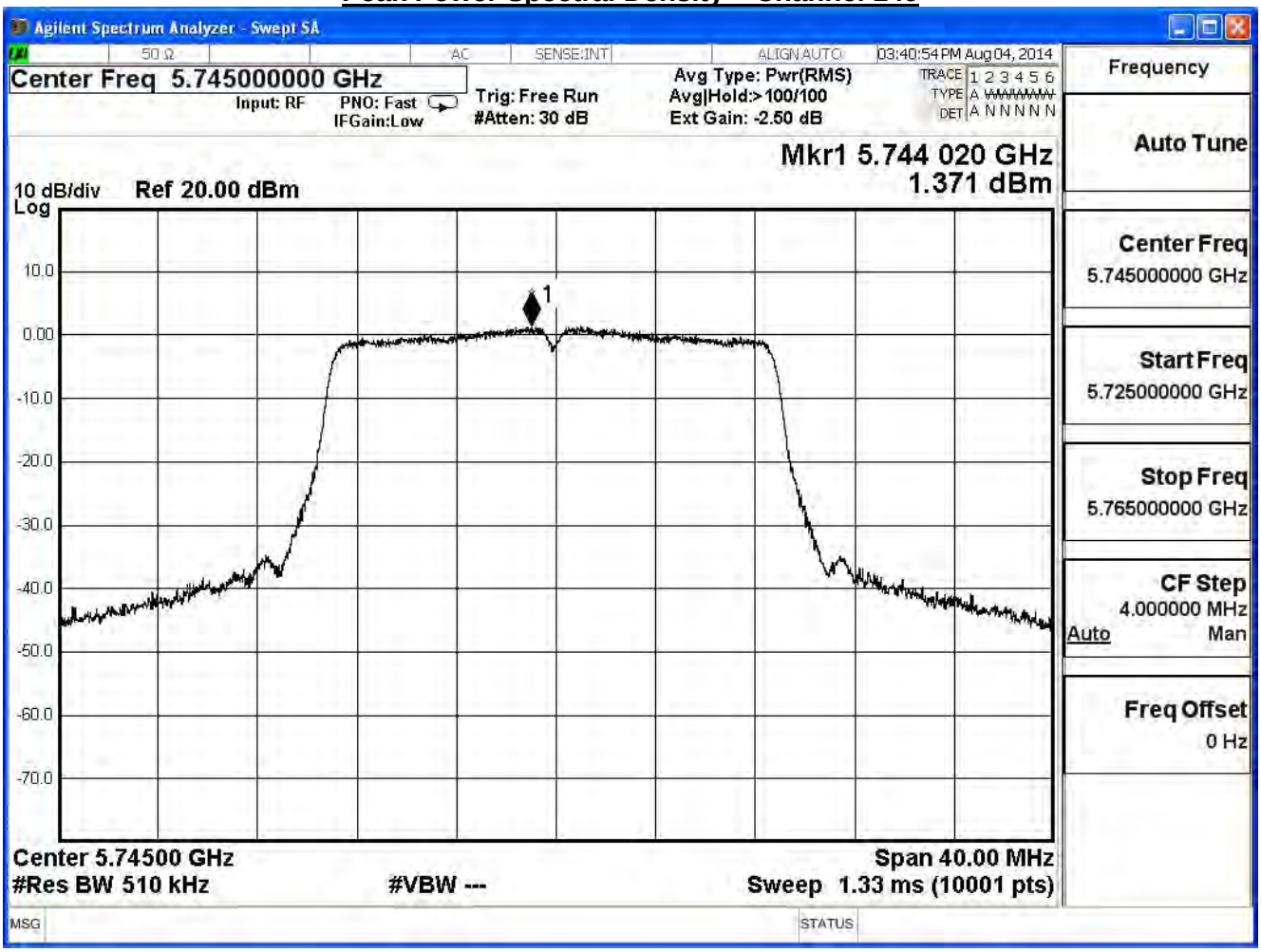
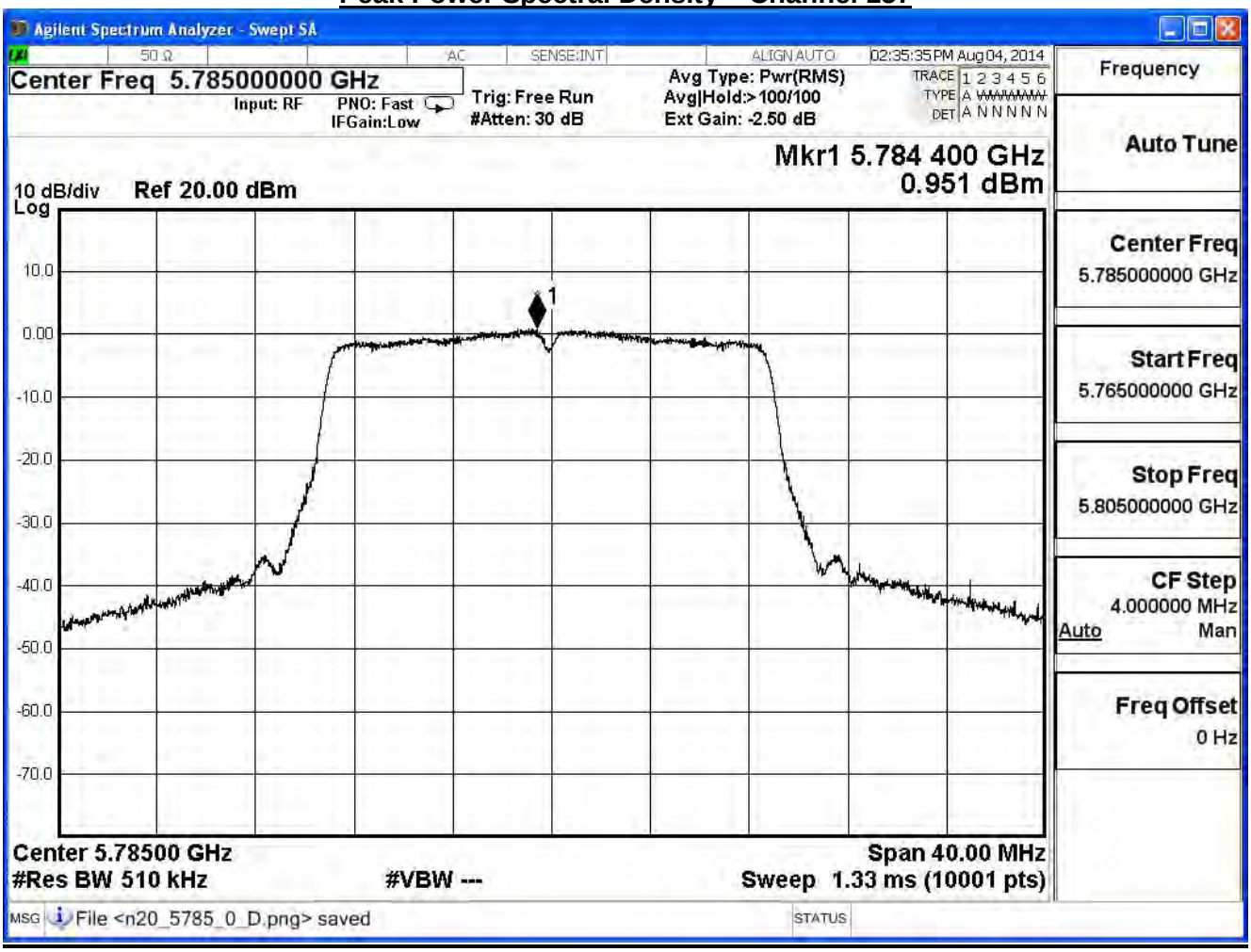
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 2: Transmit (MIMO Mode)		
Date of Test	2014/08/04	Test Site	SR7

IEEE 802.11n_20M(ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)	Result
149	5745	1.371	≦30	Pass
157	5785	0.951	≦30	Pass
165	5825	0.940	≦30	Pass

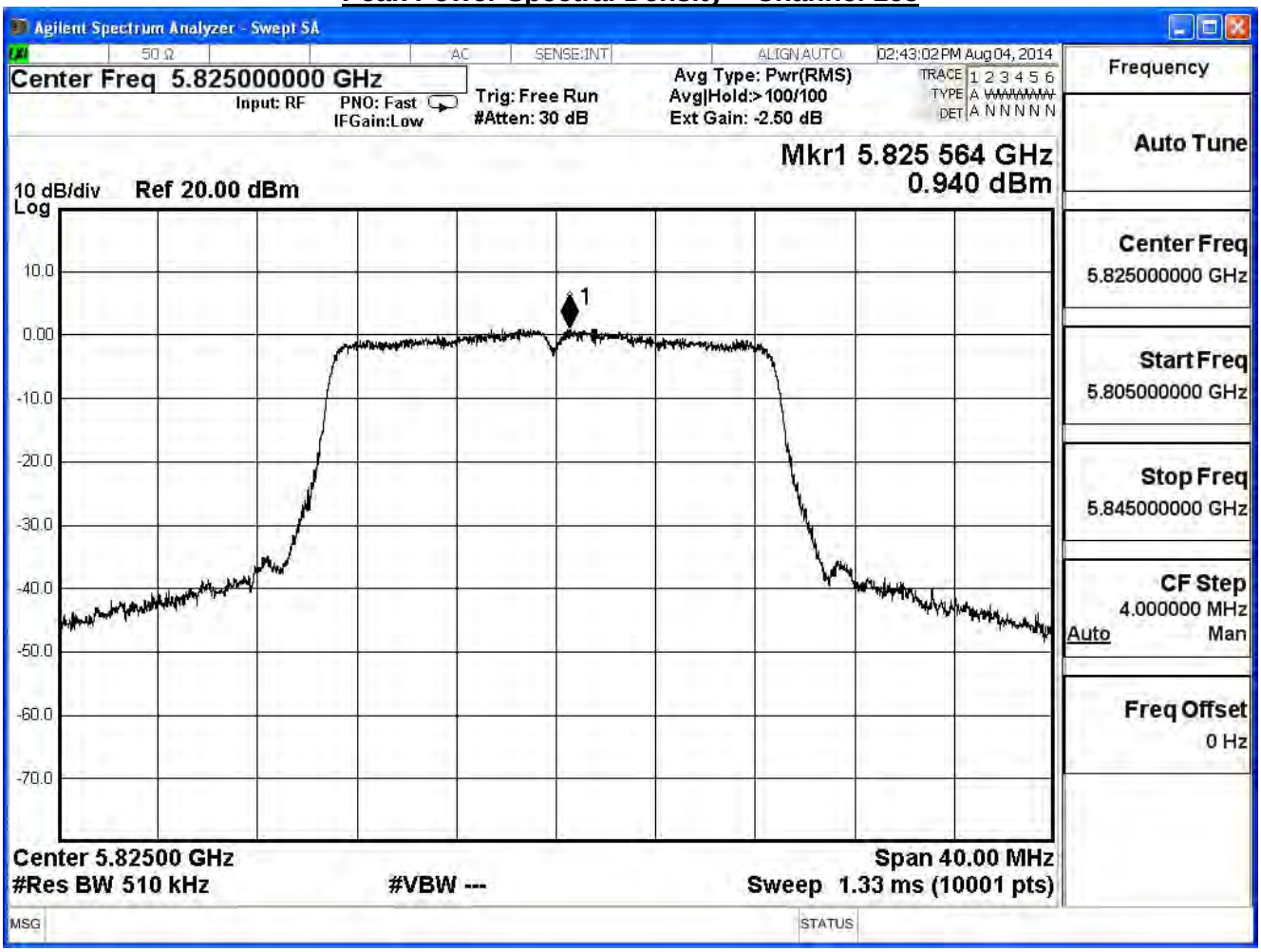
Peak Power Spectral Density – Channel 149



Peak Power Spectral Density – Channel 157



Peak Power Spectral Density – Channel 165



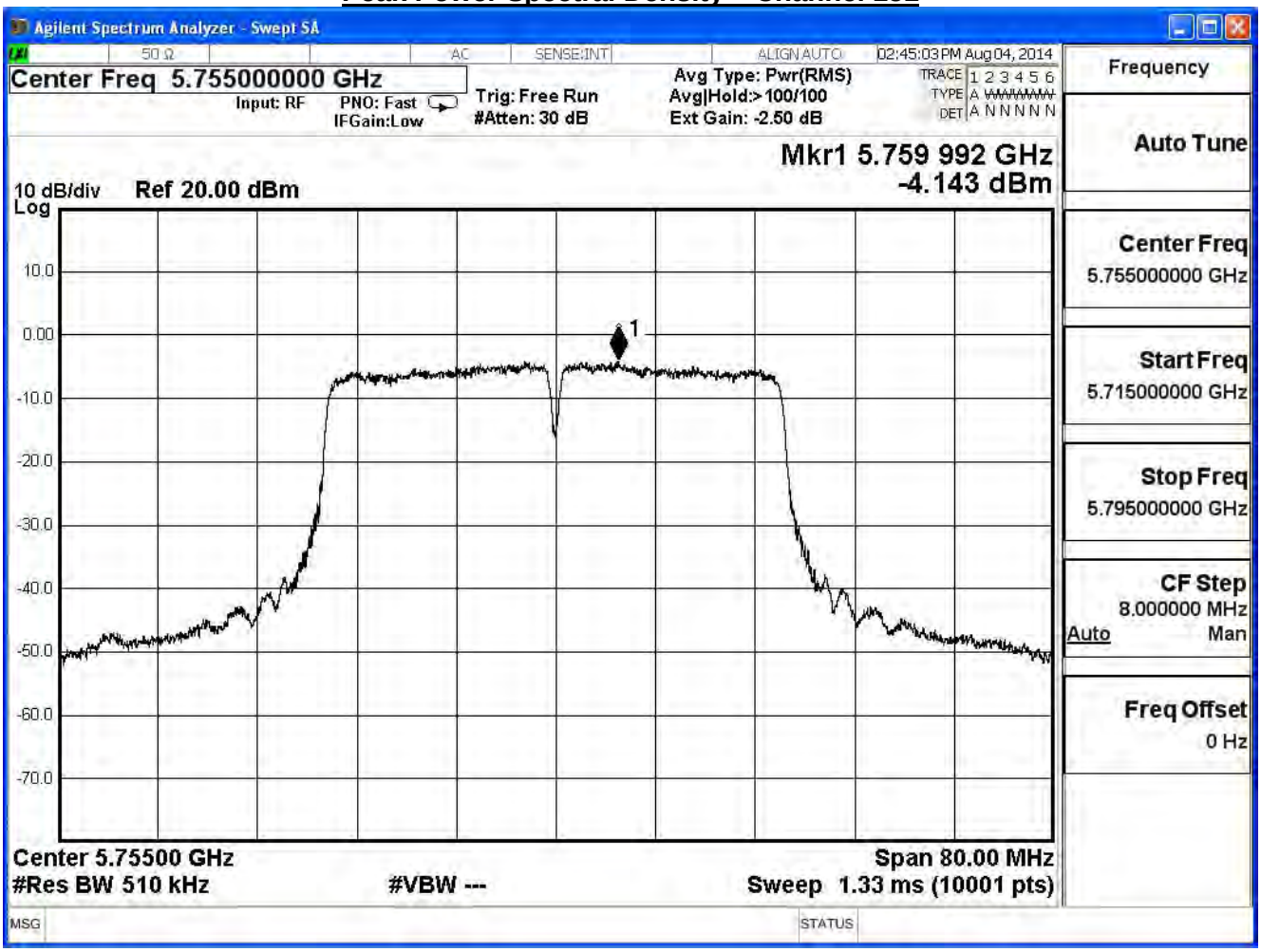
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 2: Transmit (MIMO Mode)		
Date of Test	2014/08/04	Test Site	SR7

IEEE 802.11n_20M(ANT 0+1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)	Result
149	5745	1.258	≦30	Pass
157	5785	3.939	≦30	Pass
165	5825	3.963	≦30	Pass

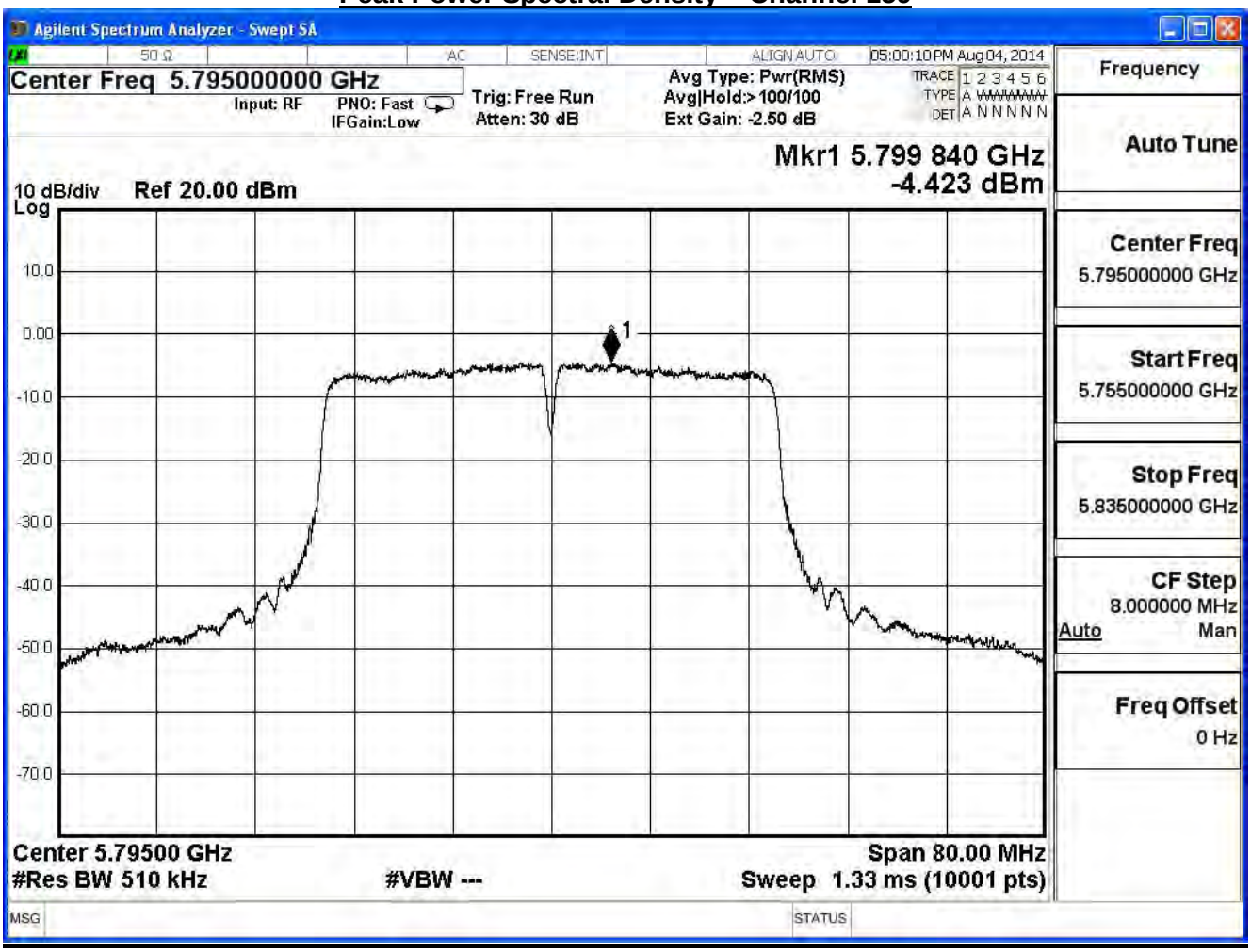
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 2: Transmit (MIMO Mode)		
Date of Test	2014/08/04	Test Site	SR7

IEEE 802.11n_40M(ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)	Result
151	5755	-4.143	≦30	Pass
159	5795	-4.423	≦30	Pass

Peak Power Spectral Density – Channel 151



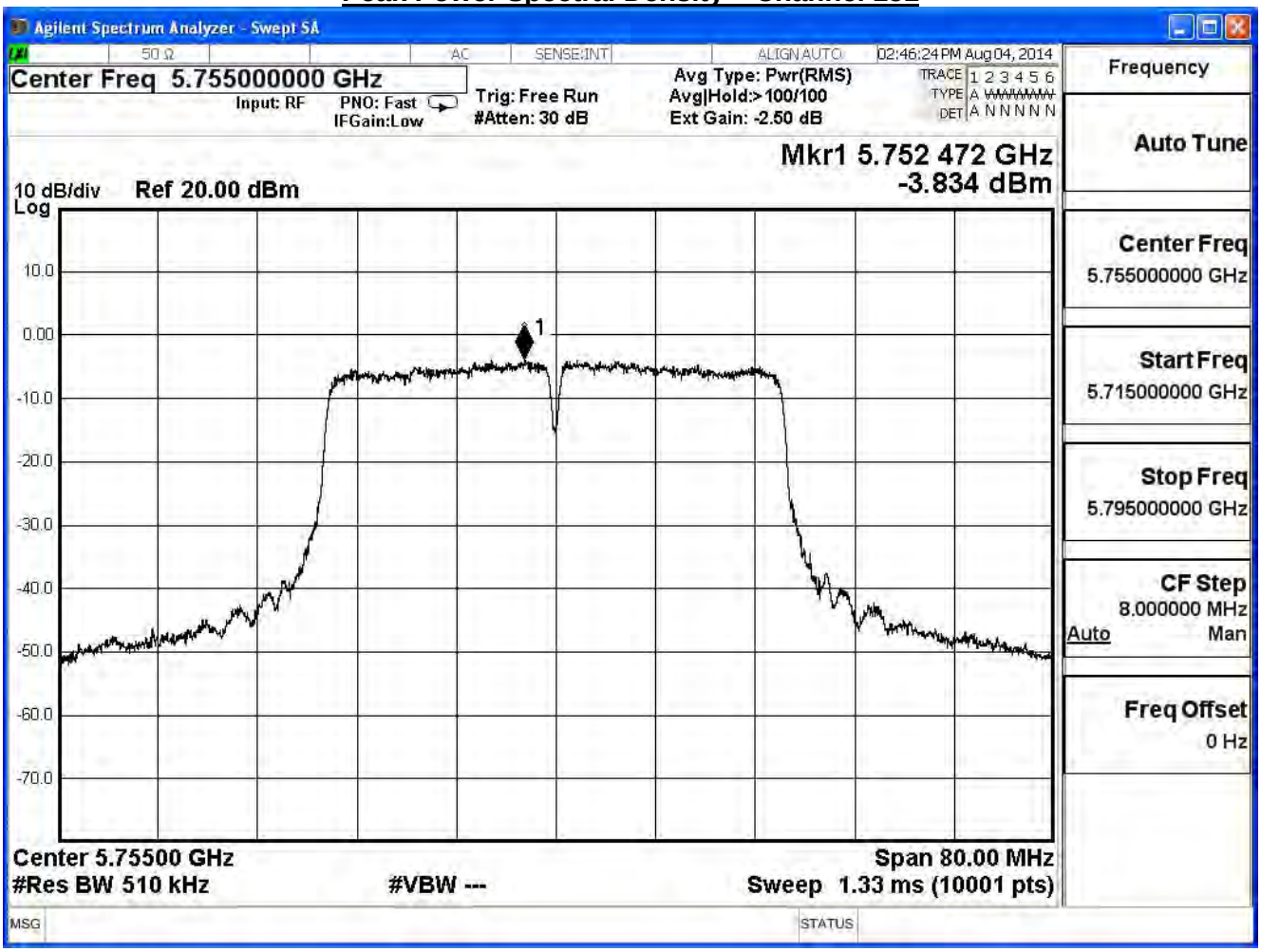
Peak Power Spectral Density – Channel 159



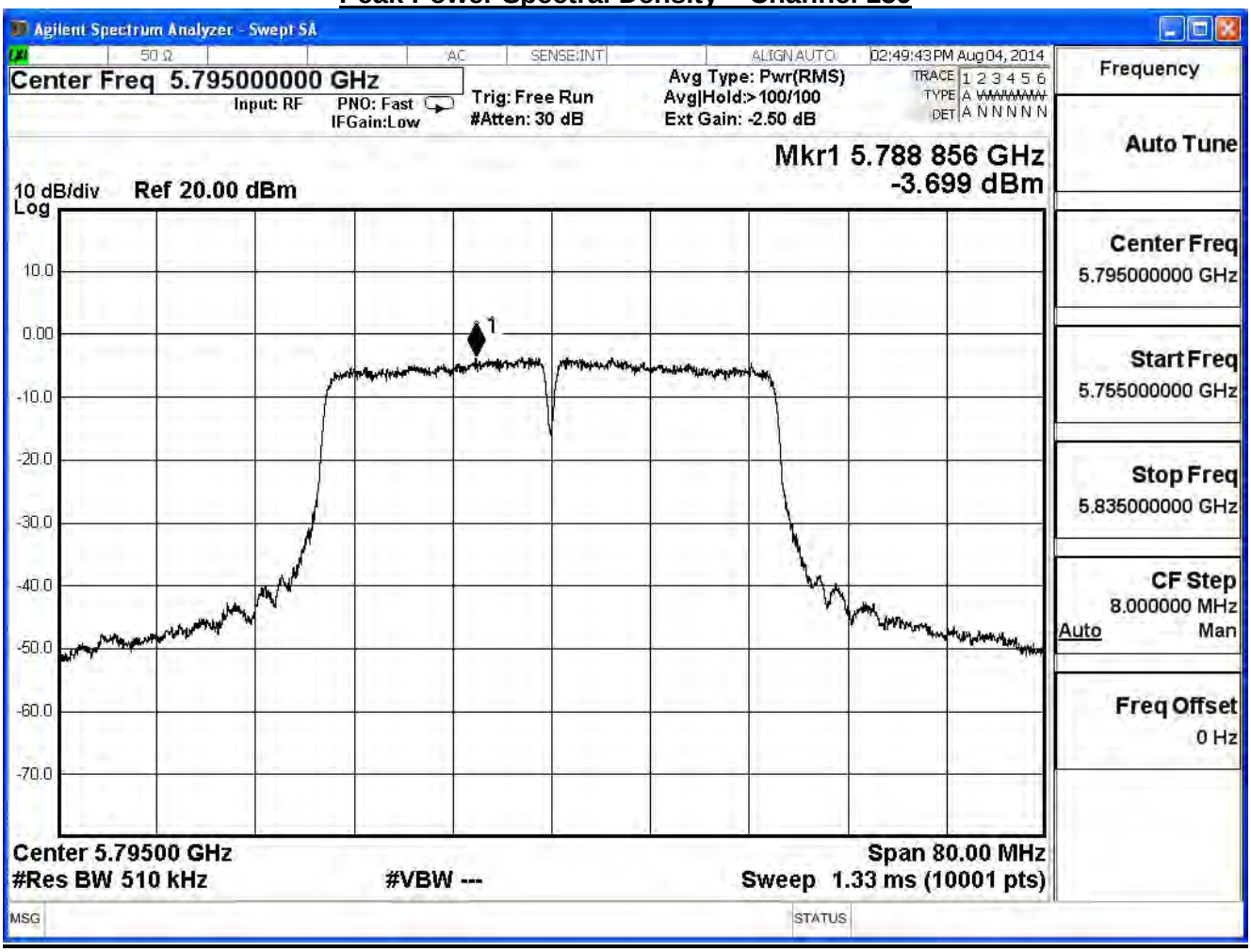
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 2: Transmit (MIMO Mode)		
Date of Test	2014/08/04	Test Site	SR7

IEEE 802.11n_40M(ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)	Result
151	5755	-3.834	≦30	Pass
159	5795	-3.699	≦30	Pass

Peak Power Spectral Density – Channel 151



Peak Power Spectral Density – Channel 159



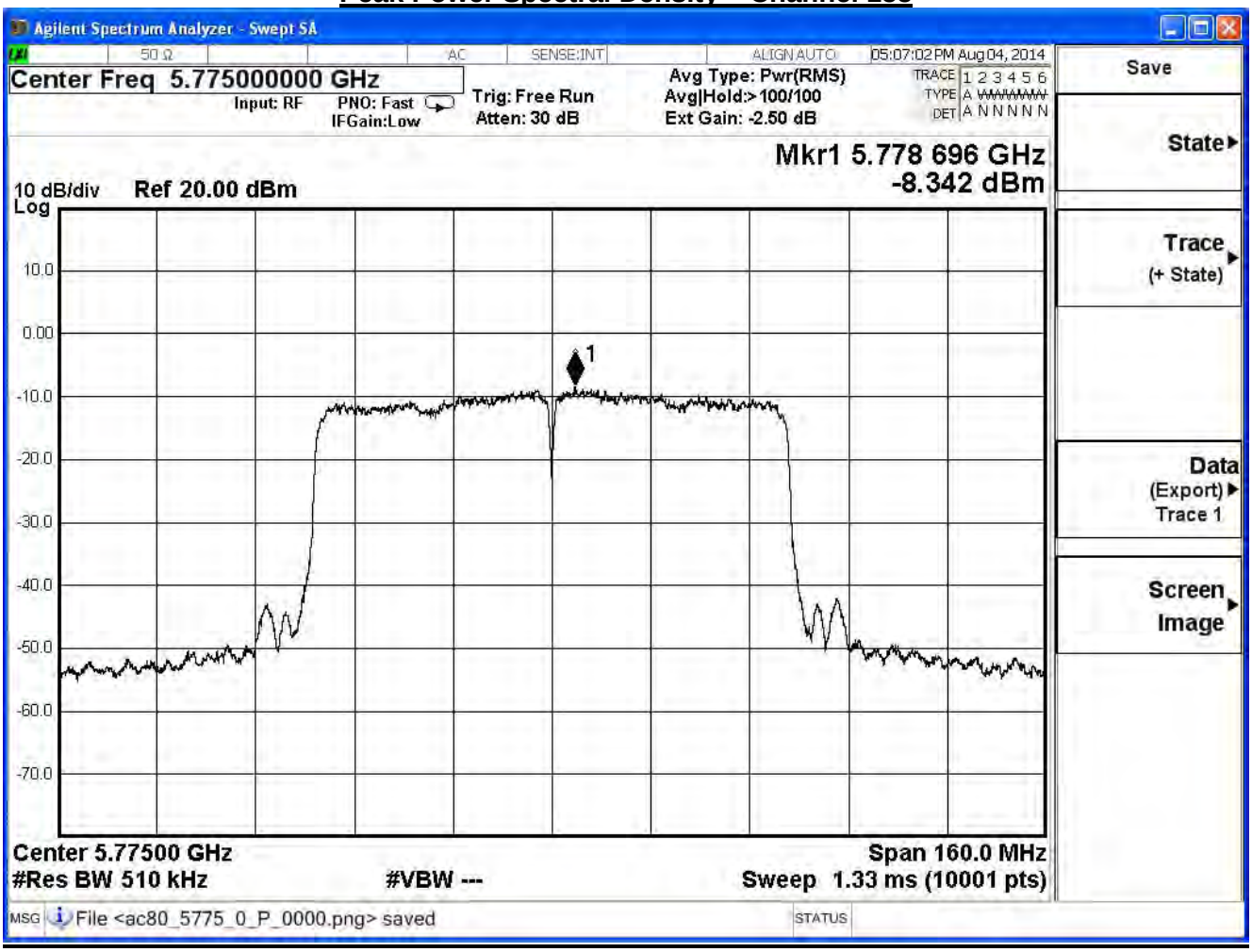
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 2: Transmit (MIMO Mode)		
Date of Test	2014/08/04	Test Site	SR7

IEEE 802.11n_40M(ANT 0+1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)	Result
151	5755	-0.975	≦30	Pass
159	5795	-1.036	≦30	Pass

Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 2: Transmit (MIMO Mode)		
Date of Test	2014/08/04	Test Site	SR7

IEEE 802.11ac_80M(ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)	Result
155	5775	-8.342	≦30	Pass

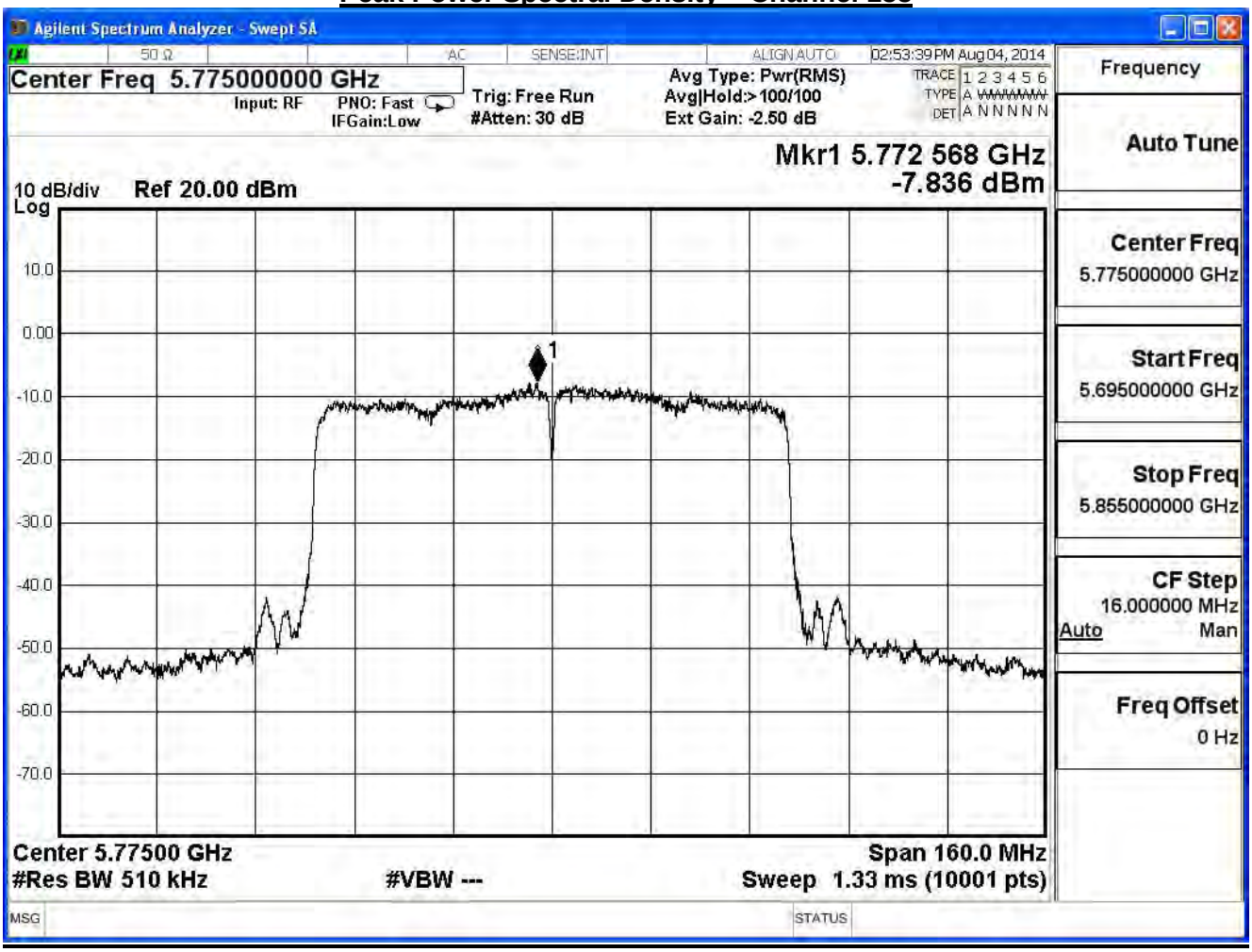
Peak Power Spectral Density – Channel 155



Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 2: Transmit (MIMO Mode)		
Date of Test	2014/08/04	Test Site	SR7

IEEE 802.11ac_80M(ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)	Result
155	5775	-7.836	≦30	Pass

Peak Power Spectral Density – Channel 155



Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 2: Transmit (MIMO Mode)		
Date of Test	2014/08/04	Test Site	SR7

IEEE 802.11ac_80M(ANT 0+1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)	Result
155	5775	-5.071	≦30	Pass

6. Radiated Emission

6.1. Test Equipment

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

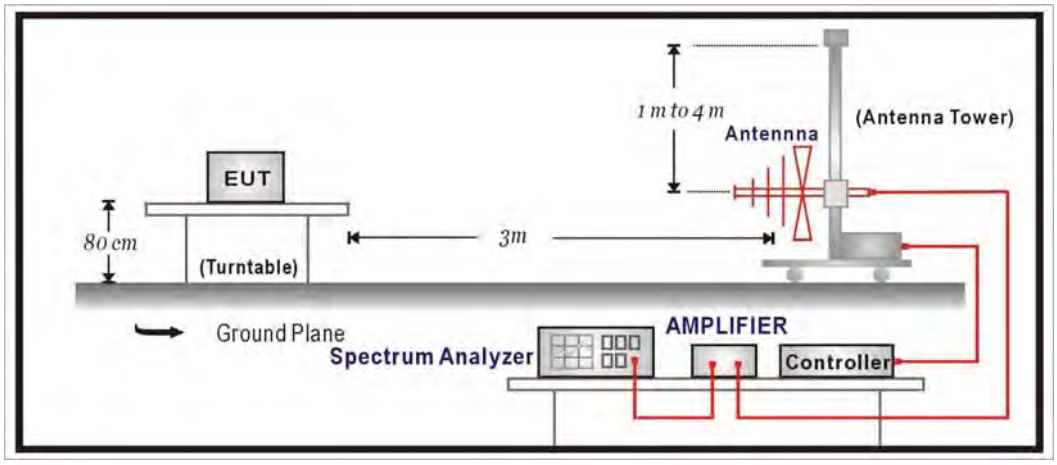
Radiated Emission / CB1

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

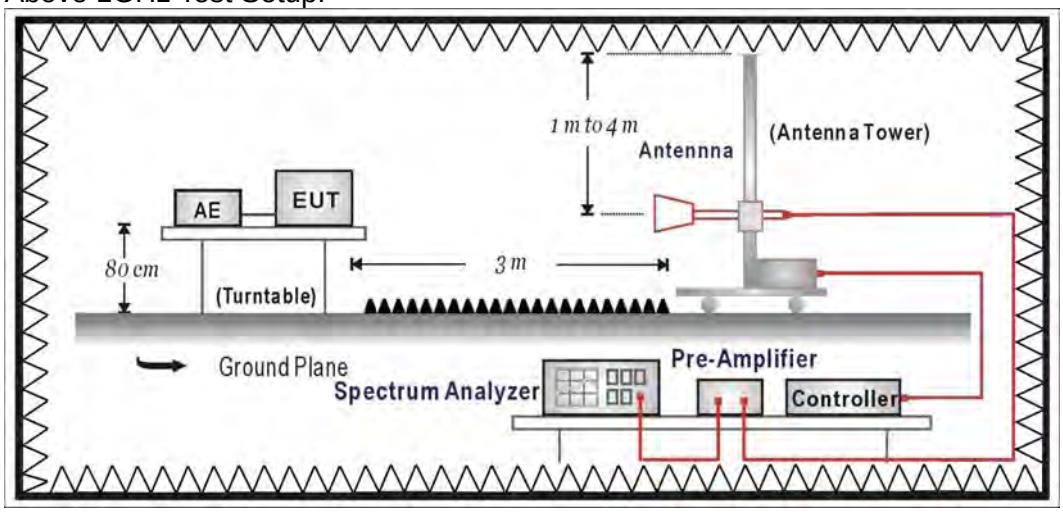
Note: 1. All equipments that need to calibrate are with calibration period of 1 year.

