6. Radiated Emission

6.1. Test Equipment

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

Radiated Emission / CB1 (Mode 3)

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Bilog Antenna	SCHAFFNER	CBL6112B	2895(CB1)	2014/08/14
Double Ridged Guide Horn Antenna	Schwarzback	BBHA 9120	D743	2014/02/17
Pre-Amplifier	MITEQ	AMF-4D-005180-24-10P	888003	2014/06/09
Pre-Amplifier	QuieTek	AP-025C	CHM-0706049	2014/02/19
Spectrum Analyzer	Agilent	E4440A	MY46187335	2014/01/27
k Type Cable	Huber Suhner	Sucoflex 102	25623/2	2014/02/21

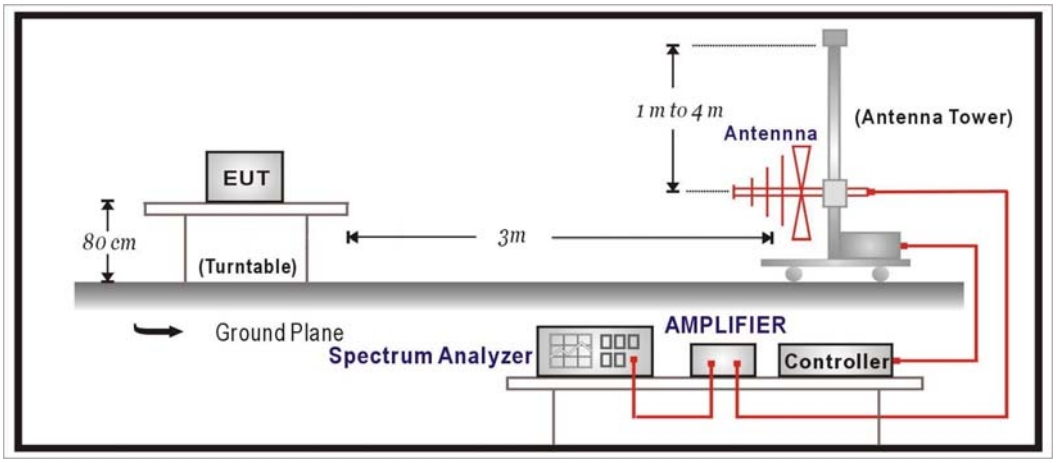
Radiated Emission / CB1 (Mode 1&4)

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Bilog Antenna	SCHAFFNER	CBL6112B	2895(CB1)	2014/08/14
Double Ridged Guide Horn Antenna	Schwarzback	BBHA 9120	D743	2015/02/12
Pre-Amplifier	Quietek	AMF-4D.	888003	2015/06/02
Pre-Amplifier	QuieTek	AP-025C	CHM-0706049	2015/02/06
Spectrum Analyzer	Agilent	E4440A	MY46187335	2015/01/12
k Type Cable	Huber Suhner	Sucoflex 102	25623/2	2015/02/10

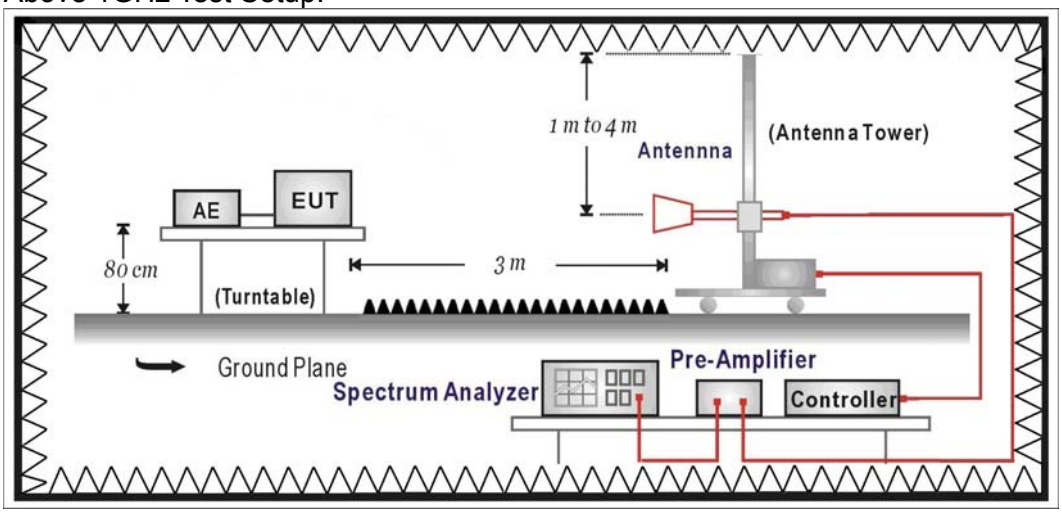
Note: 1. All equipments that need to calibrate are with calibration period of 1 year.

6.2. Test Setup

Under 1GHz Test Setup:



Above 1GHz Test Setup:



6.3. Limits

➢ General Radiated Emission Limits

The provisions of Section 15.205 of this part apply to intentional radiators operating under this section. Radiated emissions which fall in the restricted bands, as defined in Section 15.205, must also comply with the radiated emission limits specified in Section 15.209:

FCC Part 15 Subpart C Paragraph 15.209 Limits		
Frequency MHz	uV/m @3m	dBuV/m@3m
30-88	100	40
88-216	150	43.5
216-960	200	46
Above 960	500	54

Remark:

1. RF Voltage (dBuV) = 20 log RF Voltage (uV)
2. In the Above Table, the tighter limit applies at the band edges.
3. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

➢ Unwanted Emission out of the restricted bands Limits

FCC Part 15 Subpart C Paragraph 15.407(b) Limits		
Frequency (MHz)	EIRP Limit (dBm)	Equivalent Field Strength (dBuV/m@3m)
5150~5250	-27	68.3
5250~5350	-27	68.3
5470~5725	-27	68.3
5725~5825	-27 (Note1)	68.3
	-17 (Note2)	78.3

Remark:

1. For frequencies more than 10 MHz above or below the band edges.
2. For frequency range from the band edges to 10 MHz above or below the band edges.
3. uV/m = $\frac{1000000\sqrt{30 \times EIRP}}{3}$, RF Voltage (dBuV/m) = 20 log RF Voltage (uV/m)

6.4. Test Procedure

The EUT and its simulators are placed on a turn table which is 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.
The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.
Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.10 on radiated measurement.
The additional latch filter below 1GHz was used to measure the level of harmonics radiated emission during field dtrength of harmonics measurement.
The bandwidth below 1GHz setting on the field strength meter is 120 KHz, above 1GHz are 1 MHz.
The frequency range from 30MHz to 10th harminics is checked.

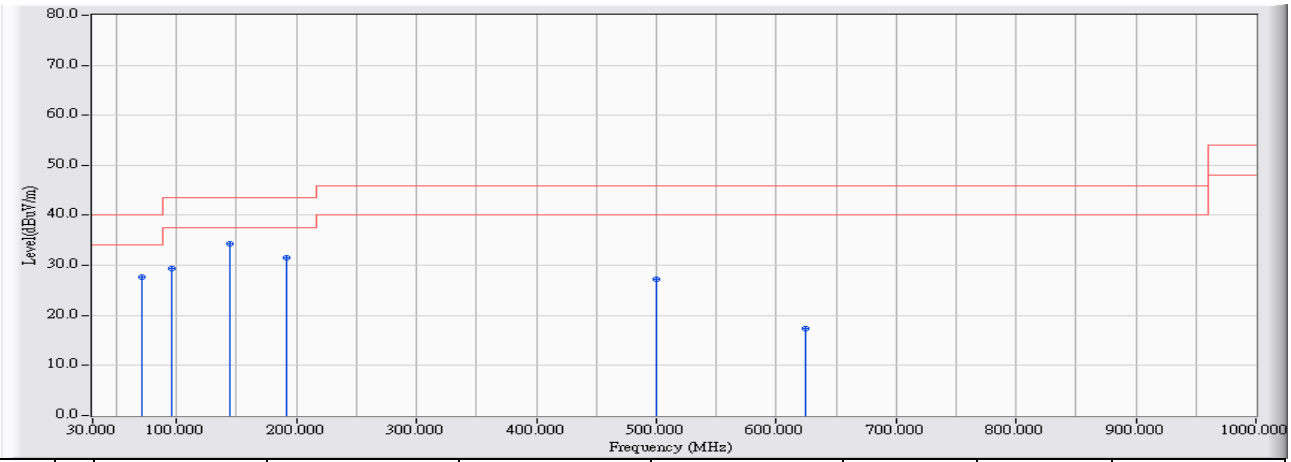
6.5. Uncertainty

The measurement uncertainty
30MHz～1GHz as ±3.43dB
1GHz～26.5Ghz as ±3.65dB

6.6. Test Result

30MHz-1GHz Spurious

Site : CB1	**Time : 2014/07/06 - 16:18**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_30M-1G-4_9161 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11a_5220MHz**

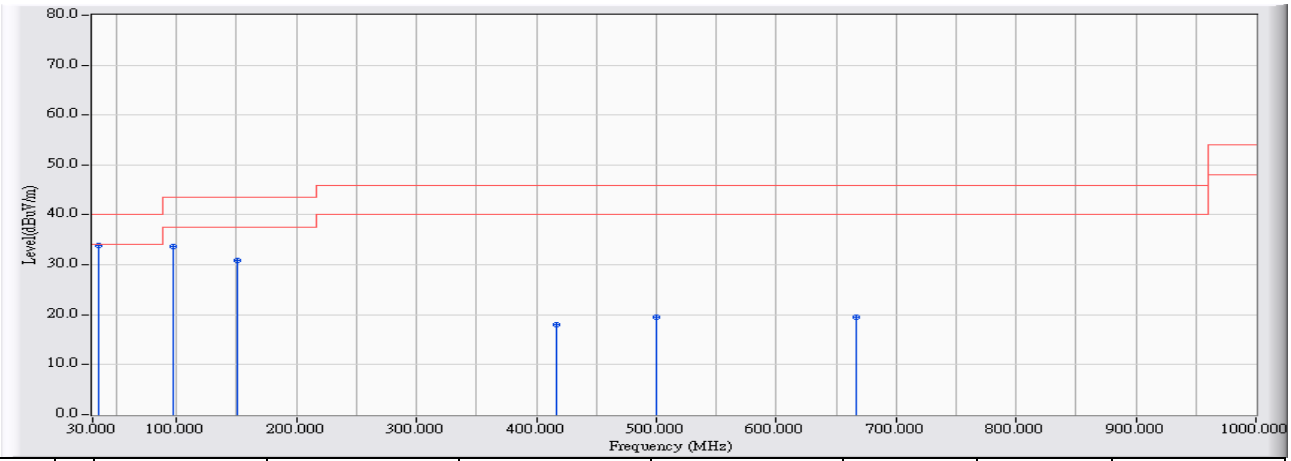


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		71.500	-25.225	52.819	27.594	-12.406	40.000	QUASIPEAK
2		95.500	-21.407	50.855	29.448	-14.052	43.500	QUASIPEAK
3	*	144.000	-16.807	51.204	34.397	-9.103	43.500	QUASIPEAK
4		191.500	-20.736	52.195	31.459	-12.041	43.500	QUASIPEAK
5		500.500	-15.638	42.815	27.177	-18.823	46.000	QUASIPEAK
6		625.000	-13.456	30.756	17.299	-28.701	46.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2014/07/06 - 16:24**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_30M-1G-4_9161 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11a_5220MHz**

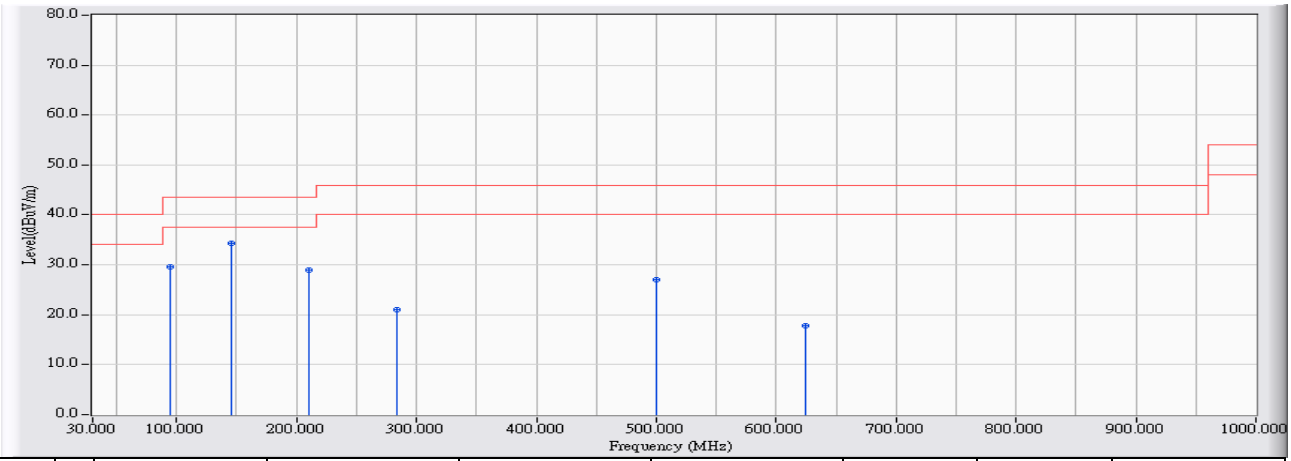


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	35.500	-21.324	55.302	33.978	-6.022	40.000	QUASIPEAK
2		97.500	-21.256	54.842	33.586	-9.914	43.500	QUASIPEAK
3		150.500	-15.761	46.718	30.957	-12.543	43.500	QUASIPEAK
4		416.500	-17.043	35.085	18.042	-27.958	46.000	QUASIPEAK
5		500.500	-15.638	35.147	19.509	-26.491	46.000	QUASIPEAK
6		667.000	-12.886	32.466	19.580	-26.420	46.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2014/07/06 - 16:32**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_30M-1G-4_9161 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n(20M)_5220MHz**

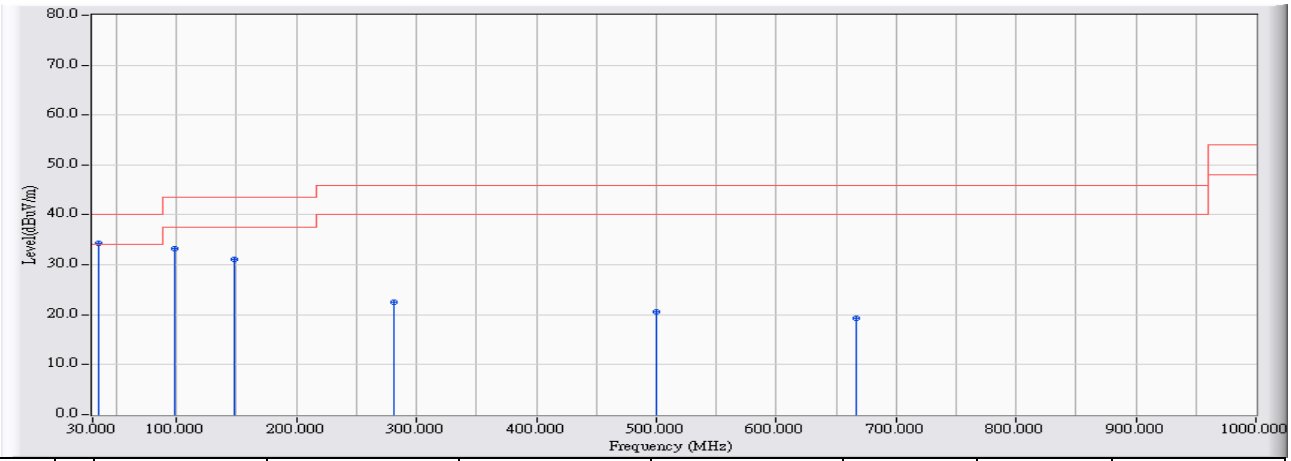


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		94.500	-21.483	51.060	29.578	-13.922	43.500	QUASIPEAK
2	*	146.000	-16.462	50.694	34.232	-9.268	43.500	QUASIPEAK
3		210.500	-21.115	50.027	28.911	-14.589	43.500	QUASIPEAK
4		283.500	-20.107	41.061	20.954	-25.046	46.000	QUASIPEAK
5		500.000	-15.645	42.662	27.016	-18.984	46.000	QUASIPEAK
6		625.000	-13.456	31.230	17.773	-28.227	46.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2014/07/06 - 16:39**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_30M-1G-4_9161 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n(20M)_5220MHz**

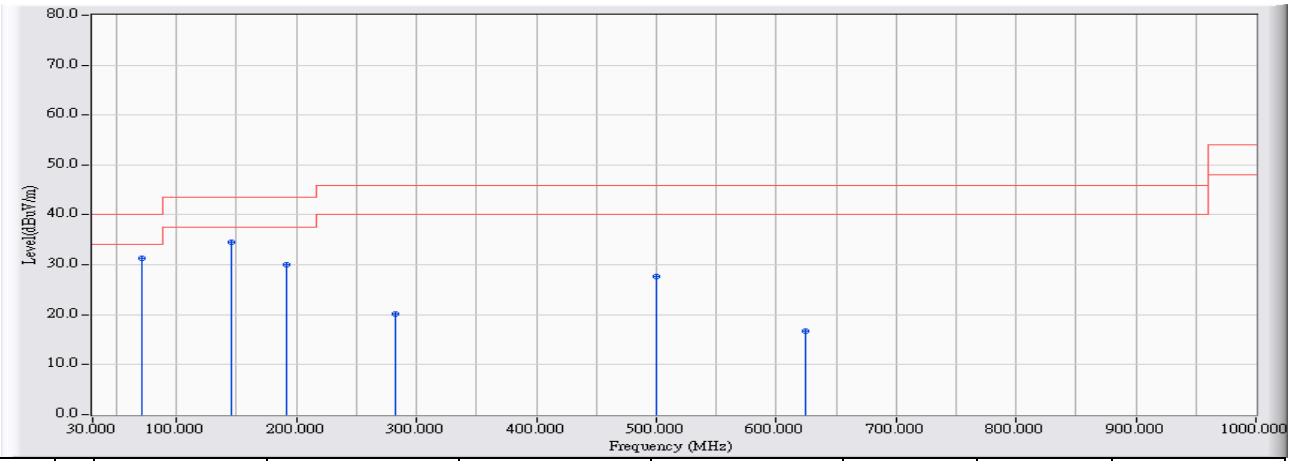


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	35.500	-21.324	55.605	34.281	-5.719	40.000	QUASIPEAK
2		98.500	-21.181	54.427	33.247	-10.253	43.500	QUASIPEAK
3		148.500	-16.031	47.073	31.043	-12.457	43.500	QUASIPEAK
4		281.500	-20.155	42.678	22.524	-23.476	46.000	QUASIPEAK
5		500.000	-15.645	36.190	20.544	-25.456	46.000	QUASIPEAK
6		667.000	-12.886	32.181	19.295	-26.705	46.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2014/07/06 - 16:44**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_30M-1G-4_9161 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n(40M)_5230MHz**

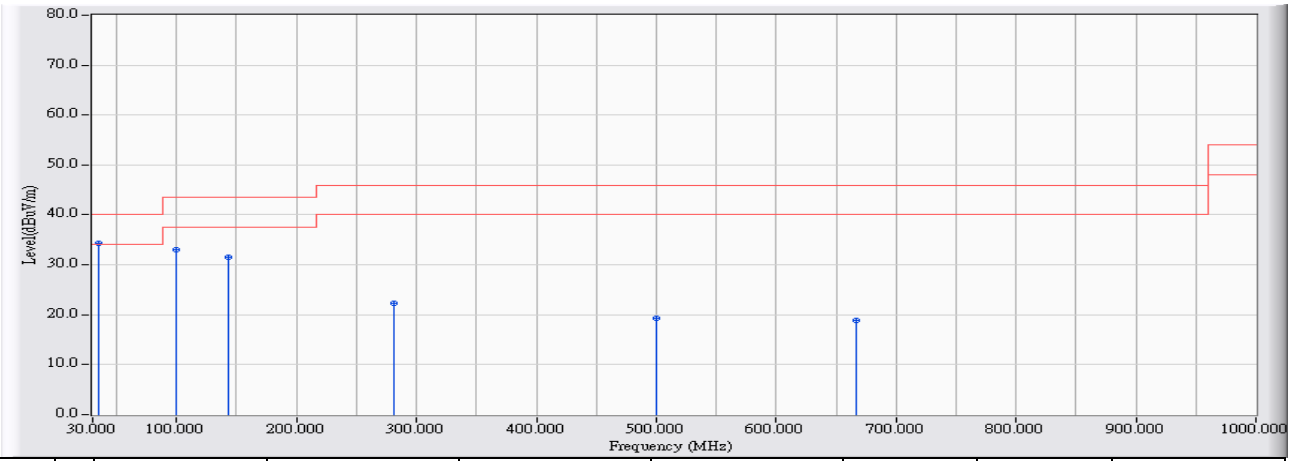


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	71.500	-25.225	56.554	31.329	-8.671	40.000	QUASIPEAK
2		145.500	-16.548	51.008	34.460	-9.040	43.500	QUASIPEAK
3		192.000	-20.751	50.694	29.943	-13.557	43.500	QUASIPEAK
4		282.500	-20.130	40.359	20.229	-25.771	46.000	QUASIPEAK
5		500.000	-15.645	43.279	27.633	-18.367	46.000	QUASIPEAK
6		625.000	-13.456	30.178	16.721	-29.279	46.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2014/07/06 - 16:48**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_30M-1G-4_9161 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n(40M)_5230MHz**

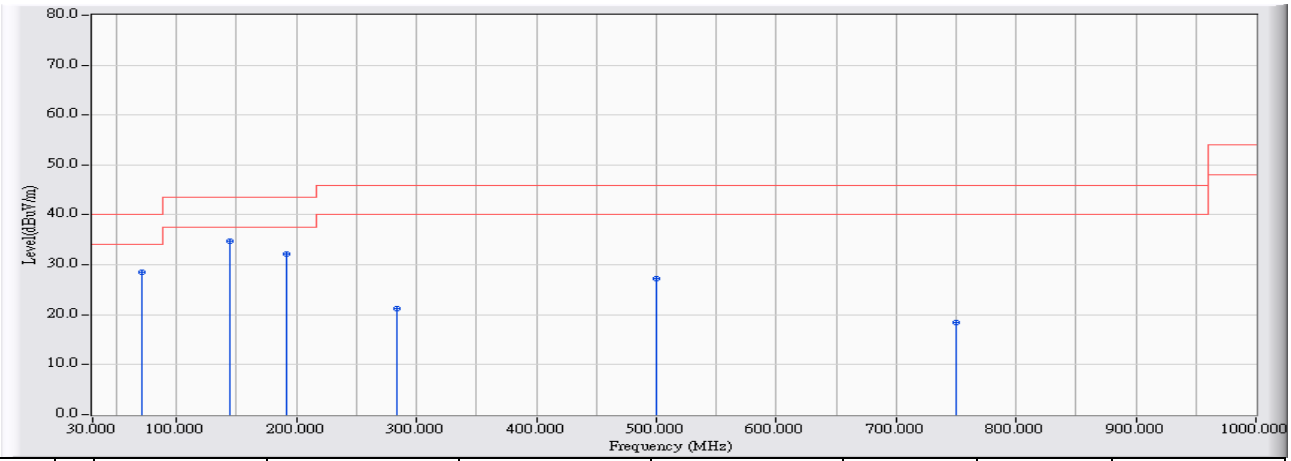


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	34.500	-21.395	55.744	34.349	-5.651	40.000	QUASIPEAK
2		99.500	-21.105	54.036	32.931	-10.569	43.500	QUASIPEAK
3		143.000	-16.980	48.548	31.568	-11.932	43.500	QUASIPEAK
4		281.500	-20.155	42.369	22.215	-23.785	46.000	QUASIPEAK
5		500.000	-15.645	35.012	19.366	-26.634	46.000	QUASIPEAK
6		667.000	-12.886	31.657	18.771	-27.229	46.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2014/07/06 - 16:55**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_30M-1G-4_9161 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11ac(80M)_5210MHz**

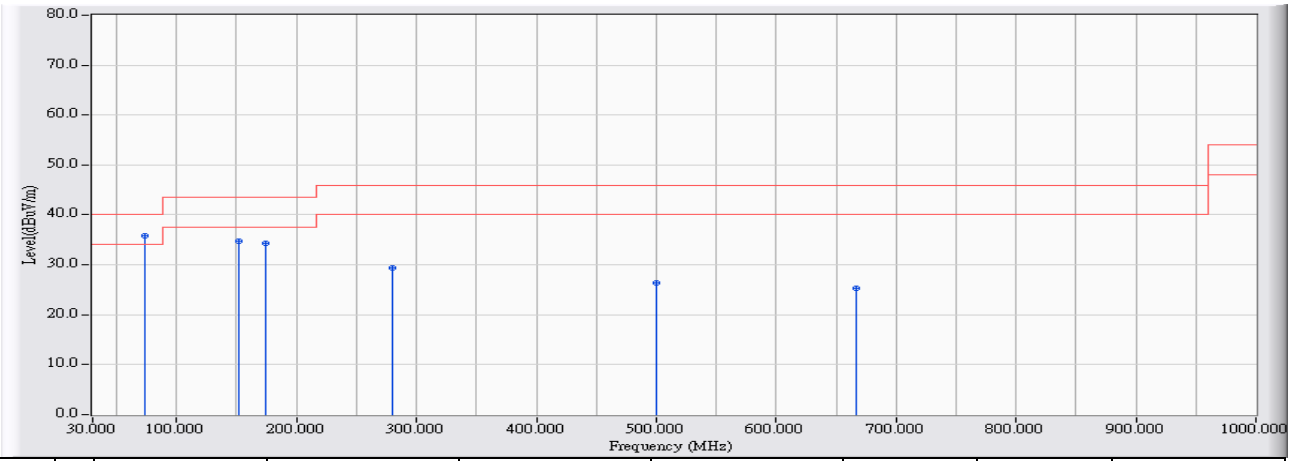


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		70.500	-25.311	53.829	28.518	-11.482	40.000	QUASIPEAK
2	*	144.000	-16.807	51.640	34.833	-8.667	43.500	QUASIPEAK
3		192.000	-20.751	52.923	32.172	-11.328	43.500	QUASIPEAK
4		283.500	-20.107	41.423	21.316	-24.684	46.000	QUASIPEAK
5		500.000	-15.645	42.929	27.283	-18.717	46.000	QUASIPEAK
6		750.000	-11.857	30.318	18.461	-27.539	46.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2014/07/06 - 17:02**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_30M-1G-4_9161 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11ac(80M)_5210MHz**

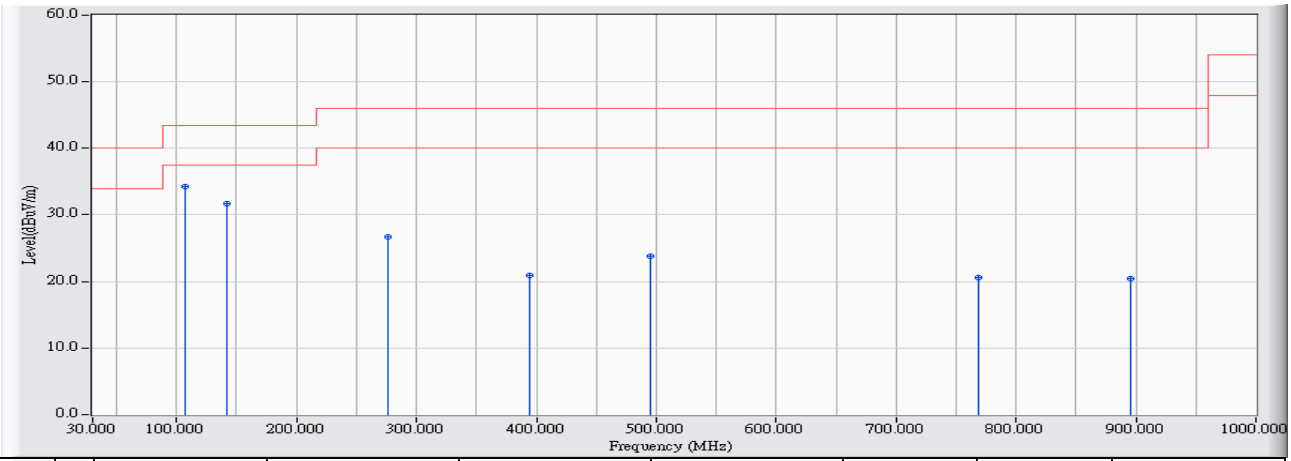


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	73.000	-25.062	60.906	35.844	-4.156	40.000	QUASIPEAK
2		151.500	-15.740	50.491	34.751	-8.749	43.500	QUASIPEAK
3		174.000	-18.118	52.510	34.392	-9.108	43.500	QUASIPEAK
4		280.500	-20.178	49.536	29.358	-16.642	46.000	QUASIPEAK
5		500.000	-15.645	42.076	26.430	-19.570	46.000	QUASIPEAK
6		666.500	-12.893	38.274	25.381	-20.619	46.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2013/10/22 - 14:54**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326-802.11a_5220MHz**

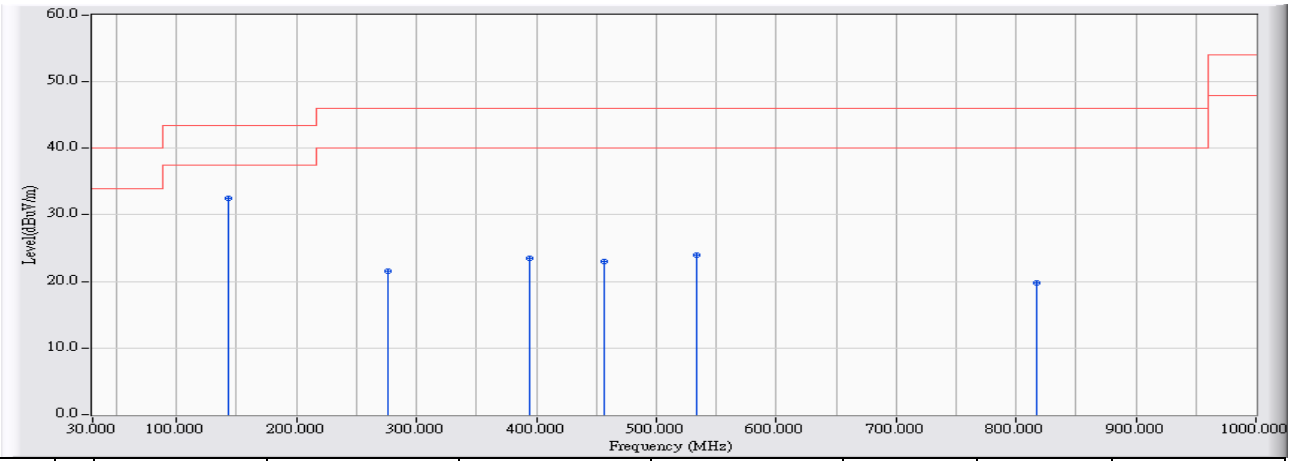


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	106.630	-22.833	57.134	34.300	-9.200	43.500	QUASIPEAK
2		141.550	-22.945	54.573	31.628	-11.872	43.500	QUASIPEAK
3		276.380	-20.505	47.166	26.661	-19.339	46.000	QUASIPEAK
4		393.750	-17.702	38.656	20.954	-25.046	46.000	QUASIPEAK
5		495.600	-15.703	39.545	23.843	-22.157	46.000	QUASIPEAK
6		768.170	-14.038	34.707	20.668	-25.332	46.000	QUASIPEAK
7		895.240	-13.340	33.806	20.466	-25.534	46.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2013/10/22 - 14:55**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326-802.11a_5220MHz**

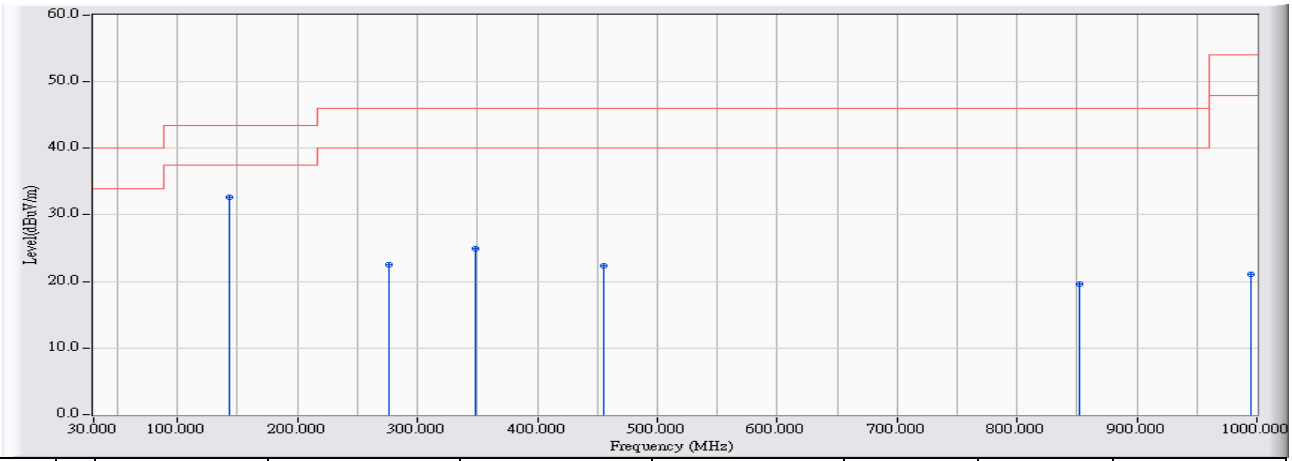


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	143.490	-23.042	55.596	32.554	-10.946	43.500	QUASIPEAK
2		276.380	-20.505	42.086	21.581	-24.419	46.000	QUASIPEAK
3		393.750	-17.702	41.199	23.497	-22.503	46.000	QUASIPEAK
4		456.800	-16.450	39.399	22.949	-23.051	46.000	QUASIPEAK
5		533.430	-15.584	39.550	23.966	-22.034	46.000	QUASIPEAK
6		817.640	-13.541	33.340	19.800	-26.200	46.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2013/10/22 - 14:56**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326-802.11n(20M)_5220MHz**

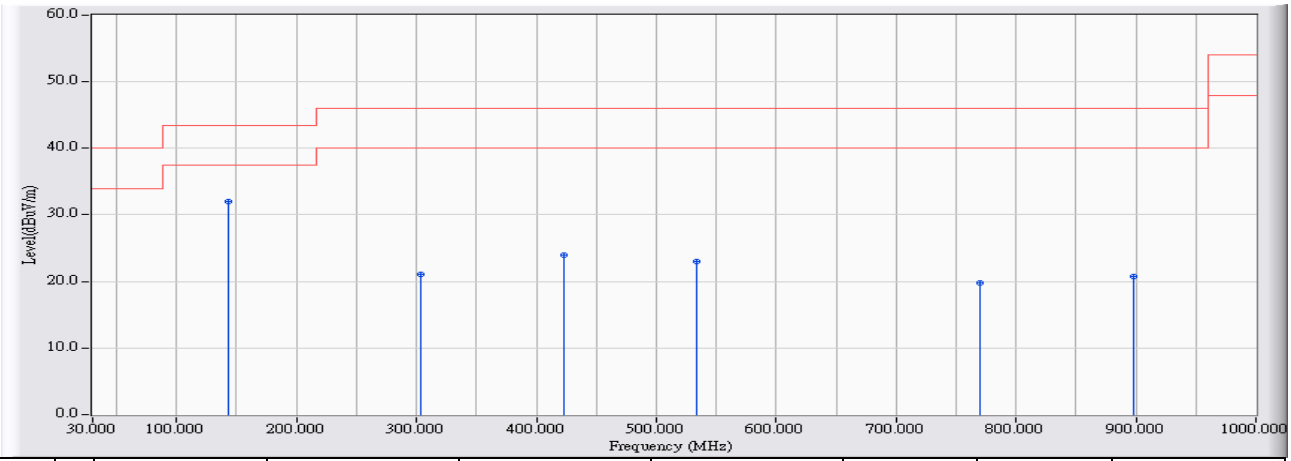


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	143.490	-23.042	55.720	32.678	-10.822	43.500	QUASIPEAK
2		276.380	-20.505	43.084	22.579	-23.421	46.000	QUASIPEAK
3		348.160	-18.843	43.772	24.929	-21.071	46.000	QUASIPEAK
4		455.830	-16.469	38.792	22.323	-23.677	46.000	QUASIPEAK
5		851.590	-13.453	33.103	19.650	-26.350	46.000	QUASIPEAK
6		995.150	-12.646	33.644	20.998	-33.002	54.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2013/10/22 - 14:57**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326-802.11n(20M)_5220MHz**

