6. Peak Excursion

6.1. Test Equipment

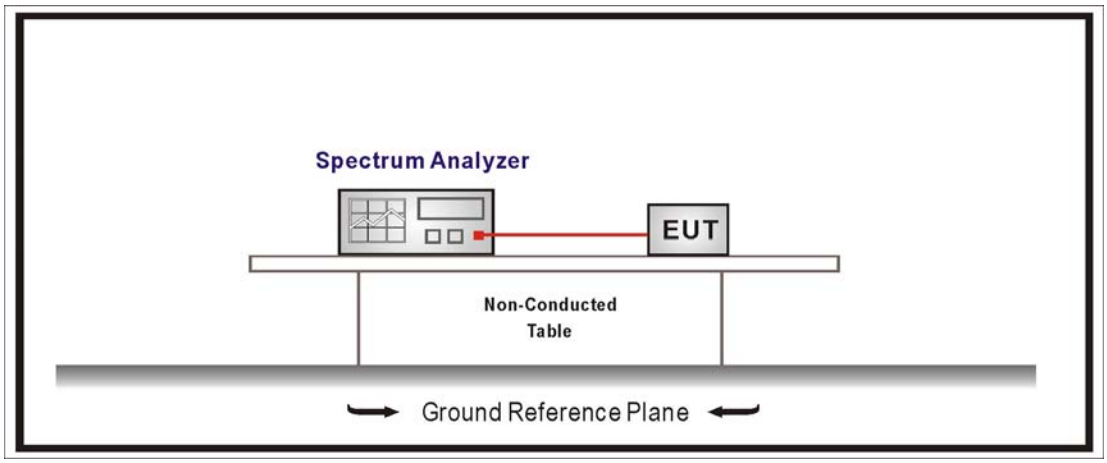
The following test equipments are used during the radiated emission tests:

Peak Excursion / SR7

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	Agilent	N9010A-EXA	US47140172	2013/08/06

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

6.2. Test Setup



6.3. Limits

The ratio of the peak excursion of the modulation envelope (measured suing a peak hold function) to the peak transmit power (measured as specified above) shall not exceed 13 dB across any 1 MHz bandwidth or the emission bandwidth whichever is less.

6.4. Test Procedure

The EUT was setup to ANSI C63.4, 2009; tested to U-NII test procedure of March 2012 KDB 789033 for compliance to FCC 47CFR Subpart E requirements.

1st Trace:

Set RBW = 1MHz, VBW = 3MHz with peak detector and max-hold settings.

2nd Trace:

Set RBW = 1MHz, VBW = 3MHz with RMS detector and trace average 100 traces in power averaging mode.

6.5. Uncertainty

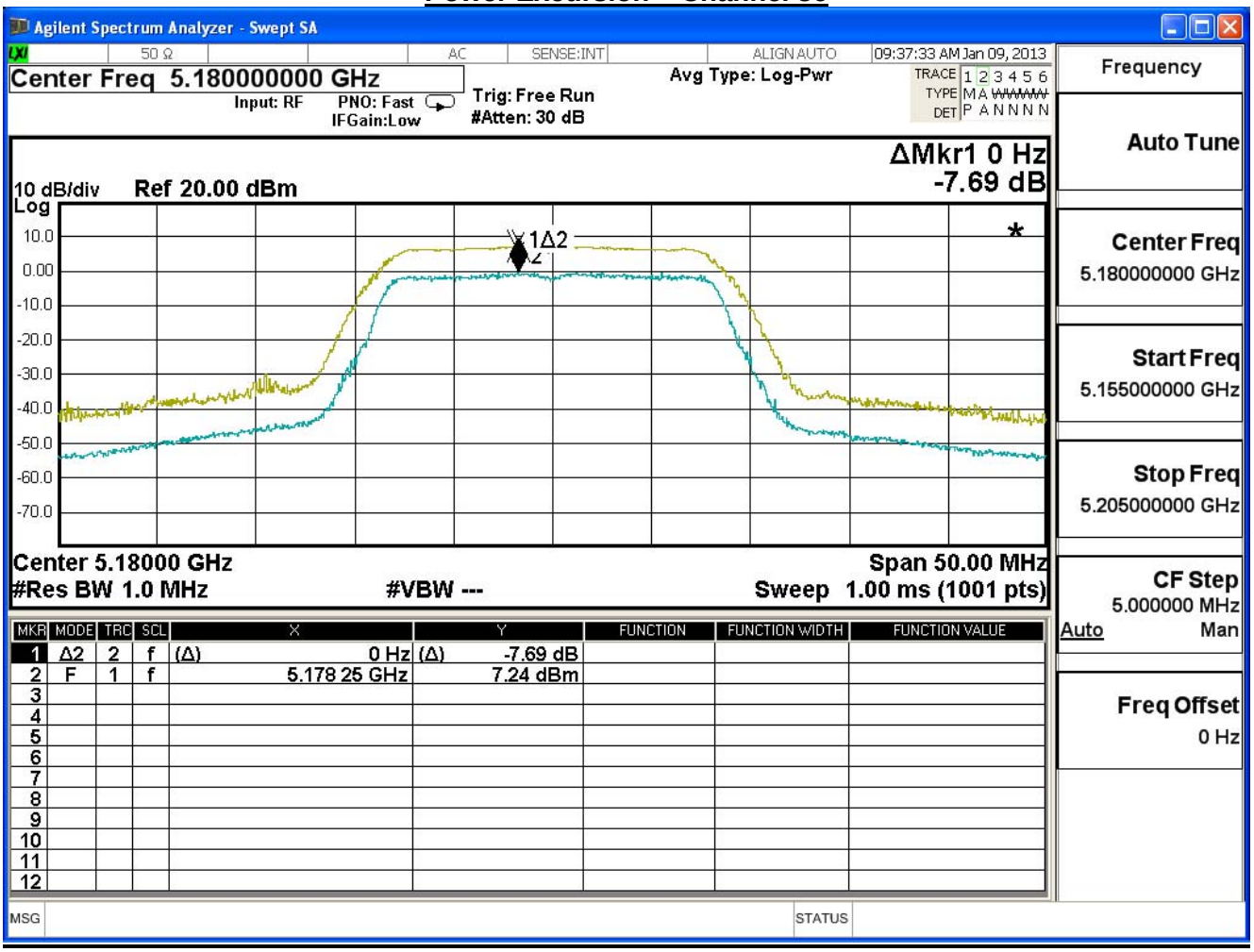
The measurement uncertainty is defined as ± 1.27 dB

6.6. Test Result

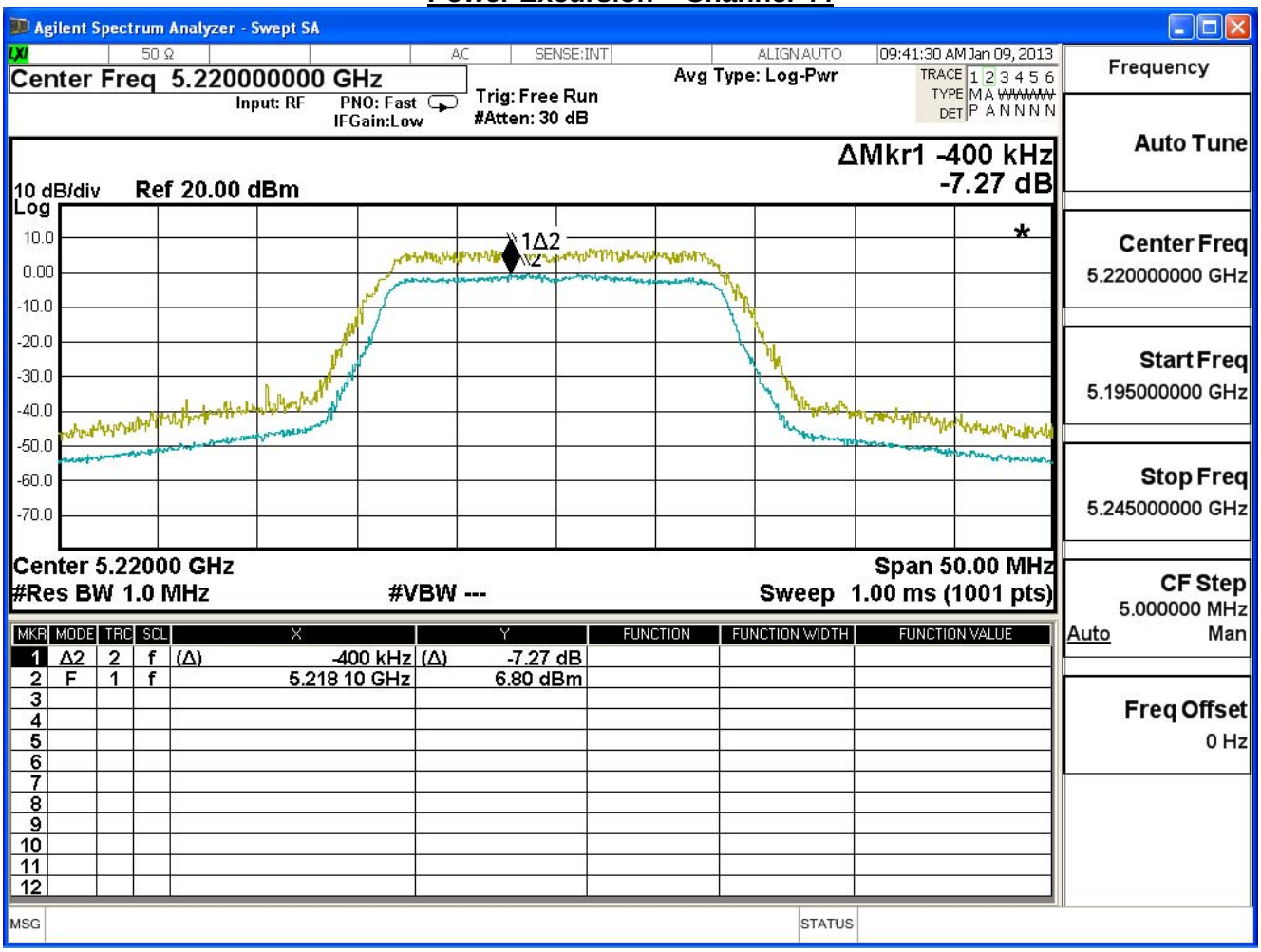
Product	Dual-band Wireless-AC1200 Gigabit Router		
Test Item	Peak Excursion		
Test Mode	Transmit		
Date of Test	2013/01/09	Test Site	SR7

IEEE 802.11a				
Channel No.	Frequency (MHz)	Measure Level (dB)	Required Limit (dB)	Result
36	5180	7.69	≤ 13	Pass
44	5220	7.27	≤ 13	Pass
48	5240	7.19	≤ 13	Pass

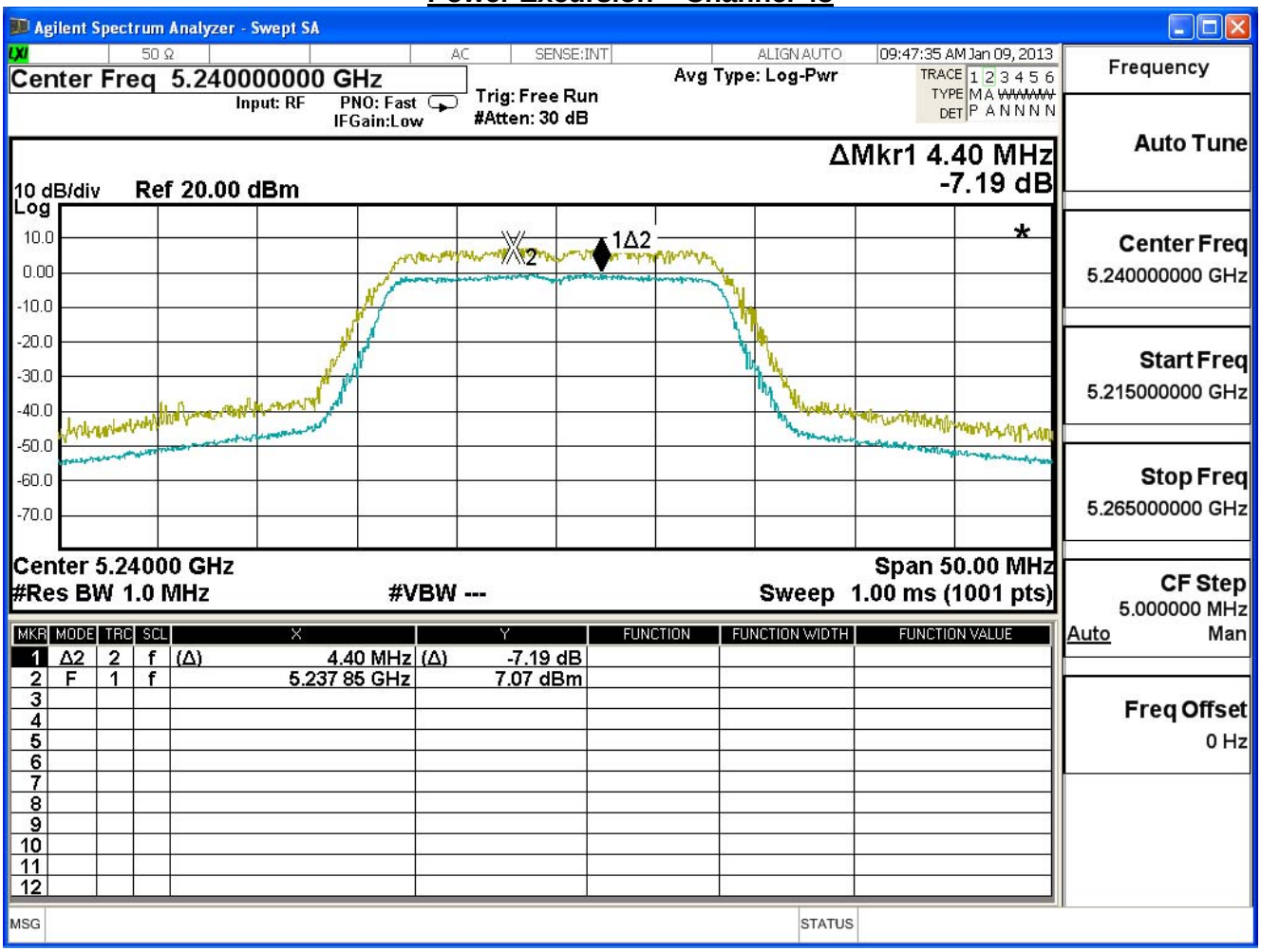
Power Excursion – Channel 36



Power Excursion – Channel 44



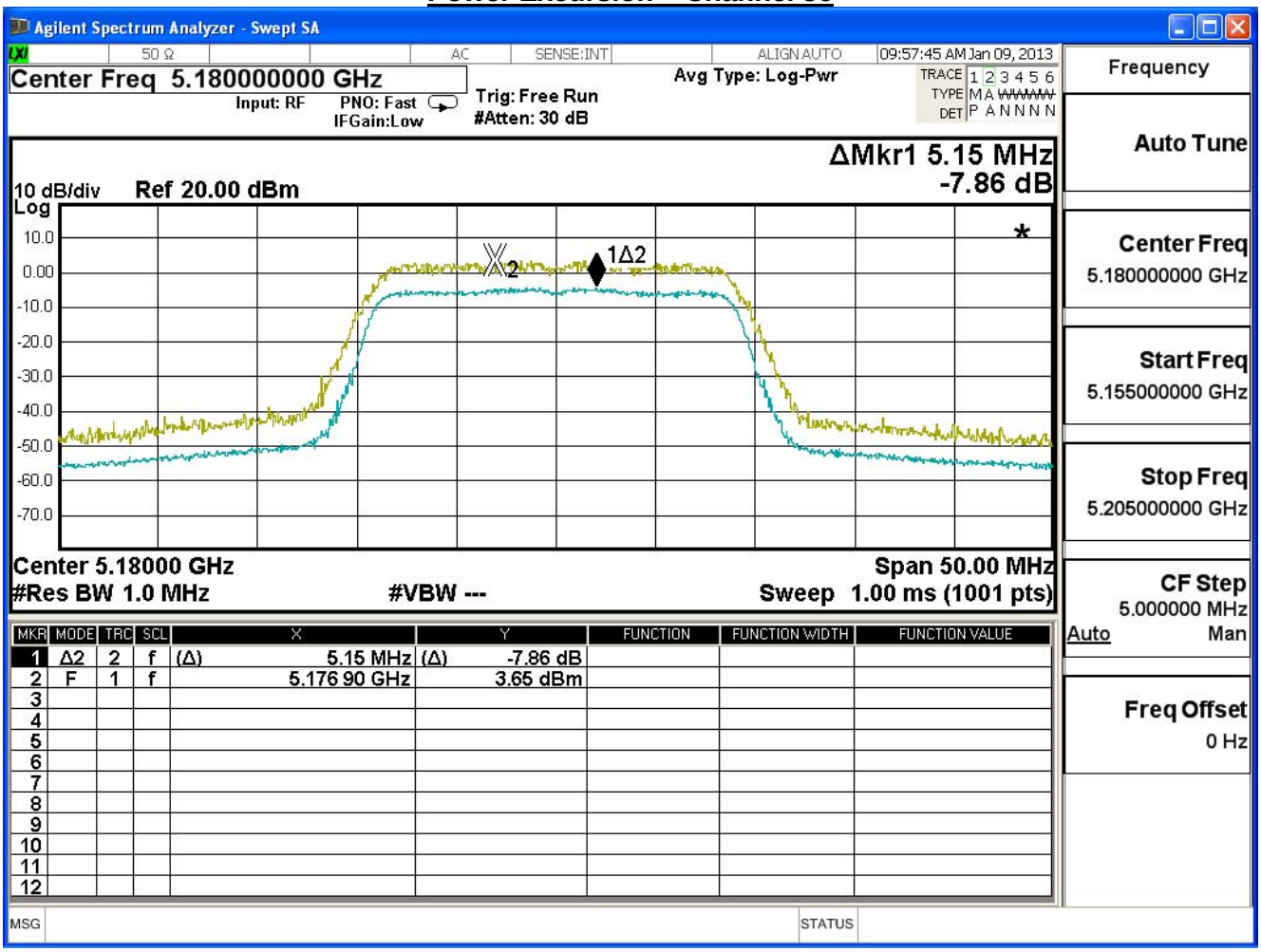
Power Excursion – Channel 48



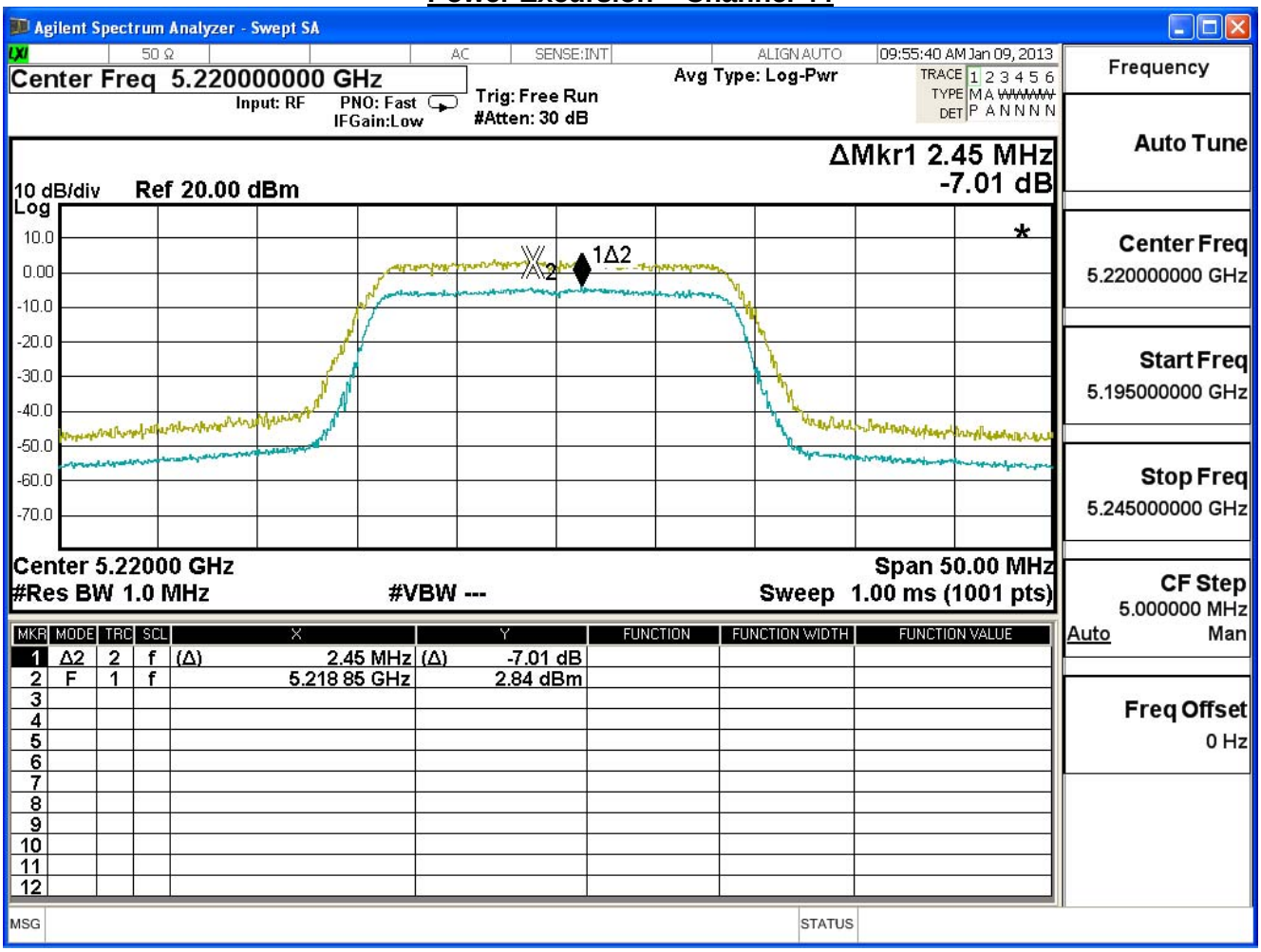
Product	Dual-band Wireless-AC1200 Gigabit Router		
Test Item	Peak Excursion		
Test Mode	Transmit		
Date of Test	2013/01/09	Test Site	SR7

IEEE 802.11n_20M(ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dB)	Required Limit (dB)	Result
36	5180	7.86	≤ 13	Pass
44	5220	7.01	≤ 13	Pass
48	5240	7.69	≤ 13	Pass

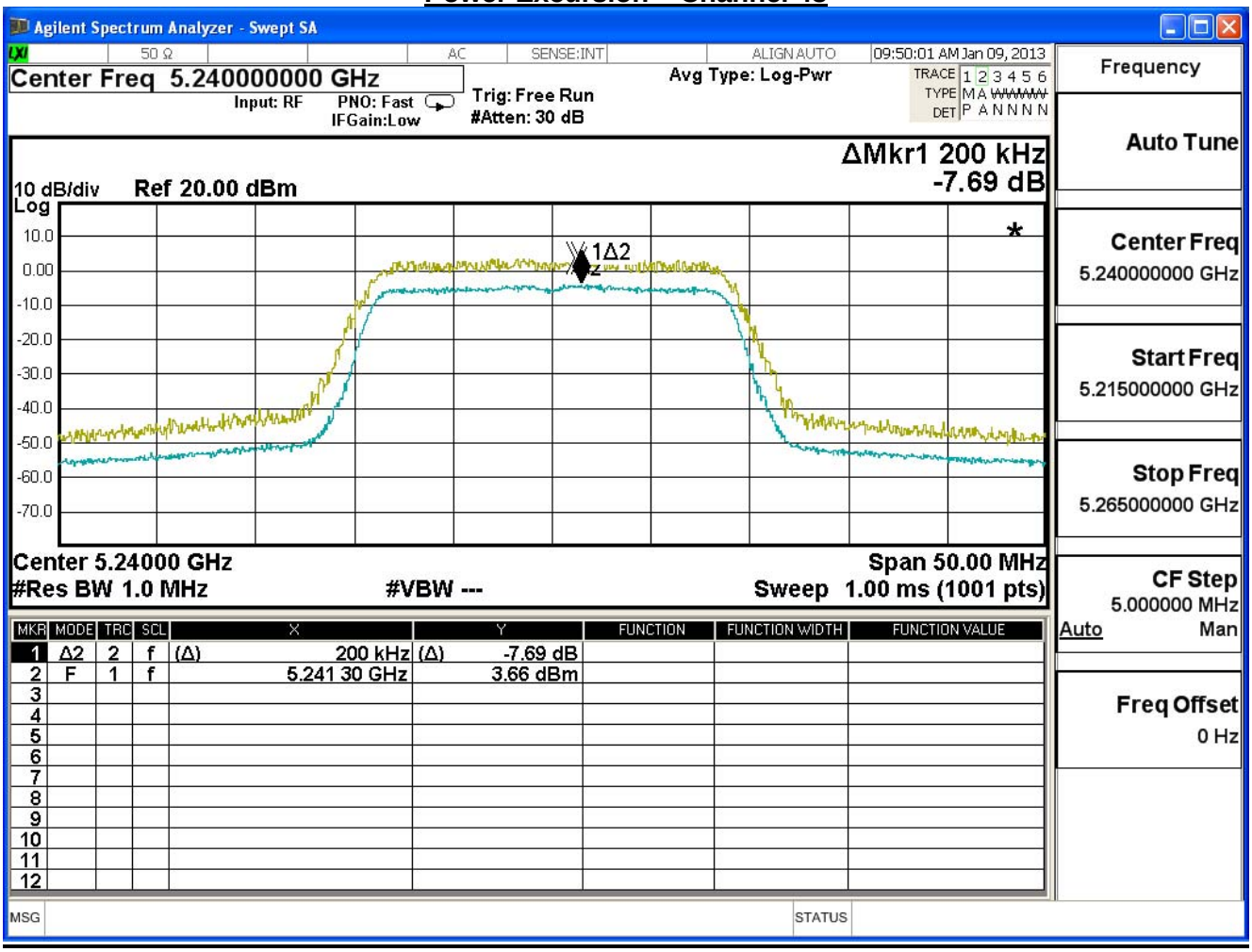
Power Excursion – Channel 36



Power Excursion – Channel 44



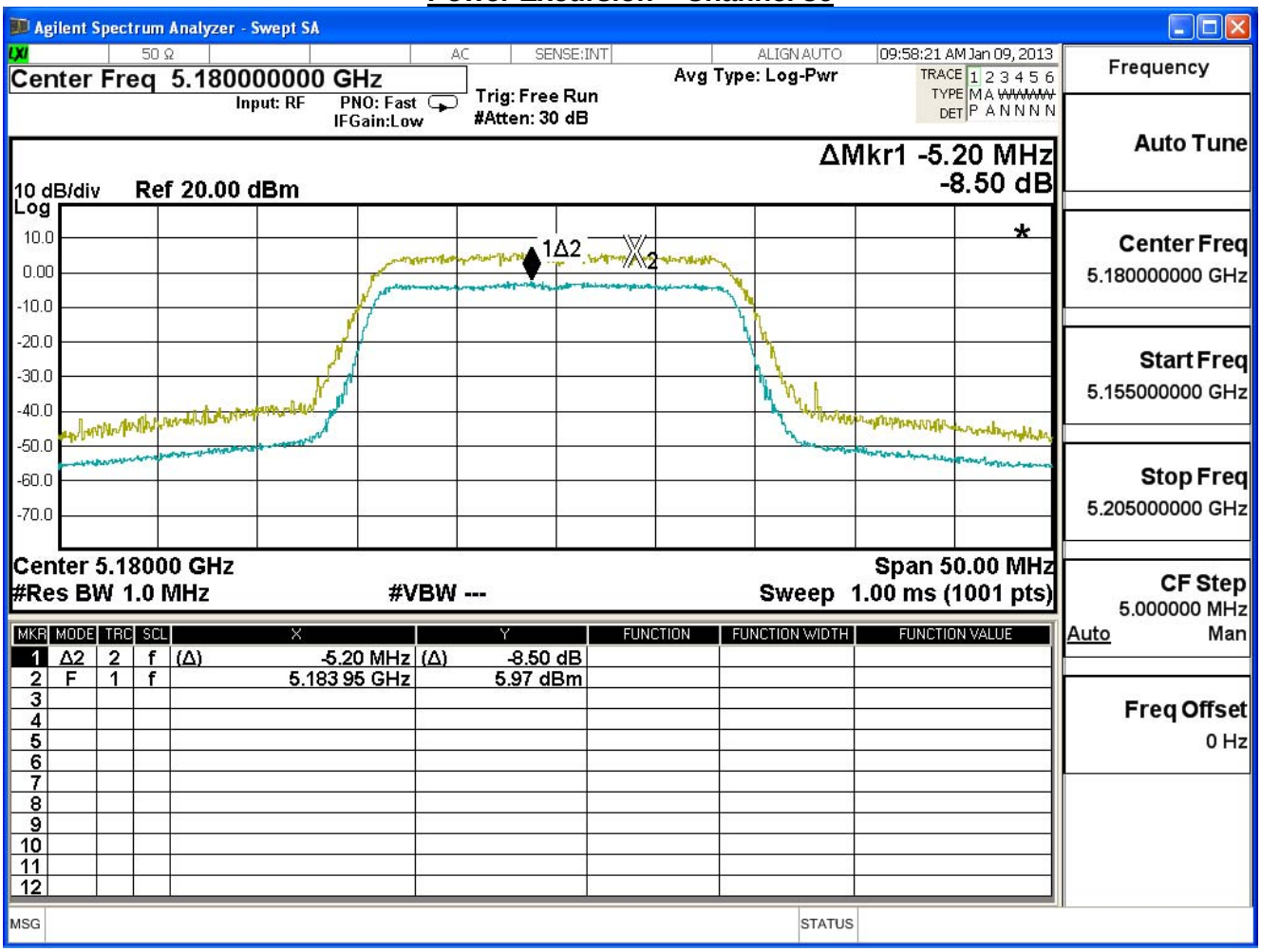
Power Excursion – Channel 48



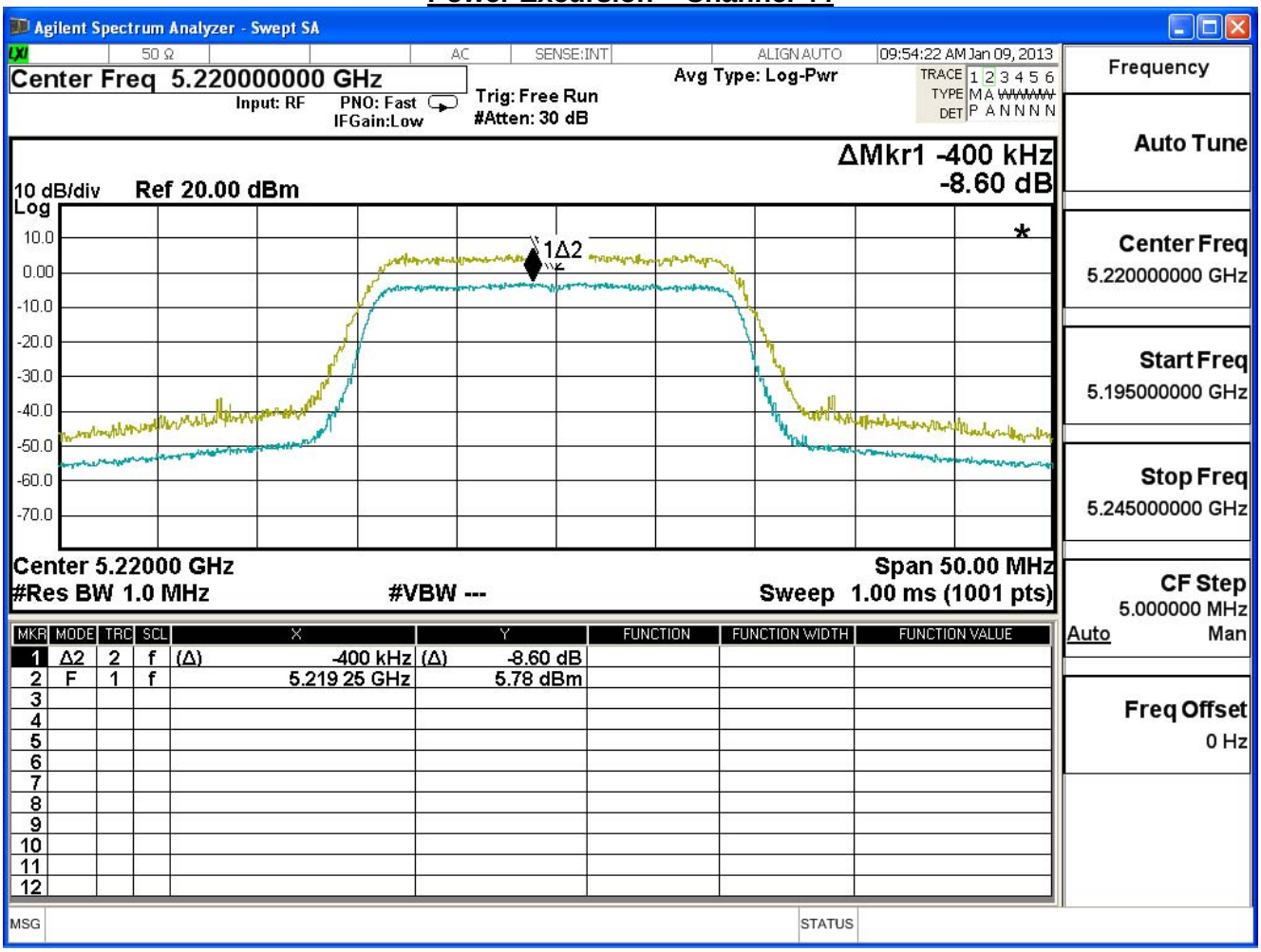
Product	Dual-band Wireless-AC1200 Gigabit Router		
Test Item	Peak Excursion		
Test Mode	Transmit		
Date of Test	2013/01/09	Test Site	SR7

IEEE 802.11n_20M(ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dB)	Required Limit (dB)	Result
36	5180	8.50	≤ 13	Pass
44	5220	8.60	≤ 13	Pass
48	5240	8.34	≤ 13	Pass