6.2. Test Setup

Under 1GHz Test Setup:



Above 1GHz Test Setup:



6.3. Limits

➢ General Radiated Emission Limits

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

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

Remark:

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

➢ Unwanted Emission out of the restricted bands Limits

FCC Part 15 Subpart E 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
5725~5850	-27 (Note1)	68.3
	-17 (Note2)	78.3

Remark:

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

6.4. Test Procedure

The EUT and its simulators are placed on a turn table which is 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.
The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.
Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.10:2013 on radiated measurement.
The additional latch filter below 1GHz was used to measure the level of harmonics radiated emission during field dtrength of harmonics measurement.
The bandwidth below 1GHz setting on the field strength meter is 120 KHz, above 1GHz are 1 MHz.
The frequency range from 30MHz to 10th harminics is checked.

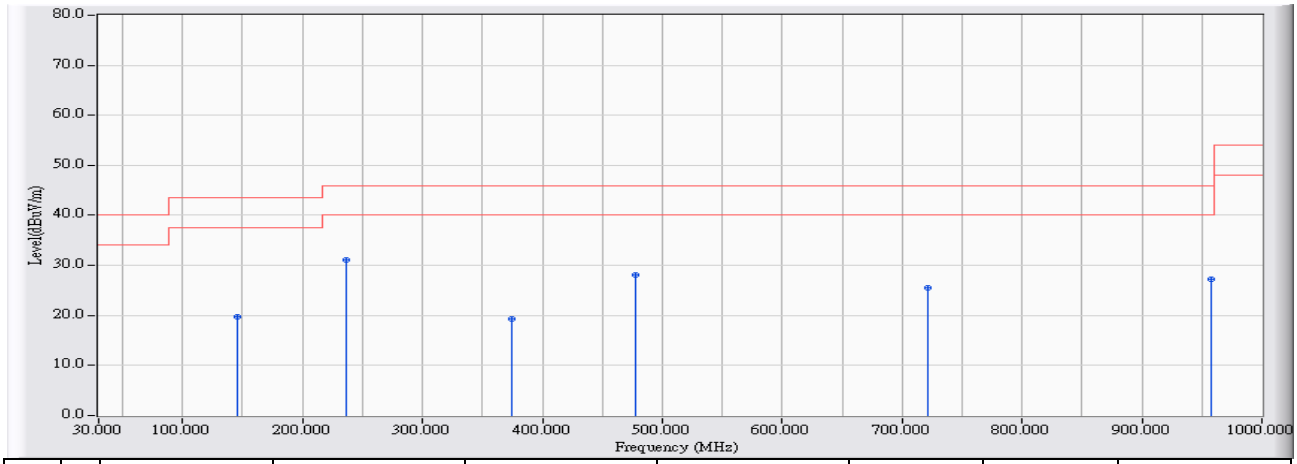
6.5. Uncertainty

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

6.6. Test Result

30MHz-1GHz Spurious

Site : CB1	**Time : 2014/08/09 - 09:49**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 1: Transmit (CDD Mode)** **802.11a_5220MHz**

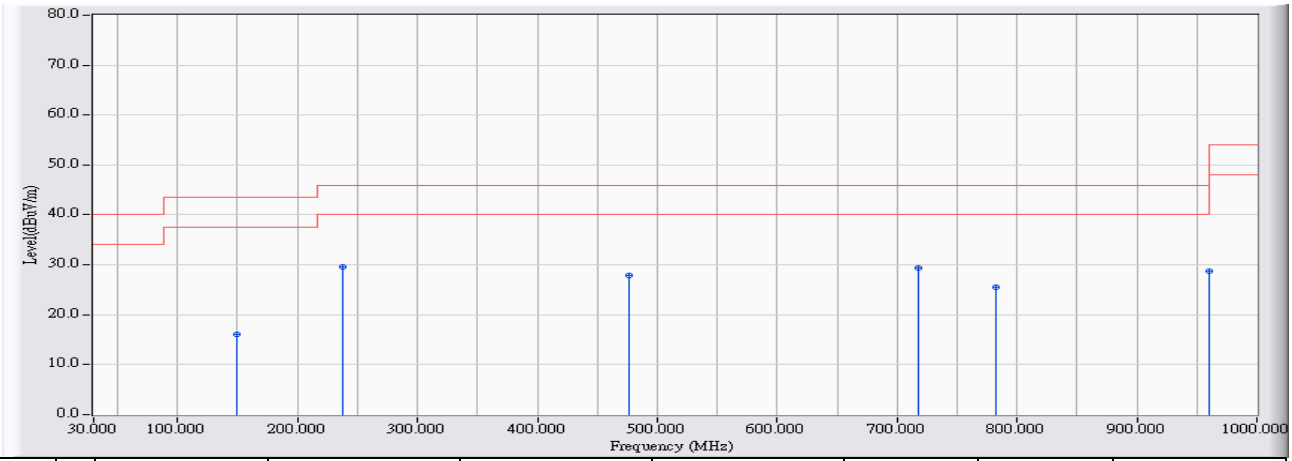


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		145.430	-23.201	42.863	19.662	-23.838	43.500	QUASIPEAK
2	*	236.125	-21.873	53.035	31.162	-14.838	46.000	QUASIPEAK
3		373.865	-18.044	37.446	19.402	-26.598	46.000	QUASIPEAK
4		478.140	-15.628	43.807	28.180	-17.820	46.000	QUASIPEAK
5		721.125	-12.390	37.975	25.584	-20.416	46.000	QUASIPEAK
6		958.290	-10.107	37.281	27.174	-18.826	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2014/08/09 - 09:52**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 1: Transmit (CDD Mode)** **802.11a_5220MHz**

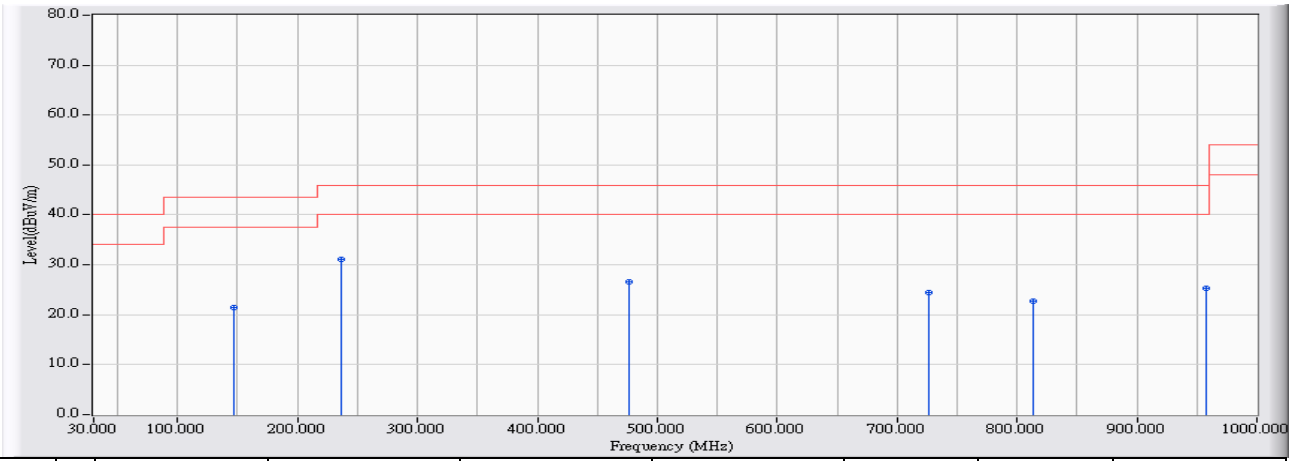


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		149.310	-23.395	39.510	16.115	-27.385	43.500	QUASIPEAK
2	*	238.065	-21.726	51.262	29.536	-16.464	46.000	QUASIPEAK
3		476.685	-15.657	43.537	27.880	-18.120	46.000	QUASIPEAK
4		718.215	-12.372	41.855	29.483	-16.517	46.000	QUASIPEAK
5		782.235	-11.939	37.452	25.513	-20.487	46.000	QUASIPEAK
6		959.745	-10.093	38.813	28.720	-17.280	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2014/08/09 - 09:59**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode) 802.11n20_5220MHz**

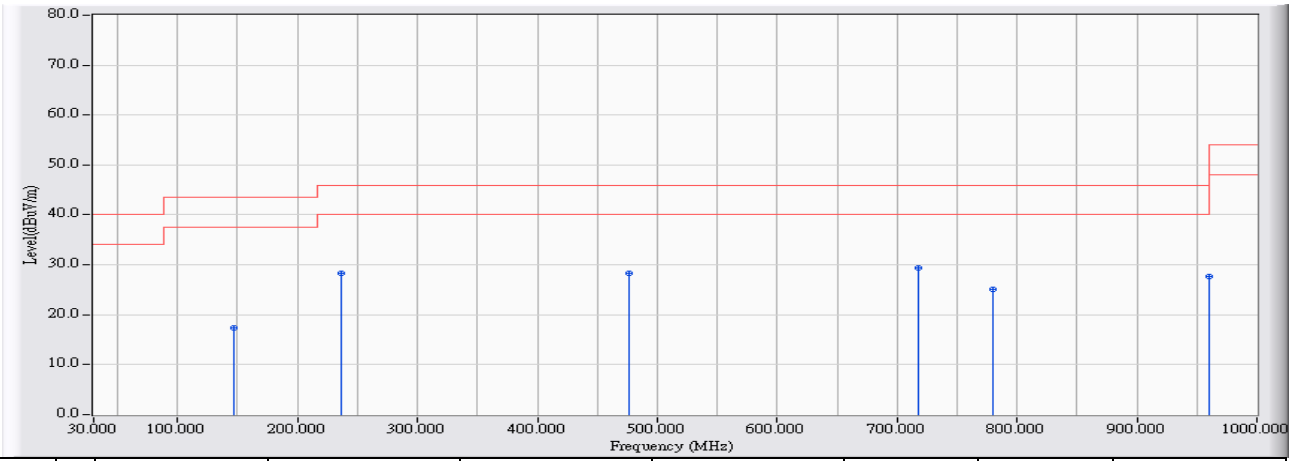


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		146.400	-23.249	44.670	21.421	-22.079	43.500	QUASIPEAK
2	*	236.610	-21.837	52.844	31.007	-14.993	46.000	QUASIPEAK
3		476.200	-15.667	42.231	26.564	-19.436	46.000	QUASIPEAK
4		725.975	-12.421	36.923	24.502	-21.498	46.000	QUASIPEAK
5		813.275	-11.534	34.323	22.788	-23.212	46.000	QUASIPEAK
6		957.805	-10.112	35.339	25.227	-20.773	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2014/08/09 - 10:03**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode) 802.11n20_5220MHz**

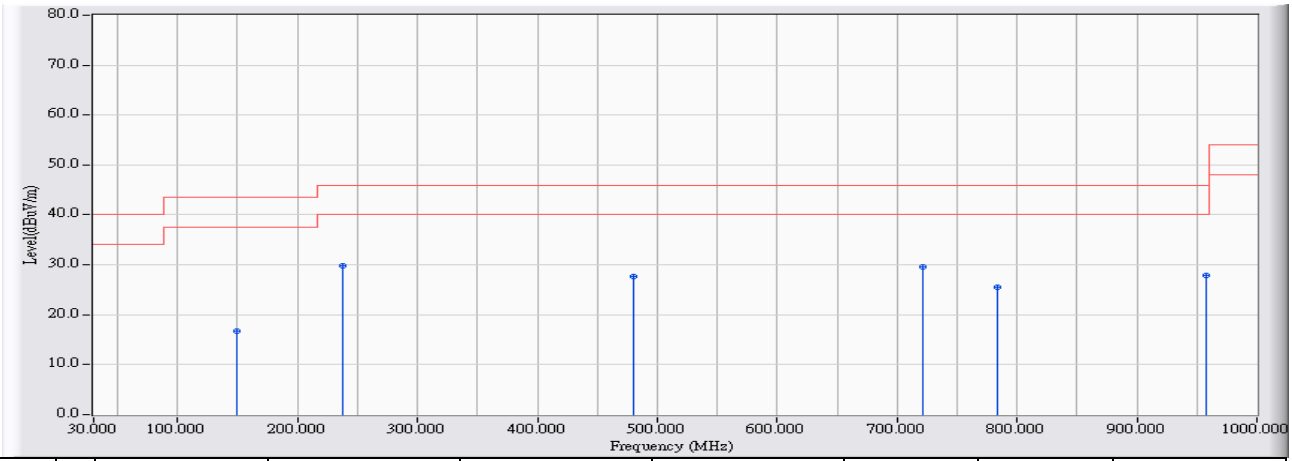


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		146.400	-23.249	40.712	17.463	-26.037	43.500	QUASIPEAK
2		236.125	-21.873	50.288	28.415	-17.585	46.000	QUASIPEAK
3		476.685	-15.657	43.884	28.227	-17.773	46.000	QUASIPEAK
4	*	717.730	-12.369	41.675	29.306	-16.694	46.000	QUASIPEAK
5		779.810	-11.987	37.062	25.076	-20.924	46.000	QUASIPEAK
6		960.715	-10.084	37.786	27.702	-26.298	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 : 2014/08/09 - 10:12**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)** **802.11n40_5230MHz**

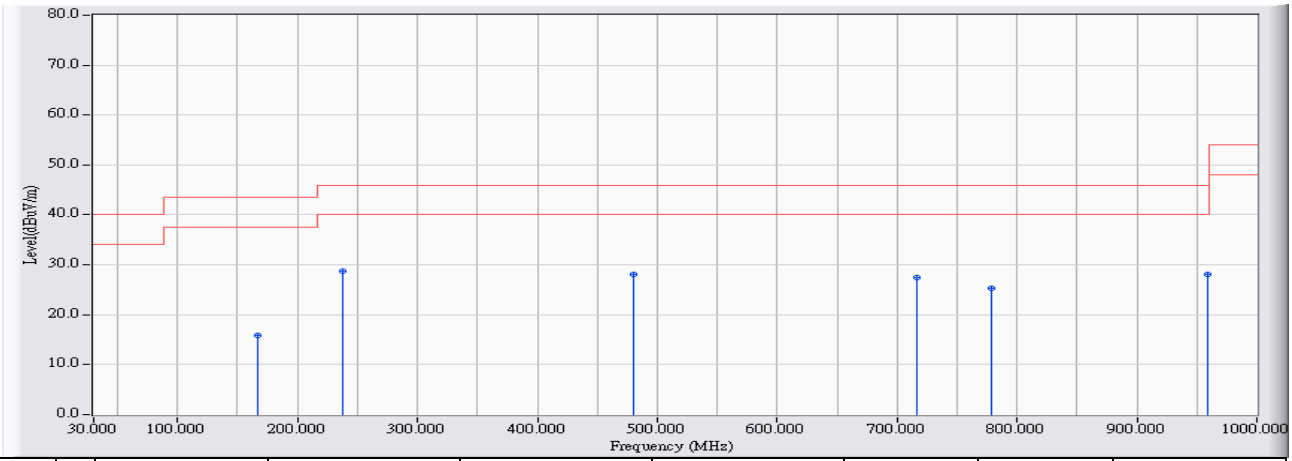


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		149.310	-23.395	40.154	16.759	-26.741	43.500	QUASIPEAK
2	*	238.065	-21.726	51.491	29.765	-16.235	46.000	QUASIPEAK
3		480.080	-15.589	43.259	27.671	-18.329	46.000	QUASIPEAK
4		721.125	-12.390	41.977	29.586	-16.414	46.000	QUASIPEAK
5		783.205	-11.919	37.451	25.532	-20.468	46.000	QUASIPEAK
6		957.805	-10.112	38.002	27.890	-18.110	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2014/08/09 - 10:18**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)** **802.11n40_5230MHz**

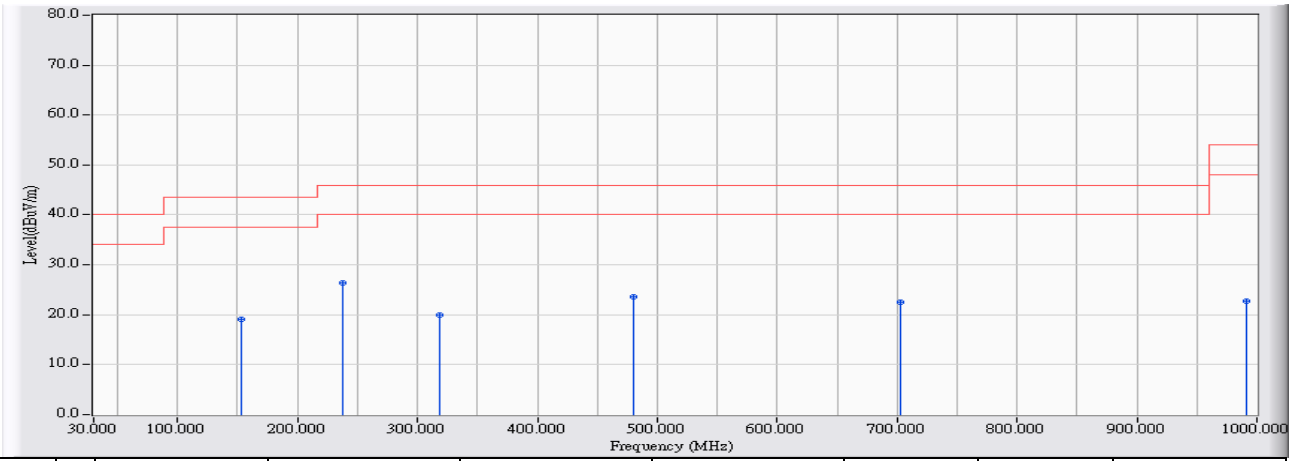


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		166.285	-24.111	39.918	15.807	-27.693	43.500	QUASIPEAK
2	*	238.065	-21.726	50.444	28.718	-17.282	46.000	QUASIPEAK
3		480.080	-15.589	43.593	28.005	-17.995	46.000	QUASIPEAK
4		716.760	-12.363	39.886	27.523	-18.477	46.000	QUASIPEAK
5		778.355	-12.014	37.260	25.245	-20.755	46.000	QUASIPEAK
6		959.260	-10.098	38.154	28.056	-17.944	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2014/08/09 - 10:21**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)** **802.11ac80_5210MHz**

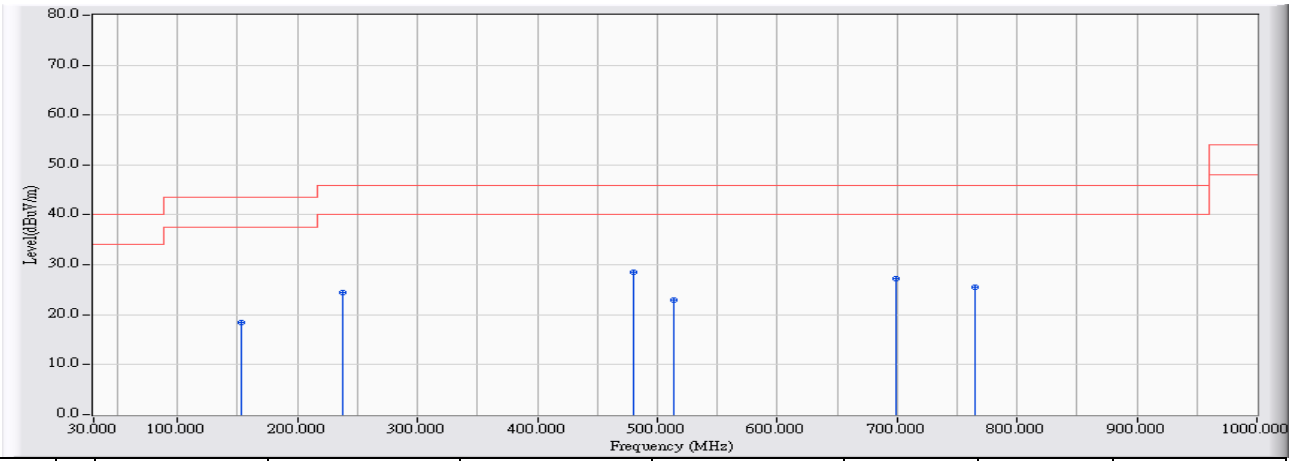


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		152.705	-23.548	42.585	19.036	-24.464	43.500	QUASIPEAK
2	*	238.065	-21.726	48.095	26.369	-19.631	46.000	QUASIPEAK
3		318.090	-19.454	39.314	19.859	-26.141	46.000	QUASIPEAK
4		480.080	-15.589	39.228	23.640	-22.360	46.000	QUASIPEAK
5		702.695	-12.275	34.878	22.603	-23.397	46.000	QUASIPEAK
6		991.270	-9.790	32.543	22.752	-31.248	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 : 2014/08/09 - 10:22**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)** **802.11ac80_5210MHz**

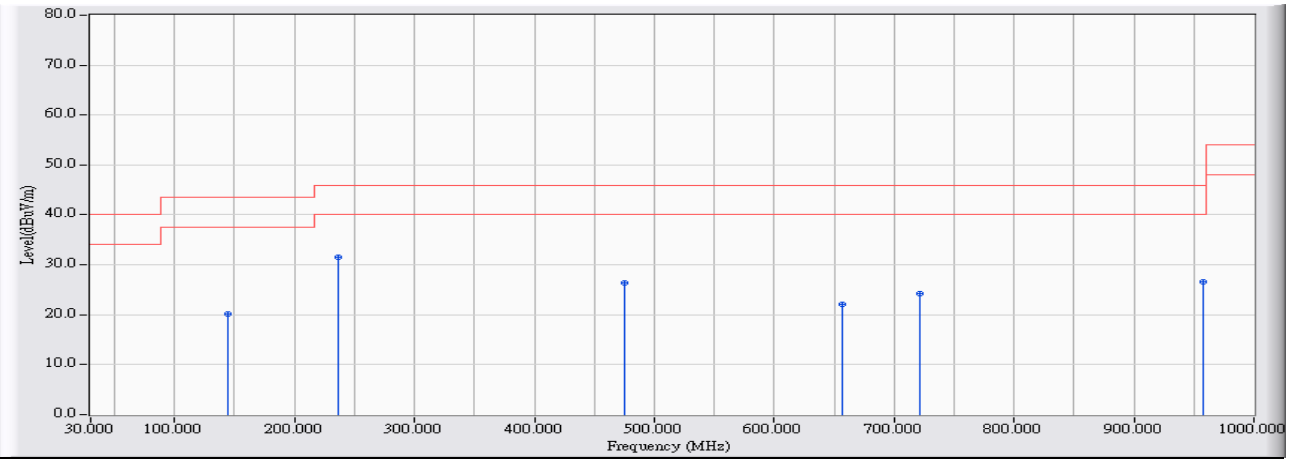


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		152.705	-23.548	41.959	18.410	-25.090	43.500	QUASIPEAK
2		238.065	-21.726	46.161	24.435	-21.565	46.000	QUASIPEAK
3	*	480.080	-15.589	44.020	28.432	-17.568	46.000	QUASIPEAK
4		513.545	-15.039	37.887	22.848	-23.152	46.000	QUASIPEAK
5		698.815	-12.298	39.585	27.286	-18.714	46.000	QUASIPEAK
6		765.260	-12.272	37.763	25.490	-20.510	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2014/08/09 - 10:52**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 1: Transmit (CDD Mode)** **802.11a_5785MHz**

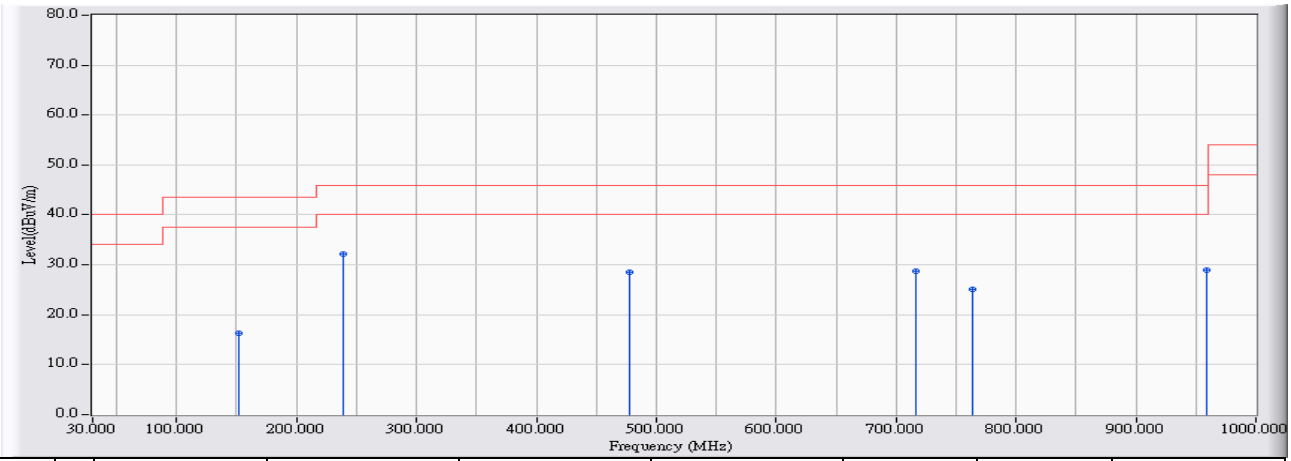


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		143.975	-23.128	43.379	20.251	-23.249	43.500	QUASIPEAK
2	*	236.610	-21.837	53.362	31.525	-14.475	46.000	QUASIPEAK
3		475.715	-15.677	42.062	26.386	-19.614	46.000	QUASIPEAK
4		657.105	-13.750	35.845	22.095	-23.905	46.000	QUASIPEAK
5		721.125	-12.390	36.536	24.145	-21.855	46.000	QUASIPEAK
6		957.320	-10.116	36.626	26.510	-19.490	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2014/08/09 - 10:56**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 1: Transmit (CDD Mode)** **802.11a_5785MHz**

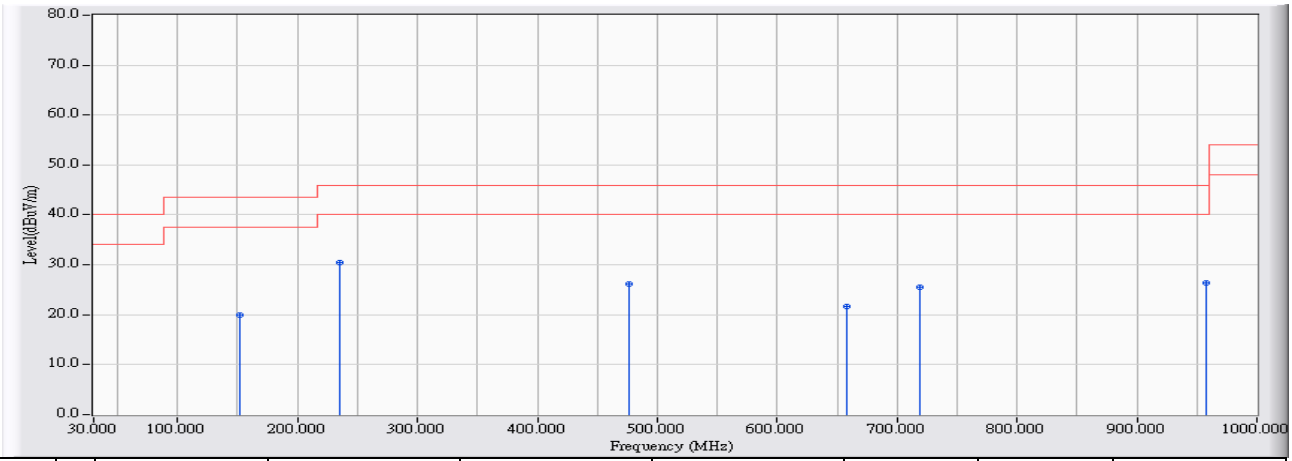


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		151.250	-23.484	39.852	16.368	-27.132	43.500	QUASIPEAK
2	*	239.520	-21.615	53.846	32.231	-13.769	46.000	QUASIPEAK
3		478.140	-15.628	44.241	28.614	-17.386	46.000	QUASIPEAK
4		716.760	-12.363	41.014	28.651	-17.349	46.000	QUASIPEAK
5		763.320	-12.311	37.503	25.192	-20.808	46.000	QUASIPEAK
6		958.775	-10.102	39.144	29.042	-16.958	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2014/08/09 - 10:59**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)** **802.11n20_5785MHz**

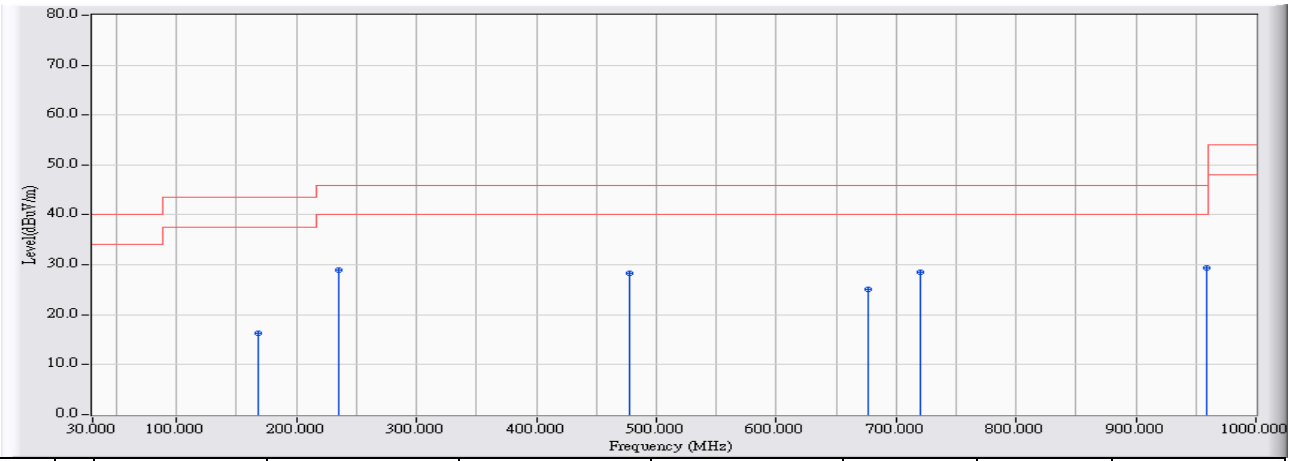


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		151.250	-23.484	43.529	20.045	-23.455	43.500	QUASIPEAK
2	*	234.670	-21.984	52.389	30.405	-15.595	46.000	QUASIPEAK
3		476.200	-15.667	41.925	26.258	-19.742	46.000	QUASIPEAK
4		657.590	-13.734	35.313	21.580	-24.420	46.000	QUASIPEAK
5		719.185	-12.378	37.804	25.425	-20.575	46.000	QUASIPEAK
6		957.805	-10.112	36.549	26.437	-19.563	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2014/08/09 - 11:02**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)** **802.11n20_5785MHz**

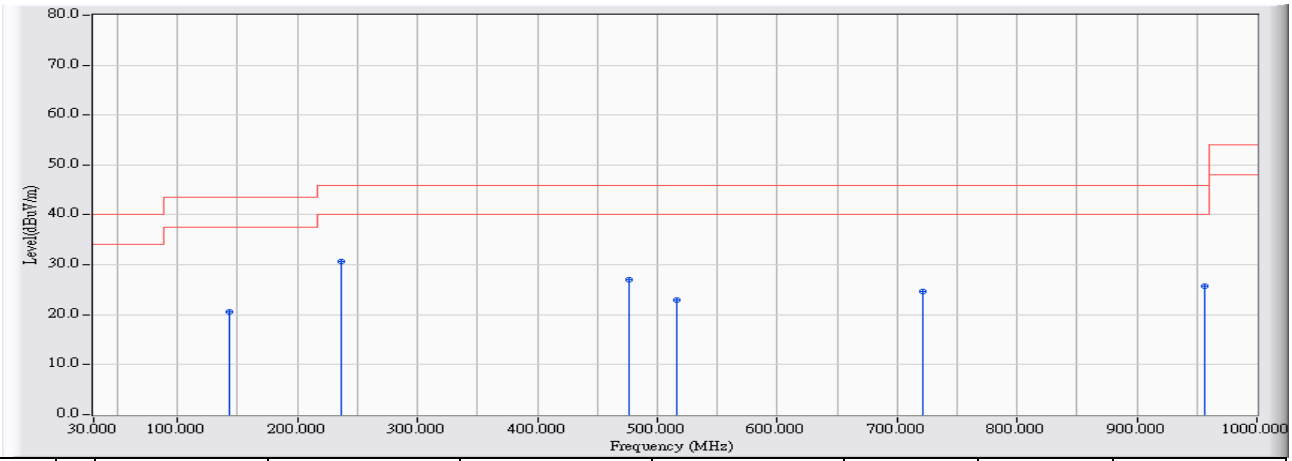


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		167.740	-24.166	40.547	16.380	-27.120	43.500	QUASIPEAK
2		235.640	-21.910	50.969	29.059	-16.941	46.000	QUASIPEAK
3		477.655	-15.638	43.984	28.347	-17.653	46.000	QUASIPEAK
4		676.505	-13.075	38.264	25.189	-20.811	46.000	QUASIPEAK
5		719.670	-12.382	40.964	28.582	-17.418	46.000	QUASIPEAK
6	*	958.775	-10.102	39.418	29.316	-16.684	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2014/08/09 - 11:10**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)** **802.11n40_5795MHz**