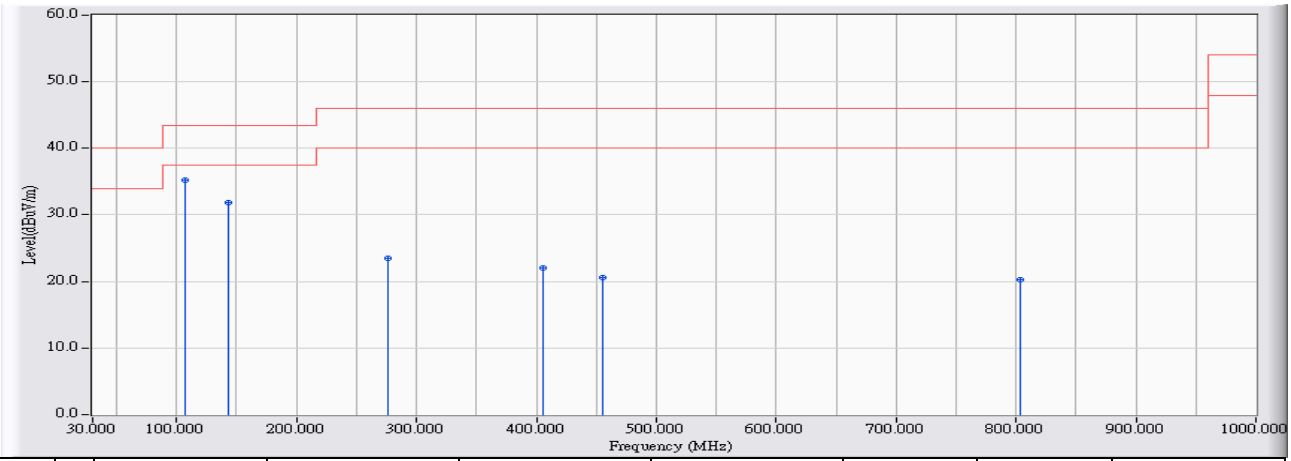


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	143.490	-23.042	55.089	32.047	-11.453	43.500	QUASIPEAK
2		303.540	-19.959	41.001	21.042	-24.958	46.000	QUASIPEAK
3		422.850	-17.106	41.105	24.000	-22.000	46.000	QUASIPEAK
4		533.430	-15.584	38.667	23.083	-22.917	46.000	QUASIPEAK
5		770.110	-14.011	33.828	19.817	-26.183	46.000	QUASIPEAK
6		898.150	-13.333	34.016	20.683	-25.317	46.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2013/10/22 - 14:59**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326-802.11n(40M)_5230MHz**

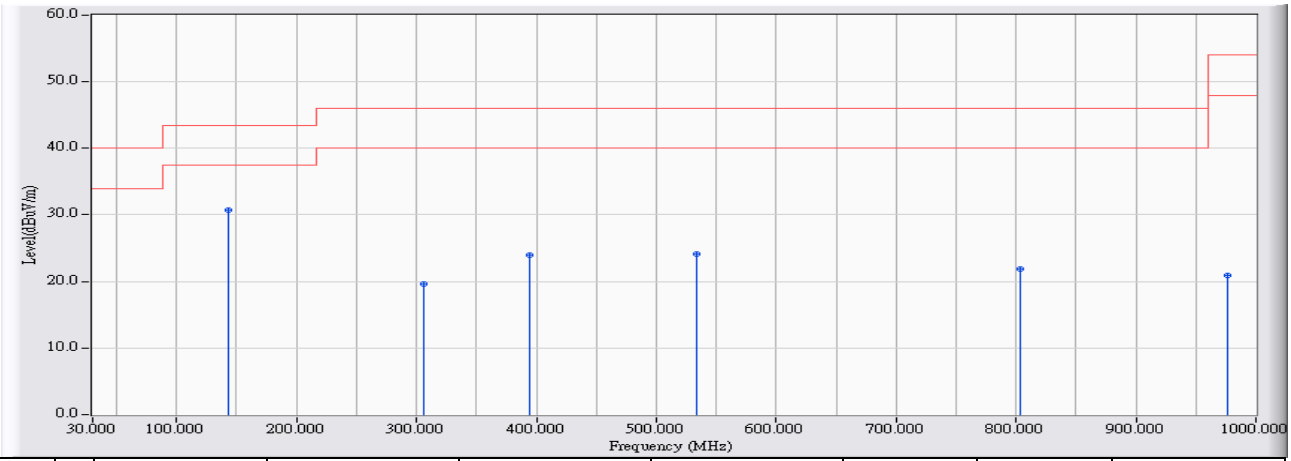


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	106.630	-22.833	58.138	35.304	-8.196	43.500	QUASIPEAK
2		143.490	-23.042	54.925	31.883	-11.617	43.500	QUASIPEAK
3		276.380	-20.505	43.938	23.433	-22.567	46.000	QUASIPEAK
4		405.390	-17.441	39.520	22.078	-23.922	46.000	QUASIPEAK
5		455.830	-16.469	37.049	20.580	-25.420	46.000	QUASIPEAK
6		804.060	-13.575	33.835	20.260	-25.740	46.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2013/10/22 - 15:01**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326-802.11n(40M)_5230MHz**

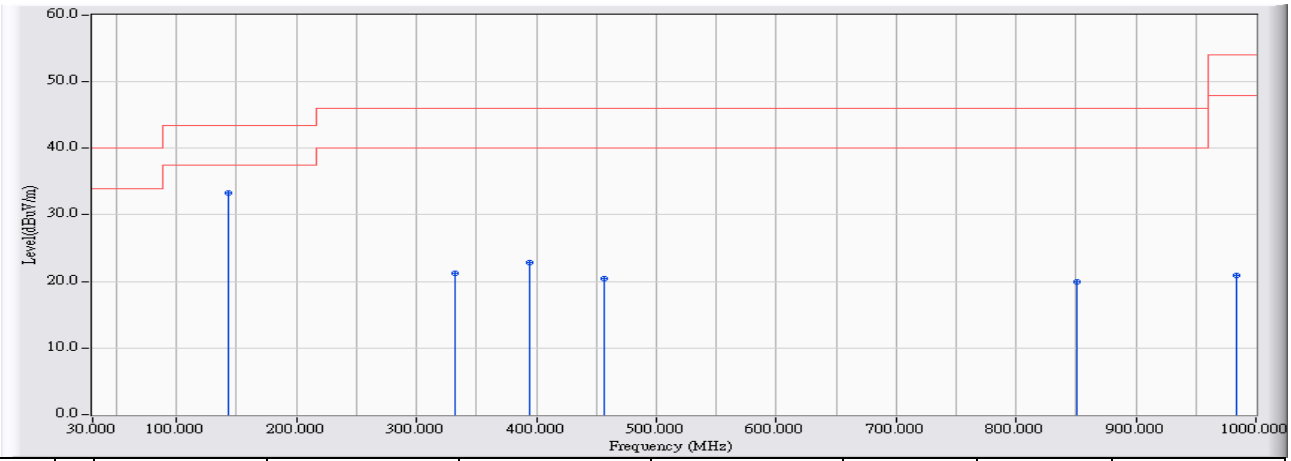


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	143.490	-23.042	53.824	30.782	-12.718	43.500	QUASIPEAK
2		306.450	-19.887	39.520	19.633	-26.367	46.000	QUASIPEAK
3		393.750	-17.702	41.598	23.896	-22.104	46.000	QUASIPEAK
4		533.430	-15.584	39.749	24.165	-21.835	46.000	QUASIPEAK
5		804.060	-13.575	35.378	21.803	-24.197	46.000	QUASIPEAK
6		975.750	-12.785	33.714	20.929	-33.071	54.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2013/10/22 - 15:03**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326-802.11ac(80M)_5210MHz**

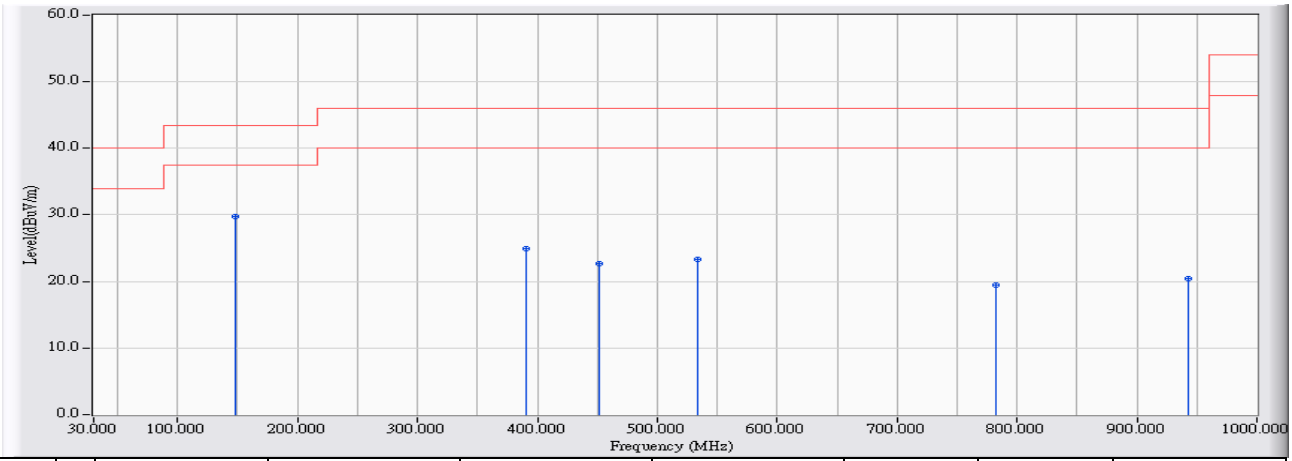


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	143.490	-23.042	56.337	33.295	-10.205	43.500	QUASIPEAK
2		331.670	-19.255	40.501	21.246	-24.754	46.000	QUASIPEAK
3		393.750	-17.702	40.583	22.881	-23.119	46.000	QUASIPEAK
4		456.800	-16.450	36.860	20.410	-25.590	46.000	QUASIPEAK
5		850.620	-13.455	33.333	19.878	-26.122	46.000	QUASIPEAK
6		983.510	-12.729	33.665	20.936	-33.064	54.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2013/10/22 - 15:04**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 3: Transmit (CDD Mode)_Adapter: AD890326-802.11ac(80M)_5210MHz**

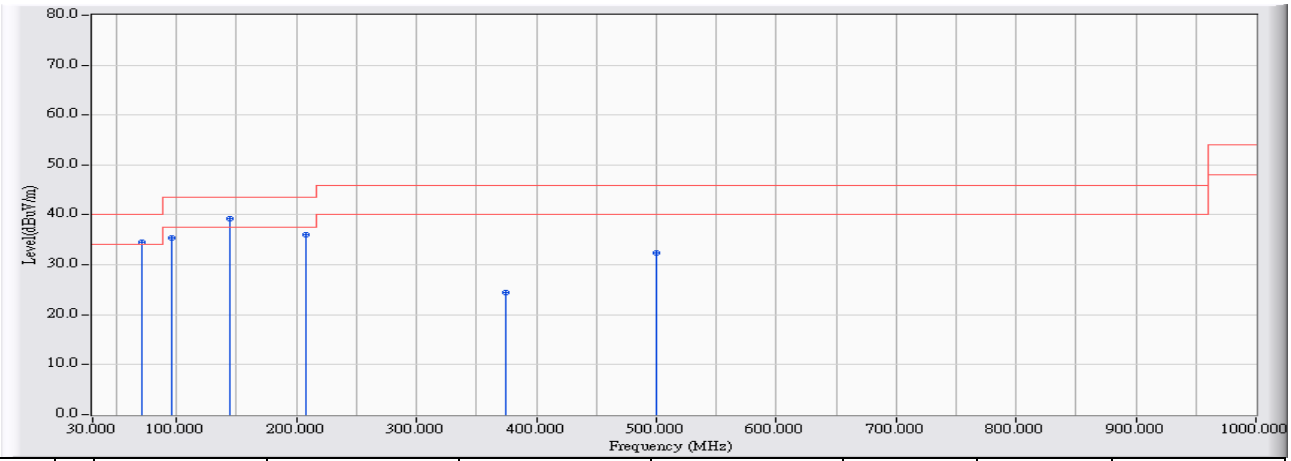


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	148.340	-23.284	53.014	29.731	-13.769	43.500	QUASIPEAK
2		390.840	-17.775	42.641	24.866	-21.134	46.000	QUASIPEAK
3		451.950	-16.544	39.288	22.744	-23.256	46.000	QUASIPEAK
4		533.430	-15.584	38.896	23.312	-22.688	46.000	QUASIPEAK
5		781.750	-13.846	33.248	19.402	-26.598	46.000	QUASIPEAK
6		942.770	-13.022	33.425	20.404	-25.596	46.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2014/07/06 - 17:45**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_30M-1G-4_9161 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 4: Transmit (CDD Mode)_Adapter: ADP-33AW-802.11a_5220MHz**

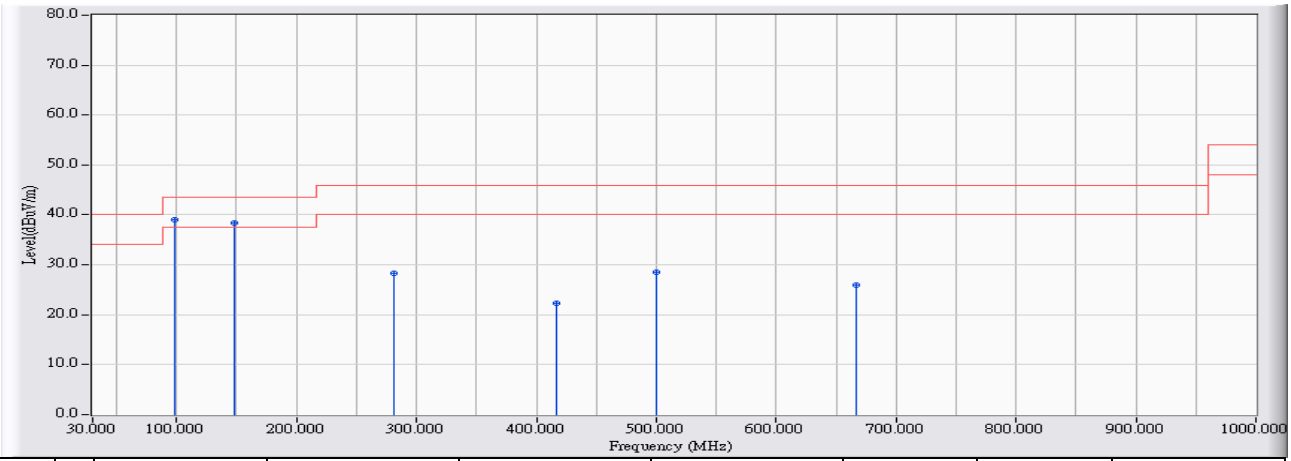


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		70.500	-25.311	59.771	34.460	-5.540	40.000	QUASIPEAK
2		96.500	-21.332	56.813	35.482	-8.018	43.500	QUASIPEAK
3	*	144.000	-16.807	56.040	39.233	-4.267	43.500	QUASIPEAK
4		207.500	-21.078	57.130	36.052	-7.448	43.500	QUASIPEAK
5		375.000	-18.009	42.492	24.483	-21.517	46.000	QUASIPEAK
6		500.000	-15.645	48.107	32.461	-13.539	46.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2014/07/06 - 17:48**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_30M-1G-4_9161 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 4: Transmit (CDD Mode)_Adapter: ADP-33AW-802.11a_5220MHz**

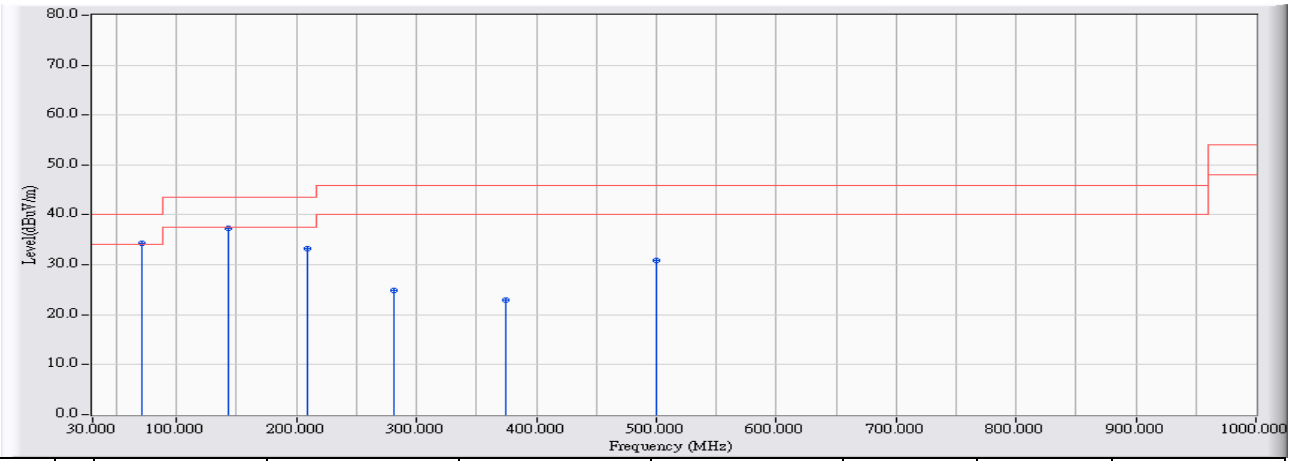


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	99.000	-21.142	60.093	38.951	-4.549	43.500	QUASIPEAK
2		148.500	-16.031	54.375	38.345	-5.155	43.500	QUASIPEAK
3		281.500	-20.155	48.570	28.416	-17.584	46.000	QUASIPEAK
4		417.000	-17.031	39.256	22.225	-23.775	46.000	QUASIPEAK
5		500.000	-15.645	44.097	28.451	-17.549	46.000	QUASIPEAK
6		666.500	-12.893	38.873	25.980	-20.020	46.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2014/07/06 - 17:53**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_30M-1G-4_9161 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 4: Transmit (CDD Mode)_Adapter: ADP-33AW-802.11n(20M)_5220MHz**

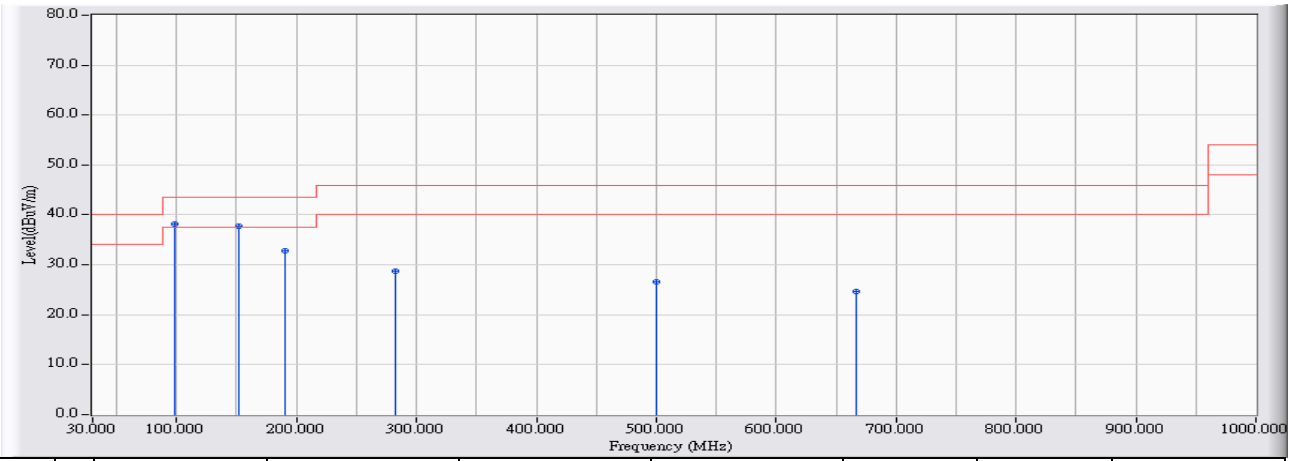


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	71.000	-25.280	59.530	34.250	-5.750	40.000	QUASIPEAK
2		143.500	-16.893	54.219	37.325	-6.175	43.500	QUASIPEAK
3		209.000	-21.097	54.282	33.185	-10.315	43.500	QUASIPEAK
4		281.000	-20.166	45.084	24.918	-21.082	46.000	QUASIPEAK
5		375.000	-18.009	40.891	22.882	-23.118	46.000	QUASIPEAK
6		500.000	-15.645	46.538	30.892	-15.108	46.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2014/07/06 - 17:55**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_30M-1G-4_9161 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 4: Transmit (CDD Mode)_Adapter: ADP-33AW-802.11n(20M)_5220MHz**

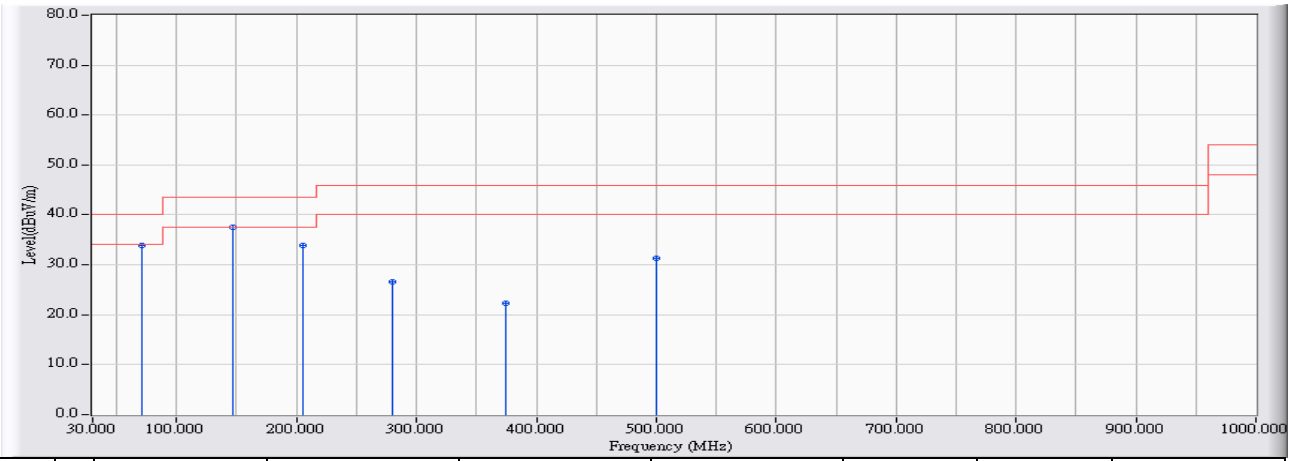


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	99.000	-21.142	59.419	38.277	-5.223	43.500	QUASIPEAK
2		151.500	-15.740	53.434	37.694	-5.806	43.500	QUASIPEAK
3		190.000	-20.686	53.401	32.715	-10.785	43.500	QUASIPEAK
4		283.000	-20.119	48.857	28.738	-17.262	46.000	QUASIPEAK
5		500.000	-15.645	42.286	26.640	-19.360	46.000	QUASIPEAK
6		666.500	-12.893	37.617	24.724	-21.276	46.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2014/07/06 - 17:57**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_30M-1G-4_9161 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 4: Transmit (CDD Mode)_Adapter: ADP-33AW-802.11n(40M)_5230MHz**

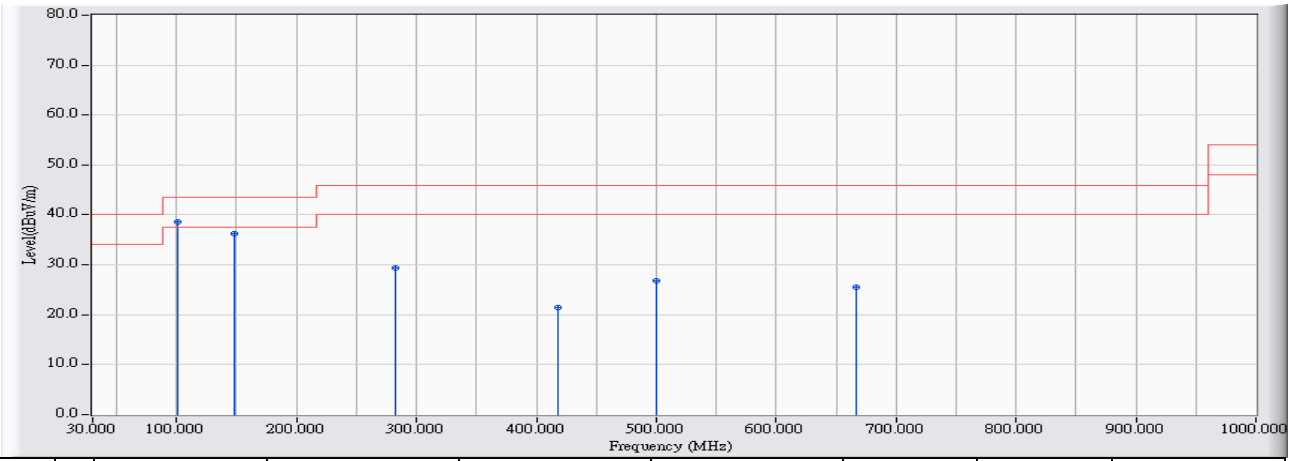


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		71.000	-25.280	59.135	33.855	-6.145	40.000	QUASIPEAK
2	*	146.500	-16.376	53.870	37.495	-6.005	43.500	QUASIPEAK
3		205.500	-21.053	54.905	33.852	-9.648	43.500	QUASIPEAK
4		279.500	-20.206	46.734	26.528	-19.472	46.000	QUASIPEAK
5		375.000	-18.009	40.326	22.317	-23.683	46.000	QUASIPEAK
6		500.000	-15.645	46.969	31.323	-14.677	46.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2014/07/06 - 18:00**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_30M-1G-4_9161 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 4: Transmit (CDD Mode)_Adapter: ADP-33AW-802.11n(40M)_5230MHz**

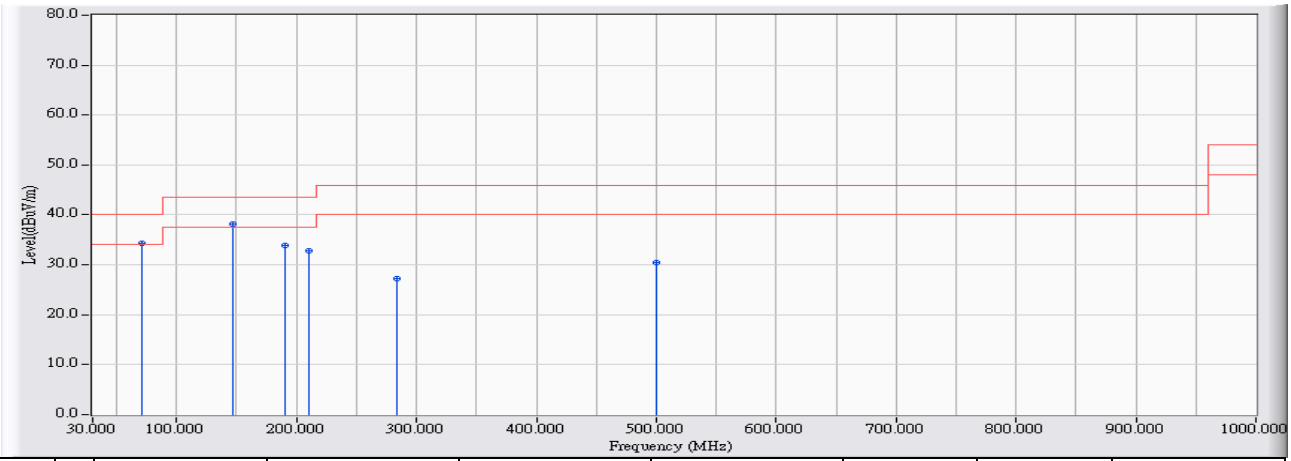


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	101.000	-21.060	59.636	38.576	-4.924	43.500	QUASIPEAK
2		148.000	-16.116	52.455	36.339	-7.161	43.500	QUASIPEAK
3		282.500	-20.130	49.553	29.423	-16.577	46.000	QUASIPEAK
4		418.000	-17.007	38.557	21.550	-24.450	46.000	QUASIPEAK
5		500.000	-15.645	42.435	26.789	-19.211	46.000	QUASIPEAK
6		666.500	-12.893	38.425	25.532	-20.468	46.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2014/07/06 - 18:06**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_30M-1G-4_9161 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 4: Transmit (CDD Mode)_Adapter: ADP-33AW-802.11ac(80M)_5210MHz**

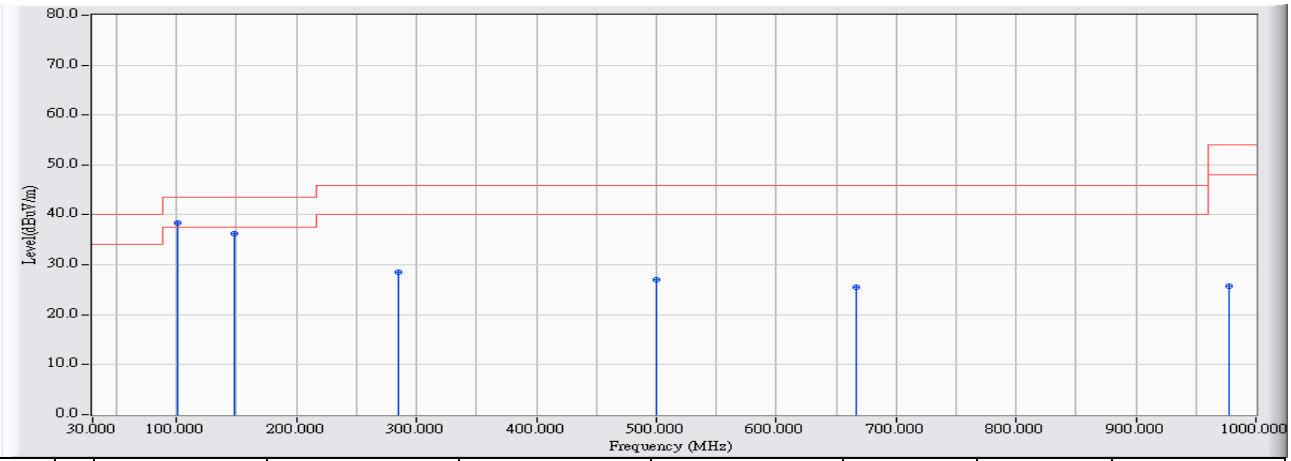


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		70.500	-25.311	59.638	34.327	-5.673	40.000	QUASIPEAK
2	*	147.500	-16.203	54.318	38.115	-5.385	43.500	QUASIPEAK
3		191.000	-20.721	54.562	33.841	-9.659	43.500	QUASIPEAK
4		210.000	-21.109	54.000	32.891	-10.609	43.500	QUASIPEAK
5		284.000	-20.095	47.239	27.144	-18.856	46.000	QUASIPEAK
6		500.000	-15.645	46.066	30.420	-15.580	46.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2014/07/06 - 18:07**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_30M-1G-4_9161 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 4: Transmit (CDD Mode)_Adapter: ADP-33AW-802.11ac(80M)_5210MHz**



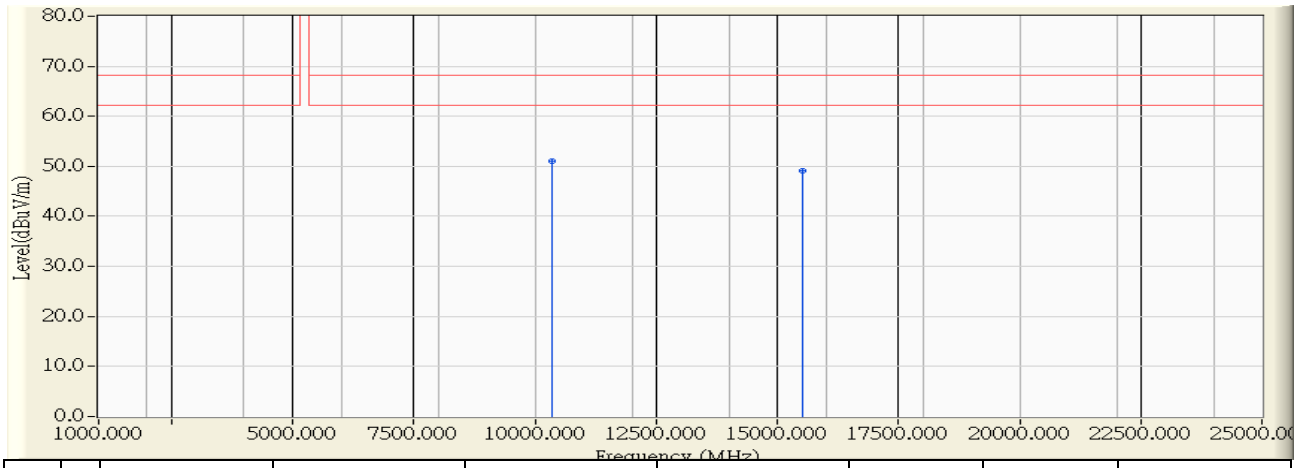
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	100.500	-21.066	59.557	38.491	-5.009	43.500	QUASIPEAK
2		148.000	-16.116	52.286	36.170	-7.330	43.500	QUASIPEAK
3		284.500	-20.083	48.610	28.527	-17.473	46.000	QUASIPEAK
4		500.000	-15.645	42.740	27.094	-18.906	46.000	QUASIPEAK
5		666.500	-12.893	38.427	25.534	-20.466	46.000	QUASIPEAK
6		977.500	-9.407	35.221	25.815	-28.185	54.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Harmonic & Spurious:

Site : CB1	**Time : 2014/06/30 - 09:56**
Limit : FCC_SPARTE_15.407_H_Band1_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11a 5180MHz**