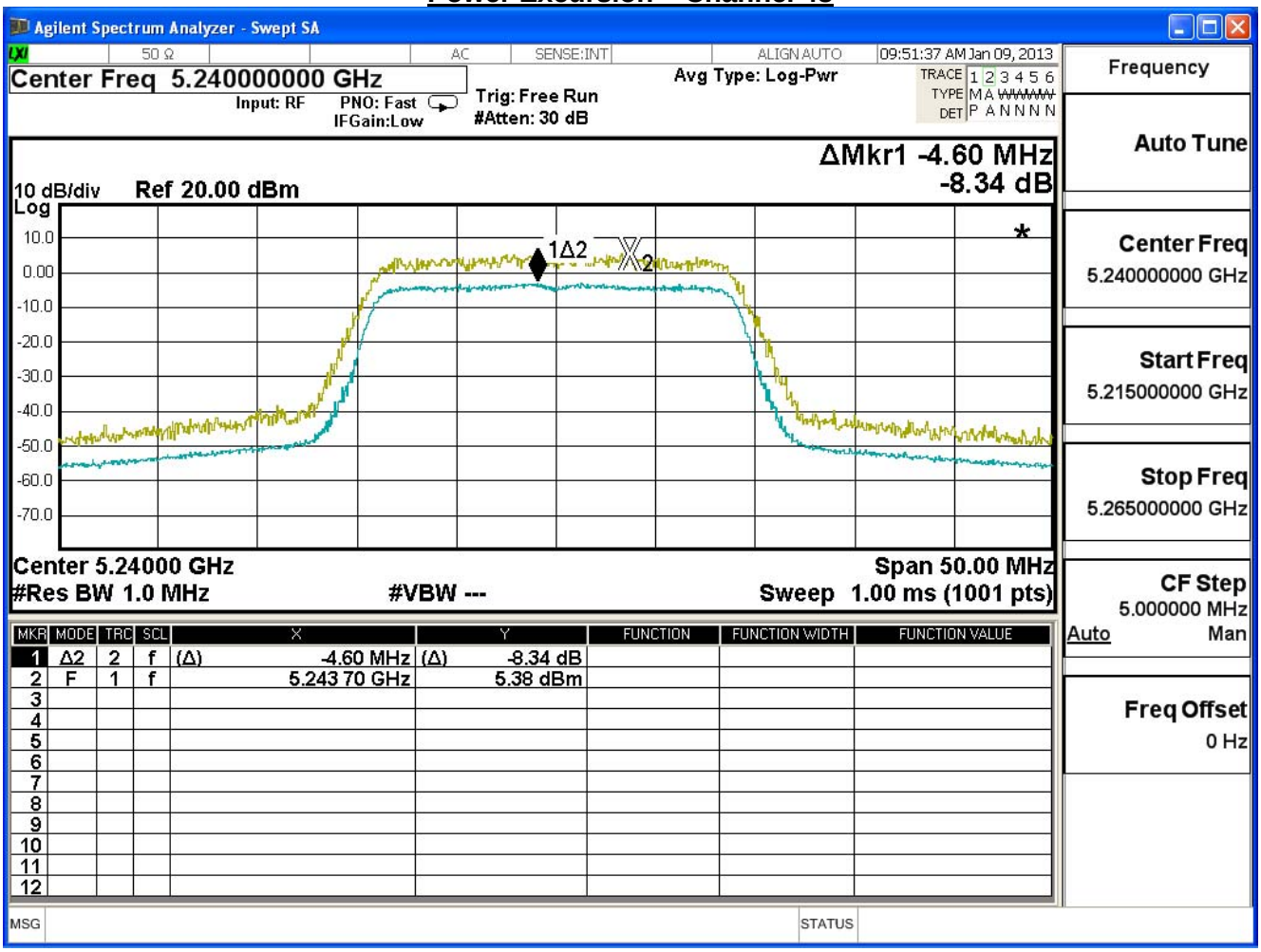
Power Excursion – Channel 36



Power Excursion – Channel 44



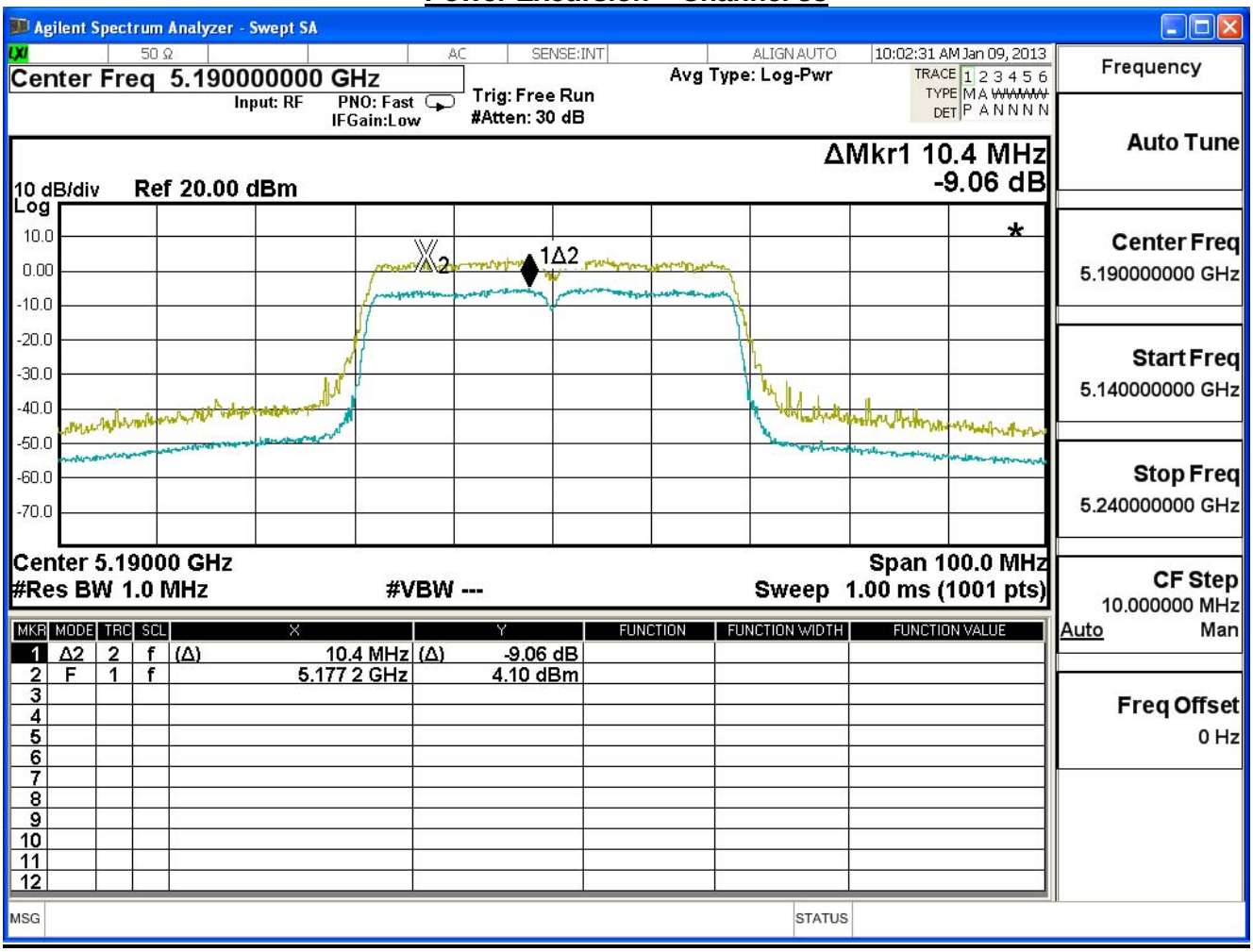
Power Excursion – Channel 48



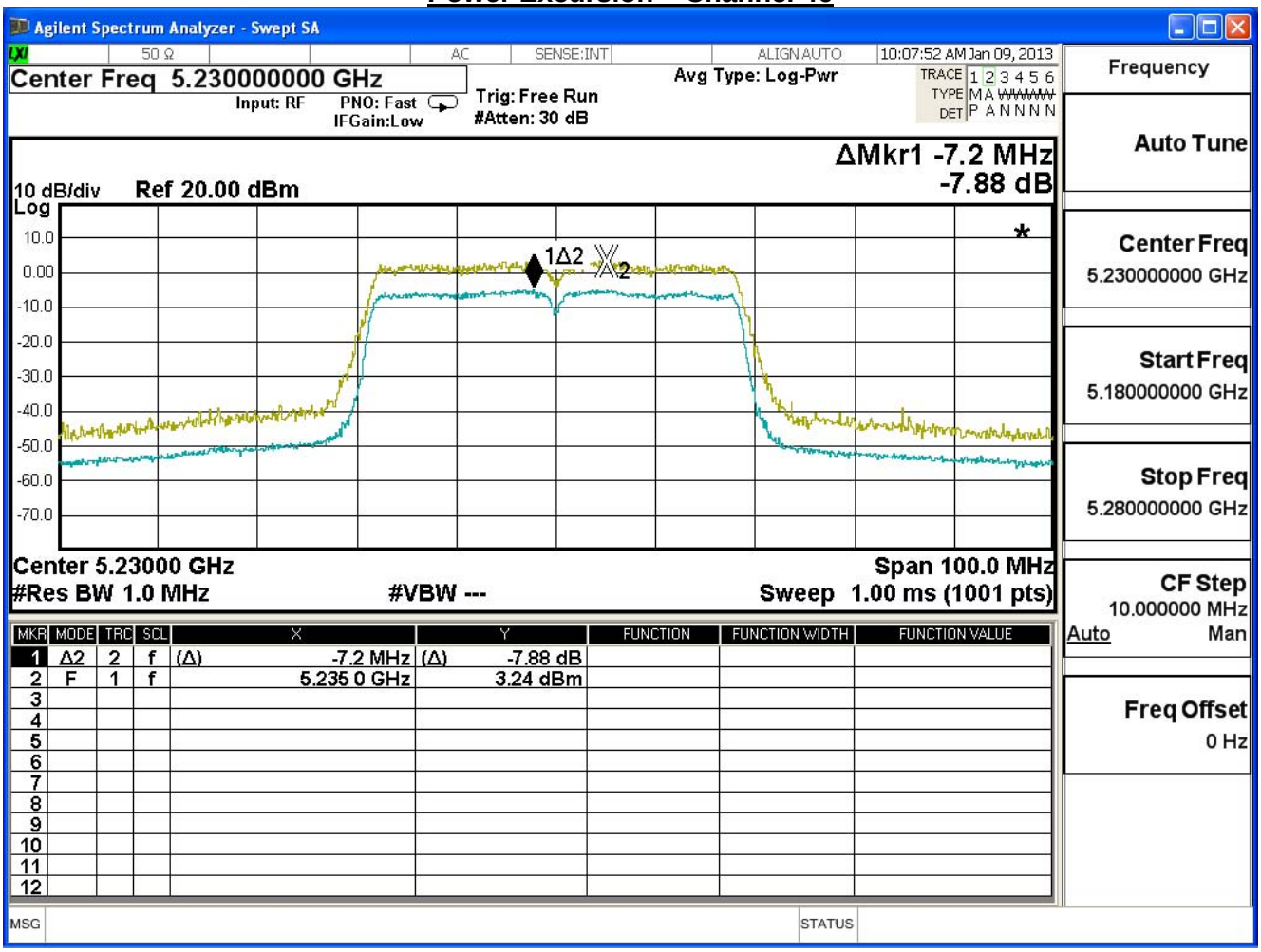
Product	Dual-band Wireless-AC1200 Gigabit Router		
Test Item	Peak Excursion		
Test Mode	Transmit		
Date of Test	2013/01/09	Test Site	SR7

IEEE 802.11n_40M(ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dB)	Required Limit (dB)	Result
38	5190	9.06	≤ 13	Pass
46	5230	7.88	≤ 13	Pass

Power Excursion – Channel 38



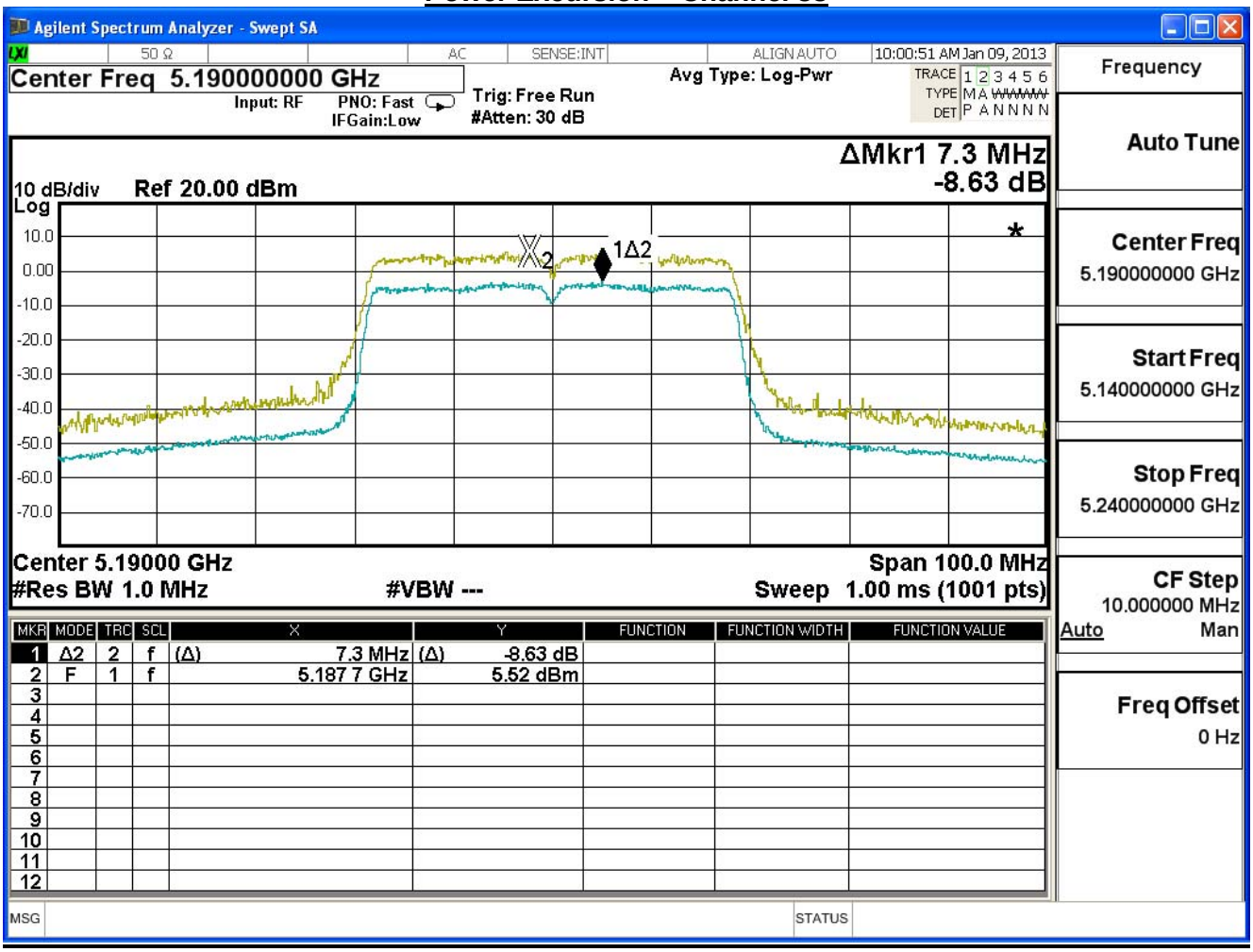
Power Excursion – Channel 46



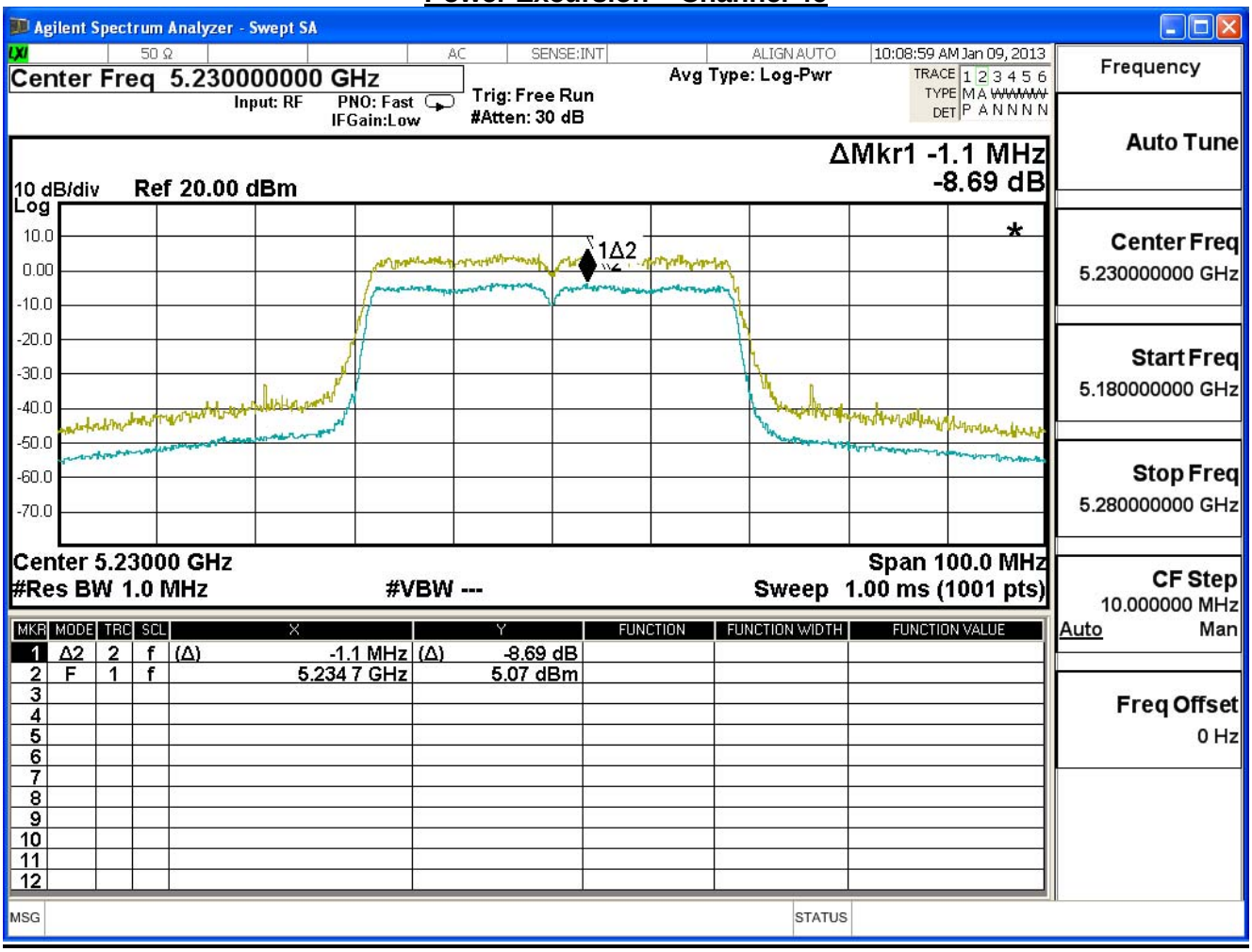
Product	Dual-band Wireless-AC1200 Gigabit Router		
Test Item	Peak Excursion		
Test Mode	Transmit		
Date of Test	2013/01/09	Test Site	SR7

IEEE 802.11n_40M(ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dB)	Required Limit (dB)	Result
38	5190	8.63	≤ 13	Pass
46	5230	8.69	≤ 13	Pass

Power Excursion – Channel 38



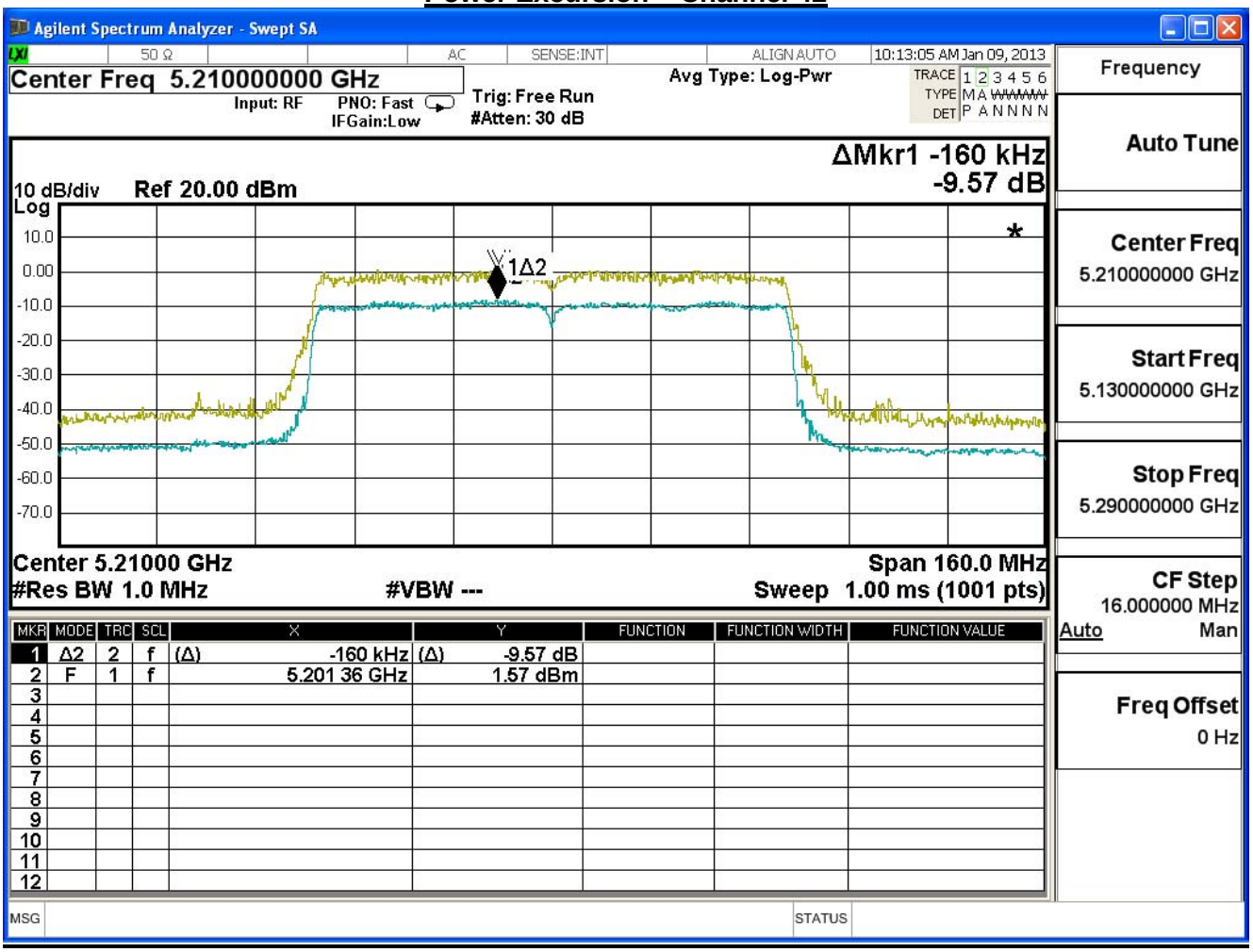
Power Excursion – Channel 46



Product	Dual-band Wireless-AC1200 Gigabit Router		
Test Item	Peak Excursion		
Test Mode	Transmit		
Date of Test	2013/01/09	Test Site	SR7

IEEE 802.11ac_80M(ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dB)	Required Limit (dB)	Result
42	5210	9.57	≤ 13	Pass

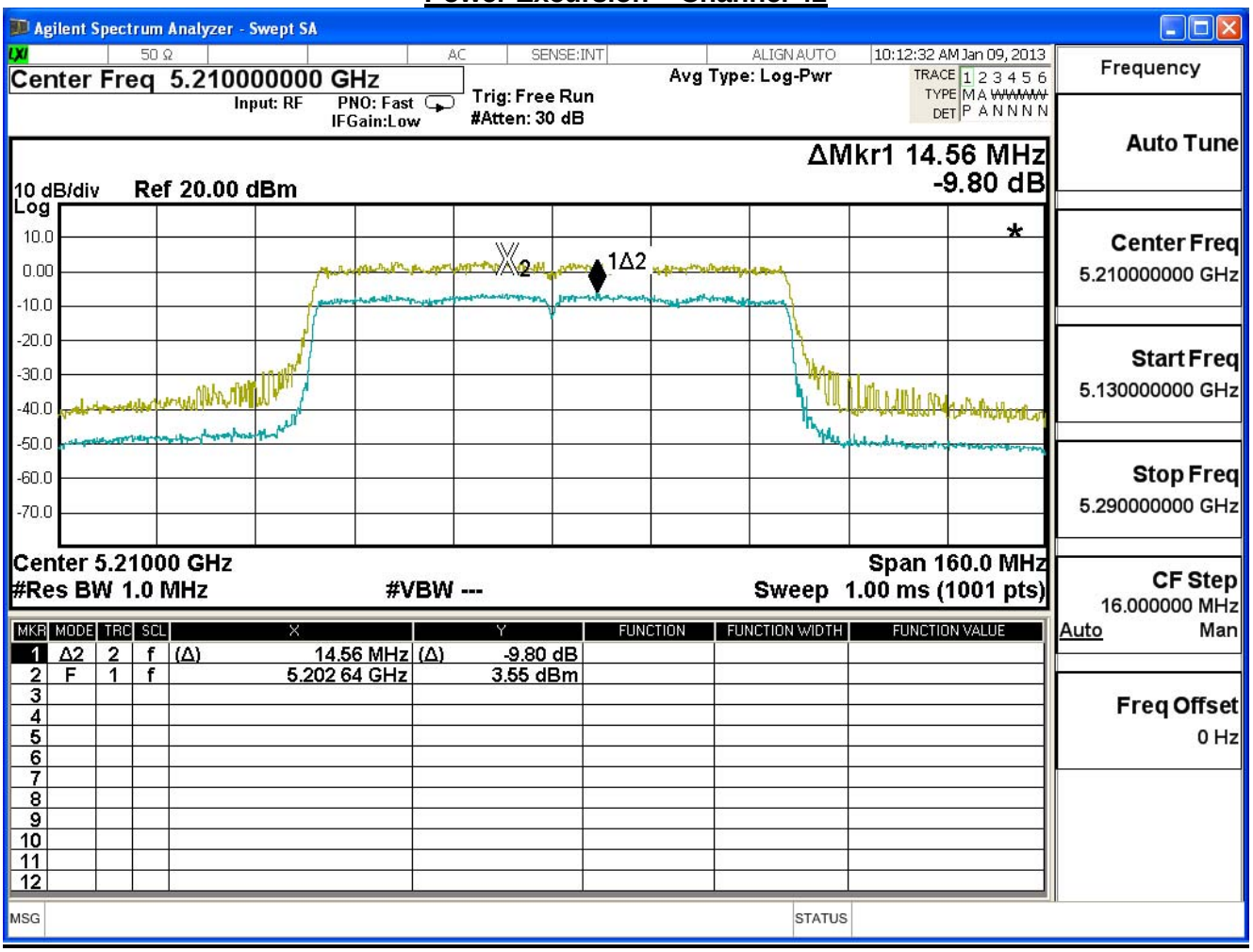
Power Excursion – Channel 42



Product	Dual-band Wireless-AC1200 Gigabit Router		
Test Item	Peak Excursion		
Test Mode	Transmit		
Date of Test	2013/01/09	Test Site	SR7

IEEE 802.11ac_80M(ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dB)	Required Limit (dB)	Result
42	5210	9.80	≤ 13	Pass

Power Excursion – Channel 42



7. Radiated Emission

7.1. Test Equipment

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

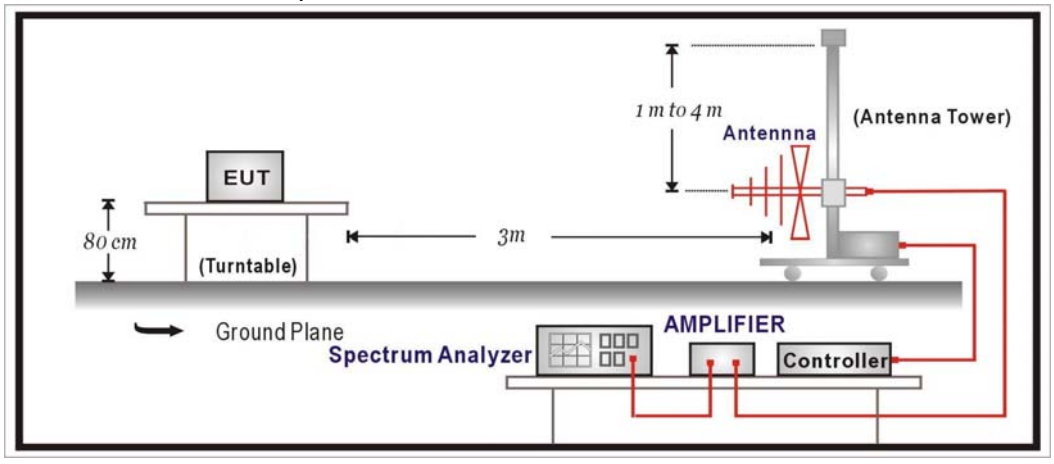
Radiated Emission / CB1

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Bilog Antenna	SCHAFFNER	CBL6112B	2895	2013/08/14
Double Ridged Guide Horn Antenna	Schwarzback	BBHA 9120	D743	2014/02/17
Pre-Amplifier	MITEQ	AMF-4D-005180-24-10P	888003	2013/12/02
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

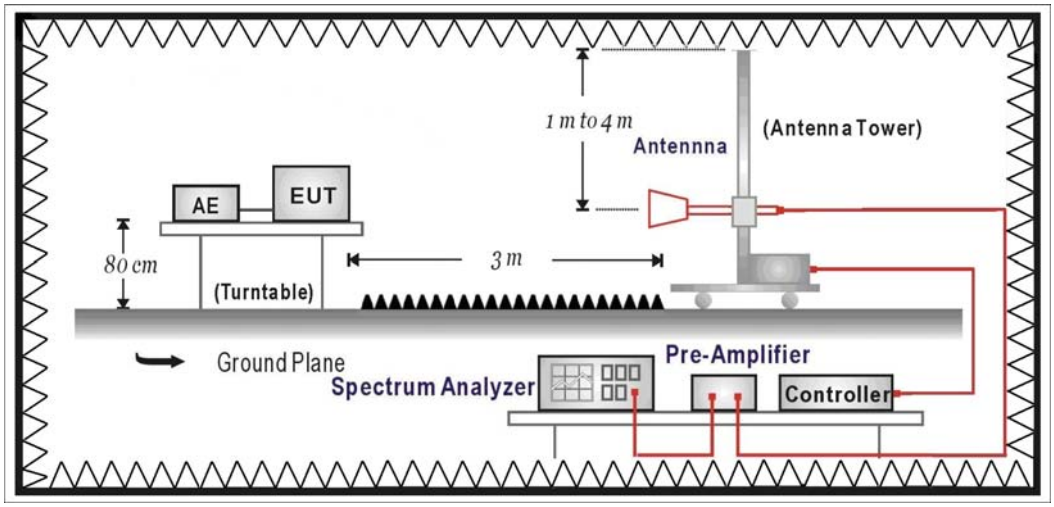
Note: 1. All equipments that need to calibrate are with calibration period of 1 year.

7.2. Test Setup

Under 1GHz Test Setup:



Above 1GHz Test Setup:



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:

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)

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 C63.4: 2009 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 (R&S Test Receiver ESCS 30)is 120 KHz, above 1GHz are 1 MHz.
The frequency range from 30MHz to 10th harminics is checked.