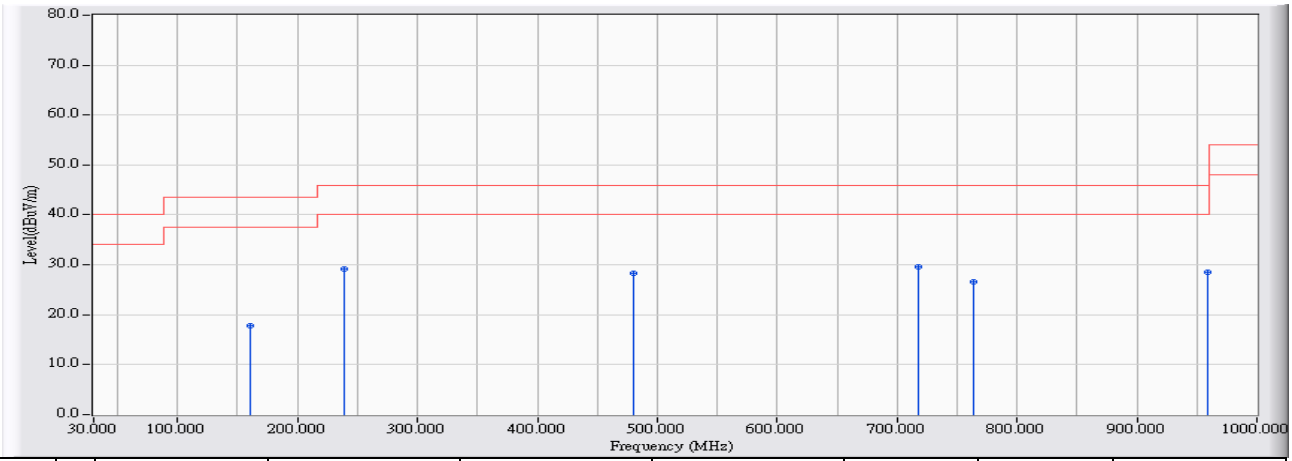


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		143.490	-23.104	43.617	20.513	-22.987	43.500	QUASIPEAK
2	*	236.610	-21.837	52.496	30.659	-15.341	46.000	QUASIPEAK
3		476.200	-15.667	42.588	26.921	-19.079	46.000	QUASIPEAK
4		516.455	-15.008	37.851	22.843	-23.157	46.000	QUASIPEAK
5		721.125	-12.390	37.097	24.706	-21.294	46.000	QUASIPEAK
6		956.350	-10.126	35.899	25.773	-20.227	46.000	QUASIPEAK

Note:

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

Site : CB1	**Time : 2014/08/09 - 11:14**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode) 802.11n40_5795MHz**

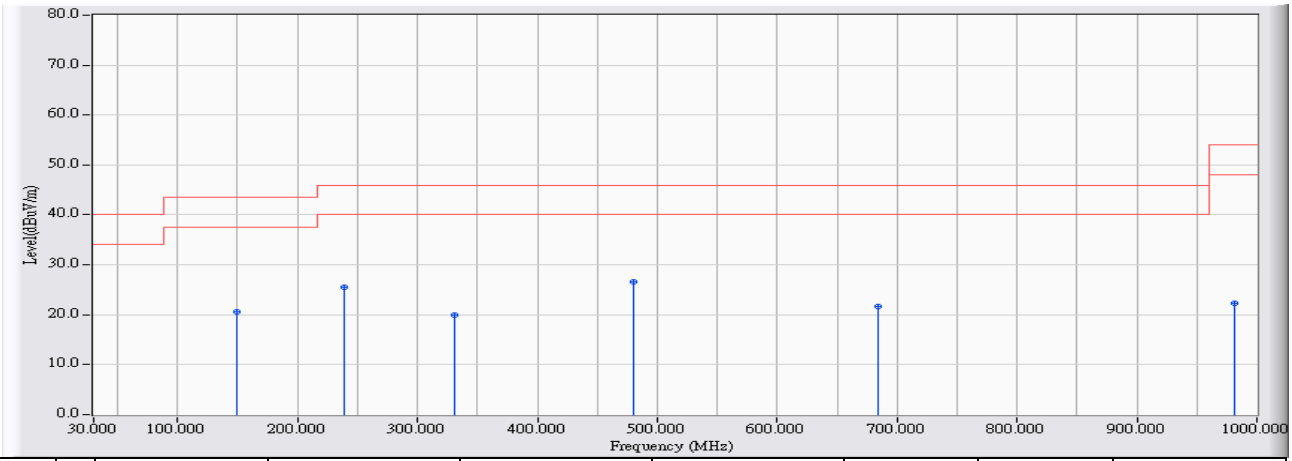


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		159.980	-23.870	41.744	17.874	-25.626	43.500	QUASIPEAK
2		239.035	-21.652	50.780	29.128	-16.872	46.000	QUASIPEAK
3		480.080	-15.589	43.978	28.390	-17.610	46.000	QUASIPEAK
4	*	718.215	-12.372	42.007	29.635	-16.365	46.000	QUASIPEAK
5		764.290	-12.291	38.887	26.595	-19.405	46.000	QUASIPEAK
6		959.260	-10.098	38.529	28.431	-17.569	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 : 2014/08/09 - 11:16**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)** **802.11ac80_5775MHz**

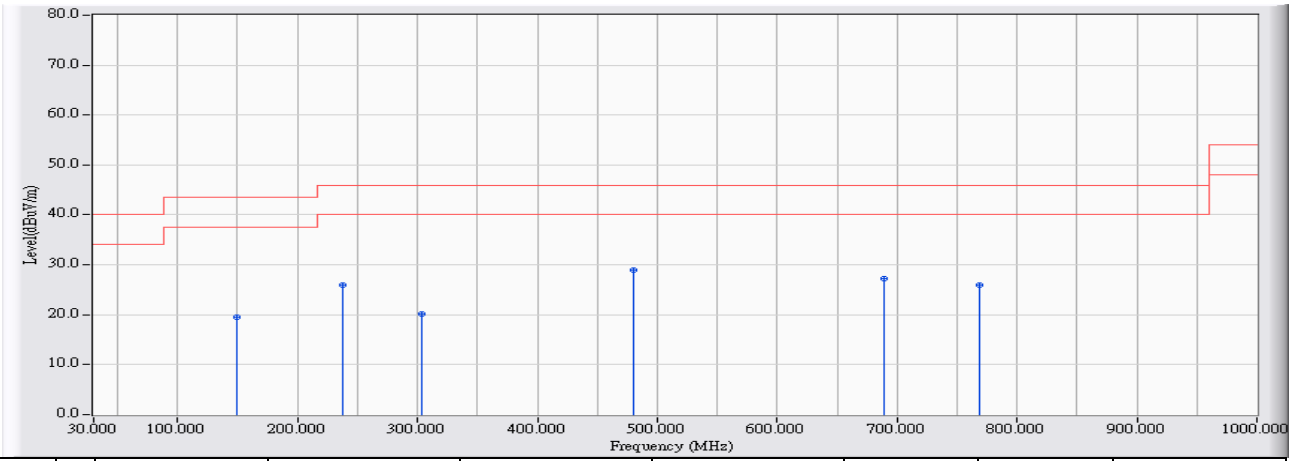


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		149.310	-23.395	43.945	20.550	-22.950	43.500	QUASIPEAK
2		238.550	-21.690	47.143	25.454	-20.546	46.000	QUASIPEAK
3		330.700	-19.154	39.125	19.970	-26.030	46.000	QUASIPEAK
4	*	480.080	-15.589	42.210	26.622	-19.378	46.000	QUASIPEAK
5		683.780	-12.822	34.390	21.568	-24.432	46.000	QUASIPEAK
6		981.085	-9.889	32.246	22.358	-31.642	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 : 2014/08/09 - 11:19**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode) 802.11ac80_5775MHz**



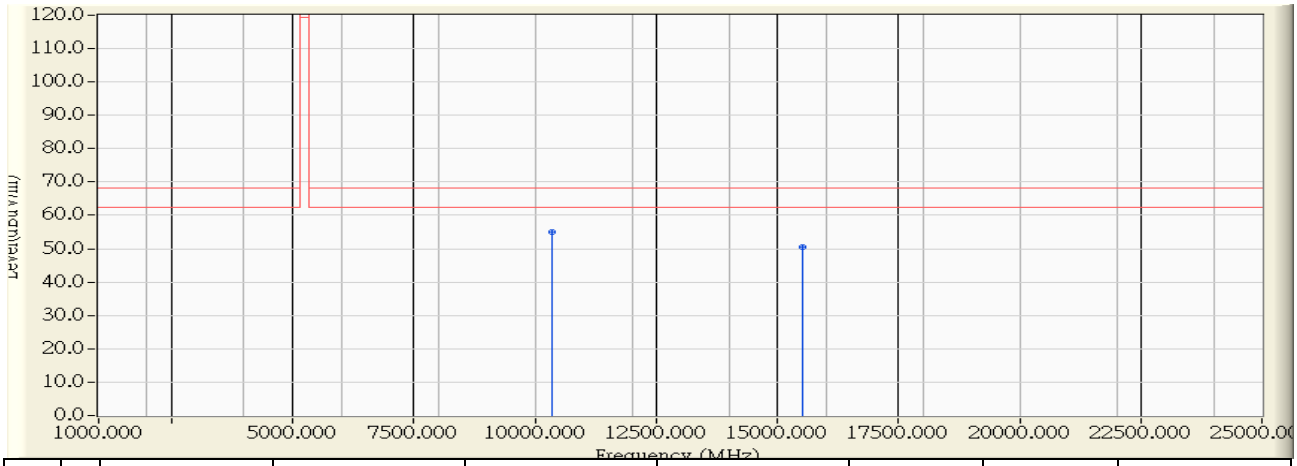
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		149.310	-23.395	42.863	19.468	-24.032	43.500	QUASIPEAK
2		238.065	-21.726	47.649	25.923	-20.077	46.000	QUASIPEAK
3		303.540	-19.801	39.875	20.074	-25.926	46.000	QUASIPEAK
4	*	480.080	-15.589	44.536	28.948	-17.052	46.000	QUASIPEAK
5		689.600	-12.620	39.852	27.233	-18.767	46.000	QUASIPEAK
6		769.140	-12.196	38.055	25.859	-20.141	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 : 2014/06/20 - 11:05**
Limit : FCC_SPARTE.407_H_Band1_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 1: Transmit (CDD Mode)_802.11a_5180 MHz**

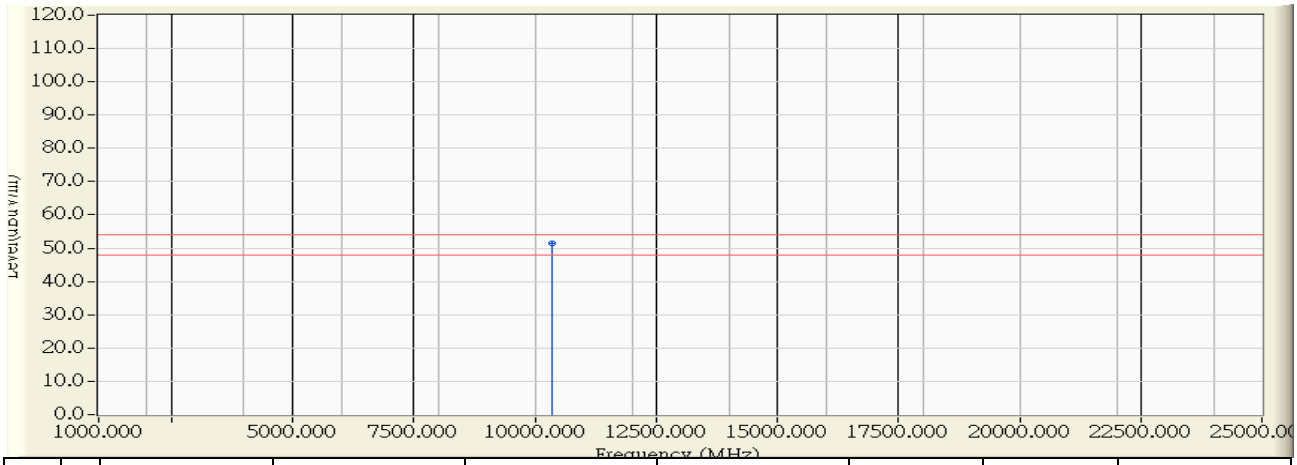


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	10360.160	9.809	45.170	54.979	-13.321	68.300	PEAK
2		15537.560	9.445	41.080	50.525	-17.775	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/20 - 11:01**
Limit : FCC_SPARTE.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 1: Transmit (CDD Mode)_802.11a_5180 MHz**

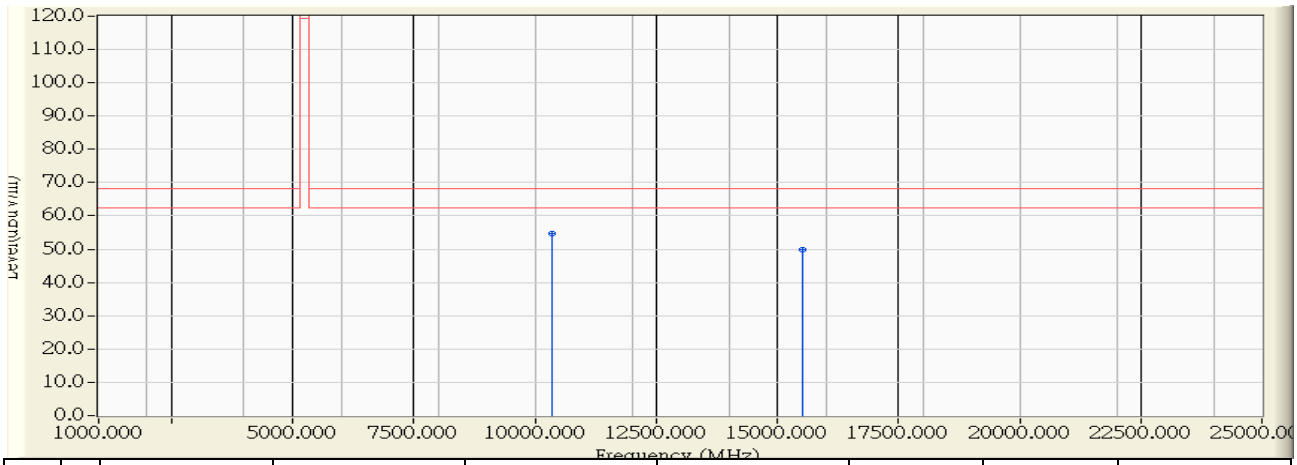


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	10360.160	9.809	41.540	51.349	-2.651	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/20 - 11:10**
Limit : FCC_SPARTE.407_H_Band1_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 1: Transmit (CDD Mode)_802.11a_5180 MHz**

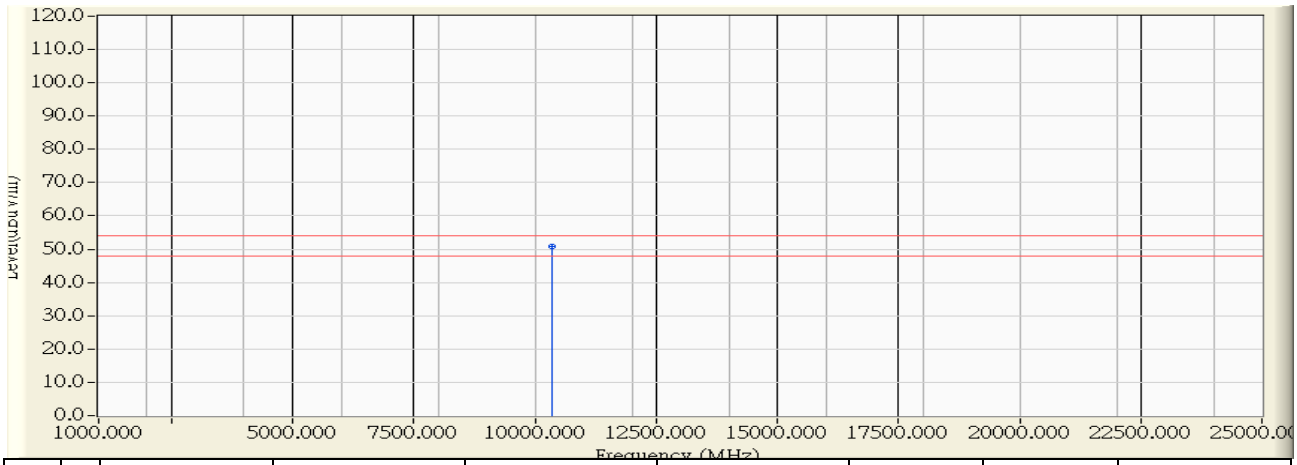


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	10360.170	9.810	44.800	54.609	-13.691	68.300	PEAK
2		15537.850	9.444	40.510	49.954	-18.346	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/20 - 11:15**
Limit : FCC_SPARTE.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 1: Transmit (CDD Mode)_802.11a_5180 MHz**

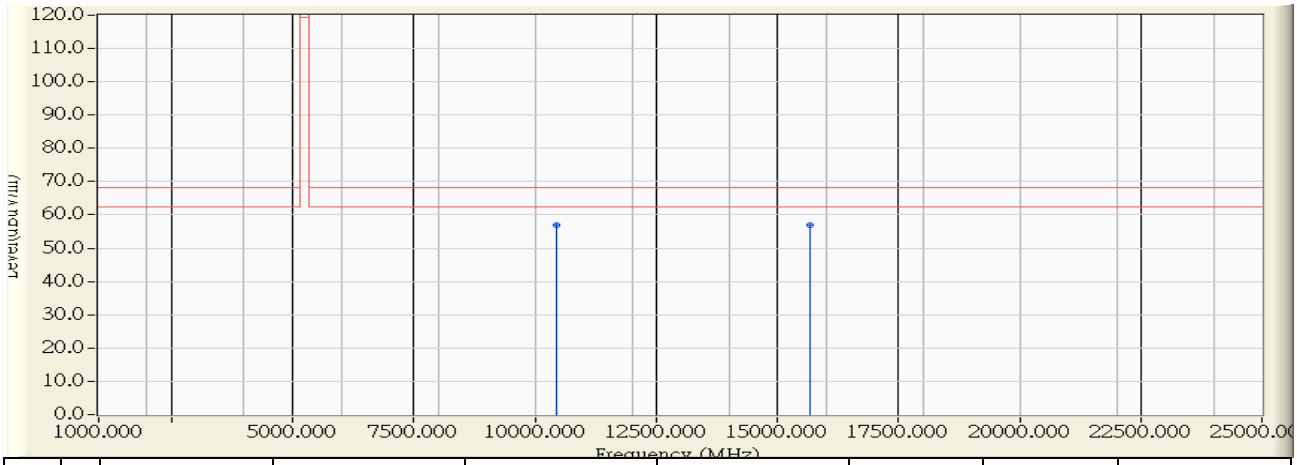


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	10360.210	9.810	41.000	50.809	-3.191	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/20 - 11:53**
Limit : FCC_SPARTE.407_H_Band1_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 1: Transmit (CDD Mode)_802.11a_5220 MHz**

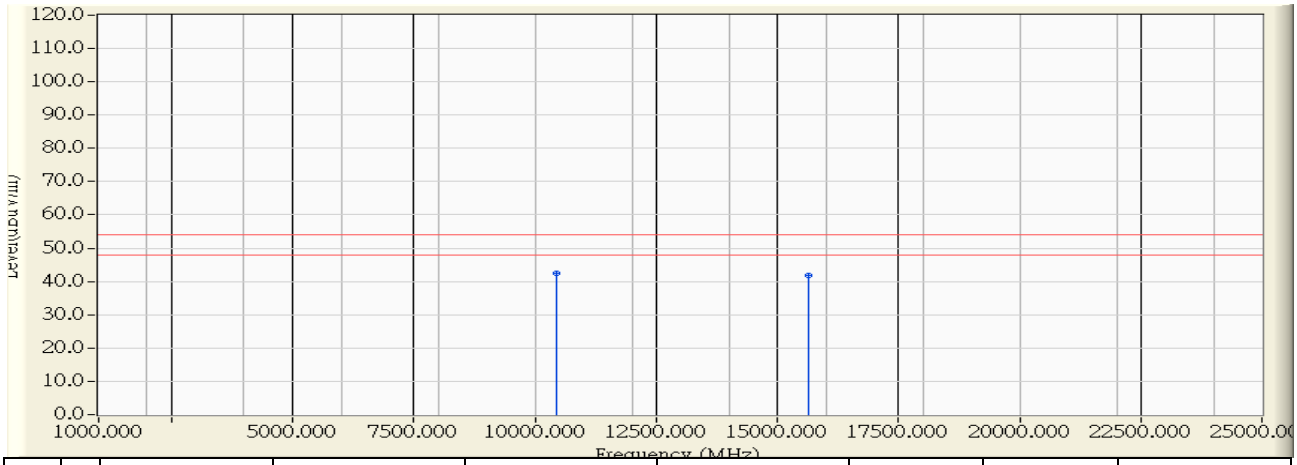


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10439.350	9.590	47.200	56.789	-11.511	68.300	PEAK
2	*	15663.480	9.079	47.970	57.048	-11.252	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/20 - 11:57**
Limit : FCC_SPARTE.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 1: Transmit (CDD Mode)_802.11a_5220 MHz**

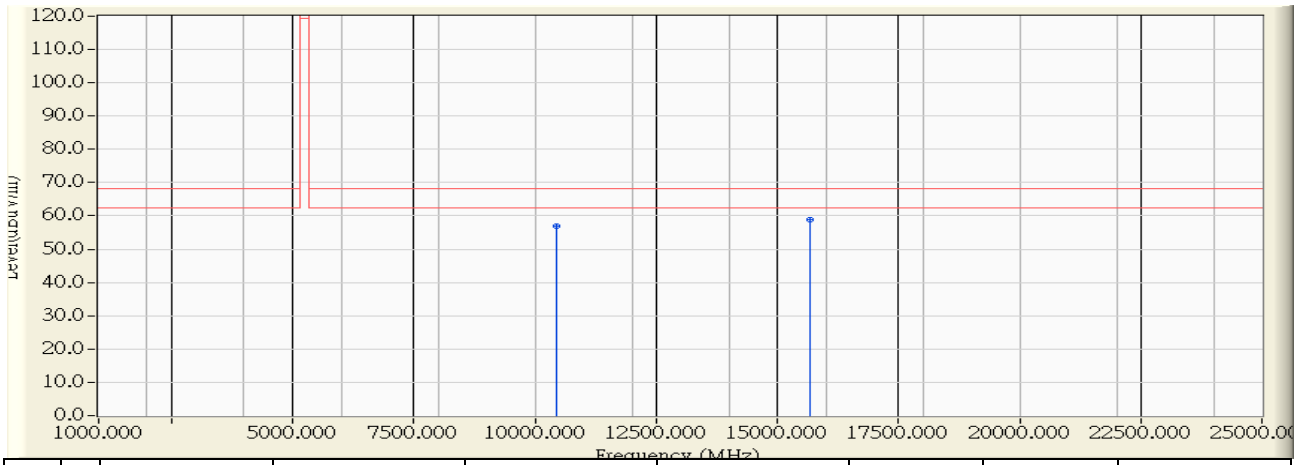


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	10441.170	9.584	32.770	42.354	-11.646	54.000	AVERAGE
2		15661.070	9.085	32.720	41.805	-12.195	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/20 - 12:02**
Limit : FCC_SPARTE.407_H_Band1_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 1: Transmit (CDD Mode)_802.11a_5220 MHz**

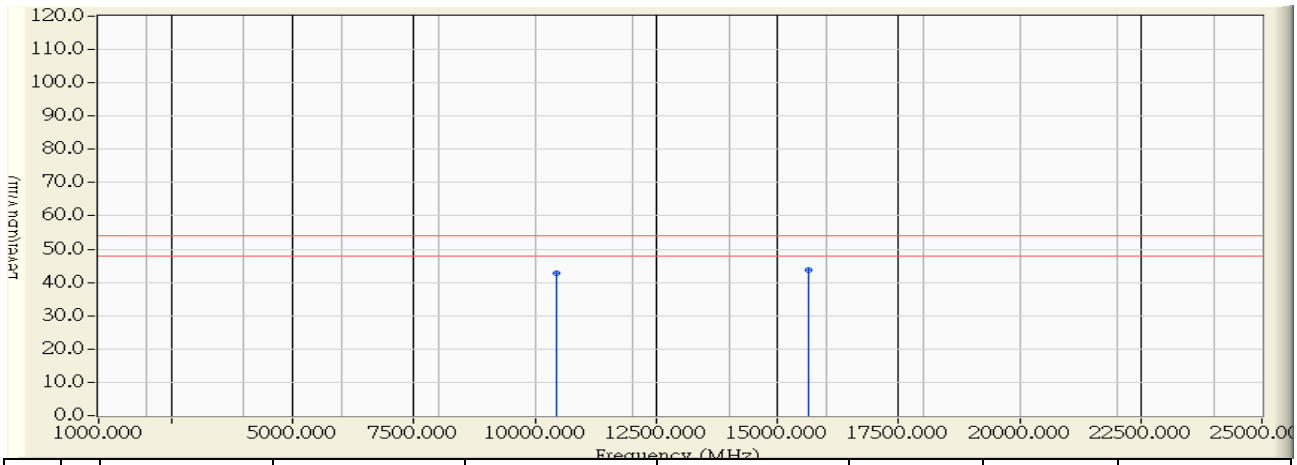


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10439.830	9.588	47.430	57.018	-11.282	68.300	PEAK
2	*	15662.730	9.080	49.860	58.940	-9.360	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/20 - 12:02**
Limit : FCC_SPARTE.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 1: Transmit (CDD Mode)_802.11a_5220 MHz**

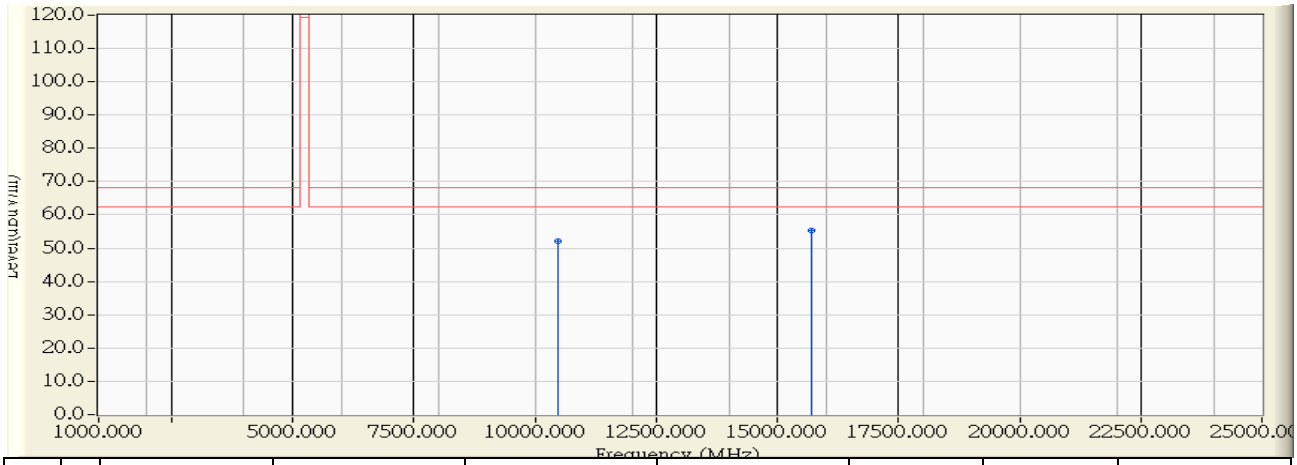


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10440.550	9.587	33.128	42.714	-11.286	54.000	AVERAGE
2	*	15661.370	9.083	34.780	43.864	-10.136	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/20 - 12:48**
Limit : FCC_SPARTE.407_H_Band1_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 1: Transmit (CDD Mode)_802.11a_5240 MHz**

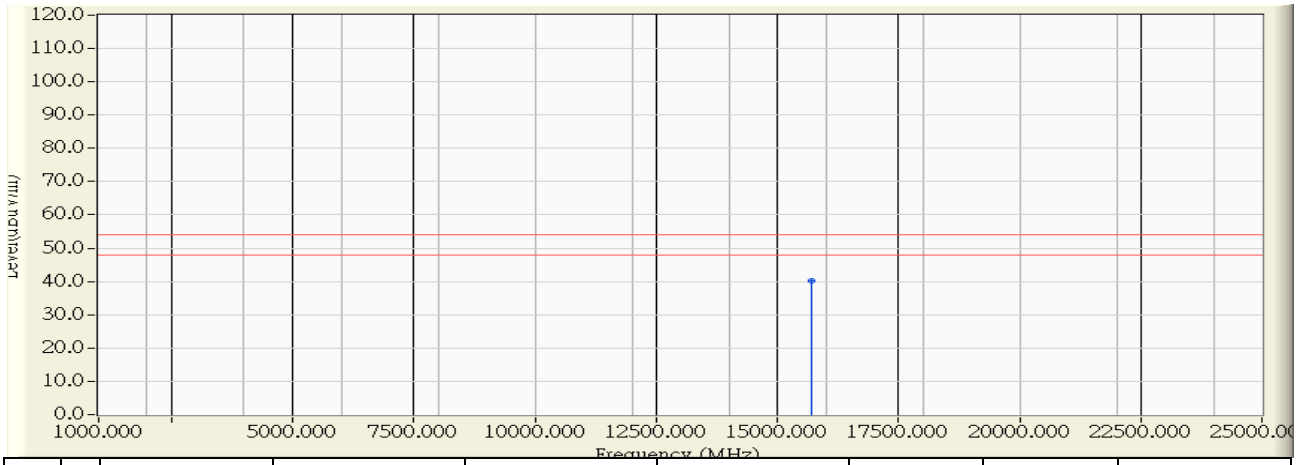


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10479.540	9.579	42.390	51.970	-16.330	68.300	PEAK
2	*	15722.820	8.905	46.420	55.325	-12.975	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/20 - 12:50**
Limit : FCC_SPARTE.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 1: Transmit (CDD Mode)_802.11a_5240 MHz**

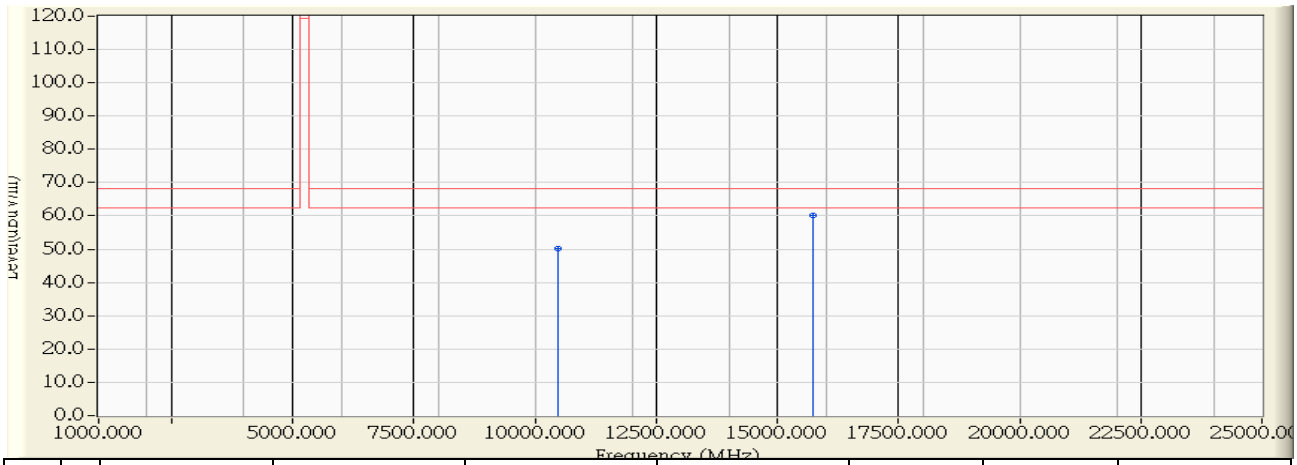


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	15718.520	8.917	31.200	40.118	-13.882	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/20 - 12:53**
Limit : FCC_SPARTE.407_H_Band1_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 1: Transmit (CDD Mode)_802.11a_5240 MHz**

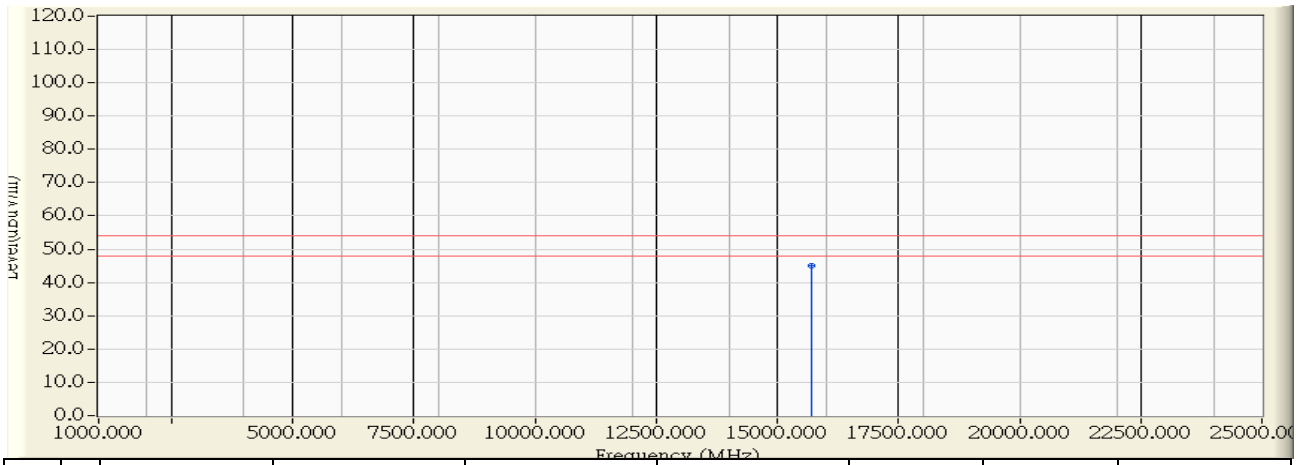


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10479.120	9.578	40.580	50.158	-18.142	68.300	PEAK
2	*	15723.480	8.904	51.130	60.033	-8.267	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/20 - 12:56**
Limit : FCC_SPARTE.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 1: Transmit (CDD Mode)_802.11 a_5240 MHz**

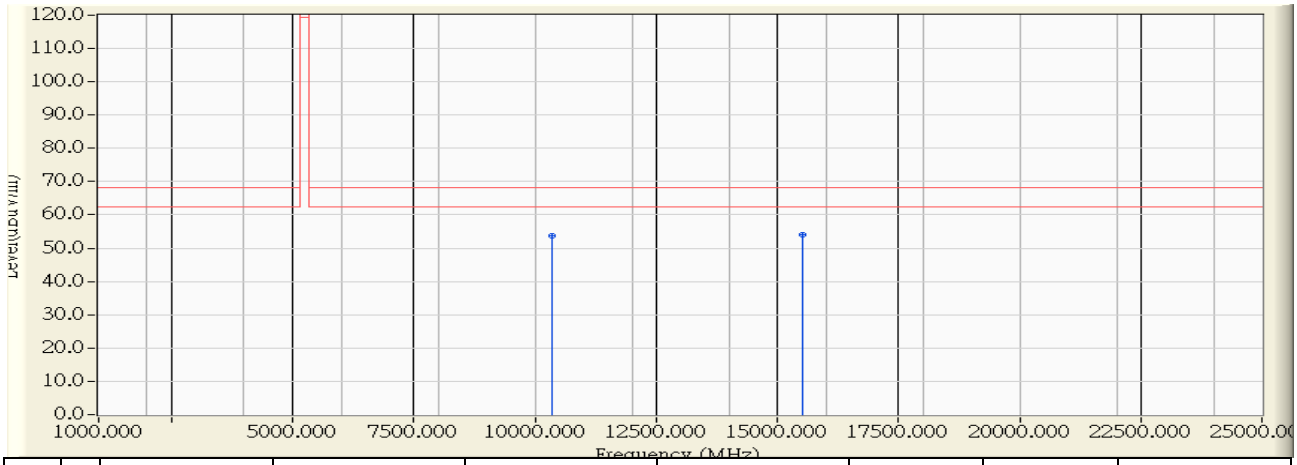


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	15718.490	8.918	36.260	45.178	-8.822	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/20 - 11:18**
Limit : FCC_SPARTE.407_H_Band1_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_ 802.11n20_5180 MHz**

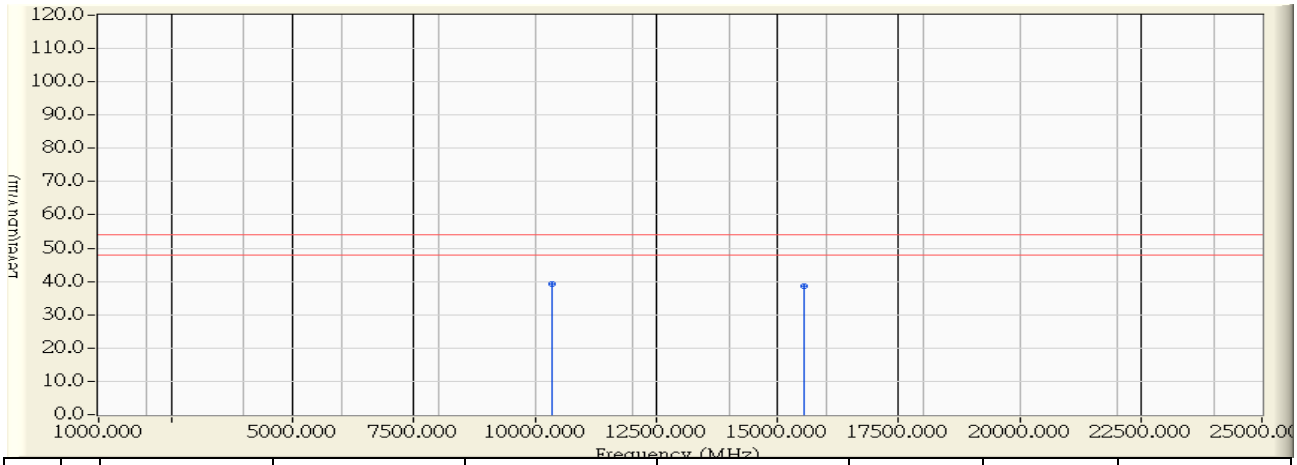


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10358.360	9.814	44.030	53.844	-14.456	68.300	PEAK
2	*	15535.760	9.451	44.500	53.950	-14.350	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/20 - 11:19**
Limit : FCC_SPARTE.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_ 802.11n20_5180 MHz**