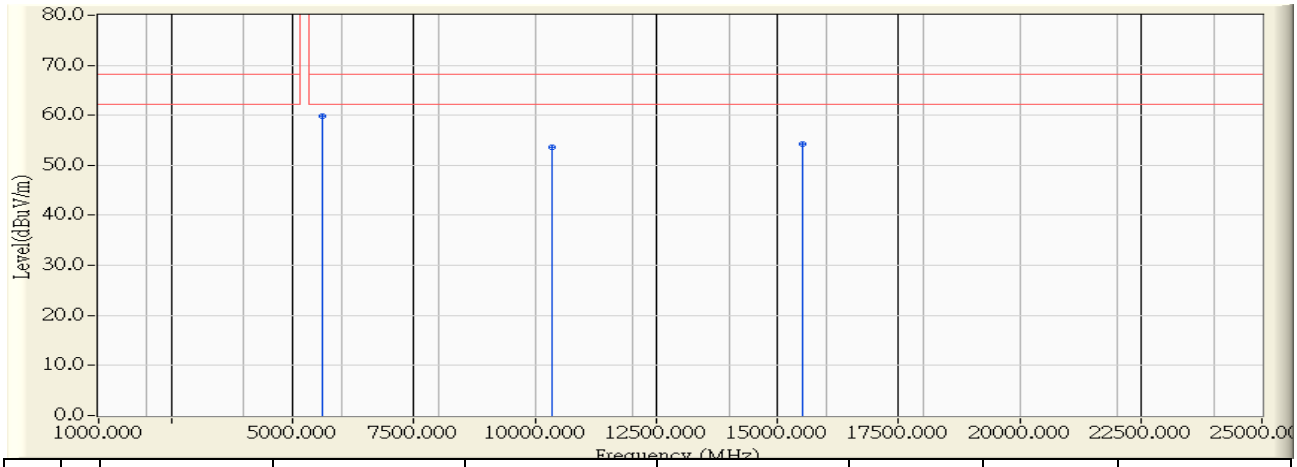


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	10360.420	10.330	40.670	51.000	-17.300	68.300	PEAK
2		15520.560	11.092	37.930	49.023	-19.277	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, 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 : 2014/06/30 - 09:59**
Limit : FCC_SPARTE_15.407_H_Band1_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11a 5180MHz**

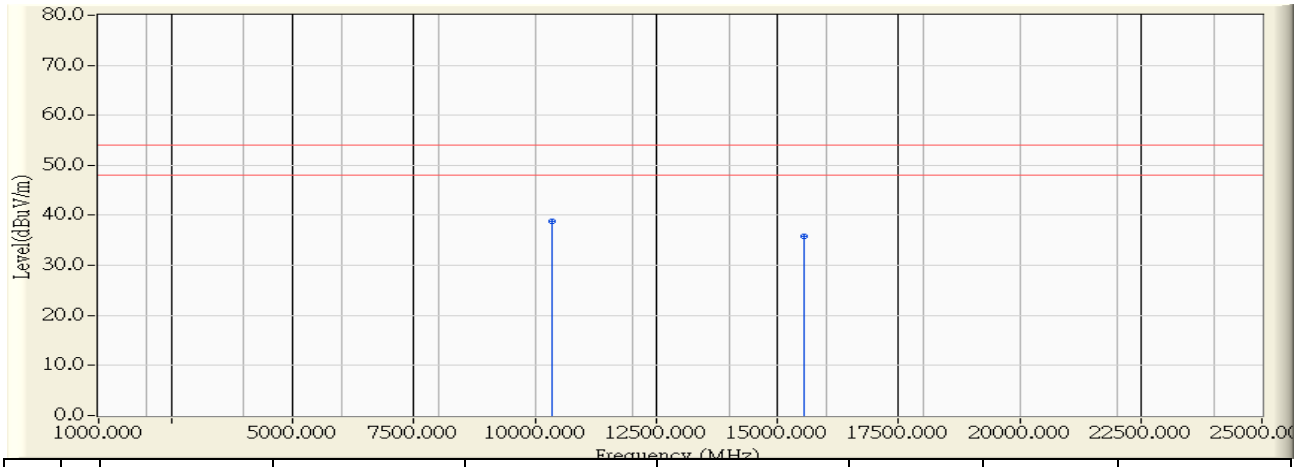


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5611.550	3.127	56.790	59.917	-8.383	68.300	PEAK
2		10361.740	10.325	43.380	53.706	-14.594	68.300	PEAK
3		15537.360	11.075	43.110	54.184	-14.116	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, 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 : 2014/06/30 - 09:59**
Limit : FCC_SPARTE_15.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11a 5180MHz**

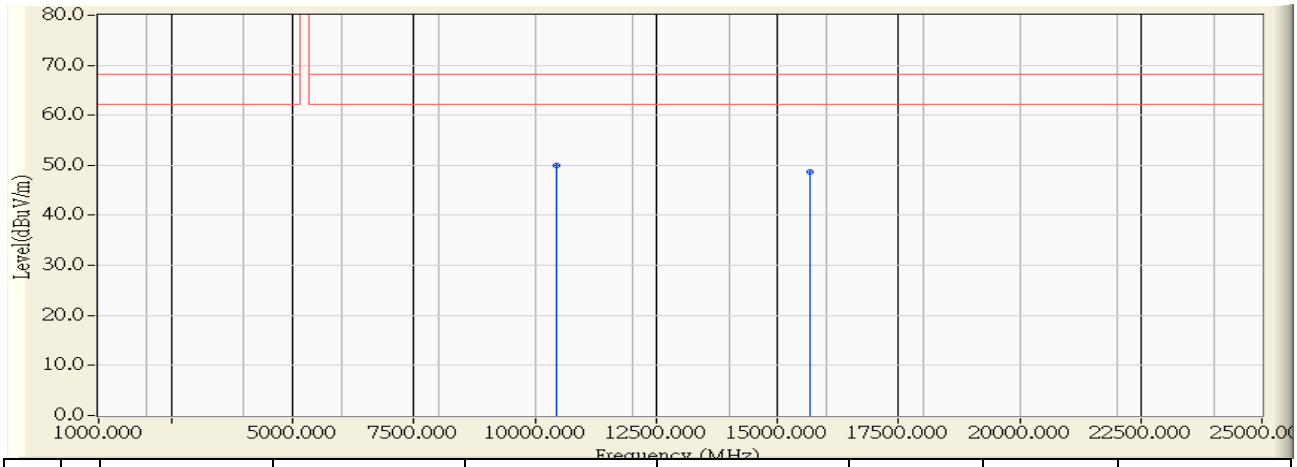


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	10362.680	10.323	28.540	38.863	-15.137	54.000	AVERAGE
2		15539.840	11.072	24.740	35.811	-18.189	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, 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 : 2014/06/30 - 10:09**
Limit : FCC_SPARTE_15.407_H_Band1_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11a 5220MHz**

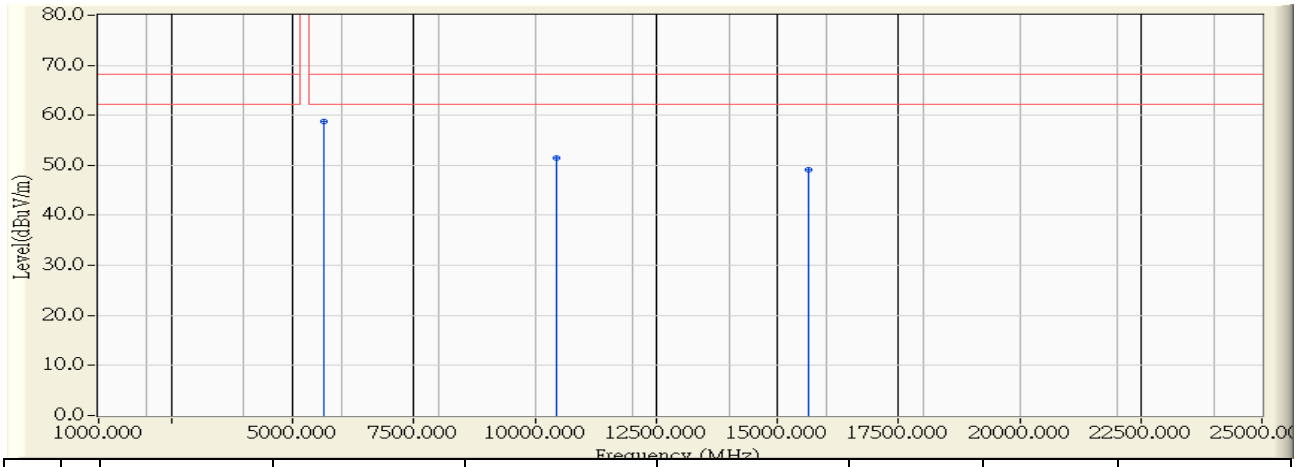


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	10456.060	10.049	39.880	49.929	-18.371	68.300	PEAK
2		15673.320	10.922	37.850	48.773	-19.527	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, 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 : 2014/06/30 - 10:14**
Limit : FCC_SPARTE_15.407_H_Band1_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11a 5220MHz**

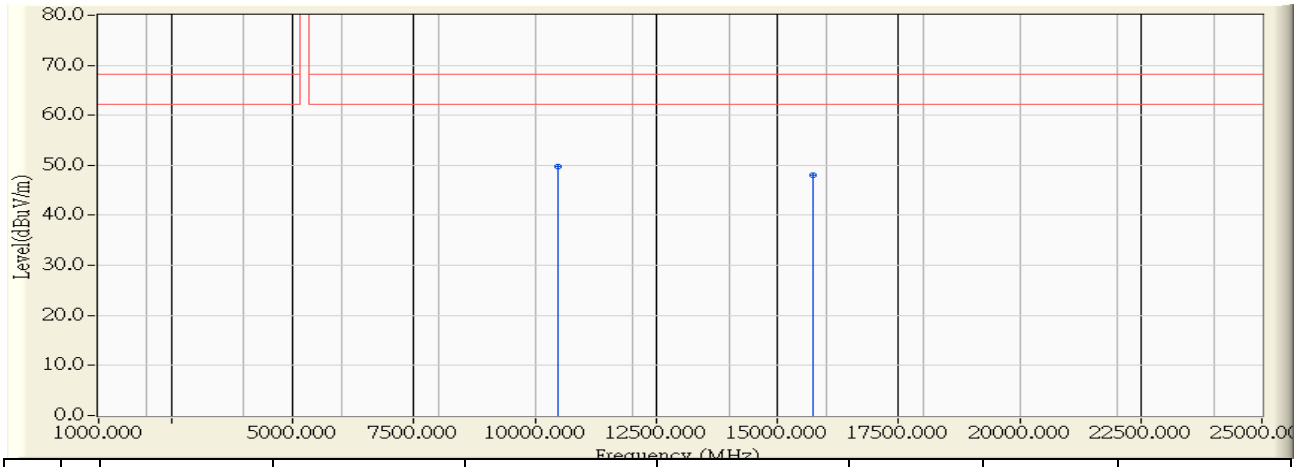


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5655.340	2.959	55.830	58.788	-9.512	68.300	PEAK
2		10450.240	10.063	41.340	51.402	-16.898	68.300	PEAK
3		15655.540	10.942	38.130	49.072	-19.228	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, 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 : 2014/06/30 - 10:20**
Limit : FCC_SPARTE_15.407_H_Band1_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11a 5240MHz**

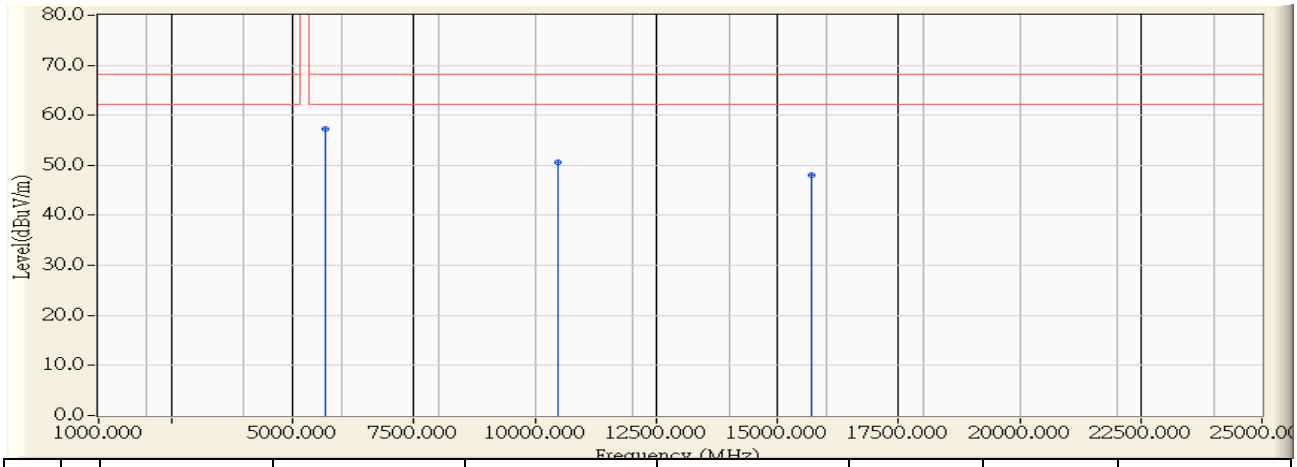


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	10472.360	10.035	39.730	49.764	-18.536	68.300	PEAK
2		15726.900	10.863	37.180	48.043	-20.257	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, 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 : 2014/06/30 - 10:23**
Limit : FCC_SPARTE_15.407_H_Band1_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11a 5240MHz**

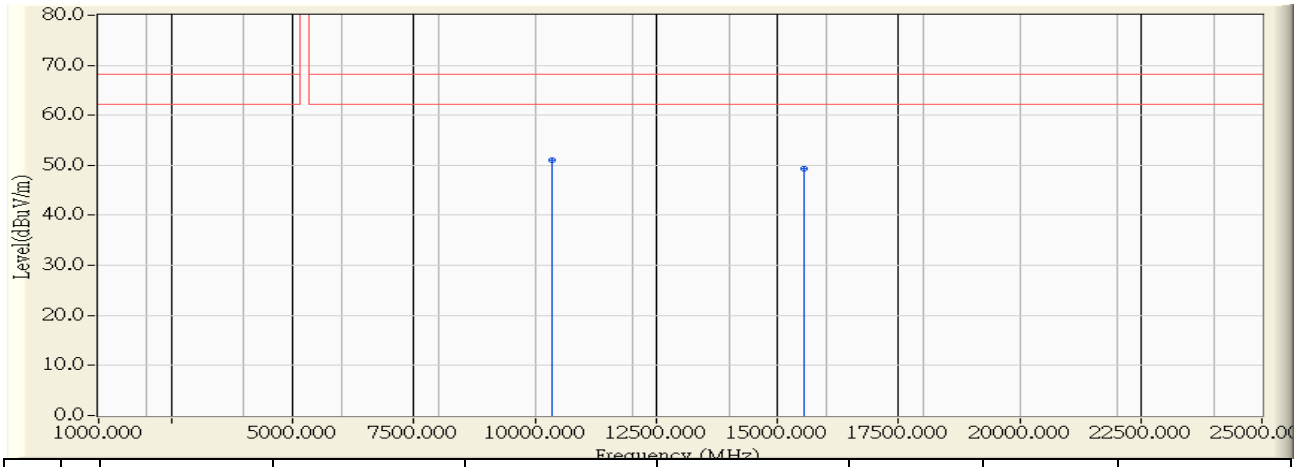


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5676.920	2.875	54.440	57.315	-10.985	68.300	PEAK
2		10481.580	10.065	40.580	50.645	-17.655	68.300	PEAK
3		15715.040	10.876	37.190	48.066	-20.234	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, 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 : 2014/06/30 - 11:02**
Limit : FCC_SPARTE_15.407_H_Band1_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n(20M)_5180MHz**

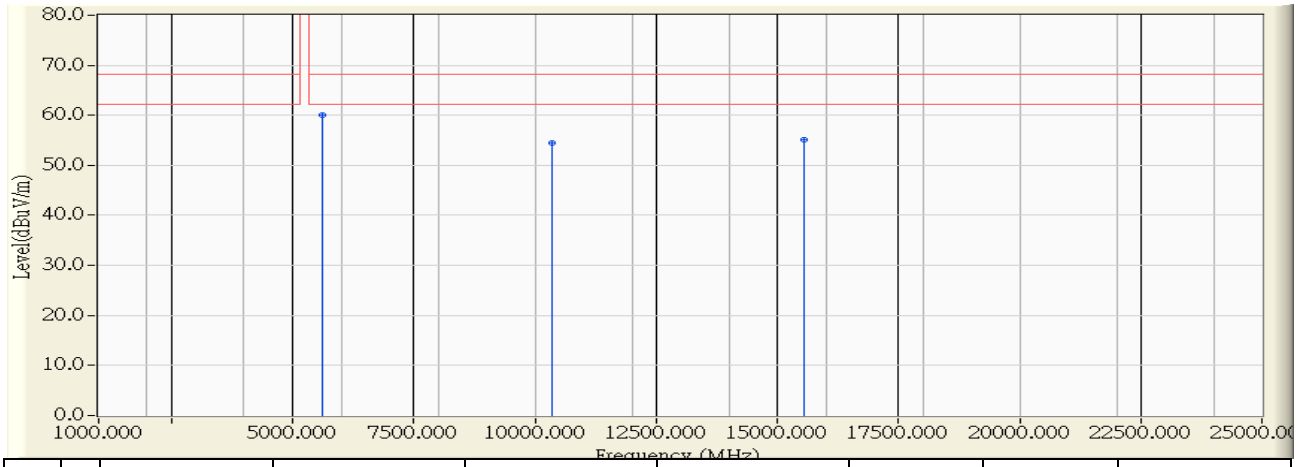


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	10357.760	10.338	40.800	51.138	-17.162	68.300	PEAK
2		15547.380	11.064	38.170	49.233	-19.067	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, 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 : 2014/06/30 - 11:07**
Limit : FCC_SPARTE_15.407_H_Band1_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n(20M)_5180MHz**

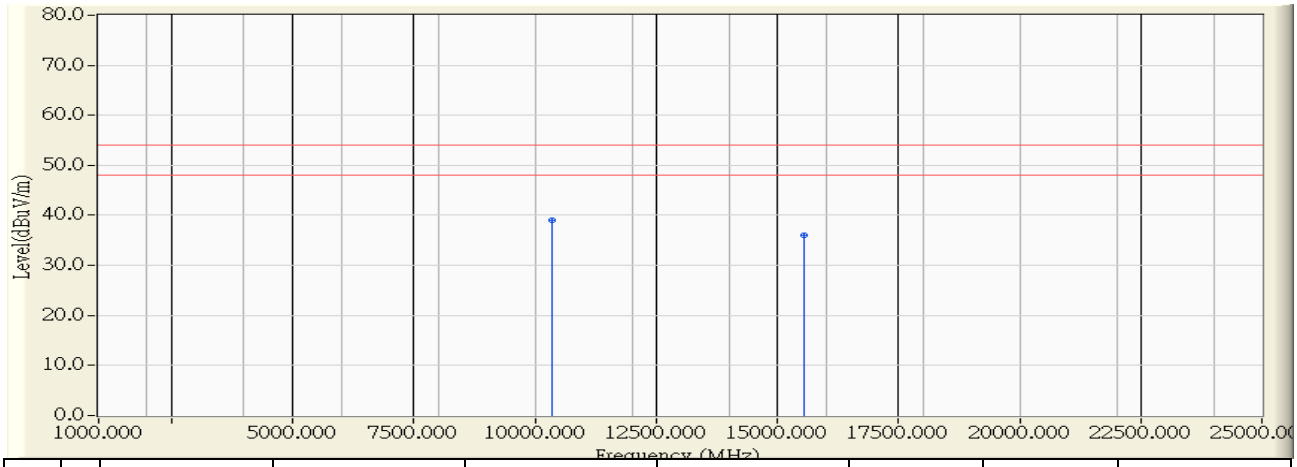


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5611.699	3.126	56.840	59.966	-8.334	68.300	PEAK
2		10362.680	10.323	44.260	54.583	-13.717	68.300	PEAK
3		15539.340	11.072	43.990	55.062	-13.238	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, 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 : 2014/06/30 - 11:08**
Limit : FCC_SPARTE_15.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n(20M)_5180MHz**

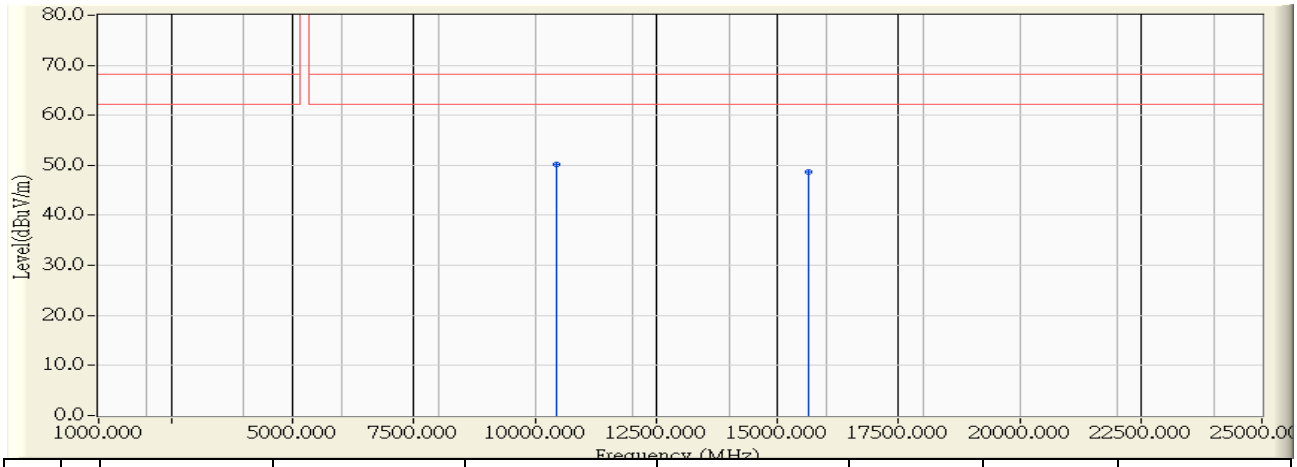


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	10361.280	10.327	28.640	38.967	-15.033	54.000	AVERAGE
2		15539.400	11.072	24.980	36.052	-17.948	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, 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 : 2014/06/30 - 11:27**
Limit : FCC_SPARTE_15.407_H_Band1_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n(20M)_5220MHz**

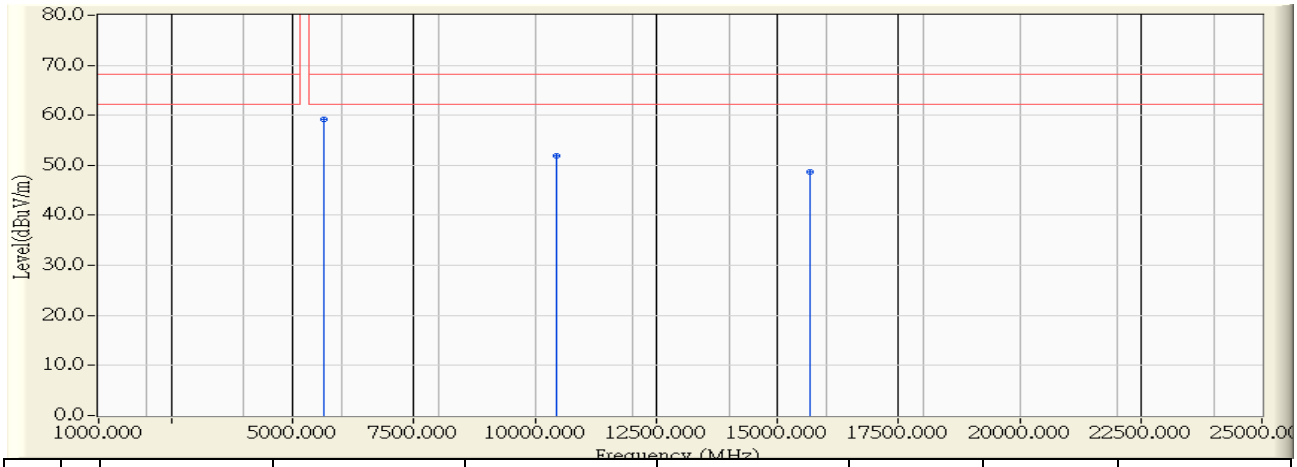


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	10446.640	10.073	40.030	50.103	-18.197	68.300	PEAK
2		15650.160	10.948	37.740	48.688	-19.612	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, 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 : 2014/06/30 - 11:31**
Limit : FCC_SPARTE_15.407_H_Band1_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n(20M)_5220MHz**

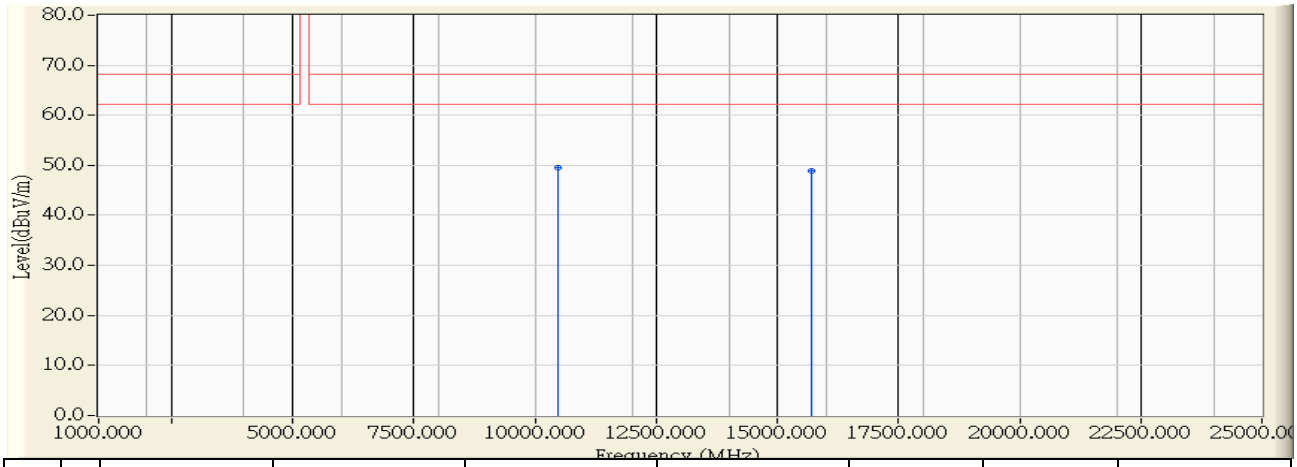


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5654.760	2.960	56.130	59.090	-9.210	68.300	PEAK
2		10440.620	10.091	41.850	51.941	-16.359	68.300	PEAK
3		15663.880	10.933	37.740	48.673	-19.627	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, 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 : 2014/06/30 - 11:40**
Limit : FCC_SPARTE_15.407_H_Band1_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n(20M)_5240MHz**

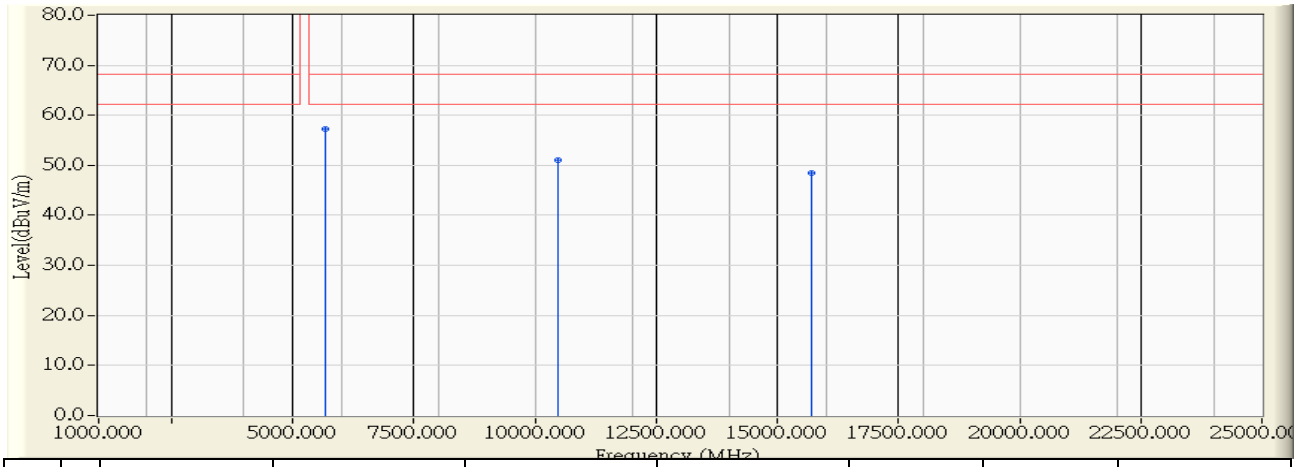


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	10474.340	10.040	39.520	49.561	-18.739	68.300	PEAK
2		15709.380	10.882	37.990	48.872	-19.428	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, 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 : 2014/06/30 - 11:45**
Limit : FCC_SPARTE_15.407_H_Band1_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n(20M)_5240MHz**

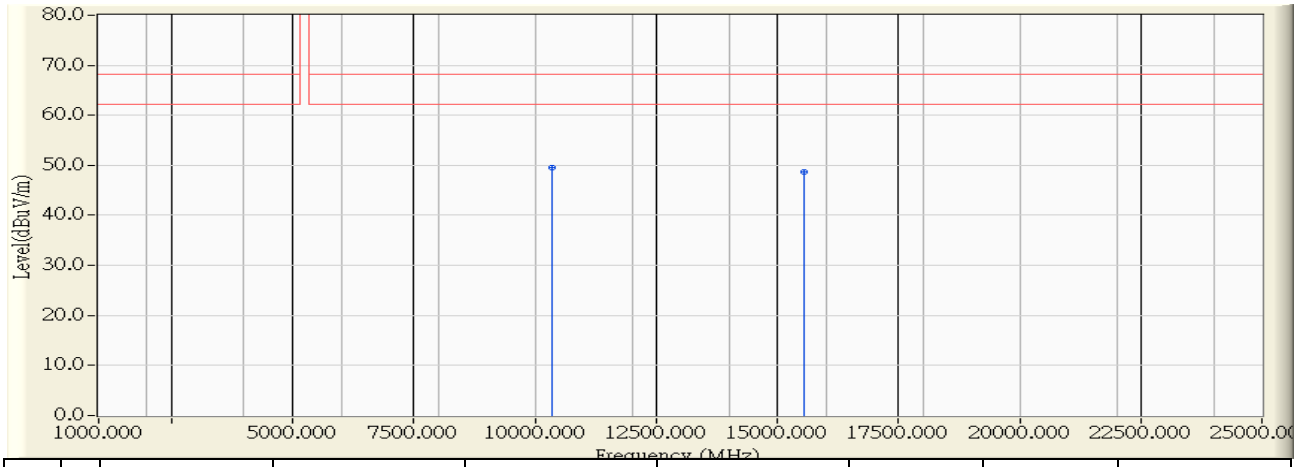


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5676.523	2.877	54.480	57.357	-10.943	68.300	PEAK
2		10480.220	10.061	40.980	51.041	-17.259	68.300	PEAK
3		15705.660	10.887	37.490	48.376	-19.924	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, 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 : 2014/06/30 - 11:51**
Limit : FCC_SPARTE_15.407_H_Band1_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n(40M)_5190MHz**

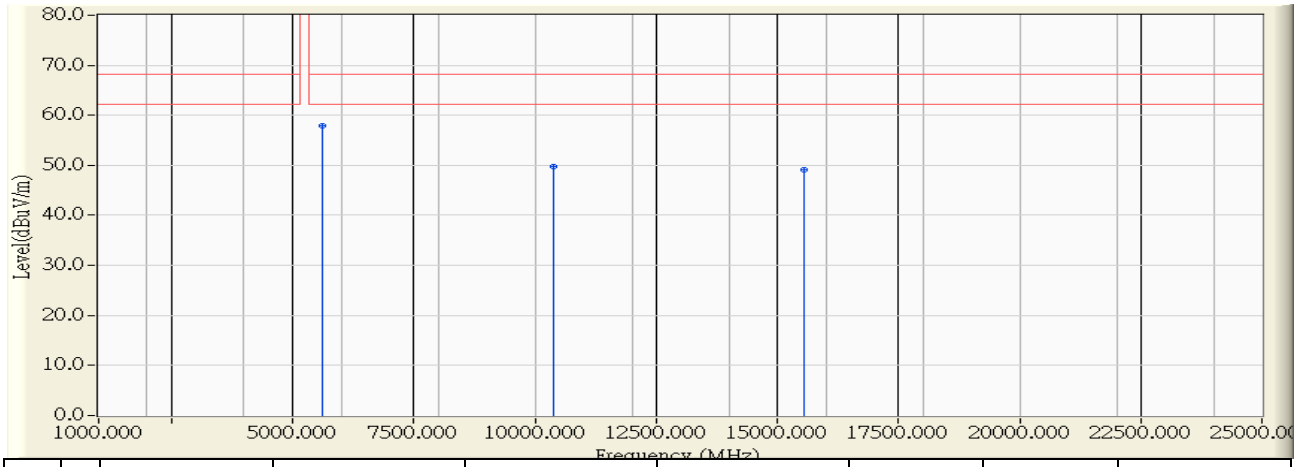


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	10369.120	10.304	39.190	49.494	-18.806	68.300	PEAK
2		15551.560	11.059	37.610	48.668	-19.632	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, 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 : 2014/06/30 - 11:55**
Limit : FCC_SPARTE_15.407_H_Band1_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n(40M)_5190MHz**

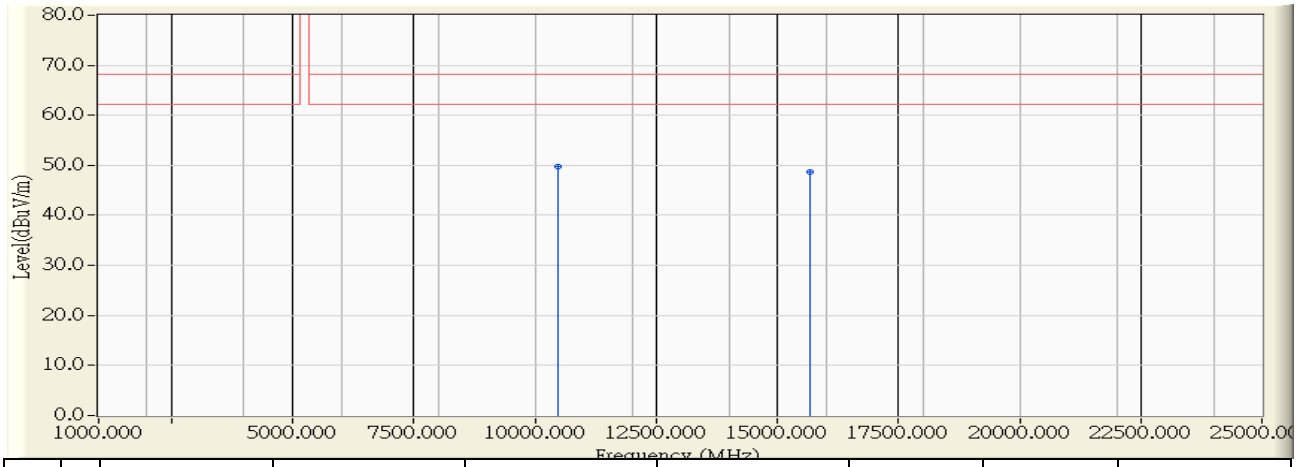


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5622.452	3.085	54.730	57.815	-10.485	68.300	PEAK
2		10394.960	10.227	39.530	49.757	-18.543	68.300	PEAK
3		15544.920	11.066	37.970	49.036	-19.264	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, 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 : 2014/06/30 - 12:02**
Limit : FCC_SPARTE_15.407_H_Band1_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n(40M)_5230MHz**