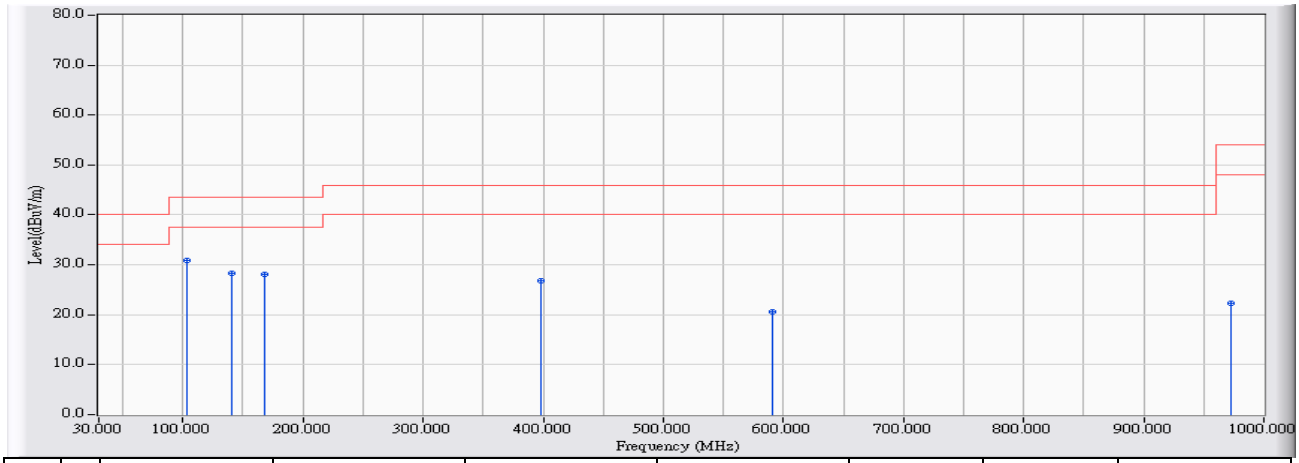
7.5. Uncertainty

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

7.6. Test Result

30MHz-1GHz Spurious

Site : CB1	**Time : 2013/02/19 - 11:55**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB3_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Transmit_EXA1206UH_LAN1 802.11a_5220MHz**

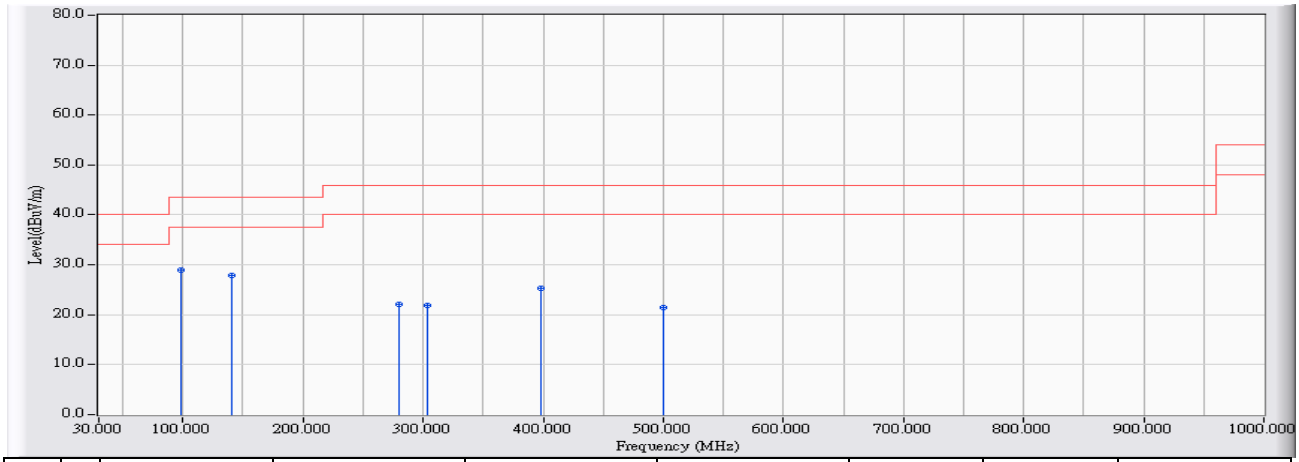


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	103.720	-12.582	43.565	30.983	-12.517	43.500	QUASIPEAK
2		140.580	-12.579	40.963	28.384	-15.116	43.500	QUASIPEAK
3		167.740	-13.950	42.063	28.112	-15.388	43.500	QUASIPEAK
4		398.600	-7.437	34.277	26.841	-19.159	46.000	QUASIPEAK
5		590.660	-4.899	25.404	20.505	-25.495	46.000	QUASIPEAK
6		972.840	-1.617	23.876	22.258	-31.742	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 : 2013/02/19 - 11:55**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Transmit_EXA1206UH_LAN1 802.11a_5220MHz**

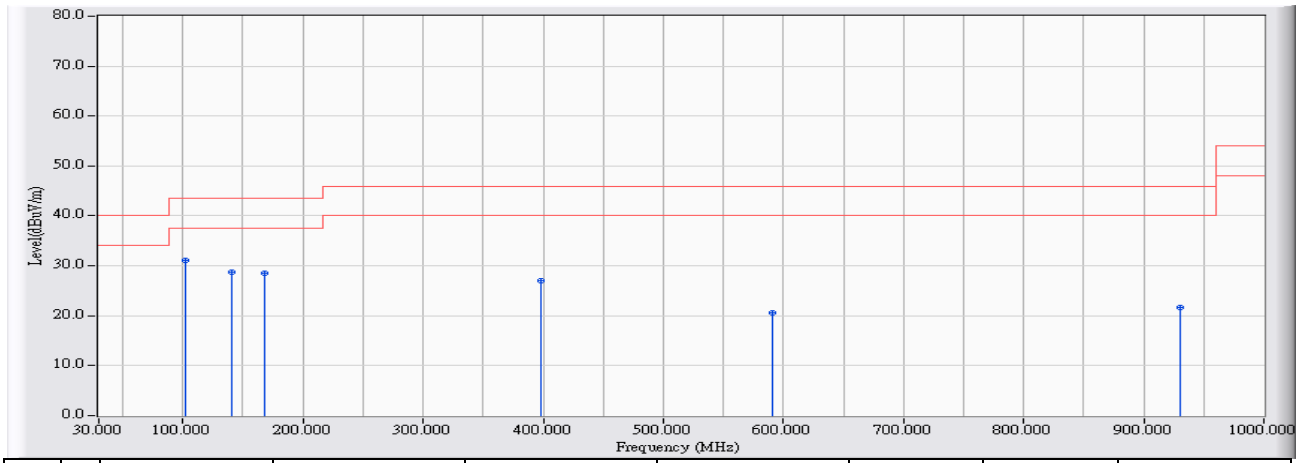


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	97.900	-13.248	42.164	28.916	-14.584	43.500	QUASIPEAK
2		140.580	-12.579	40.493	27.914	-15.586	43.500	QUASIPEAK
3		280.260	-10.320	32.305	21.985	-24.015	46.000	QUASIPEAK
4		303.540	-9.840	31.733	21.893	-24.107	46.000	QUASIPEAK
5		398.600	-7.437	32.738	25.302	-20.698	46.000	QUASIPEAK
6		499.480	-5.103	26.601	21.498	-24.502	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 : 2013/02/19 - 11:55**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Transmit_EXA1206UH_LAN1 802.11N20_5220MHz**

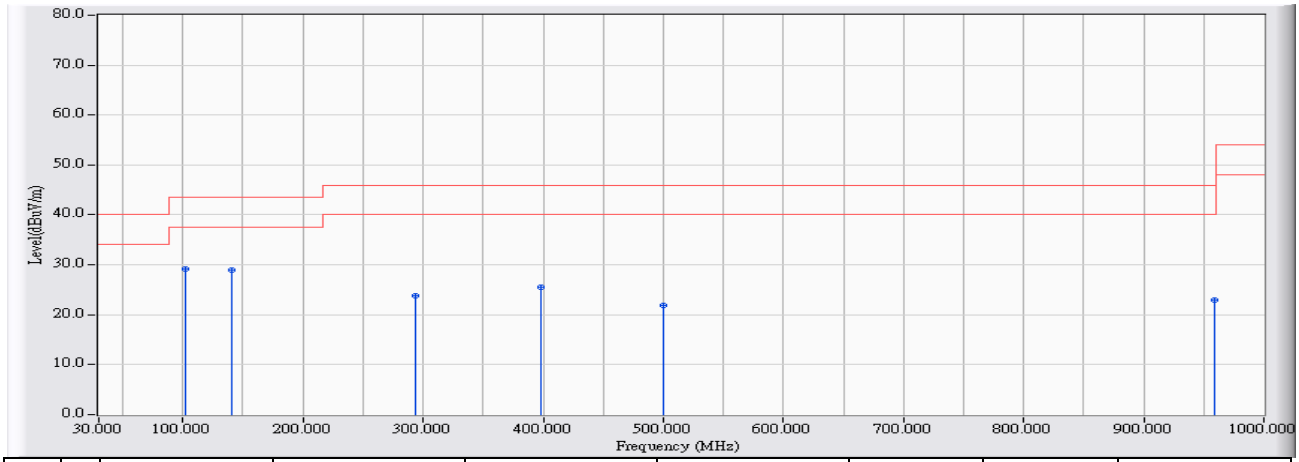


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	101.780	-12.672	43.835	31.162	-12.338	43.500	QUASIPEAK
2		140.580	-12.579	41.385	28.806	-14.694	43.500	QUASIPEAK
3		167.740	-13.950	42.484	28.533	-14.967	43.500	QUASIPEAK
4		398.600	-7.437	34.364	26.928	-19.072	46.000	QUASIPEAK
5		590.660	-4.899	25.433	20.534	-25.466	46.000	QUASIPEAK
6		930.160	-2.110	23.702	21.591	-24.409	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 : 2013/02/19 - 11:56**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Transmit_EXA1206UH_LAN1 802.11N20_5220MHz**

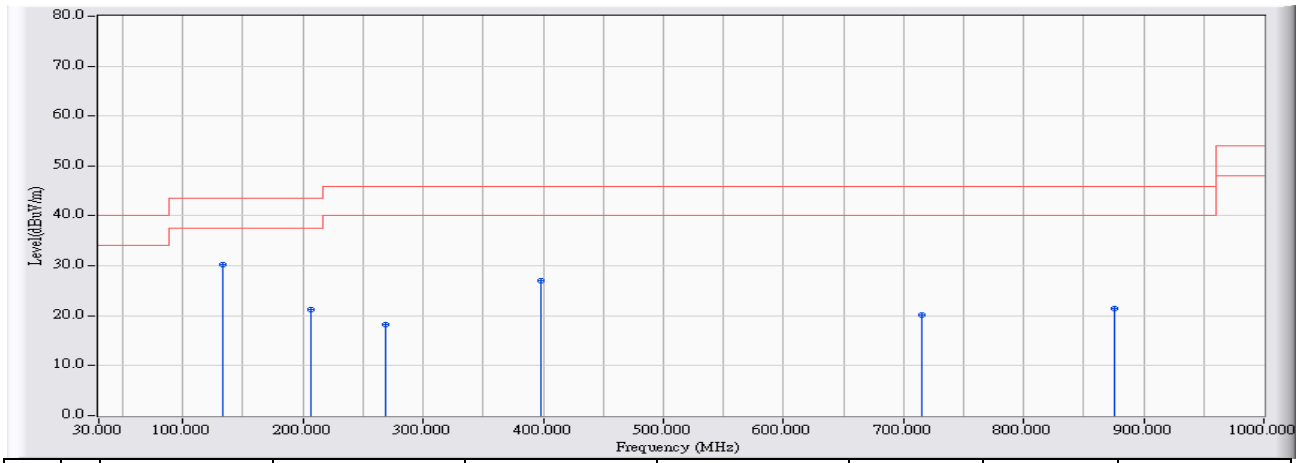


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	101.780	-12.672	41.767	29.094	-14.406	43.500	QUASIPEAK
2		140.580	-12.579	41.440	28.861	-14.639	43.500	QUASIPEAK
3		293.840	-10.049	33.809	23.759	-22.241	46.000	QUASIPEAK
4		398.600	-7.437	33.012	25.576	-20.424	46.000	QUASIPEAK
5		499.480	-5.103	27.064	21.961	-24.039	46.000	QUASIPEAK
6		959.260	-1.774	24.640	22.866	-23.134	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 : 2013/02/19 - 11:57**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Transmit_EXA1206UH_LAN1 802.11N40_5230MHz**

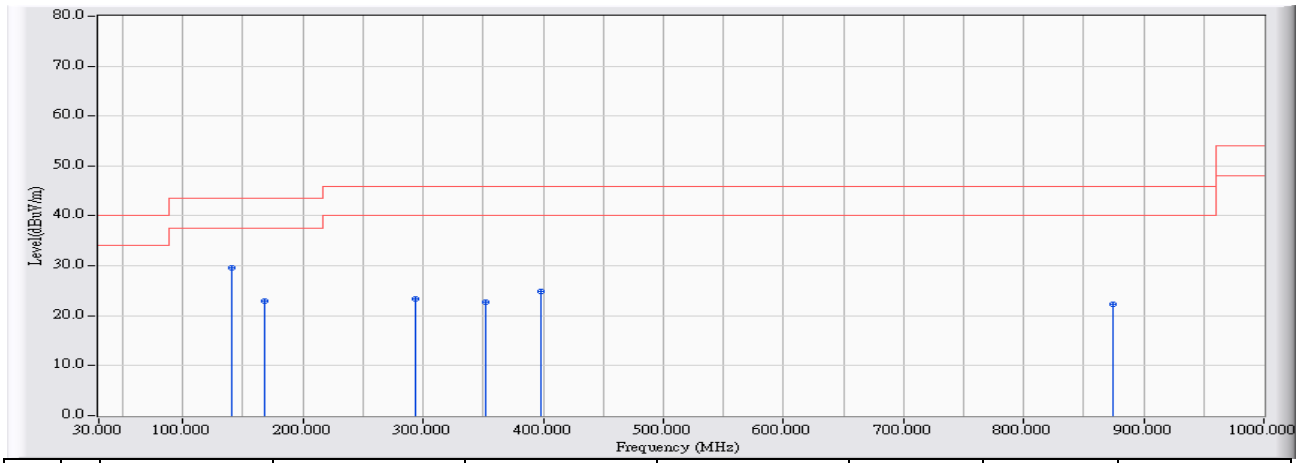


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	132.820	-12.289	42.503	30.215	-13.285	43.500	QUASIPEAK
2		206.540	-14.178	35.475	21.297	-22.203	43.500	QUASIPEAK
3		268.620	-10.552	28.770	18.219	-27.781	46.000	QUASIPEAK
4		398.600	-7.437	34.364	26.928	-19.072	46.000	QUASIPEAK
5		714.820	-4.037	24.224	20.187	-25.813	46.000	QUASIPEAK
6		875.840	-2.584	24.004	21.420	-24.580	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 : 2013/02/19 - 11:58**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Transmit_EXA1206UH_LAN1 802.11N40_5230MHz**

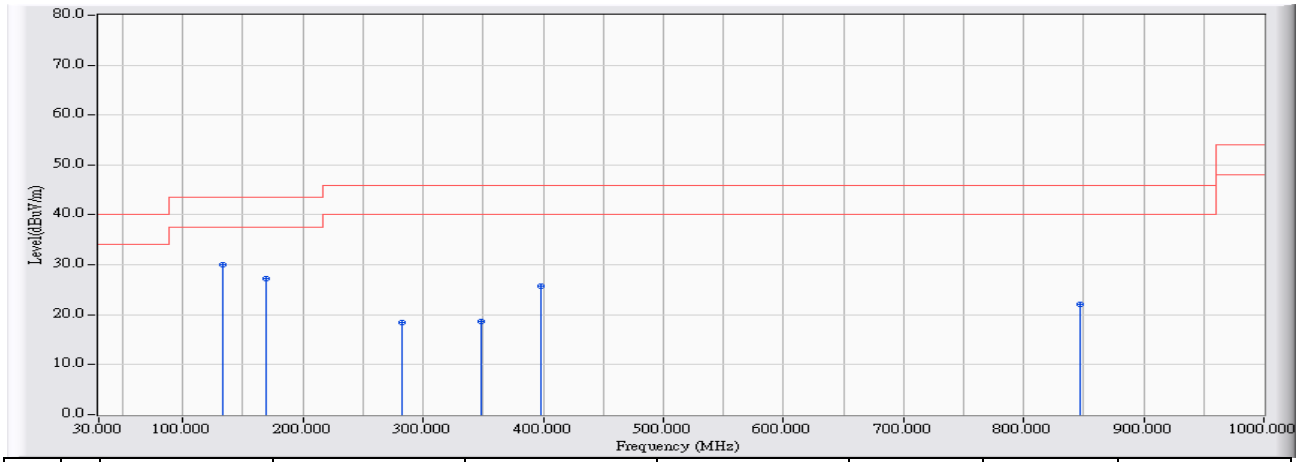


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	140.580	-12.579	42.091	29.512	-13.988	43.500	QUASIPEAK
2		167.740	-13.950	36.995	23.044	-20.456	43.500	QUASIPEAK
3		293.840	-10.049	33.513	23.463	-22.537	46.000	QUASIPEAK
4		352.040	-8.643	31.460	22.817	-23.183	46.000	QUASIPEAK
5		398.600	-7.437	32.296	24.860	-21.140	46.000	QUASIPEAK
6		873.900	-2.593	25.005	22.411	-23.589	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 : 2013/02/19 - 11:58**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Transmit_EXA1206UH_LAN1 802.11ac80M_5210MHz**

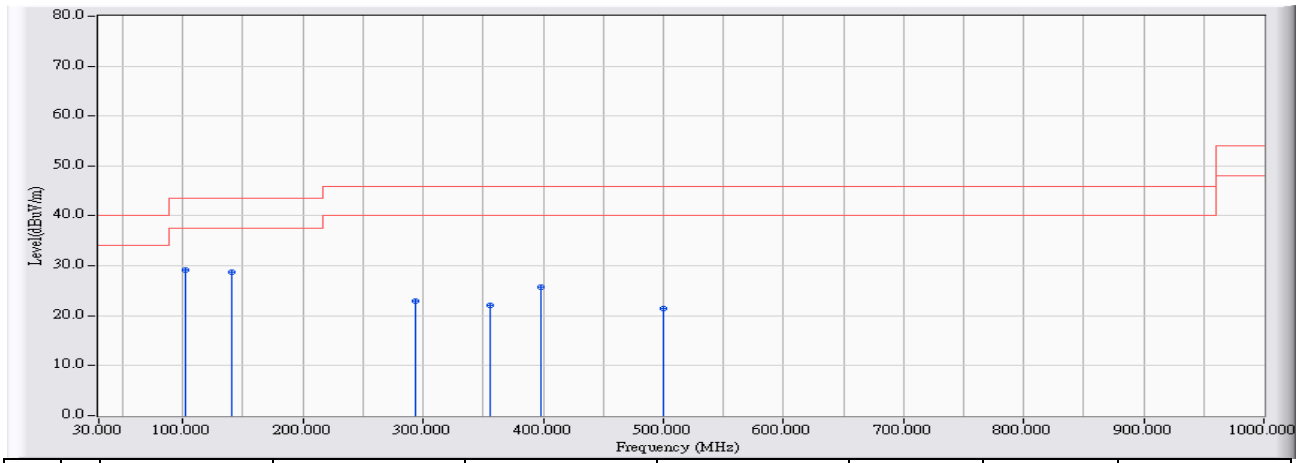


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	132.820	-12.289	42.227	29.939	-13.561	43.500	QUASIPEAK
2		169.680	-14.040	41.280	27.239	-16.261	43.500	QUASIPEAK
3		282.200	-10.281	28.789	18.508	-27.492	46.000	QUASIPEAK
4		348.160	-8.742	27.370	18.629	-27.371	46.000	QUASIPEAK
5		398.600	-7.437	33.136	25.700	-20.300	46.000	QUASIPEAK
6		846.740	-2.735	24.815	22.081	-23.919	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 : 2013/02/19 - 11:59**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Transmit_EXA1206UH_LAN1 802.11ac80M_5210MHz**

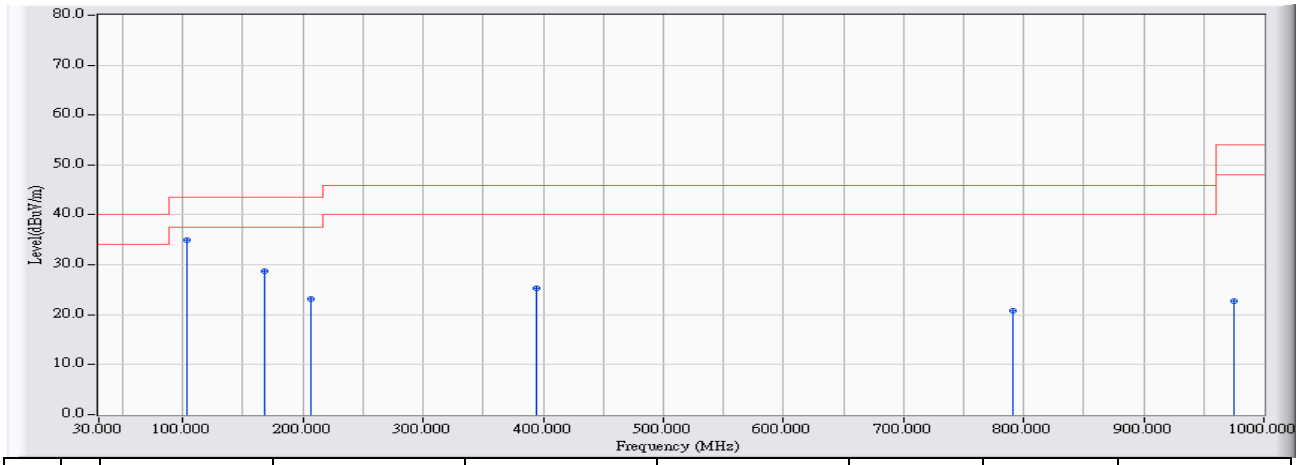


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	101.780	-12.672	41.922	29.249	-14.251	43.500	QUASIPEAK
2		140.580	-12.579	41.391	28.812	-14.688	43.500	QUASIPEAK
3		293.840	-10.049	32.919	22.869	-23.131	46.000	QUASIPEAK
4		355.920	-8.543	30.713	22.171	-23.829	46.000	QUASIPEAK
5		398.600	-7.437	33.206	25.770	-20.230	46.000	QUASIPEAK
6		499.480	-5.103	26.650	21.547	-24.453	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.

Engineer :	
Site : CB1	**Time : 2013/02/18 - 20:21**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB3_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Mode 2: Transmit_EXA1206UH_LAN2 802.11a_5220MHz**

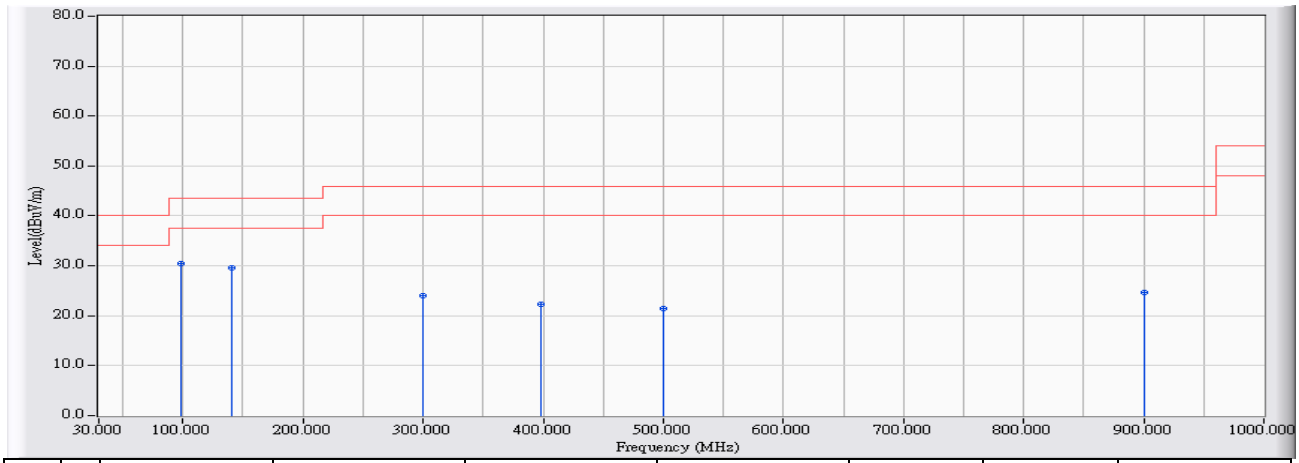


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	103.720	-12.582	47.506	34.924	-8.576	43.500	QUASIPEAK
2		167.740	-13.950	42.738	28.787	-14.713	43.500	QUASIPEAK
3		206.540	-14.178	37.394	23.216	-20.284	43.500	QUASIPEAK
4		394.720	-7.538	32.789	25.252	-20.748	46.000	QUASIPEAK
5		790.480	-3.100	23.949	20.850	-25.150	46.000	QUASIPEAK
6		974.780	-1.596	24.262	22.667	-31.333	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 : 2013/02/18 - 20:21**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB3_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Mode 2: Transmit_EXA1206UH_LAN2 802.11a_5220MHz**

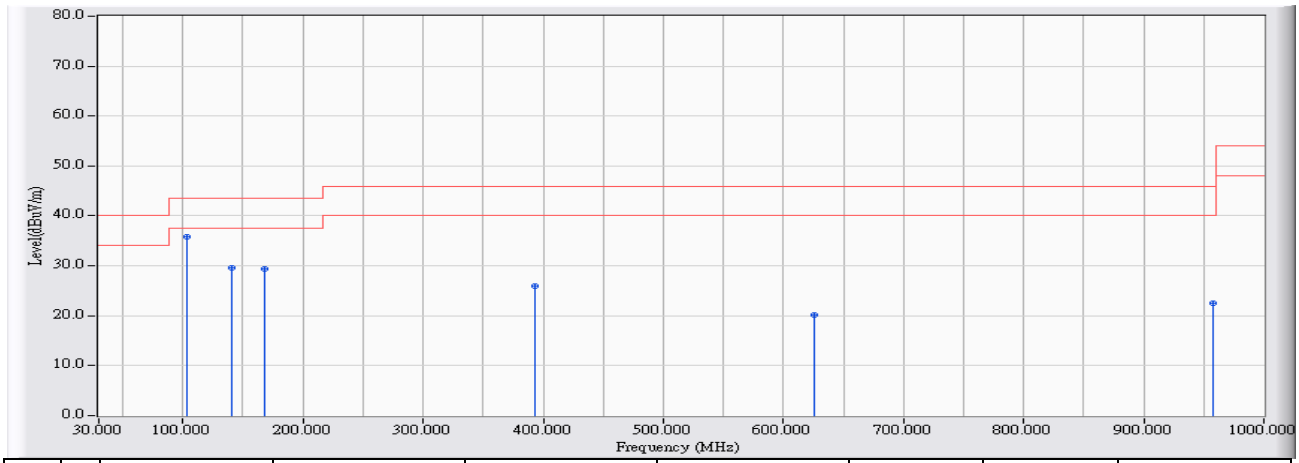


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	97.900	-13.248	43.711	30.463	-13.037	43.500	QUASIPEAK
2		140.580	-12.579	42.247	29.668	-13.832	43.500	QUASIPEAK
3		299.660	-9.934	33.850	23.916	-22.084	46.000	QUASIPEAK
4		398.600	-7.437	29.704	22.268	-23.732	46.000	QUASIPEAK
5		499.480	-5.103	26.447	21.344	-24.656	46.000	QUASIPEAK
6		901.060	-2.448	27.040	24.592	-21.408	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 : 2013/02/18 - 20:19**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB3_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Mode 2: Transmit_EXA1206UH_LAN2 802.11n(20MHz)_5220MHz**

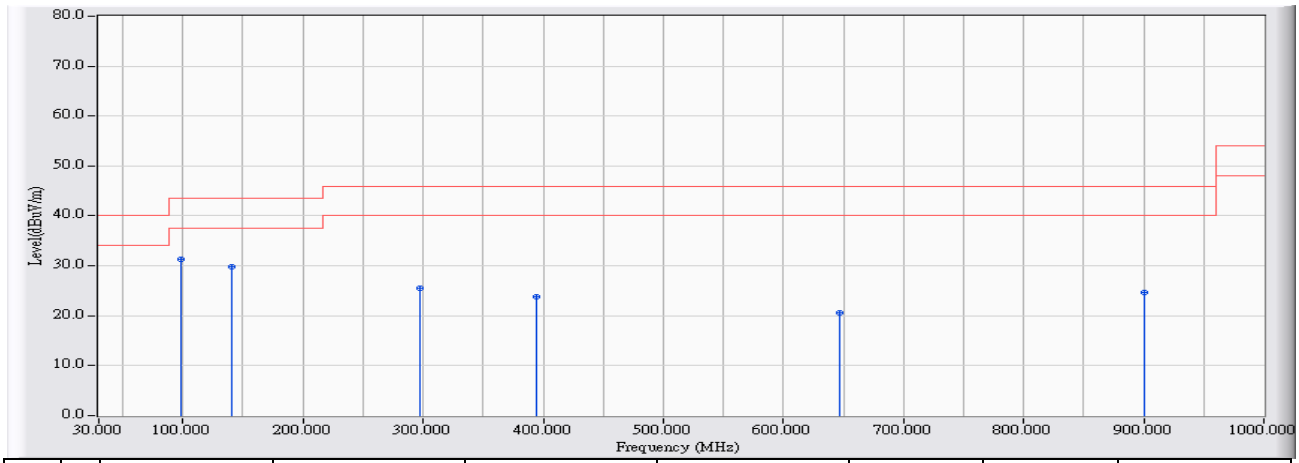


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	103.720	-12.582	48.494	35.912	-7.588	43.500	QUASIPEAK
2		140.580	-12.579	42.089	29.510	-13.990	43.500	QUASIPEAK
3		167.740	-13.950	43.389	29.438	-14.062	43.500	QUASIPEAK
4		392.780	-7.587	33.571	25.984	-20.016	46.000	QUASIPEAK
5		625.580	-4.714	24.853	20.139	-25.861	46.000	QUASIPEAK
6		957.320	-1.796	24.340	22.544	-23.456	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 : 2013/02/18 - 20:20**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB3_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Mode 2: Transmit_EXA1206UH_LAN2 802.11n(20MHz)_5220MHz**

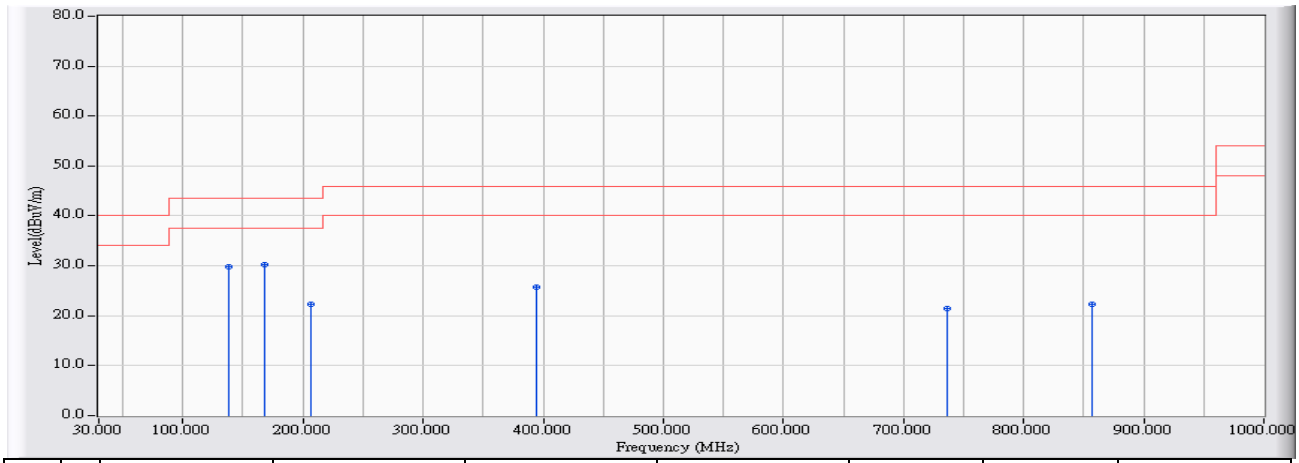


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	97.900	-13.248	44.477	31.229	-12.271	43.500	QUASIPEAK
2		140.580	-12.579	42.310	29.731	-13.769	43.500	QUASIPEAK
3		297.720	-9.973	35.533	25.560	-20.440	46.000	QUASIPEAK
4		394.720	-7.538	31.425	23.888	-22.112	46.000	QUASIPEAK
5		646.920	-4.574	25.081	20.507	-25.493	46.000	QUASIPEAK
6		901.060	-2.448	27.185	24.737	-21.263	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 : 2013/02/18 - 20:20**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB3_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Mode 2: Transmit_EXA1206UH_LAN2 802.11n(40MHz)_5230MHz**

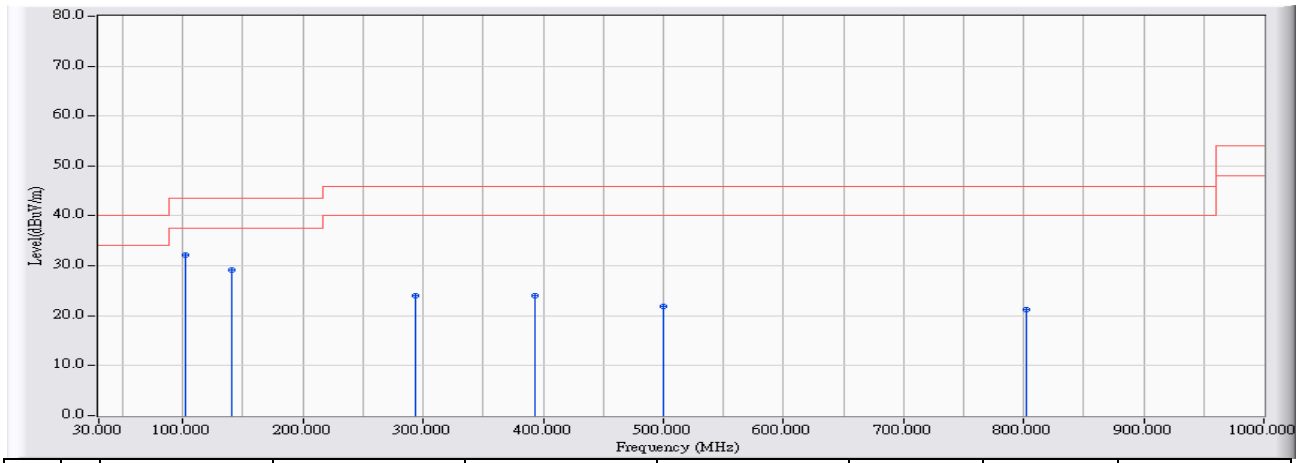


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		138.640	-12.500	42.392	29.893	-13.607	43.500	QUASIPEAK
2	*	167.740	-13.950	44.100	30.149	-13.351	43.500	QUASIPEAK
3		206.540	-14.178	36.427	22.249	-21.251	43.500	QUASIPEAK
4		394.720	-7.538	33.246	25.709	-20.291	46.000	QUASIPEAK
5		736.160	-3.766	25.225	21.459	-24.541	46.000	QUASIPEAK
6		856.440	-2.684	24.956	22.272	-23.728	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 : 2013/02/18 - 20:20**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB3_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Mode 2: Transmit_EXA1206UH_LAN2 802.11n(40MHz)_5230MHz**

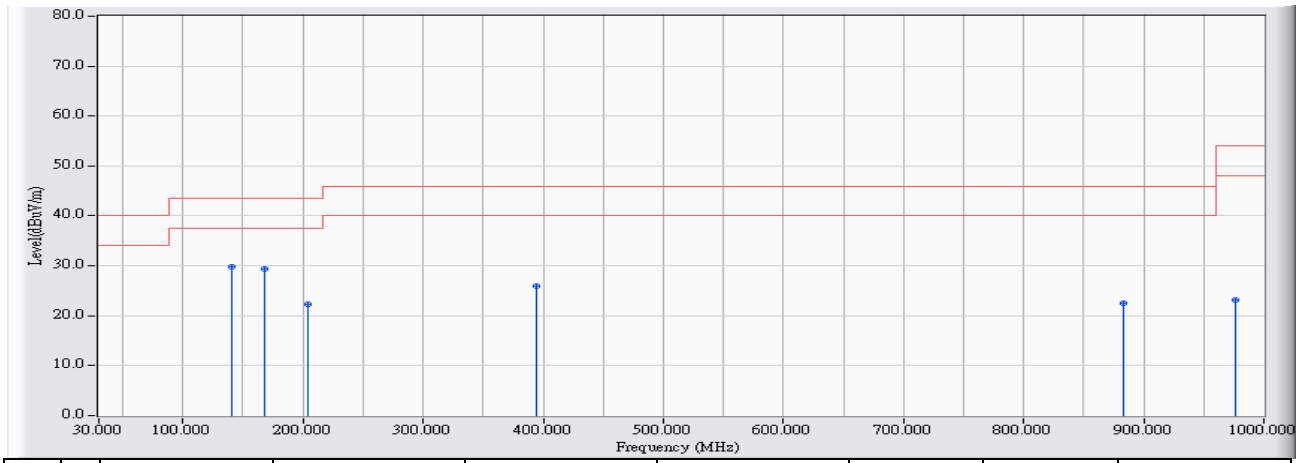


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	101.780	-12.672	44.821	32.148	-11.352	43.500	QUASIPEAK
2		140.580	-12.579	41.775	29.196	-14.304	43.500	QUASIPEAK
3		293.840	-10.049	33.997	23.947	-22.053	46.000	QUASIPEAK
4		392.780	-7.587	31.677	24.090	-21.910	46.000	QUASIPEAK
5		499.480	-5.103	27.016	21.913	-24.087	46.000	QUASIPEAK
6		802.120	-2.973	24.159	21.186	-24.814	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 : 2013/02/18 - 20:21**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB3_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Mode 2: Transmit_EXA1206UH_LAN2 802.11AC80_5210MHz**