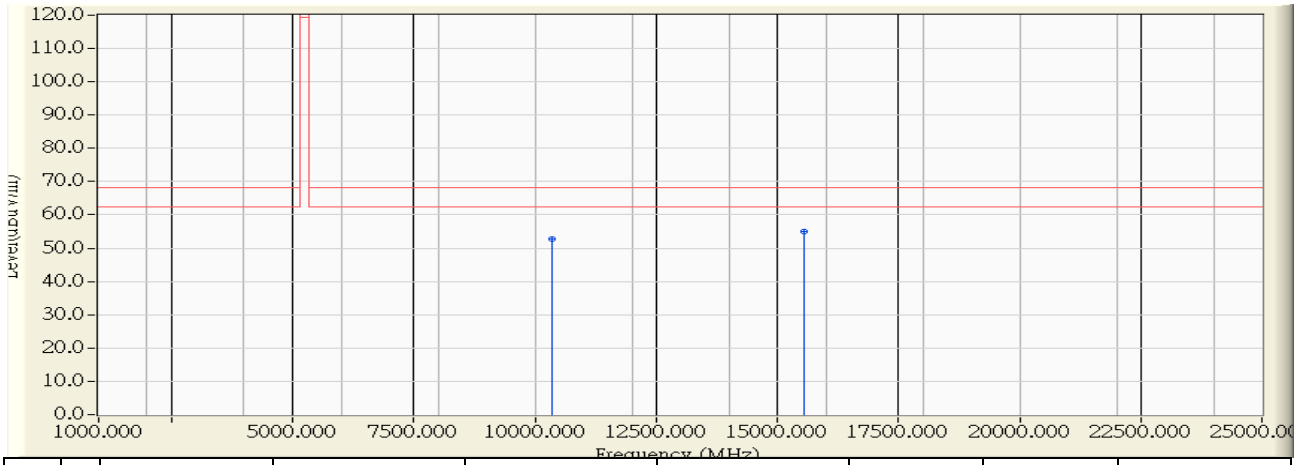


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	10358.360	9.814	29.510	39.324	-14.676	54.000	AVERAGE
2		15542.680	9.430	29.120	38.550	-15.450	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/20 - 11:22**
Limit : FCC_SPARTE.407_H_Band1_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_ 802.11n20_5180 MHz**

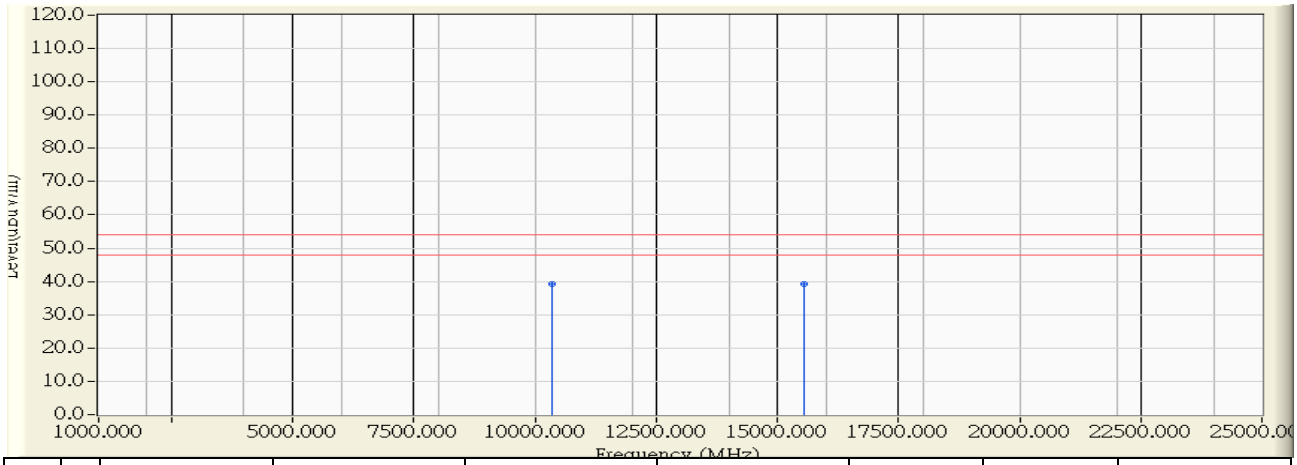


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10358.740	9.814	42.970	52.783	-15.517	68.300	PEAK
2	*	15543.780	9.426	45.620	55.047	-13.253	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/20 - 11:22**
Limit : FCC_SPARTE.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_ 802.11n20_5180 MHz**

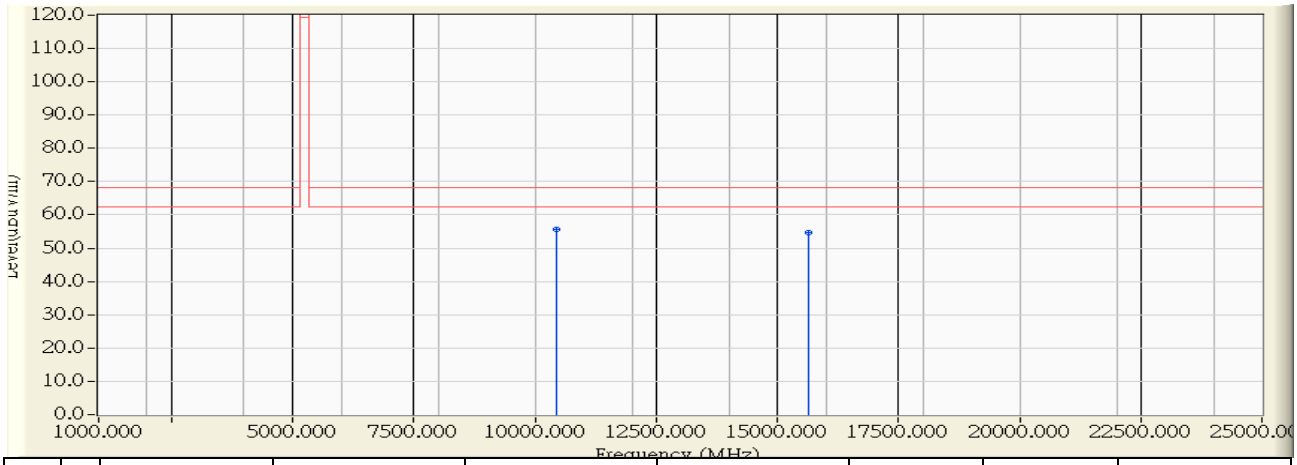


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10360.220	9.810	29.429	39.238	-14.762	54.000	AVERAGE
2	*	15543.780	9.426	29.950	39.377	-14.623	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/20 - 12:16**
Limit : FCC_SPARTE.407_H_Band1_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_ 802.11n20_5220 MHz**

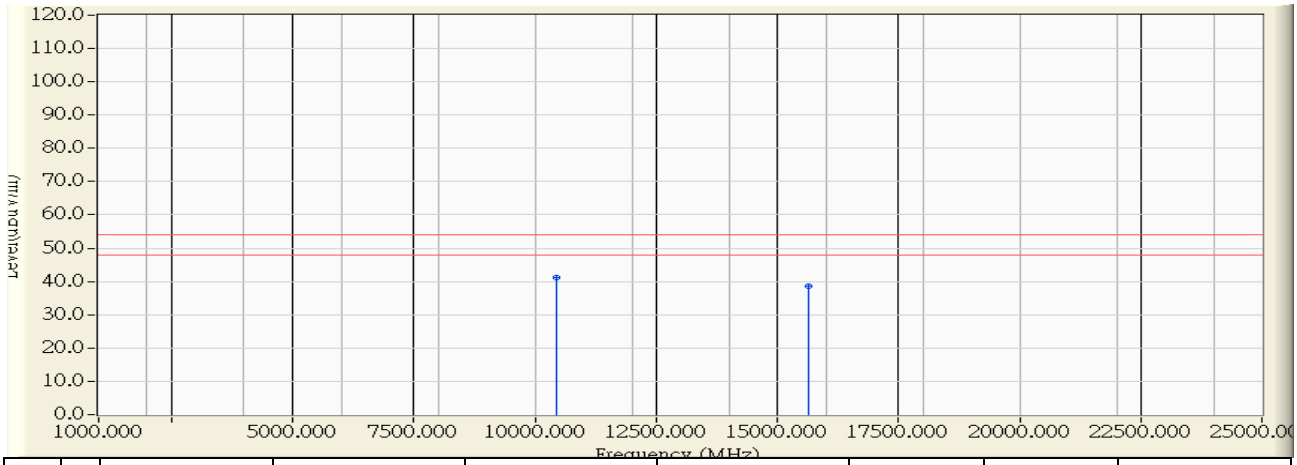


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	10439.220	9.590	46.150	55.740	-12.560	68.300	PEAK
2		15652.890	9.109	45.690	54.799	-13.501	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/20 - 12:17**
Limit : FCC_SPARTE.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_ 802.11n20_5220 MHz**

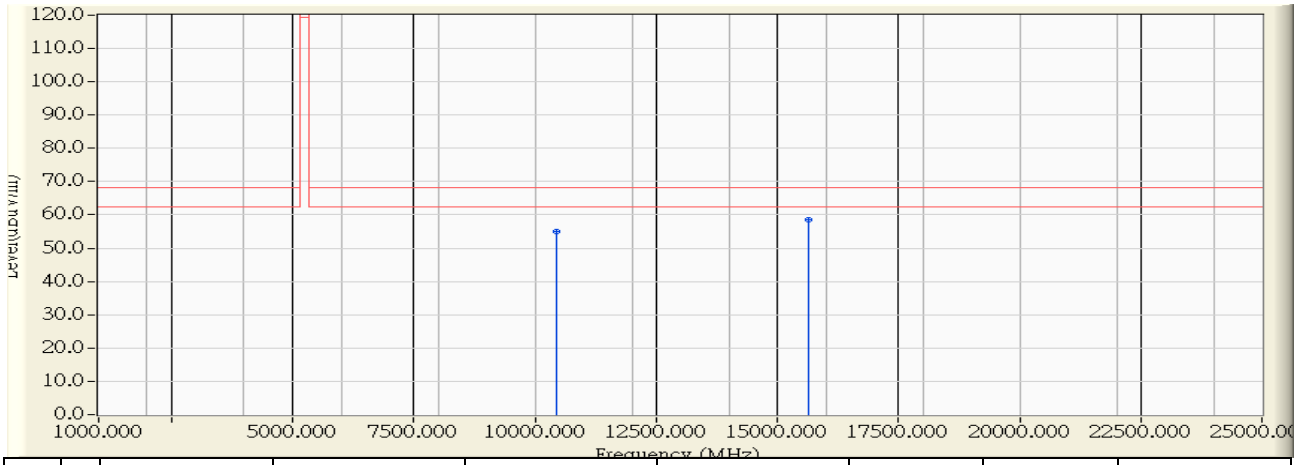


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10441.040	9.585	31.500	41.085	-13.915	54.000	AVERAGE
2	*	15661.040	9.085	29.570	38.655	-15.345	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/20 - 12:22**
Limit : FCC_SPARTE.407_H_Band1_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_ 802.11n20_5220 MHz**

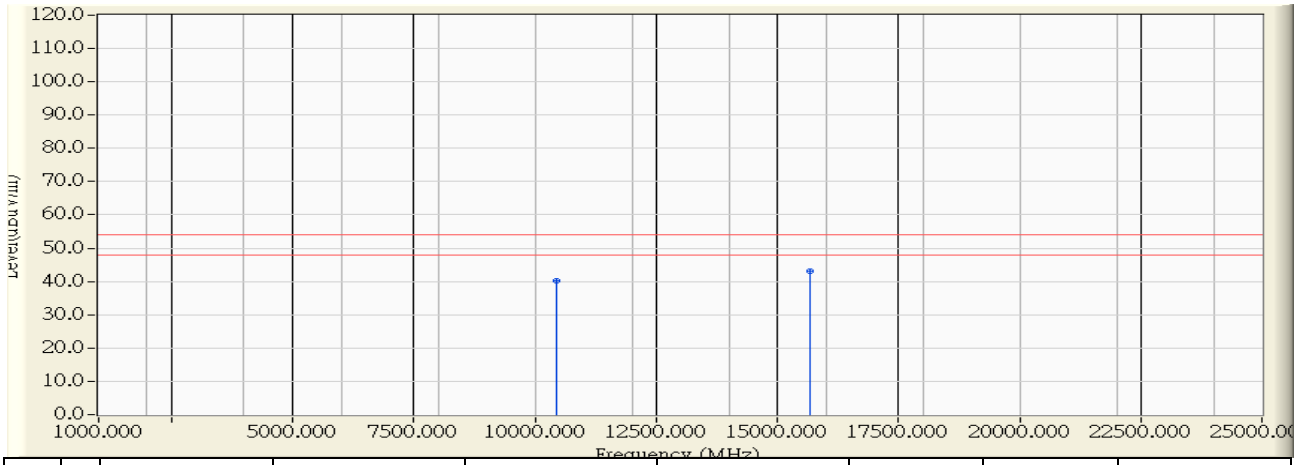


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10441.200	9.584	45.340	54.924	-13.376	68.300	PEAK
2	*	15652.290	9.112	49.300	58.411	-9.889	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/20 - 12:24**
Limit : FCC_SPARTE.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_ 802.11n20_5220 MHz**

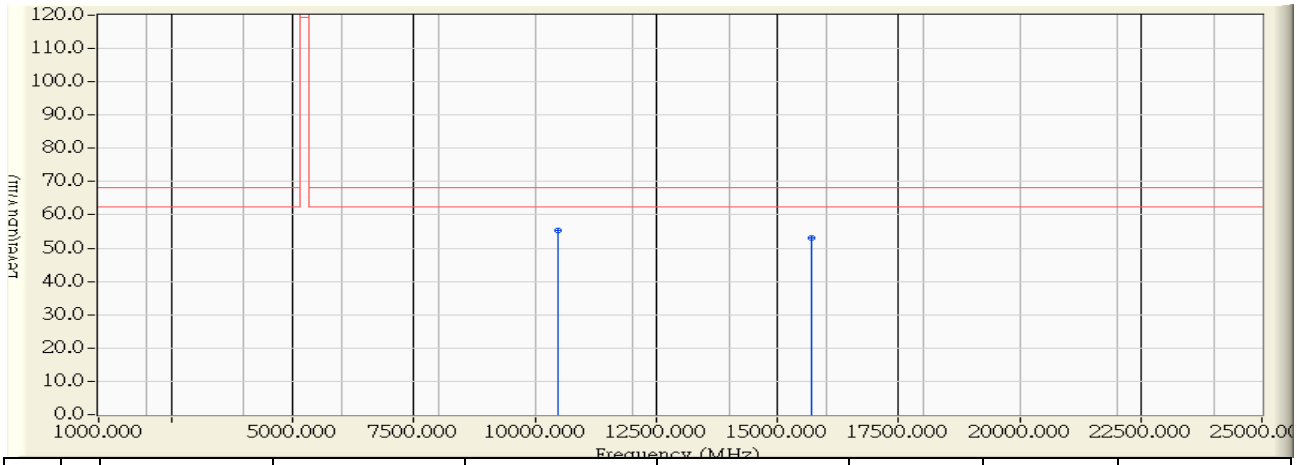


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10441.200	9.584	30.750	40.334	-13.666	54.000	AVERAGE
2	*	15663.100	9.080	34.080	43.159	-10.841	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/20 - 13:00**
Limit : FCC_SPARTE.407_H_Band1_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_ 802.11n20_5240 MHz**

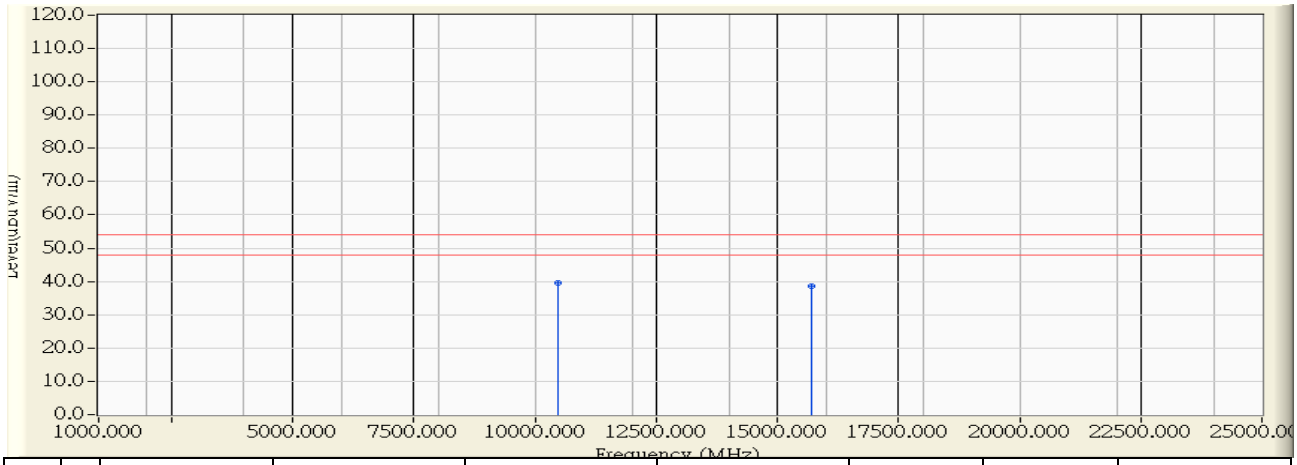


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	10478.520	9.575	45.680	55.255	-13.045	68.300	PEAK
2		15721.500	8.909	44.130	53.039	-15.261	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/20 - 13:00**
Limit : FCC_SPARTE.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_ 802.11n20_5240 MHz**

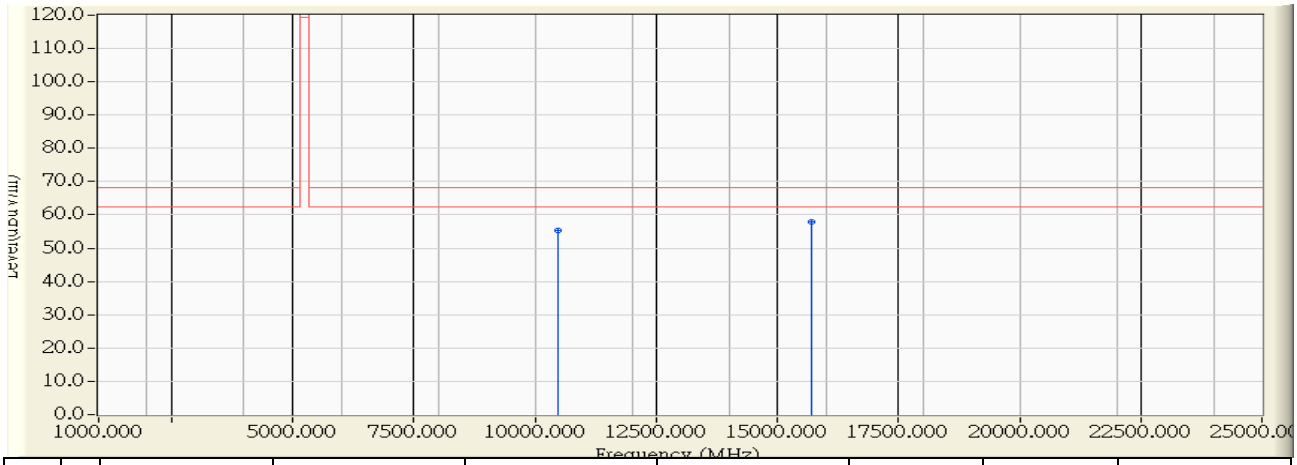


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	10479.940	9.582	29.919	39.501	-14.499	54.000	AVERAGE
2		15718.040	8.918	29.546	38.465	-15.535	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/20 - 13:03**
Limit : FCC_SPARTE.407_H_Band1_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_ 802.11n20_5240 MHz**

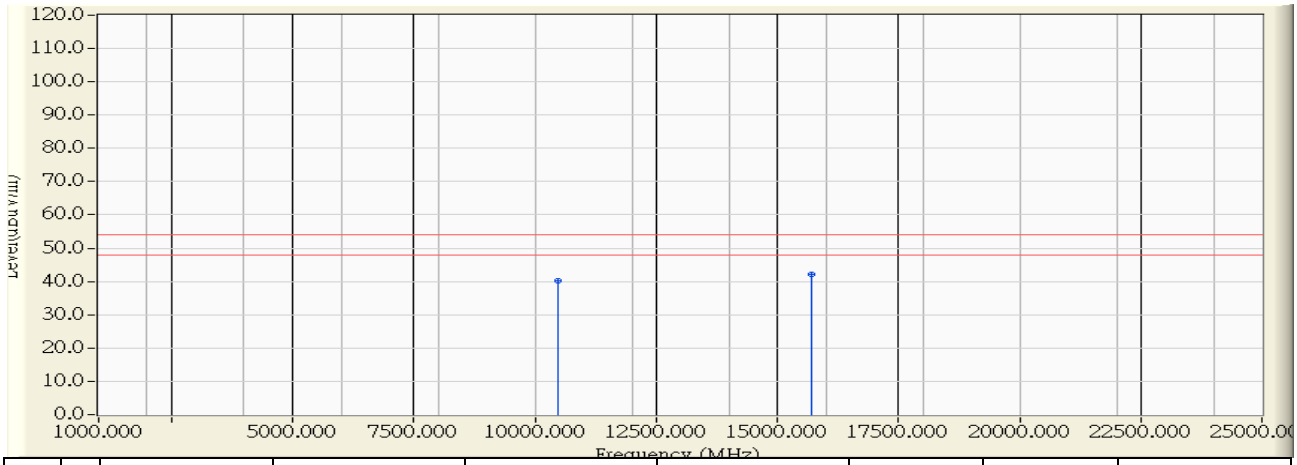


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10478.920	9.577	45.730	55.307	-12.993	68.300	PEAK
2	*	15712.400	8.936	49.050	57.985	-10.315	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/20 - 13:04**
Limit : FCC_SPARTE.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_ 802.11n20_5240 MHz**

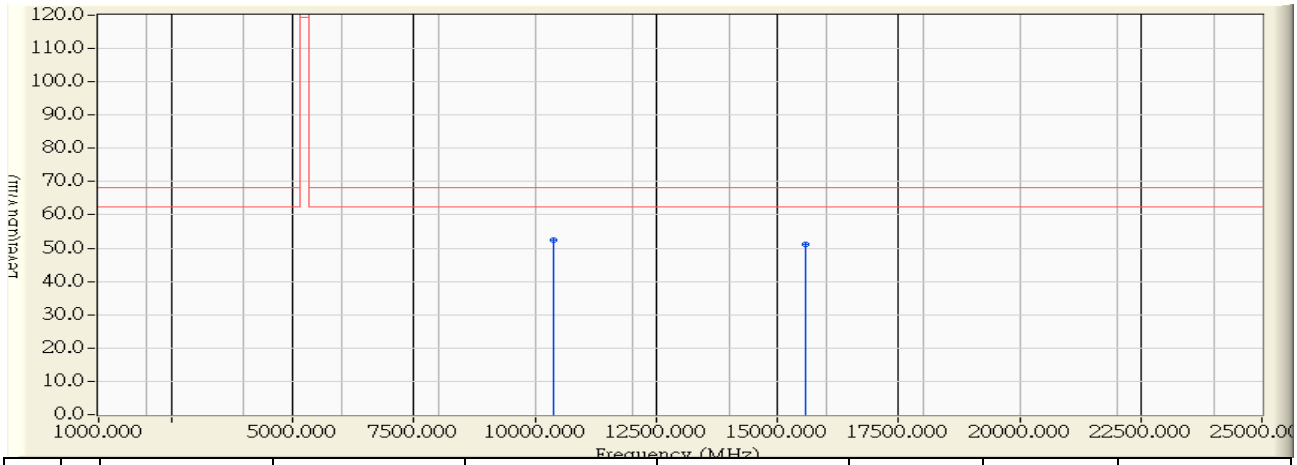


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10478.920	9.577	30.750	40.327	-13.673	54.000	AVERAGE
2	*	15718.200	8.919	33.070	41.989	-12.011	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/20 - 11:29**
Limit : FCC_SPARTE.407_H_Band1_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_ 802.11n40_5190 MHz**

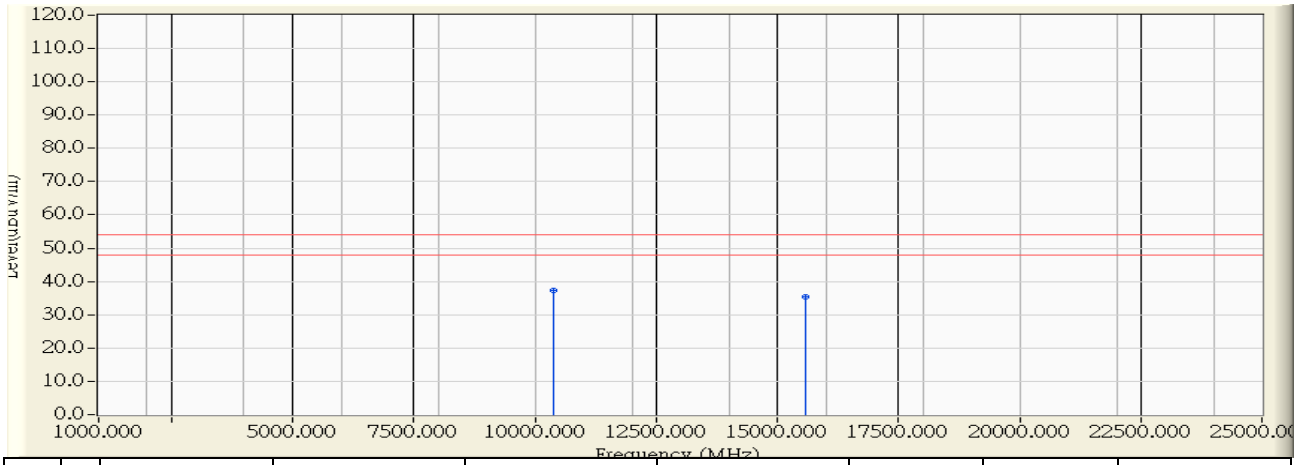


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	10379.490	9.755	42.720	52.476	-15.824	68.300	PEAK
2		15574.350	9.338	41.690	51.028	-17.272	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/20 - 11:33**
Limit : FCC_SPARTE.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_ 802.11n40_5190 MHz**

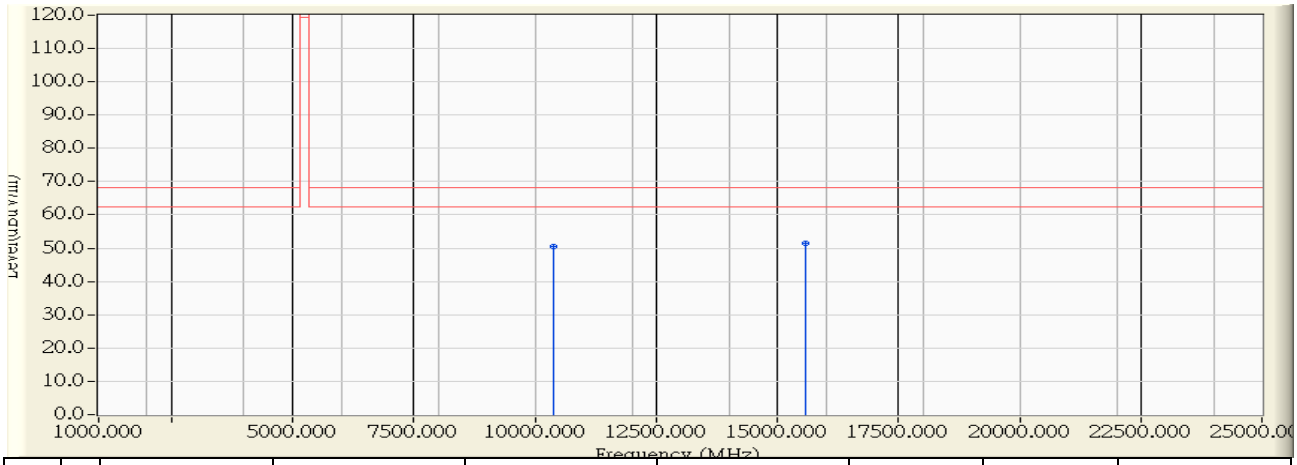


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	10380.210	9.754	27.620	37.374	-16.626	54.000	AVERAGE
2		15574.350	9.338	25.910	35.248	-18.752	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/20 - 11:38**
Limit : FCC_SPARTE.407_H_Band1_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_ 802.11n40_5190 MHz**

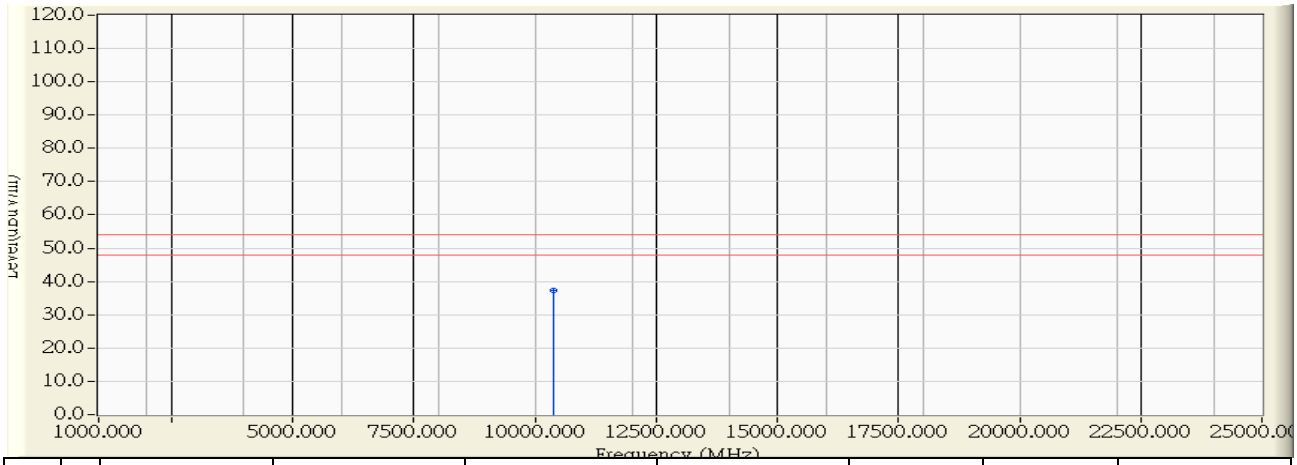


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10386.030	9.738	40.620	50.357	-17.943	68.300	PEAK
2	*	15581.880	9.316	42.100	51.416	-16.884	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/20 - 11:40**
Limit : FCC_SPARTE.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_ 802.11n40_5190 MHz**

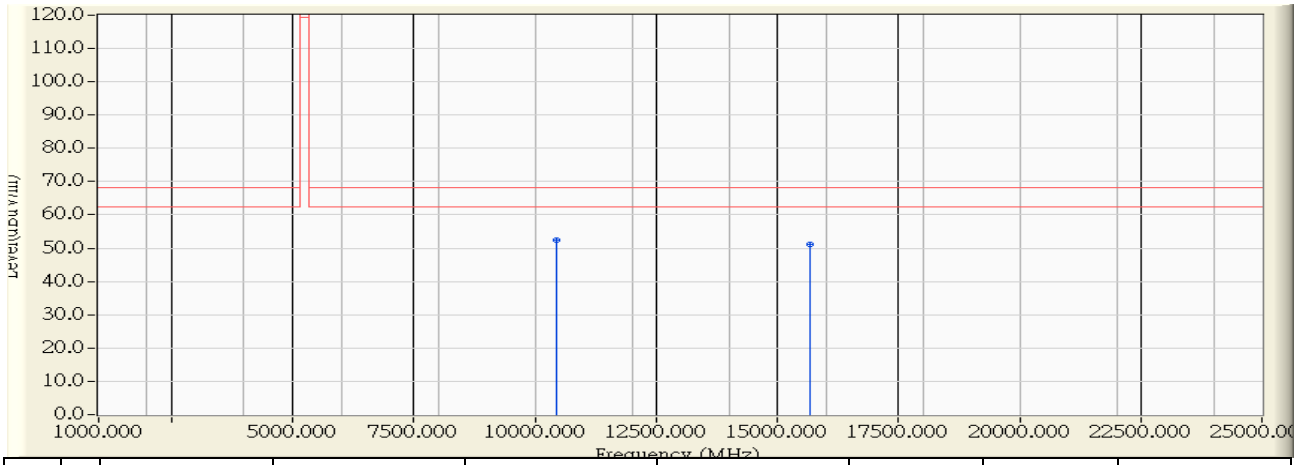


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	10380.060	9.753	27.610	37.364	-16.636	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/20 - 12:28**
Limit : FCC_SPARTE.407_H_Band1_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_ 802.11n40_5230 MHz**

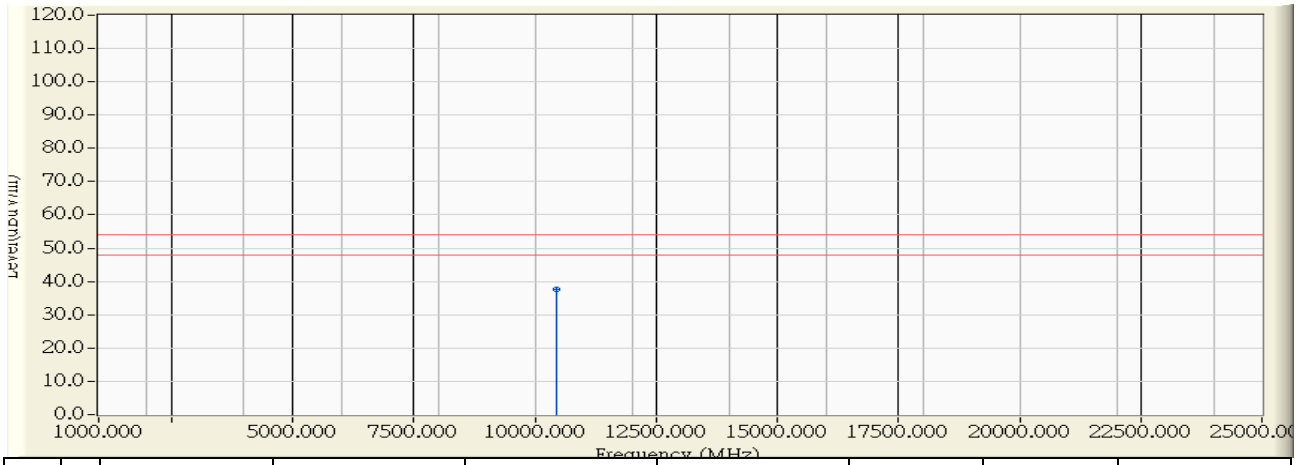


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	10456.680	9.547	42.860	52.407	-15.893	68.300	PEAK
2		15674.500	9.045	42.230	51.276	-17.024	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/20 - 12:29**
Limit : FCC_SPARTE.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_ 802.11n40_5230 MHz**