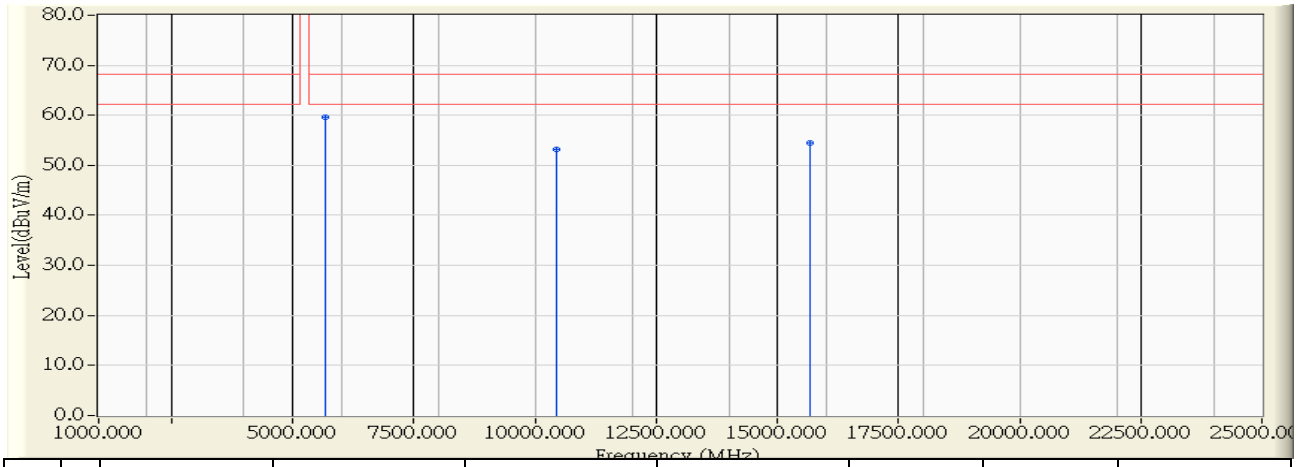


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	10463.600	10.034	39.650	49.684	-18.616	68.300	PEAK
2		15677.040	10.919	37.750	48.668	-19.632	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, 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 : 2014/06/30 - 13:05**
Limit : FCC_SPARTE_15.407_H_Band1_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n(40M)_5230MHz**

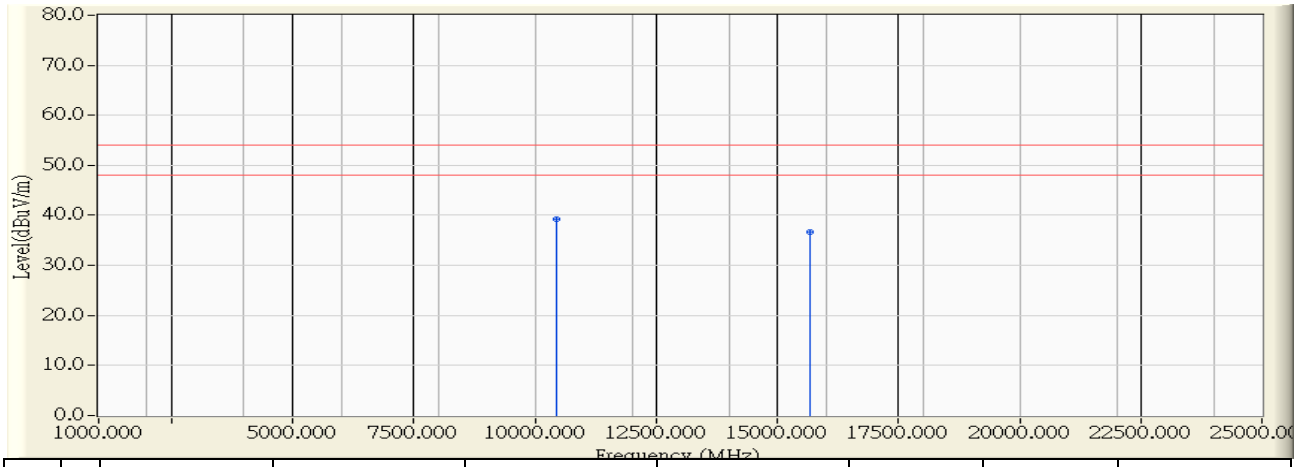


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5665.865	2.918	56.690	59.608	-8.692	68.300	PEAK
2		10457.920	10.045	43.150	53.195	-15.105	68.300	PEAK
3		15684.800	10.910	43.540	54.450	-13.850	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, 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 : 2014/06/30 - 13:06**
Limit : FCC_SPARTE_15.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11n(40M)_5230MHz**

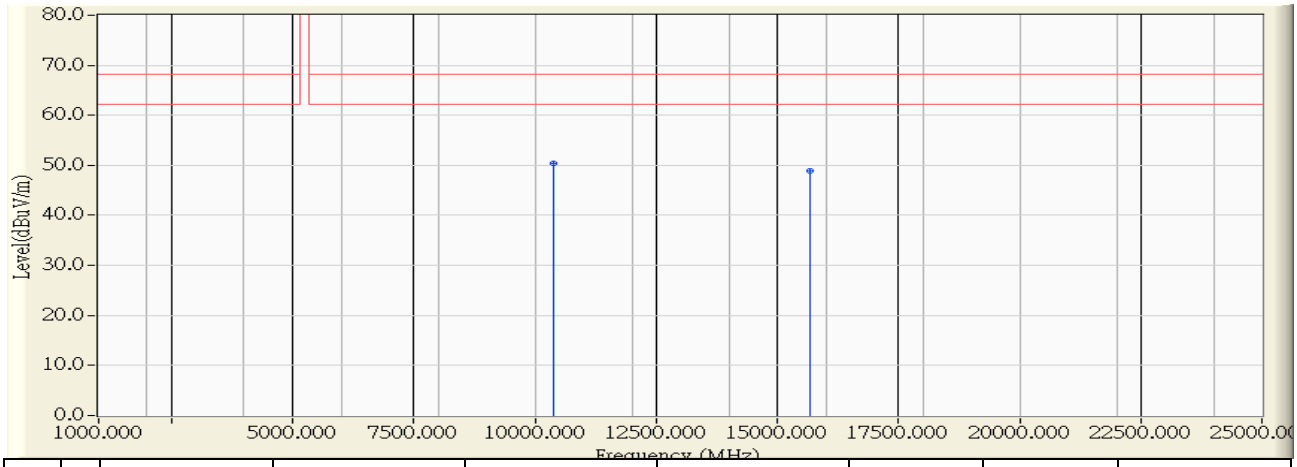


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	10460.400	10.040	29.230	39.270	-14.730	54.000	AVERAGE
2		15689.320	10.905	25.740	36.645	-17.355	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, 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 : 2014/06/30 - 13:36**
Limit : FCC_SPARTE_15.407_H_Band1_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11ac(80M)_5210MHz**

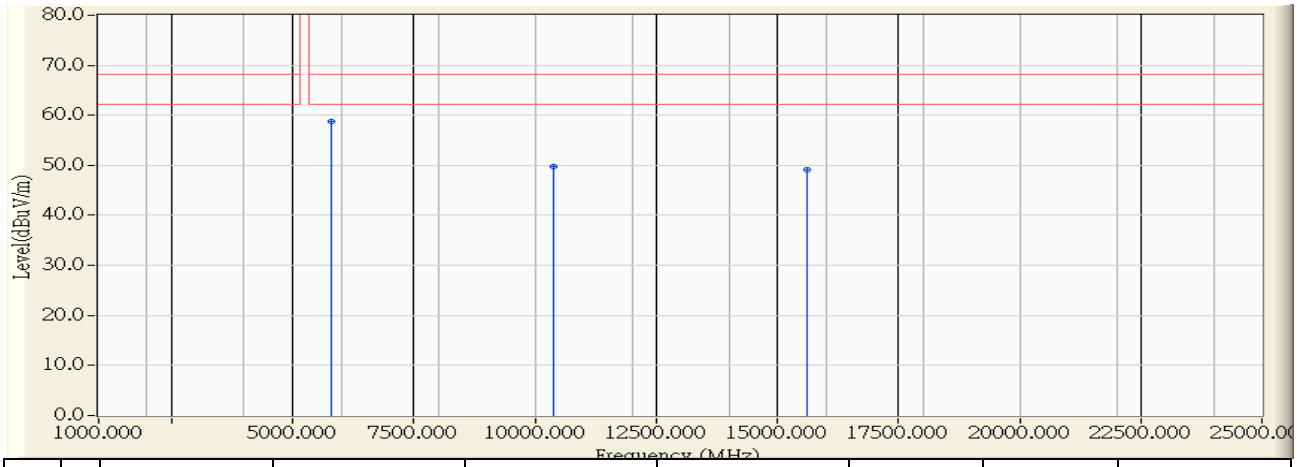


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	10383.160	10.261	40.110	50.372	-17.928	68.300	PEAK
2		15667.560	10.929	37.880	48.809	-19.491	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, 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 : 2014/06/30 - 13:41**
Limit : FCC_SPARTE_15.407_H_Band1_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH-802.11ac(80M)_5210MHz**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5788.980	2.443	56.320	58.763	-9.537	68.300	PEAK
2		10381.200	10.267	39.550	49.818	-18.482	68.300	PEAK
3		15616.960	10.986	38.120	49.105	-19.195	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, 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. Band Edge

7.1. Test Equipment

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

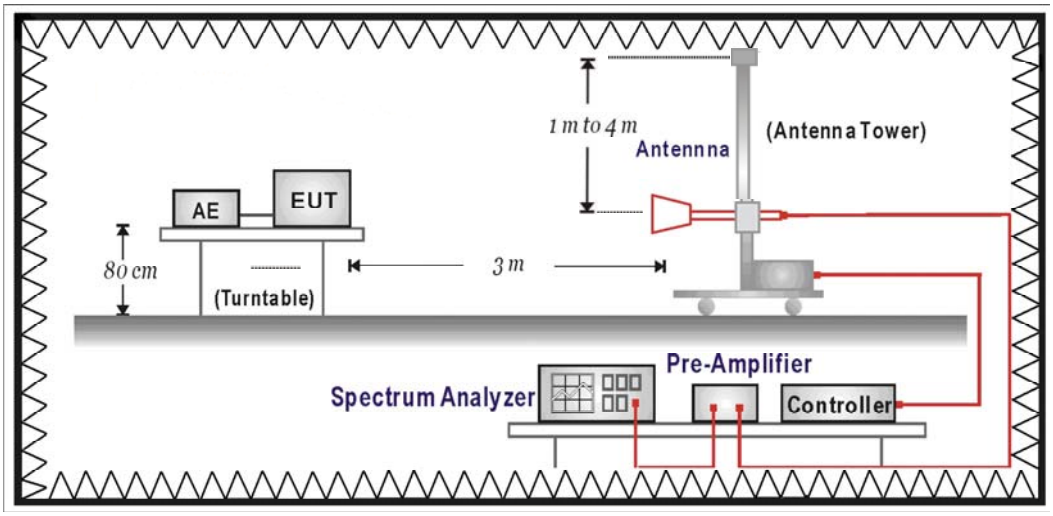
Radiated Emission Band Edge / CB1

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Double Ridged Guide Horn Antenna	Schwarzback	BBHA 9120	D743	2015/02/12
Spectrum Analyzer	Agilent	E4440A	MY46187335	2015/01/12
k Type Cable	Huber Suhner	Sucoflex 102	25623/2	2015/02/10

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

7.2. Test Setup

RF Radiated Measurement:



7.3. Limits

➢ General Radiated Emission Limits

The provisions of Section 15.205 of this part apply to intentional radiators operating under this section. Radiated emissions which fall in the restricted bands, as defined in Section 15.205, must also comply with the radiated emission limits specified in Section 15.209:

FCC Part 15 Subpart C Paragraph 15.209 Limits		
Frequency MHz	uV/m @3m	dBuV/m@3m
30-88	100	40
88-216	150	43.5
216-960	200	46
Above 960	500	54

Remark:

4. RF Voltage (dBuV) = 20 log RF Voltage (uV)
5. In the Above Table, the tighter limit applies at the band edges.
6. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

➢ Unwanted Emission out of the restricted bands Limits

FCC Part 15 Subpart C Paragraph 15.407(b) Limits		
Frequency (MHz)	EIRP Limit (dBm)	Equivalent Field Strength (dBuV/m@3m)
5150~5250	-27	68.3
5250~5350	-27	68.3
5470~5725	-27	68.3
5725~5825	-27 (Note1)	68.3
	-17 (Note2)	78.3

Remark:

4. For frequencies more than 10 MHz above or below the band edges.
5. For frequency range from the band edges to 10 MHz above or below the band edges.
6. uV/m = $\frac{1000000\sqrt{30 \times EIRP}}{3}$, RF Voltage (dBuV/m) = 20 log RF Voltage (uV/m)

7.4. Test Procedure

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

The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.10on radiated measurement.

The bandwidth below 1GHz setting on the field strength meter is 120 KHz, above 1GHz are 1 MHz.

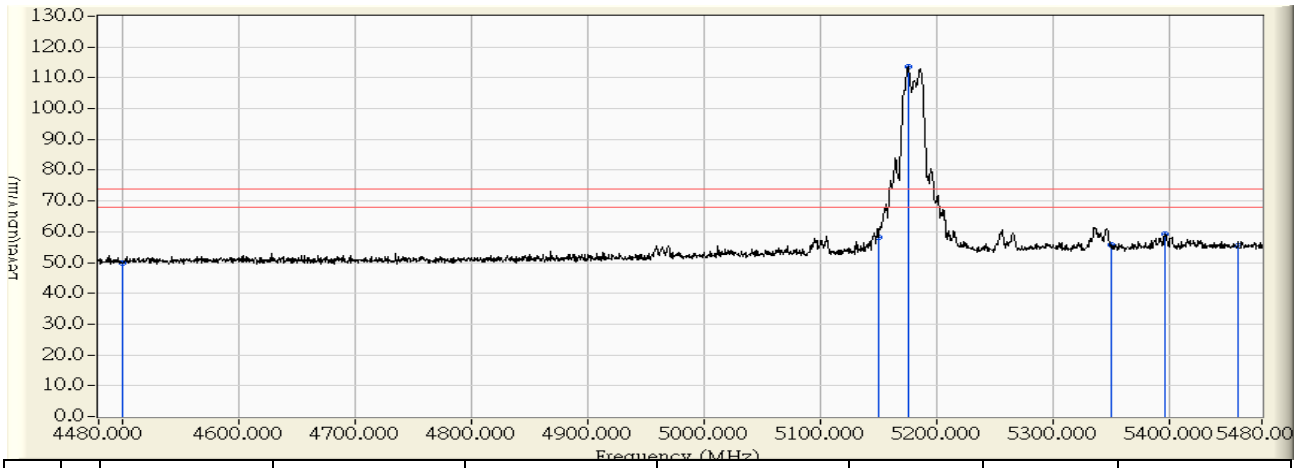
7.5. Uncertainty

The measurement uncertainty is defined as ± 3.65dB

7.6. Test Result

Radiated is defined as

Site : CB1	**Time : 2014/07/04 - 16:52**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH_802.11a_5180 MHz**

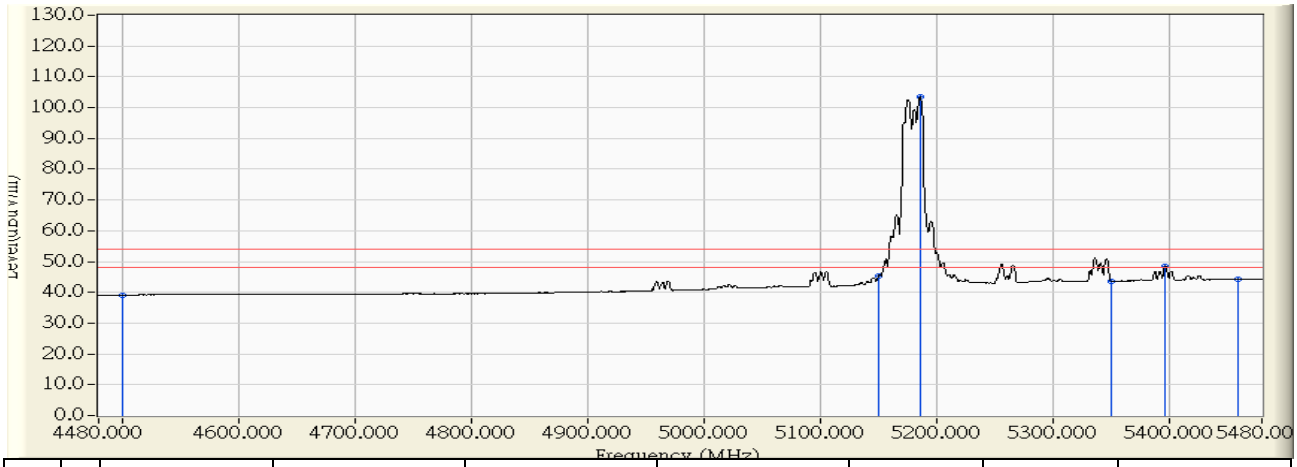


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-1.324	51.096	49.772	-24.228	74.000	PEAK
2		5150.000	1.239	57.022	58.261	-15.739	74.000	PEAK
3	*	5176.000	1.441	112.164	113.605	39.605	74.000	PEAK
4		5350.000	2.790	52.843	55.633	-18.367	74.000	PEAK
5		5396.500	3.151	56.183	59.334	-14.666	74.000	PEAK
6		5460.000	3.622	51.822	55.444	-18.556	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 : 2014/07/04 - 16:53**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH_802.11a_5180 MHz**

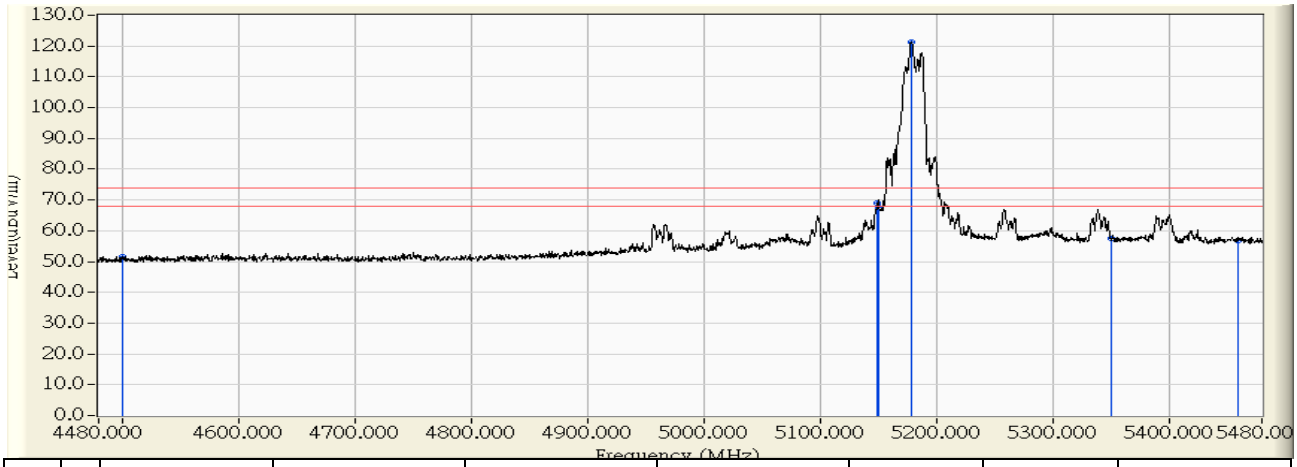


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-1.324	40.482	39.158	-14.842	54.000	AVERAGE
2		5150.000	1.239	43.945	45.184	-8.816	54.000	AVERAGE
3	*	5186.500	1.522	101.836	103.358	49.358	54.000	AVERAGE
4		5350.000	2.790	40.940	43.730	-10.270	54.000	AVERAGE
5		5397.000	3.154	45.376	48.530	-5.470	54.000	AVERAGE
6		5460.000	3.622	40.554	44.176	-9.824	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 : 2014/07/04 - 16:59**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH_802.11a_5180 MHz**

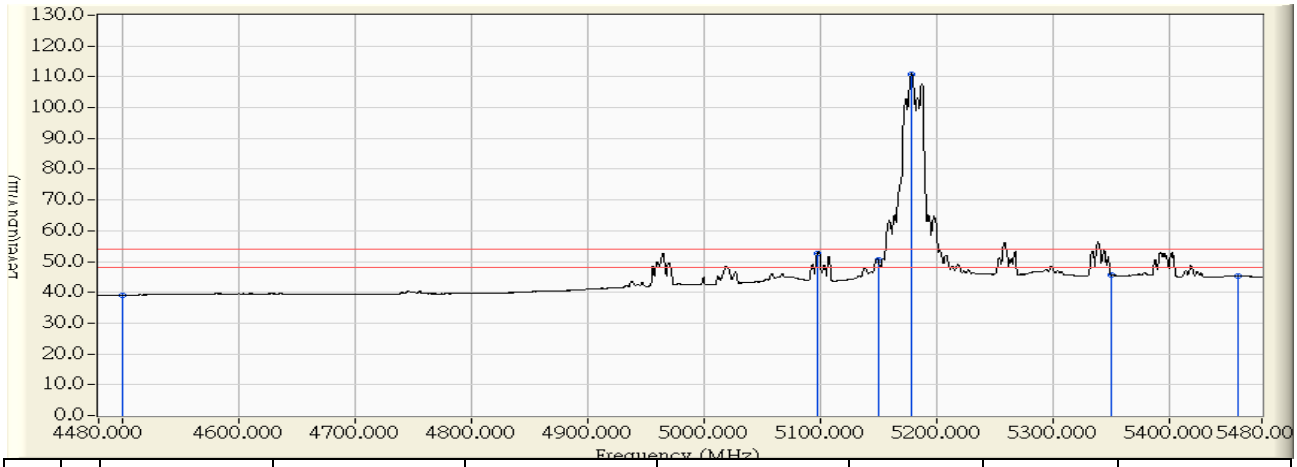


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-1.324	52.797	51.473	-22.527	74.000	PEAK
2		5149.500	1.235	67.701	68.936	-5.064	74.000	PEAK
3		5150.000	1.239	66.251	67.490	-6.510	74.000	PEAK
4	*	5179.000	1.463	119.827	121.291	47.291	74.000	PEAK
5		5350.000	2.790	54.698	57.488	-16.512	74.000	PEAK
6		5460.000	3.622	53.344	56.966	-17.034	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 : 2014/07/04 - 17:03**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH_802.11a_5180 MHz**

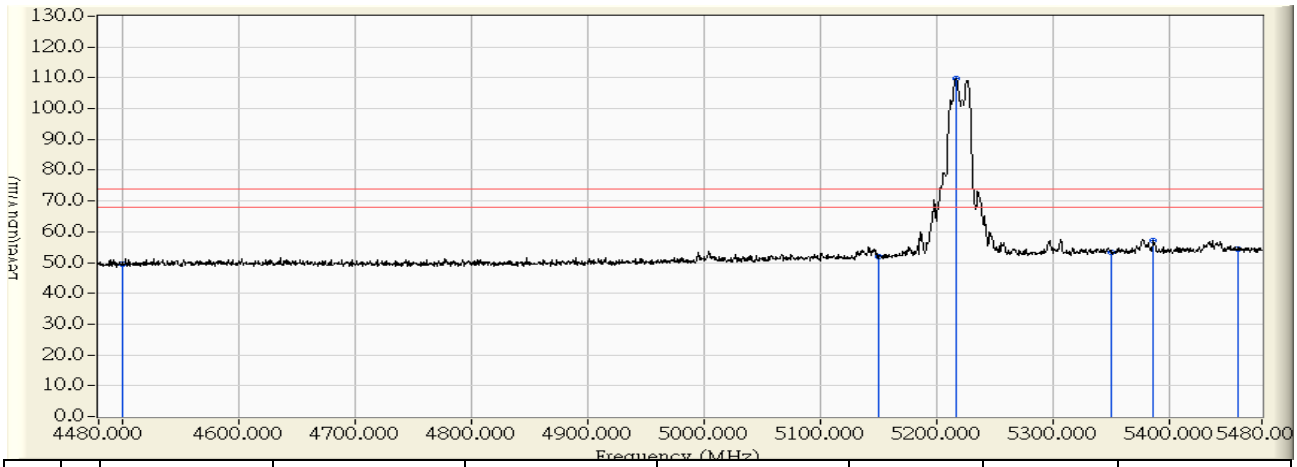


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-1.324	40.432	39.108	-14.892	54.000	PEAK
2		5098.000	0.836	51.805	52.641	-1.359	54.000	PEAK
3		5150.000	1.239	49.406	50.645	-3.355	54.000	PEAK
4	*	5179.000	1.463	109.457	110.921	56.921	54.000	PEAK
5		5350.000	2.790	42.756	45.546	-8.454	54.000	PEAK
6		5460.000	3.622	41.674	45.296	-8.704	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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 - 16:00**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH_802.11a_5220 MHz**

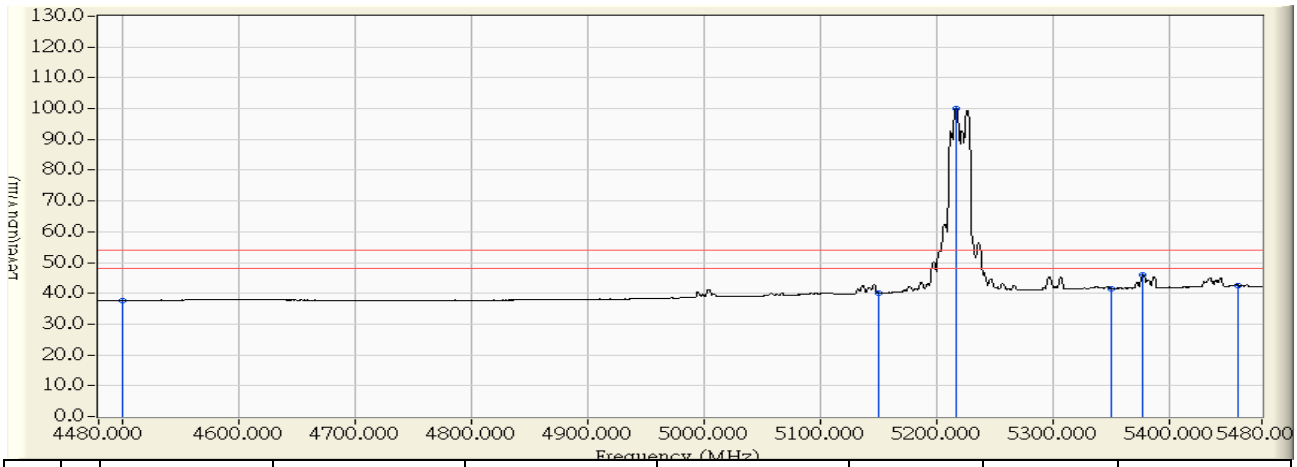


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	52.125	49.467	-24.533	74.000	PEAK
2		5150.000	-0.488	52.450	51.963	-22.037	74.000	PEAK
3	*	5217.500	0.064	109.687	109.750	35.750	74.000	PEAK
4		5350.000	1.143	52.239	53.383	-20.617	74.000	PEAK
5		5387.000	1.446	55.748	57.193	-16.807	74.000	PEAK
6		5460.000	2.021	52.201	54.222	-19.778	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 - 16:02**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH_802.11a_5220 MHz**

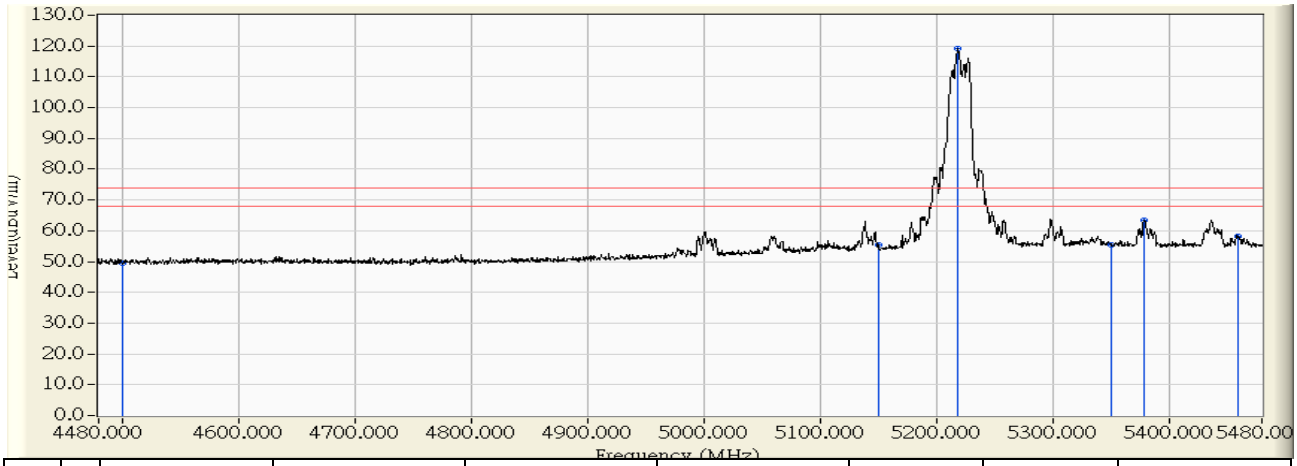


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	40.297	37.639	-16.361	54.000	AVERAGE
2		5150.000	-0.488	40.488	40.001	-13.999	54.000	AVERAGE
3	*	5217.000	0.059	100.121	100.180	46.180	54.000	AVERAGE
4		5350.000	1.143	40.455	41.599	-12.401	54.000	AVERAGE
5		5377.500	1.368	44.531	45.899	-8.101	54.000	AVERAGE
6		5460.000	2.021	40.366	42.387	-11.613	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 - 15:46**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH_802.11a_5220 MHz**

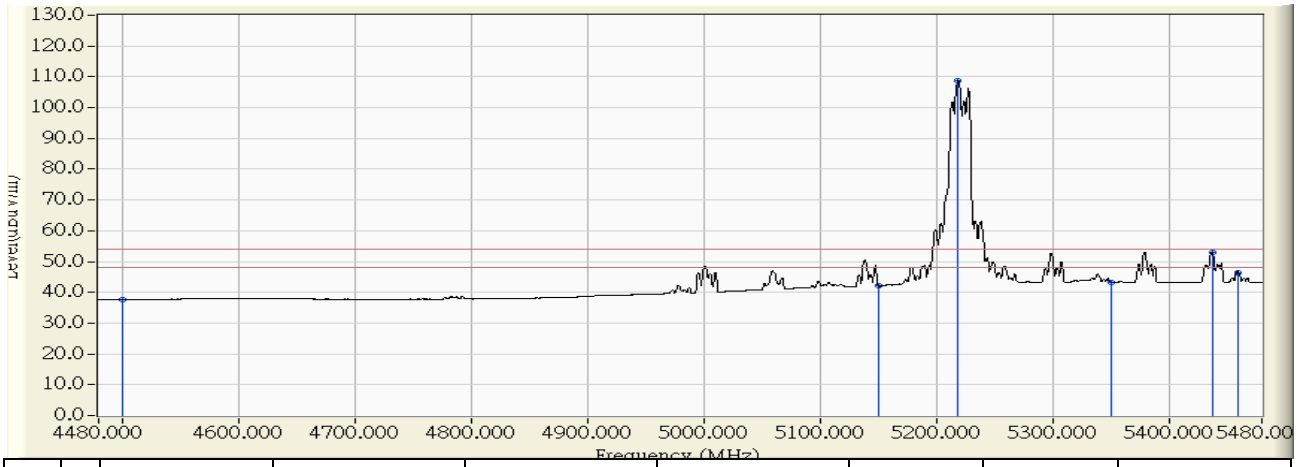


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	52.149	49.491	-24.509	74.000	PEAK
2		5150.000	-0.488	55.757	55.270	-18.730	74.000	PEAK
3	*	5218.500	0.072	118.999	119.070	45.070	74.000	PEAK
4		5350.000	1.143	54.123	55.267	-18.733	74.000	PEAK
5		5378.500	1.375	61.929	63.305	-10.695	74.000	PEAK
6		5460.000	2.021	56.014	58.035	-15.965	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 - 15:43**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH_802.11a_5220 MHz**

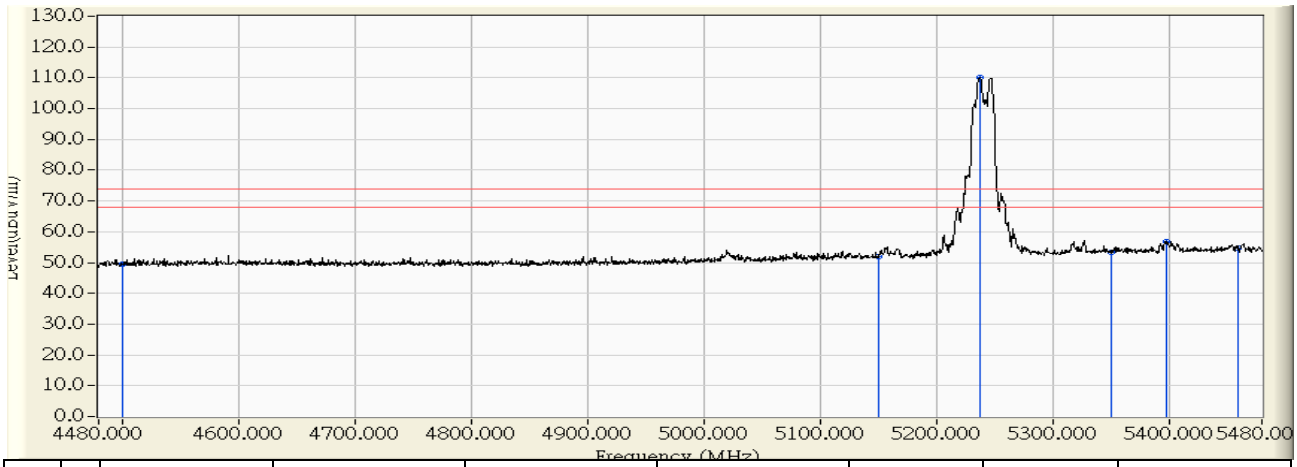


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	40.303	37.645	-16.355	54.000	AVERAGE
2		5150.000	-0.488	42.551	42.064	-11.936	54.000	AVERAGE
3	*	5219.000	0.074	108.685	108.760	54.760	54.000	AVERAGE
4		5350.000	1.143	42.214	43.358	-10.642	54.000	AVERAGE
5		5437.500	1.858	51.172	53.029	-0.971	54.000	AVERAGE
6		5460.000	2.021	44.462	46.483	-7.517	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 - 16:23**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH_802.11a_5240 MHz**