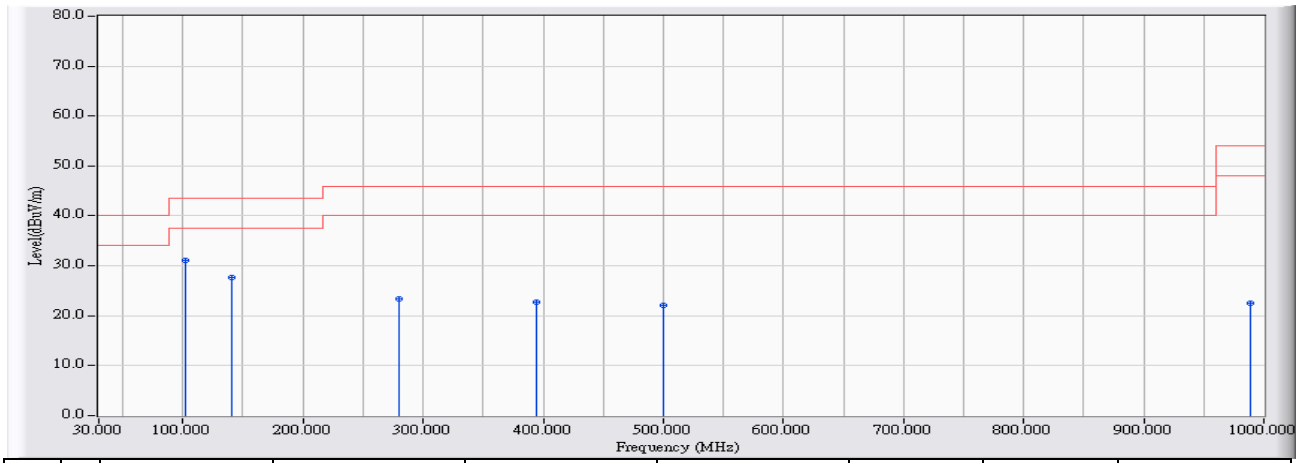


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	140.580	-12.579	42.415	29.836	-13.664	43.500	QUASIPEAK
2		167.740	-13.950	43.440	29.489	-14.011	43.500	QUASIPEAK
3		204.600	-14.323	36.733	22.410	-21.090	43.500	QUASIPEAK
4		394.720	-7.538	33.435	25.898	-20.102	46.000	QUASIPEAK
5		883.600	-2.544	25.165	22.621	-23.379	46.000	QUASIPEAK
6		976.720	-1.573	24.753	23.180	-30.820	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 : 2013/02/18 - 20:22**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB3_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Mode 2: Transmit_EXA1206UH_LAN2 802.11AC80_5210MHz**

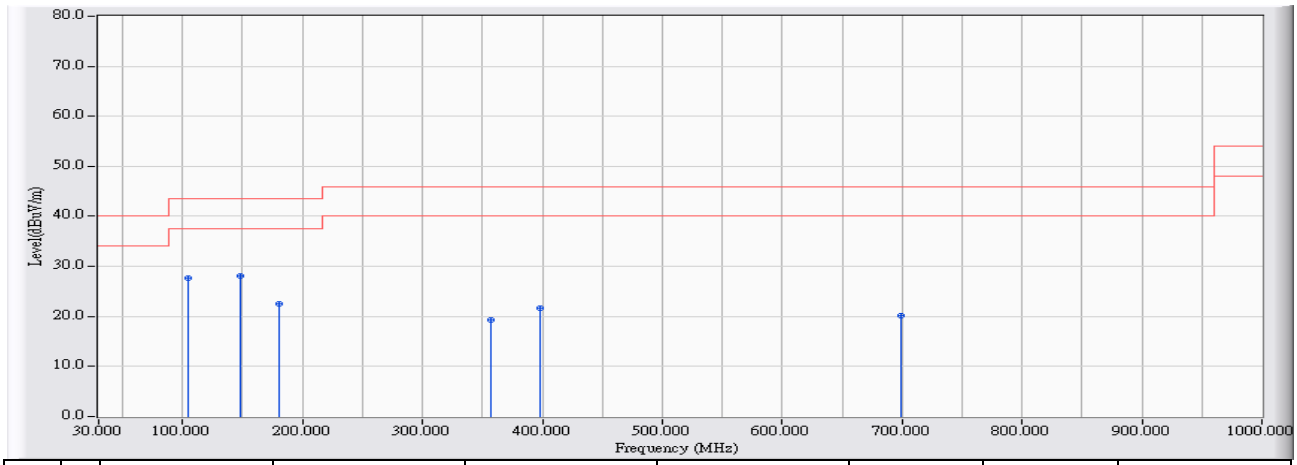


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	101.780	-12.672	43.722	31.049	-12.451	43.500	QUASIPEAK
2		140.580	-12.579	40.271	27.692	-15.808	43.500	QUASIPEAK
3		280.260	-10.320	33.782	23.462	-22.538	46.000	QUASIPEAK
4		394.720	-7.538	30.218	22.681	-23.319	46.000	QUASIPEAK
5		499.480	-5.103	27.173	22.070	-23.930	46.000	QUASIPEAK
6		988.360	-1.439	24.017	22.578	-31.422	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 : 2013/02/27 - 16:59**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB3_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 3: Transmit_EXA1206UH_LAN3 802.11a 5220MHz**

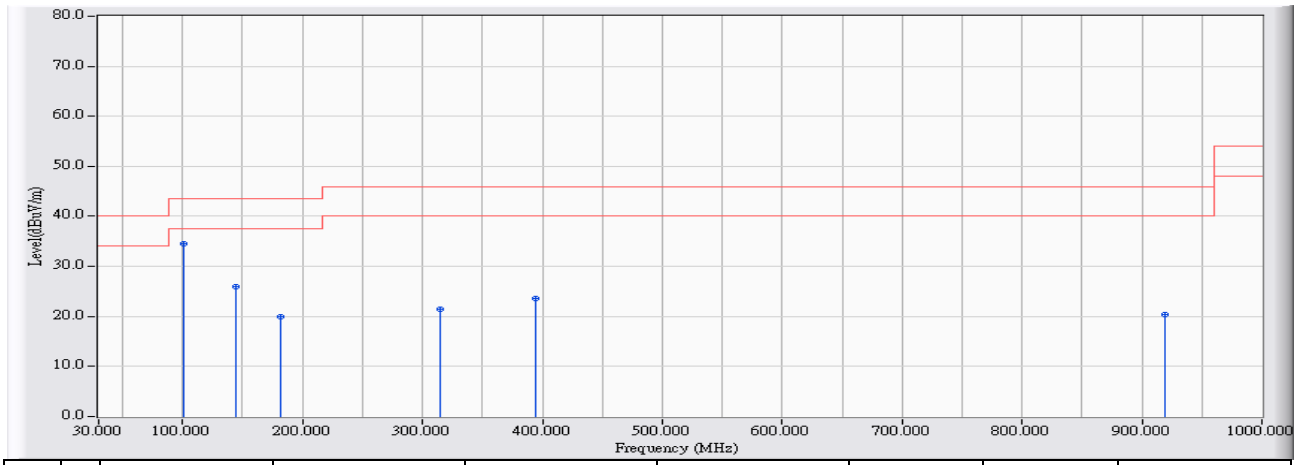


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		104.367	-12.552	40.231	27.679	-15.821	43.500	QUASIPEAK
2	*	148.017	-12.964	41.030	28.066	-15.434	43.500	QUASIPEAK
3		180.350	-14.522	37.067	22.545	-20.955	43.500	QUASIPEAK
4		356.567	-8.526	27.771	19.246	-26.754	46.000	QUASIPEAK
5		398.600	-7.437	29.056	21.620	-24.380	46.000	QUASIPEAK
6		699.300	-4.231	24.342	20.111	-25.889	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 : 2013/02/27 - 16:59**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB3_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 3: Transmit_EXA1206UH_LAN3 802.11a 5220MHz**

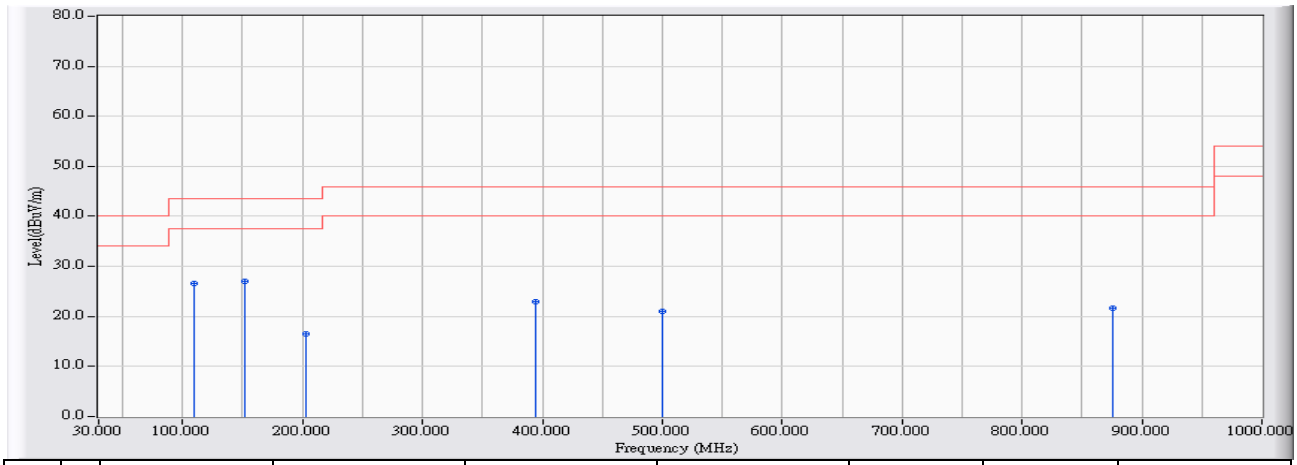


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	101.133	-12.703	47.133	34.430	-9.070	43.500	QUASIPEAK
2		144.783	-12.796	38.748	25.951	-17.549	43.500	QUASIPEAK
3		181.967	-14.535	34.446	19.912	-23.588	43.500	QUASIPEAK
4		314.533	-9.569	31.078	21.509	-24.491	46.000	QUASIPEAK
5		393.750	-7.563	31.182	23.620	-22.380	46.000	QUASIPEAK
6		919.167	-2.237	22.682	20.444	-25.556	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 : 2013/02/27 - 17:00**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB3_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 3: Transmit_EXA1206UH_LAN3 802.11n20 5220MHz**

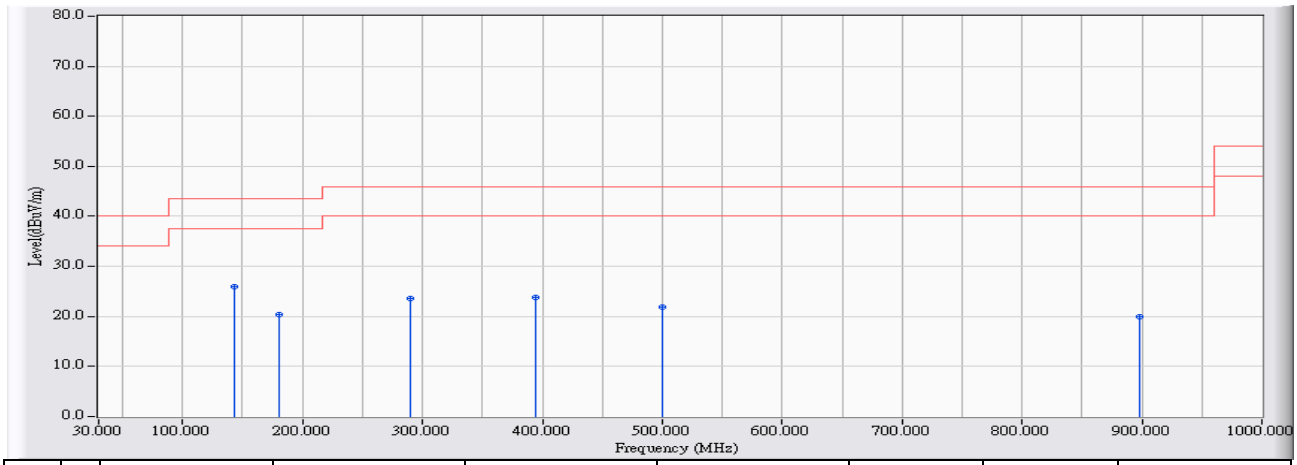


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		109.217	-12.326	38.854	26.528	-16.972	43.500	QUASIPEAK
2	*	151.250	-13.132	40.171	27.038	-16.462	43.500	QUASIPEAK
3		202.983	-14.445	30.972	16.527	-26.973	43.500	QUASIPEAK
4		393.750	-7.563	30.455	22.893	-23.107	46.000	QUASIPEAK
5		500.450	-5.089	26.174	21.085	-24.915	46.000	QUASIPEAK
6		875.517	-2.586	24.165	21.579	-24.421	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 : 2013/02/27 - 17:00**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB3_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 3: Transmit_EXA1206UH_LAN3 802.11n20 5220MHz**

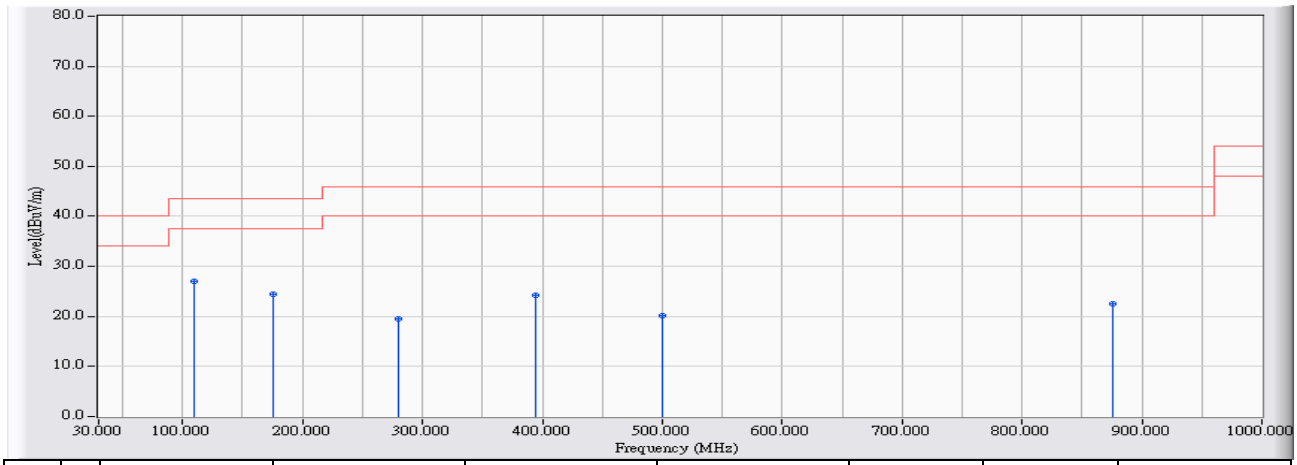


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	143.167	-12.713	38.577	25.864	-17.636	43.500	QUASIPEAK
2		180.350	-14.522	34.793	20.271	-23.229	43.500	QUASIPEAK
3		290.283	-10.121	33.658	23.538	-22.462	46.000	QUASIPEAK
4		393.750	-7.563	31.467	23.905	-22.095	46.000	QUASIPEAK
5		500.450	-5.089	26.941	21.852	-24.148	46.000	QUASIPEAK
6		898.150	-2.470	22.411	19.941	-26.059	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 : 2013/02/27 - 17:01**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB3_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 3: Transmit_EXA1206UH_LAN3 802.11n(40MHz)_5230MHz**

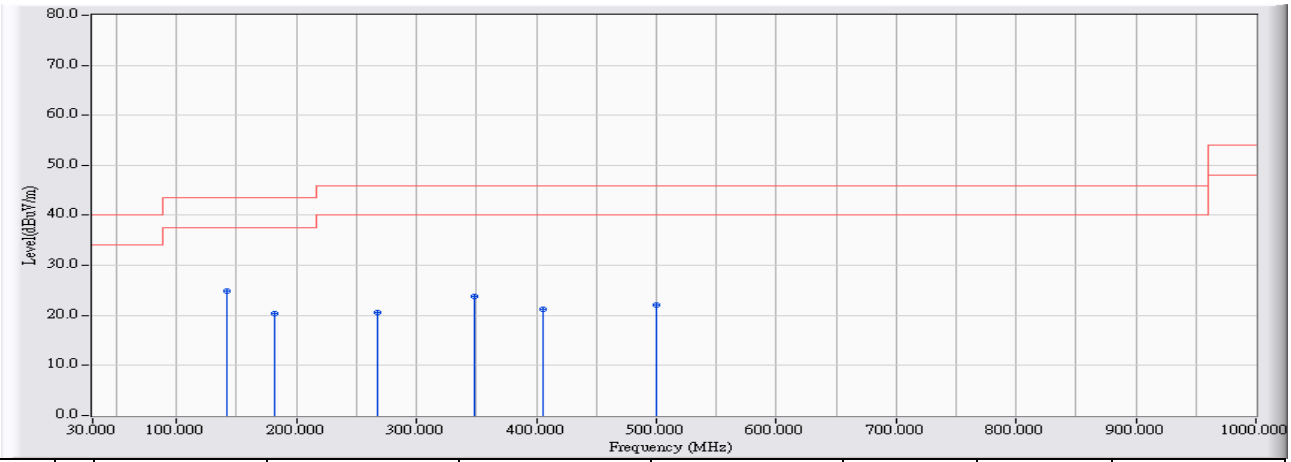


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	109.217	-12.326	39.270	26.944	-16.556	43.500	QUASIPEAK
2		175.500	-14.311	38.828	24.517	-18.983	43.500	QUASIPEAK
3		280.583	-10.314	29.845	19.532	-26.468	46.000	QUASIPEAK
4		393.750	-7.563	31.886	24.324	-21.676	46.000	QUASIPEAK
5		500.450	-5.089	25.341	20.252	-25.748	46.000	QUASIPEAK
6		875.517	-2.586	25.030	22.444	-23.556	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 : 2013/02/27 - 17:01**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB3_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 3: Transmit_EXA1206UH_LAN3 802.11n(40MHz)_5230MHz**

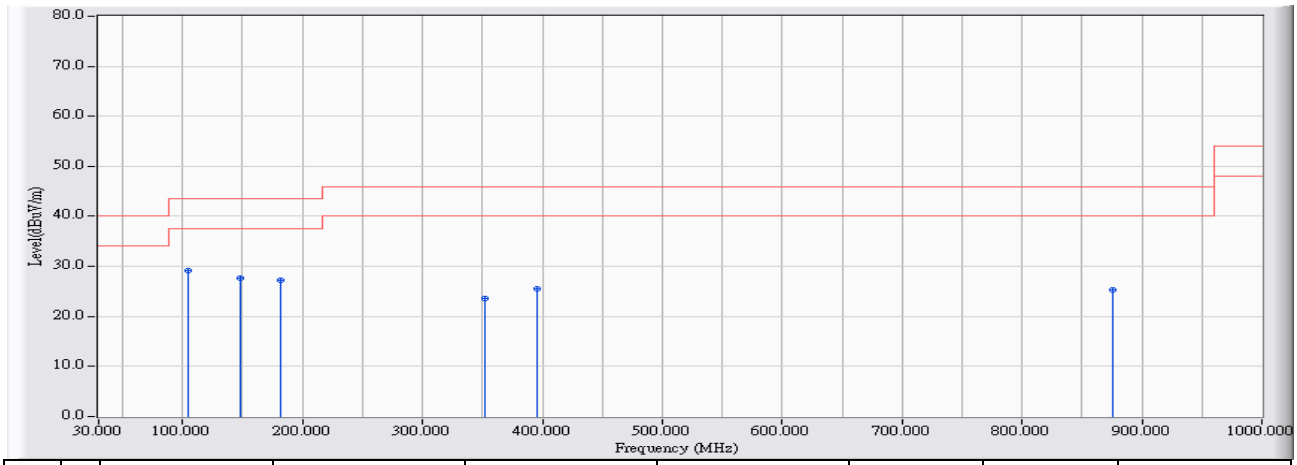


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	141.550	-12.629	37.494	24.865	-18.635	43.500	QUASIPEAK
2		181.967	-14.535	34.859	20.325	-23.175	43.500	QUASIPEAK
3		267.650	-10.571	31.109	20.539	-25.461	46.000	QUASIPEAK
4		348.483	-8.733	32.487	23.754	-22.246	46.000	QUASIPEAK
5		405.067	-7.288	28.553	21.265	-24.735	46.000	QUASIPEAK
6		500.450	-5.089	27.267	22.178	-23.822	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 : 2013/02/27 - 17:01**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB3_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 3: Transmit_EXA1206UH_LAN3 802.11ac80M_5210MHz**

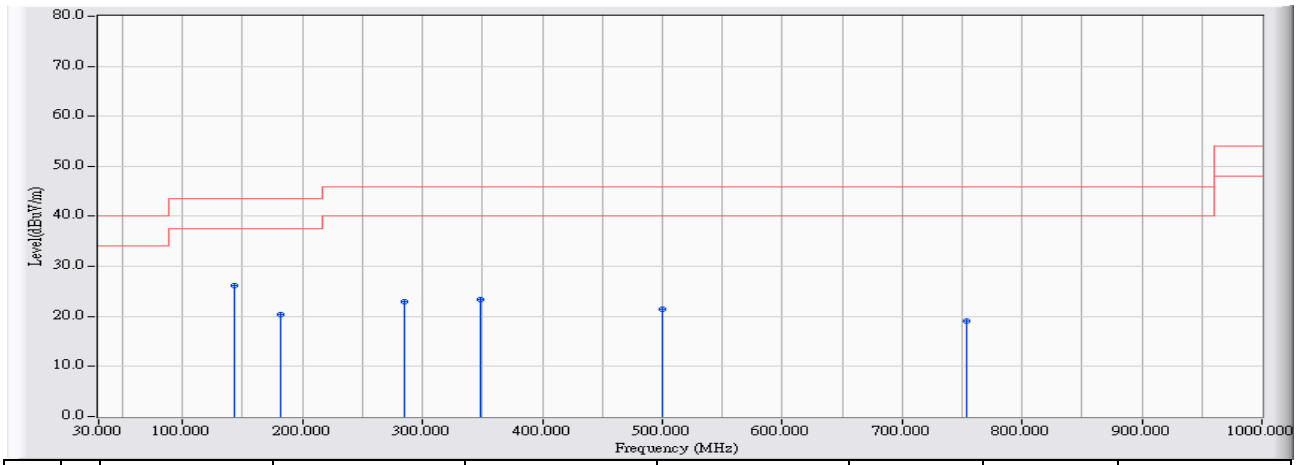


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	104.367	-12.552	41.629	29.077	-14.423	43.500	QUASIPEAK
2		148.017	-12.964	40.680	27.716	-15.784	43.500	QUASIPEAK
3		181.967	-14.535	41.666	27.132	-16.368	43.500	QUASIPEAK
4		351.717	-8.651	32.234	23.583	-22.417	46.000	QUASIPEAK
5		395.367	-7.520	32.954	25.434	-20.566	46.000	QUASIPEAK
6		875.517	-2.586	27.974	25.388	-20.612	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 : 2013/02/27 - 17:02**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB3_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 3: Transmit_EXA1206UH_LAN3 802.11ac80M_5210MHz**

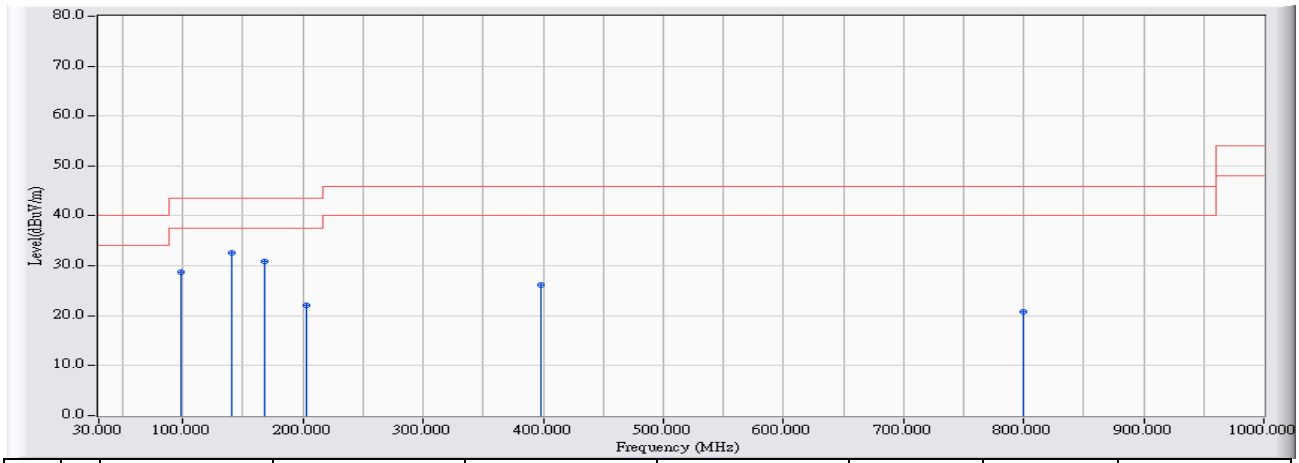


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	143.167	-12.713	38.958	26.245	-17.255	43.500	QUASIPEAK
2		181.967	-14.535	34.967	20.433	-23.067	43.500	QUASIPEAK
3		285.433	-10.217	33.111	22.894	-23.106	46.000	QUASIPEAK
4		348.483	-8.733	32.137	23.404	-22.596	46.000	QUASIPEAK
5		500.450	-5.089	26.546	21.457	-24.543	46.000	QUASIPEAK
6		754.267	-3.538	22.602	19.064	-26.936	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 : 2013/02/19 - 13:14**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 4: Transmit_AD890326_LAN1 802.11a_5220MHz**

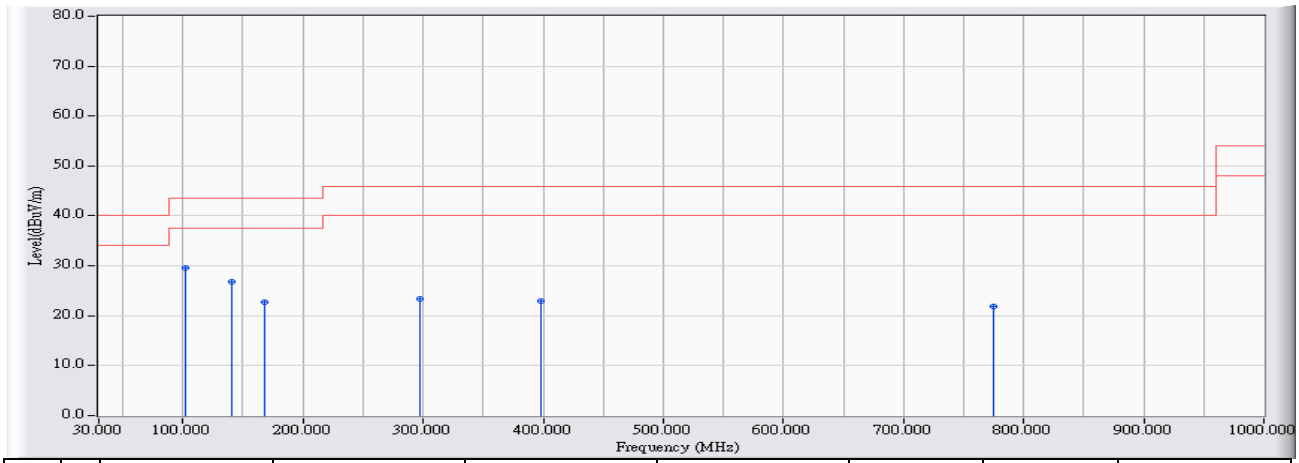


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		97.900	-13.248	41.911	28.663	-14.837	43.500	QUASIPEAK
2	*	140.580	-12.579	45.137	32.558	-10.942	43.500	QUASIPEAK
3		167.740	-13.950	44.751	30.800	-12.700	43.500	QUASIPEAK
4		202.660	-14.469	36.576	22.107	-21.393	43.500	QUASIPEAK
5		398.600	-7.437	33.549	26.113	-19.887	46.000	QUASIPEAK
6		800.180	-2.983	23.840	20.857	-25.143	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 : 2013/02/19 - 13:14**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 4: Transmit_AD890326_LAN1 802.11a_5220MHz**

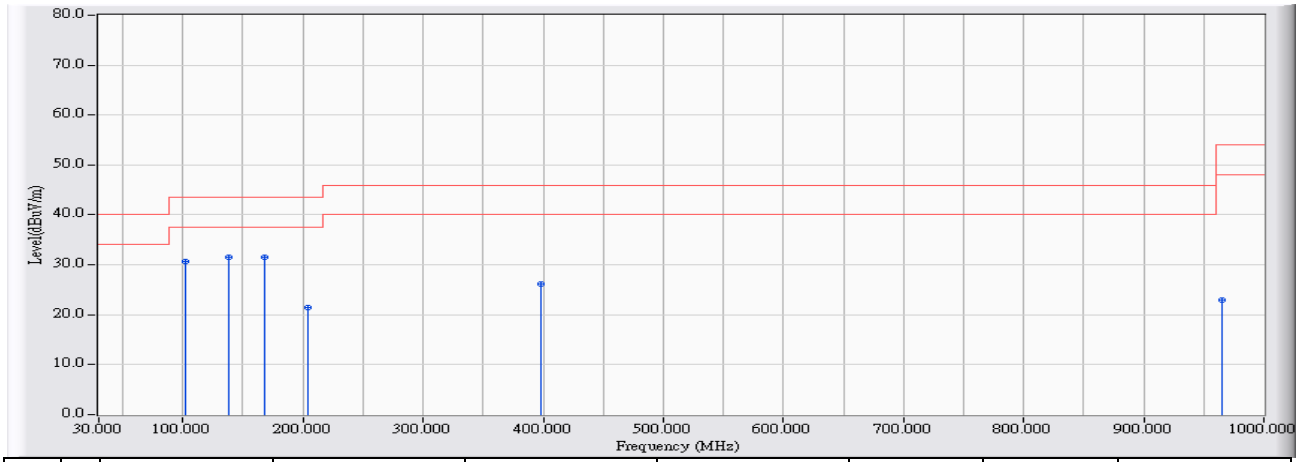


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	101.780	-12.672	42.349	29.676	-13.824	43.500	QUASIPEAK
2		140.580	-12.579	39.432	26.853	-16.647	43.500	QUASIPEAK
3		167.740	-13.950	36.668	22.717	-20.783	43.500	QUASIPEAK
4		297.720	-9.973	33.444	23.471	-22.529	46.000	QUASIPEAK
5		398.600	-7.437	30.477	23.041	-22.959	46.000	QUASIPEAK
6		774.960	-3.287	25.227	21.940	-24.060	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 : 2013/02/19 - 13:15**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 4: Transmit_AD890326_LAN1 802.11n20_5220MHz**

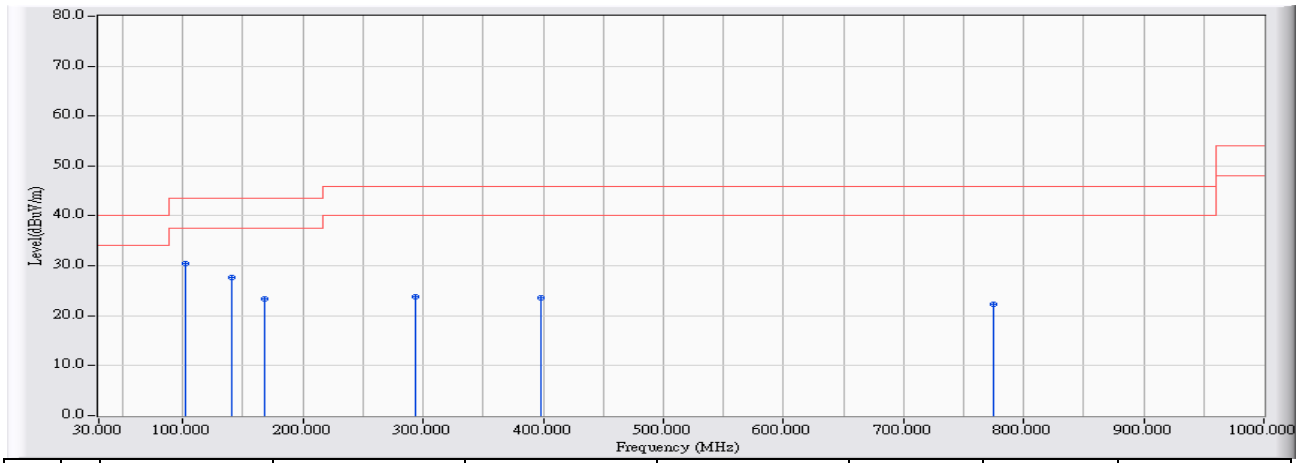


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		101.780	-12.672	43.303	30.630	-12.870	43.500	QUASIPEAK
2		138.640	-12.500	43.976	31.477	-12.023	43.500	QUASIPEAK
3	*	167.740	-13.950	45.523	31.572	-11.928	43.500	QUASIPEAK
4		204.600	-14.323	35.830	21.507	-21.993	43.500	QUASIPEAK
5		398.600	-7.437	33.579	26.143	-19.857	46.000	QUASIPEAK
6		965.080	-1.707	24.577	22.870	-31.130	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 : 2013/02/19 - 13:15**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 4: Transmit_AD890326_LAN1 802.11n20_5220MHz**

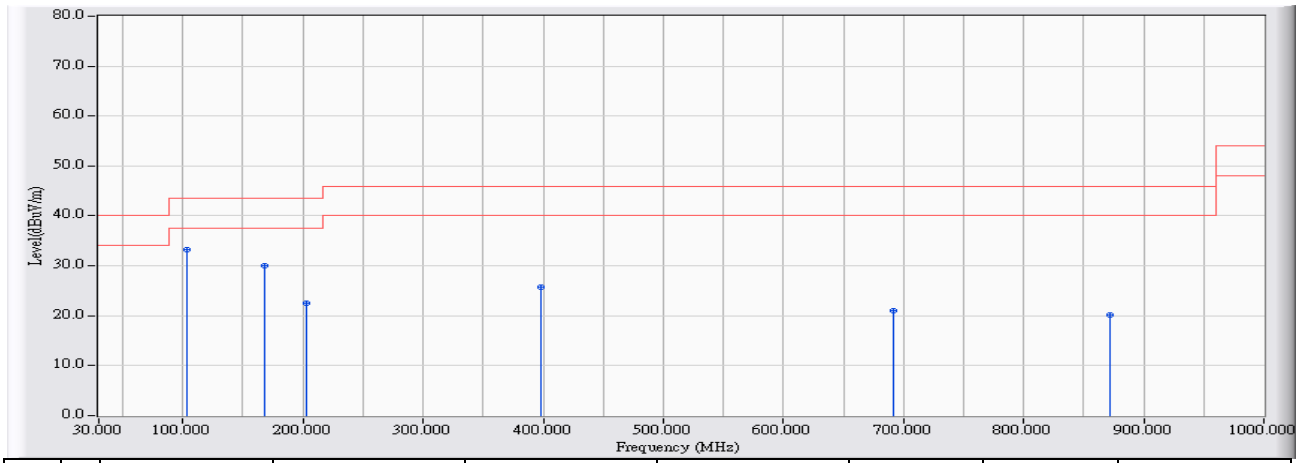


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	101.780	-12.672	43.092	30.419	-13.081	43.500	QUASIPEAK
2		140.580	-12.579	40.168	27.589	-15.911	43.500	QUASIPEAK
3		167.740	-13.950	37.354	23.403	-20.097	43.500	QUASIPEAK
4		293.840	-10.049	33.824	23.774	-22.226	46.000	QUASIPEAK
5		398.600	-7.437	31.040	23.604	-22.396	46.000	QUASIPEAK
6		774.960	-3.287	25.592	22.305	-23.695	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 : 2013/02/19 - 13:16**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 4: Transmit_AD890326_LAN1 802.11n40M_5230MHz**