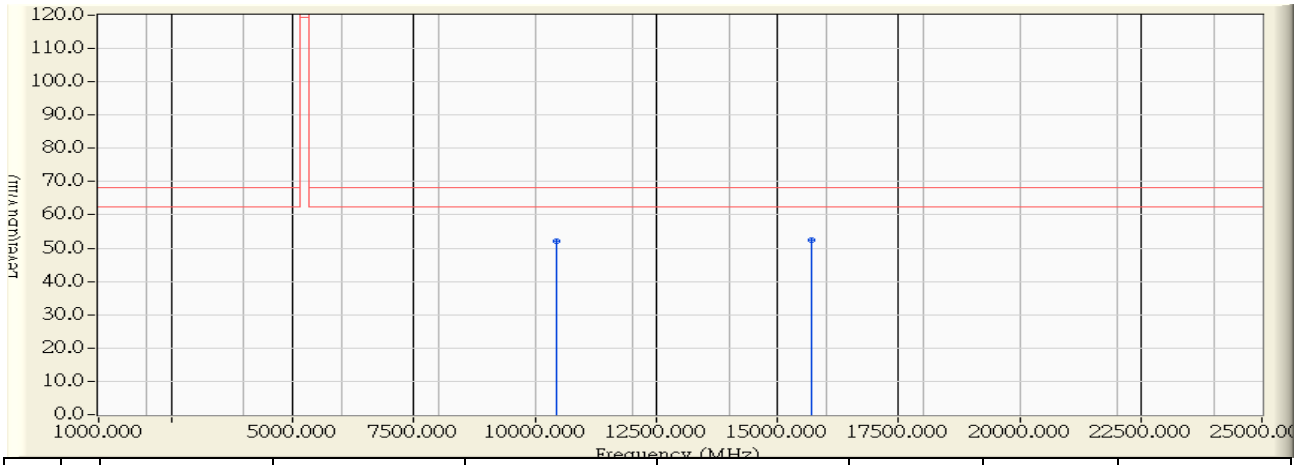


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	10460.040	9.541	28.110	37.652	-16.348	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/20 - 12:33**
Limit : FCC_SPARTE.407_H_Band1_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_ 802.11n40_5230 MHz**

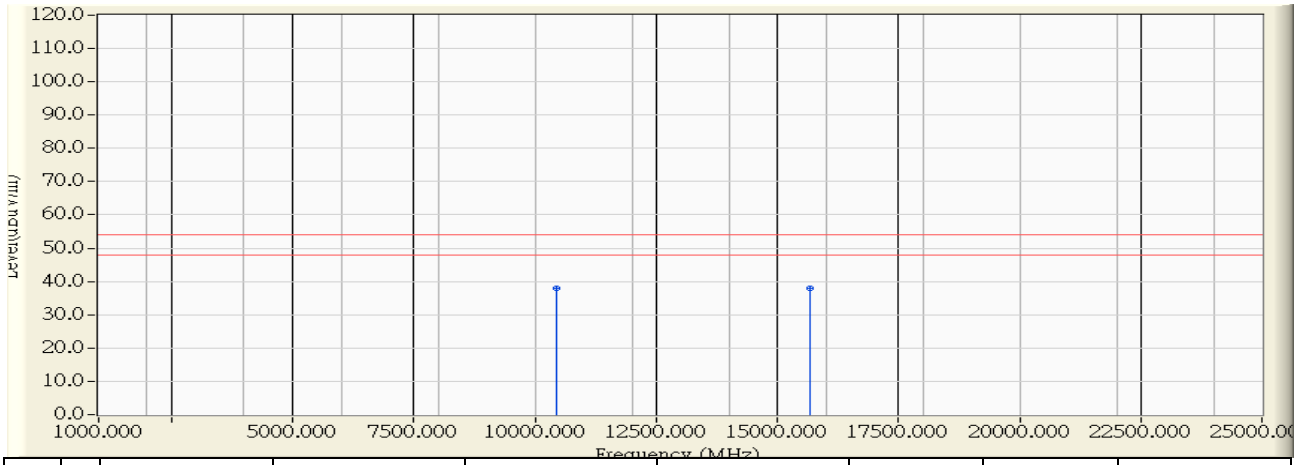


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10459.180	9.543	42.720	52.263	-16.037	68.300	PEAK
2	*	15695.040	8.986	43.540	52.526	-15.774	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/20 - 12:33**
Limit : FCC_SPARTE.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_ 802.11n40_5230 MHz**

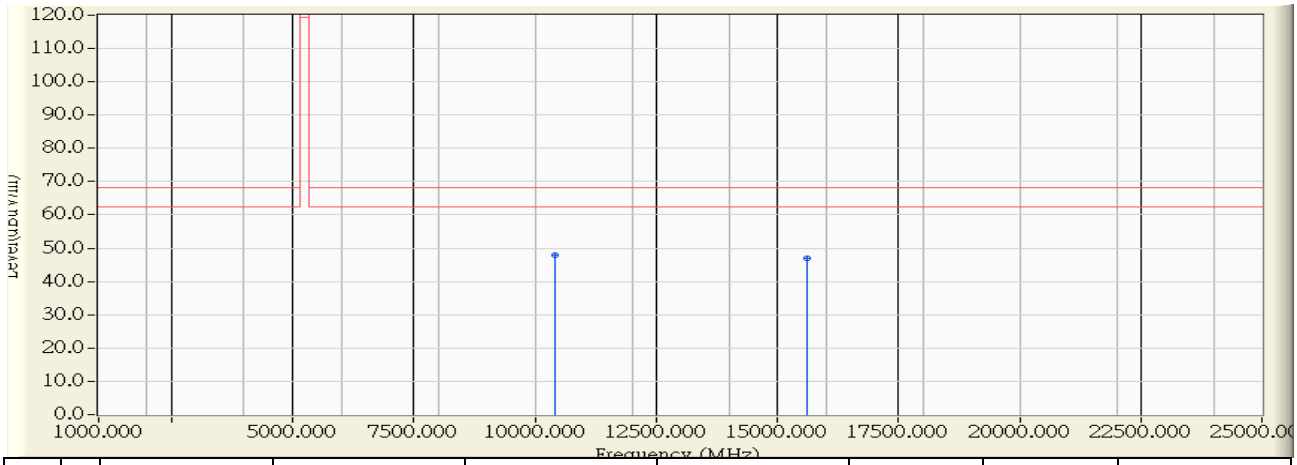


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10460.180	9.541	28.440	37.981	-16.019	54.000	AVERAGE
2	*	15685.360	9.014	29.070	38.084	-15.916	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/20 - 10:48**
Limit : FCC_SPARTE.407_H_Band1_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_ 802.11ac80_5210 MHz**

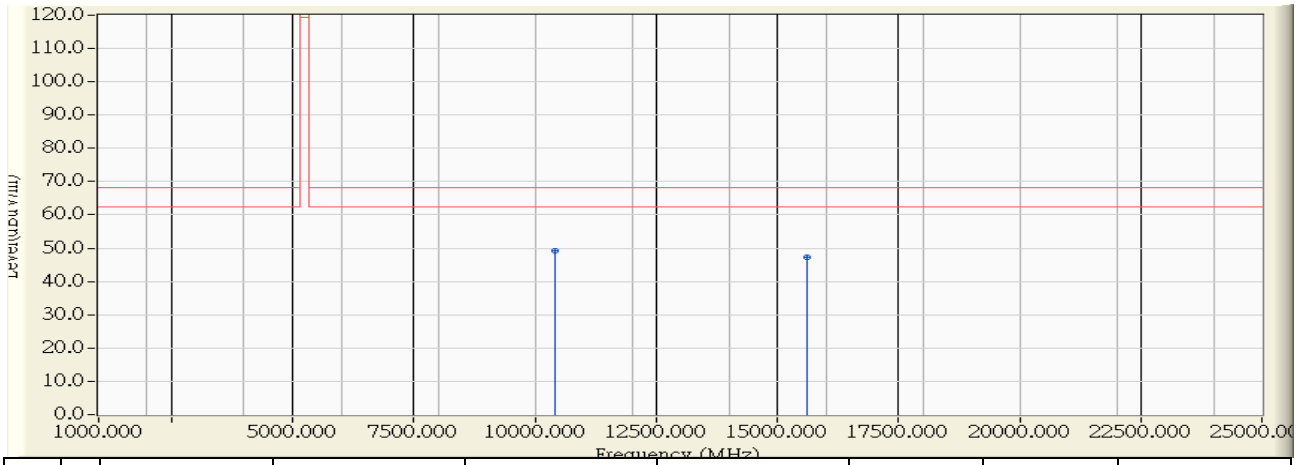


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	10417.300	9.651	38.370	48.021	-20.279	68.300	PEAK
2		15625.670	9.188	37.800	46.988	-21.312	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/20 - 10:51**
Limit : FCC_SPARTE.407_H_Band1_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_ 802.11ac80_5210MHz**

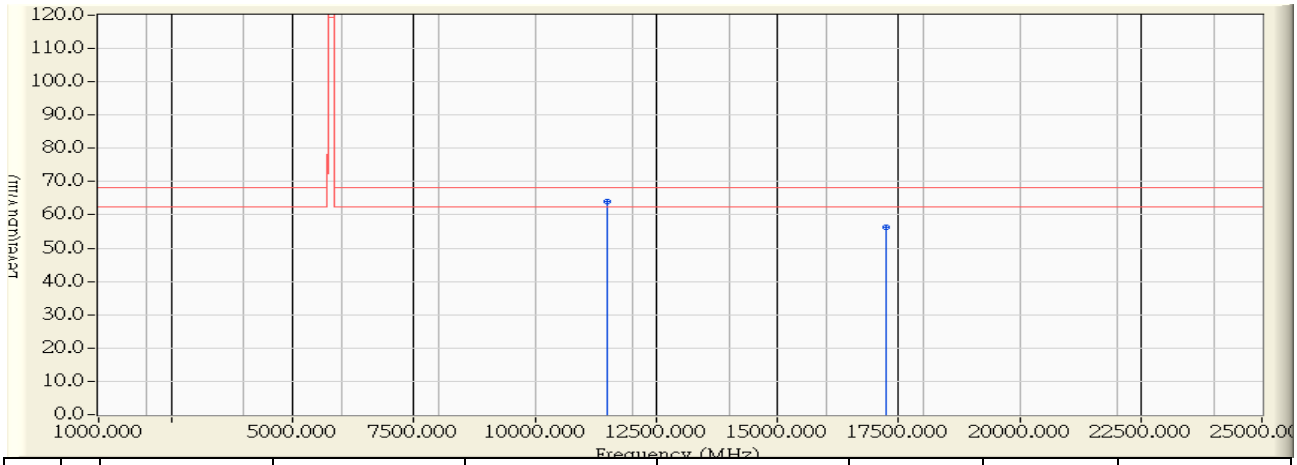


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	10420.790	9.641	39.650	49.291	-19.009	68.300	PEAK
2		15626.840	9.184	37.970	47.155	-21.145	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/24 - 12:27**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 1: Transmit (CDD Mode)_802.11a_5745MHz**

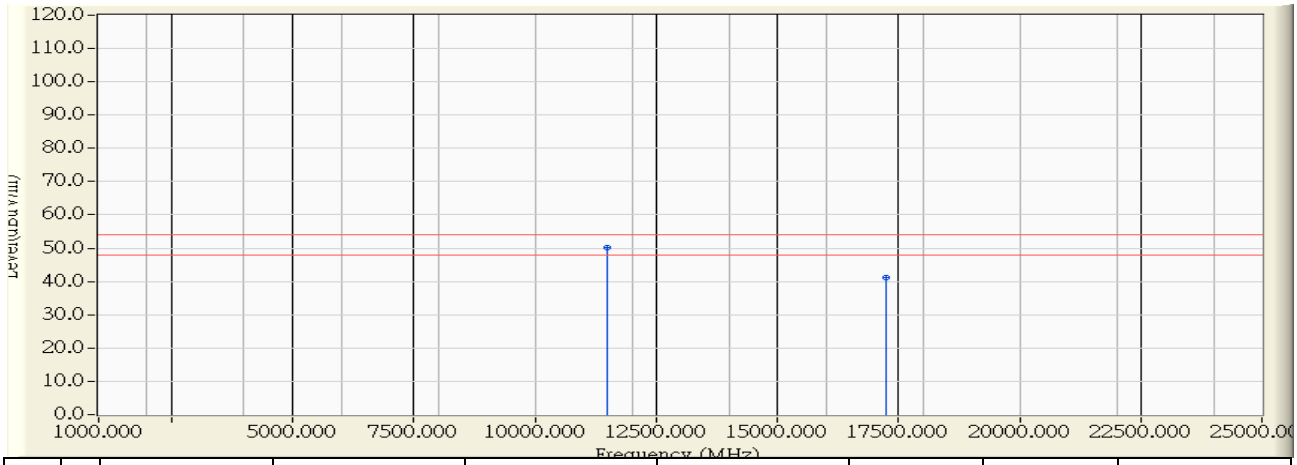


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11492.640	11.069	52.960	64.028	-4.272	68.300	PEAK
2		17232.400	13.675	42.750	56.425	-11.875	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/24 - 12:27**
Limit : FCC_SPARTE_15.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 1: Transmit (CDD Mode)_802.11a_5745MHz**

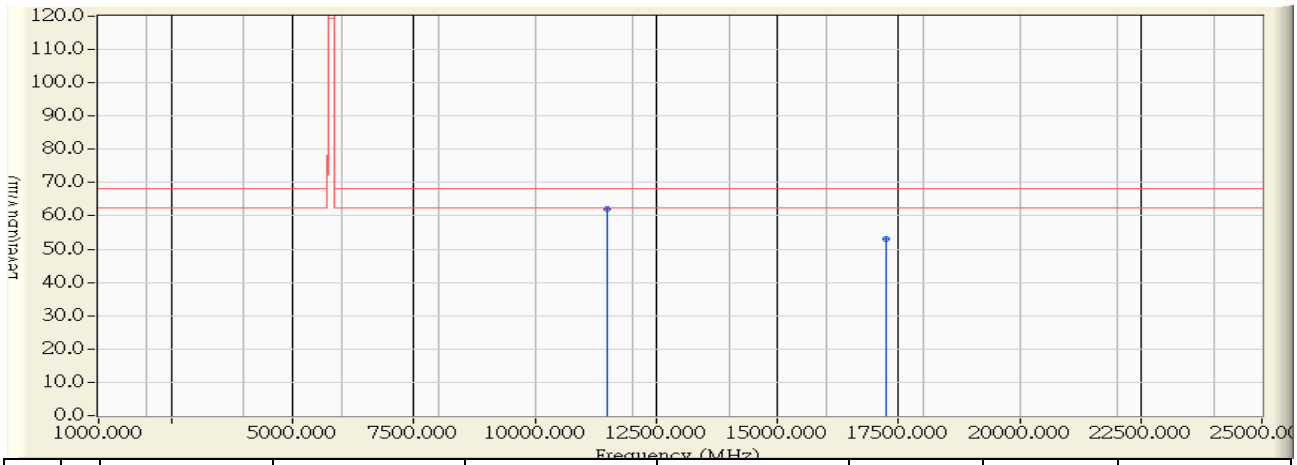


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11489.580	11.075	39.220	50.295	-3.705	54.000	AVERAGE
2		17235.920	13.671	27.504	41.175	-12.825	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/24 - 14:19**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 1: Transmit (CDD Mode)_802.11a_5745MHz**

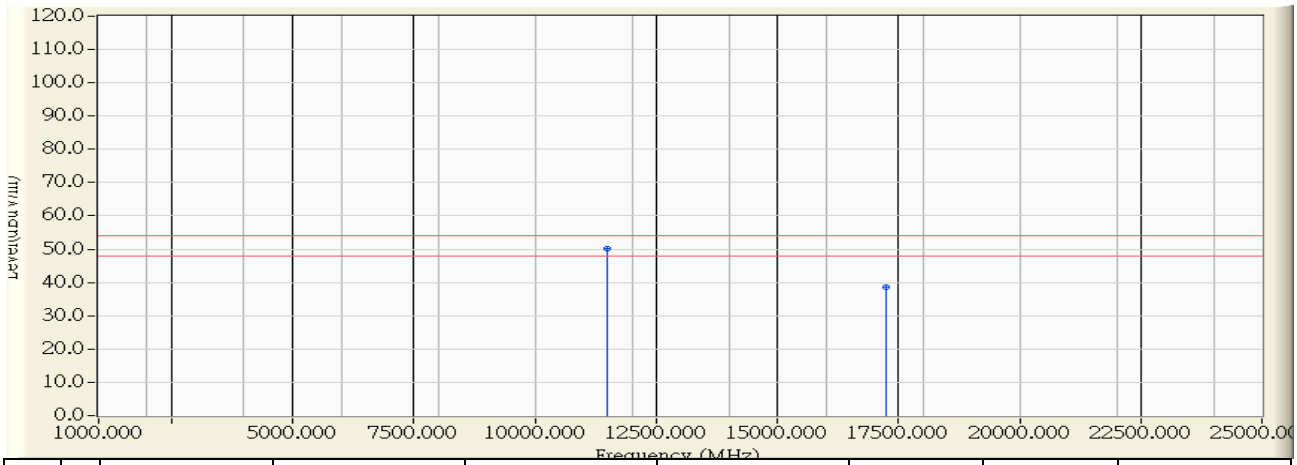


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11488.750	11.077	51.140	62.217	-6.083	68.300	PEAK
2		17235.520	13.672	39.450	53.122	-15.178	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/08/13 - 14:29**
Limit : FCC_SPARTE_15.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 1: Transmit (CDD Mode)_802.11a_5745MHz**

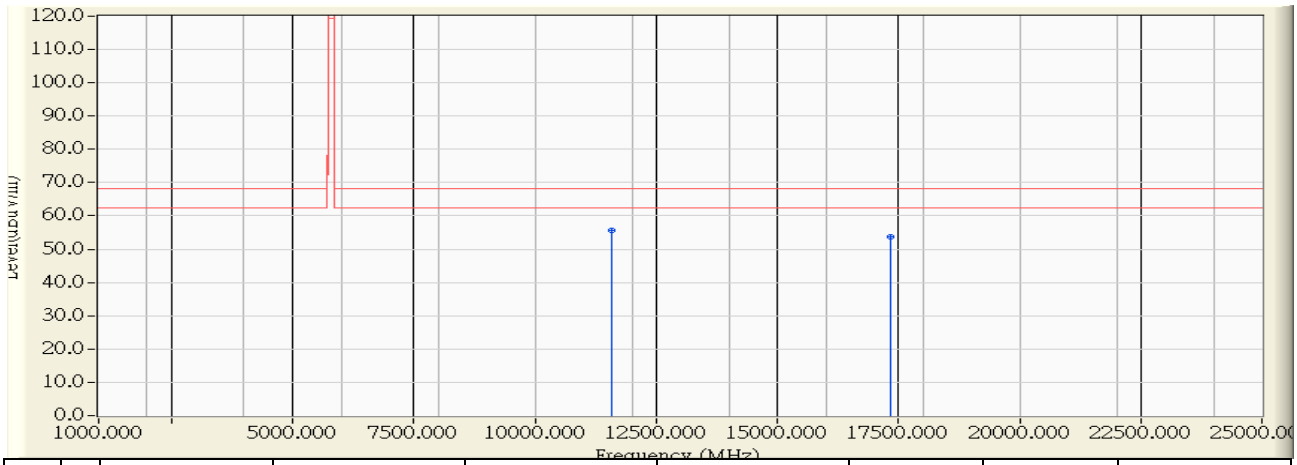


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11490.510	11.073	39.060	50.133	-3.867	54.000	AVERAGE
2		17236.939	13.671	24.880	38.550	-15.450	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/08/15 - 01:14**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 1: Transmit (CDD Mode)_802.11a_5785MHz**

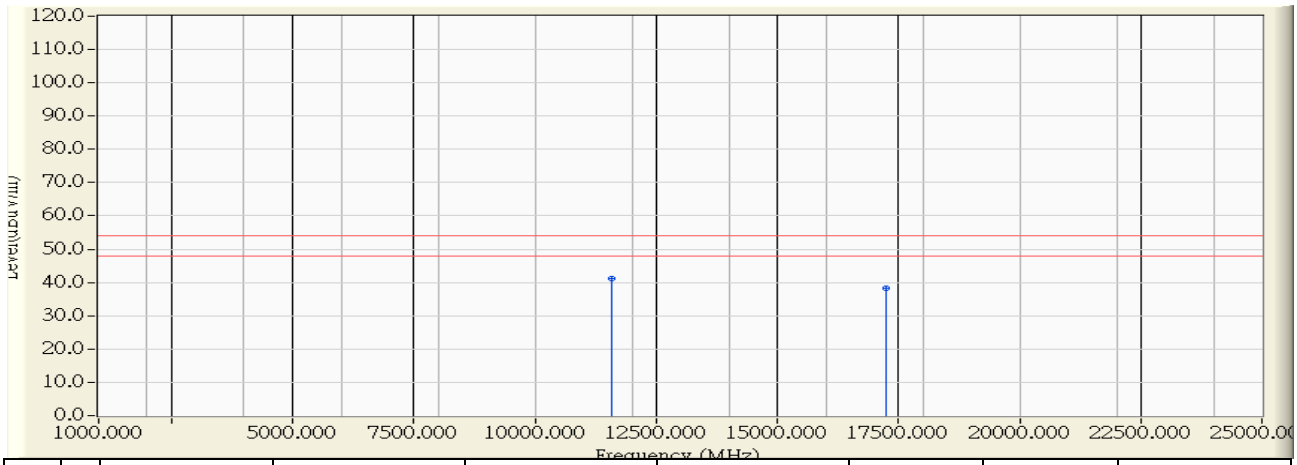


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11572.600	11.448	44.270	55.718	-12.582	68.300	PEAK
2		17348.680	16.101	37.650	53.751	-14.549	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/08/15 - 01:14**
Limit : FCC_SPARTE_15.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 1: Transmit (CDD Mode)_802.11a_5785MHz**

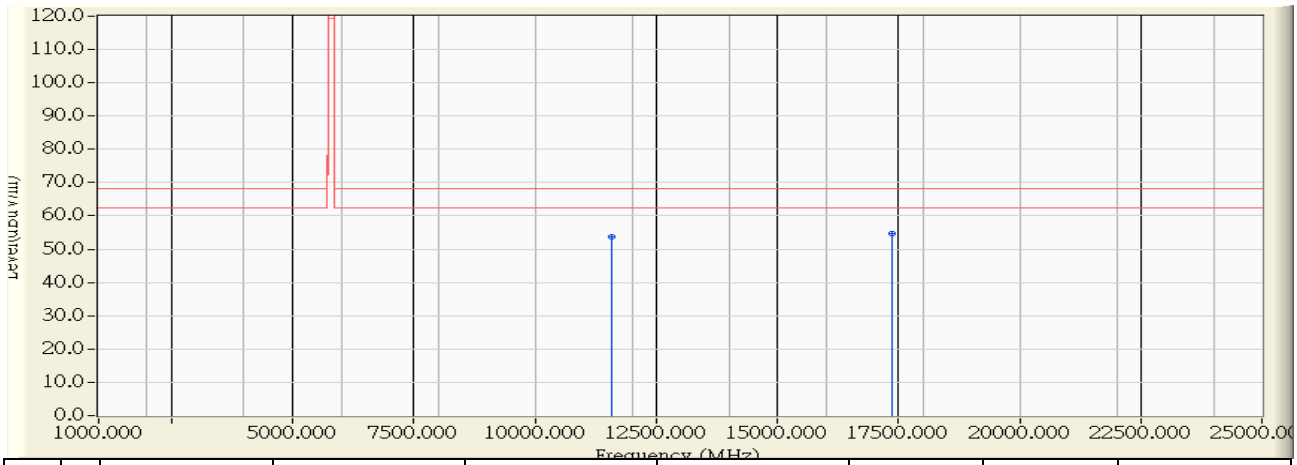


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11570.180	11.450	29.600	41.050	-12.950	54.000	AVERAGE
2		17253.000	15.661	22.600	38.261	-15.739	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/08/15 - 01:16**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 1: Transmit (CDD Mode)_802.11a_5785MHz**

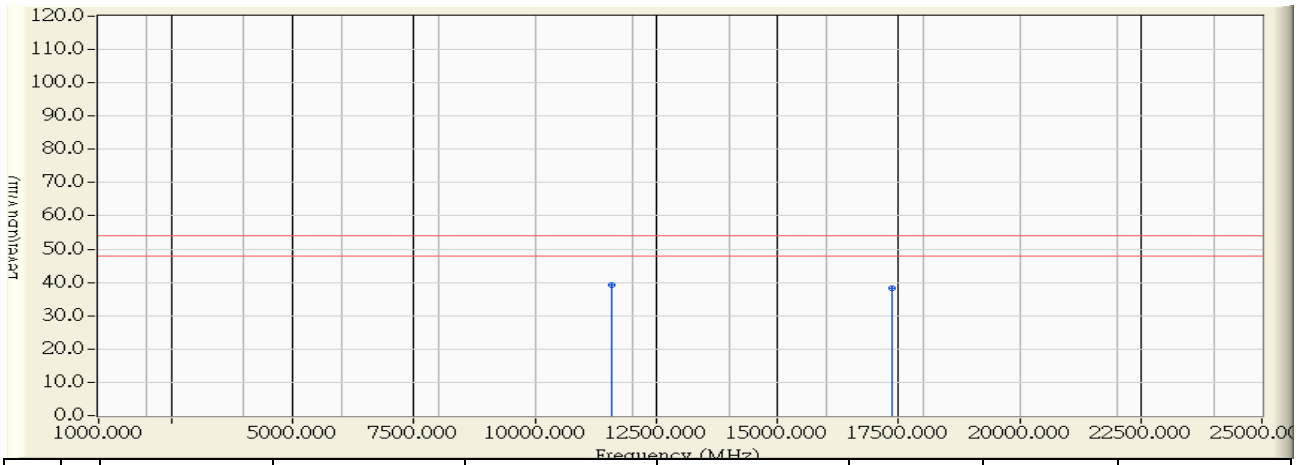


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		11573.320	11.449	42.330	53.778	-14.522	68.300	PEAK
2	*	17357.100	16.140	38.640	54.780	-13.520	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/08/15 - 01:20**
Limit : FCC_SPARTE_15.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 1: Transmit (CDD Mode)_802.11a_5785MHz**

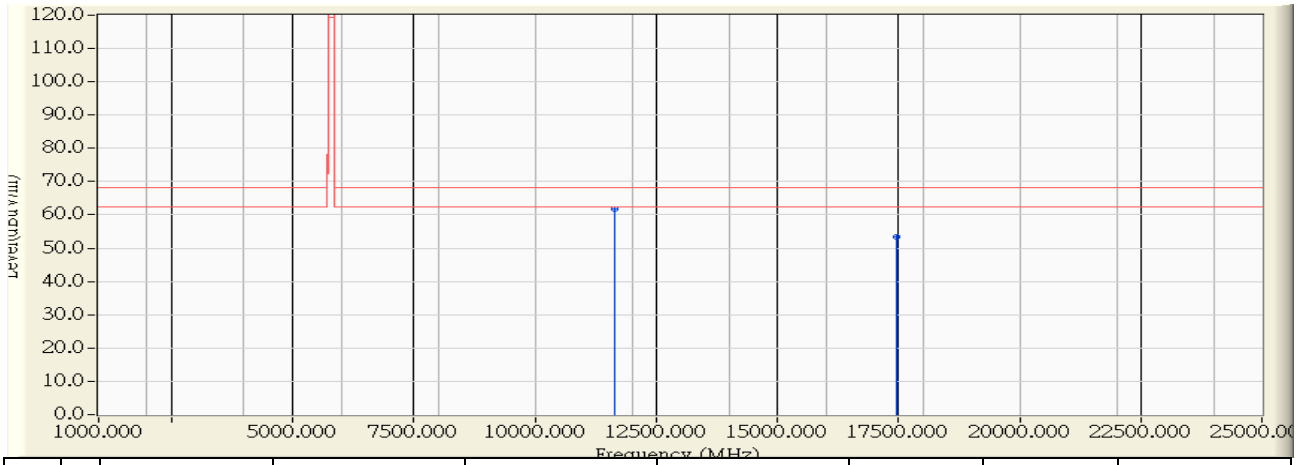


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11570.020	11.450	27.960	39.410	-14.590	54.000	AVERAGE
2		17354.040	16.126	22.230	38.356	-15.644	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/24 - 16:35**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 1: Transmit (CDD Mode)_802.11a_5825MHz**

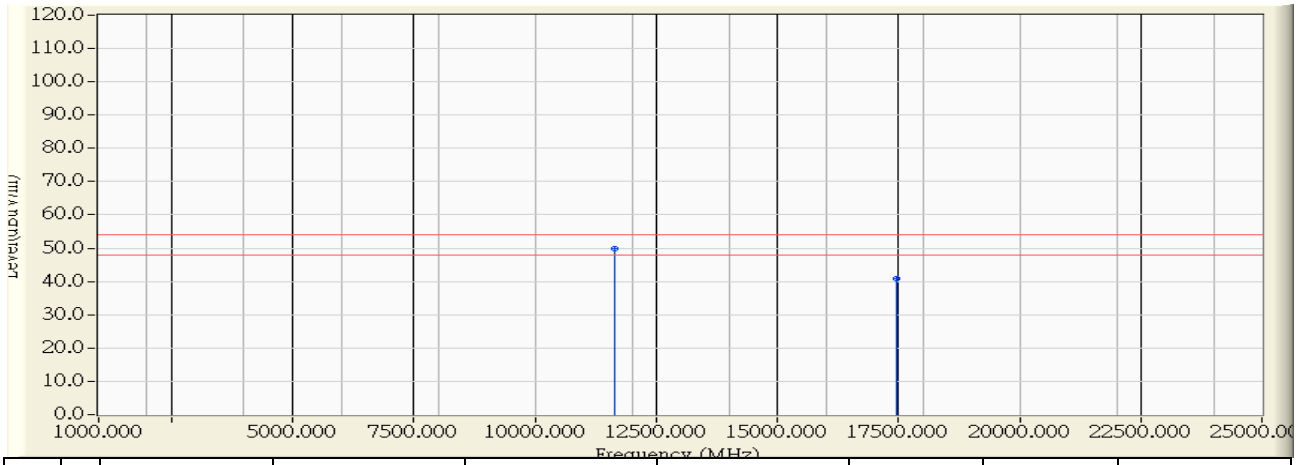


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11649.580	10.695	51.140	61.835	-6.465	68.300	PEAK
2		17474.400	13.569	39.830	53.399	-14.901	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/24 - 16:36**
Limit : FCC_SPARTE_15.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 1: Transmit (CDD Mode)_802.11 a_5825MHz**

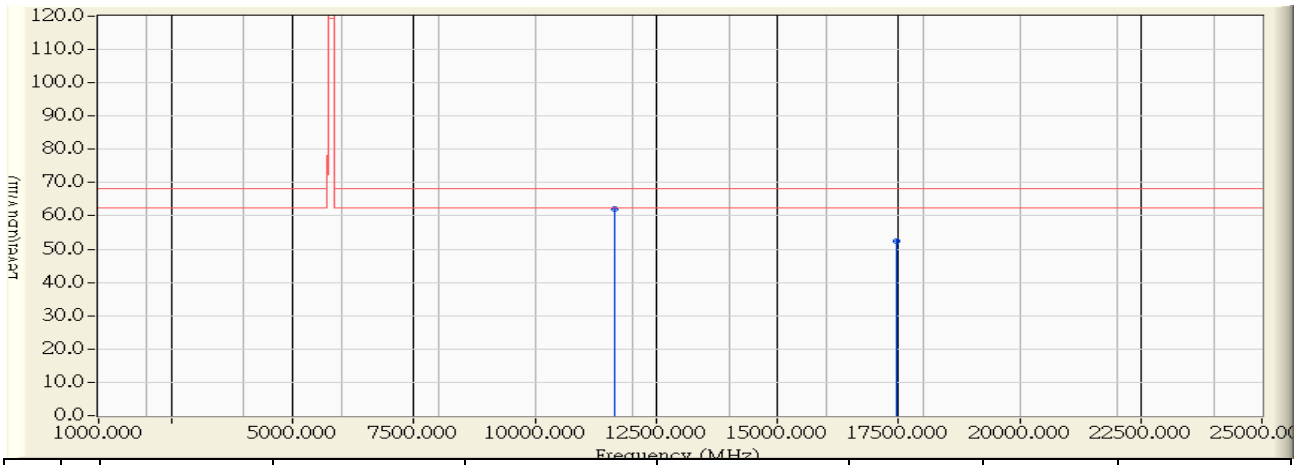


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11649.260	10.696	39.210	49.906	-4.094	54.000	AVERAGE
2		17475.300	13.583	27.430	41.013	-12.987	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/24 - 16:56**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 1: Transmit (CDD Mode)_802.11a_5825MHz**

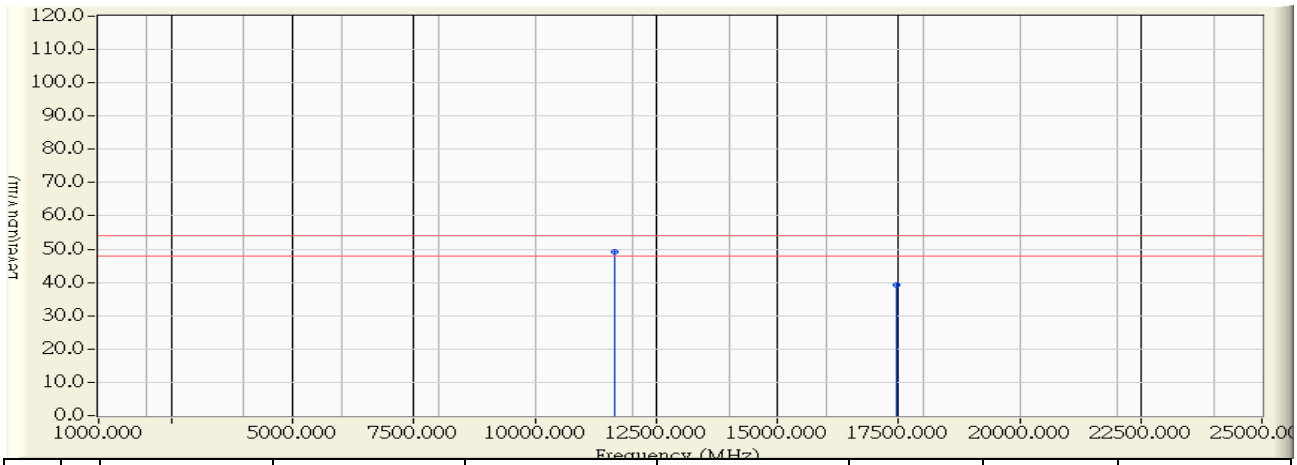


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11649.840	10.694	51.500	62.194	-6.106	68.300	PEAK
2		17474.260	13.567	38.790	52.357	-15.943	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/24 - 16:57**
Limit : FCC_SPARTE_15.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 1: Transmit (CDD Mode)_802.11a_5825MHz**

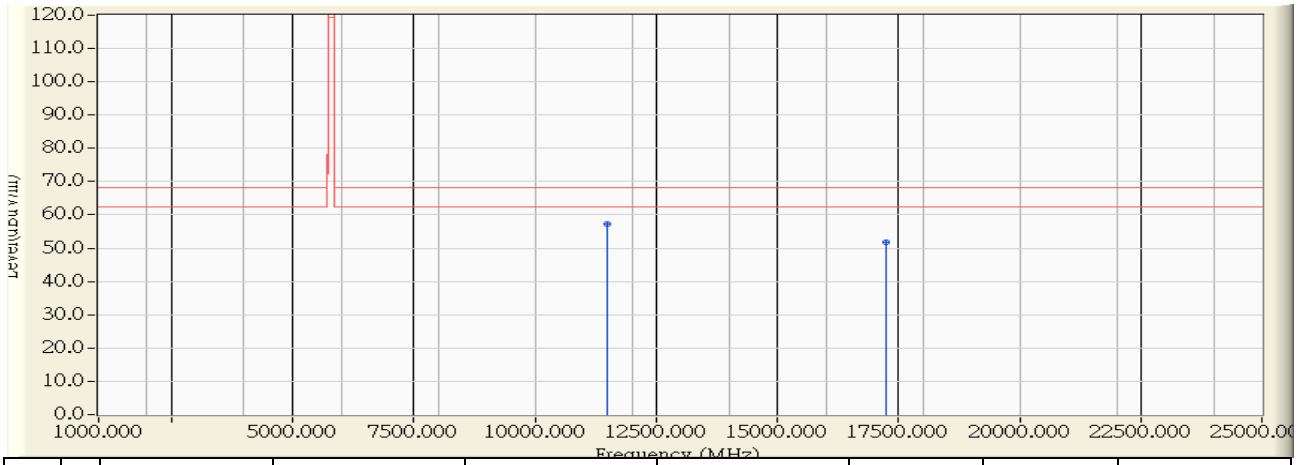


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11649.840	10.694	38.520	49.214	-4.786	54.000	AVERAGE
2		17474.780	13.575	25.590	39.165	-14.835	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/24 - 14:20**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_ 802.11n20_5745MHz**