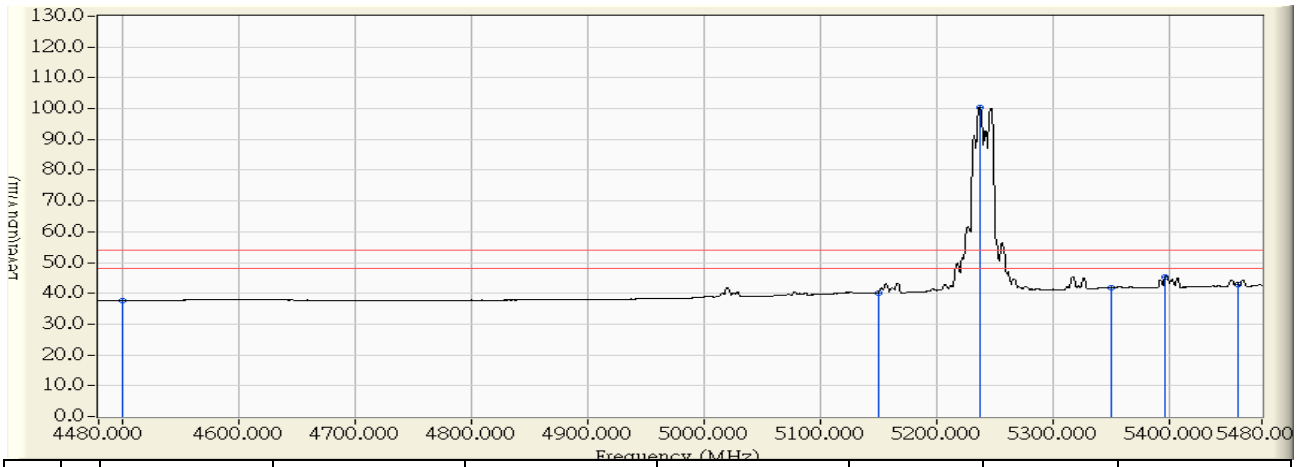


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	52.041	49.383	-24.617	74.000	PEAK
2		5150.000	-0.488	52.519	52.032	-21.968	74.000	PEAK
3	*	5237.500	0.227	109.857	110.083	36.083	74.000	PEAK
4		5350.000	1.143	52.311	53.455	-20.545	74.000	PEAK
5		5398.000	1.536	55.365	56.900	-17.100	74.000	PEAK
6		5460.000	2.021	52.631	54.652	-19.348	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 - 16:26**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH_802.11a_5240 MHz**

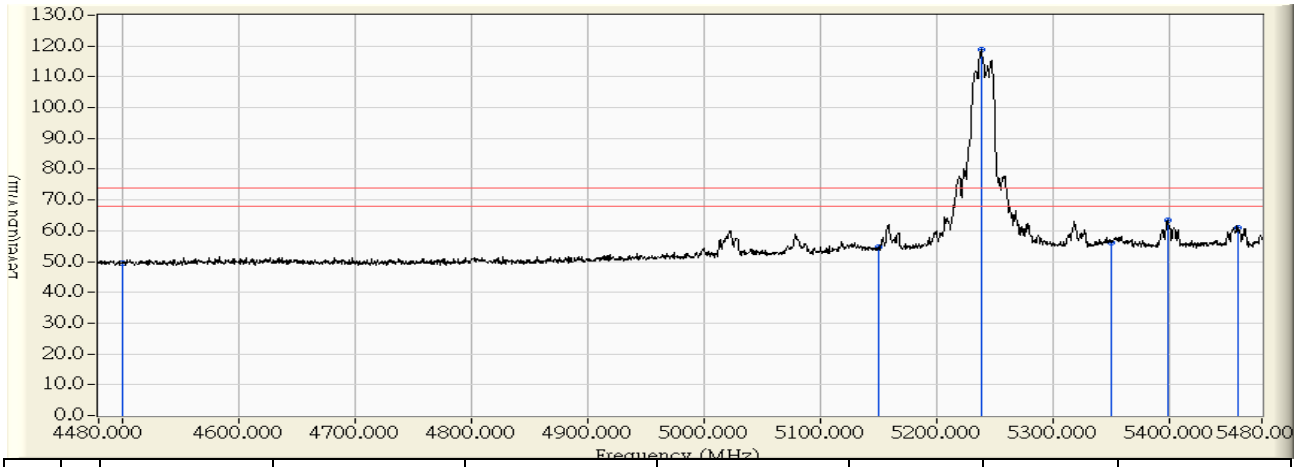


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	40.306	37.648	-16.352	54.000	AVERAGE
2		5150.000	-0.488	40.518	40.031	-13.969	54.000	AVERAGE
3	*	5237.500	0.227	100.106	100.332	46.332	54.000	AVERAGE
4		5350.000	1.143	40.711	41.855	-12.145	54.000	AVERAGE
5		5397.000	1.527	43.930	45.457	-8.543	54.000	AVERAGE
6		5460.000	2.021	40.761	42.782	-11.218	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 - 16:18**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH_802.11a_5240 MHz**

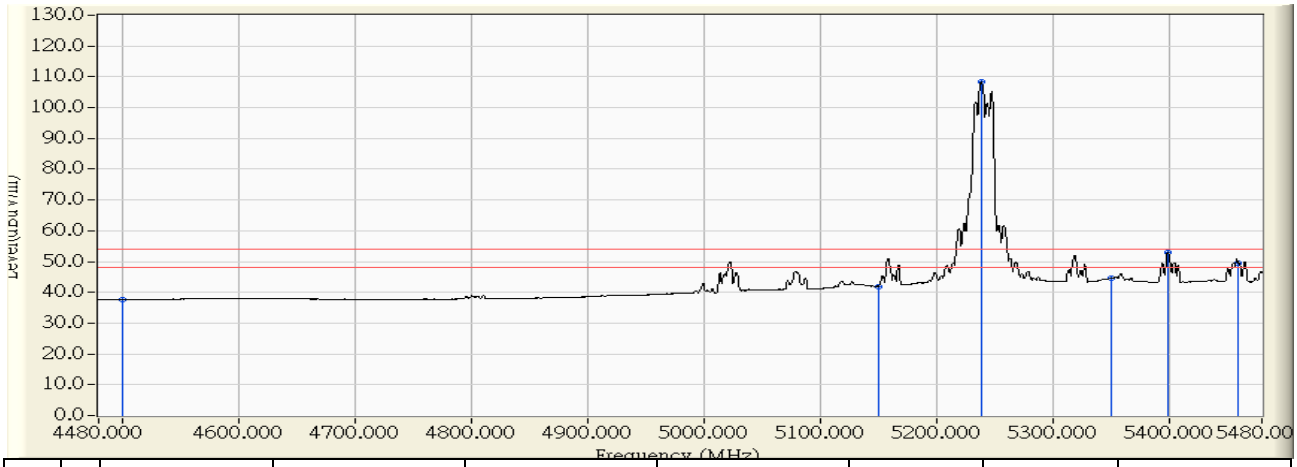


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	52.223	49.565	-24.435	74.000	PEAK
2		5150.000	-0.488	55.138	54.651	-19.349	74.000	PEAK
3	*	5239.000	0.238	118.507	118.745	44.745	74.000	PEAK
4		5350.000	1.143	55.017	56.161	-17.839	74.000	PEAK
5		5399.000	1.542	61.789	63.332	-10.668	74.000	PEAK
6		5460.000	2.021	58.814	60.835	-13.165	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 - 16:16**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH_802.11a_5240 MHz**

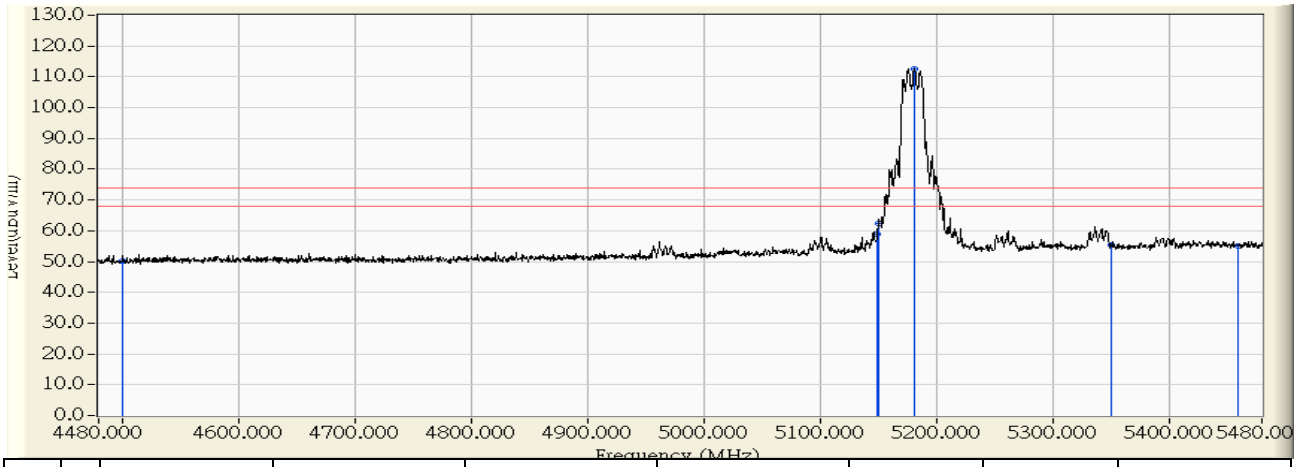


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	40.269	37.611	-16.389	54.000	AVERAGE
2		5150.000	-0.488	42.479	41.992	-12.008	54.000	AVERAGE
3	*	5239.000	0.238	108.219	108.457	54.457	54.000	AVERAGE
4		5350.000	1.143	43.320	44.464	-9.536	54.000	AVERAGE
5		5399.000	1.542	51.331	52.874	-1.126	54.000	AVERAGE
6		5460.000	2.021	47.385	49.406	-4.594	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 : 2014/07/04 - 17:29**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH_802.11n(20M)_5180 MHz**

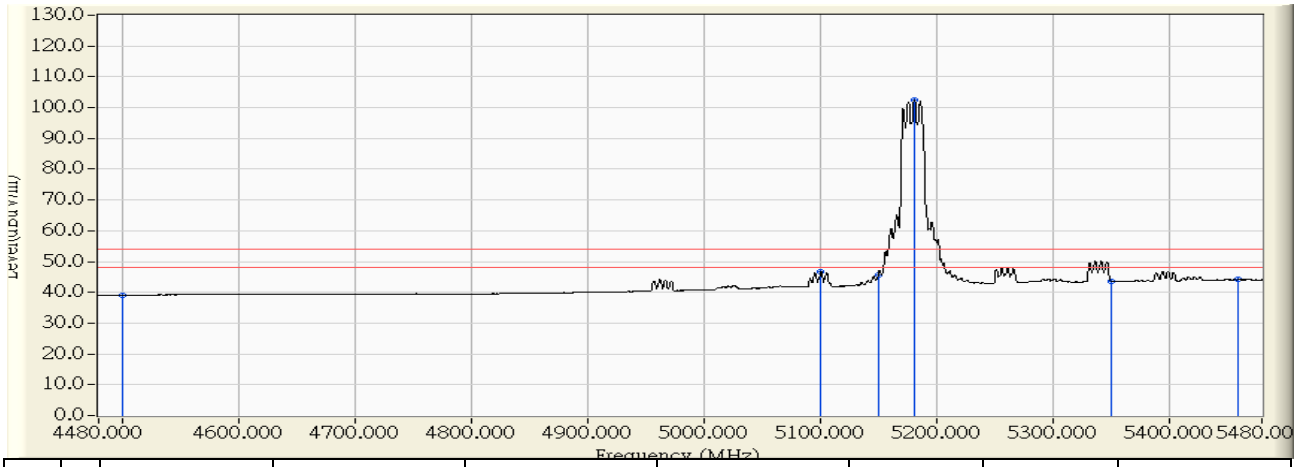


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-1.324	51.583	50.259	-23.741	74.000	PEAK
2		5149.500	1.235	57.551	58.786	-15.214	74.000	PEAK
3		5150.000	1.239	61.096	62.335	-11.665	74.000	PEAK
4	*	5181.500	1.484	110.995	112.478	38.478	74.000	PEAK
5		5350.000	2.790	52.540	55.330	-18.670	74.000	PEAK
6		5460.000	3.622	51.598	55.220	-18.780	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 : 2014/07/04 - 17:35**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH_802.11n(20M)_5180 MHz**

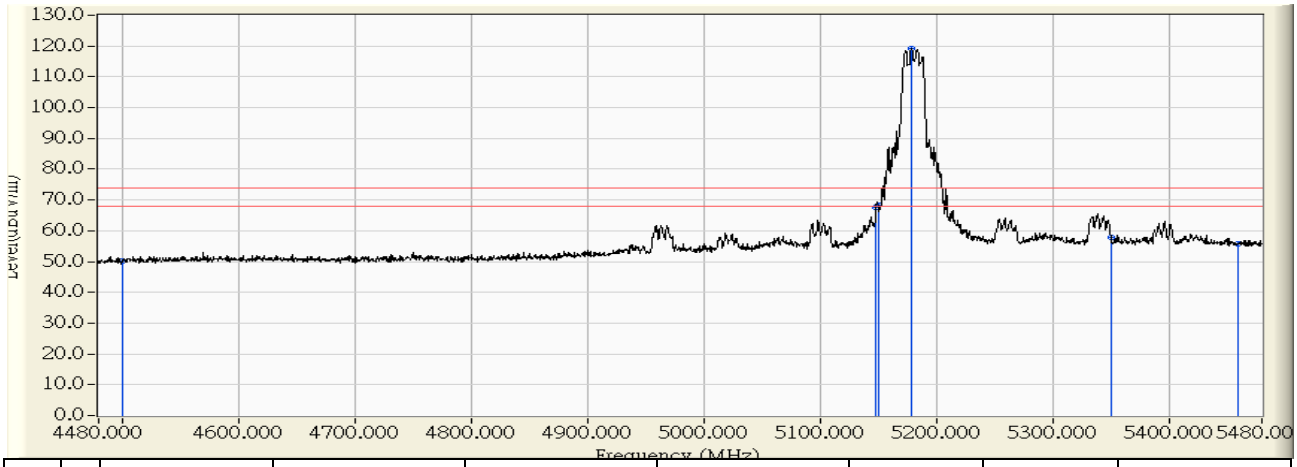


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-1.324	40.343	39.019	-14.981	54.000	AVERAGE
2		5100.500	0.855	45.818	46.673	-7.327	54.000	AVERAGE
3		5150.000	1.239	44.286	45.525	-8.475	54.000	AVERAGE
4	*	5181.500	1.484	101.119	102.602	48.602	54.000	AVERAGE
5		5350.000	2.790	40.827	43.617	-10.383	54.000	AVERAGE
6		5460.000	3.622	40.474	44.096	-9.904	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 : 2014/07/04 - 17:39**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH_802.11n(20M)_5180 MHz**

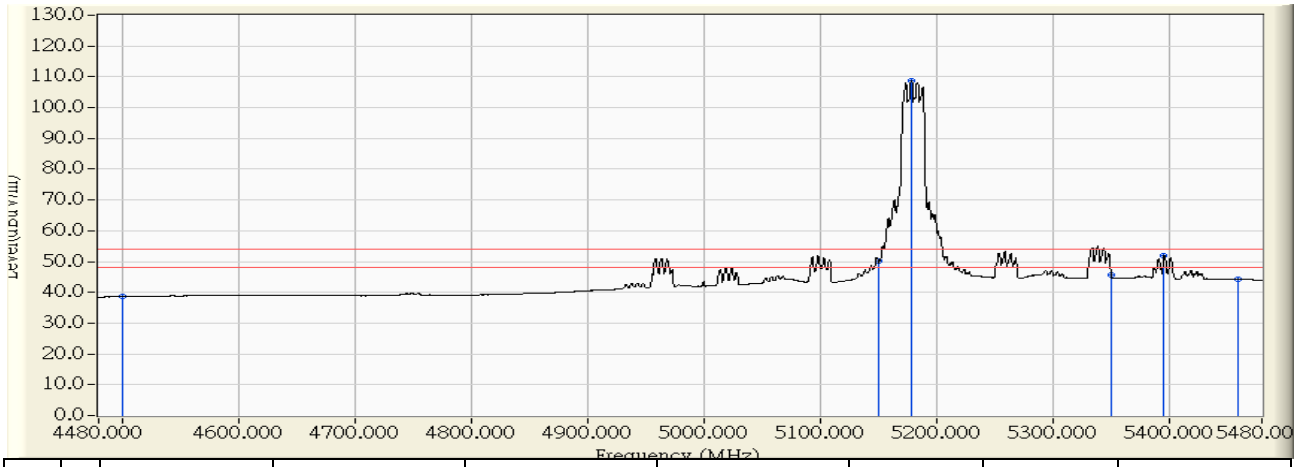


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-1.324	51.514	50.190	-23.810	74.000	PEAK
2		5148.000	1.224	66.459	67.682	-6.318	74.000	PEAK
3		5150.000	1.239	67.018	68.257	-5.743	74.000	PEAK
4	*	5178.500	1.459	117.788	119.248	45.248	74.000	PEAK
5		5350.000	2.790	55.097	57.887	-16.113	74.000	PEAK
6		5460.000	3.622	52.131	55.753	-18.247	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 : 2014/07/04 - 17:45**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH_802.11n(20M)_5180 MHz**

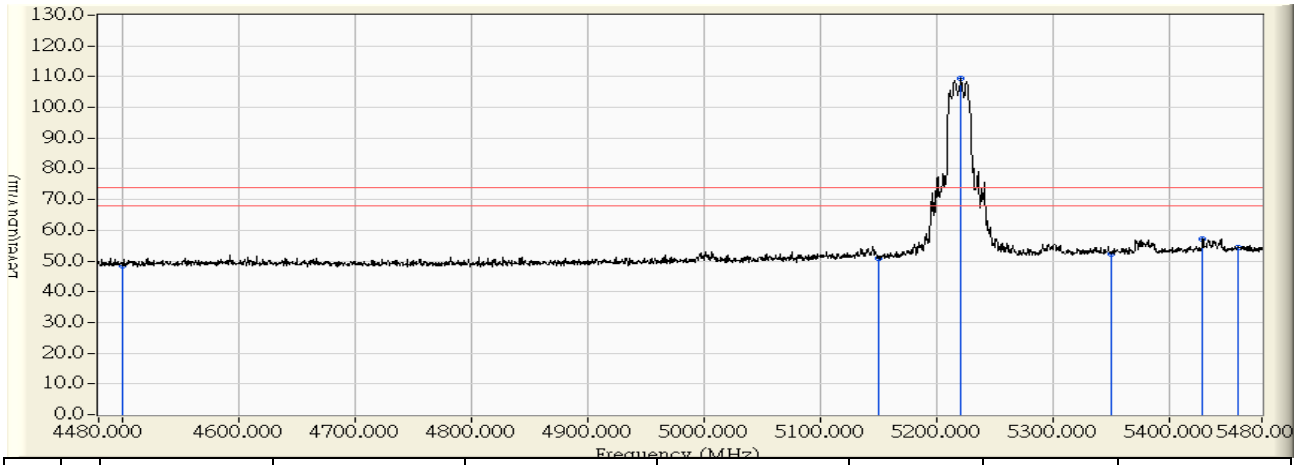


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-1.324	39.918	38.594	-15.406	54.000	AVERAGE
2		5150.000	1.239	48.942	50.181	-3.819	54.000	AVERAGE
3	*	5179.000	1.463	107.181	108.645	54.645	54.000	AVERAGE
4		5350.000	2.790	42.777	45.567	-8.433	54.000	AVERAGE
5		5396.000	3.147	48.907	52.054	-1.946	54.000	AVERAGE
6		5460.000	3.622	40.661	44.283	-9.717	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 - 18:02**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH_802.11n(20M)_5220 MHz**

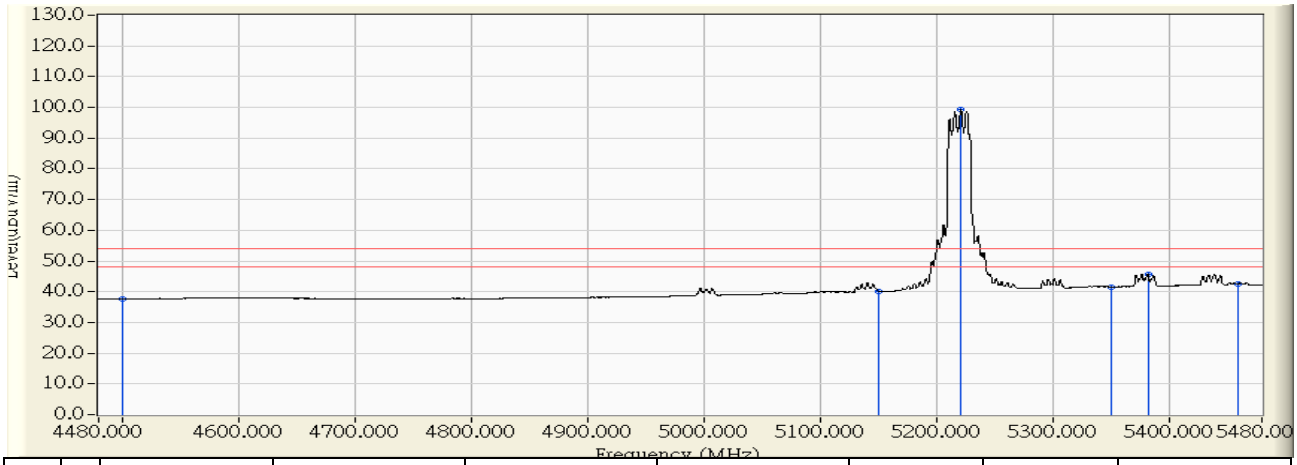


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	51.074	48.416	-25.584	74.000	PEAK
2		5150.000	-0.488	51.380	50.893	-23.107	74.000	PEAK
3	*	5221.000	0.092	109.416	109.508	35.508	74.000	PEAK
4		5350.000	1.143	51.270	52.414	-21.586	74.000	PEAK
5		5429.000	1.787	55.394	57.182	-16.818	74.000	PEAK
6		5460.000	2.021	52.449	54.470	-19.530	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 - 18:04**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH_802.11n(20M)_5220 MHz**

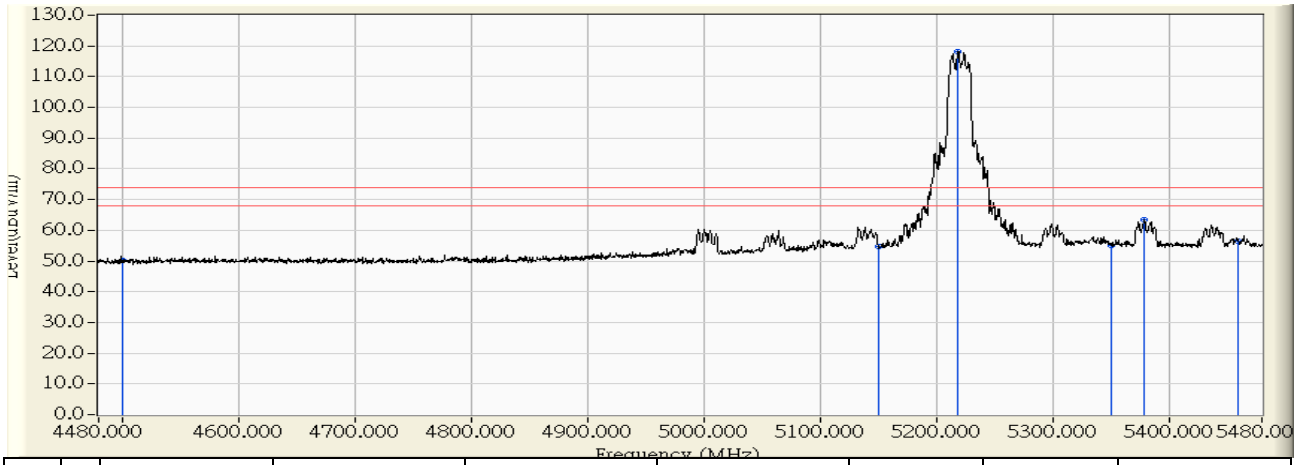


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	40.299	37.641	-16.359	54.000	AVERAGE
2		5150.000	-0.488	40.557	40.070	-13.930	54.000	AVERAGE
3	*	5221.000	0.092	99.200	99.292	45.292	54.000	AVERAGE
4		5350.000	1.143	40.417	41.561	-12.439	54.000	AVERAGE
5		5382.000	1.405	44.256	45.660	-8.340	54.000	AVERAGE
6		5460.000	2.021	40.460	42.481	-11.519	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 - 17:57**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH_802.11n(20M)_5220 MHz**

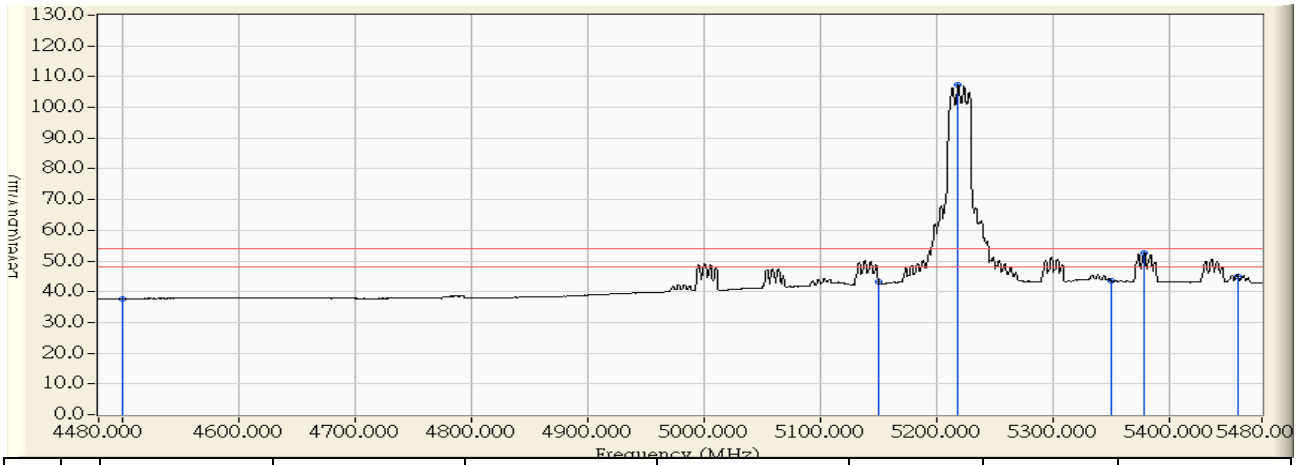


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	52.788	50.130	-23.870	74.000	PEAK
2		5150.000	-0.488	55.170	54.683	-19.317	74.000	PEAK
3	*	5218.500	0.072	118.018	118.089	44.089	74.000	PEAK
4		5350.000	1.143	53.814	54.958	-19.042	74.000	PEAK
5		5379.000	1.379	62.090	63.470	-10.530	74.000	PEAK
6		5460.000	2.021	54.425	56.446	-17.554	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 - 17:54**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH_802.11n(20M)_5220 MHz**

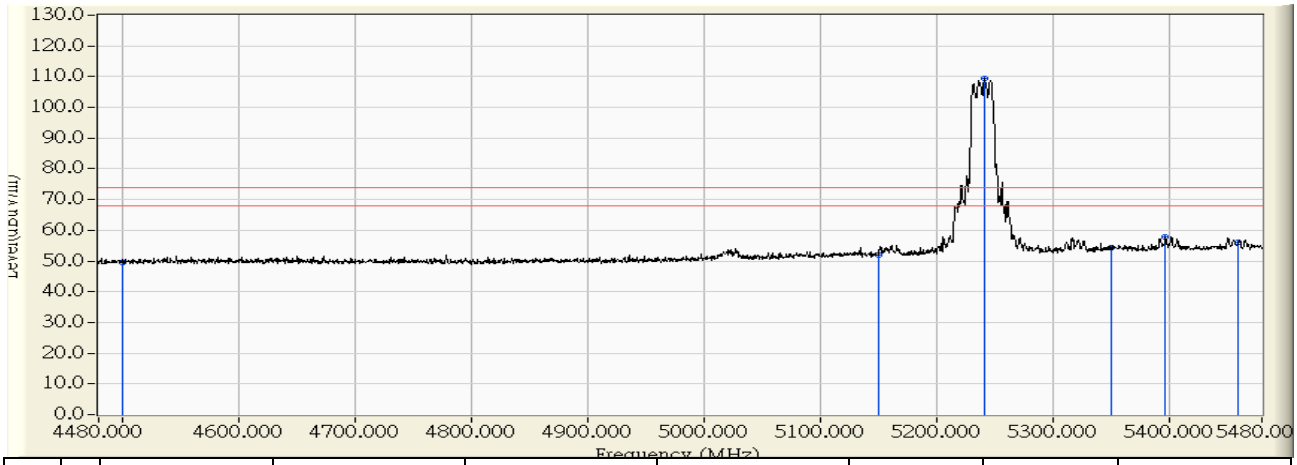


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	40.363	37.705	-16.295	54.000	AVERAGE
2		5150.000	-0.488	43.778	43.291	-10.709	54.000	AVERAGE
3	*	5219.000	0.074	107.285	107.360	53.360	54.000	AVERAGE
4		5350.000	1.143	42.261	43.405	-10.595	54.000	AVERAGE
5		5379.000	1.379	51.323	52.703	-1.297	54.000	AVERAGE
6		5460.000	2.021	42.927	44.948	-9.052	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 - 19:41**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH_802.11n(20M)_5240 MHz**

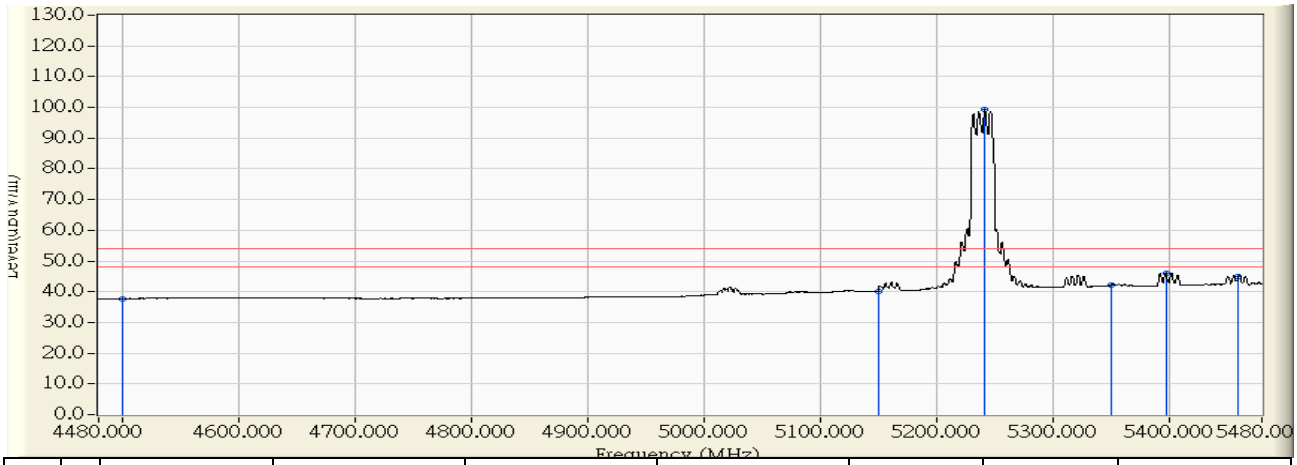


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	52.165	49.507	-24.493	74.000	PEAK
2		5150.000	-0.488	52.551	52.064	-21.936	74.000	PEAK
3	*	5241.000	0.255	109.252	109.507	35.507	74.000	PEAK
4		5350.000	1.143	53.394	54.538	-19.462	74.000	PEAK
5		5397.000	1.527	56.492	58.019	-15.981	74.000	PEAK
6		5460.000	2.021	54.078	56.099	-17.901	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 - 19:44**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH_802.11n(20M)_5240 MHz**

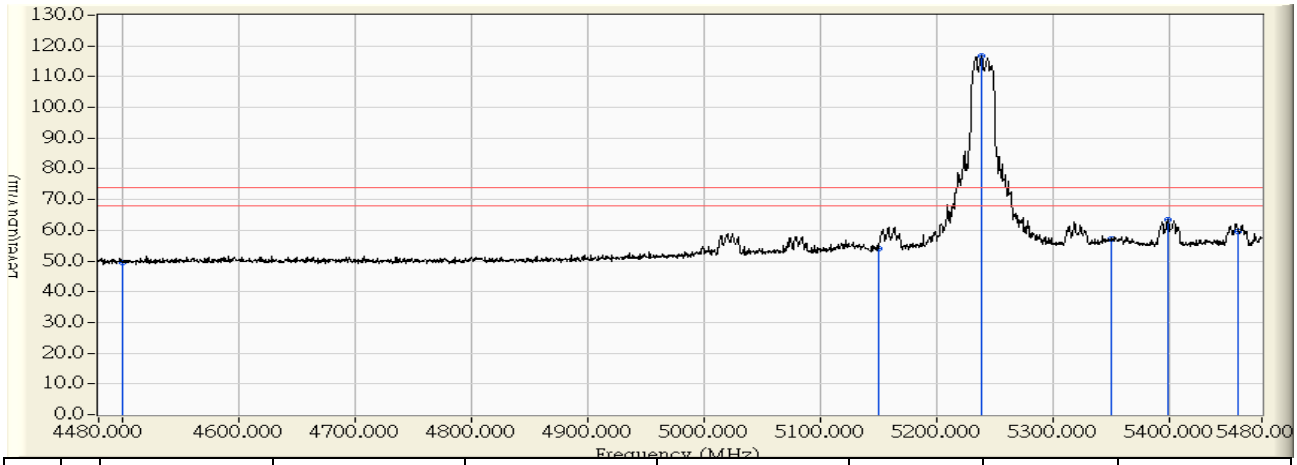


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	40.389	37.731	-16.269	54.000	AVERAGE
2		5150.000	-0.488	40.661	40.174	-13.826	54.000	AVERAGE
3	*	5242.000	0.263	98.896	99.159	45.159	54.000	AVERAGE
4		5350.000	1.143	40.876	42.020	-11.980	54.000	AVERAGE
5		5397.500	1.531	44.515	46.046	-7.954	54.000	AVERAGE
6		5460.000	2.021	42.831	44.852	-9.148	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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 - 19:22**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH_802.11n(20M)_5240 MHz**

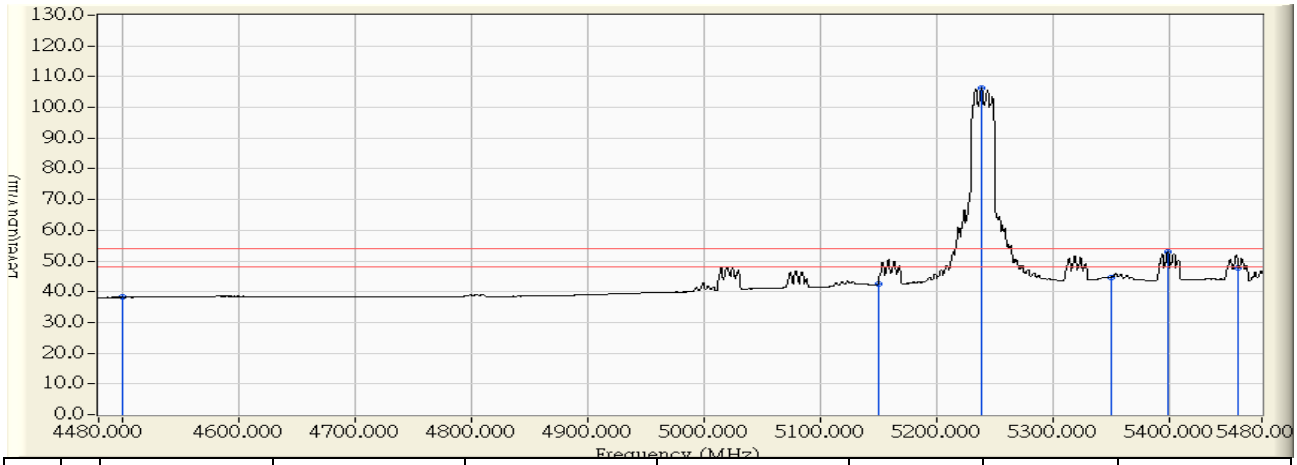


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	52.231	49.573	-24.427	74.000	PEAK
2		5150.000	-0.488	54.418	53.931	-20.069	74.000	PEAK
3	*	5239.000	0.238	116.561	116.799	42.799	74.000	PEAK
4		5350.000	1.143	55.983	57.127	-16.873	74.000	PEAK
5		5399.000	1.542	61.721	63.264	-10.736	74.000	PEAK
6		5460.000	2.021	57.517	59.538	-14.462	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 - 19:19**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH_802.11n(20M)_5240 MHz**