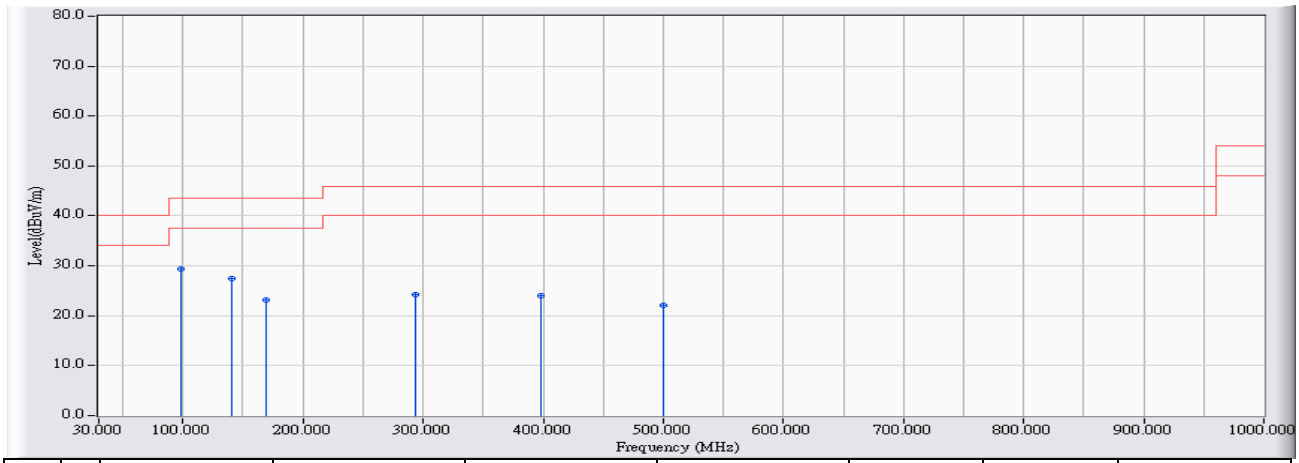


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	103.720	-12.582	45.899	33.317	-10.183	43.500	QUASIPEAK
2		167.740	-13.950	43.891	29.940	-13.560	43.500	QUASIPEAK
3		202.660	-14.469	36.923	22.454	-21.046	43.500	QUASIPEAK
4		398.600	-7.437	33.169	25.733	-20.267	46.000	QUASIPEAK
5		691.540	-4.281	25.269	20.988	-25.012	46.000	QUASIPEAK
6		871.960	-2.604	22.764	20.160	-25.840	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 : 2013/02/19 - 13:16**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 4: Transmit_AD890326_LAN1 802.11n40M_5230MHz**

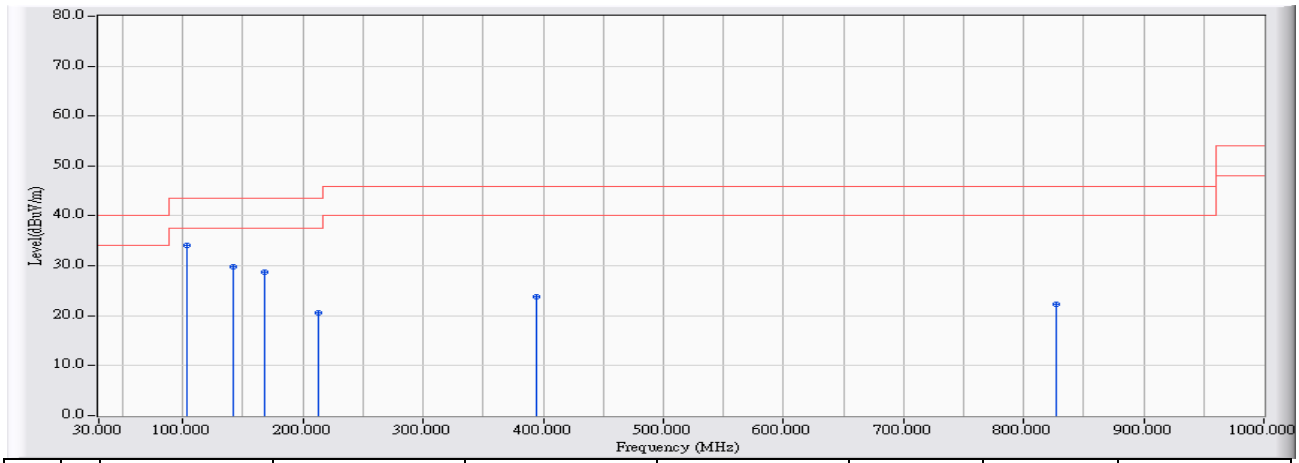


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	97.900	-13.248	42.679	29.431	-14.069	43.500	QUASIPEAK
2		140.580	-12.579	40.135	27.556	-15.944	43.500	QUASIPEAK
3		169.680	-14.040	37.138	23.097	-20.403	43.500	QUASIPEAK
4		293.840	-10.049	34.223	24.173	-21.827	46.000	QUASIPEAK
5		398.600	-7.437	31.559	24.123	-21.877	46.000	QUASIPEAK
6		499.480	-5.103	27.115	22.012	-23.988	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 : 2013/02/19 - 13:17**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 4: Transmit_AD890326_LAN1 802.11n40M_5210MHz**

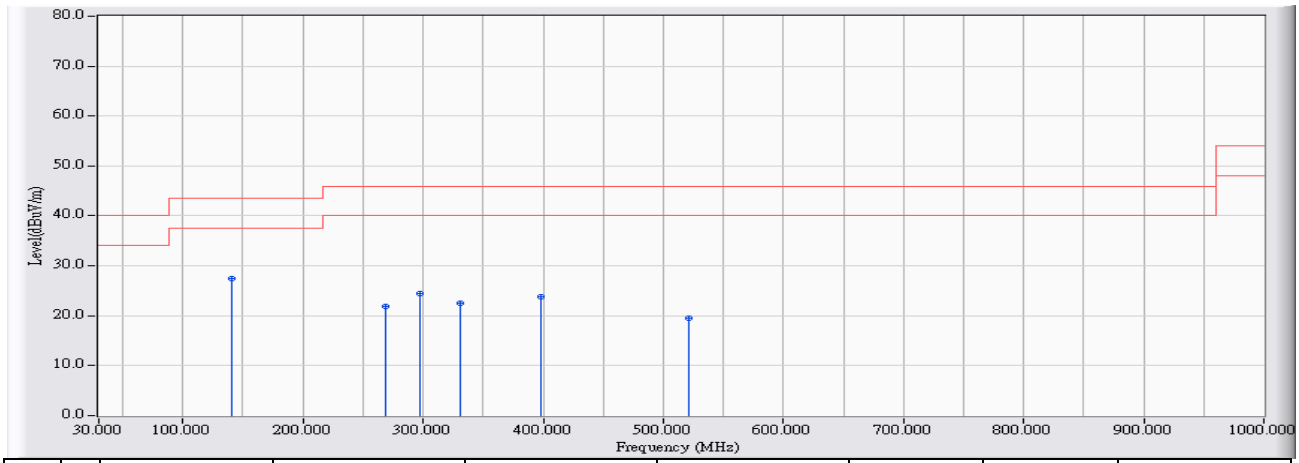


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	103.720	-12.582	46.780	34.198	-9.302	43.500	QUASIPEAK
2		142.520	-12.680	42.386	29.707	-13.793	43.500	QUASIPEAK
3		167.740	-13.950	42.740	28.789	-14.711	43.500	QUASIPEAK
4		212.360	-13.741	34.321	20.579	-22.921	43.500	QUASIPEAK
5		394.720	-7.538	31.427	23.890	-22.110	46.000	QUASIPEAK
6		827.340	-2.838	25.148	22.310	-23.690	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 : 2013/02/19 - 13:18**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 4: Transmit_AD890326_LAN1 802.11n40M_5210MHz**

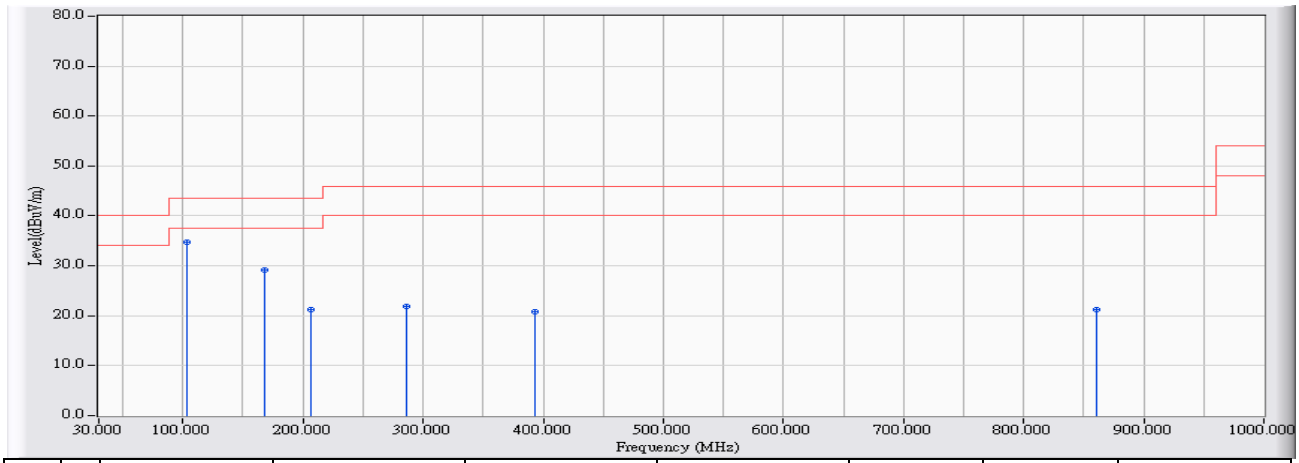


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	140.580	-12.579	40.027	27.448	-16.052	43.500	QUASIPEAK
2		268.620	-10.552	32.490	21.939	-24.061	46.000	QUASIPEAK
3		297.720	-9.973	34.442	24.469	-21.531	46.000	QUASIPEAK
4		330.700	-9.172	31.660	22.489	-23.511	46.000	QUASIPEAK
5		398.600	-7.437	31.344	23.908	-22.092	46.000	QUASIPEAK
6		520.820	-5.038	24.469	19.431	-26.569	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 : 2013/02/19 - 13:27**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 5: Transmit_AD890326_LAN2 802.11a_5220MHz**

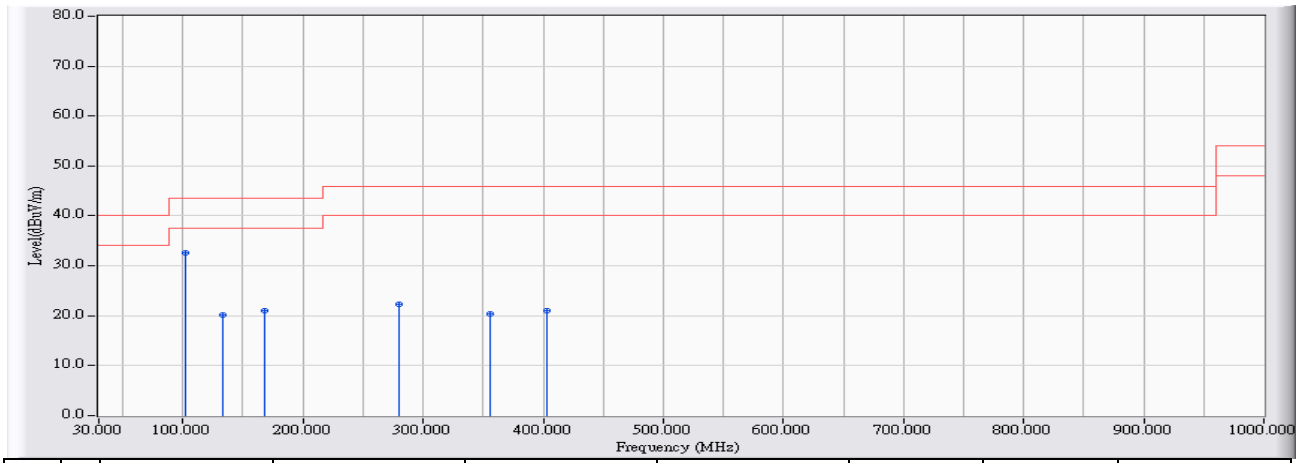


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	103.720	-12.582	47.330	34.748	-8.752	43.500	QUASIPEAK
2		167.740	-13.950	43.037	29.086	-14.414	43.500	QUASIPEAK
3		206.540	-14.178	35.491	21.313	-22.187	43.500	QUASIPEAK
4		286.080	-10.204	32.168	21.964	-24.036	46.000	QUASIPEAK
5		392.780	-7.587	28.348	20.761	-25.239	46.000	QUASIPEAK
6		860.320	-2.664	23.806	21.142	-24.858	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 : 2013/02/19 - 13:27**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 5: Transmit_AD890326_LAN2 802.11a_5220MHz**

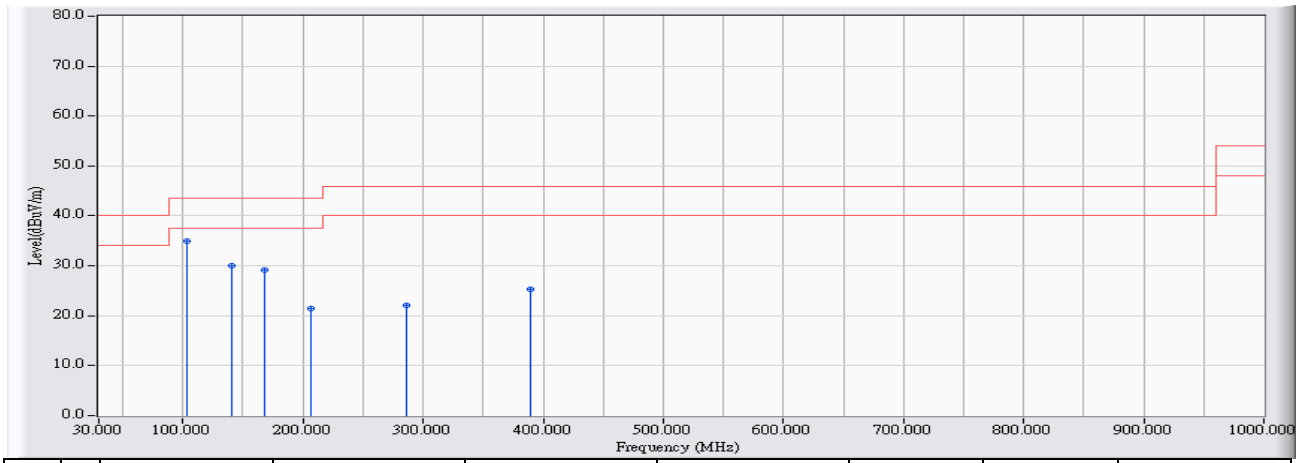


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	101.780	-12.672	45.214	32.541	-10.959	43.500	QUASIPEAK
2		132.820	-12.289	32.400	20.112	-23.388	43.500	QUASIPEAK
3		167.740	-13.950	34.908	20.957	-22.543	43.500	QUASIPEAK
4		280.260	-10.320	32.554	22.234	-23.766	46.000	QUASIPEAK
5		355.920	-8.543	28.852	20.310	-25.690	46.000	QUASIPEAK
6		402.480	-7.346	28.289	20.944	-25.056	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 : 2013/02/19 - 13:28**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 5: Transmit_AD890326_LAN2 802.11n20_5220MHz**

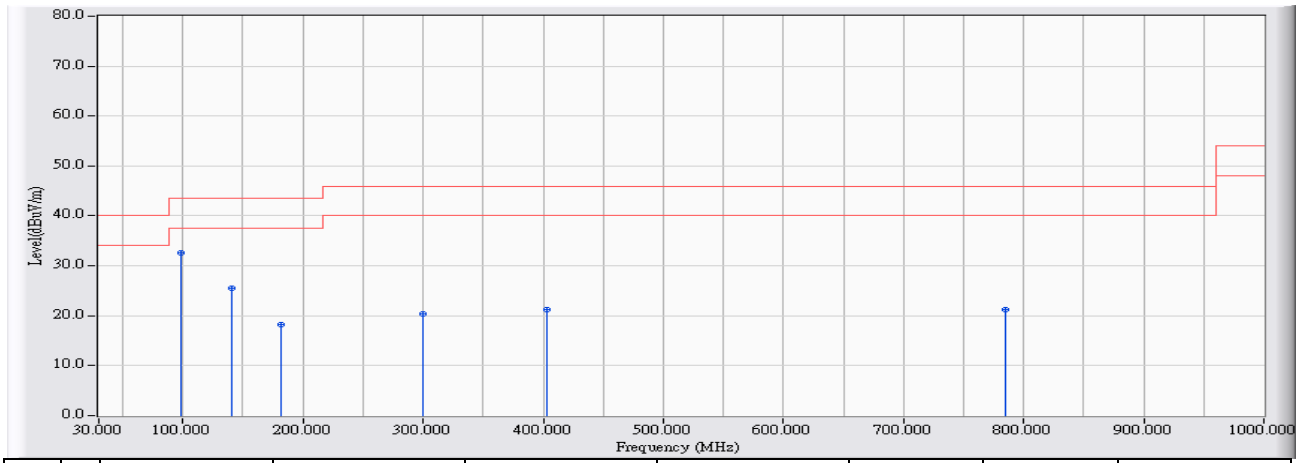


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	103.720	-12.582	47.568	34.986	-8.514	43.500	QUASIPEAK
2		140.580	-12.579	42.543	29.964	-13.536	43.500	QUASIPEAK
3		167.740	-13.950	43.071	29.120	-14.380	43.500	QUASIPEAK
4		206.540	-14.178	35.557	21.379	-22.121	43.500	QUASIPEAK
5		286.080	-10.204	32.352	22.148	-23.852	46.000	QUASIPEAK
6		388.900	-7.688	33.017	25.329	-20.671	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 : 2013/02/19 - 13:29**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 5: Transmit_AD890326_LAN2 802.11n20_5220MHz**

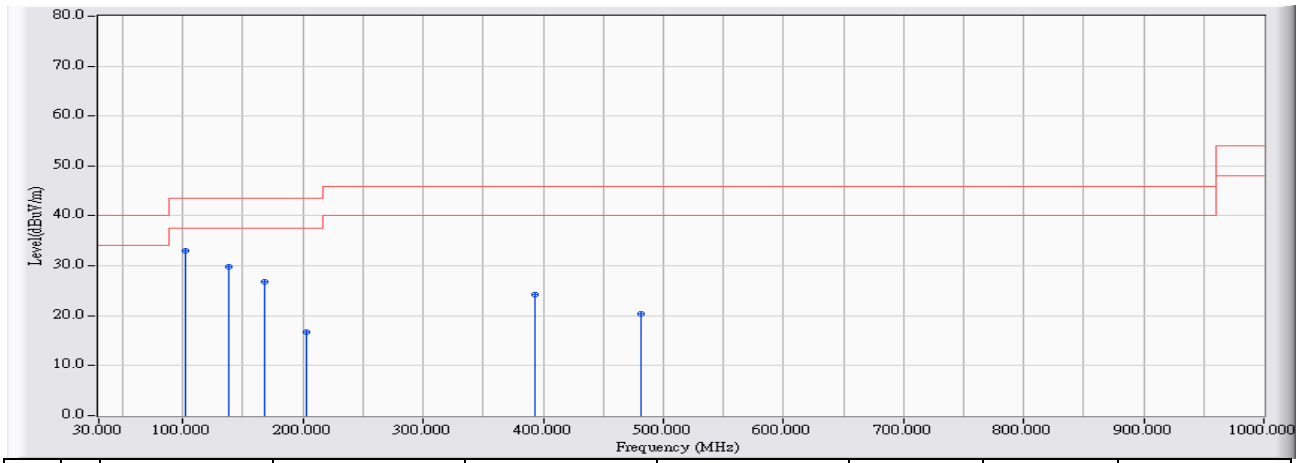


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	97.900	-13.248	45.859	32.611	-10.889	43.500	QUASIPEAK
2		140.580	-12.579	38.144	25.565	-17.935	43.500	QUASIPEAK
3		181.320	-14.530	32.754	18.225	-25.275	43.500	QUASIPEAK
4		299.660	-9.934	30.362	20.428	-25.572	46.000	QUASIPEAK
5		402.480	-7.346	28.588	21.243	-24.757	46.000	QUASIPEAK
6		784.660	-3.170	24.316	21.146	-24.854	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 : 2013/02/19 - 13:29**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 5: Transmit_AD890326_LAN2 802.11n40M_5230MHz**

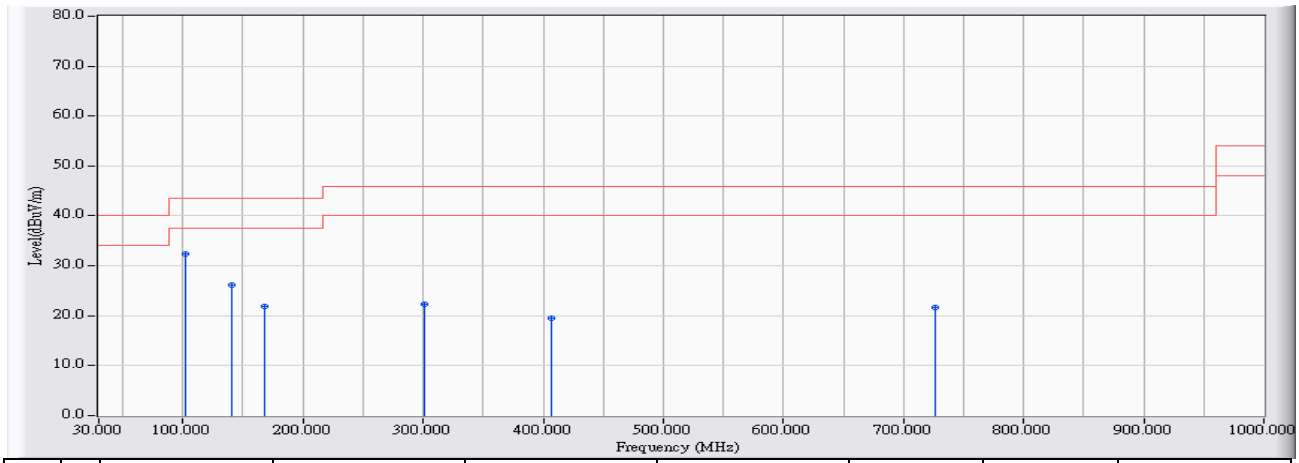


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	101.780	-12.672	45.653	32.980	-10.520	43.500	QUASIPEAK
2		138.640	-12.500	42.358	29.859	-13.641	43.500	QUASIPEAK
3		167.740	-13.950	40.847	26.896	-16.604	43.500	QUASIPEAK
4		202.660	-14.469	31.275	16.806	-26.694	43.500	QUASIPEAK
5		392.780	-7.587	31.821	24.234	-21.766	46.000	QUASIPEAK
6		482.020	-5.522	25.992	20.470	-25.530	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 : 2013/02/19 - 13:29**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 5: Transmit_AD890326_LAN2 802.11n40M_5230MHz**

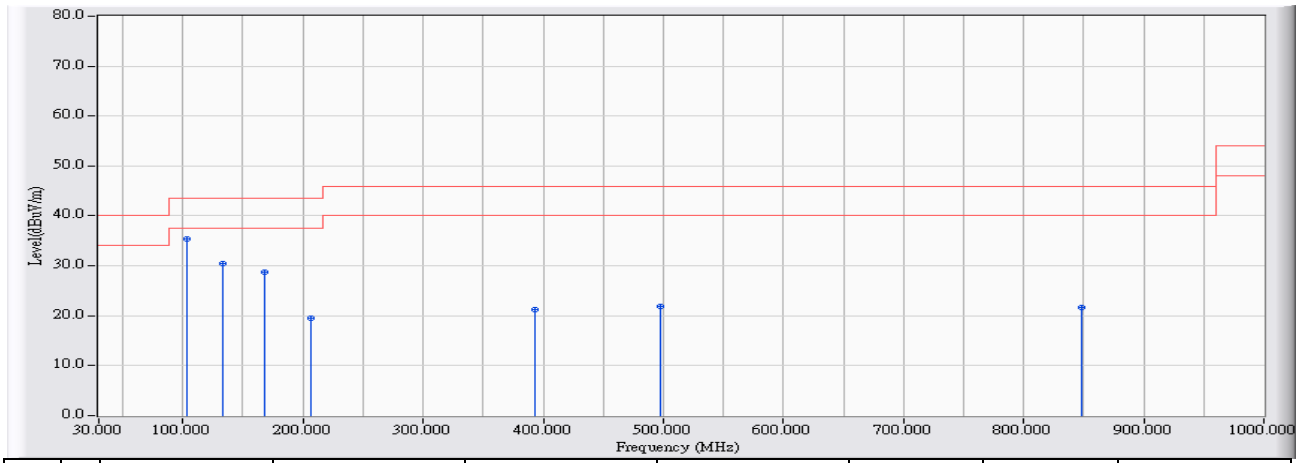


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	101.780	-12.672	45.155	32.482	-11.018	43.500	QUASIPEAK
2		140.580	-12.579	38.826	26.247	-17.253	43.500	QUASIPEAK
3		167.740	-13.950	35.735	21.784	-21.716	43.500	QUASIPEAK
4		301.600	-9.888	32.177	22.289	-23.711	46.000	QUASIPEAK
5		406.360	-7.259	26.877	19.618	-26.382	46.000	QUASIPEAK
6		726.460	-3.889	25.490	21.601	-24.399	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 : 2013/02/19 - 13:30**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 5: Transmit_AD890326_LAN2 802.11ac80M_5210MHz**

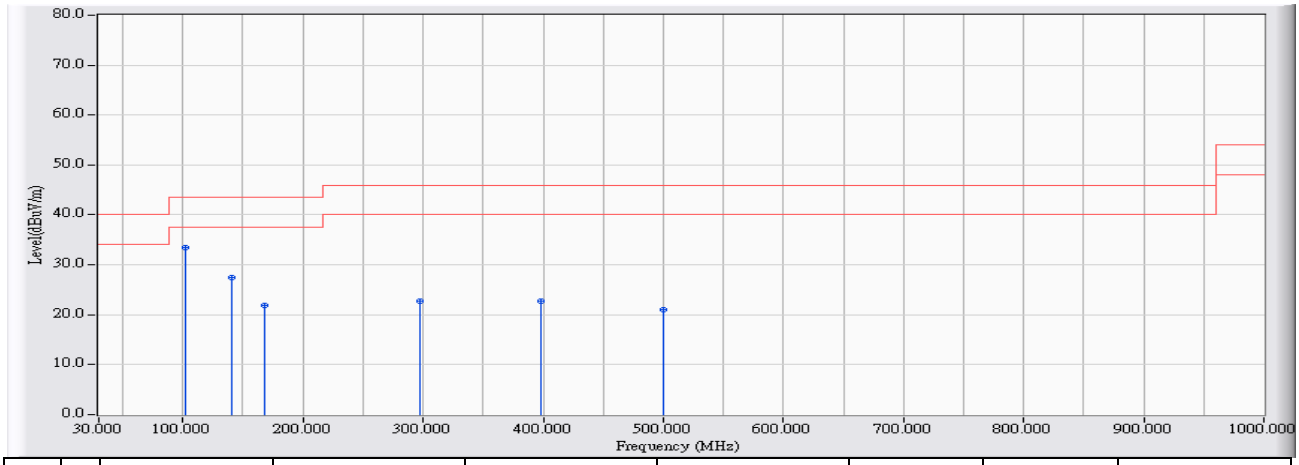


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	103.720	-12.582	48.048	35.466	-8.034	43.500	QUASIPEAK
2		132.820	-12.289	42.721	30.433	-13.067	43.500	QUASIPEAK
3		167.740	-13.950	42.712	28.761	-14.739	43.500	QUASIPEAK
4		206.540	-14.178	33.775	19.597	-23.903	43.500	QUASIPEAK
5		392.780	-7.587	28.882	21.295	-24.705	46.000	QUASIPEAK
6		497.540	-5.149	27.024	21.875	-24.125	46.000	QUASIPEAK
7		848.680	-2.723	24.328	21.604	-24.396	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.

Engineer :	
Site : CB1	**Time : 2013/02/19 - 13:30**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 5: Transmit_AD890326_LAN2 802.11ac80M_5210MHz**

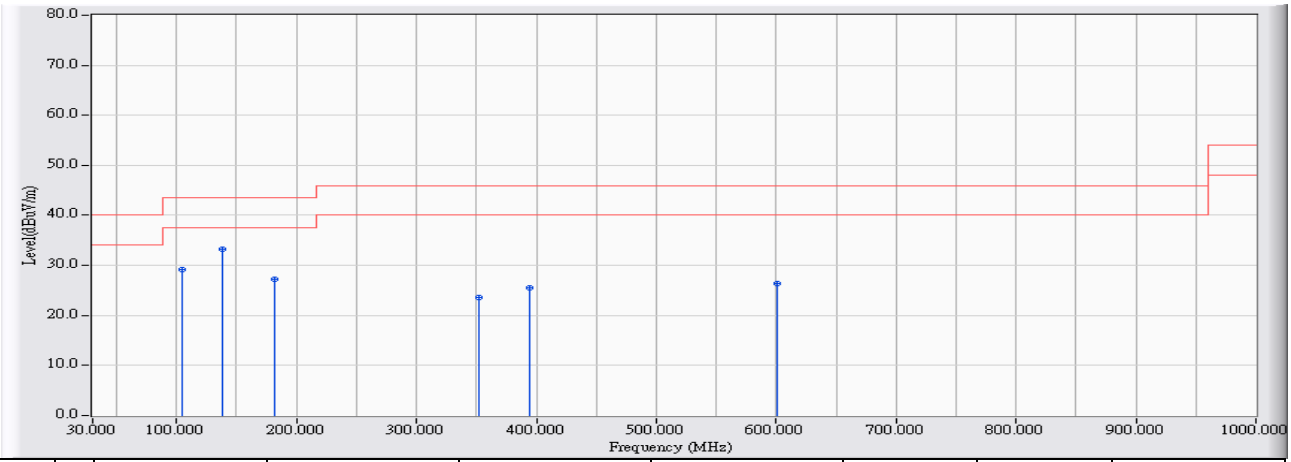


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	101.780	-12.672	46.105	33.432	-10.068	43.500	QUASIPEAK
2		140.580	-12.579	40.108	27.529	-15.971	43.500	QUASIPEAK
3		167.740	-13.950	35.887	21.936	-21.564	43.500	QUASIPEAK
4		297.720	-9.973	32.738	22.765	-23.235	46.000	QUASIPEAK
5		398.600	-7.437	30.247	22.811	-23.189	46.000	QUASIPEAK
6		499.480	-5.103	26.106	21.003	-24.997	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 : 2013/02/27 - 17:02**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 6: Transmit_AD890326_LAN3 802.11a 5220MHz**

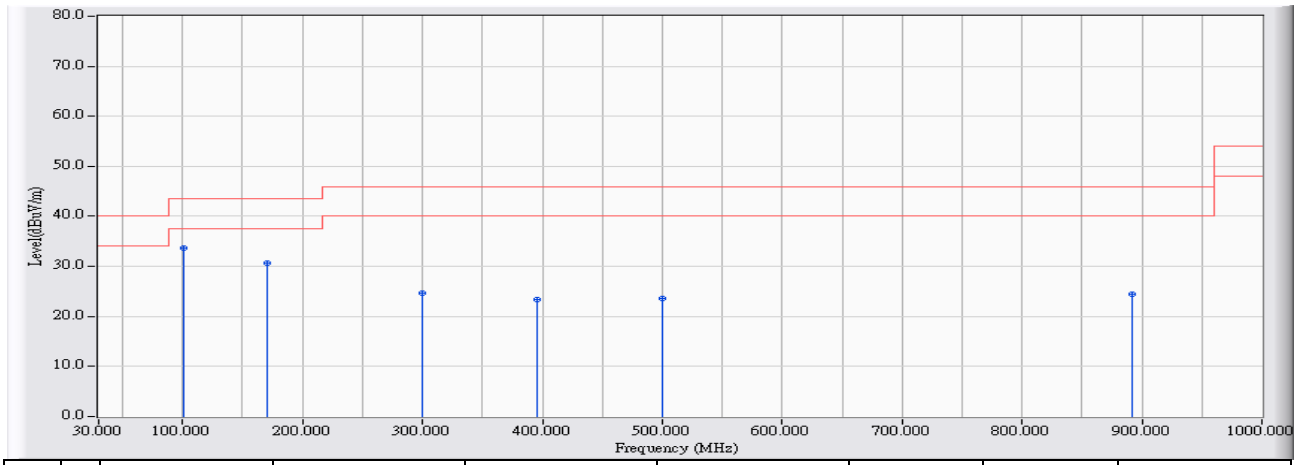


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		104.367	-12.552	41.629	29.077	-14.423	43.500	QUASIPEAK
2	*	138.317	-12.487	45.699	33.211	-10.289	43.500	QUASIPEAK
3		181.967	-14.535	41.666	27.132	-16.368	43.500	QUASIPEAK
4		351.717	-8.651	32.234	23.583	-22.417	46.000	QUASIPEAK
5		393.750	-7.563	33.048	25.486	-20.514	46.000	QUASIPEAK
6		600.683	-4.878	31.159	26.280	-19.720	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 : 2013/02/27 - 17:02**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 6: Transmit_AD890326_LAN3 802.11a 5220MHz**

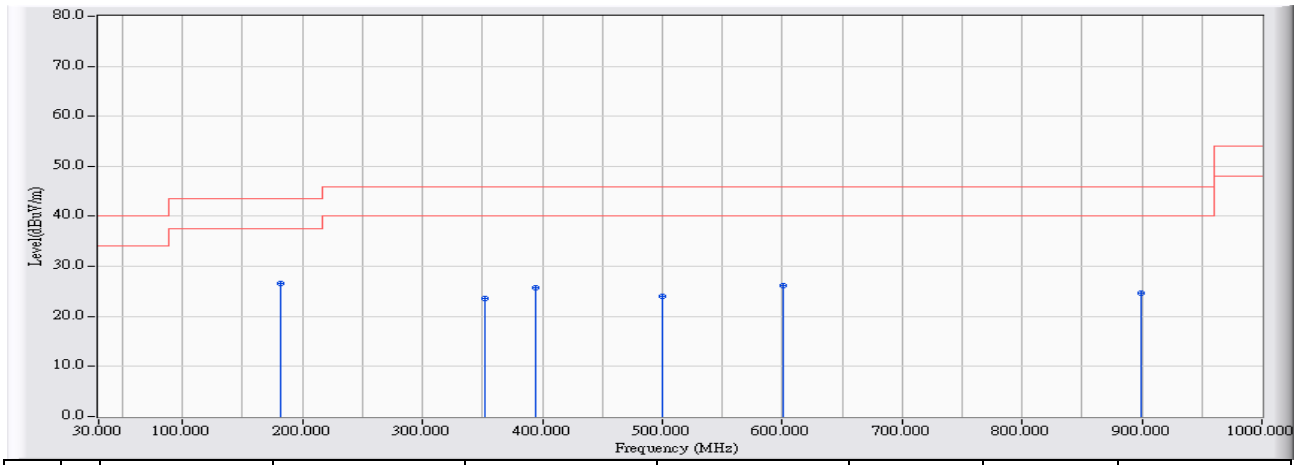


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	101.133	-12.703	46.399	33.696	-9.804	43.500	QUASIPEAK
2		170.650	-14.086	44.793	30.707	-12.793	43.500	QUASIPEAK
3		299.983	-9.927	34.539	24.612	-21.388	46.000	QUASIPEAK
4		395.367	-7.520	30.861	23.341	-22.659	46.000	QUASIPEAK
5		500.450	-5.089	28.697	23.608	-22.392	46.000	QUASIPEAK
6		891.683	-2.503	27.019	24.516	-21.484	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 : 2013/02/27 - 17:04**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 6: Transmit_AD890326_LAN3 802.11n20 5220MHz**