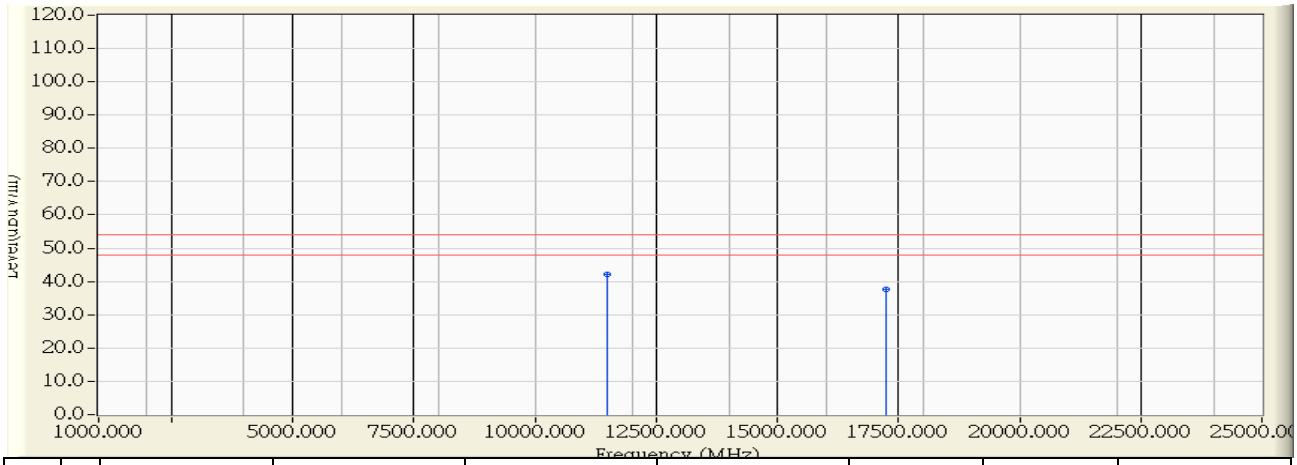


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11494.990	11.063	46.180	57.242	-11.058	68.300	PEAK
2		17234.359	13.673	38.050	51.723	-16.577	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/08/13 - 14:32**
Limit : FCC_SPARTE_15.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_ 802.11n20_5745MHz**

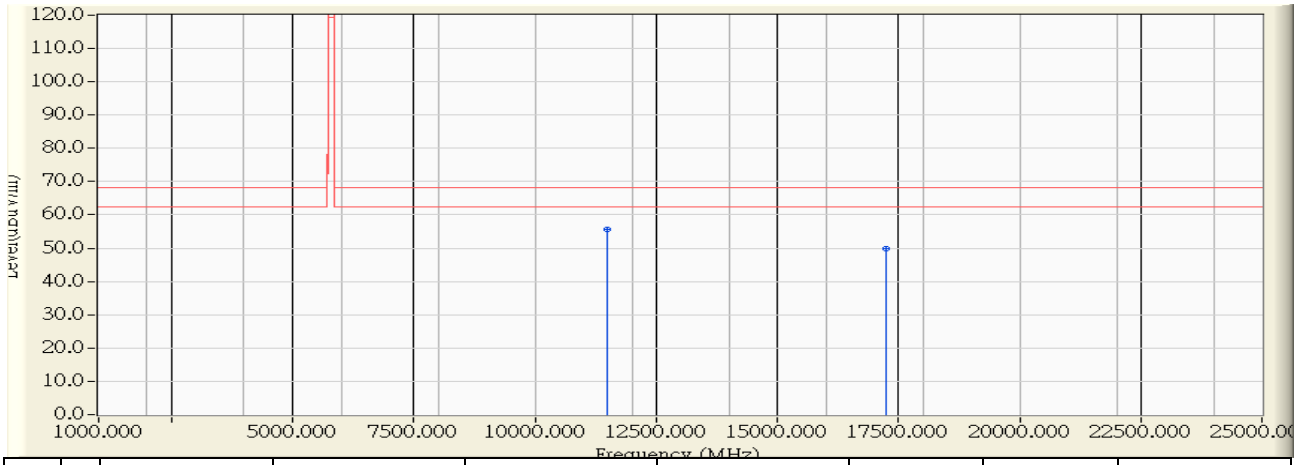


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11494.990	11.063	31.200	42.262	-11.738	54.000	AVERAGE
2		17234.359	13.673	23.880	37.553	-16.447	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/24 - 14:21**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_ 802.11n20_5745MHz**

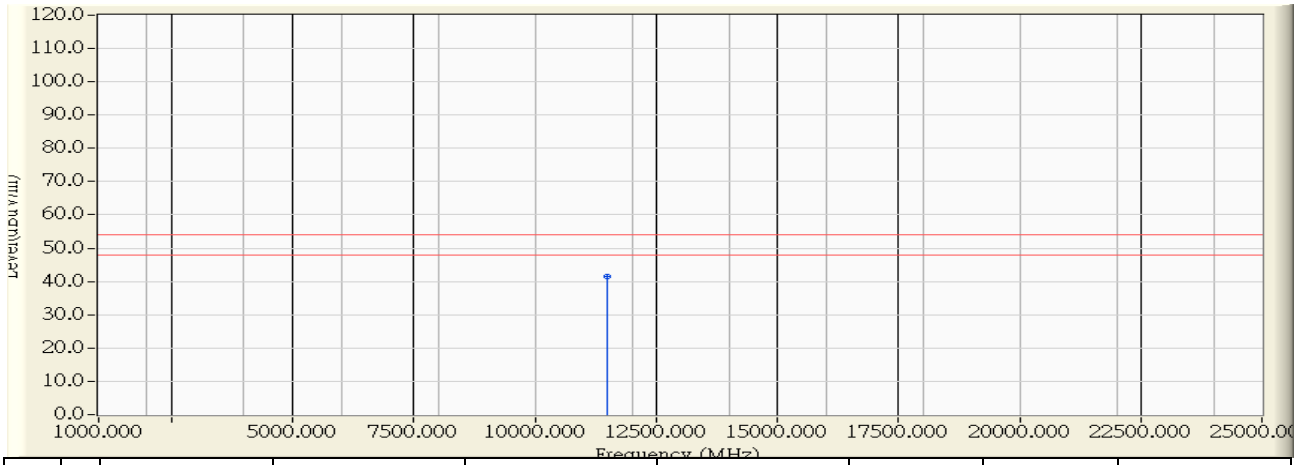


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11492.630	11.069	44.460	55.528	-12.772	68.300	PEAK
2		17243.240	13.664	36.220	49.884	-18.416	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/08/13 - 14:32**
Limit : FCC_SPARTE_15.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_ 802.11n20_5745MHz**

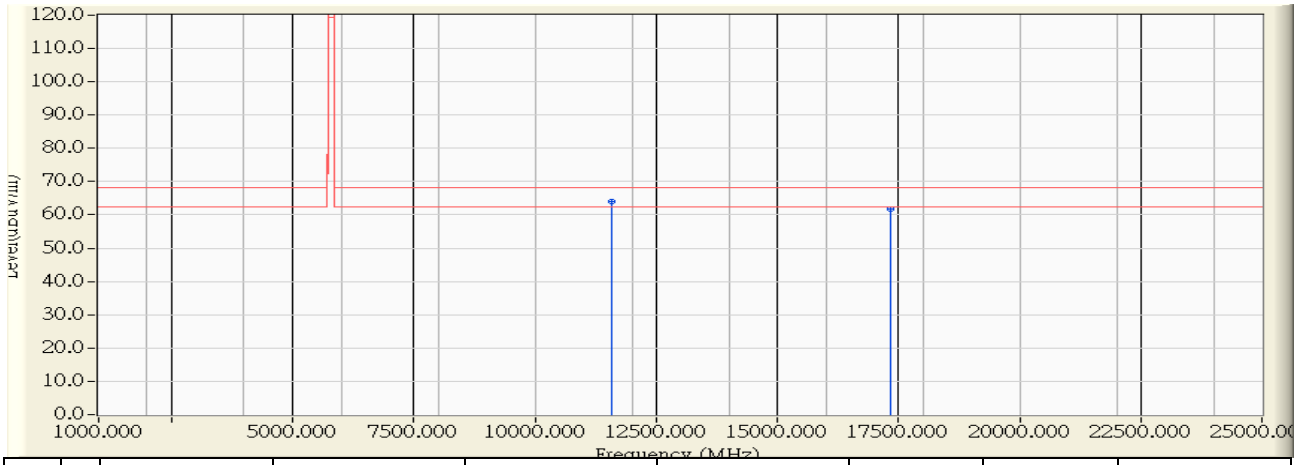


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11492.630	11.069	30.290	41.358	-12.642	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/24 - 15:46**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_ 802.11n20_5785MHz**

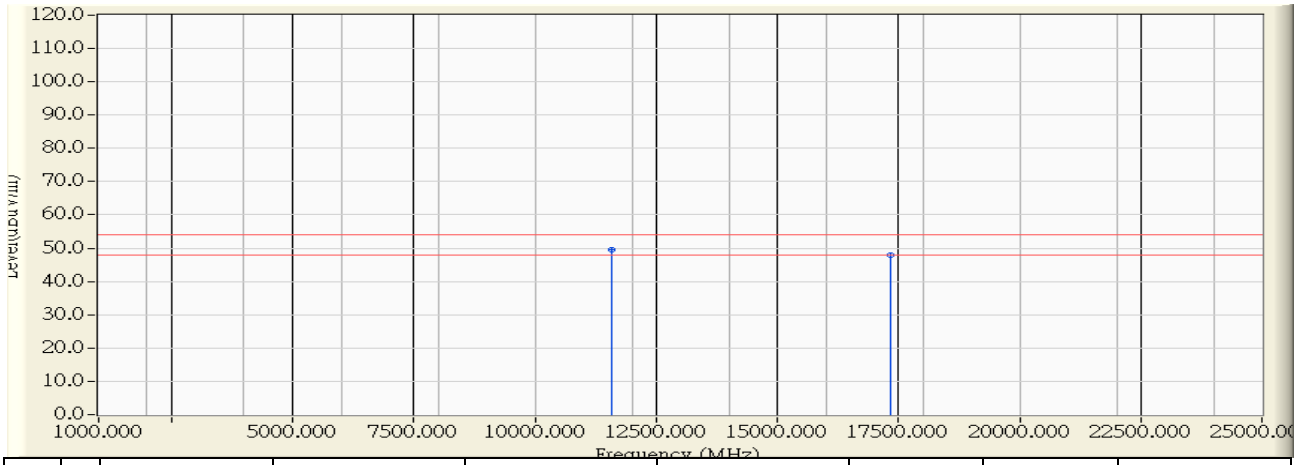


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11573.220	10.877	53.160	64.036	-4.264	68.300	PEAK
2		17352.040	13.555	48.120	61.675	-6.625	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/24 - 15:50**
Limit : FCC_SPARTE_15.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_ 802.11n20_5785MHz**

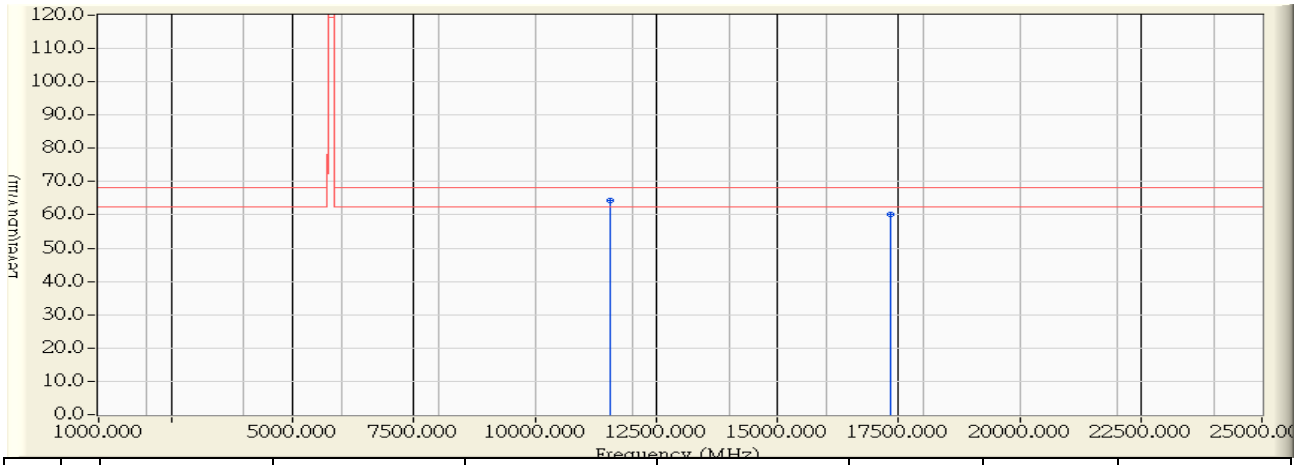


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11571.220	10.881	38.740	49.621	-4.379	54.000	AVERAGE
2		17353.390	13.554	34.260	47.814	-6.186	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/24 - 15:53**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_ 802.11n20_5785MHz**

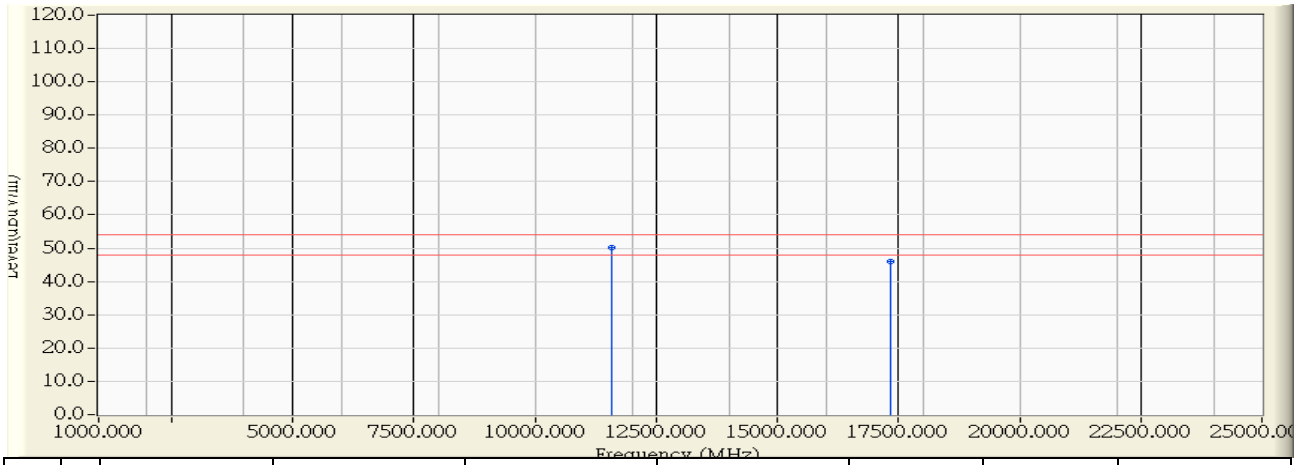


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11565.570	10.894	53.340	64.235	-4.065	68.300	PEAK
2		17352.340	13.555	46.580	60.135	-8.165	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/24 - 16:00**
Limit : FCC_SPARTE_15.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_ 802.11n20_5785MHz**

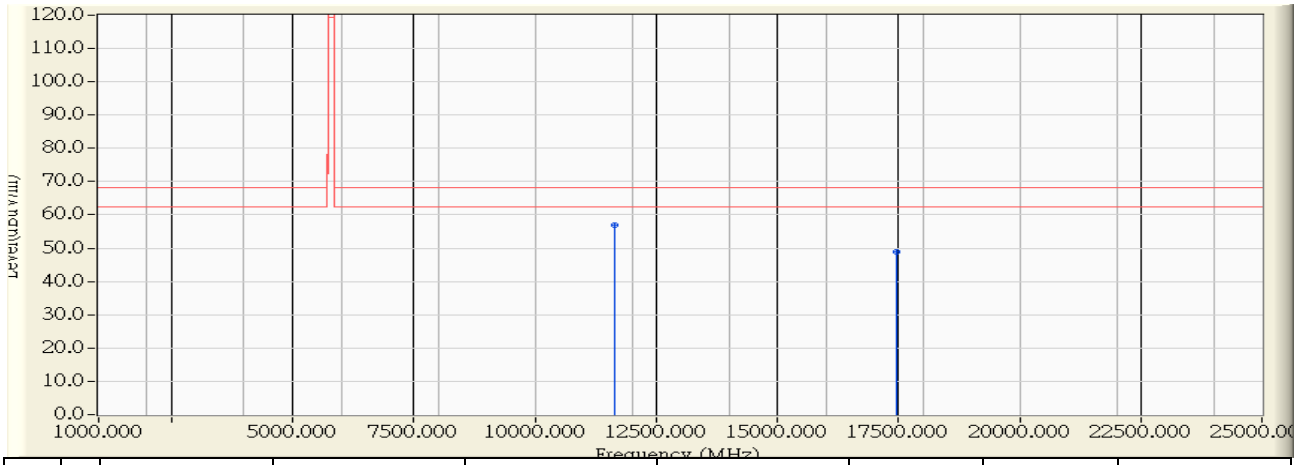


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11571.180	10.882	39.440	50.321	-3.679	54.000	AVERAGE
2		17352.340	13.555	32.590	46.145	-7.855	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/24 - 17:06**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_ 802.11n20_5825MHz**

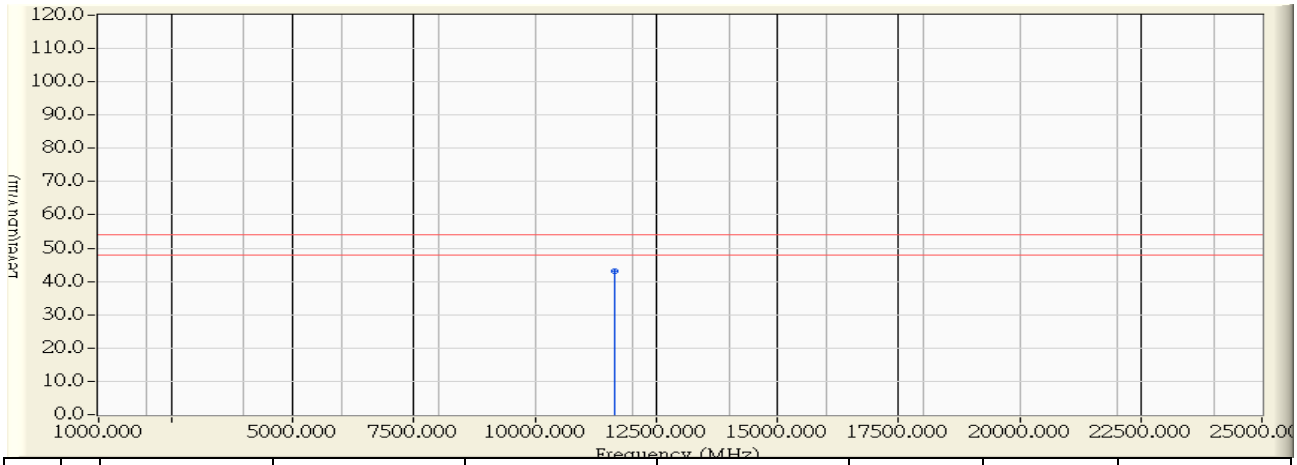


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11642.760	10.711	46.380	57.091	-11.209	68.300	PEAK
2		17474.140	13.566	35.440	49.005	-19.295	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/24 - 17:07**
Limit : FCC_SPARTE_15.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_ 802.11n20_5825MHz**

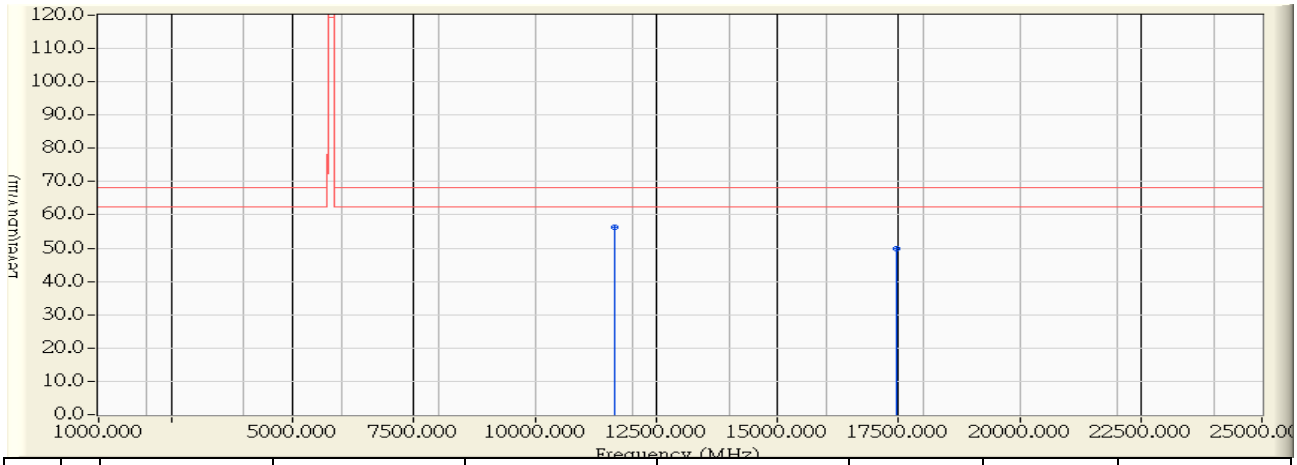


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11649.140	10.696	32.420	43.116	-10.884	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/24 - 17:14**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_ 802.11 n(20M)_5825MHz**

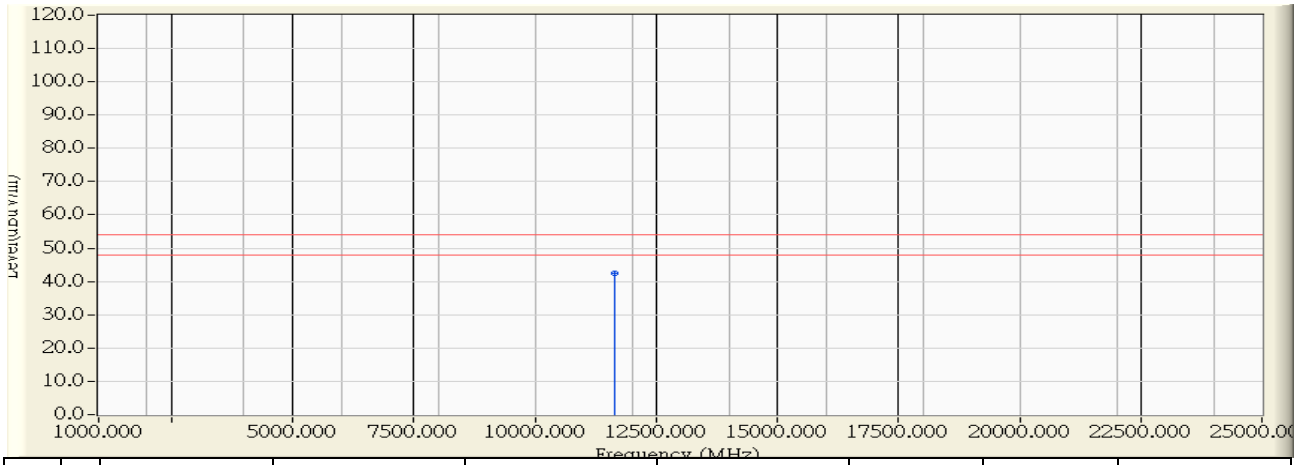


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11655.680	10.681	45.780	56.460	-11.840	68.300	PEAK
2		17476.800	13.606	36.280	49.886	-18.414	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/24 - 17:14**
Limit : FCC_SPARTE_15.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_ 802.11n20_5825MHz**

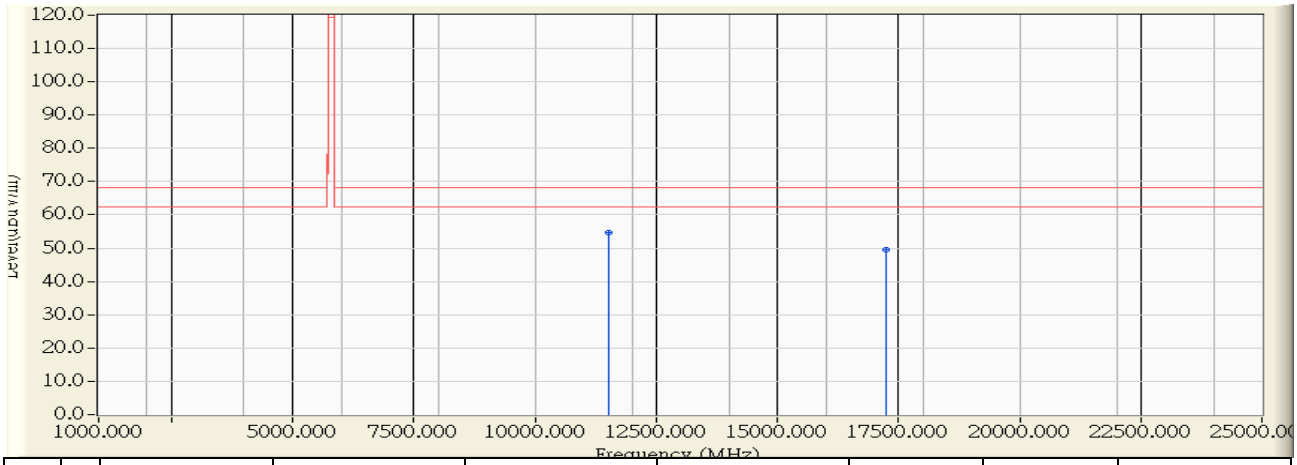


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11650.140	10.693	31.850	42.544	-11.456	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/24 - 14:22**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_ 802.11n40_5755MHz**

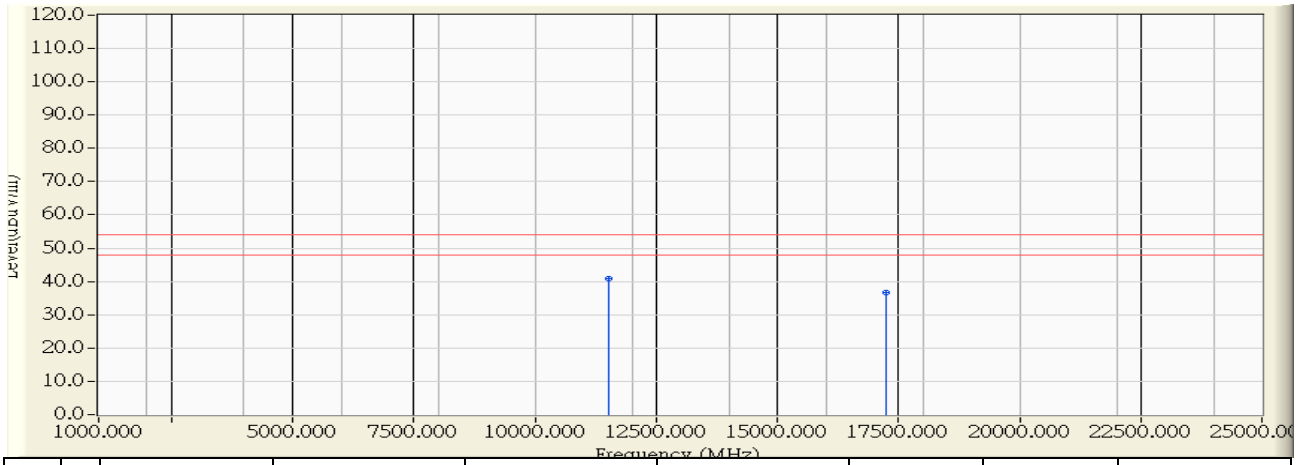


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11509.200	11.029	43.730	54.759	-13.541	68.300	PEAK
2		17256.461	13.650	35.980	49.631	-18.669	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/08/13 - 14:33**
Limit : FCC_SPARTE_15.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_ 802.11n40_5755MHz**

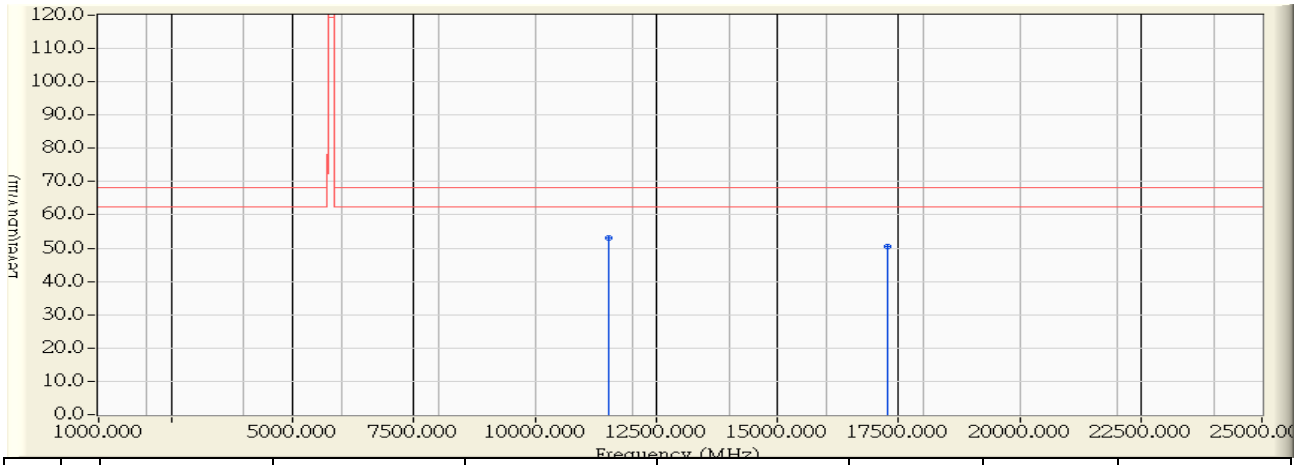


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11509.120	11.029	29.700	40.729	-13.271	54.000	AVERAGE
2		17255.859	13.651	23.170	36.821	-17.179	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/24 - 14:30**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_ 802.11n40_5755MHz**

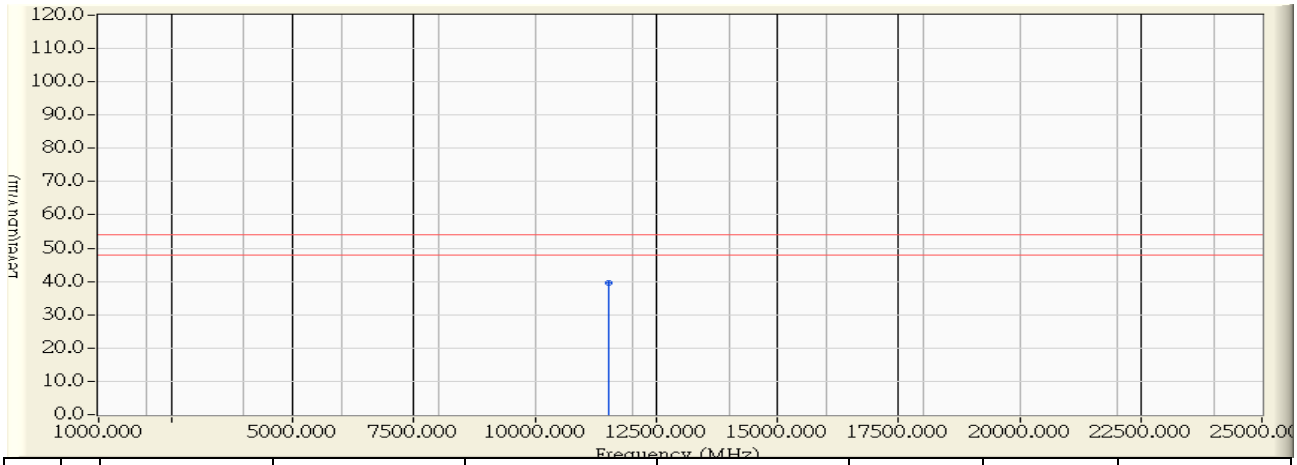


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11514.840	11.015	42.170	53.185	-15.115	68.300	PEAK
2		17284.500	13.622	36.920	50.543	-17.757	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/24 - 14:31**
Limit : FCC_SPARTE_15.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_ 802.11 n(40M)_5755MHz**

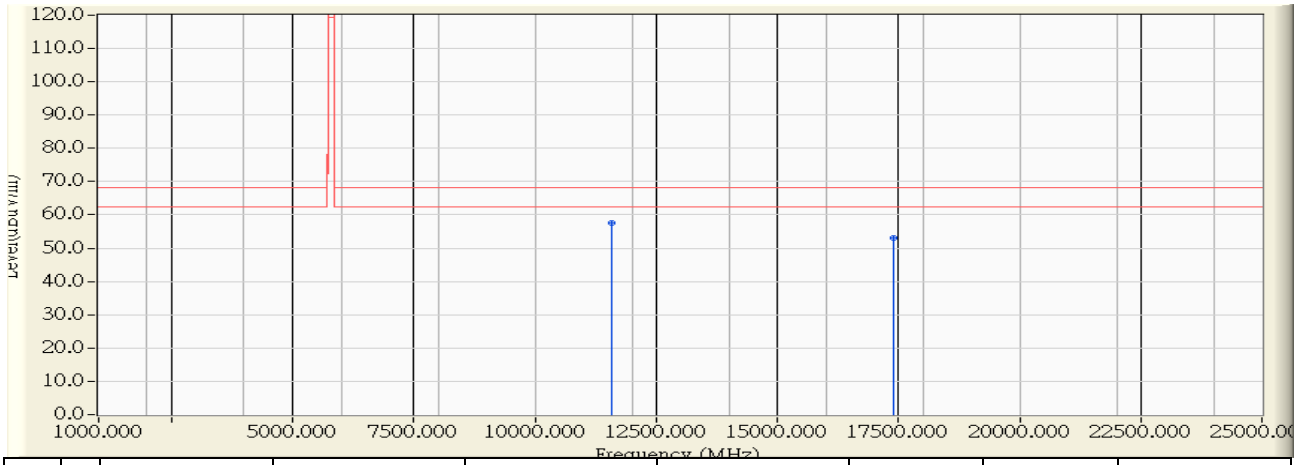


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11510.040	11.026	28.590	39.617	-14.383	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/24 - 16:09**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_ 802.11n40_5795MHz**

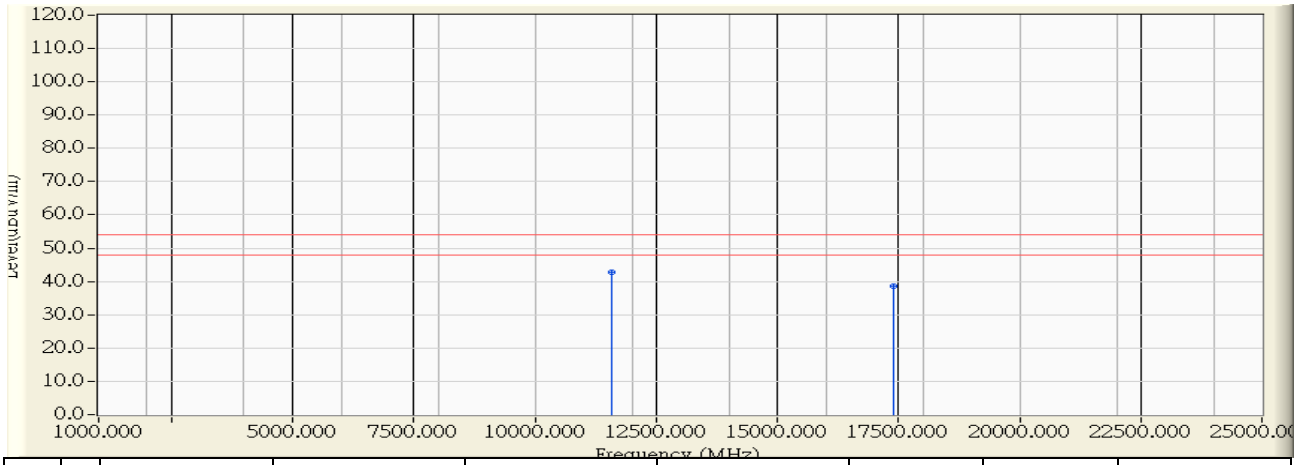


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11589.360	10.838	46.590	57.428	-10.872	68.300	PEAK
2		17389.420	13.517	39.580	53.098	-15.202	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/24 - 16:09**
Limit : FCC_SPARTE_15.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_ 802.11n40_5795MHz**

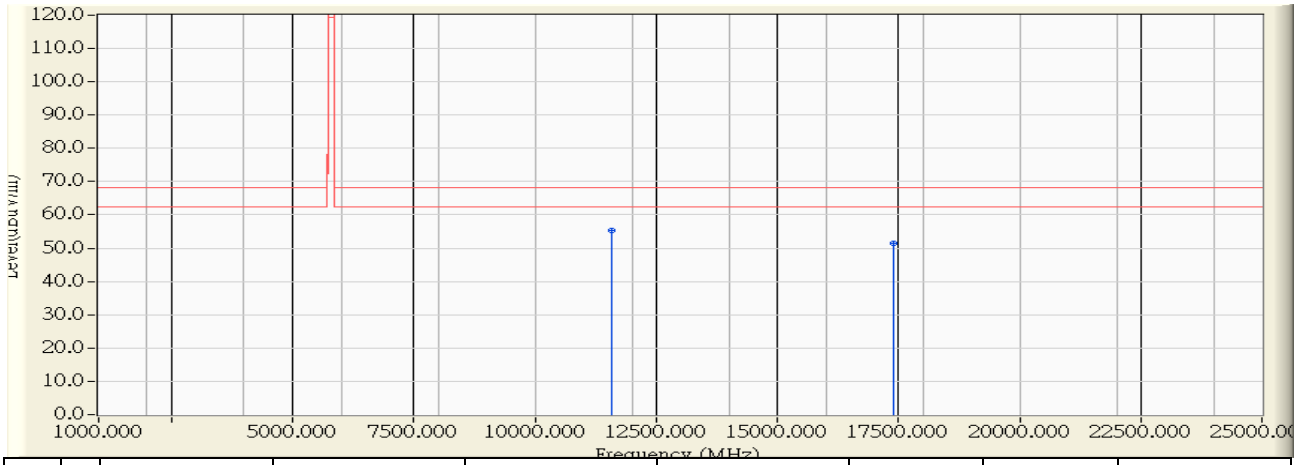


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11589.360	10.838	31.940	42.778	-11.222	54.000	AVERAGE
2		17390.160	13.517	25.070	38.587	-15.413	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/24 - 16:25**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_802.11 n(40M)_ 5795MHz**