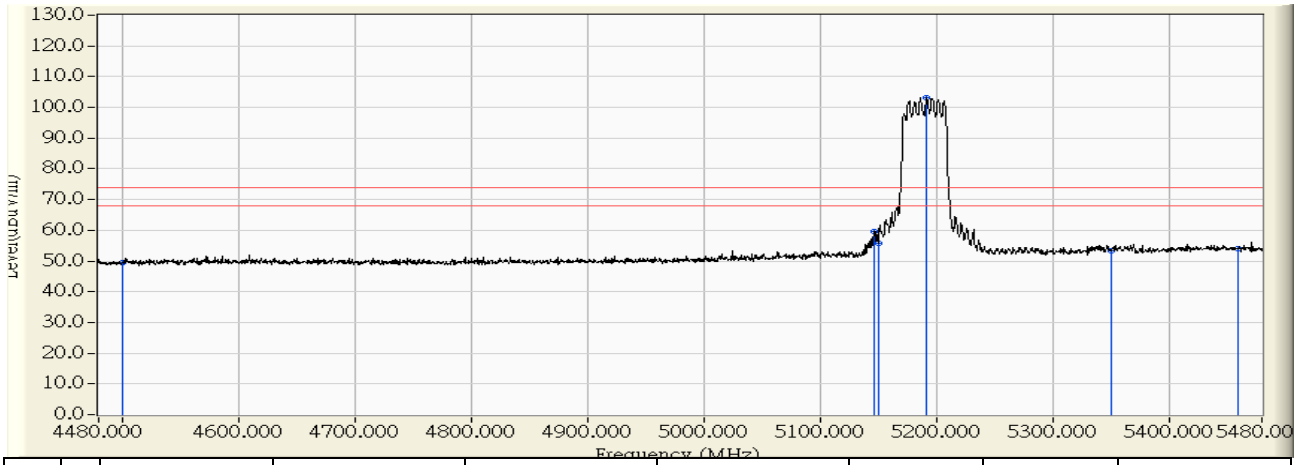


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	40.842	38.184	-15.816	54.000	AVERAGE
2		5150.000	-0.488	42.852	42.365	-11.635	54.000	AVERAGE
3	*	5239.000	0.238	106.233	106.471	52.471	54.000	AVERAGE
4		5350.000	1.143	43.600	44.744	-9.256	54.000	AVERAGE
5		5399.000	1.542	51.447	52.990	-1.010	54.000	AVERAGE
6		5460.000	2.021	45.702	47.723	-6.277	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 - 20:07**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH_802.11n(40M)_5190 MHz**

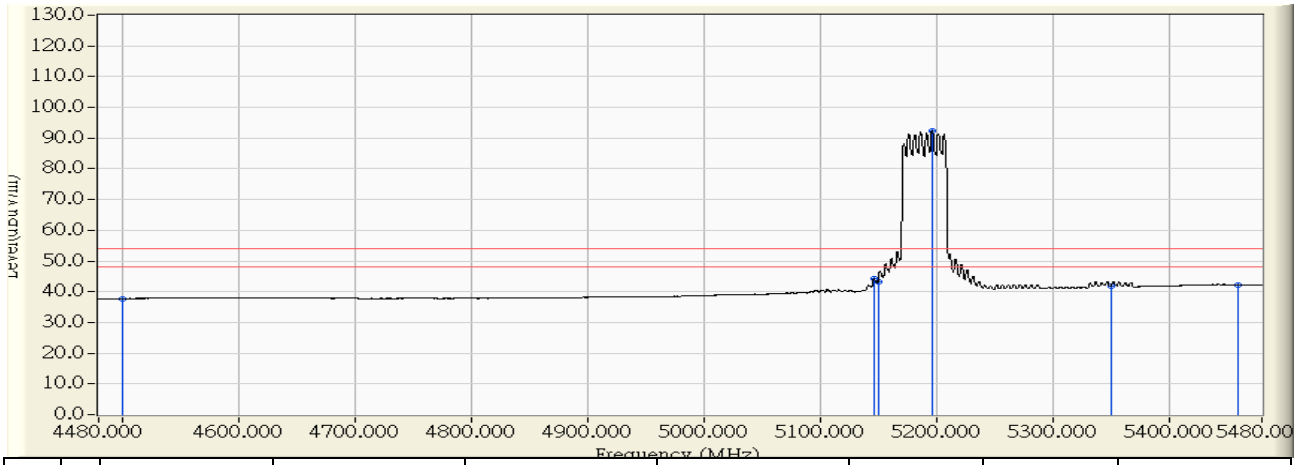


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	52.004	49.346	-24.654	74.000	PEAK
2		5147.000	-0.511	60.141	59.629	-14.371	74.000	PEAK
3		5150.000	-0.488	56.265	55.778	-18.222	74.000	PEAK
4	*	5191.500	-0.149	103.450	103.301	29.301	74.000	PEAK
5		5350.000	1.143	52.287	53.431	-20.569	74.000	PEAK
6		5460.000	2.021	52.077	54.098	-19.902	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 - 20:11**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH_802.11n(40M)_5190 MHz**

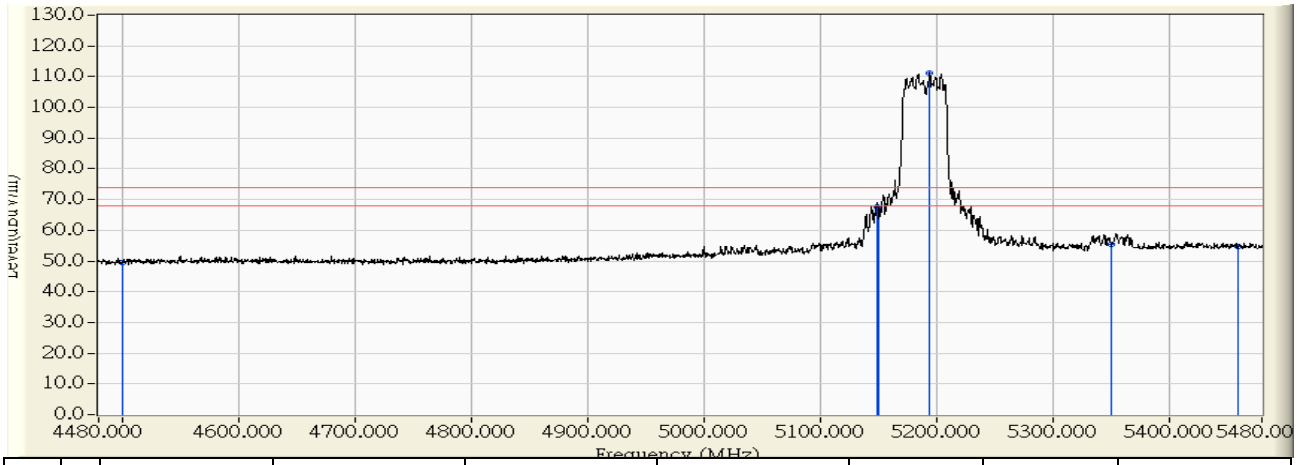


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	40.393	37.735	-16.265	54.000	AVERAGE
2		5146.500	-0.516	44.612	44.096	-9.904	54.000	AVERAGE
3		5150.000	-0.488	43.733	43.246	-10.754	54.000	AVERAGE
4	*	5196.500	-0.108	92.369	92.261	38.261	54.000	AVERAGE
5		5350.000	1.143	40.577	41.721	-12.279	54.000	AVERAGE
6		5460.000	2.021	40.217	42.238	-11.762	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 - 20:00**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH_802.11n(40M)_5190 MHz**

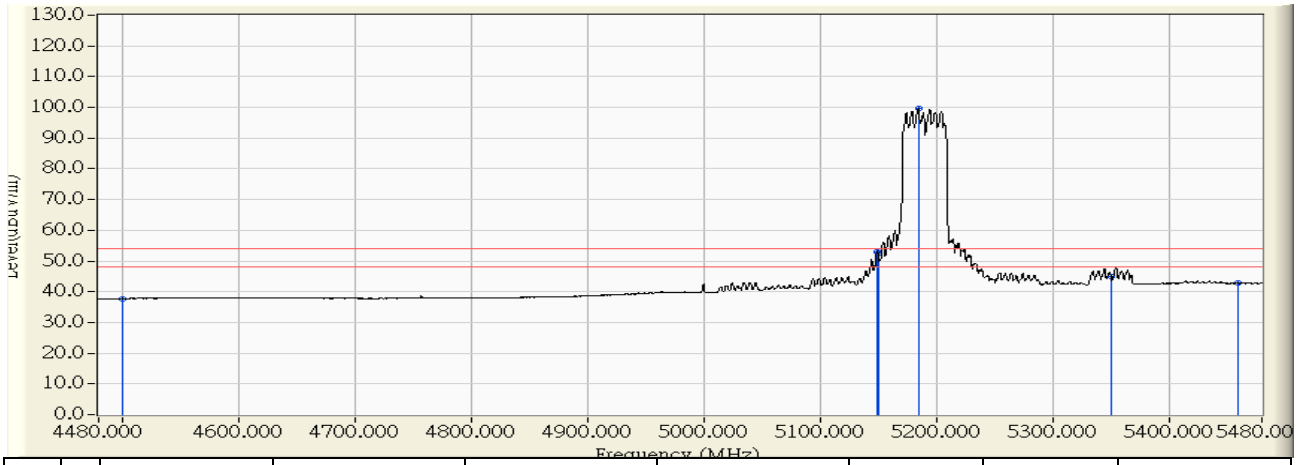


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	52.058	49.400	-24.600	74.000	PEAK
2		5149.000	-0.496	68.086	67.590	-6.410	74.000	PEAK
3		5150.000	-0.488	67.156	66.669	-7.331	74.000	PEAK
4	*	5194.500	-0.125	111.346	111.222	37.222	74.000	PEAK
5		5350.000	1.143	54.214	55.358	-18.642	74.000	PEAK
6		5460.000	2.021	52.580	54.601	-19.399	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 - 19:55**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH_802.11n(40M)_5190 MHz**

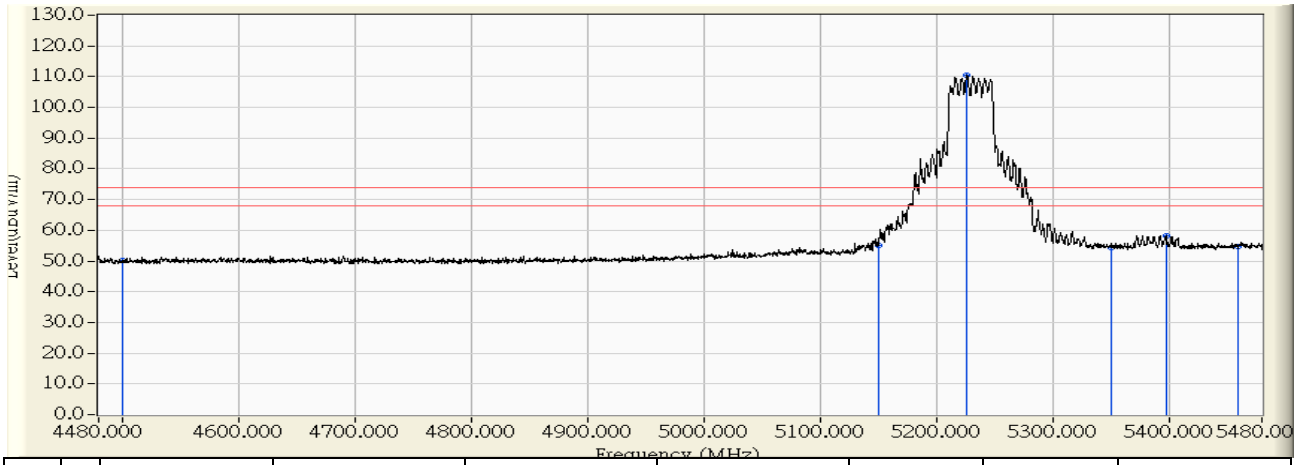


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	40.404	37.746	-16.254	54.000	AVERAGE
2		5149.000	-0.496	53.410	52.914	-1.086	54.000	AVERAGE
3		5150.000	-0.488	53.280	52.793	-1.207	54.000	AVERAGE
4	*	5184.500	-0.207	99.730	99.524	45.524	54.000	AVERAGE
5		5350.000	1.143	43.763	44.907	-9.093	54.000	AVERAGE
6		5460.000	2.021	40.799	42.820	-11.180	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 - 21:16**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH_802.11n(40M)_5230 MHz**

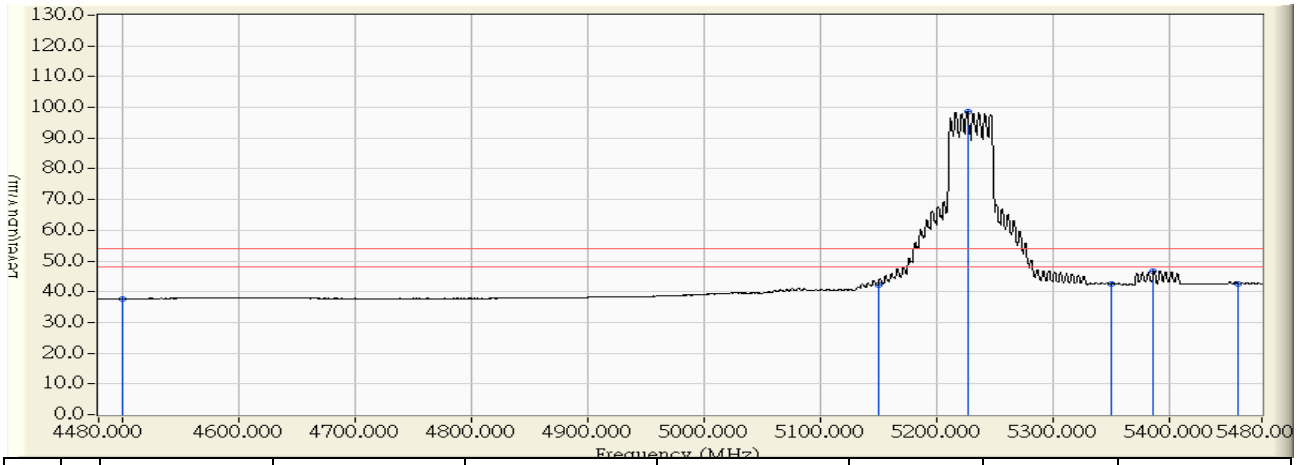


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	52.760	50.102	-23.898	74.000	PEAK
2		5150.000	-0.488	55.565	55.078	-18.922	74.000	PEAK
3	*	5226.500	0.137	110.341	110.477	36.477	74.000	PEAK
4		5350.000	1.143	53.119	54.263	-19.737	74.000	PEAK
5		5397.500	1.531	56.718	58.249	-15.751	74.000	PEAK
6		5460.000	2.021	52.712	54.733	-19.267	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 - 21:19**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH_802.11n(40M)_5230 MHz**

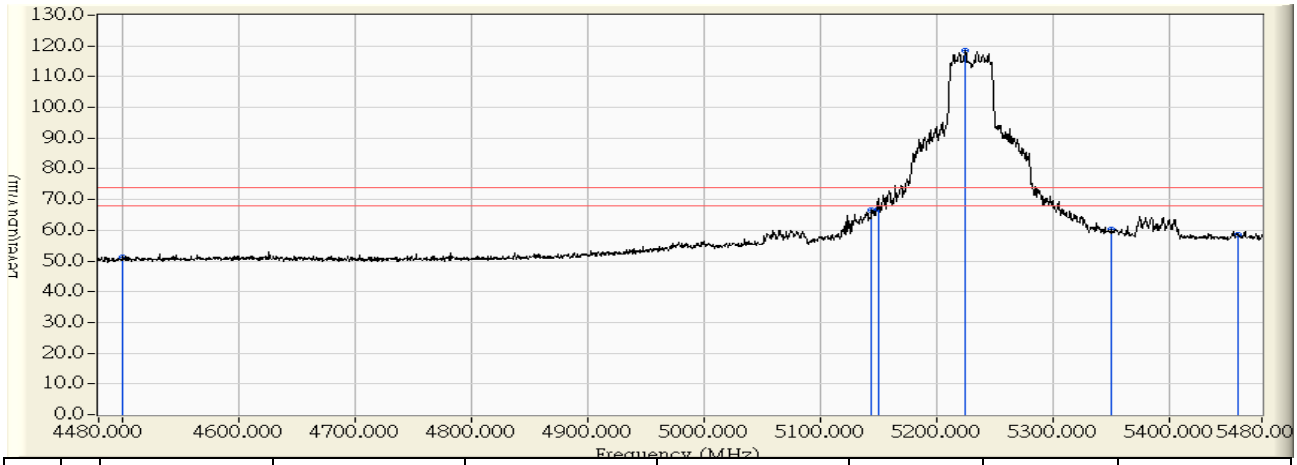


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	40.332	37.674	-16.326	54.000	AVERAGE
2		5150.000	-0.488	42.579	42.092	-11.908	54.000	AVERAGE
3	*	5227.000	0.141	98.546	98.687	44.687	54.000	AVERAGE
4		5350.000	1.143	41.238	42.382	-11.618	54.000	AVERAGE
5		5387.000	1.446	45.189	46.634	-7.366	54.000	AVERAGE
6		5460.000	2.021	40.504	42.525	-11.475	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 - 20:52**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH_802.11n(40M)_5230 MHz**

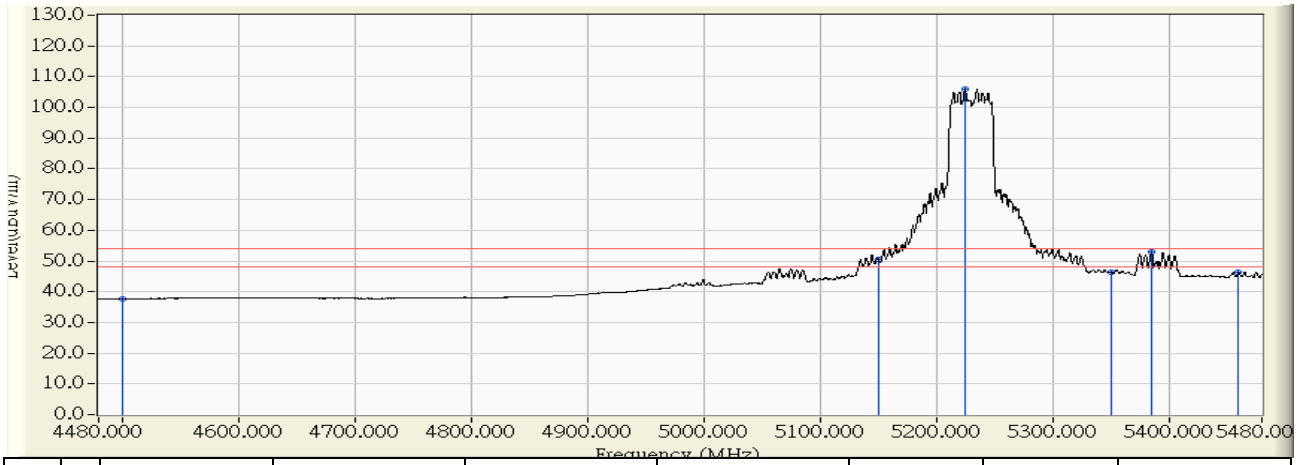


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	53.725	51.067	-22.933	74.000	PEAK
2		5144.500	-0.533	67.176	66.644	-7.356	74.000	PEAK
3		5150.000	-0.488	67.572	67.085	-6.915	74.000	PEAK
4	*	5225.500	0.128	118.279	118.407	44.407	74.000	PEAK
5		5350.000	1.143	59.176	60.320	-13.680	74.000	PEAK
6		5460.000	2.021	56.434	58.455	-15.545	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 - 20:41**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH_802.11n(40M)_5230 MHz**

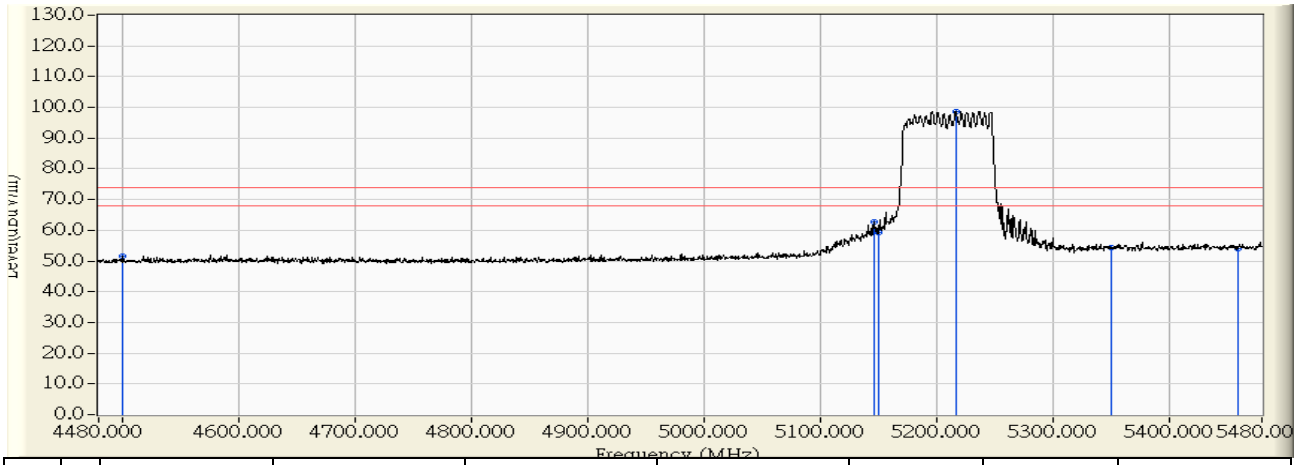


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	40.298	37.640	-16.360	54.000	AVERAGE
2		5150.000	-0.488	51.163	50.676	-3.324	54.000	AVERAGE
3	*	5225.000	0.124	105.734	105.858	51.858	54.000	AVERAGE
4		5350.000	1.143	45.124	46.268	-7.732	54.000	AVERAGE
5		5385.000	1.429	51.397	52.826	-1.174	54.000	AVERAGE
6		5460.000	2.021	44.259	46.280	-7.720	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 - 21:51**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH_802.11ac(80M)_5210 MHz**

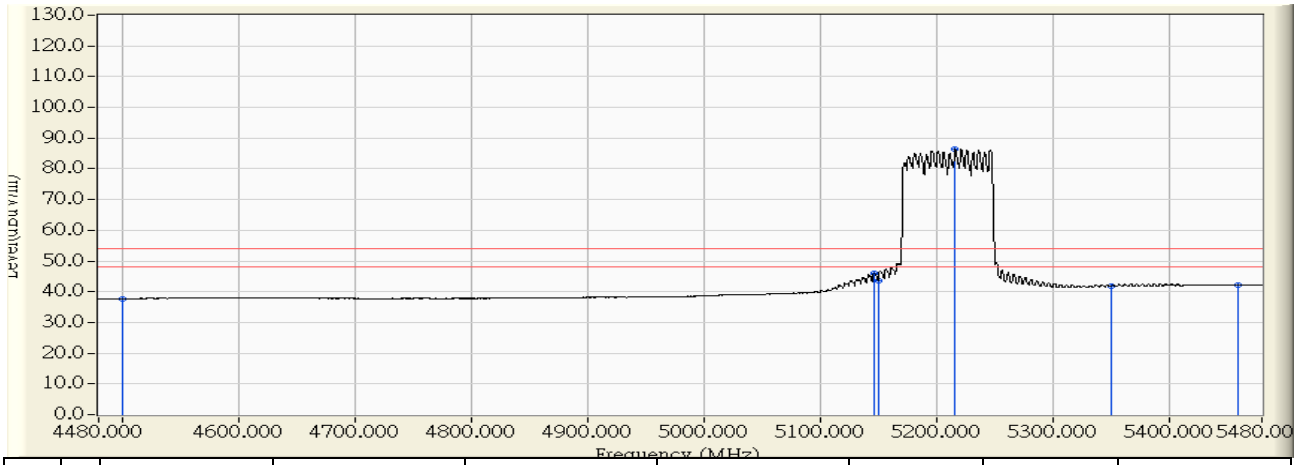


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	54.067	51.409	-22.591	74.000	PEAK
2		5146.500	-0.516	63.206	62.690	-11.310	74.000	PEAK
3		5150.000	-0.488	59.665	59.178	-14.822	74.000	PEAK
4	*	5217.000	0.059	98.537	98.596	24.596	74.000	PEAK
5		5350.000	1.143	53.177	54.321	-19.679	74.000	PEAK
6		5460.000	2.021	52.171	54.192	-19.808	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 - 21:56**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH_802.11ac(80M)_5210 MHz**

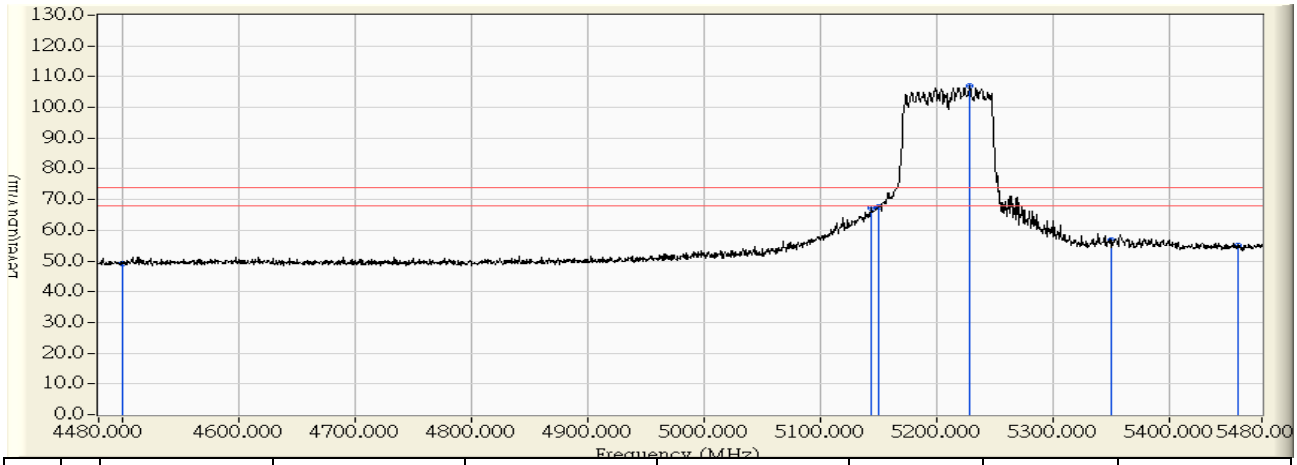


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	40.394	37.736	-16.264	54.000	AVERAGE
2		5146.500	-0.516	46.449	45.933	-8.067	54.000	AVERAGE
3		5150.000	-0.488	43.975	43.488	-10.512	54.000	AVERAGE
4	*	5216.000	0.051	86.223	86.274	32.274	54.000	AVERAGE
5		5350.000	1.143	40.616	41.760	-12.240	54.000	AVERAGE
6		5460.000	2.021	40.206	42.227	-11.773	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 - 21:39**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH_802.11ac(80M)_5210 MHz**

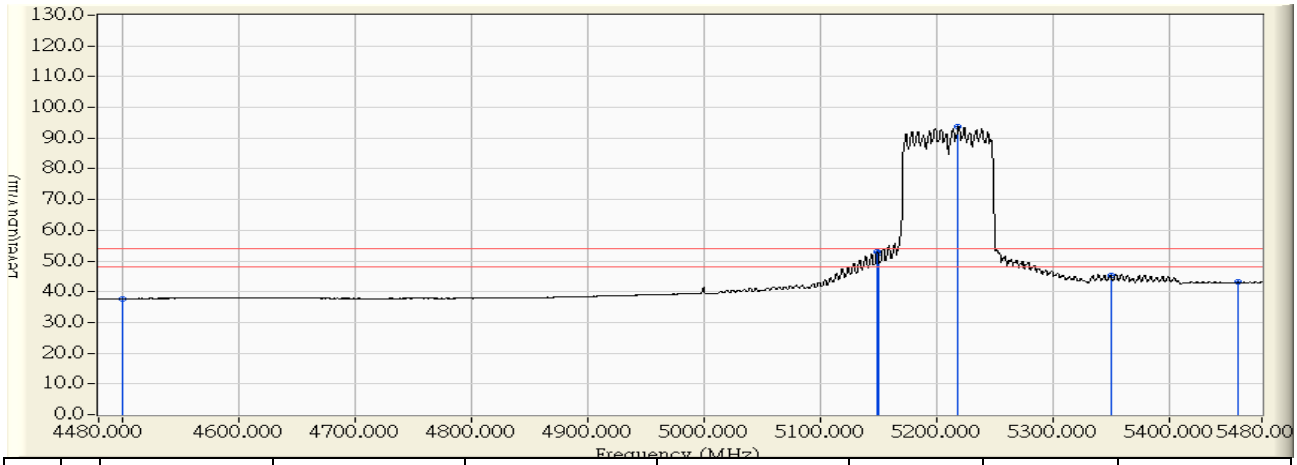


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	51.736	49.078	-24.922	74.000	PEAK
2		5143.500	-0.541	67.887	67.347	-6.653	74.000	PEAK
3		5150.000	-0.488	68.085	67.598	-6.402	74.000	PEAK
4	*	5229.000	0.156	106.965	107.122	33.122	74.000	PEAK
5		5350.000	1.143	55.821	56.965	-17.035	74.000	PEAK
6		5460.000	2.021	52.884	54.905	-19.095	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 - 21:35**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH_802.11ac(80M)_5210 MHz**

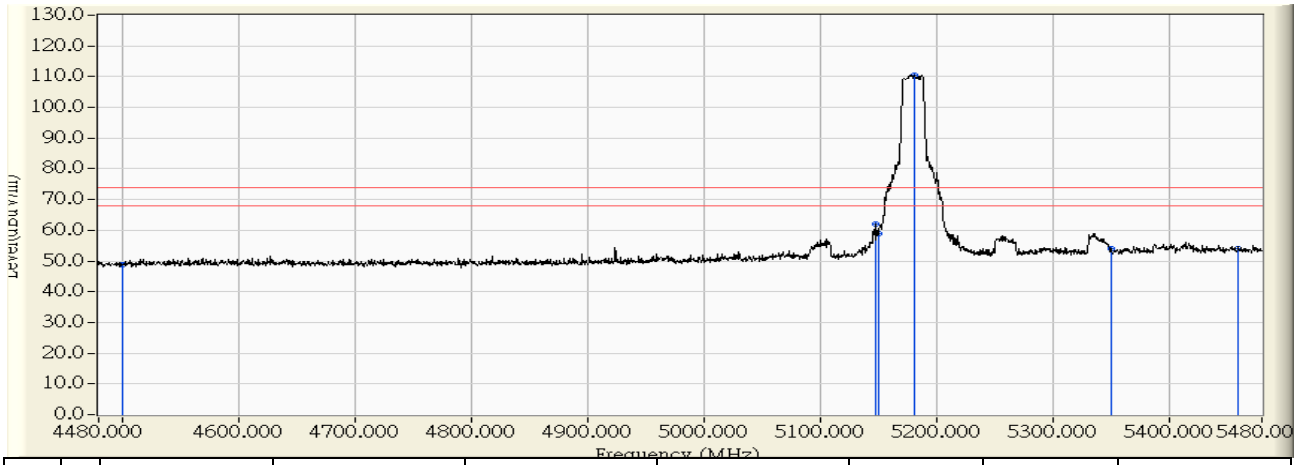


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	40.358	37.700	-16.300	54.000	AVERAGE
2		5149.000	-0.496	53.353	52.857	-1.143	54.000	AVERAGE
3		5150.000	-0.488	53.086	52.599	-1.401	54.000	AVERAGE
4	*	5219.000	0.074	93.732	93.807	39.807	54.000	AVERAGE
5		5350.000	1.143	44.025	45.169	-8.831	54.000	AVERAGE
6		5460.000	2.021	41.030	43.051	-10.949	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 : 2014/06/21 - 11:30**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 2: Transmit (Beamforming Mode)_Adapter: EXA1206UH_802.11n(20M)_5180 MHz**

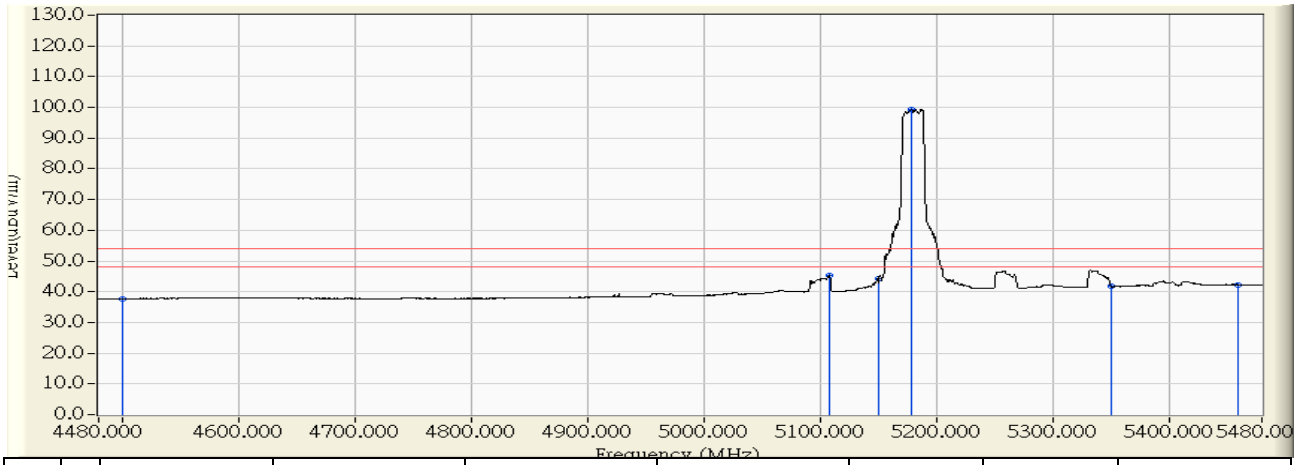


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	51.407	48.749	-25.251	74.000	PEAK
2		5147.500	-0.507	62.551	62.043	-11.957	74.000	PEAK
3		5150.000	-0.488	59.407	58.920	-15.080	74.000	PEAK
4	*	5181.500	-0.230	110.839	110.609	36.609	74.000	PEAK
5		5350.000	1.143	52.710	53.854	-20.146	74.000	PEAK
6		5460.000	2.021	51.874	53.895	-20.105	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 : 2014/06/21 - 11:32**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 2: Transmit (Beamforming Mode)_Adapter: EXA1206UH_802.11n(20M)_5180 MHz**