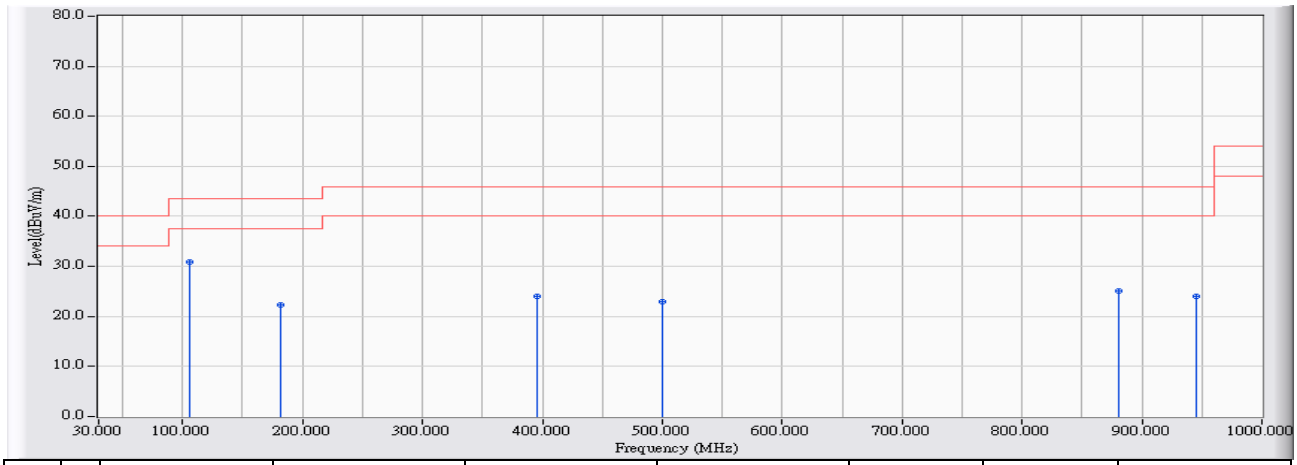


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	181.967	-14.535	41.117	26.583	-16.917	43.500	QUASIPEAK
2		351.717	-8.651	32.348	23.697	-22.303	46.000	QUASIPEAK
3		393.750	-7.563	33.255	25.693	-20.307	46.000	QUASIPEAK
4		500.450	-5.089	29.038	23.949	-22.051	46.000	QUASIPEAK
5		600.683	-4.878	31.033	26.154	-19.846	46.000	QUASIPEAK
6		899.767	-2.461	27.106	24.645	-21.355	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 : 2013/02/27 - 17:05**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 6: Transmit_AD890326_LAN3 802.11n20 5220MHz**

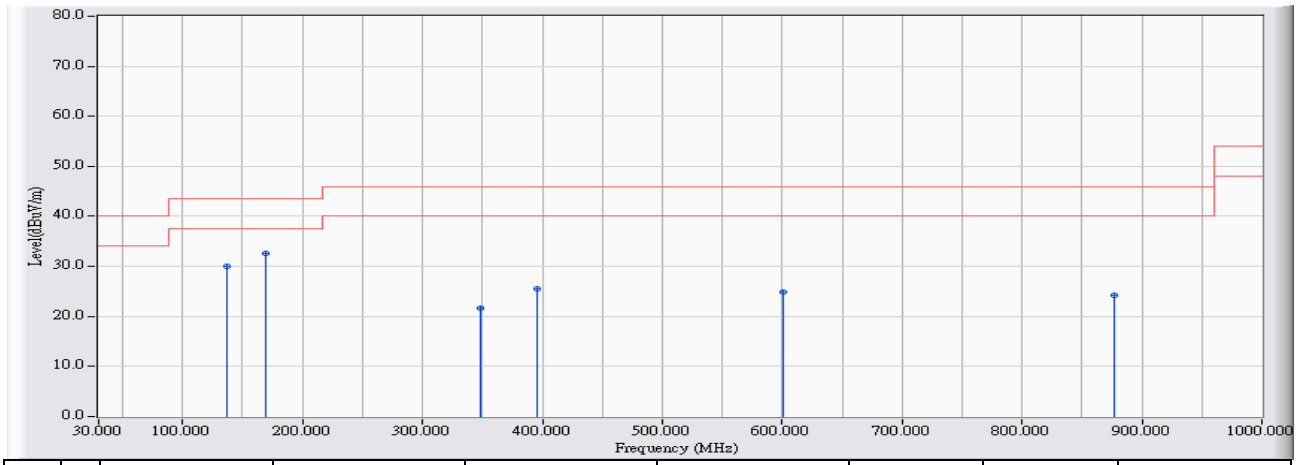


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	105.983	-12.477	43.348	30.871	-12.629	43.500	QUASIPEAK
2		181.967	-14.535	36.851	22.317	-21.183	43.500	QUASIPEAK
3		395.367	-7.520	31.453	23.933	-22.067	46.000	QUASIPEAK
4		500.450	-5.089	28.088	22.999	-23.001	46.000	QUASIPEAK
5		880.367	-2.561	27.664	25.103	-20.897	46.000	QUASIPEAK
6		945.033	-1.938	26.026	24.088	-21.912	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 : 2013/02/27 - 17:05**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 6: Transmit_AD890326_LAN3 802.11n40M 5230MHz**

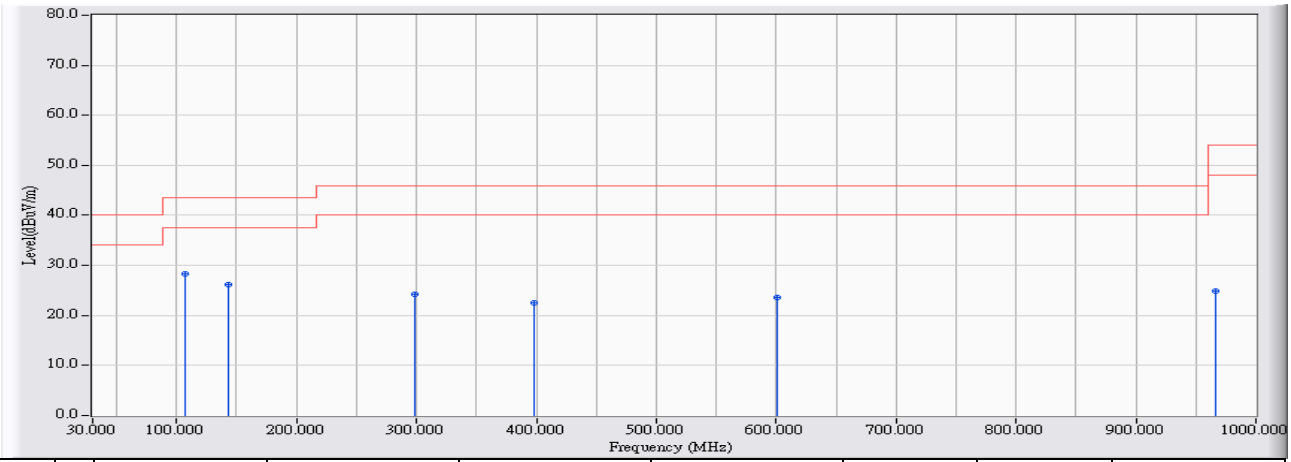


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		136.700	-12.429	42.408	29.979	-13.521	43.500	QUASIPEAK
2	*	169.033	-14.011	46.626	32.615	-10.885	43.500	QUASIPEAK
3		348.483	-8.733	30.448	21.715	-24.285	46.000	QUASIPEAK
4		395.367	-7.520	32.940	25.420	-20.580	46.000	QUASIPEAK
5		600.683	-4.878	29.843	24.964	-21.036	46.000	QUASIPEAK
6		877.133	-2.578	26.747	24.169	-21.831	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 : 2013/02/27 - 17:05**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 6: Transmit_AD890326_LAN3 802.11n40M 5230MHz**

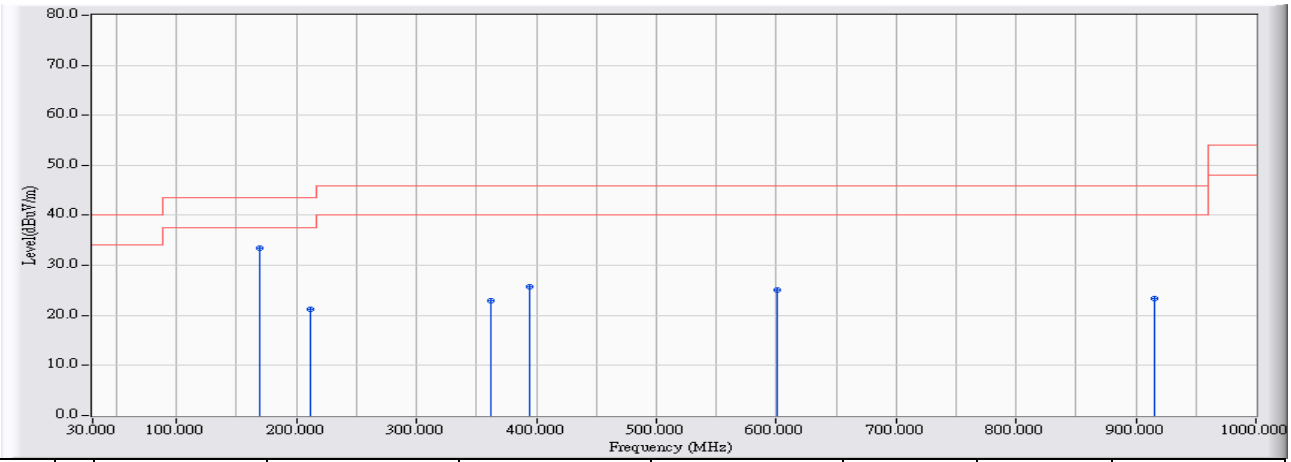


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	107.600	-12.401	40.655	28.254	-15.246	43.500	QUASIPEAK
2		143.167	-12.713	38.967	26.254	-17.246	43.500	QUASIPEAK
3		298.367	-9.960	34.186	24.226	-21.774	46.000	QUASIPEAK
4		398.600	-7.437	29.960	22.524	-23.476	46.000	QUASIPEAK
5		600.683	-4.878	28.424	23.545	-22.455	46.000	QUASIPEAK
6		966.050	-1.696	26.604	24.908	-29.092	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 : 2013/02/27 - 17:07**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 6: Transmit_AD890326_LAN3 802.11AC80 5210MHz**

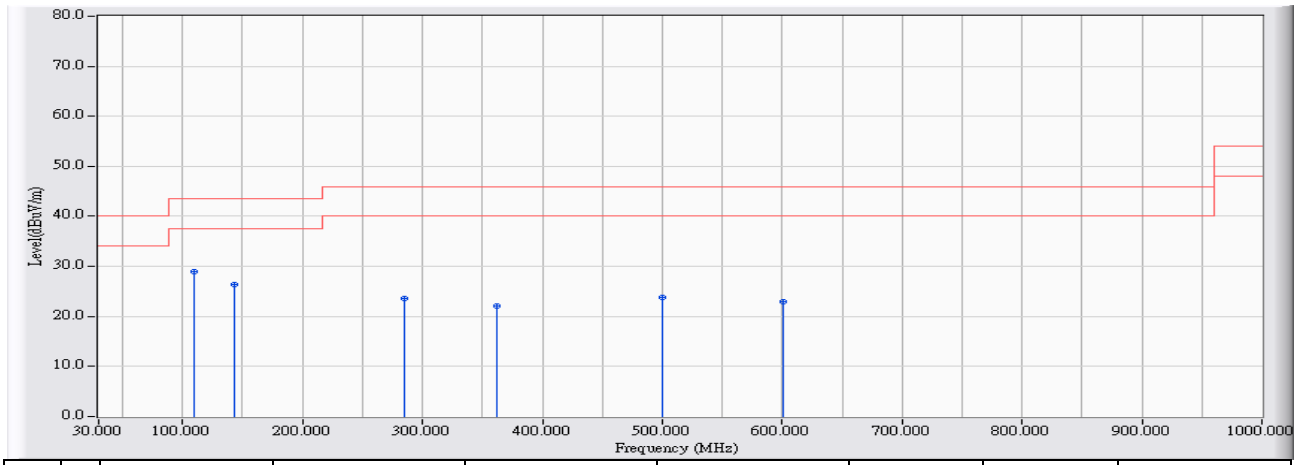


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	169.033	-14.011	47.492	33.481	-10.019	43.500	QUASIPEAK
2		211.067	-13.839	35.117	21.278	-22.222	43.500	QUASIPEAK
3		361.417	-8.400	31.345	22.945	-23.055	46.000	QUASIPEAK
4		393.750	-7.563	33.291	25.729	-20.271	46.000	QUASIPEAK
5		600.683	-4.878	29.942	25.063	-20.937	46.000	QUASIPEAK
6		915.933	-2.275	25.637	23.362	-22.638	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 : 2013/02/27 - 17:07**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 6: Transmit_AD890326_LAN3 802.11AC80 5210MHz**



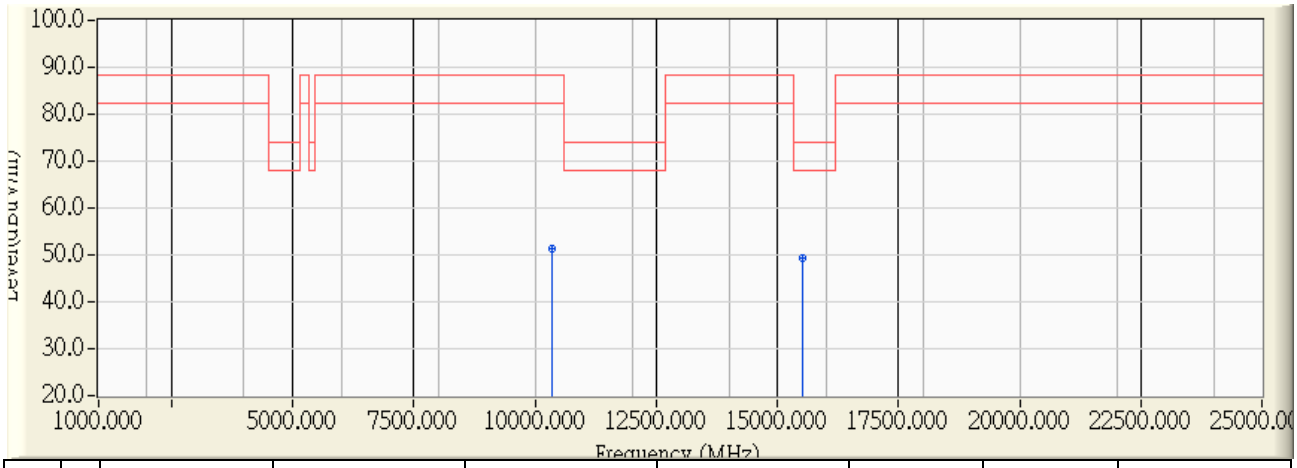
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	109.217	-12.326	41.373	29.047	-14.453	43.500	QUASIPEAK
2		143.167	-12.713	39.085	26.372	-17.128	43.500	QUASIPEAK
3		285.433	-10.217	33.861	23.644	-22.356	46.000	QUASIPEAK
4		361.417	-8.400	30.459	22.059	-23.941	46.000	QUASIPEAK
5		500.450	-5.089	28.802	23.713	-22.287	46.000	QUASIPEAK
6		600.683	-4.878	27.815	22.936	-23.064	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.

Harmonic & Spurious:

Site : CB1	**Time : 2013/01/08 - 18:28**
Limit : FCC_SpartE_15.407_H_03M_PK	**Margin : 6**
Probe :CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 1:Transmit_EXA1206UH_LAN1 5180MHz_802.11a**

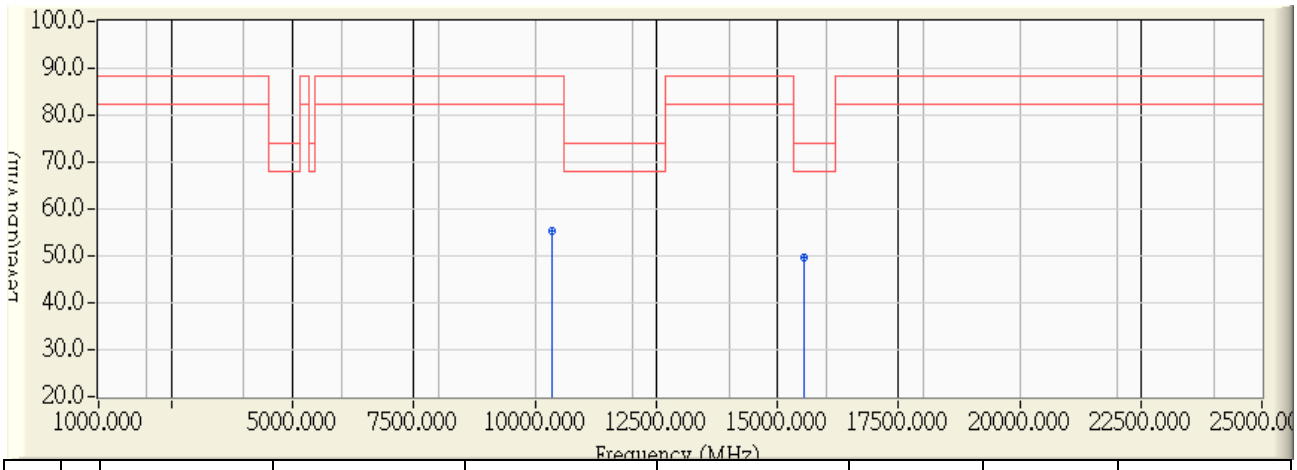


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10362.900	10.787	40.431	51.217	-37.083	88.300	PEAK
2	*	15522.550	11.416	37.830	49.246	-24.754	74.000	PEAK

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. “ # ”, means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2013/01/08 - 18:30**
Limit : FCC_SpartE_15.407_H_03M_PK	**Margin : 6**
Probe :CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 1:Transmit_EXA1206UH_LAN1 5180MHz_802.11a**

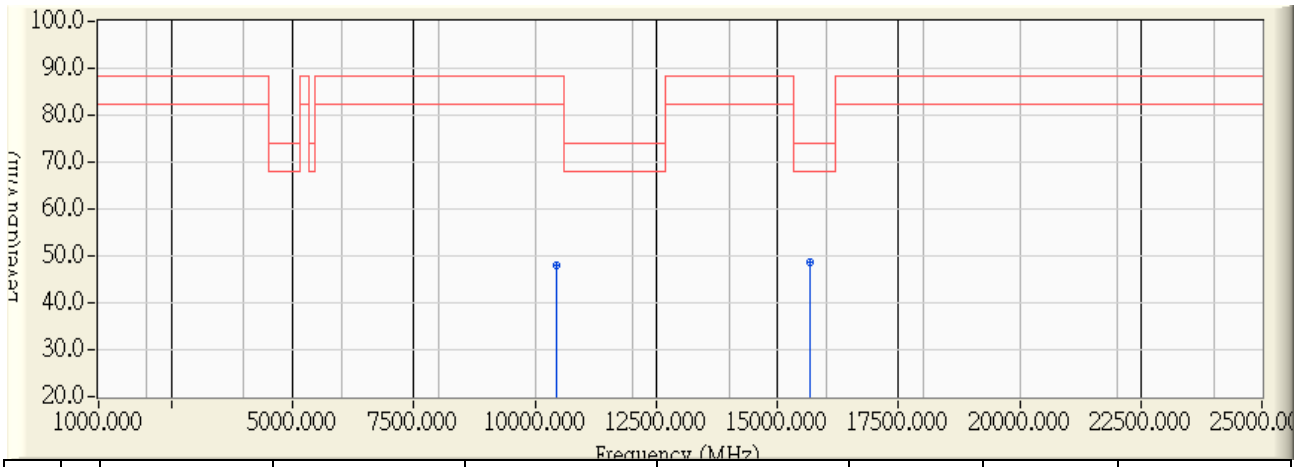


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10358.650	10.798	44.611	55.409	-32.891	88.300	PEAK
2	*	15562.400	11.388	38.336	49.724	-24.276	74.000	PEAK

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. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2013/01/08 - 18:31**
Limit : FCC_SpartE_15.407_H_03M_PK	**Margin : 6**
Probe :CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 1:Transmit_EXA1206UH_LAN1 5220MHz_802.11a**

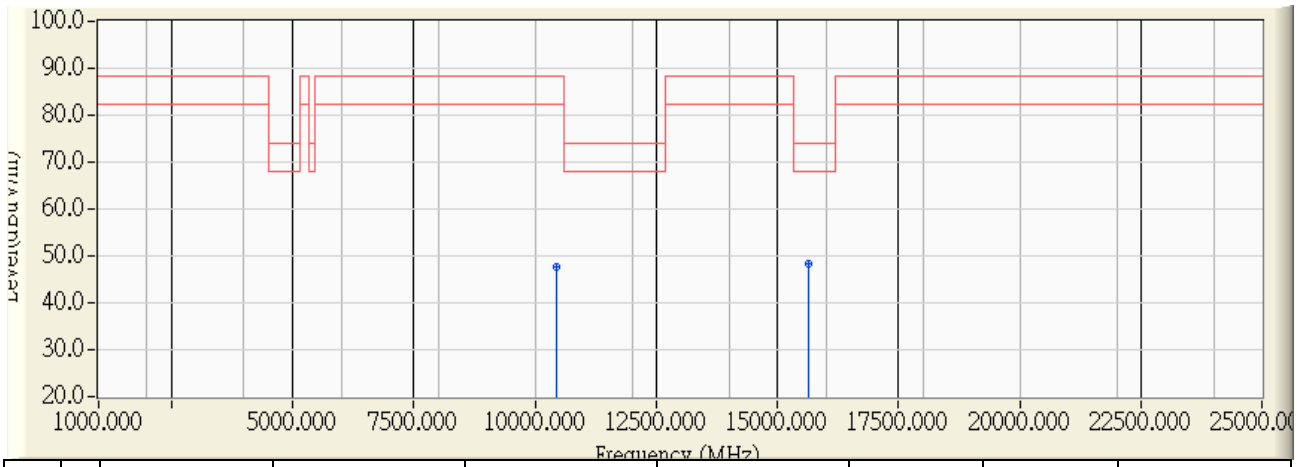


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10438.150	10.579	37.582	48.160	-40.140	88.300	PEAK
2	*	15682.300	11.306	37.487	48.793	-25.207	74.000	PEAK

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. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2013/01/08 - 18:32**
Limit : FCC_SpartE_15.407_H_03M_PK	**Margin : 6**
Probe :CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 1:Transmit_EXA1206UH_LAN1 5220MHz_802.11a**

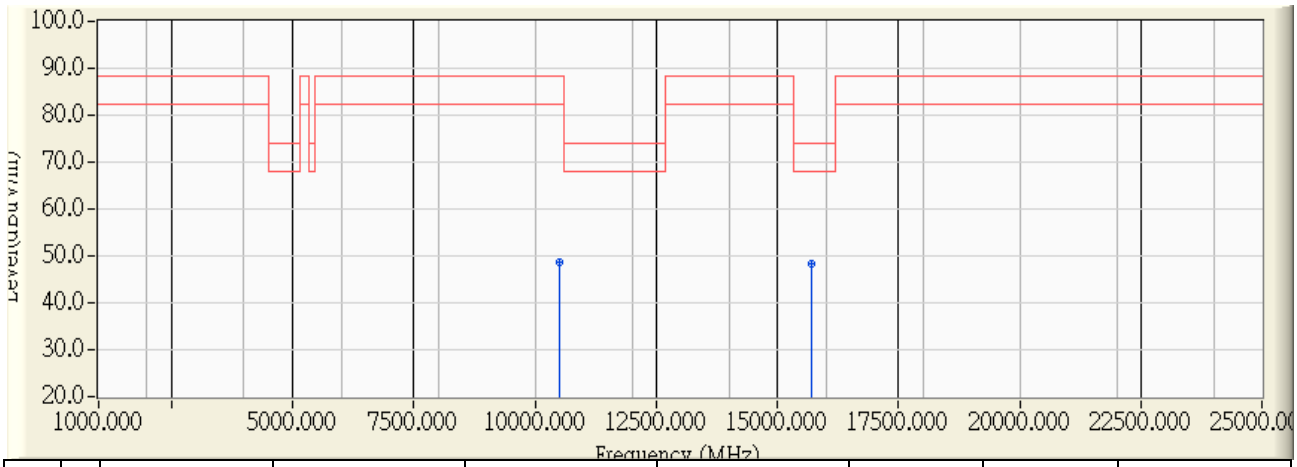


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10447.500	10.552	37.260	47.812	-40.488	88.300	PEAK
2	*	15653.000	11.327	36.954	48.280	-25.720	74.000	PEAK

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. “ # ”, means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2013/01/08 - 18:33**
Limit : FCC_SpartE_15.407_H_03M_PK	**Margin : 6**
Probe :CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 1:Transmit_EXA1206UH_LAN1 5240MHz_802.11a**

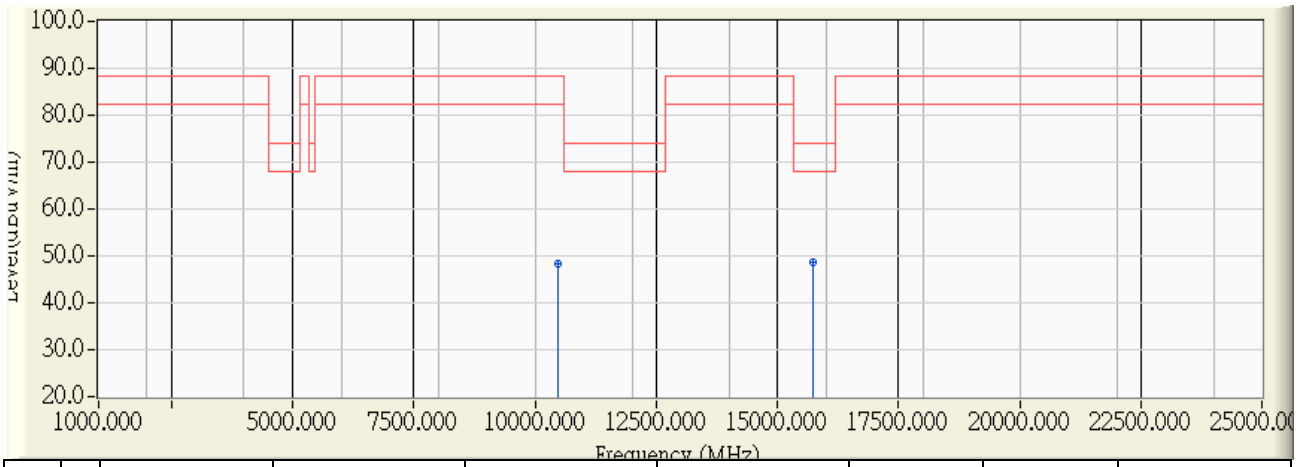


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10504.450	10.440	38.141	48.581	-39.719	88.300	PEAK
2	*	15716.900	11.282	37.014	48.297	-25.703	74.000	PEAK

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. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2013/01/08 - 18:34**
Limit : FCC_SpartE_15.407_H_03M_PK	**Margin : 6**
Probe :CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 1:Transmit_EXA1206UH_LAN1 5240MHz_802.11a**

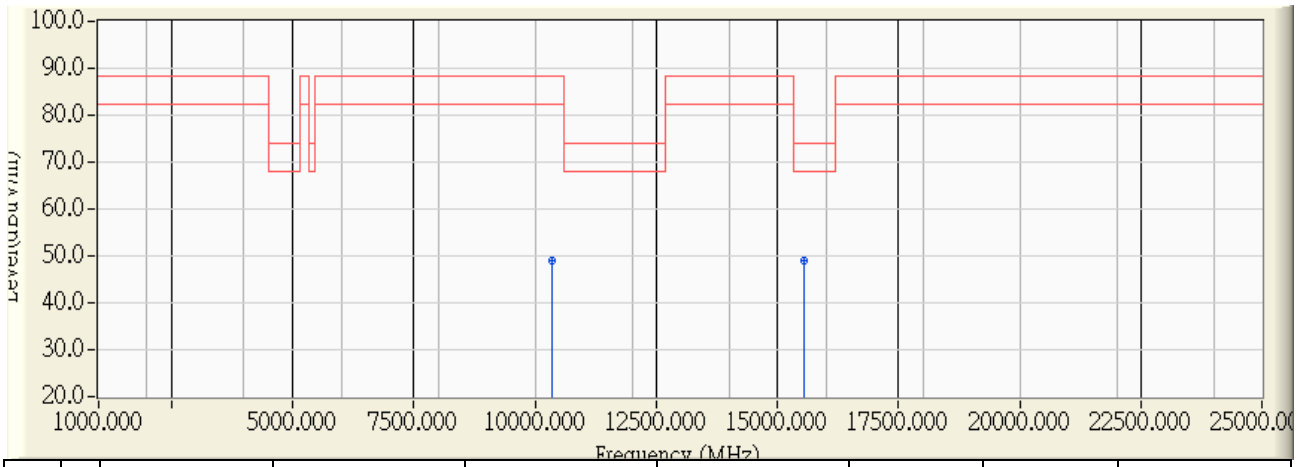


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10468.950	10.493	37.801	48.294	-40.006	88.300	PEAK
2	*	15730.700	11.273	37.425	48.698	-25.302	74.000	PEAK

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. “ # ”, means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2013/01/08 - 18:36**
Limit : FCC_SpartE_15.407_H_03M_PK	**Margin : 6**
Probe :CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 1:Transmit_EXA1206UH_LAN1 5180MHz_802.11n(20M)**

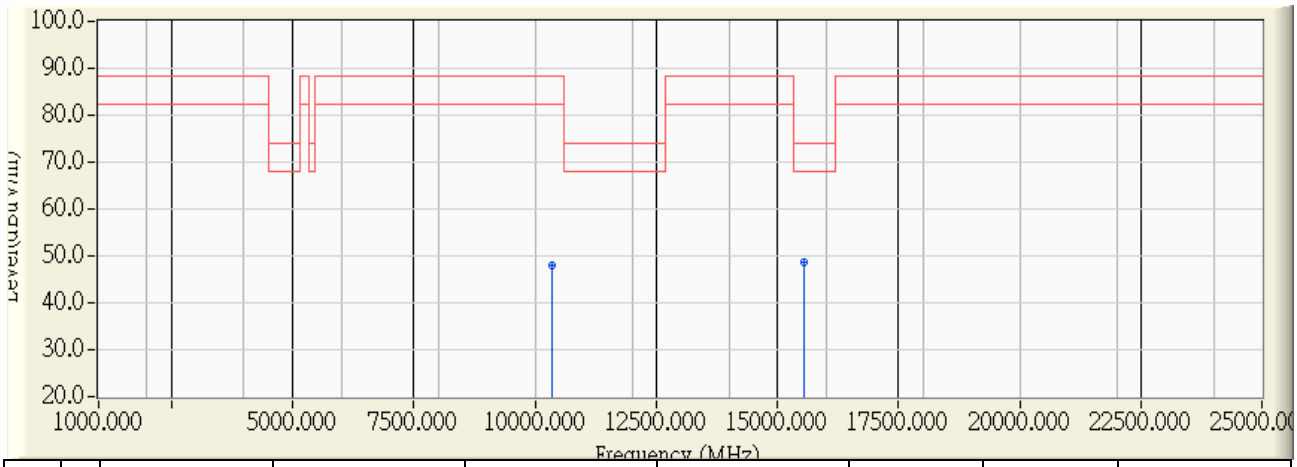


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10348.650	10.825	38.011	48.836	-39.464	88.300	PEAK
2	*	15564.600	11.387	37.531	48.918	-25.082	74.000	PEAK

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. “ # ”, means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2013/01/08 - 18:36**
Limit : FCC_SpartE_15.407_H_03M_PK	**Margin : 6**
Probe :CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 1:Transmit_EXA1206UH_LAN1 5180MHz_802.11n(20M)**

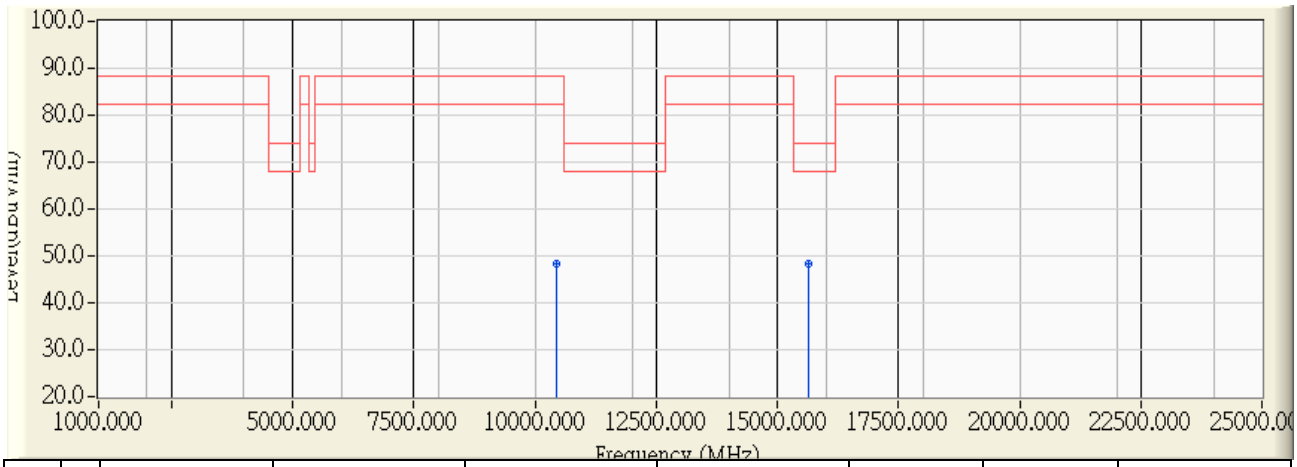


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10364.050	10.782	37.229	48.012	-40.288	88.300	PEAK
2	*	15556.500	11.392	37.330	48.723	-25.277	74.000	PEAK

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. “ # ”, means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2013/01/08 - 18:37**
Limit : FCC_SpartE_15.407_H_03M_PK	**Margin : 6**
Probe :CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 1:Transmit_EXA1206UH_LAN1 5220MHz_802.11n(20M)**