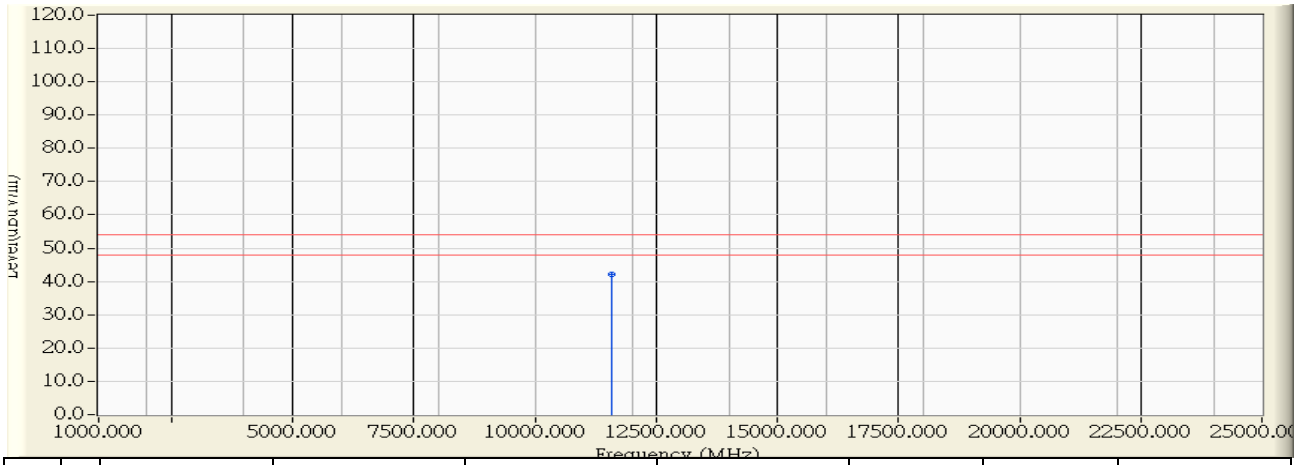


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11591.320	44.958	44.440	55.273	-13.027	68.300	PEAK
2		17389.180	46.218	37.930	51.448	-16.852	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/24 - 16:26**
Limit : FCC_SPARTE_15.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_ 802.11n40_5795MHz**

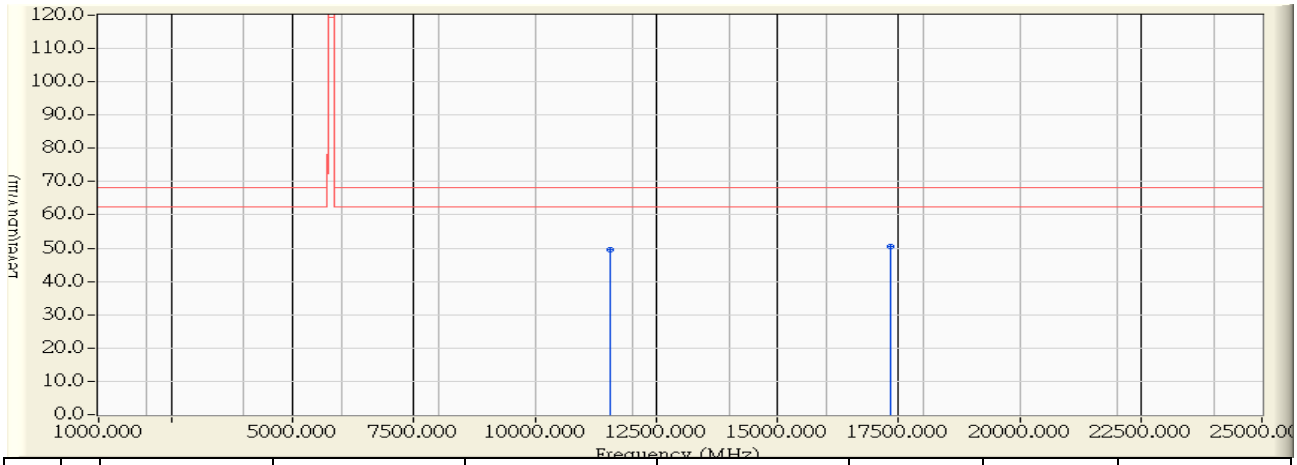


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11589.580	10.838	31.200	42.038	-11.962	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/24 - 14:43**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_ 802.11ac80_5775MHz**

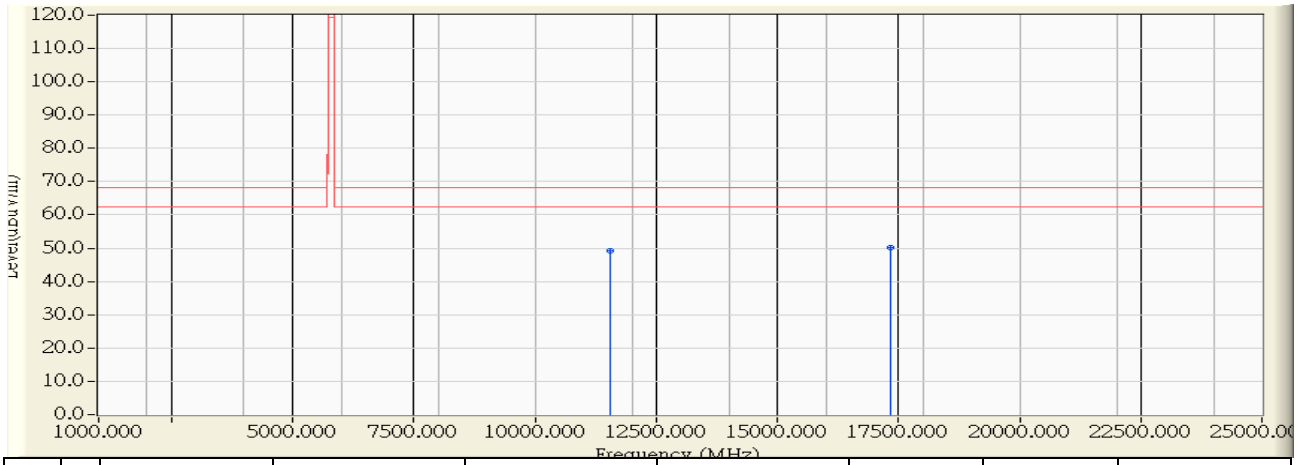


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		11541.390	10.952	38.710	49.662	-18.638	68.300	PEAK
2	*	17331.700	13.575	36.960	50.535	-17.765	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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 : 2014/06/24 - 14:48**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_ 802.11ac80_5775MHz**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		11541.240	10.952	38.360	49.312	-18.988	68.300	PEAK
2	*	17326.560	13.580	36.570	50.150	-18.150	68.300	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. " # ", 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.

7. Band Edge

7.1. Test Equipment

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

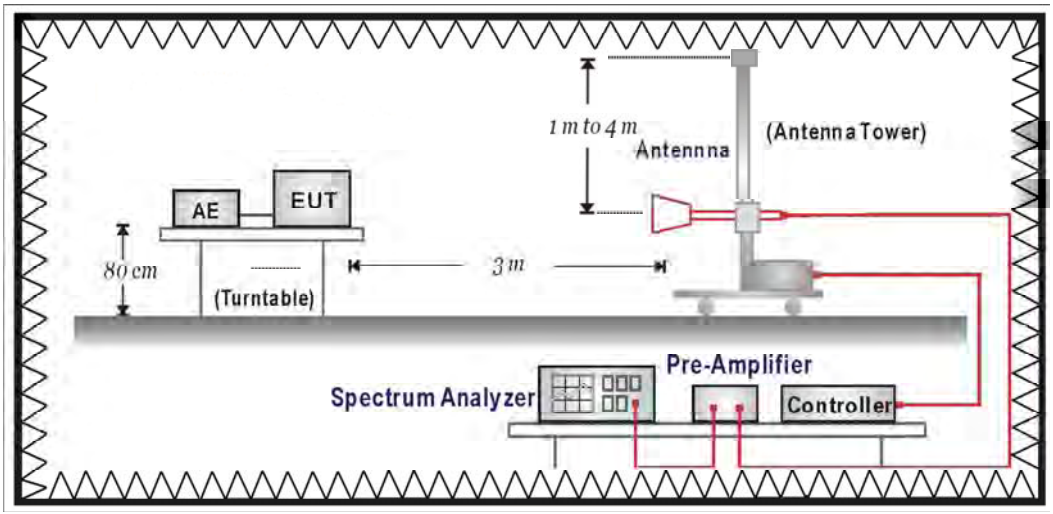
Band Edge / CB1

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Double Ridged Guide Horn Antenna	Schwarzback	BBHA 9120	D743	2015/02/12
Spectrum Analyzer	Agilent	E4440A	MY46187335	2015/01/12
k Type Cable	Huber Suhner	Sucoflex 102	25623/2	2015/02/10
Pre-Amplifier	Quietek	AMF-4D.	888003	2015/06/02

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

7.2. Test Setup

RF Radiated Measurement:



7.3. Limits

➢ **General Radiated Emission Limits**

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

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

Remark:

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 E 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
5725~5850	-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 C63.10:2013on radiated measurement.

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

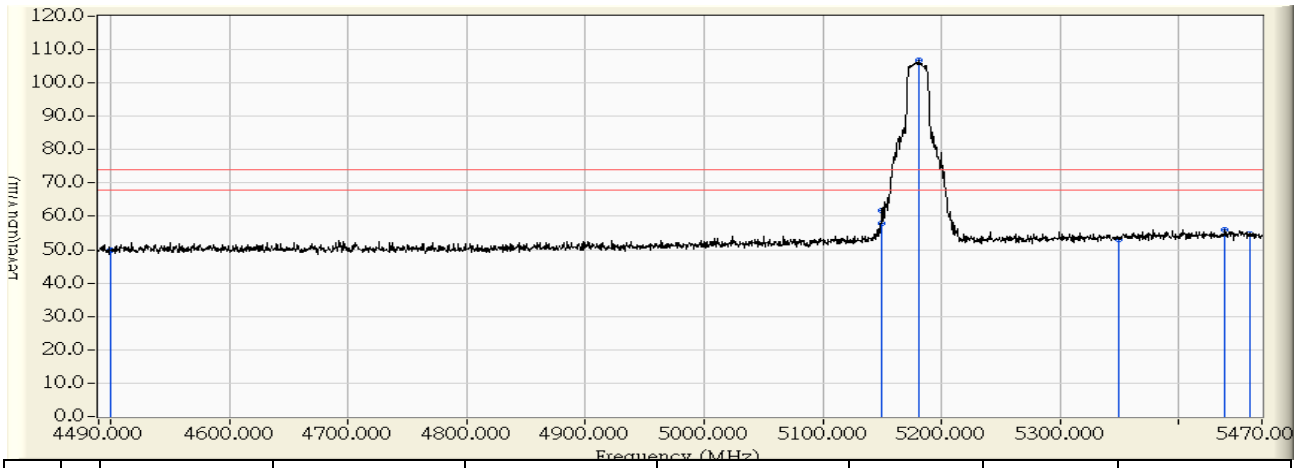
7.5. Uncertainty

The measurement uncertainty is defined as ± 3.65dB

7.6. Test Result

Radiated is defined as 5GHz Band4 In-Band :

Site : CB1	**Time : 2014/06/22 - 15:31**
Limit : FCC_SPARTE_15.407_H_2014_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 1: Transmit (CDD Mode)_802.11 a_5180MHz**

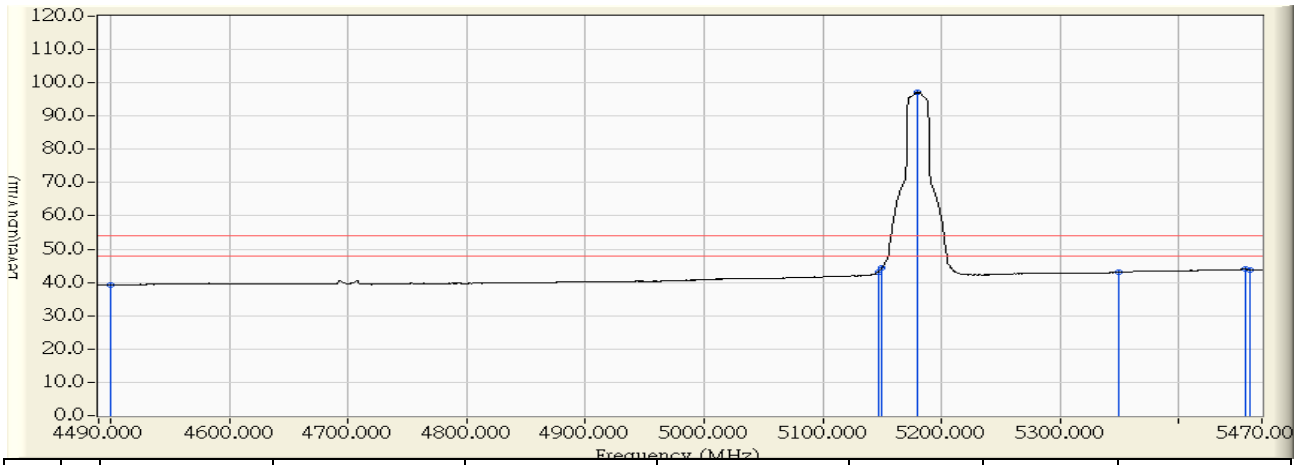


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-1.324	51.166	49.842	-24.158	74.000	PEAK
2		5149.540	1.235	56.830	58.065	-15.935	74.000	PEAK
3		5150.000	1.239	60.581	61.820	-12.180	74.000	PEAK
4	*	5180.900	1.478	105.275	106.754	32.754	74.000	PEAK
5		5350.000	2.790	50.271	53.061	-20.939	74.000	PEAK
6		5439.130	3.481	52.438	55.919	-18.081	74.000	PEAK
7		5460.000	3.622	51.125	54.747	-19.253	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/22 - 15:33**
Limit : FCC_SPARTE_15.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 1: Transmit (CDD Mode)_802.11 a_5180MHz**

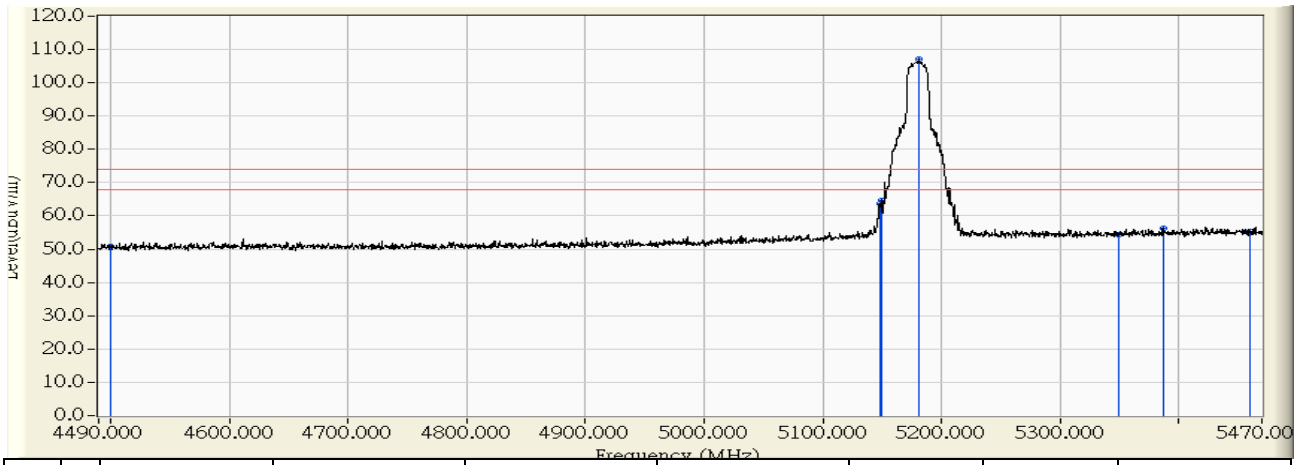


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-1.324	40.629	39.305	-14.695	54.000	AVERAGE
2		5146.600	1.212	42.016	43.229	-10.771	54.000	AVERAGE
3		5150.000	1.239	43.282	44.521	-9.479	54.000	AVERAGE
4	*	5179.430	1.467	95.826	97.293	43.293	54.000	AVERAGE
5		5350.000	2.790	40.285	43.075	-10.925	54.000	AVERAGE
6		5455.790	3.603	40.357	43.961	-10.039	54.000	AVERAGE
7		5460.000	3.622	40.240	43.862	-10.138	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/22 - 15:19**
Limit : FCC_SPARTE_15.407_H_2014_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 1: Transmit (CDD Mode)_802.11 a_5180MHz**

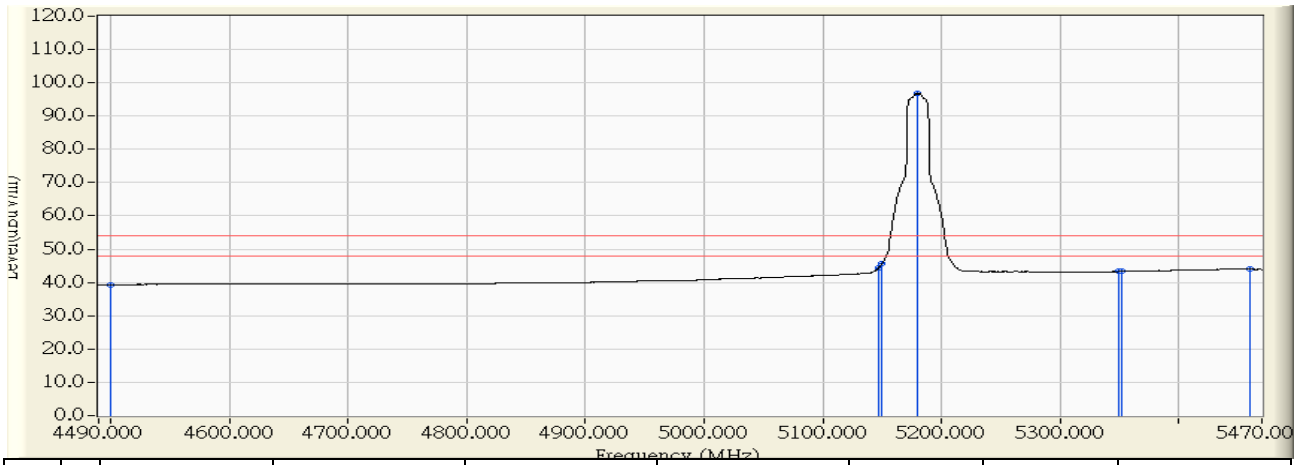


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-1.324	52.018	50.694	-23.306	74.000	PEAK
2		5148.560	1.227	62.545	63.773	-10.227	74.000	PEAK
3		5150.000	1.239	63.461	64.700	-9.300	74.000	PEAK
4	*	5180.410	1.475	105.550	107.025	33.025	74.000	PEAK
5		5350.000	2.790	51.448	54.238	-19.762	74.000	PEAK
6		5387.190	3.079	53.172	56.250	-17.750	74.000	PEAK
7		5460.000	3.622	51.562	55.184	-18.816	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/22 - 15:21**
Limit : FCC_SPARTE_15.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 1: Transmit (CDD Mode)_802.11 a_5180MHz**

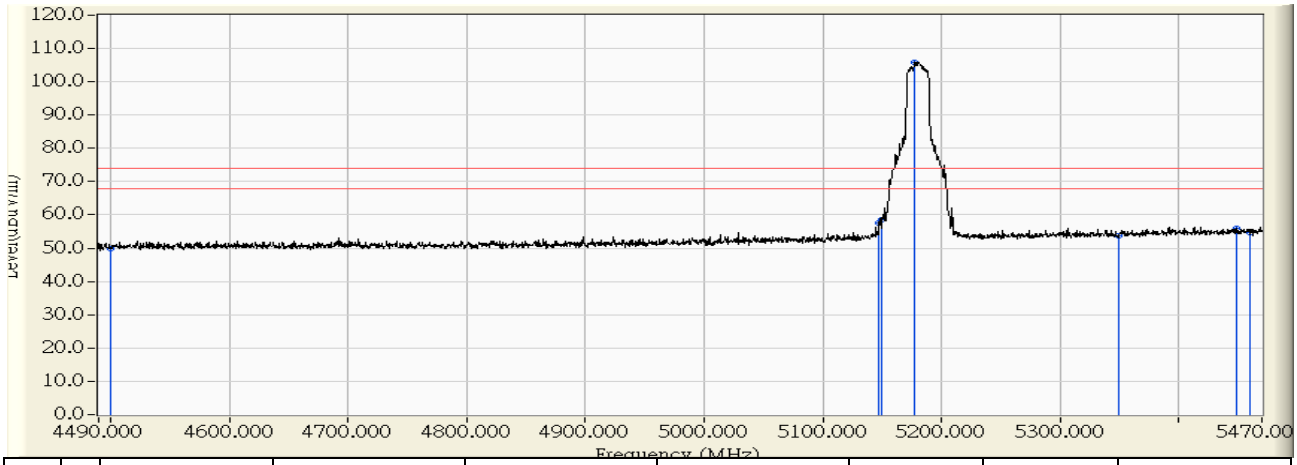


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-1.324	40.603	39.279	-14.721	54.000	AVERAGE
2		5147.090	1.217	43.150	44.366	-9.634	54.000	AVERAGE
3		5150.000	1.239	44.481	45.720	-8.280	54.000	AVERAGE
4	*	5179.430	1.467	95.321	96.788	42.788	54.000	AVERAGE
5		5350.000	2.790	40.508	43.298	-10.702	54.000	AVERAGE
6		5351.420	2.801	40.552	43.353	-10.647	54.000	AVERAGE
7		5460.000	3.622	40.359	43.981	-10.019	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/22 - 15:46**
Limit : FCC_SPARTE_15.407_H_2014_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_802.11 n(20M)_5180MHz**

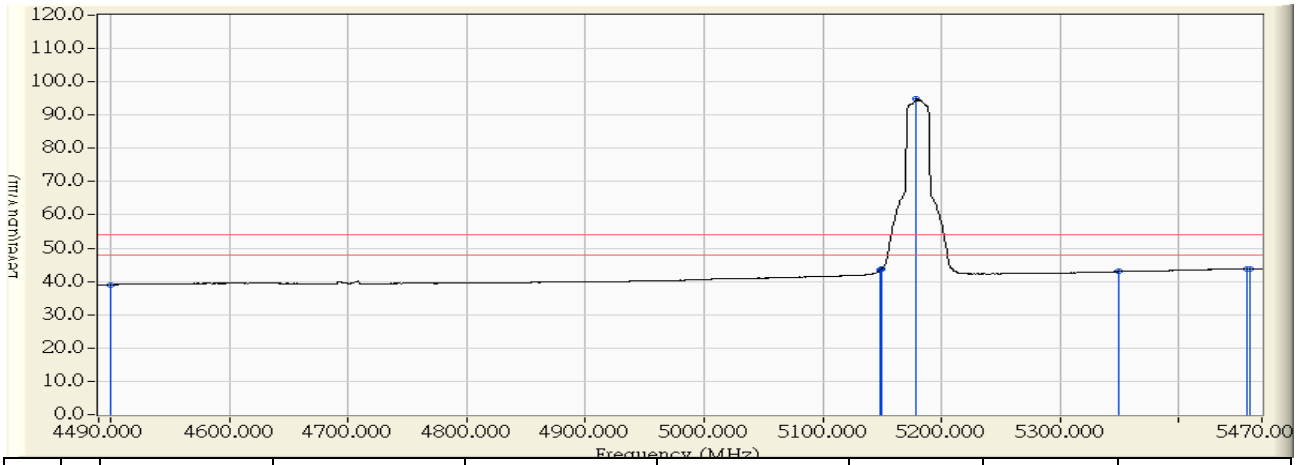


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-1.324	51.341	50.017	-23.983	74.000	PEAK
2		5147.090	1.217	56.257	57.473	-16.527	74.000	PEAK
3		5150.000	1.239	57.264	58.503	-15.497	74.000	PEAK
4	*	5177.470	1.452	104.446	105.898	31.898	74.000	PEAK
5		5350.000	2.790	50.776	53.566	-20.434	74.000	PEAK
6		5448.440	3.554	52.283	55.836	-18.164	74.000	PEAK
7		5460.000	3.622	51.136	54.758	-19.242	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/22 - 15:49**
Limit : FCC_SPARTE_15.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_802.11 n(20M)_5180MHz**

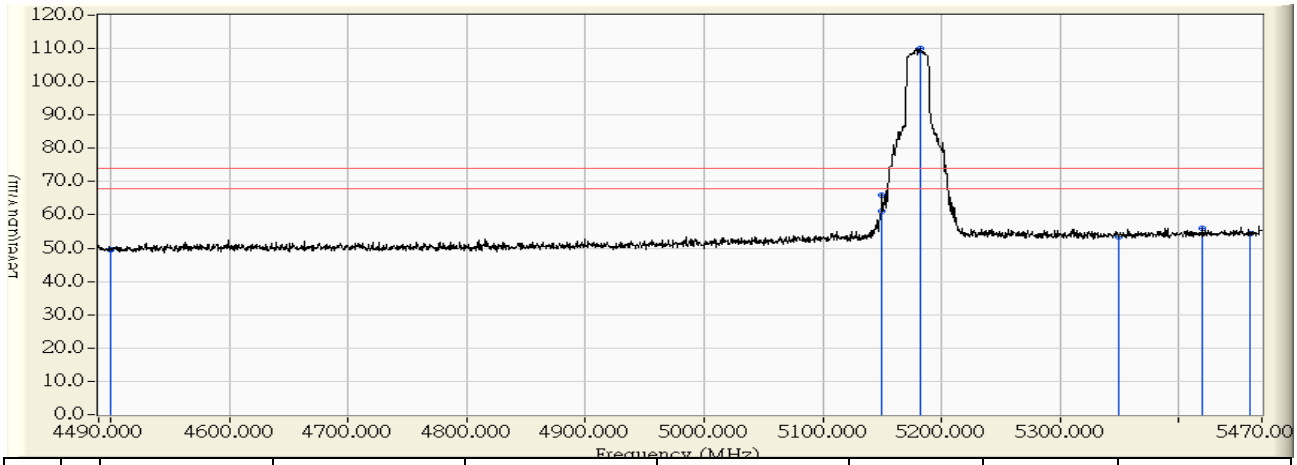


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-1.324	40.361	39.037	-14.963	54.000	AVERAGE
2		5148.070	1.224	42.085	43.309	-10.691	54.000	AVERAGE
3		5150.000	1.239	42.666	43.905	-10.095	54.000	AVERAGE
4	*	5178.940	1.463	93.370	94.833	40.833	54.000	AVERAGE
5		5350.000	2.790	40.178	42.968	-11.032	54.000	AVERAGE
6		5457.260	3.610	40.087	43.697	-10.303	54.000	AVERAGE
7		5460.000	3.622	40.077	43.699	-10.301	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/22 - 15:42**
Limit : FCC_SPARTE_15.407_H_2014_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_802.11 n(20M)_5180MHz**

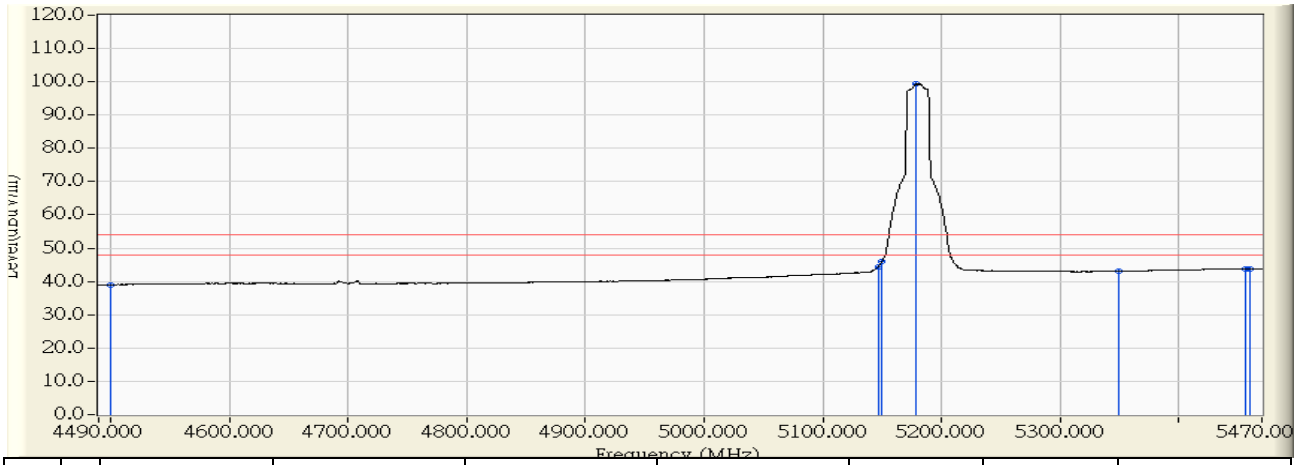


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-1.324	50.975	49.651	-24.349	74.000	PEAK
2		5149.540	1.235	59.815	61.050	-12.950	74.000	PEAK
3		5150.000	1.239	64.786	66.025	-7.975	74.000	PEAK
4	*	5182.370	1.490	108.514	110.004	36.004	74.000	PEAK
5		5350.000	2.790	50.569	53.359	-20.641	74.000	PEAK
6		5420.020	3.333	52.663	55.996	-18.004	74.000	PEAK
7		5460.000	3.622	50.867	54.489	-19.511	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/22 - 15:43**
Limit : FCC_SPARTE_15.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_802.11 n(20M)_5180MHz**

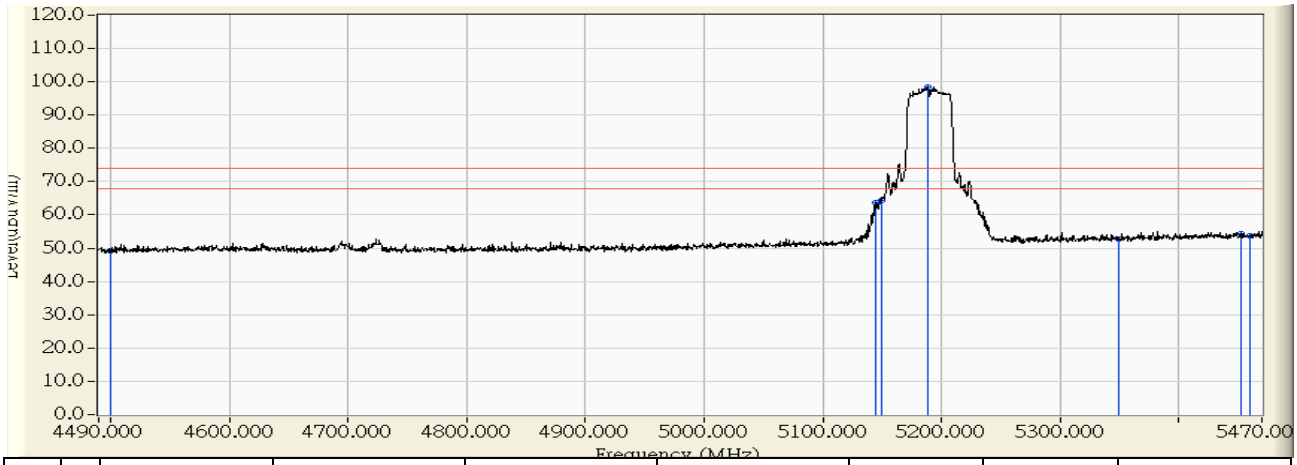


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-1.324	40.359	39.035	-14.965	54.000	AVERAGE
2		5146.600	1.212	43.076	44.289	-9.711	54.000	AVERAGE
3		5150.000	1.239	44.767	46.006	-7.994	54.000	AVERAGE
4	*	5178.940	1.463	98.046	99.509	45.509	54.000	AVERAGE
5		5350.000	2.790	40.340	43.130	-10.870	54.000	AVERAGE
6		5455.790	3.603	40.184	43.788	-10.212	54.000	AVERAGE
7		5460.000	3.622	40.150	43.772	-10.228	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/20 - 09:51**
Limit : FCC_SPARTE_15.407_H_2014_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_802.11 n(40M)_5190MHz**

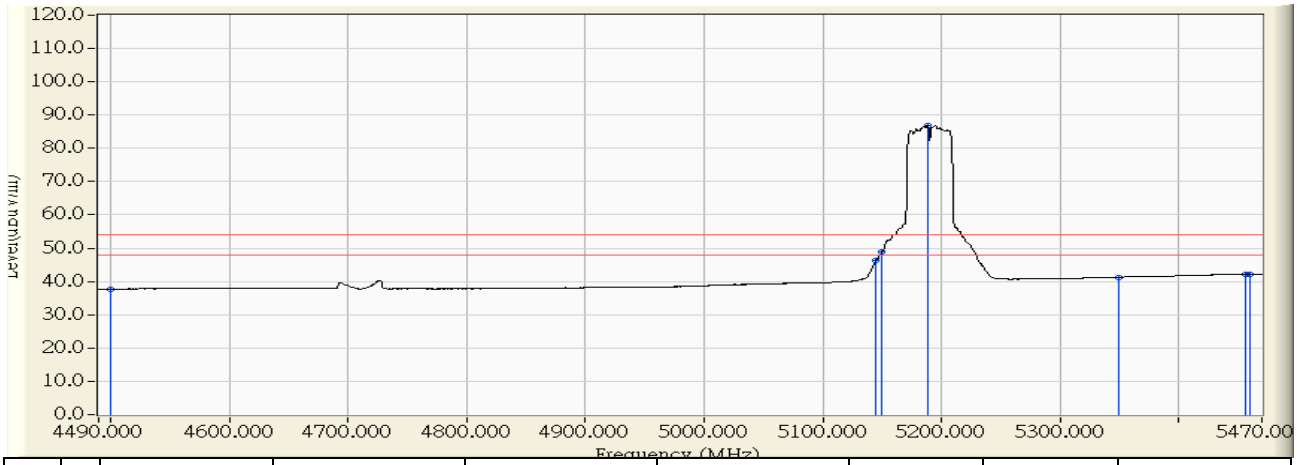


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	51.753	49.095	-24.905	74.000	PEAK
2		5144.150	-0.535	64.135	63.600	-10.400	74.000	PEAK
3		5150.000	-0.488	64.833	64.346	-9.654	74.000	PEAK
4	*	5188.740	-0.172	98.552	98.381	24.381	74.000	PEAK
5		5350.000	1.143	51.502	52.646	-21.354	74.000	PEAK
6		5451.870	1.975	52.384	54.358	-19.642	74.000	PEAK
7		5460.000	2.021	51.720	53.741	-20.259	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/20 - 09:52**
Limit : FCC_SPARTE_15.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_802.11 n(40M)_5190 MHz**

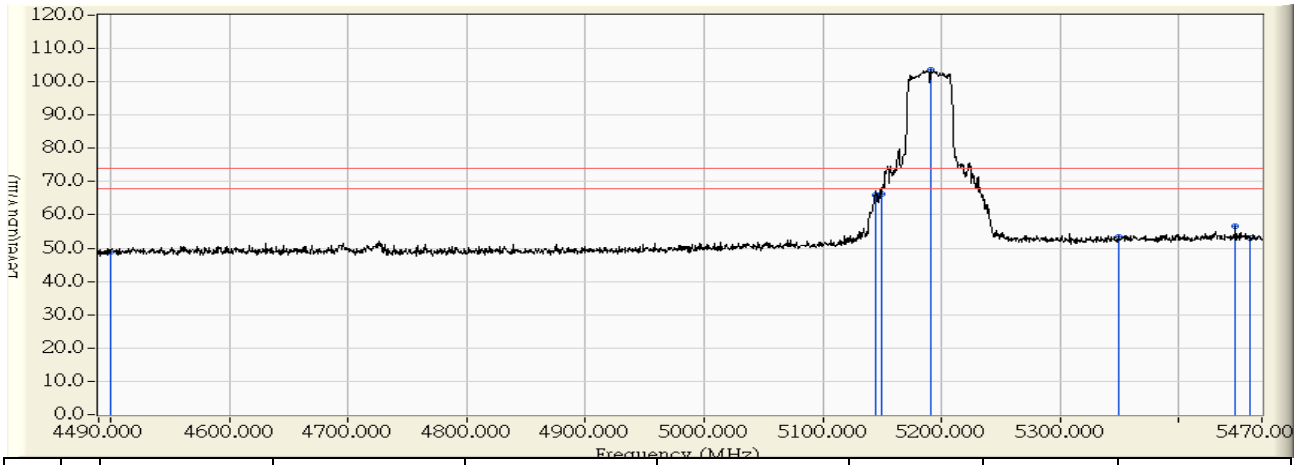


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	40.385	37.727	-16.273	54.000	AVERAGE
2		5145.130	-0.527	47.005	46.478	-7.522	54.000	AVERAGE
3		5150.000	-0.488	49.345	48.858	-5.142	54.000	AVERAGE
4	*	5188.250	-0.175	86.942	86.767	32.767	54.000	AVERAGE
5		5350.000	1.143	40.167	41.311	-12.689	54.000	AVERAGE
6		5455.790	2.000	40.082	42.082	-11.918	54.000	AVERAGE
7		5460.000	2.021	40.085	42.106	-11.894	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/20 - 09:53**
Limit : FCC_SPARTE_15.407_H_2014_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_802.11 n(40M)_5190 MHz**

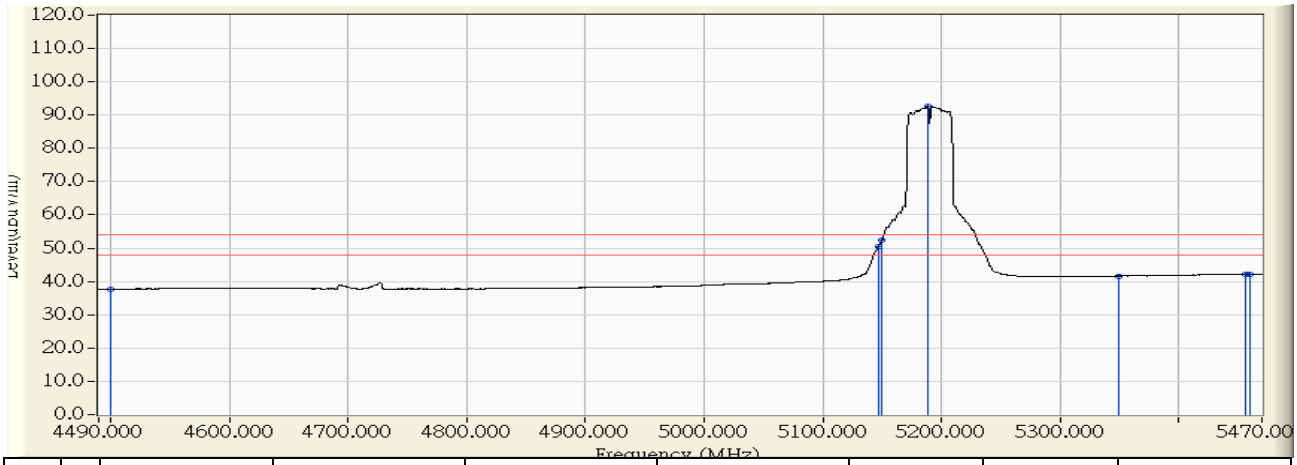


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	51.539	48.881	-25.119	74.000	PEAK
2		5144.150	-0.535	66.496	65.961	-8.039	74.000	PEAK
3		5150.000	-0.488	66.704	66.217	-7.783	74.000	PEAK
4	*	5191.680	-0.148	103.639	103.492	29.492	74.000	PEAK
5		5350.000	1.143	52.398	53.542	-20.458	74.000	PEAK
6		5447.950	1.942	54.522	56.464	-17.536	74.000	PEAK
7		5460.000	2.021	50.942	52.963	-21.037	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.