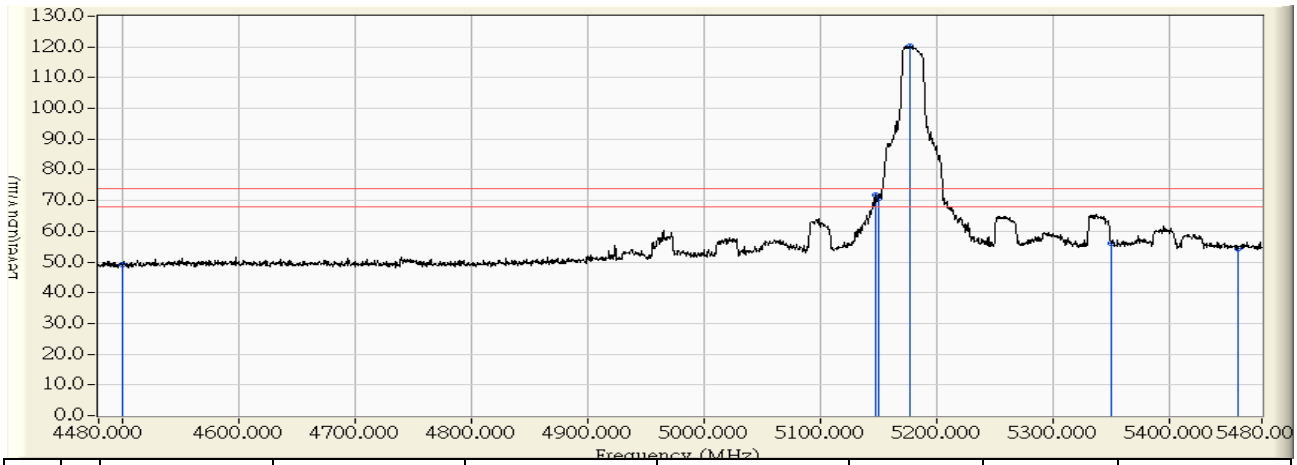


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	40.356	37.698	-16.302	54.000	AVERAGE
2		5108.000	-0.829	46.048	45.218	-8.782	54.000	AVERAGE
3		5150.000	-0.488	44.635	44.148	-9.852	54.000	AVERAGE
4	*	5178.500	-0.256	99.712	99.457	45.457	54.000	AVERAGE
5		5350.000	1.143	40.650	41.794	-12.206	54.000	AVERAGE
6		5460.000	2.021	40.243	42.264	-11.736	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 : 2014/06/21 - 11:24**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 2: Transmit (Beamforming Mode)_Adapter: EXA1206UH_802.11n(20M)_5180 MHz**

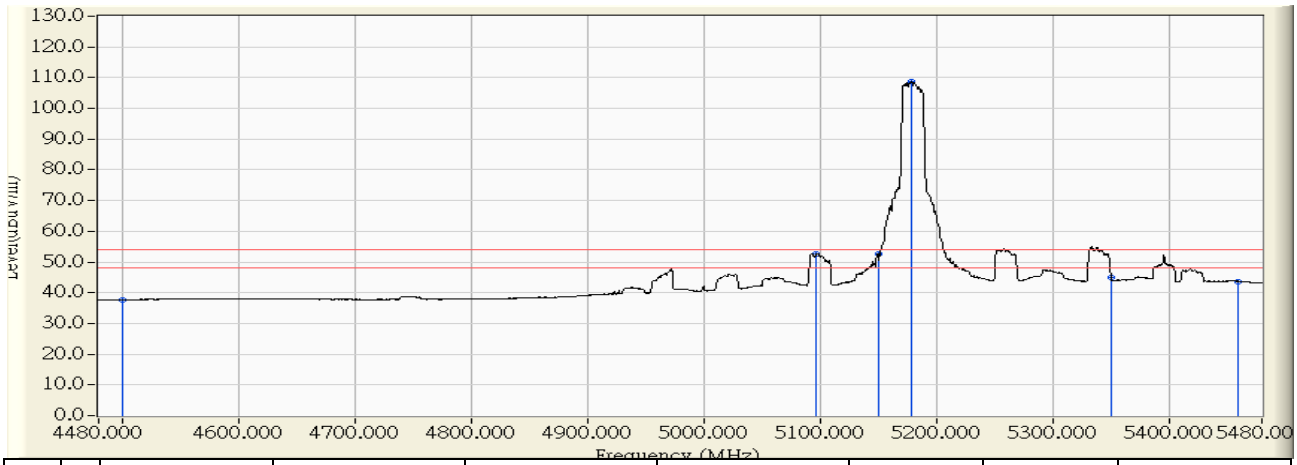


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	51.836	49.178	-24.822	74.000	PEAK
2		5147.500	-0.507	72.439	71.931	-2.069	74.000	PEAK
3		5150.000	-0.488	71.314	70.827	-3.173	74.000	PEAK
4	*	5177.000	-0.267	120.567	120.300	46.300	74.000	PEAK
5		5350.000	1.143	55.062	56.206	-17.794	74.000	PEAK
6		5460.000	2.021	52.290	54.311	-19.689	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 : 2014/06/21 - 11:22**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 2: Transmit (Beamforming Mode)_Adapter: EXA1206UH_802.11n(20M)_5180 MHz**

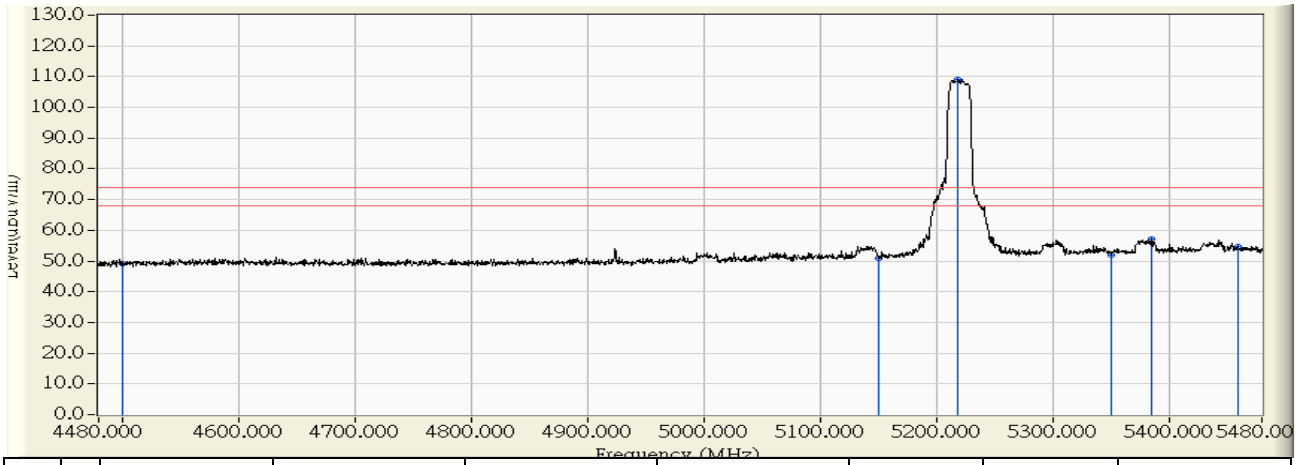


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	40.353	37.695	-16.305	54.000	AVERAGE
2		5097.000	-0.919	53.439	52.519	-1.481	54.000	AVERAGE
3		5150.000	-0.488	53.112	52.625	-1.375	54.000	AVERAGE
4	*	5178.500	-0.256	109.020	108.765	54.765	54.000	AVERAGE
5		5350.000	1.143	43.824	44.968	-9.032	54.000	AVERAGE
6		5460.000	2.021	41.650	43.671	-10.329	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 : 2014/06/21 - 11:46**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 2: Transmit (Beamforming Mode)_Adapter: EXA1206UH_802.11n(20M)_5220 MHz**

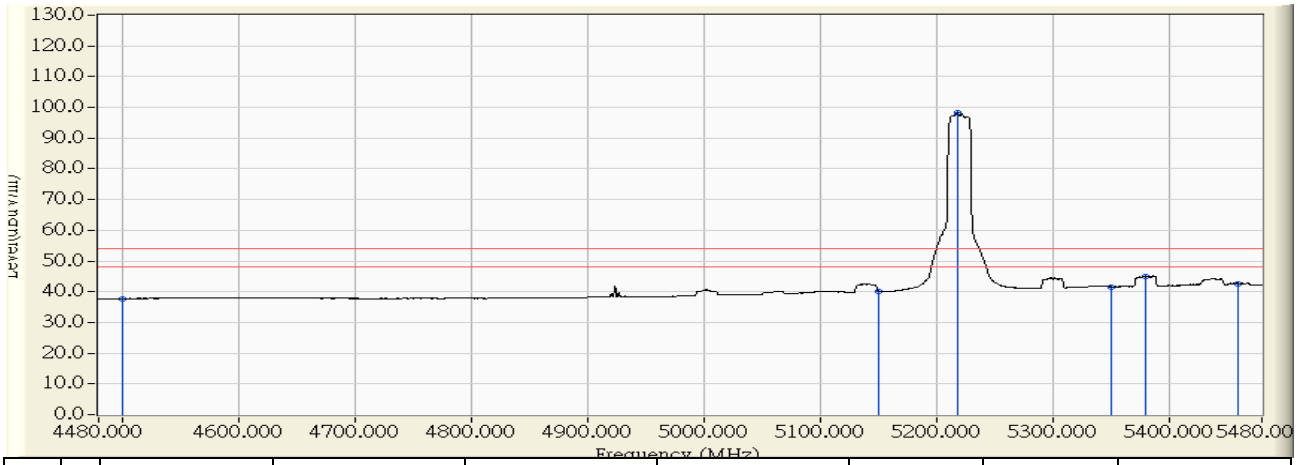


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	51.892	49.234	-24.766	74.000	PEAK
2		5150.000	-0.488	51.399	50.912	-23.088	74.000	PEAK
3	*	5218.500	0.072	109.010	109.081	35.081	74.000	PEAK
4		5350.000	1.143	50.846	51.990	-22.010	74.000	PEAK
5		5385.500	1.433	55.764	57.197	-16.803	74.000	PEAK
6		5460.000	2.021	52.713	54.734	-19.266	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 : 2014/06/21 - 11:57**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 2: Transmit (Beamforming Mode)_Adapter: EXA1206UH_802.11n(20M)_5220 MHz**

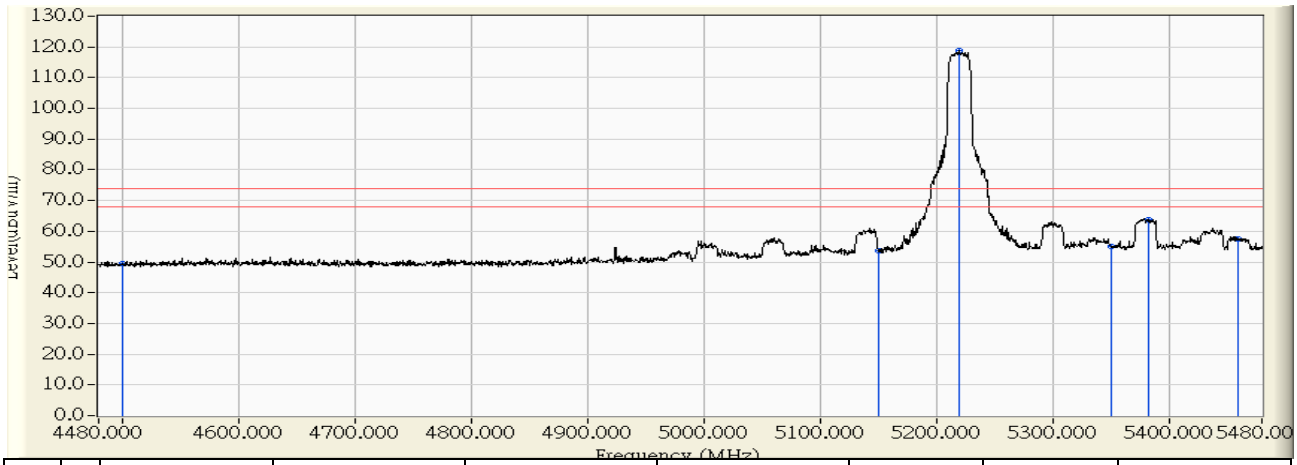


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	40.387	37.729	-16.271	54.000	AVERAGE
2		5150.000	-0.488	40.600	40.113	-13.887	54.000	AVERAGE
3	*	5218.500	0.072	98.049	98.120	44.120	54.000	AVERAGE
4		5350.000	1.143	40.451	41.595	-12.405	54.000	AVERAGE
5		5379.500	1.384	43.511	44.895	-9.105	54.000	AVERAGE
6		5460.000	2.021	40.569	42.590	-11.410	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 : 2014/06/21 - 11:42**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 2: Transmit (Beamforming Mode)_Adapter: EXA1206UH_802.11n(20M)_5220 MHz**

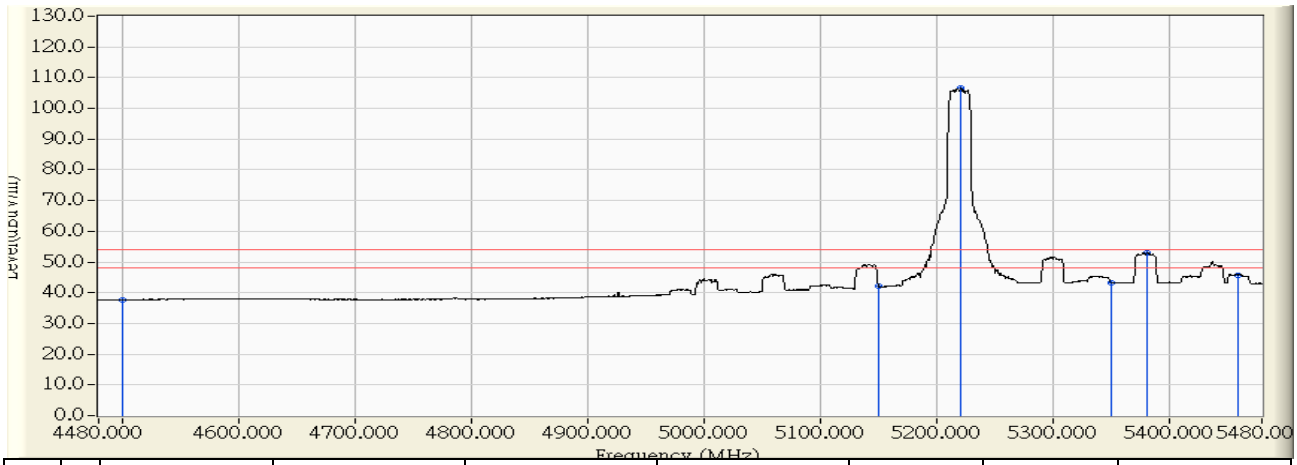


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	52.072	49.414	-24.586	74.000	PEAK
2		5150.000	-0.488	54.189	53.702	-20.298	74.000	PEAK
3	*	5219.500	0.079	118.921	119.000	45.000	74.000	PEAK
4		5350.000	1.143	53.757	54.901	-19.099	74.000	PEAK
5		5383.000	1.413	62.292	63.705	-10.295	74.000	PEAK
6		5460.000	2.021	55.379	57.400	-16.600	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 : 2014/06/21 - 11:41**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 2: Transmit (Beamforming Mode)_Adapter: EXA1206UH_802.11n(20M)_5220 MHz**

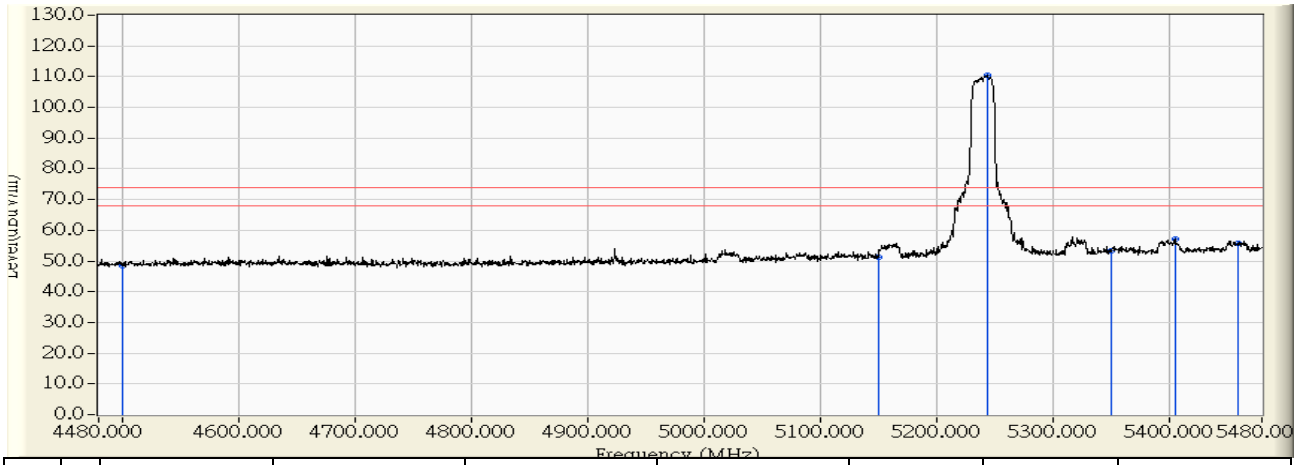


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	40.338	37.680	-16.320	54.000	AVERAGE
2		5150.000	-0.488	42.827	42.340	-11.660	54.000	AVERAGE
3	*	5221.000	0.092	106.506	106.598	52.598	54.000	AVERAGE
4		5350.000	1.143	42.031	43.175	-10.825	54.000	AVERAGE
5		5381.000	1.396	51.667	53.063	-0.937	54.000	AVERAGE
6		5460.000	2.021	43.480	45.501	-8.499	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 : 2014/06/21 - 13:12**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 2: Transmit (Beamforming Mode)_Adapter: EXA1206UH_802.11n(20M)_5240 MHz**

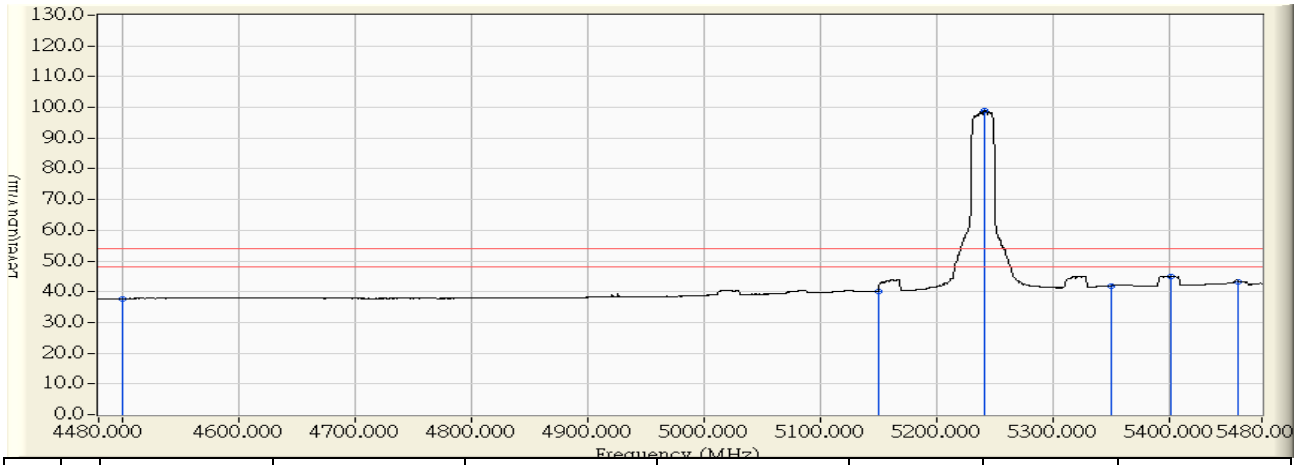


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	51.194	48.536	-25.464	74.000	PEAK
2		5150.000	-0.488	51.661	51.174	-22.826	74.000	PEAK
3	*	5243.500	0.276	110.176	110.451	36.451	74.000	PEAK
4		5350.000	1.143	52.140	53.284	-20.716	74.000	PEAK
5		5405.000	1.592	55.629	57.221	-16.779	74.000	PEAK
6		5460.000	2.021	53.898	55.919	-18.081	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 : 2014/06/21 - 13:14**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 2: Transmit (Beamforming Mode)_Adapter: EXA1206UH_802.11n(20M)_5240 MHz**

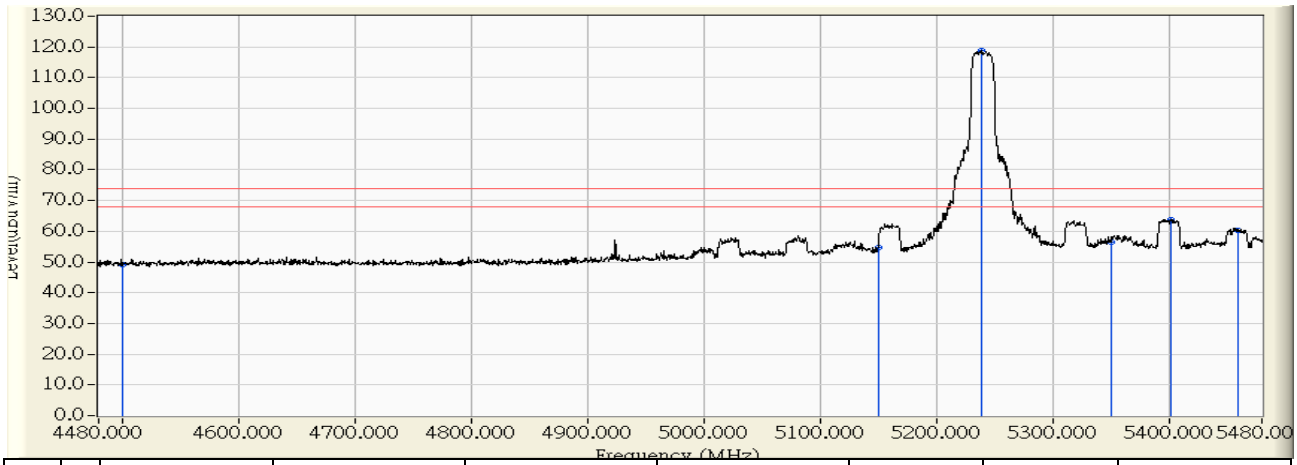


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	40.357	37.699	-16.301	54.000	AVERAGE
2		5150.000	-0.488	40.584	40.097	-13.903	54.000	AVERAGE
3	*	5241.000	0.255	98.801	99.056	45.056	54.000	AVERAGE
4		5350.000	1.143	40.825	41.969	-12.031	54.000	AVERAGE
5		5401.500	1.564	43.552	45.115	-8.885	54.000	AVERAGE
6		5460.000	2.021	41.128	43.149	-10.851	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 : 2014/06/21 - 13:07**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 2: Transmit (Beamforming Mode)_Adapter: EXA1206UH_802.11n(20M)_5240 MHz**

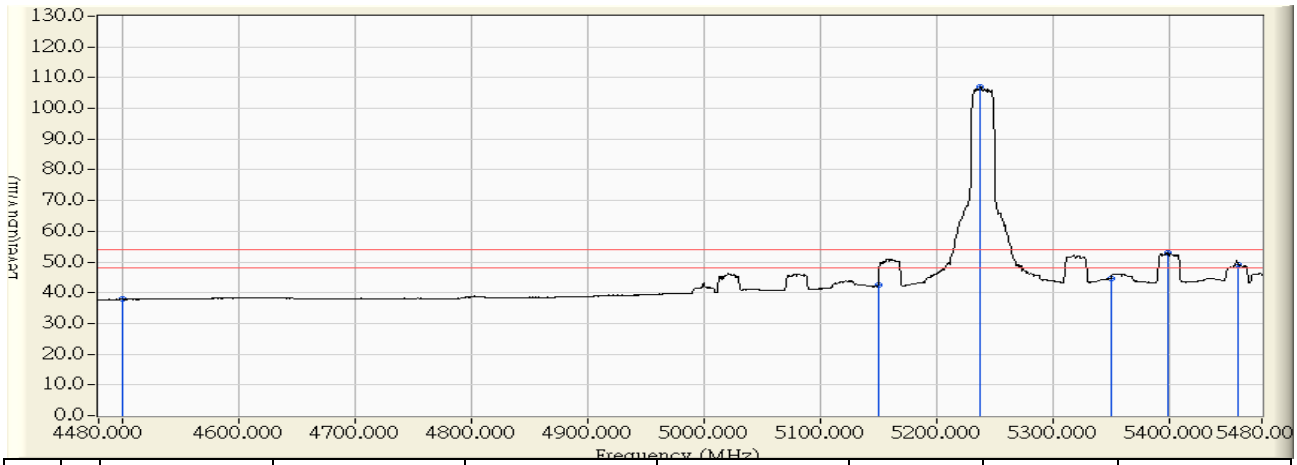


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	51.939	49.281	-24.719	74.000	PEAK
2		5150.000	-0.488	55.046	54.559	-19.441	74.000	PEAK
3	*	5239.000	0.238	118.493	118.731	44.731	74.000	PEAK
4		5350.000	1.143	55.328	56.472	-17.528	74.000	PEAK
5		5401.500	1.564	62.278	63.841	-10.159	74.000	PEAK
6		5460.000	2.021	58.324	60.345	-13.655	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 : 2014/06/21 - 13:06**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 2: Transmit (Beamforming Mode)_Adapter: EXA1206UH_802.11n(20M)_5240 MHz**

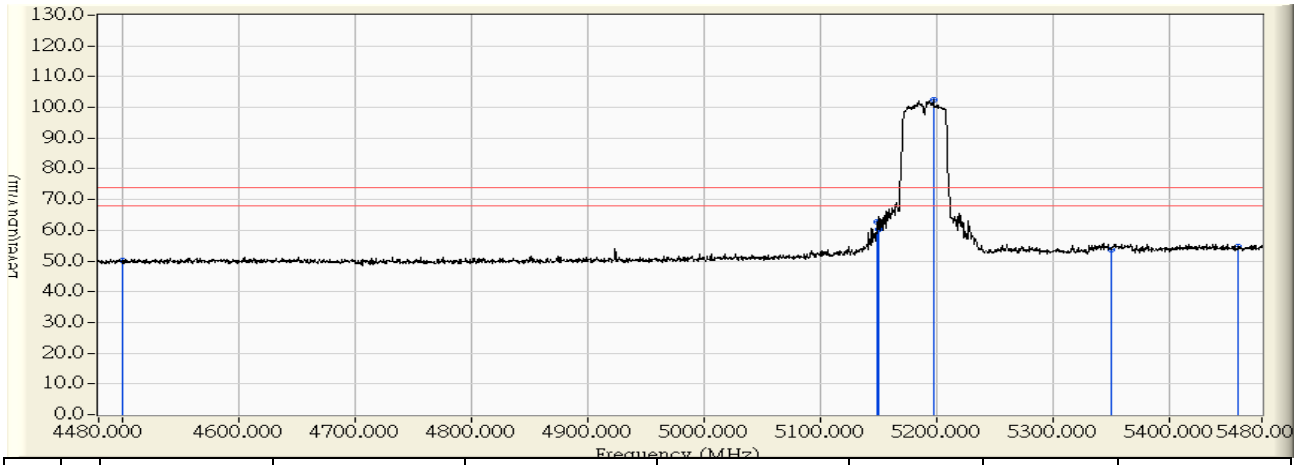


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	40.483	37.825	-16.175	54.000	AVERAGE
2		5150.000	-0.488	42.887	42.400	-11.600	54.000	AVERAGE
3	*	5238.000	0.231	106.790	107.020	53.020	54.000	AVERAGE
4		5350.000	1.143	43.479	44.623	-9.377	54.000	AVERAGE
5		5399.000	1.542	51.310	52.853	-1.147	54.000	AVERAGE
6		5460.000	2.021	47.249	49.270	-4.730	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 : 2014/06/21 - 16:11**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 2: Transmit (Beamforming Mode)_Adapter: EXA1206UH_802.11n(40M)_5190 MHz**

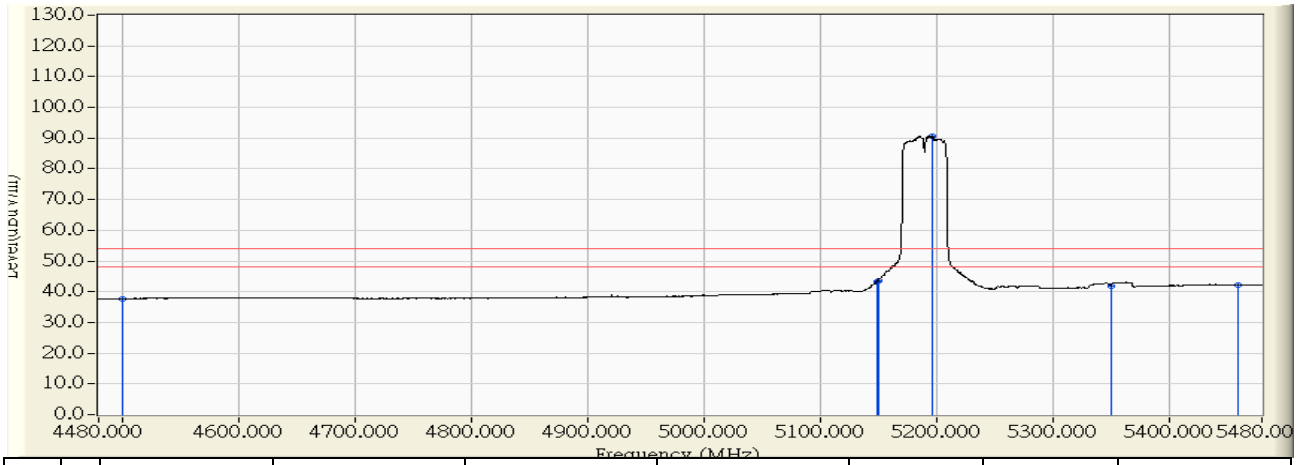


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	52.861	50.203	-23.797	74.000	PEAK
2		5149.500	-0.492	63.147	62.656	-11.344	74.000	PEAK
3		5150.000	-0.488	60.853	60.366	-13.634	74.000	PEAK
4	*	5198.000	-0.095	102.530	102.434	28.434	74.000	PEAK
5		5350.000	1.143	52.439	53.583	-20.417	74.000	PEAK
6		5460.000	2.021	52.607	54.628	-19.372	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 : 2014/06/21 - 16:13**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 2: Transmit (Beamforming Mode)_Adapter: EXA1206UH_802.11n(40M)_5190 MHz**

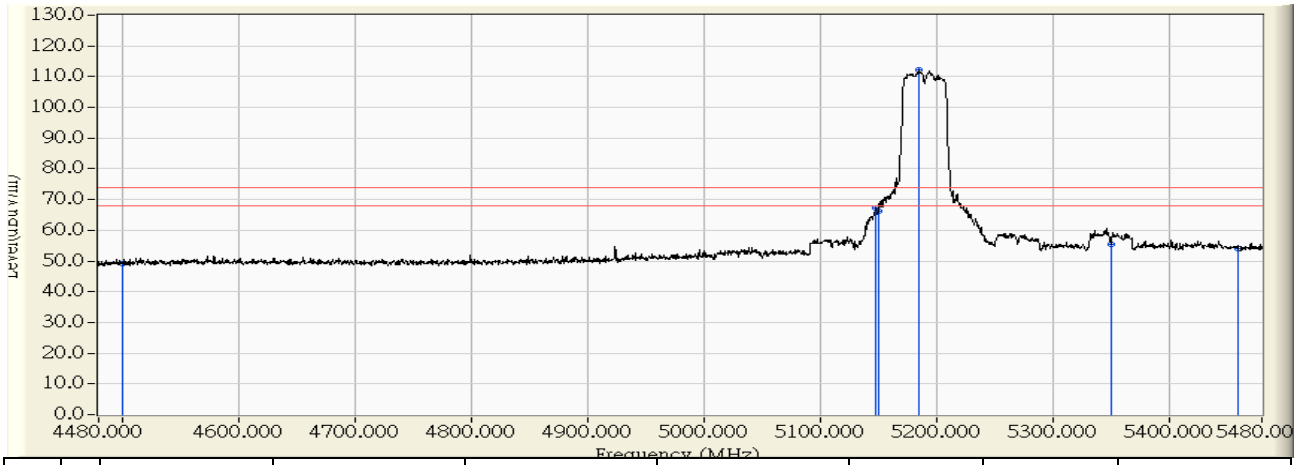


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	40.426	37.768	-16.232	54.000	AVERAGE
2		5149.000	-0.496	43.813	43.317	-10.683	54.000	AVERAGE
3		5150.000	-0.488	44.083	43.596	-10.404	54.000	AVERAGE
4	*	5196.500	-0.108	90.736	90.628	36.628	54.000	AVERAGE
5		5350.000	1.143	40.831	41.975	-12.025	54.000	AVERAGE
6		5460.000	2.021	40.207	42.228	-11.772	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 : 2014/06/21 - 16:05**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 2: Transmit (Beamforming Mode)_Adapter: EXA1206UH_802.11n(40M)_5190 MHz**

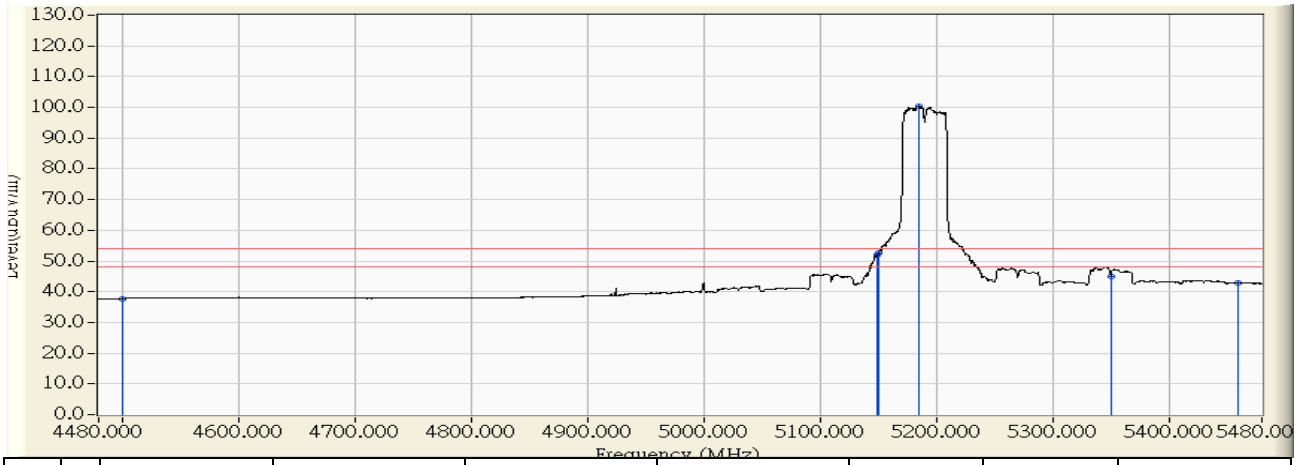


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	51.774	49.116	-24.884	74.000	PEAK
2		5148.000	-0.503	67.688	67.184	-6.816	74.000	PEAK
3		5150.000	-0.488	66.658	66.171	-7.829	74.000	PEAK
4	*	5184.500	-0.207	112.394	112.188	38.188	74.000	PEAK
5		5350.000	1.143	54.298	55.442	-18.558	74.000	PEAK
6		5460.000	2.021	51.846	53.867	-20.133	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 : 2014/06/21 - 16:02**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 2: Transmit (Beamforming Mode)_Adapter: EXA1206UH_802.11n(40M)_5190 MHz**