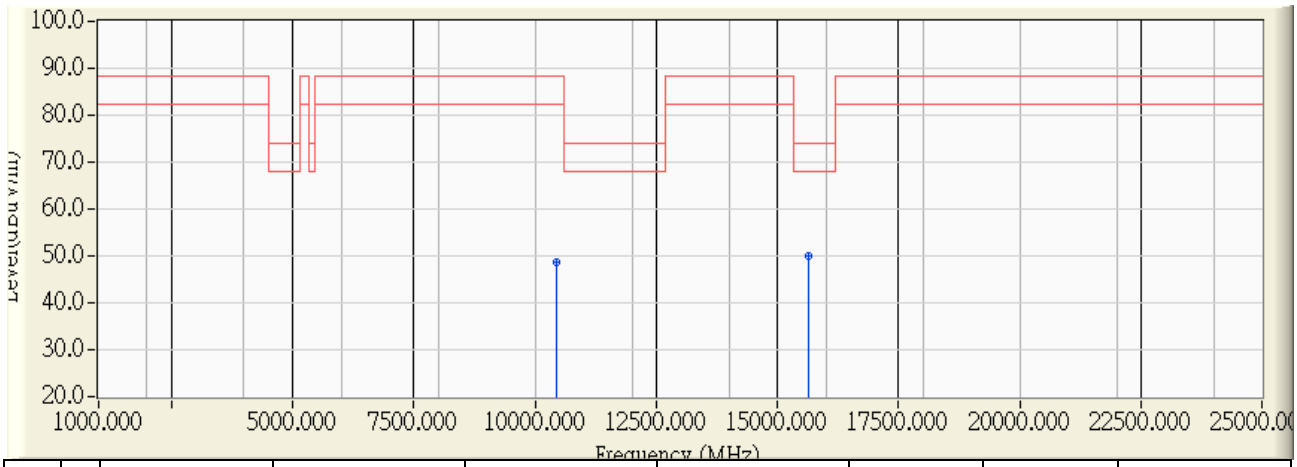


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10434.750	10.588	37.624	48.211	-40.089	88.300	PEAK
2	*	15645.100	11.332	37.148	48.480	-25.520	74.000	PEAK

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. “ # ”, means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2013/01/08 - 18:39**
Limit : FCC_SpartE_15.407_H_03M_PK	**Margin : 6**
Probe :CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 1:Transmit_EXA1206UH_LAN1 5220MHz_802.11n(20M)**

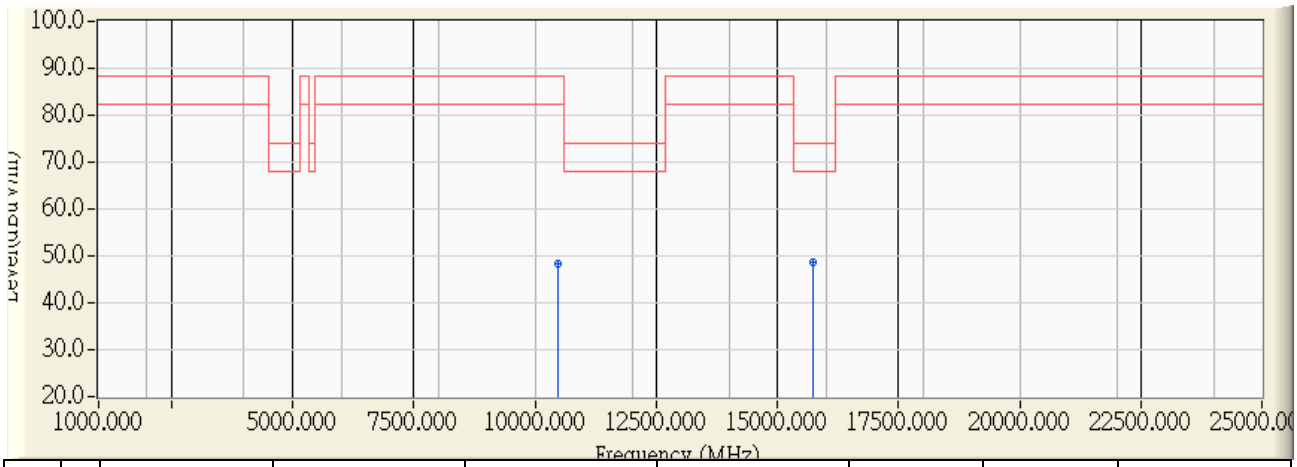


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10440.800	10.570	38.170	48.741	-39.559	88.300	PEAK
2	*	15659.650	11.322	38.517	49.839	-24.161	74.000	PEAK

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. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2013/01/08 - 18:42**
Limit : FCC_SpartE_15.407_H_03M_PK	**Margin : 6**
Probe :CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 1:Transmit_EXA1206UH_LAN1 5240MHz_802.11n(20M)**

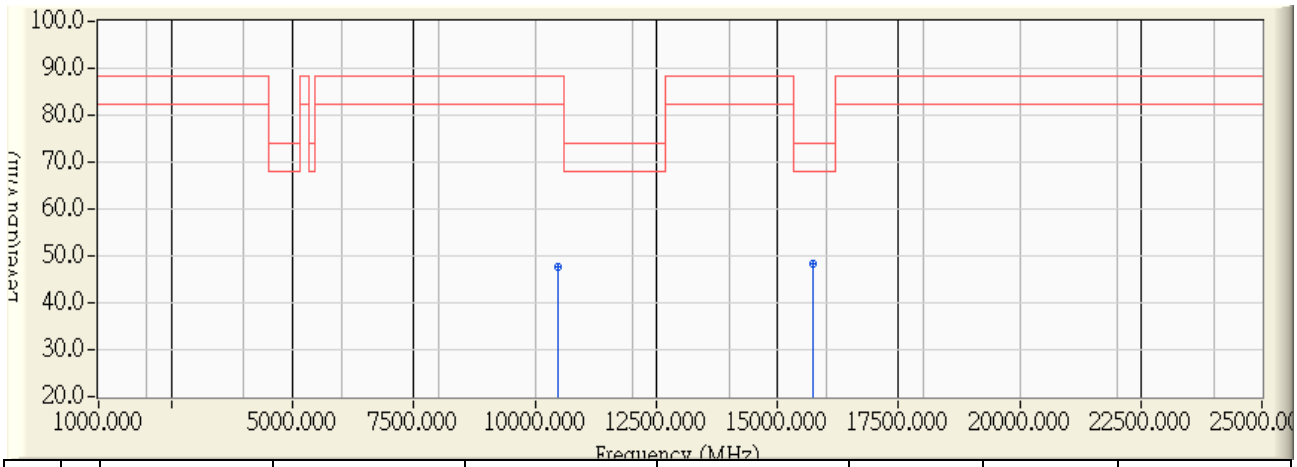


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10480.500	10.461	37.976	48.437	-39.863	88.300	PEAK
2	*	15725.100	11.277	37.507	48.784	-25.216	74.000	PEAK

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. “ # ”, means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2013/01/08 - 18:42**
Limit : FCC_SpartE_15.407_H_03M_PK	**Margin : 6**
Probe :CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 1:Transmit_EXA1206UH_LAN1 5240MHz_802.11n(20M)**

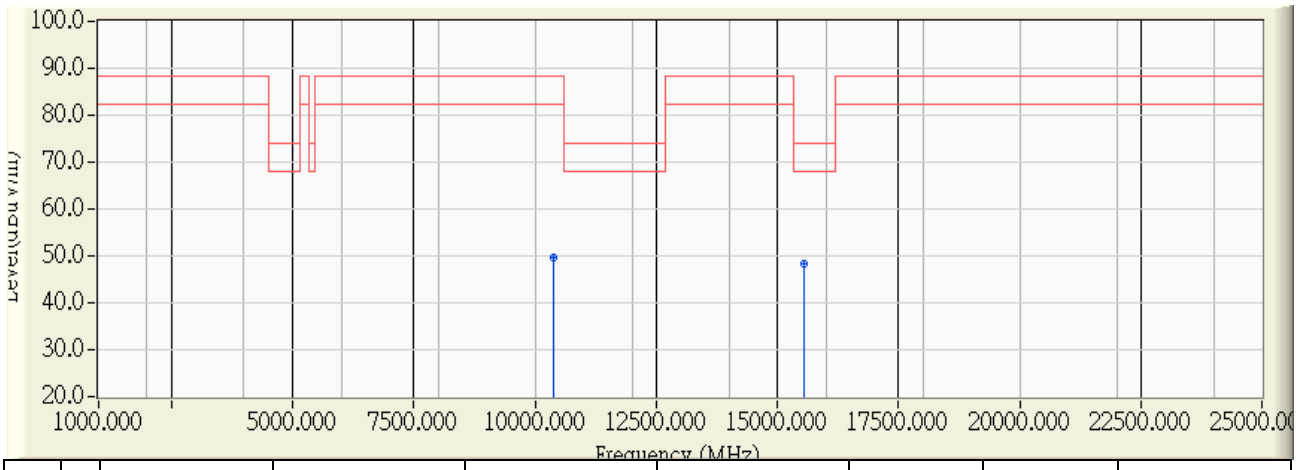


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10489.900	10.443	37.129	47.572	-40.728	88.300	PEAK
2	*	15724.700	11.278	37.026	48.303	-25.697	74.000	PEAK

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. “ # ”, means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2013/01/08 - 18:43**
Limit : FCC_SpartE_15.407_H_03M_PK	**Margin : 6**
Probe :CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 1:Transmit_EXA1206UH_LAN1 5190MHz_802.11n(40M)**

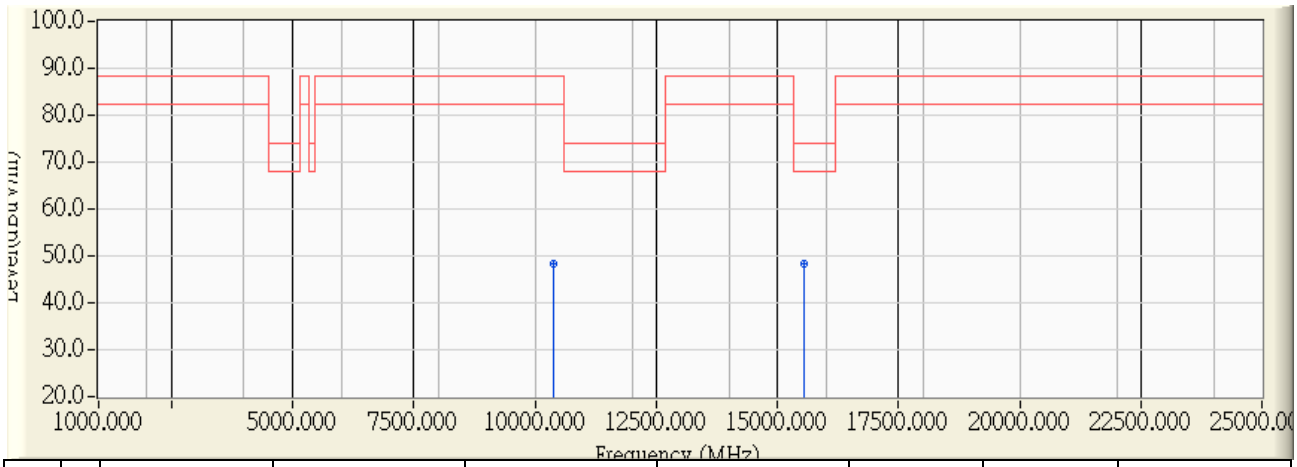


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10387.050	10.719	39.024	49.743	-38.557	88.300	PEAK
2	*	15557.700	11.392	37.050	48.442	-25.558	74.000	PEAK

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. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2013/01/08 - 18:44**
Limit : FCC_SpartE_15.407_H_03M_PK	**Margin : 6**
Probe :CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 1:Transmit_EXA1206UH_LAN1 5190MHz_802.11n(40M)**

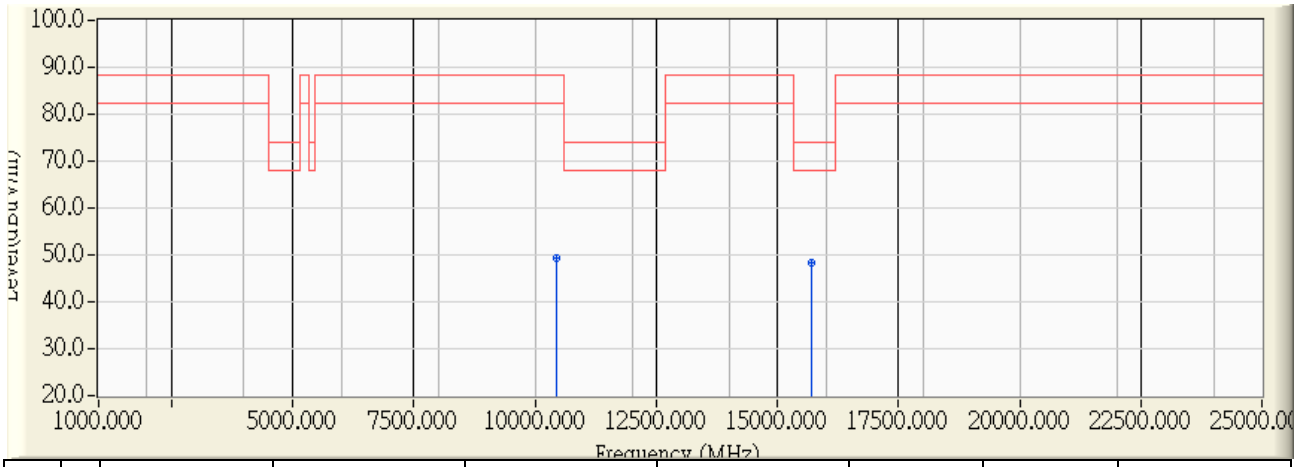


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10393.450	10.702	37.515	48.217	-40.083	88.300	PEAK
2	*	15552.600	11.395	37.072	48.467	-25.533	74.000	PEAK

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. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

Engineer :	
Site : CB1	**Time : 2013/01/08 - 18:45**
Limit : FCC_SpartE_15.407_H_03M_PK	**Margin : 6**
Probe :CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 1:Transmit_EXA1206UH_LAN1 5230MHz_802.11n(40M)**

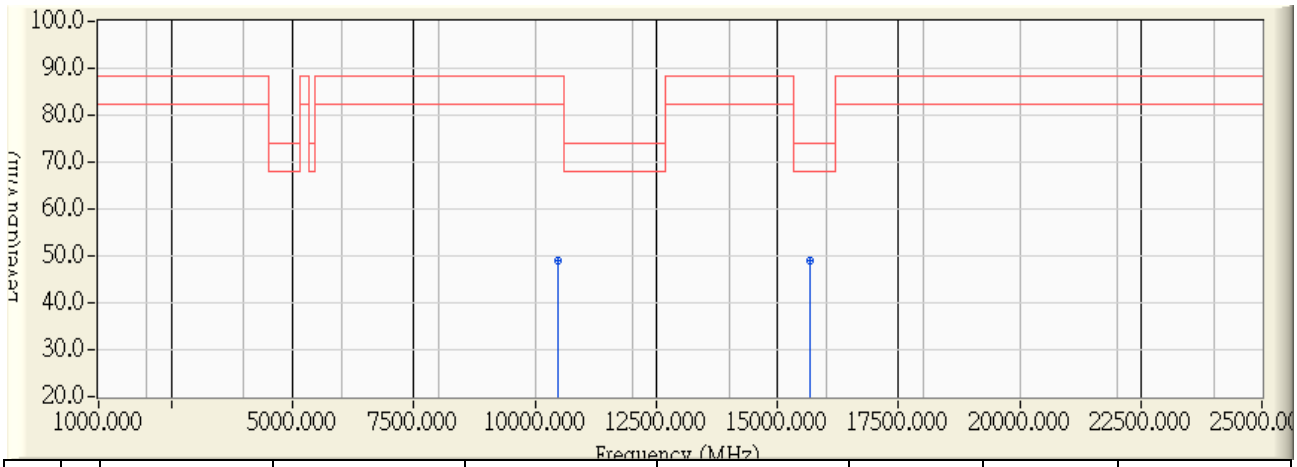


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10436.800	10.582	38.599	49.181	-39.119	88.300	PEAK
2	*	15709.800	11.287	37.090	48.378	-25.622	74.000	PEAK

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. “ # ”, means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2013/01/08 - 18:46**
Limit : FCC_SpartE_15.407_H_03M_PK	**Margin : 6**
Probe :CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 1:Transmit_EXA1206UH_LAN1 5230MHz_802.11n(40M)**

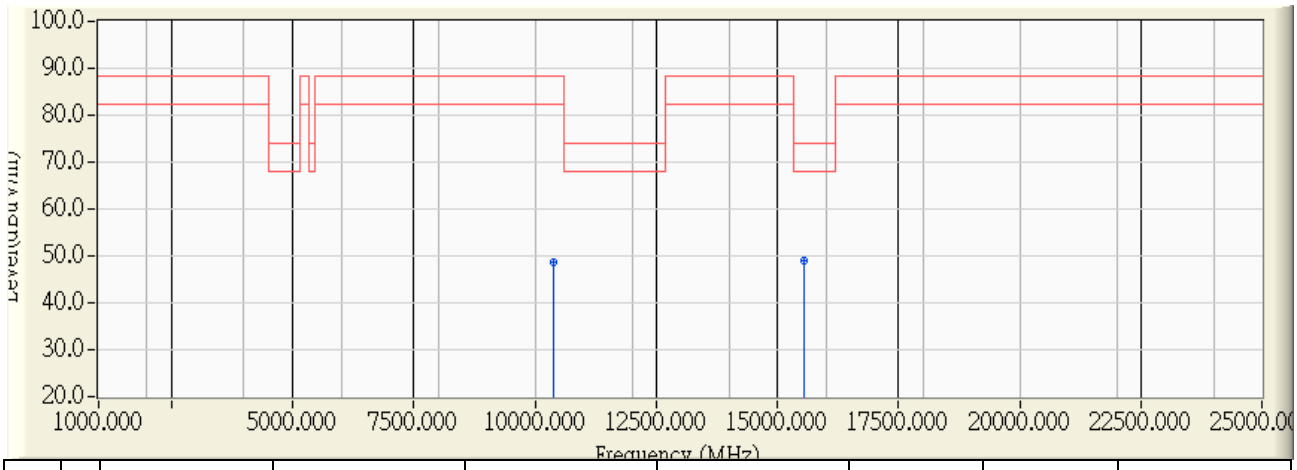


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10473.650	10.480	38.361	48.841	-39.459	88.300	PEAK
2	*	15675.650	11.311	37.802	49.113	-24.887	74.000	PEAK

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. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2013/01/08 - 18:47**
Limit : FCC_SpartE_15.407_H_03M_PK	**Margin : 6**
Probe :CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 1:Transmit_EXA1206UH_LAN1 5210MHz_802.11ac(80M)**

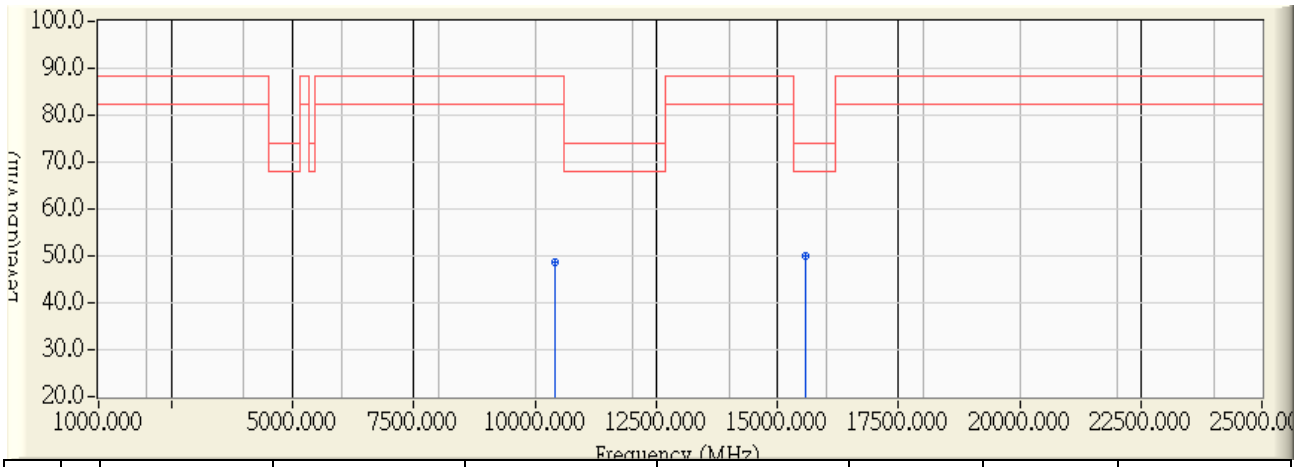


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10375.840	10.751	37.821	48.571	-39.729	88.300	PEAK
2	*	15566.960	11.385	37.724	49.109	-24.891	74.000	PEAK

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. “ # ”, means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2013/01/08 - 18:48**
Limit : FCC_SpartE_15.407_H_03M_PK	**Margin : 6**
Probe :CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : Mode 1:Transmit_EXA1206UH_LAN1 5210MHz_802.11ac(80M)**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10424.640	10.615	38.119	48.734	-39.566	88.300	PEAK
2	*	15574.000	11.380	38.626	50.006	-23.994	74.000	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. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

8. Band Edge

8.1. Test Equipment

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

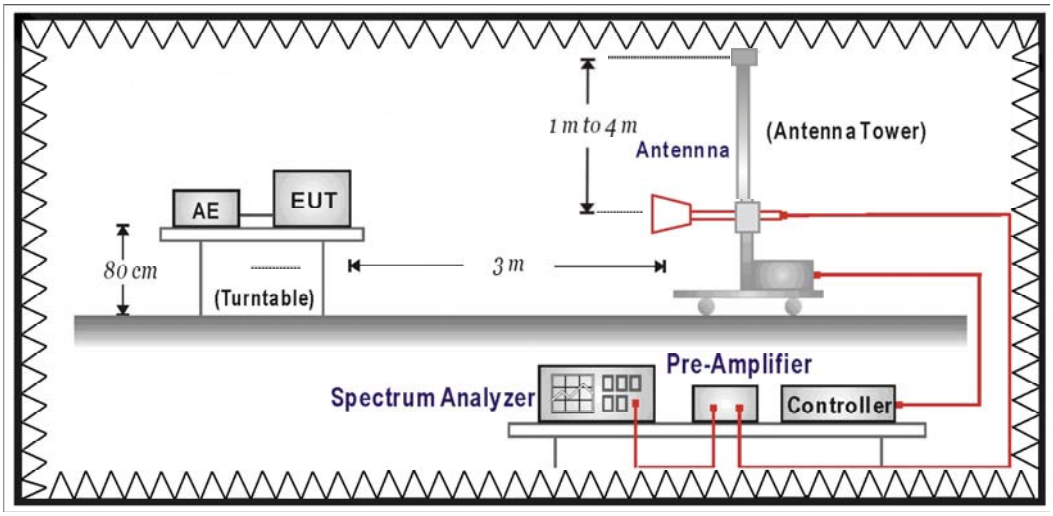
Band Edge / CB1

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Double Ridged Guide Horn Antenna	Schwarzback	BBHA 9120	D743	2014/02/17
Spectrum Analyzer	Agilent	E4440A	MY46187335	2014/01/27
k Type Cable	Huber Suhner	Sucoflex 102	25623/2	2014/02/21

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

8.2. Test Setup

RF Radiated Measurement:



8.3. 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)

8.4. 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 C63.4: 2009on radiated measurement.

The bandwidth below 1GHz setting on the field strength meter (R&S Test Receiver ESCS 30)is 120 KHz, above 1GHz are 1 MHz.

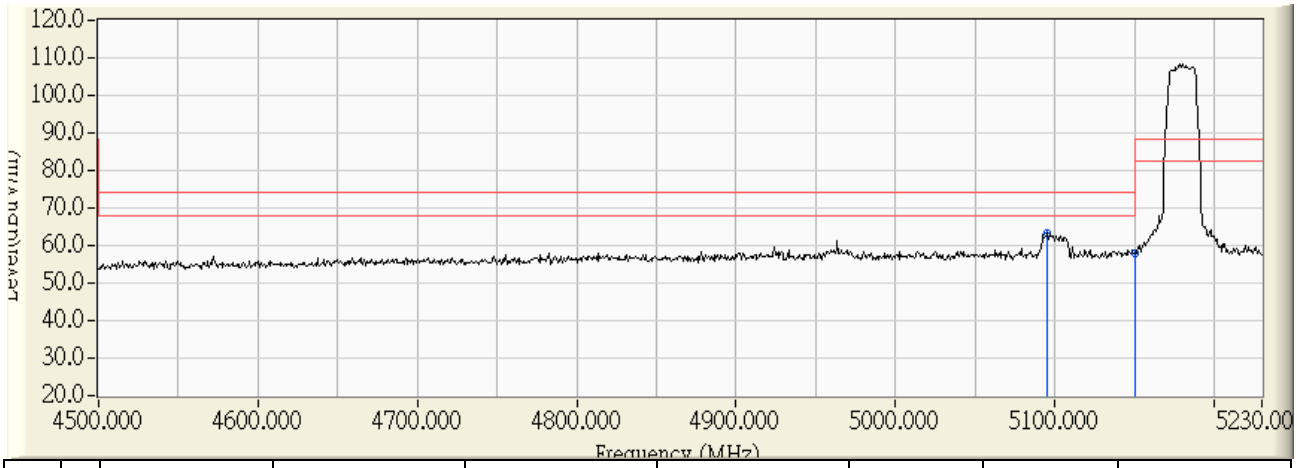
8.5. Uncertainty

The measurement uncertainty is defined as ± 3.65dB

8.6. Test Result

Radiated is defined as

Site : CB1	**Time : 2013/01/08 - 17:49**
Limit : FCC_SpartE_15.407_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : 5180MHz_802.11a**

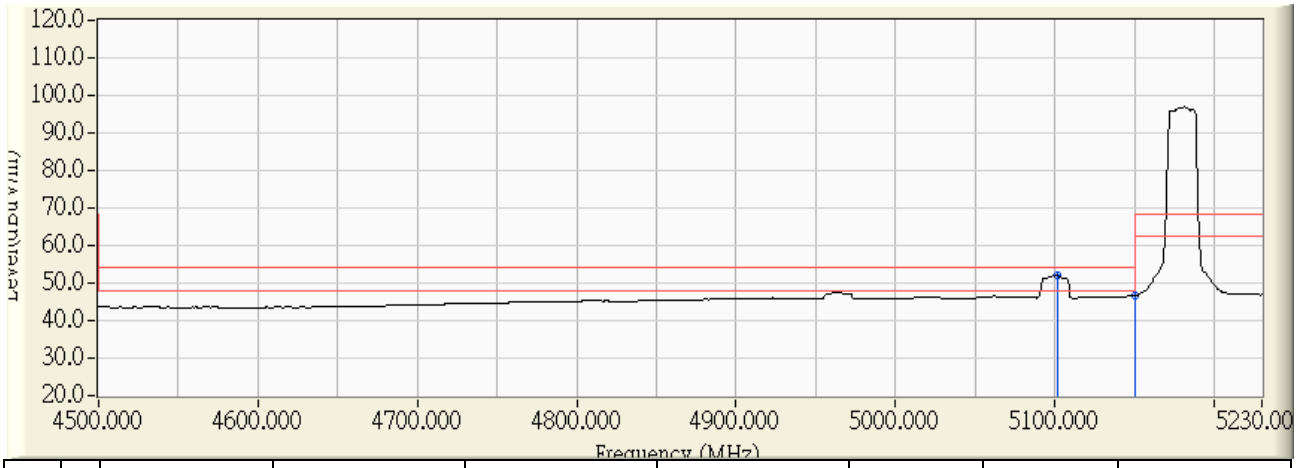


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5095.680	0.406	62.829	63.235	-10.765	74.000	PEAK
2		5150.000	0.831	57.179	58.010	-15.990	74.000	PEAK

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.

Engineer :	
Site : CB1	**Time : 2013/01/08 - 17:49**
Limit : FCC_SpartE_15.407_H_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : 5180MHz_802.11a**

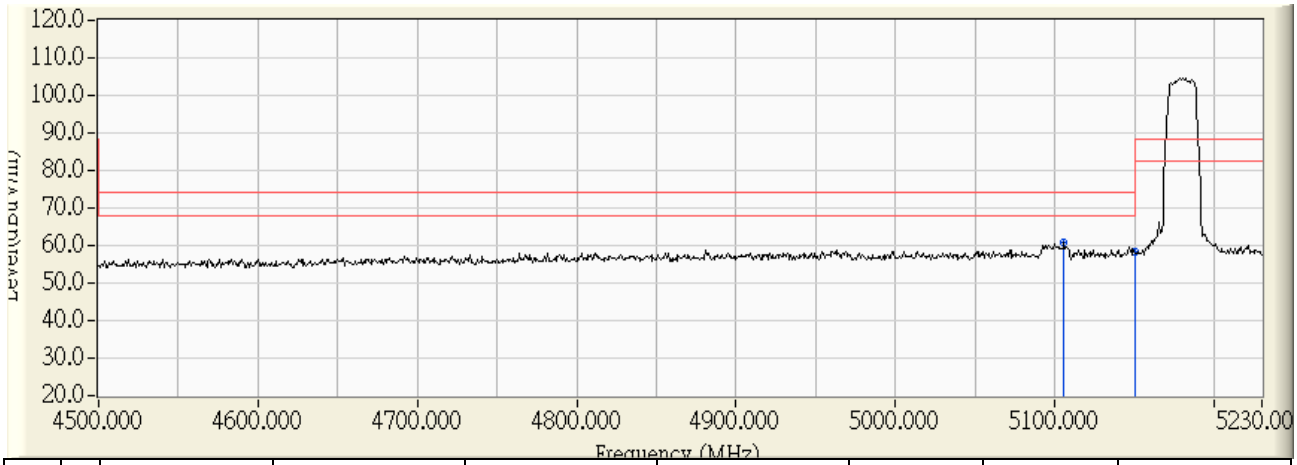


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5101.520	0.452	51.529	51.981	-2.019	54.000	AVERAGE
2		5150.000	0.831	45.811	46.642	-7.358	54.000	AVERAGE

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 : 2013/01/08 - 17:55**
Limit : FCC_SpartE_15.407_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : 5180MHz_802.11a**

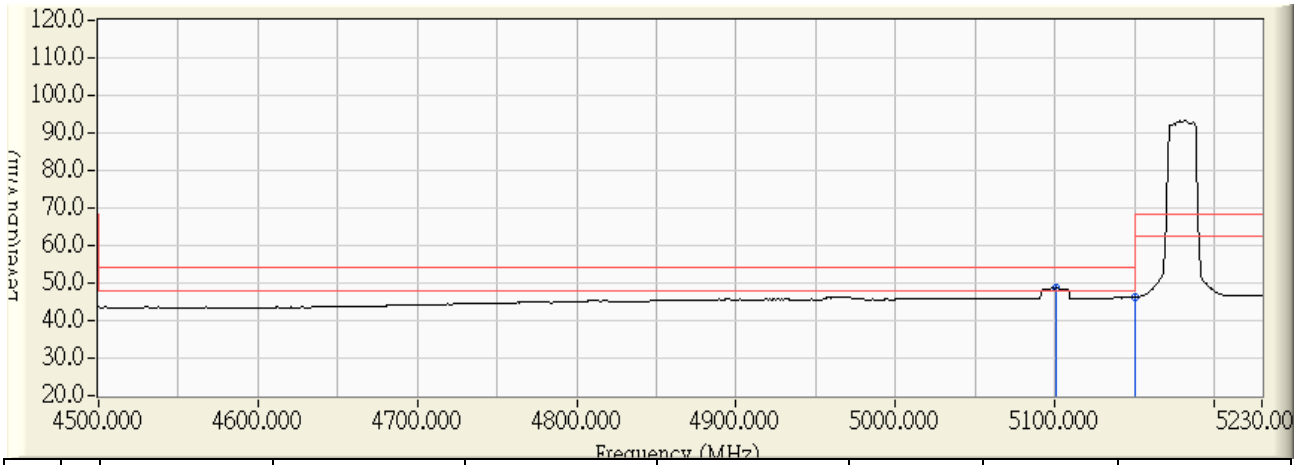


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5105.900	0.487	60.232	60.718	-13.282	74.000	PEAK
2		5150.000	0.831	57.646	58.477	-15.523	74.000	PEAK

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 : 2013/01/08 - 17:54**
Limit : FCC_SpartE_15.407_H_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : 5180MHz_802.11a**

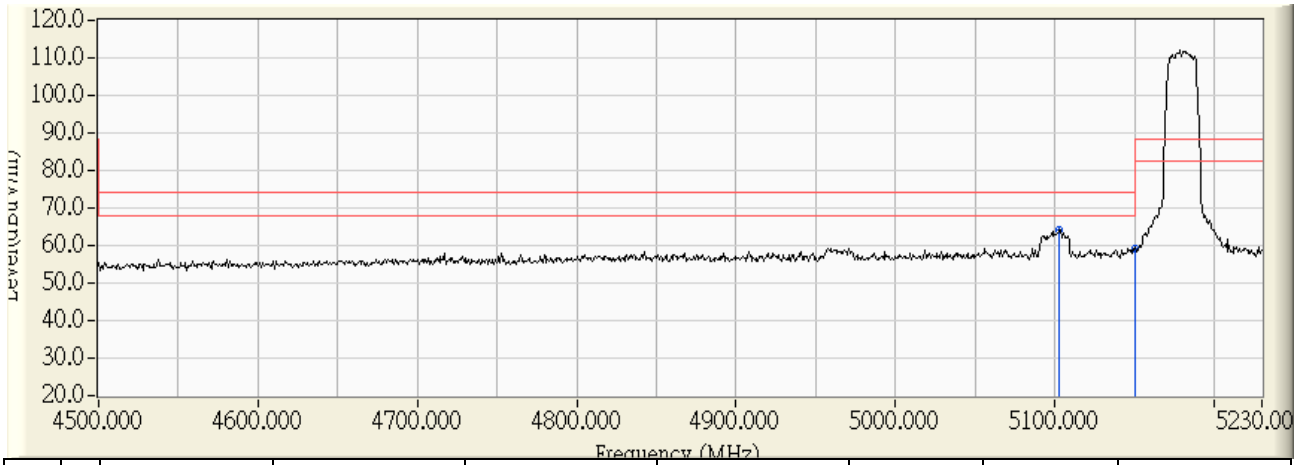


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5100.790	0.446	48.156	48.602	-5.398	54.000	AVERAGE
2		5150.000	0.831	45.360	46.191	-7.809	54.000	AVERAGE

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 : 2013/01/08 - 14:38**
Limit : FCC_SpartE_15.407_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : 5180MHz_802.11n(20M)**