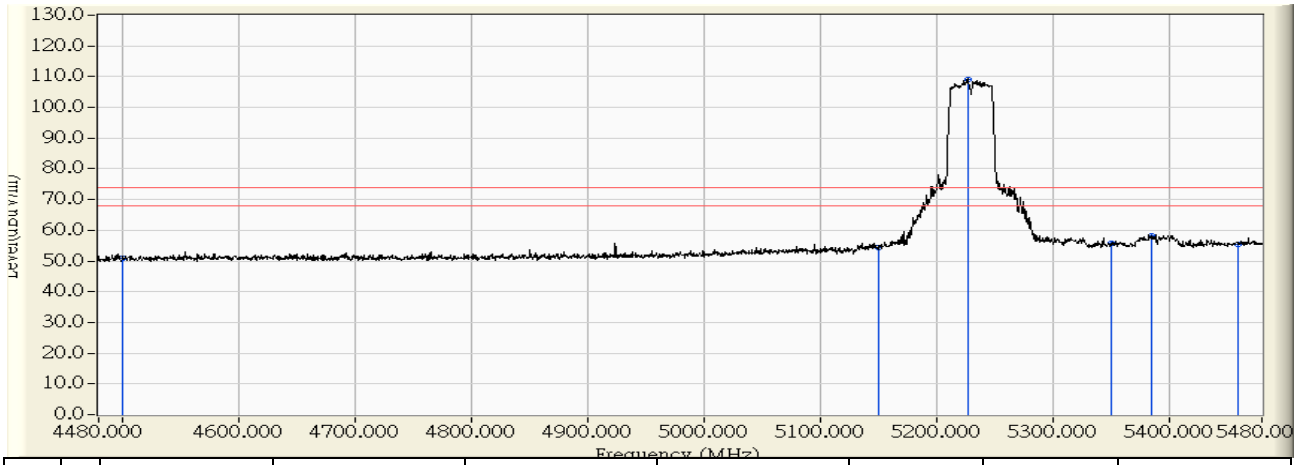


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	40.455	37.797	-16.203	54.000	AVERAGE
2		5149.800	-0.489	52.428	51.939	-2.061	54.000	AVERAGE
3		5150.000	-0.488	52.995	52.508	-1.492	54.000	AVERAGE
4	*	5185.500	-0.198	100.659	100.461	46.461	54.000	AVERAGE
5		5350.000	1.143	43.646	44.790	-9.210	54.000	AVERAGE
6		5460.000	2.021	40.764	42.785	-11.215	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 : 2014/06/21 - 16:42**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 2: Transmit (Beamforming Mode)_Adapter: EXA1206UH_802.11n(40M)_5230 MHz**

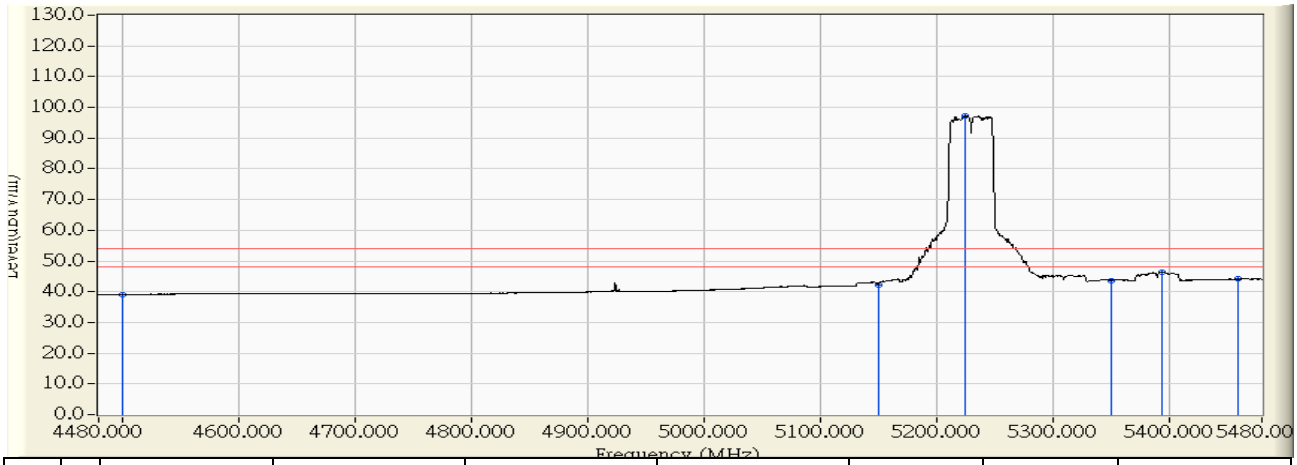


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-1.324	52.247	50.923	-23.077	74.000	PEAK
2		5150.000	1.239	52.982	54.221	-19.779	74.000	PEAK
3	*	5227.000	1.836	107.301	109.137	35.137	74.000	PEAK
4		5350.000	2.790	53.004	55.794	-18.206	74.000	PEAK
5		5385.000	3.062	55.238	58.299	-15.701	74.000	PEAK
6		5460.000	3.622	51.708	55.330	-18.670	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 : 2014/06/21 - 16:44**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 2: Transmit (Beamforming Mode)_Adapter: EXA1206UH_802.11n(40M)_5230 MHz**

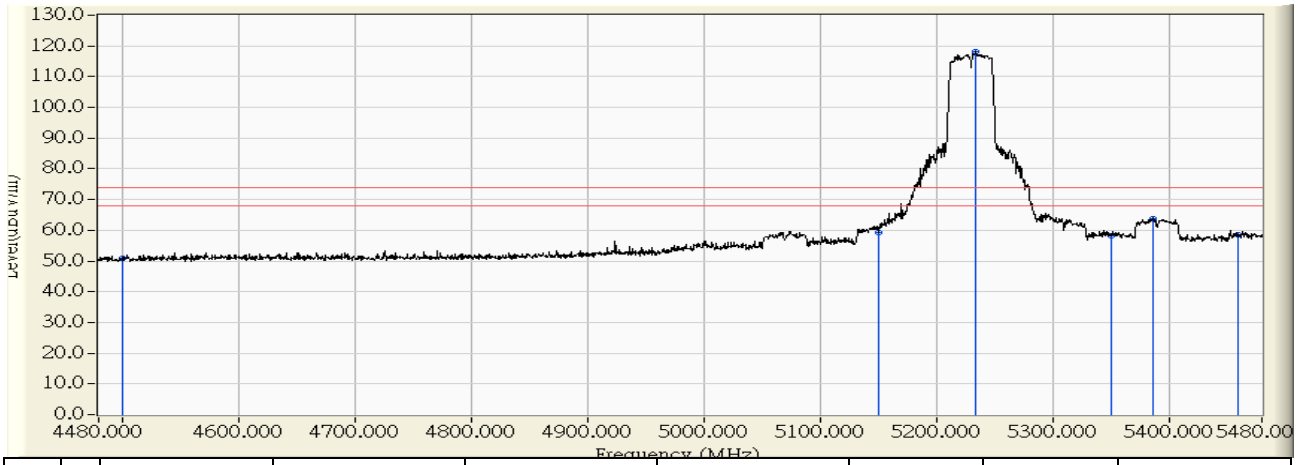


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-1.324	40.324	39.000	-15.000	54.000	AVERAGE
2		5150.000	1.239	41.017	42.256	-11.744	54.000	AVERAGE
3	*	5225.000	1.821	95.502	97.323	43.323	54.000	AVERAGE
4		5350.000	2.790	40.873	43.663	-10.337	54.000	AVERAGE
5		5393.500	3.128	43.190	46.317	-7.683	54.000	AVERAGE
6		5460.000	3.622	40.473	44.095	-9.905	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 : 2014/06/21 - 16:33**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 2: Transmit (Beamforming Mode)_Adapter: EXA1206UH_802.11n(40M)_5230 MHz**

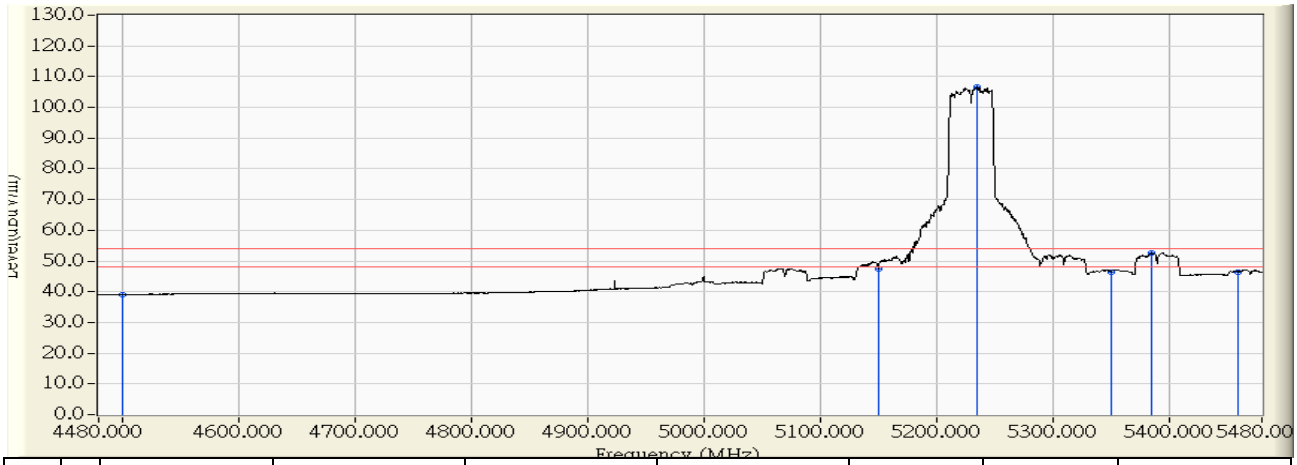


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-1.324	52.095	50.771	-23.229	74.000	PEAK
2		5150.000	1.239	57.978	59.217	-14.783	74.000	PEAK
3	*	5234.000	1.890	116.089	117.979	43.979	74.000	PEAK
4		5350.000	2.790	55.518	58.308	-15.692	74.000	PEAK
5		5386.000	3.069	60.581	63.650	-10.350	74.000	PEAK
6		5460.000	3.622	54.938	58.560	-15.440	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 : 2014/06/21 - 16:31**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 2: Transmit (Beamforming Mode)_Adapter: EXA1206UH_802.11n(40M)_5230 MHz**

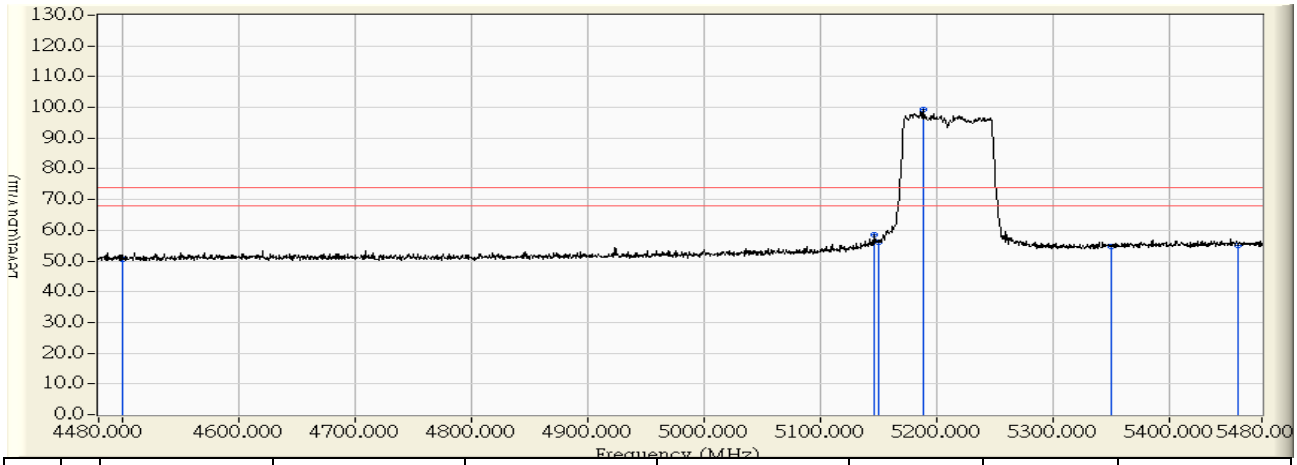


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-1.324	40.340	39.016	-14.984	54.000	AVERAGE
2		5150.000	1.239	46.024	47.263	-6.737	54.000	AVERAGE
3	*	5235.500	1.902	104.629	106.531	52.531	54.000	AVERAGE
4		5350.000	2.790	43.504	46.294	-7.706	54.000	AVERAGE
5		5384.500	3.057	49.596	52.653	-1.347	54.000	AVERAGE
6		5460.000	3.622	42.895	46.517	-7.483	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 : 2014/06/21 - 17:21**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 2: Transmit (Beamforming Mode)_Adapter: EXA1206UH_802.11ac(80M)_5210 MHz**

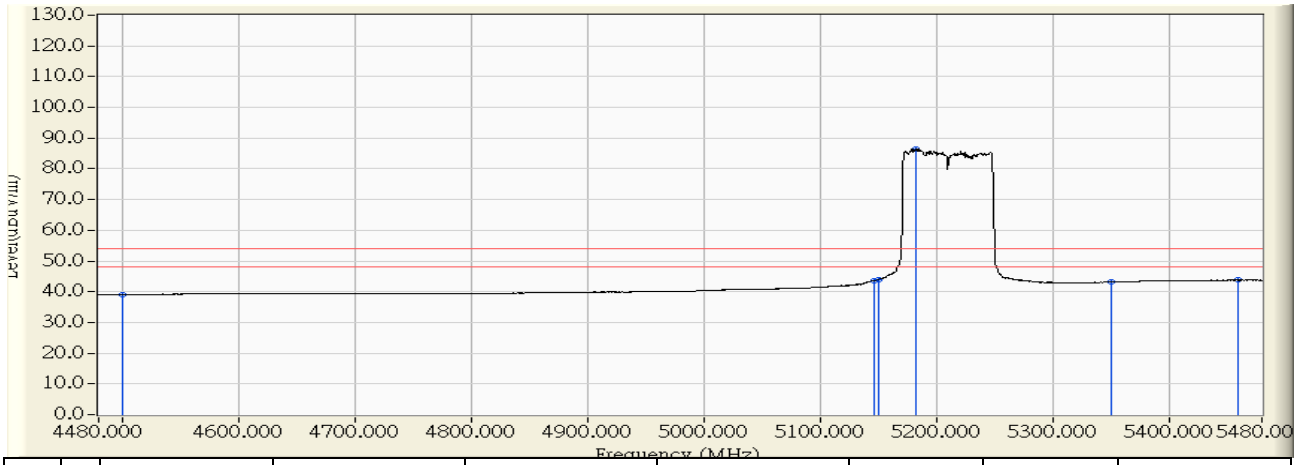


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-1.324	51.710	50.386	-23.614	74.000	PEAK
2		5147.000	1.216	57.479	58.695	-15.305	74.000	PEAK
3		5150.000	1.239	54.778	56.017	-17.983	74.000	PEAK
4	*	5188.500	1.537	97.811	99.349	25.349	74.000	PEAK
5		5350.000	2.790	51.970	54.760	-19.240	74.000	PEAK
6		5460.000	3.622	51.343	54.965	-19.035	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 : 2014/06/21 - 17:23**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 2: Transmit (Beamforming Mode)_Adapter: EXA1206UH_802.11ac(80M)_5210 MHz**

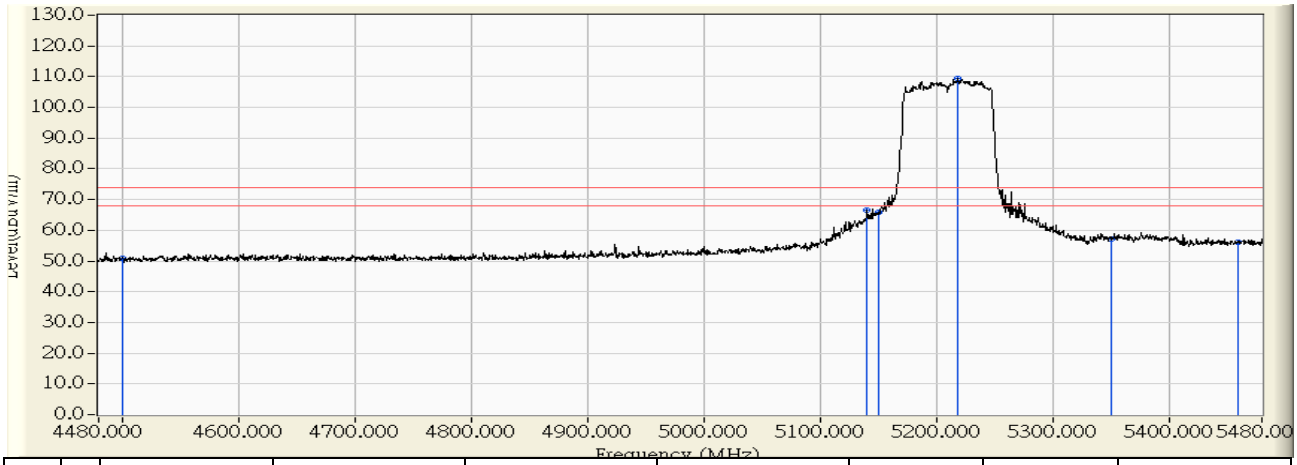


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-1.324	40.342	39.018	-14.982	54.000	AVERAGE
2		5147.000	1.216	42.409	43.625	-10.375	54.000	AVERAGE
3		5150.000	1.239	42.788	44.027	-9.973	54.000	AVERAGE
4	*	5182.000	1.487	85.072	86.559	32.559	54.000	AVERAGE
5		5350.000	2.790	40.328	43.118	-10.882	54.000	AVERAGE
6		5460.000	3.622	40.131	43.753	-10.247	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 : 2014/06/21 - 17:15**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 2: Transmit (Beamforming Mode)_Adapter: EXA1206UH_802.11ac(80M)_5210 MHz**

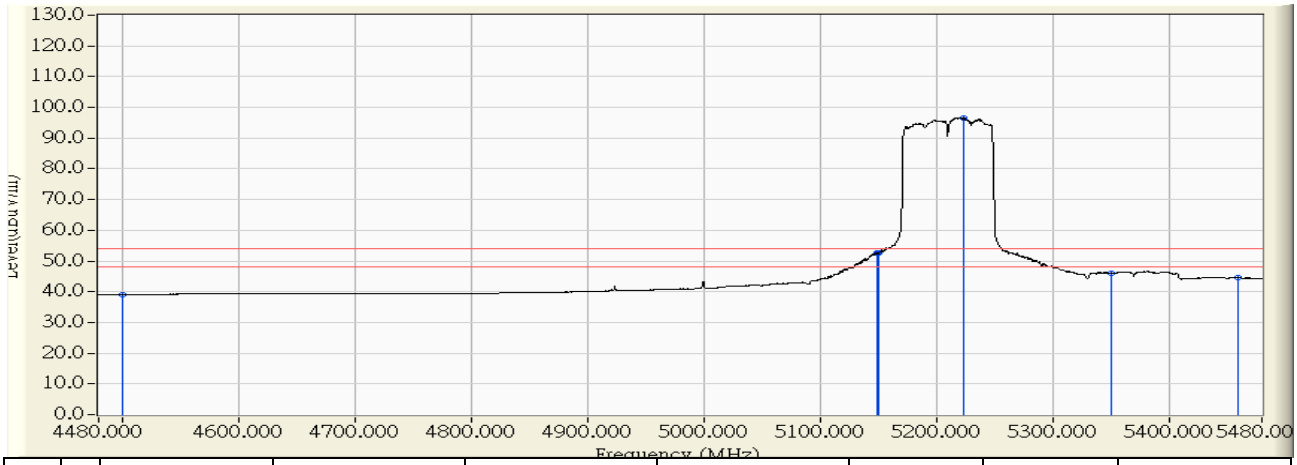


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-1.324	52.132	50.808	-23.192	74.000	PEAK
2		5140.500	1.165	65.482	66.647	-7.353	74.000	PEAK
3		5150.000	1.239	64.544	65.783	-8.217	74.000	PEAK
4	*	5218.500	1.770	107.518	109.288	35.288	74.000	PEAK
5		5350.000	2.790	54.208	56.998	-17.002	74.000	PEAK
6		5460.000	3.622	52.487	56.109	-17.891	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 : 2014/06/21 - 17:09**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V / 60 Hz**
EUT : Wireless-AC1900 Dual Band Gigabit Router	**Note : Mode 2: Transmit (Beamforming Mode)_Adapter: EXA1206UH_802.11ac(80M)_5210 MHz**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-1.324	40.321	38.997	-15.003	54.000	AVERAGE
2		5149.000	1.231	51.346	52.577	-1.423	54.000	AVERAGE
3		5150.000	1.239	51.432	52.671	-1.329	54.000	AVERAGE
4	*	5223.000	1.806	94.776	96.581	42.581	54.000	AVERAGE
5		5350.000	2.790	43.238	46.028	-7.972	54.000	AVERAGE
6		5460.000	3.622	40.837	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.

8. Frequency Stability

8.1. Test Equipment

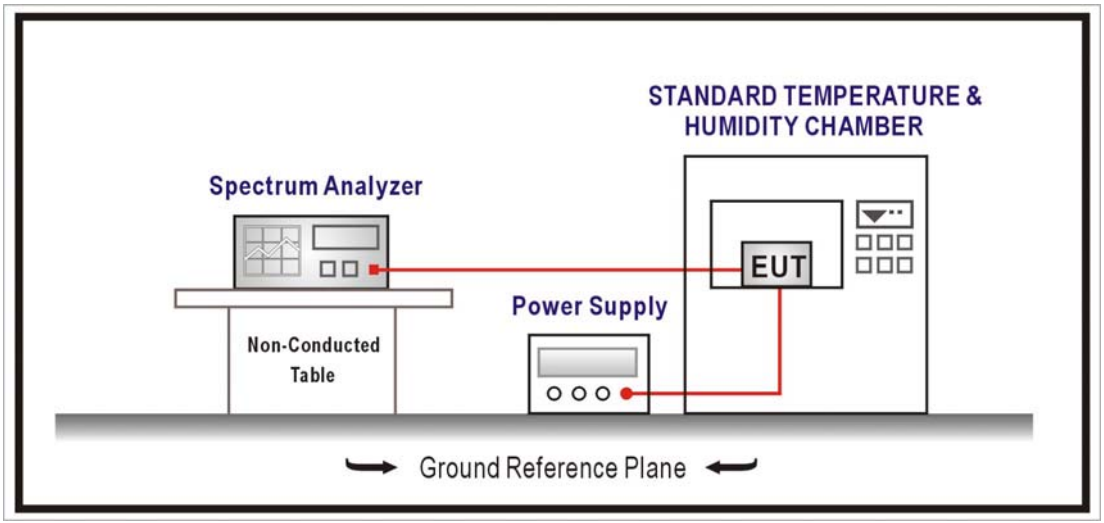
The following test equipments are used during the radiated emission tests:

Frequency Stability / SR7

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	Agilent	N9010A-EXA	US47140172	2014/08/05
Temperature & Humidity Chamber	WIT	TH-1S-B	1082101	2015/01/22

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

8.2. Test Setup



8.3. Limits

Manufactures of all devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified

8.4. Test Procedure

The EUT was setup to ANSI C63.10; tested to U-NII test procedure of KDB 789033 for compliance to FCC 47CFR Subpart E requirements.

8.5. Uncertainty

The measurement uncertainty is defined as ± 150 Hz

8.6. Test Result

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH - 802.11a - 5180MHz(ANT 0)		
Date of Test	2014/07/07	Test Site	SR7

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5180.2914	56.2561	PASS
-10		5180.6625	127.8944	PASS
0		5180.4317	83.3431	PASS
10		5180.1856	35.8307	PASS
20		5180.4954	95.6444	PASS
30		5180.4845	93.5388	PASS
40		5180.4671	90.1818	PASS
50		5180.6882	132.8628	PASS

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5180.2423	46.7848	PASS
	120	5180.4583	88.4742	PASS
	138	5180.2190	42.2830	PASS

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH - 802.11a - 5240MHz(ANT 0)		
Date of Test	2014/07/07	Test Site	SR7

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5240.3213	61.3090	PASS
-10		5240.8269	157.8021	PASS
0		5240.3092	59.0040	PASS
10		5240.0547	10.4408	PASS
20		5240.1938	36.9759	PASS
30		5240.4437	84.6710	PASS
40		5240.6348	121.1394	PASS
50		5240.8694	165.9171	PASS

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5240.8243	157.3050	PASS
	120	5240.4032	76.9412	PASS
	138	5240.6412	122.3627	PASS

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH - 802.11a - 5180MHz(ANT 1)		
Date of Test	2014/07/07	Test Site	SR7

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5180.8528	164.6250	PASS
-10		5180.0209	4.0307	PASS
0		5180.0410	7.9164	PASS
10		5180.6181	119.3297	PASS
20		5180.3260	62.9391	PASS
30		5180.7766	149.9287	PASS
40		5180.8807	170.0155	PASS
50		5180.3532	68.1772	PASS

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5180.1857	35.8567	PASS
	120	5180.5894	113.7855	PASS
	138	5180.8742	168.7562	PASS

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH - 802.11a - 5240MHz(ANT 1)		
Date of Test	2014/07/07	Test Site	SR7

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5240.4034	76.9763	PASS
-10		5240.6437	122.8493	PASS
0		5240.6668	127.2486	PASS
10		5240.2632	50.2276	PASS
20		5240.2074	39.5833	PASS
30		5240.5301	101.1685	PASS
40		5240.0273	5.2041	PASS
50		5240.7036	134.2818	PASS

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5240.8237	157.1965	PASS
	120	5240.3236	61.7625	PASS
	138	5240.7133	136.1262	PASS

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH - 802.11a - 5180MHz(ANT 2)		
Date of Test	2014/07/07	Test Site	SR7

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5180.3044	58.7627	PASS
-10		5180.4801	92.6777	PASS
0		5180.7644	147.5745	PASS
10		5180.8128	156.9111	PASS
20		5180.5963	115.1224	PASS
30		5180.4881	94.2205	PASS
40		5180.0485	9.3589	PASS
50		5180.2056	39.6836	PASS

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5180.0026	0.5011	PASS
	120	5180.5180	100.0092	PASS
	138	5180.2368	45.7103	PASS

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH - 802.11a - 5240MHz(ANT 2)		
Date of Test	2014/07/07	Test Site	SR7

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5240.3997	76.2767	PASS
-10		5240.8078	154.1595	PASS
0		5240.0516	9.8427	PASS
10		5240.0163	3.1157	PASS
20		5240.3281	62.6168	PASS
30		5240.5807	110.8161	PASS
40		5240.6107	116.5439	PASS
50		5240.1746	33.3199	PASS

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5240.1065	20.3163	PASS
	120	5240.5049	96.3494	PASS
	138	5240.4293	81.9326	PASS

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH - 802.11n_20M - 5180MHz(ANT 0)		
Date of Test	2014/07/07	Test Site	SR7

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5180.0552	10.6532	PASS
-10		5180.5786	111.6938	PASS
0		5180.6622	127.8446	PASS
10		5180.5981	115.4609	PASS
20		5180.6057	116.9338	PASS
30		5180.8385	161.8756	PASS
40		5180.2530	48.8494	PASS
50		5180.3934	75.9456	PASS

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5180.3467	66.9334	PASS
	120	5180.8543	164.9167	PASS
	138	5180.1597	30.8388	PASS

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH - 802.11n_20M - 5240MHz(ANT 0)		
Date of Test	2014/07/07	Test Site	SR7

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5240.8849	168.8686	PASS
-10		5240.4360	83.1970	PASS
0		5240.3752	71.6018	PASS
10		5240.3648	69.6229	PASS
20		5240.2259	43.1017	PASS
30		5240.6939	132.4233	PASS
40		5240.1609	30.7054	PASS
50		5240.8553	163.2173	PASS

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5240.4830	92.1698	PASS
	120	5240.3074	58.6587	PASS
	138	5240.2889	55.1298	PASS

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH - 802.11n_20M - 5180MHz(ANT 1)		
Date of Test	2014/07/07	Test Site	SR7

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5180.3096	59.7723	PASS
-10		5180.2181	42.0946	PASS
0		5180.5600	108.1066	PASS
10		5180.8731	168.5591	PASS
20		5180.0605	11.6815	PASS
30		5180.4591	88.6224	PASS
40		5180.5559	107.3229	PASS
50		5180.6022	116.2512	PASS

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5180.8099	156.3553	PASS
	120	5180.3381	65.2733	PASS
	138	5180.7255	140.0556	PASS

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH - 802.11n_20M - 5240MHz(ANT 1)		
Date of Test	2014/07/07	Test Site	SR7

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5240.6266	119.5879	PASS
-10		5240.8337	159.1038	PASS
0		5240.6961	132.8466	PASS
10		5240.3465	66.1200	PASS
20		5240.8590	163.9259	PASS
30		5240.4530	86.4582	PASS
40		5240.8077	154.1400	PASS
50		5240.8496	162.1280	PASS

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5240.5908	112.7441	PASS
	120	5240.4709	89.8749	PASS
	138	5240.2353	44.9011	PASS

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH - 802.11n_20M - 5180MHz(ANT 2)		
Date of Test	2014/07/07	Test Site	SR7

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5180.7636	147.4088	PASS
-10		5180.3596	69.4141	PASS
0		5180.7794	150.4610	PASS
10		5180.0579	11.1821	PASS
20		5180.2527	48.7877	PASS
30		5180.8576	165.5503	PASS
40		5180.8941	172.6146	PASS
50		5180.2731	52.7310	PASS

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5180.5492	106.0266	PASS
	120	5180.8196	158.2328	PASS
	138	5180.3305	63.8015	PASS

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH - 802.11n_20M - 5240MHz(ANT 2)		
Date of Test	2014/07/07	Test Site	SR7

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5240.3138	59.8834	PASS
-10		5240.5564	106.1923	PASS
0		5240.2604	49.6861	PASS
10		5240.2380	45.4136	PASS
20		5240.8676	165.5701	PASS
30		5240.4668	89.0792	PASS
40		5240.6878	131.2589	PASS
50		5240.5390	102.8705	PASS

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5240.3871	73.8790	PASS
	120	5240.7515	143.4080	PASS
	138	5240.2588	49.3917	PASS

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH - 802.11n_40M - 5190MHz(ANT 0)		
Date of Test	2014/07/07	Test Site	SR7

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5190.1955	37.6653	PASS
-10		5190.0493	9.4915	PASS
0		5190.6791	130.8449	PASS
10		5190.4849	93.4252	PASS
20		5190.2640	50.8696	PASS
30		5190.1622	31.2566	PASS
40		5190.3696	71.2214	PASS
50		5190.7141	137.5842	PASS

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5190.7396	142.5077	PASS
	120	5190.3744	72.1480	PASS
	138	5190.2454	47.2788	PASS

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH - 802.11n_40M - 5230MHz(ANT 0)		
Date of Test	2014/07/07	Test Site	SR7

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5230.6458	123.4770	PASS
-10		5230.7891	150.8769	PASS
0		5230.8038	153.6874	PASS
10		5230.2646	50.5991	PASS
20		5230.8521	162.9243	PASS
30		5230.4088	78.1649	PASS
40		5230.1392	26.6138	PASS
50		5230.0774	14.7975	PASS

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5230.7855	150.1932	PASS
	120	5230.1129	21.5824	PASS
	138	5230.8446	161.4949	PASS

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH - 802.11n_40M - 5190MHz(ANT 1)		
Date of Test	2014/07/07	Test Site	SR7

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5190.0052	0.9941	PASS
-10		5190.7029	135.4267	PASS
0		5190.0213	4.0981	PASS
10		5190.2743	52.8576	PASS
20		5190.6934	133.6117	PASS
30		5190.2130	41.0419	PASS
40		5190.5384	103.7357	PASS
50		5190.2016	38.8420	PASS

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5190.2448	47.1722	PASS
	120	5190.6764	130.3255	PASS
	138	5190.1117	21.5251	PASS

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH - 802.11n_40M - 5230MHz(ANT 1)		
Date of Test	2014/07/07	Test Site	SR7

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5230.1675	32.0321	PASS
-10		5230.2304	44.0520	PASS
0		5230.2696	51.5571	PASS
10		5230.5625	107.5457	PASS
20		5230.8506	162.6332	PASS
30		5230.7525	143.8835	PASS
40		5230.6991	133.6754	PASS
50		5230.1690	32.3102	PASS

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5230.4302	82.2493	PASS
	120	5230.0596	11.3923	PASS
	138	5230.3422	65.4320	PASS

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH - 802.11n_40M - 5190MHz(ANT 2)		
Date of Test	2014/07/07	Test Site	SR7

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5190.2538	48.9023	PASS
-10		5190.3714	71.5565	PASS
0		5190.6936	133.6387	PASS
10		5190.6848	131.9511	PASS
20		5190.1684	32.4402	PASS
30		5190.3970	76.4951	PASS
40		5190.4216	81.2414	PASS
50		5190.2468	47.5518	PASS

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5190.8522	164.1970	PASS
	120	5190.6182	119.1211	PASS
	138	5190.5096	98.1865	PASS

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH - 802.11n_40M - 5230MHz(ANT 2)		
Date of Test	2014/07/07	Test Site	SR7

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5230.1082	20.6851	PASS
-10		5230.0350	6.6997	PASS
0		5230.5142	98.3104	PASS
10		5230.7908	151.2091	PASS
20		5230.7663	146.5161	PASS
30		5230.0179	3.4219	PASS
40		5230.4500	86.0375	PASS
50		5230.4080	78.0066	PASS

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5230.6158	117.7452	PASS
	120	5230.8309	158.8668	PASS
	138	5230.7950	152.0121	PASS

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH - 802.11ac_80M - 5210MHz(ANT 0)		
Date of Test	2014/07/07	Test Site	SR7

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5210.8161	156.6461	PASS
-10		5210.1680	32.2524	PASS
0		5210.7598	145.8271	PASS
10		5210.7848	150.6314	PASS
20		5210.0067	1.2936	PASS
30		5210.6804	130.5941	PASS
40		5210.7504	144.0229	PASS
50		5210.2665	51.1444	PASS

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5210.7167	137.5656	PASS
	120	5210.0218	4.1927	PASS
	138	5210.5183	99.4779	PASS

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH - 802.11ac_80M - 5210MHz(ANT 1)		
Date of Test	2014/07/07	Test Site	SR7

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5210.4758	91.3269	PASS
-10		5210.8111	155.6803	PASS
0		5210.0501	9.6109	PASS
10		5210.5560	106.7177	PASS
20		5210.3600	69.0928	PASS
30		5210.2891	55.4966	PASS
40		5210.3077	59.0621	PASS
50		5210.0462	8.8706	PASS

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5210.3728	71.5479	PASS
	120	5210.5143	98.7117	PASS
	138	5210.2144	41.1450	PASS

Product	Wireless-AC1900 Dual Band Gigabit Router		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH - 802.11ac_80M - 5210MHz(ANT 2)		
Date of Test	2014/07/07	Test Site	SR7

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5210.5189	99.5986	PASS
-10		5210.5239	100.5491	PASS
0		5210.6273	120.4003	PASS
10		5210.2626	50.3995	PASS
20		5210.5035	96.6373	PASS
30		5210.2700	51.8174	PASS
40		5210.1547	29.6896	PASS
50		5210.1284	24.6491	PASS

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5210.1064	20.4277	PASS
	120	5210.7467	143.3130	PASS
	138	5210.8464	162.4533	PASS