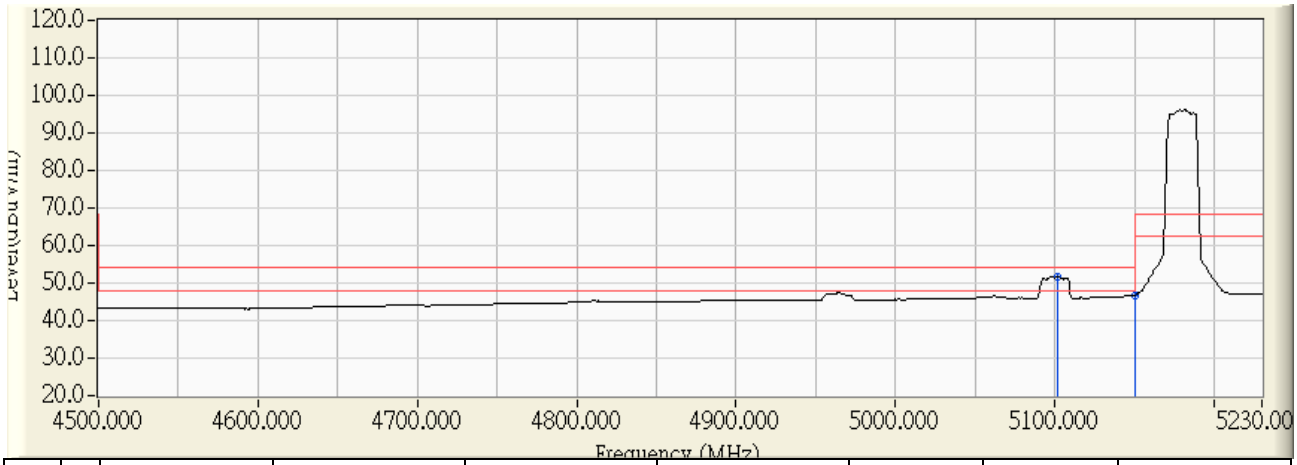


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5102.980	0.463	63.731	64.194	-9.806	74.000	PEAK
2		5150.000	0.831	58.300	59.131	-14.869	74.000	PEAK

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 : 2013/01/08 - 14:38**
Limit : FCC_SpartE_15.407_H_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : 5180MHz_802.11n(20M)**

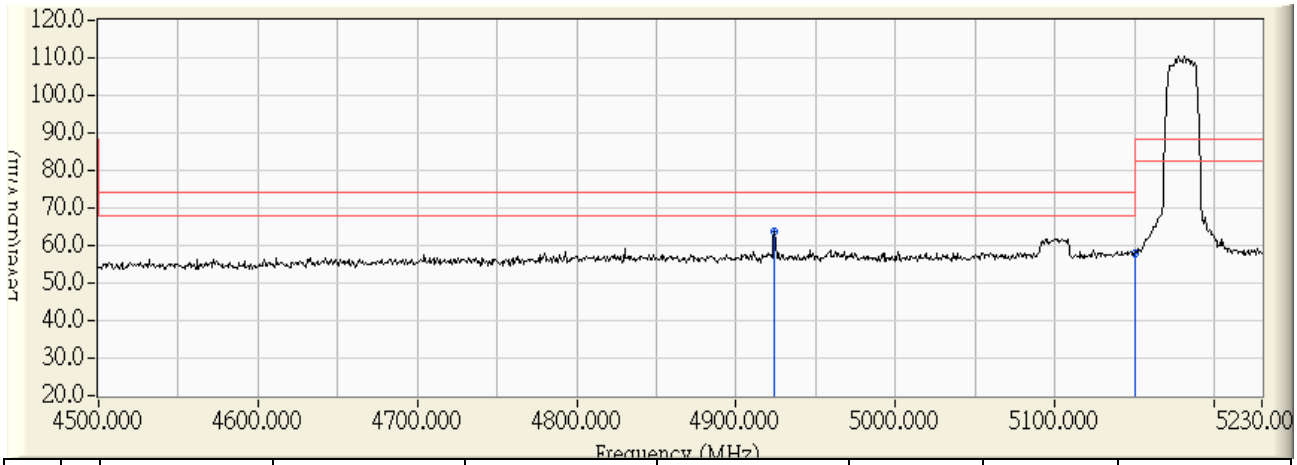


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5101.520	0.452	51.381	51.833	-2.167	54.000	AVERAGE
2		5150.000	0.831	45.957	46.788	-7.212	54.000	AVERAGE

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 : 2013/01/08 - 14:45**
Limit : FCC_SpartE_15.407_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : 5180MHz_802.11n(20M)**

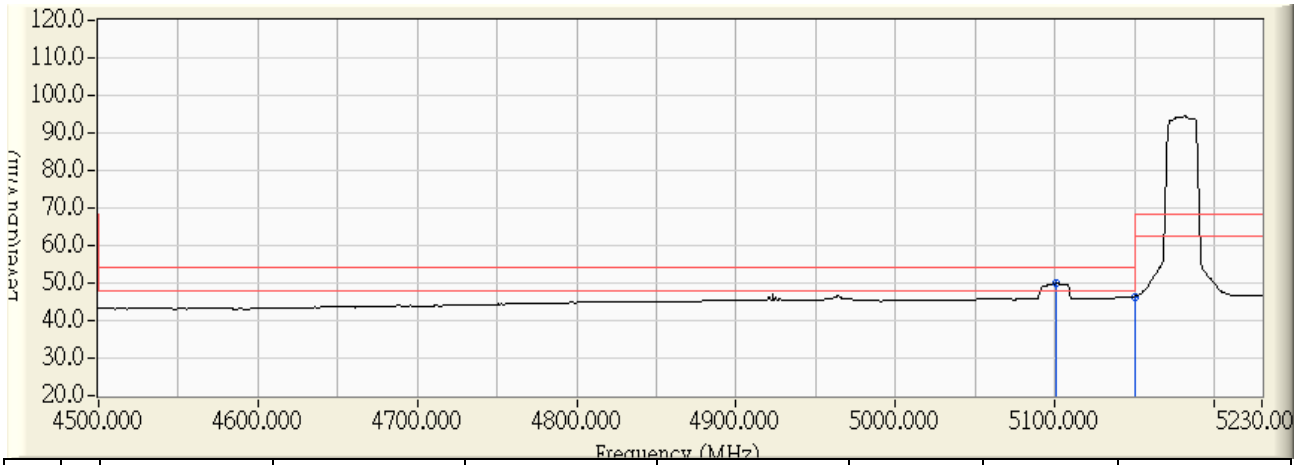


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4924.130	-0.541	64.210	63.670	-10.330	74.000	PEAK
2		5150.000	0.831	57.024	57.855	-16.145	74.000	PEAK

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 : 2013/01/08 - 14:44**
Limit : FCC_SpartE_15.407_H_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : 5180MHz_802.11n(20M)**

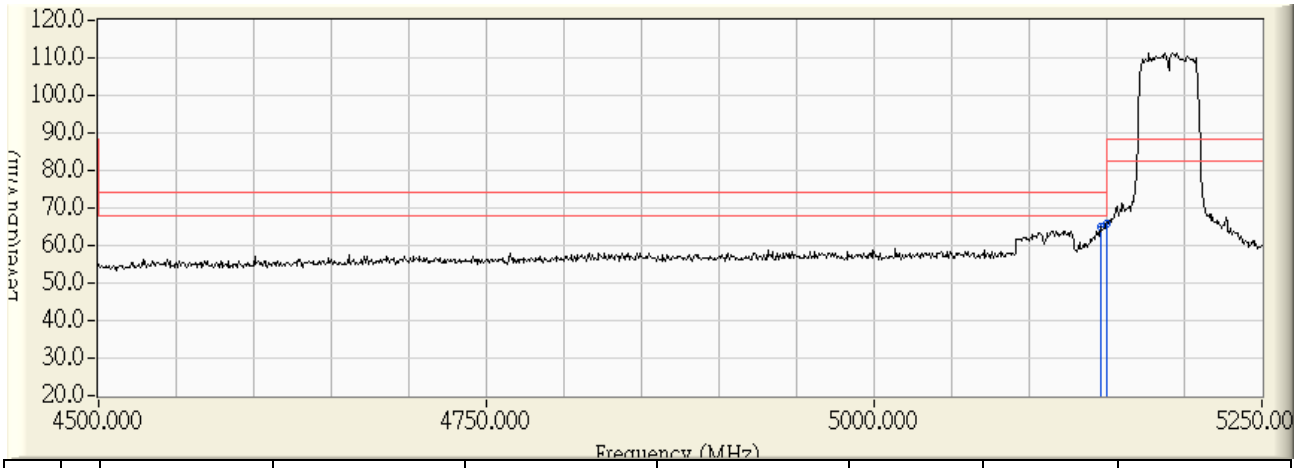


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5100.790	0.446	49.580	50.026	-3.974	54.000	AVERAGE
2		5150.000	0.831	45.615	46.446	-7.554	54.000	AVERAGE

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.

Engineer :	
Site : CB1	**Time : 2013/01/08 - 13:40**
Limit : FCC_SpartE_15.407_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : 5190MHz_802.11n(40M)**

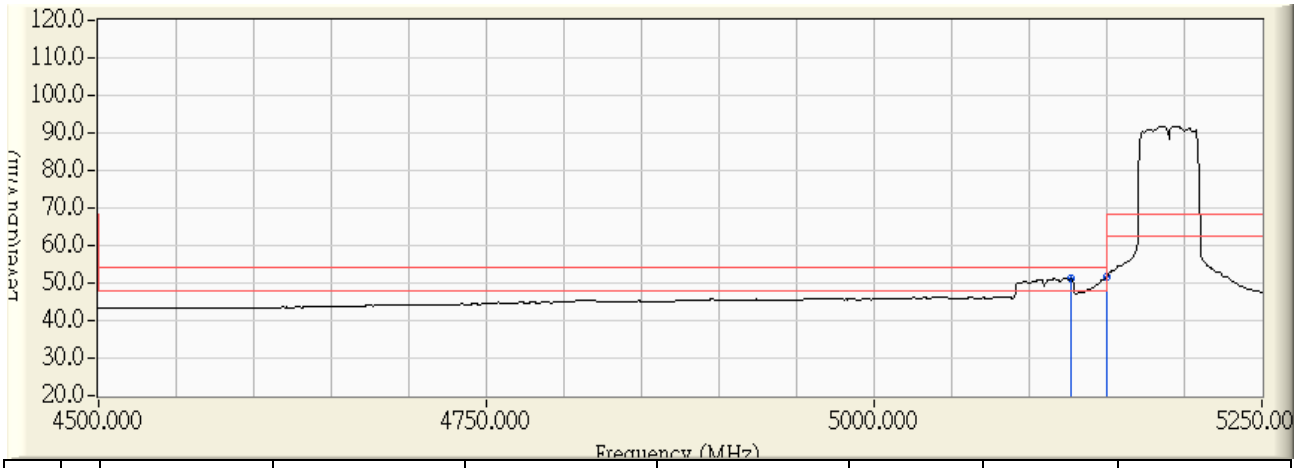


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5145.750	0.798	64.297	65.095	-8.905	74.000	PEAK
2	*	5150.000	0.831	65.132	65.963	-8.037	74.000	PEAK

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.

Engineer :	
Site : CB1	**Time : 2013/01/08 - 13:39**
Limit : FCC_SpartE_15.407_H_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : 5190MHz_802.11n(40M)**

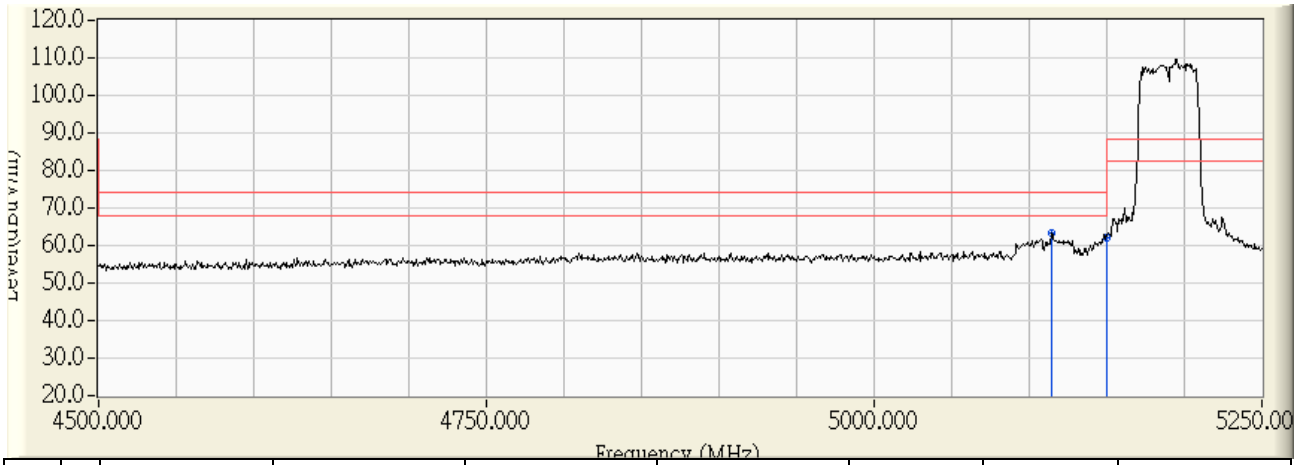


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5127.000	0.652	50.417	51.068	-2.932	54.000	AVERAGE
2	*	5150.000	0.831	50.724	51.555	-2.445	54.000	AVERAGE

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 : 2013/01/08 - 14:06**
Limit : FCC_SpartE_15.407_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : 5190MHz_802.11n(40M)**

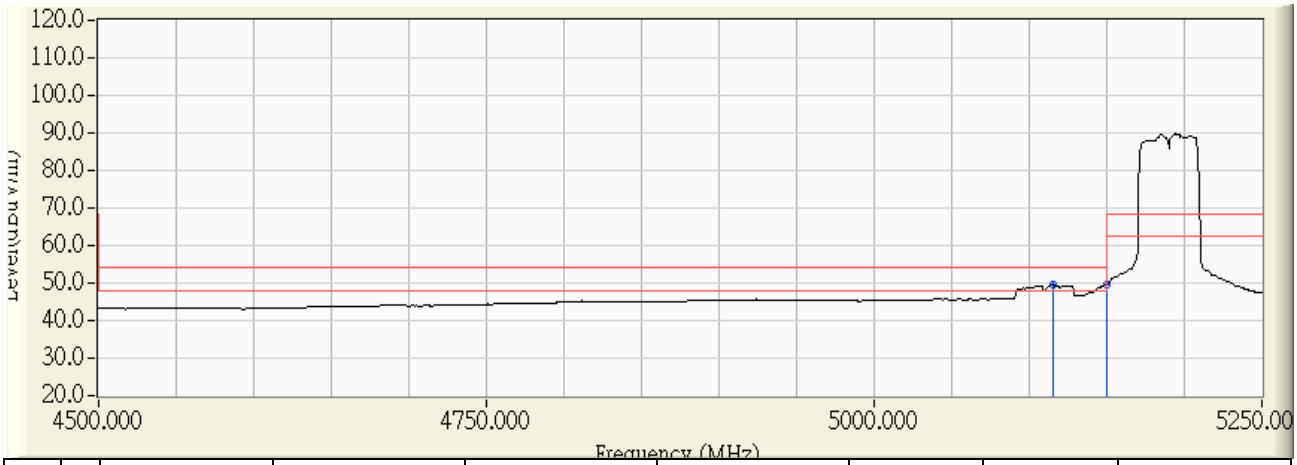


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5114.250	0.551	62.638	63.189	-10.811	74.000	PEAK
2		5150.000	0.831	61.294	62.125	-11.875	74.000	PEAK

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 : 2013/01/08 - 14:06**
Limit : FCC_SpartE_15.407_H_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : 5190MHz_802.11n(40M)**

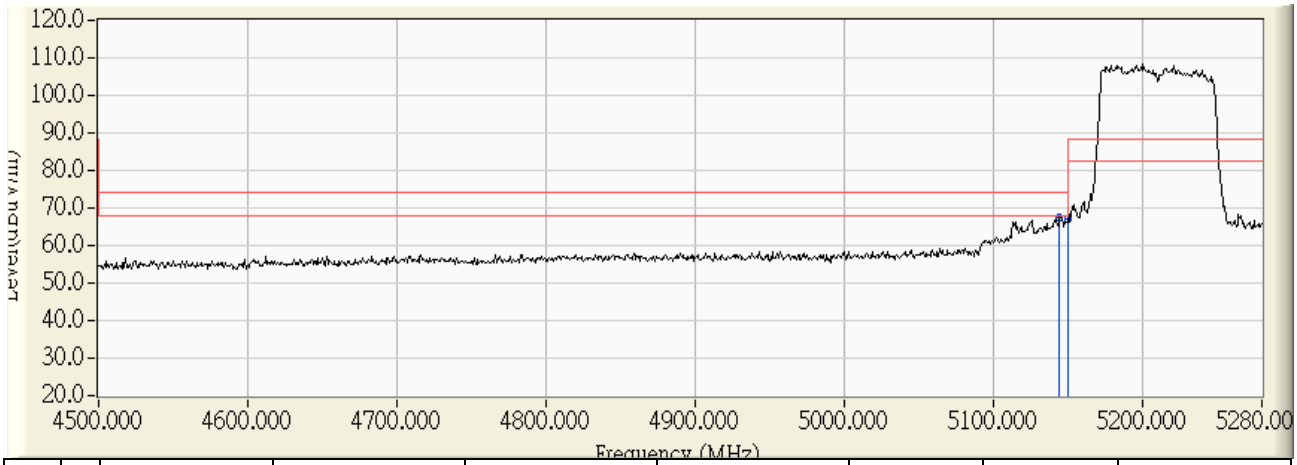


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5115.000	0.557	48.942	49.499	-4.501	54.000	AVERAGE
2	*	5150.000	0.831	48.945	49.776	-4.224	54.000	AVERAGE

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 : 2013/01/08 - 14:19**
Limit : FCC_SpartE_15.407_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : 5210MHz_802.11ac(80M)**

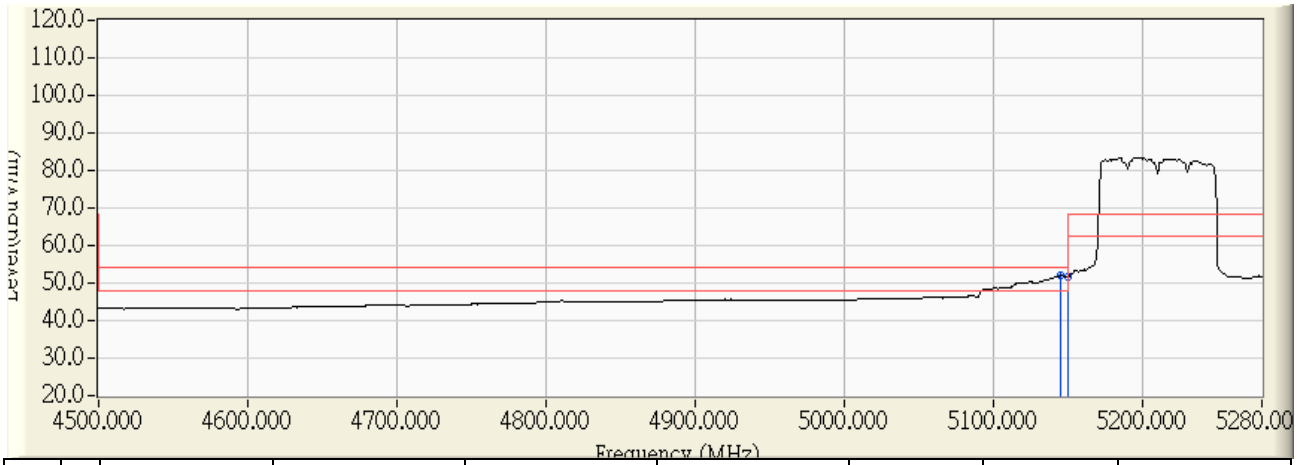


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5144.280	0.786	66.589	67.375	-6.625	74.000	PEAK
2		5150.000	0.831	66.157	66.988	-7.012	74.000	PEAK

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 : 2013/01/08 - 14:18**
Limit : FCC_SpartE_15.407_H_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : 5210MHz_802.11ac(80M)**

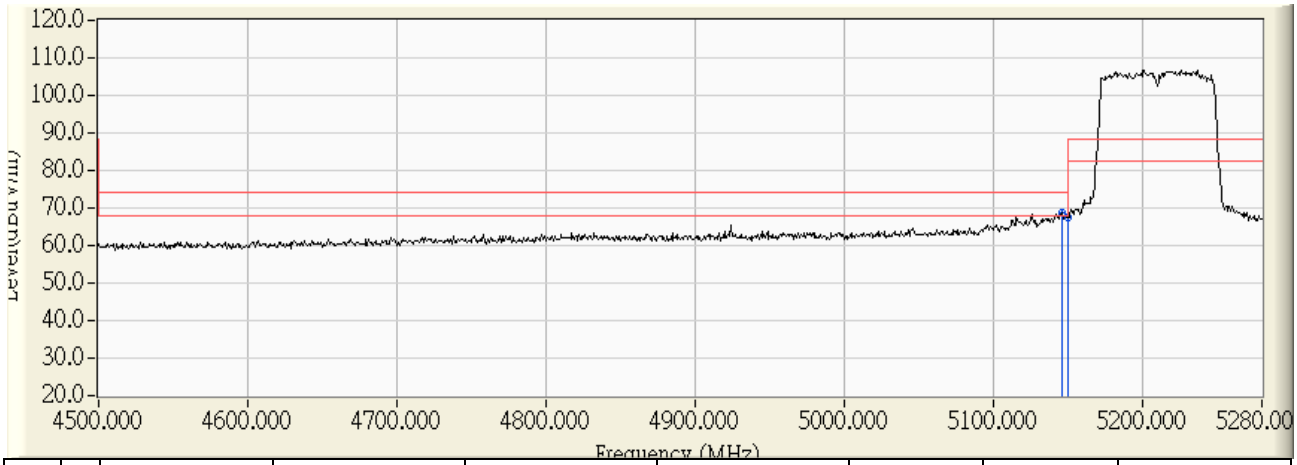


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5145.060	0.792	51.187	51.979	-2.021	54.000	AVERAGE
2		5150.000	0.831	51.038	51.869	-2.131	54.000	AVERAGE

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 : 2013/01/08 - 14:23**
Limit : FCC_SpartE_15.407_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : 5210MHz_802.11ac(80M)**

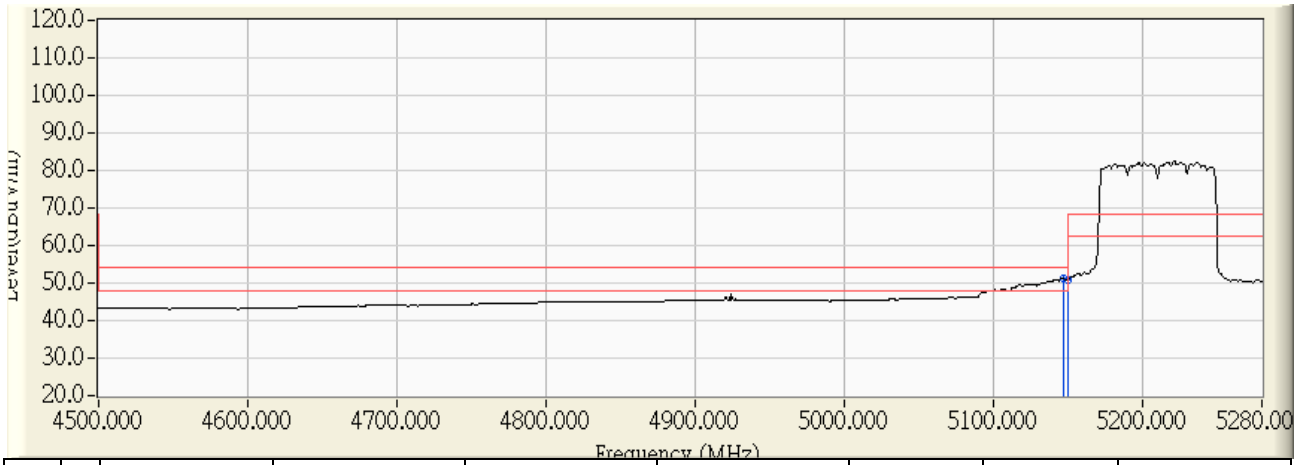


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5145.840	0.798	67.805	68.603	-5.397	74.000	PEAK
2		5150.000	0.831	66.711	67.542	-6.458	74.000	PEAK

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 : 2013/01/08 - 14:26**
Limit : FCC_SpartE_15.407_H_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Dual-band Wireless-AC1200 Gigabit Router	**Note : 5210MHz_802.11ac(80M)**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5146.620	0.805	50.433	51.237	-2.763	54.000	AVERAGE
2		5150.000	0.831	50.174	51.005	-2.995	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.

9. Frequency Stability

9.1. Test Equipment

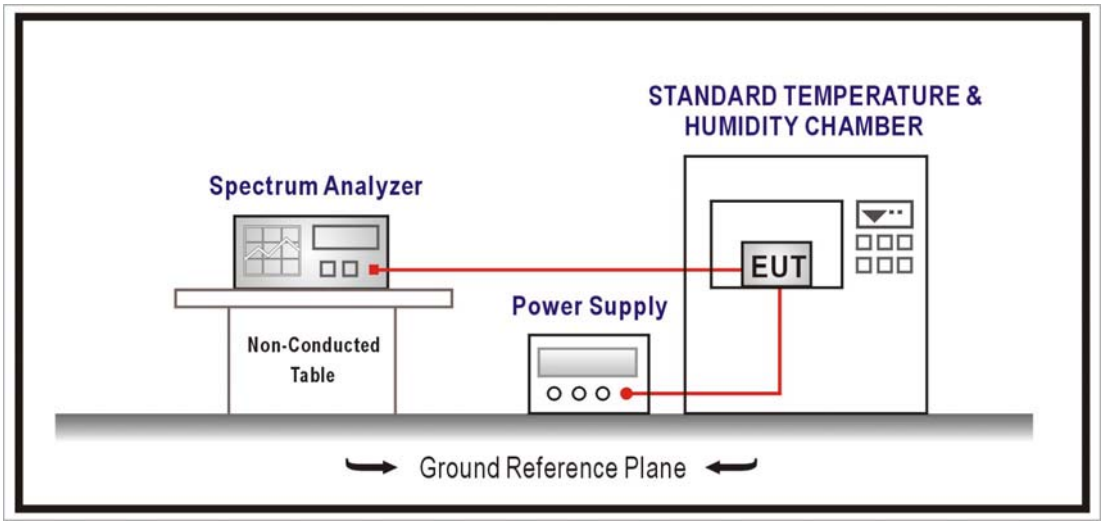
The following test equipments are used during the radiated emission tests:

Frequency Stability / SR7

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	R&S	FSP40	100005	2014/02/03
Standard Temperature & Humidity Chamber	WIT	TH-1S-B	1082101	2014/01/27

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

9.2. Test Setup



9.3. 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

9.4. Test Procedure

The EUT was setup to ANSI C63.4, 2009; tested to DTS test procedure of Aug 2002 DA 02-2138 for compliance to FCC 47CFR Subpart E requirements.

9.5. Uncertainty

The measurement uncertainty is defined as ± 150 Hz

9.6. Test Result

Product	Dual-band Wireless-AC1200 Gigabit Router		
Test Item	Frequency Stability		
Test Mode	Transmit - 802.11a - 5180MHz(ANT 0)		
Date of Test	2013/02/25	Test Site	SR7

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5180.6990	134.9386	PASS
-10		5180.0614	11.8440	PASS
0		5180.2202	42.5141	PASS
10		5180.8550	165.0532	PASS
20		5180.2919	56.3434	PASS
30		5180.6753	130.3740	PASS
40		5180.8213	158.5485	PASS
50		5180.3312	63.9455	PASS

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5180.2776	53.5892	PASS
	120	5180.7686	148.3798	PASS
	138	5180.8993	173.6062	PASS

Product	Dual-band Wireless-AC1200 Gigabit Router		
Test Item	Frequency Stability		
Test Mode	Transmit - 802.11a - 5240MHz(ANT 0)		
Date of Test	2013/02/25	Test Site	SR7

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5240.5188	99.0050	PASS
-10		5240.0269	5.1297	PASS
0		5240.0044	0.8395	PASS
10		5240.4851	92.5818	PASS
20		5240.2975	56.7752	PASS
30		5240.3202	61.0981	PASS
40		5240.6553	125.0524	PASS
50		5240.5866	111.9465	PASS

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5240.4870	92.9300	PASS
	120	5240.6887	131.4371	PASS
	138	5240.2392	45.6394	PASS

Product	Dual-band Wireless-AC1200 Gigabit Router		
Test Item	Frequency Stability		
Test Mode	Transmit - 802.11n_20M - 5180MHz(ANT 0)		
Date of Test	2013/02/25	Test Site	SR7

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5180.8087	156.1236	PASS
-10		5180.3885	74.9983	PASS
0		5180.5909	114.0691	PASS
10		5180.8110	156.5675	PASS
20		5180.1629	31.4394	PASS
30		5180.1181	22.7905	PASS
40		5180.6038	116.5549	PASS
50		5180.3162	61.0489	PASS

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5180.2669	51.5332	PASS
	120	5180.5738	110.7682	PASS
	138	5180.7917	152.8356	PASS

Product	Dual-band Wireless-AC1200 Gigabit Router		
Test Item	Frequency Stability		
Test Mode	Transmit - 802.11n_20M - 5240MHz(ANT 0)		
Date of Test	2013/02/25	Test Site	SR7

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5240.5302	101.1811	PASS
-10		5240.3140	59.9230	PASS
0		5240.4344	82.8992	PASS
10		5240.0302	5.7592	PASS
20		5240.4567	87.1481	PASS
30		5240.0464	8.8575	PASS
40		5240.0765	14.5995	PASS
50		5240.7154	136.5264	PASS

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5240.3729	71.1671	PASS
	120	5240.3764	71.8347	PASS
	138	5240.2639	50.3534	PASS

Product	Dual-band Wireless-AC1200 Gigabit Router		
Test Item	Frequency Stability		
Test Mode	Transmit - 802.11n_20M - 5180MHz(ANT 1)		
Date of Test	2013/02/25	Test Site	SR7

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5180.0402	7.7555	PASS
-10		5180.3571	68.9462	PASS
0		5180.5169	99.7816	PASS
10		5180.0971	18.7386	PASS
20		5180.5331	102.9071	PASS
30		5180.3224	62.2378	PASS
40		5180.1706	32.9289	PASS
50		5180.0089	1.7229	PASS

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5180.4783	92.3322	PASS
	120	5180.6378	123.1353	PASS
	138	5180.2945	56.8617	PASS

Product	Dual-band Wireless-AC1200 Gigabit Router		
Test Item	Frequency Stability		
Test Mode	Transmit - 802.11n_20M - 5240MHz(ANT 1)		
Date of Test	2013/02/25	Test Site	SR7

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5240.5324	101.5961	PASS
-10		5240.3731	71.1986	PASS
0		5240.3578	68.2845	PASS
10		5240.3733	71.2339	PASS
20		5240.0596	11.3688	PASS
30		5240.1982	37.8338	PASS
40		5240.4743	90.5071	PASS
50		5240.5409	103.2290	PASS

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5240.2871	54.7881	PASS
	120	5240.4274	81.5694	PASS
	138	5240.3030	57.8179	PASS

Product	Dual-band Wireless-AC1200 Gigabit Router		
Test Item	Frequency Stability		
Test Mode	Transmit - 802.11n_40M - 5190MHz(ANT 0)		
Date of Test	2013/02/25	Test Site	SR7

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5190.6654	128.2148	PASS
-10		5190.2854	54.9827	PASS
0		5190.6347	122.2984	PASS
10		5190.0499	9.6085	PASS
20		5190.7740	149.1295	PASS
30		5190.1673	32.2318	PASS
40		5190.4187	80.6712	PASS
50		5190.5709	110.0055	PASS

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5190.3848	74.1379	PASS
	120	5190.2749	52.9603	PASS
	138	5190.4653	89.6564	PASS

Product	Dual-band Wireless-AC1200 Gigabit Router		
Test Item	Frequency Stability		
Test Mode	Transmit - 802.11n_40M - 5230MHz(ANT 0)		
Date of Test	2013/02/25	Test Site	SR7

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5230.5214	99.6983	PASS
-10		5230.7883	150.7267	PASS
0		5230.8247	157.6841	PASS
10		5230.7235	138.3271	PASS
20		5230.6904	132.0108	PASS
30		5230.8091	154.7082	PASS
40		5230.4920	94.0689	PASS
50		5230.0323	6.1824	PASS

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5230.5303	101.4043	PASS
	120	5230.7275	139.1077	PASS
	138	5230.0892	17.0637	PASS

Product	Dual-band Wireless-AC1200 Gigabit Router		
Test Item	Frequency Stability		
Test Mode	Transmit - 802.11n_40M - 5190MHz(ANT 1)		
Date of Test	2013/02/25	Test Site	SR7

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5190.2924	56.3449	PASS
-10		5190.7647	147.3336	PASS
0		5190.8994	173.2889	PASS
10		5190.1487	28.6465	PASS
20		5190.6440	124.0796	PASS
30		5190.5963	114.8983	PASS
40		5190.0568	10.9386	PASS
50		5190.8692	167.4763	PASS

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5190.3445	66.3813	PASS
	120	5190.8237	158.7031	PASS
	138	5190.6583	126.8348	PASS

Product	Dual-band Wireless-AC1200 Gigabit Router		
Test Item	Frequency Stability		
Test Mode	Transmit - 802.11n_40M - 5230MHz(ANT 1)		
Date of Test	2013/02/25	Test Site	SR7

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5230.2658	50.8291	PASS
-10		5230.8237	157.4878	PASS
0		5230.1693	32.3716	PASS
10		5230.6187	118.2933	PASS
20		5230.2886	55.1857	PASS
30		5230.6401	122.3953	PASS
40		5230.3840	73.4220	PASS
50		5230.4264	81.5316	PASS

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5230.4848	92.6865	PASS
	120	5230.7607	145.4409	PASS
	138	5230.5918	113.1457	PASS

Product	Dual-band Wireless-AC1200 Gigabit Router		
Test Item	Frequency Stability		
Test Mode	Transmit - 802.11ac_80M -5210MHz(ANT0)		
Date of Test	2013/02/25	Test Site	SR7

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5210.7285	139.8359	PASS
-10		5210.6531	125.3569	PASS
0		5210.0793	15.2148	PASS
10		5210.1931	37.0614	PASS
20		5210.2275	43.6629	PASS
30		5210.5090	97.7018	PASS
40		5210.7403	142.0864	PASS
50		5210.1848	35.4717	PASS

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5210.7001	134.3753	PASS
	120	5210.7848	150.6394	PASS
	138	5210.4185	80.3228	PASS

Product	Dual-band Wireless-AC1200 Gigabit Router		
Test Item	Frequency Stability		
Test Mode	Transmit - 802.11ac_80M -5210MHz(ANT1)		
Date of Test	2013/02/25	Test Site	SR7

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5210.6717	128.9226	PASS
-10		5210.8098	155.4278	PASS
0		5210.6292	120.7670	PASS
10		5210.1224	23.4989	PASS
20		5210.1662	31.9074	PASS
30		5210.2093	40.1687	PASS
40		5210.8187	157.1355	PASS
50		5210.7078	135.8622	PASS

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5210.0959	18.4078	PASS
	120	5210.3052	58.5874	PASS
	138	5210.0556	10.6749	PASS