Site : CB1	**Time : 2014/06/20 - 10:02**
Limit : FCC_SPARTE_15.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode) _802.11 n(40M)_5190 MHz**

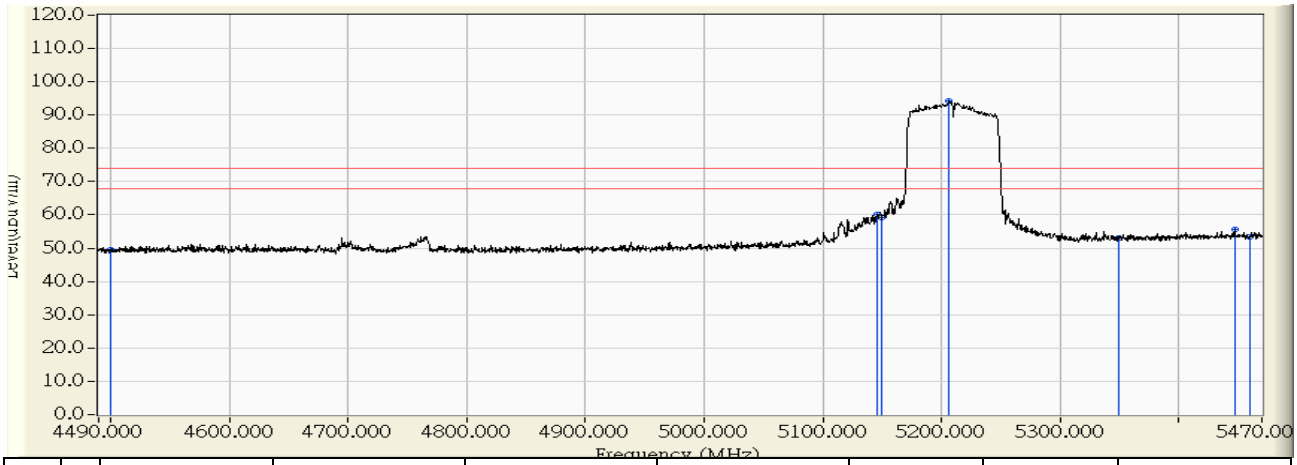


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	40.319	37.661	-16.339	54.000	AVERAGE
2		5146.600	-0.515	50.911	50.396	-3.604	54.000	AVERAGE
3		5150.000	-0.488	52.834	52.347	-1.653	54.000	AVERAGE
4	*	5188.250	-0.175	92.827	92.652	38.652	54.000	AVERAGE
5		5350.000	1.143	40.511	41.655	-12.345	54.000	AVERAGE
6		5455.790	2.000	40.135	42.135	-11.865	54.000	AVERAGE
7		5460.000	2.021	40.122	42.143	-11.857	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/20 - 10:37**
Limit : FCC_SPARTE_15.407_H_2014_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode) _802.11 ac(80M)_5210 MHz**

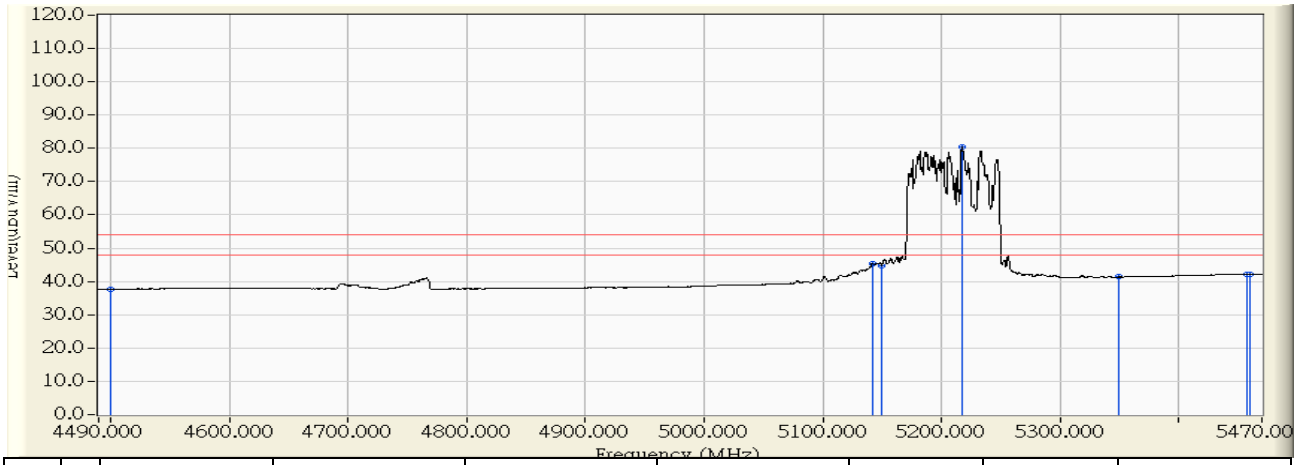


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	52.104	49.446	-24.554	74.000	PEAK
2		5145.620	-0.523	60.597	60.074	-13.926	74.000	PEAK
3		5150.000	-0.488	59.595	59.108	-14.892	74.000	PEAK
4	*	5206.380	-0.028	94.163	94.135	20.135	74.000	PEAK
5		5350.000	1.143	52.043	53.187	-20.813	74.000	PEAK
6		5446.970	1.935	53.627	55.561	-18.439	74.000	PEAK
7		5460.000	2.021	51.407	53.428	-20.572	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/20 - 10:40**
Limit : FCC_SPARTE_15.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_802.11 ac(80M)_5210 MHz**

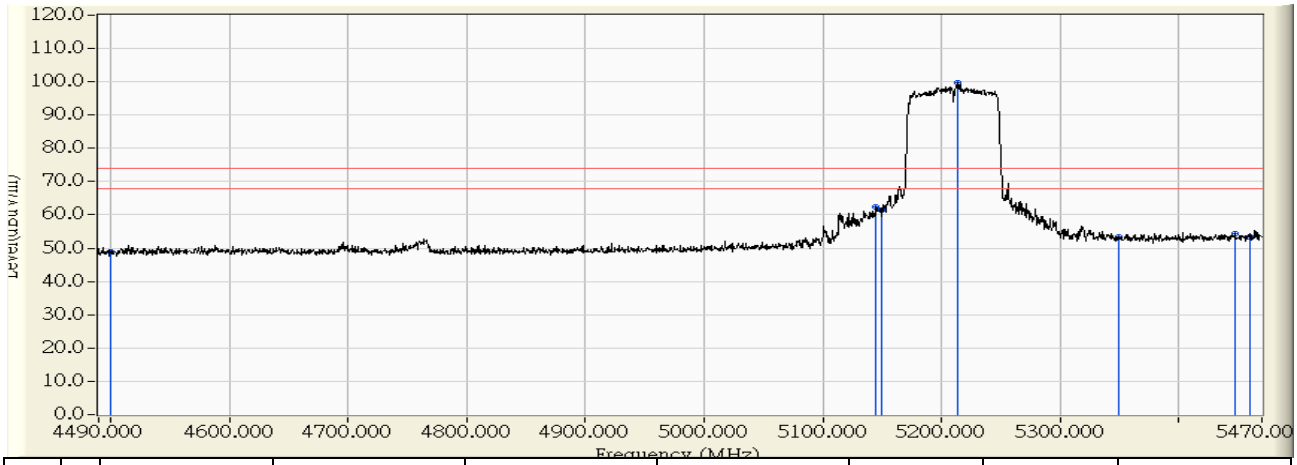


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	40.345	37.687	-16.313	54.000	AVERAGE
2		5141.700	-0.555	45.934	45.379	-8.621	54.000	AVERAGE
3		5150.000	-0.488	45.233	44.746	-9.254	54.000	AVERAGE
4	*	5217.160	0.060	80.361	80.421	26.421	54.000	AVERAGE
5		5350.000	1.143	40.209	41.353	-12.647	54.000	AVERAGE
6		5457.260	2.008	40.056	42.064	-11.936	54.000	AVERAGE
7		5460.000	2.021	40.082	42.103	-11.897	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/20 - 10:33**
Limit : FCC_SPARTE_15.407_H_2014_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_802.11 ac(80M)_5210 MHz**

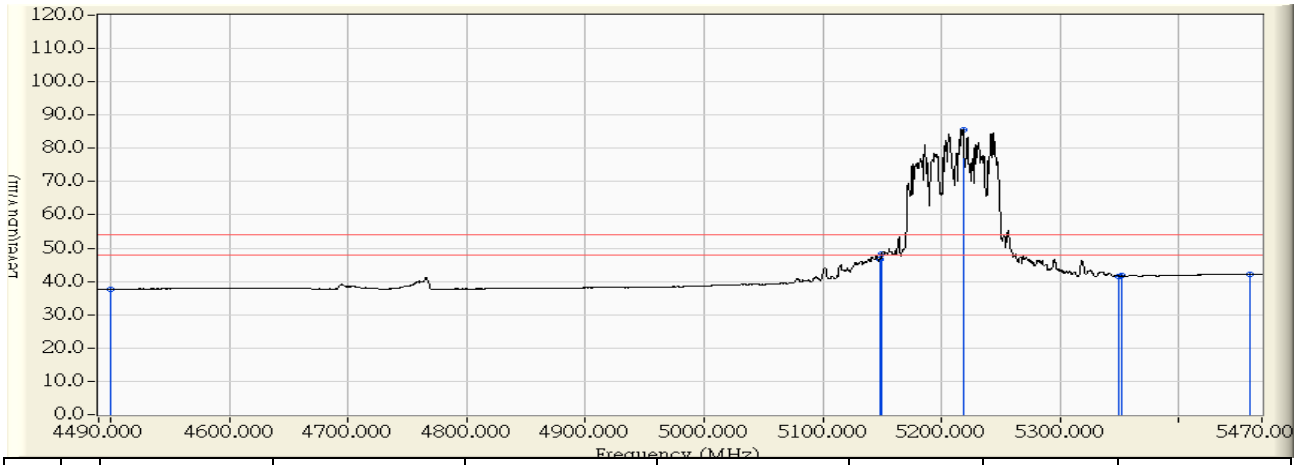


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	51.430	48.772	-25.228	74.000	PEAK
2		5145.130	-0.527	62.830	62.303	-11.697	74.000	PEAK
3		5150.000	-0.488	61.862	61.375	-12.625	74.000	PEAK
4	*	5213.240	0.028	99.738	99.766	25.766	74.000	PEAK
5		5350.000	1.143	52.122	53.266	-20.734	74.000	PEAK
6		5446.970	1.935	52.342	54.276	-19.724	74.000	PEAK
7		5460.000	2.021	51.359	53.380	-20.620	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/20 - 10:35**
Limit : FCC_SPARTE_15.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_0623_Ant3 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_802.11 ac(80M)_5210 MHz**

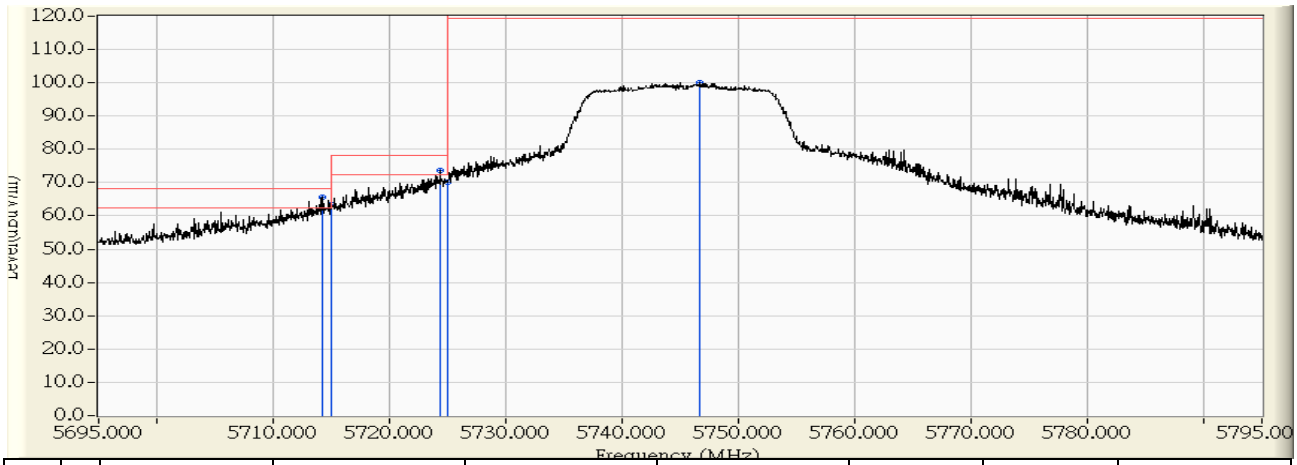


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-2.658	40.326	37.668	-16.332	54.000	AVERAGE
2		5148.070	-0.503	47.087	46.584	-7.416	54.000	AVERAGE
3		5150.000	-0.488	48.808	48.321	-5.679	54.000	AVERAGE
4	*	5218.140	0.069	85.658	85.726	31.726	54.000	AVERAGE
5		5350.000	1.143	40.493	41.637	-12.363	54.000	AVERAGE
6		5351.420	1.155	40.528	41.683	-12.317	54.000	AVERAGE
7		5460.000	2.021	40.117	42.138	-11.862	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/19 - 07:57**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 1: Transmit (CDD Mode)_802.11 a_5745MHz**

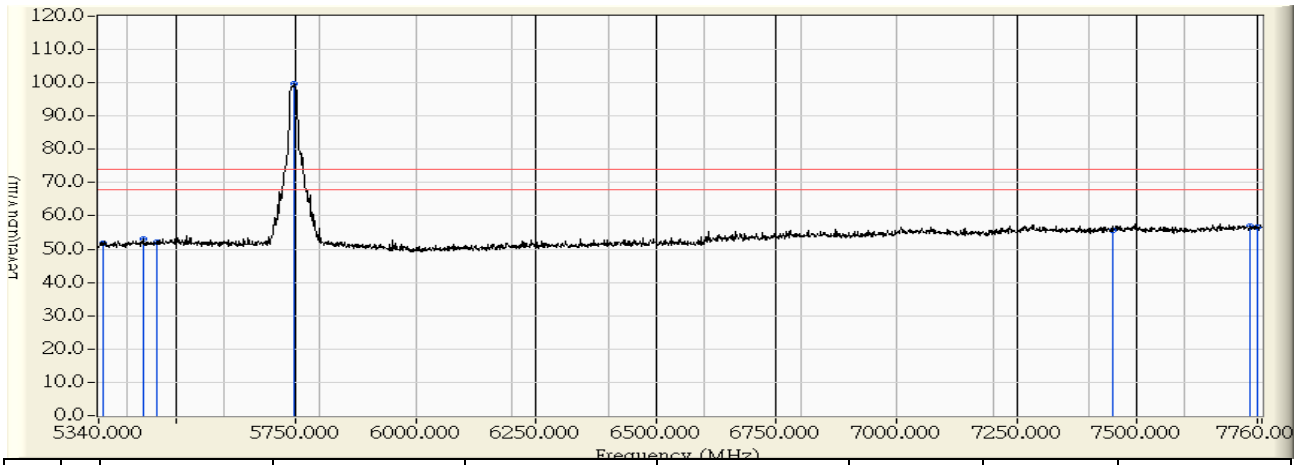


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5714.200	2.862	62.786	65.648	-2.652	68.300	PEAK
2		5715.000	2.859	60.454	63.313	-4.987	68.300	PEAK
3		5724.350	2.824	70.893	73.716	-4.584	78.300	PEAK
4		5725.000	2.821	67.274	70.095	-8.205	78.300	PEAK
5		5746.700	2.606	97.579	100.185	-25.115	125.300	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/19 - 07:58**
Limit : FCC_SPARTE_15.407_H_2014_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 1: Transmit (CDD Mode)_802.11 a_5745MHz**

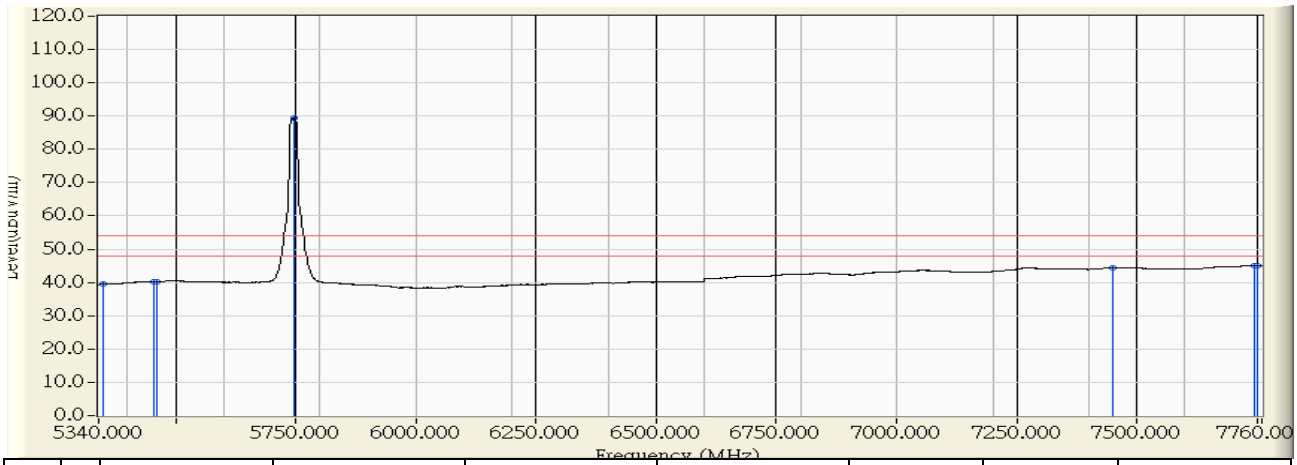


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.526	49.136	51.662	-22.338	74.000	PEAK
2		5433.170	3.170	49.872	53.043	-20.957	74.000	PEAK
3		5460.000	3.379	48.842	52.221	-21.779	74.000	PEAK
4	*	5745.350	2.743	96.849	99.591	25.591	74.000	PEAK
5		7450.000	5.908	49.623	55.531	-18.469	74.000	PEAK
6		7735.800	6.422	50.400	56.822	-17.178	74.000	PEAK
7		7750.000	6.446	50.152	56.598	-17.402	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/19 - 08:02**
Limit : FCC_SPARTE_15.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 1: Transmit (CDD Mode)_802.11 a_5745MHz**

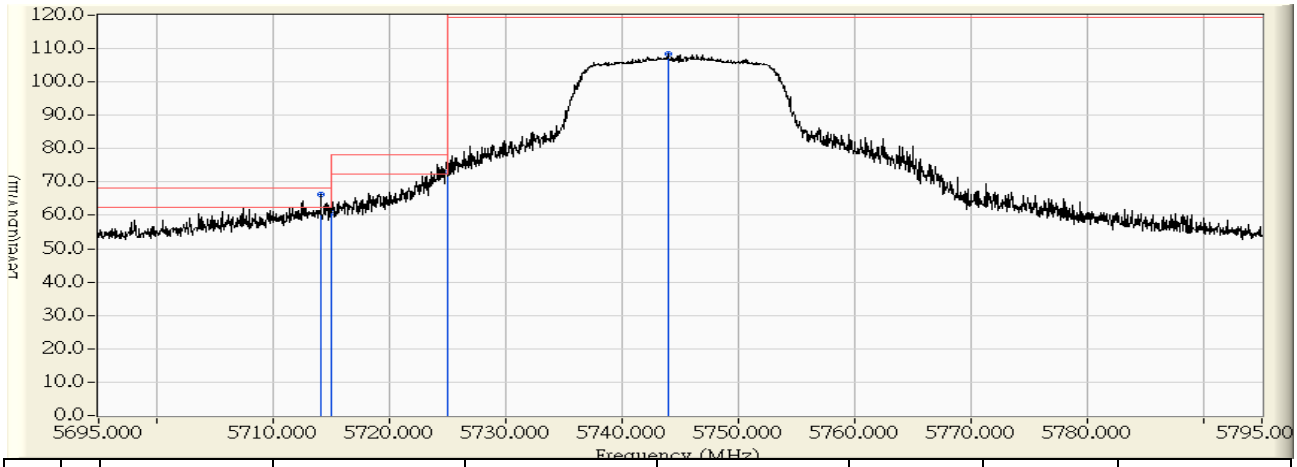


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.526	36.963	39.489	-14.511	54.000	AVERAGE
2		5453.740	3.331	36.896	40.227	-13.773	54.000	AVERAGE
3		5460.000	3.379	36.847	40.226	-13.774	54.000	AVERAGE
4	*	5746.560	2.738	86.693	89.431	35.431	54.000	AVERAGE
5		7450.000	5.908	38.447	44.355	-9.645	54.000	AVERAGE
6		7743.060	6.435	38.530	44.964	-9.036	54.000	AVERAGE
7		7750.000	6.446	38.527	44.973	-9.027	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.

Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 1: Transmit (CDD Mode)_802.11 a_5745MHz**

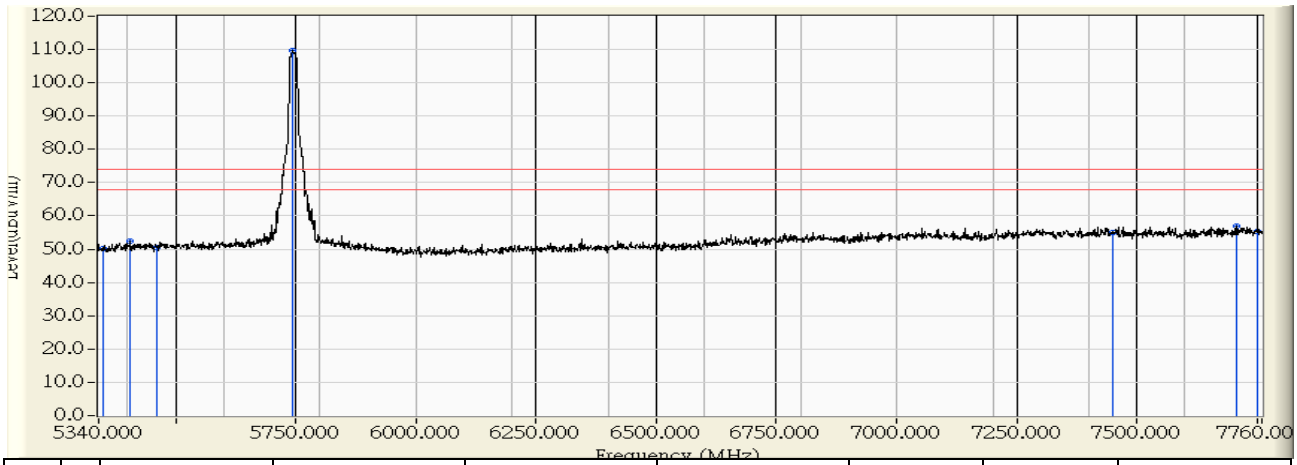


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5714.100	2.863	63.290	66.153	-2.147	68.300	PEAK
2		5715.000	2.859	57.789	60.648	-7.652	68.300	PEAK
3		5725.000	2.821	70.395	73.216	-5.084	78.300	PEAK
4		5743.950	2.616	105.944	108.561	-16.739	125.300	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/19 - 07:49**
Limit : FCC_SPARTE_15.407_H_2014_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 1: Transmit (CDD Mode)_802.11 a_5745MHz**

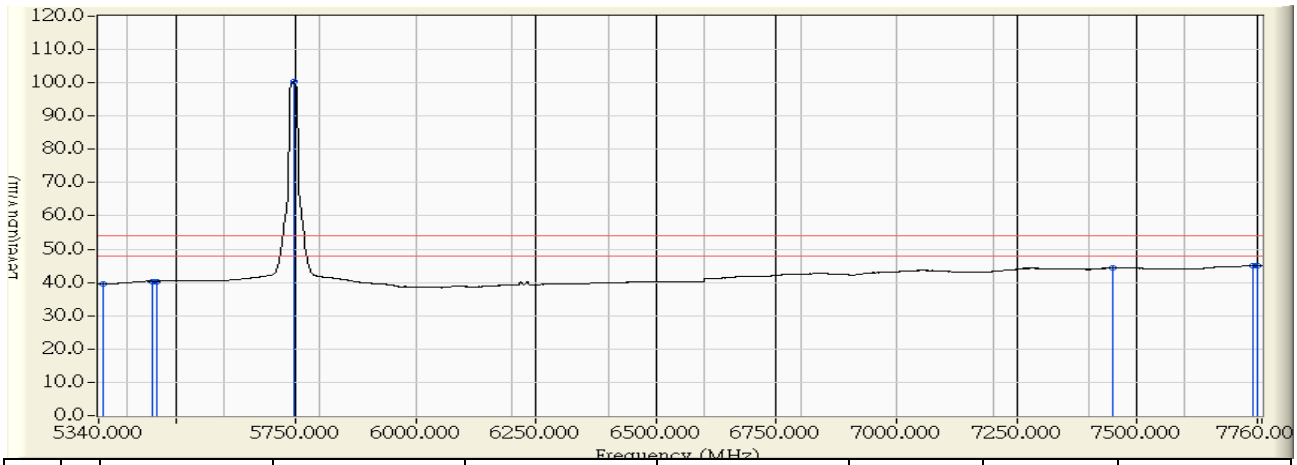


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.526	47.591	50.117	-23.883	74.000	PEAK
2		5405.340	2.956	49.545	52.500	-21.500	74.000	PEAK
3		5460.000	3.379	47.036	50.415	-23.585	74.000	PEAK
4	*	5742.930	2.751	107.066	109.818	35.818	74.000	PEAK
5		7450.000	5.908	49.228	55.136	-18.864	74.000	PEAK
6		7707.970	6.375	50.517	56.891	-17.109	74.000	PEAK
7		7750.000	6.446	48.787	55.233	-18.767	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/19 - 07:53**
Limit : FCC_SPARTE_15.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 1: Transmit (CDD Mode)_802.11 a_5745MHz**

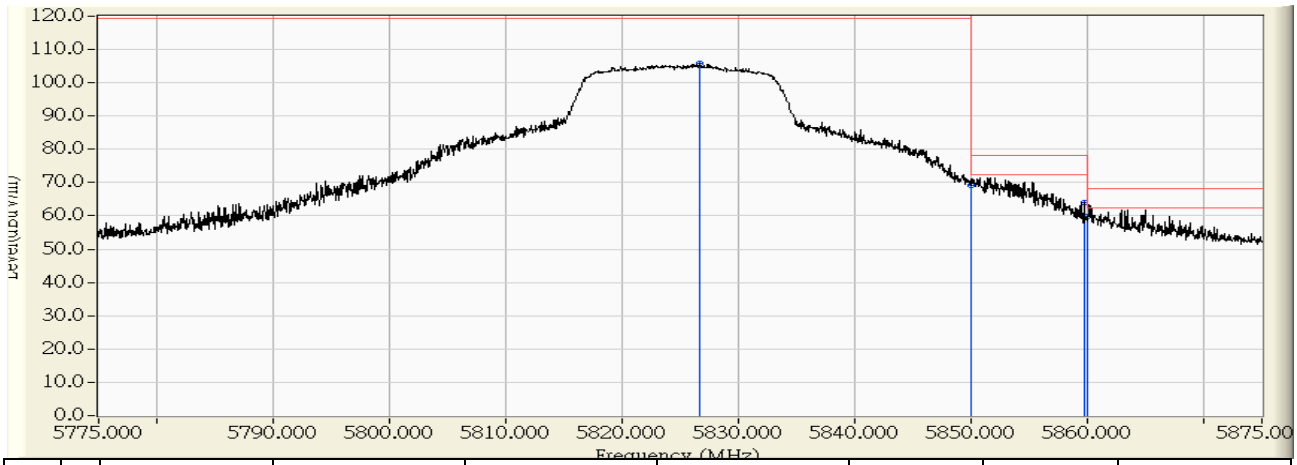


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.526	37.036	39.562	-14.438	54.000	AVERAGE
2		5451.320	3.313	37.051	40.363	-13.637	54.000	AVERAGE
3		5460.000	3.379	36.982	40.361	-13.639	54.000	AVERAGE
4	*	5746.560	2.738	97.530	100.268	46.268	54.000	AVERAGE
5		7450.000	5.908	38.428	44.336	-9.664	54.000	AVERAGE
6		7740.640	6.431	38.498	44.928	-9.072	54.000	AVERAGE
7		7750.000	6.446	38.537	44.983	-9.017	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/18 - 21:56**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 1: Transmit (CDD Mode)_802.11 a_5825MHz**

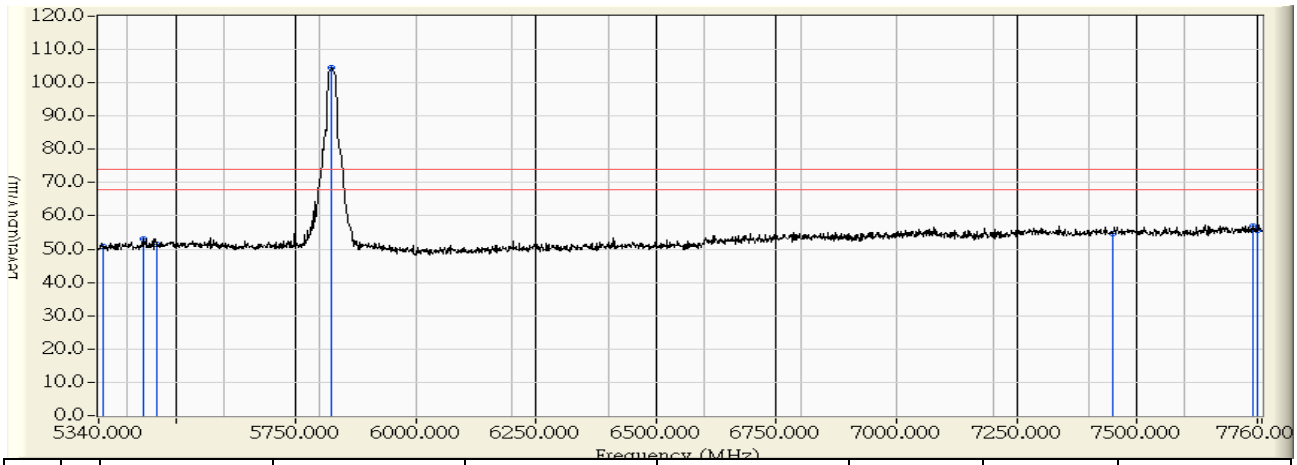


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5826.650	2.297	103.576	105.874	-19.426	125.300	PEAK
2		5850.000	2.339	66.826	69.165	-9.135	78.300	PEAK
3		5859.750	2.301	61.698	63.999	-14.301	78.300	PEAK
4	*	5860.000	2.300	57.655	59.955	-8.345	68.300	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/18 - 21:33**
Limit : FCC_SPARTE_15.407_H_2014_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 1: Transmit (CDD Mode)_802.11 a_5825MHz**

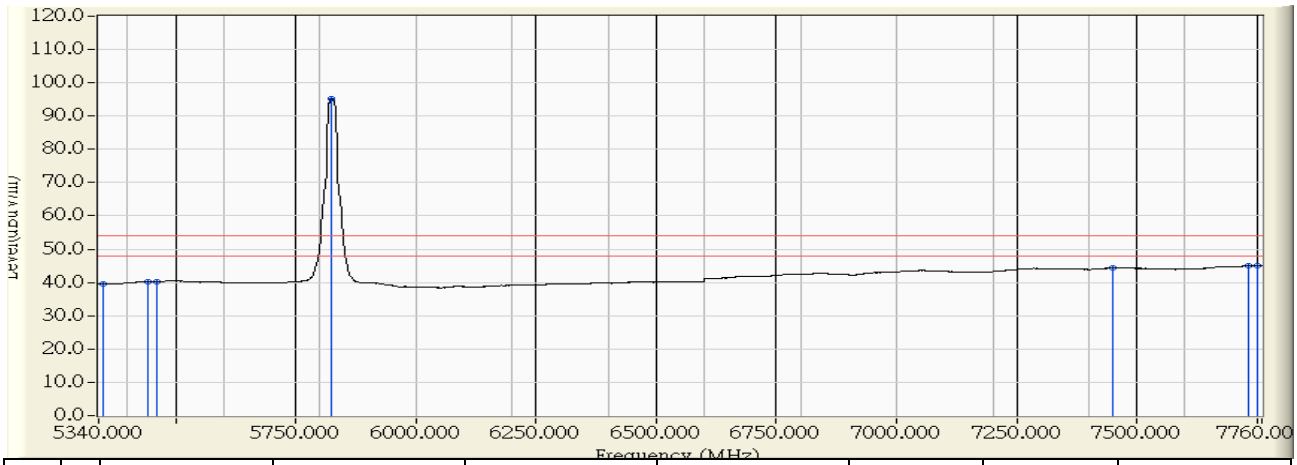


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.790	47.950	50.740	-23.260	74.000	PEAK
2		5434.380	3.444	49.525	52.969	-21.031	74.000	PEAK
3		5460.000	3.622	47.777	51.399	-22.601	74.000	PEAK
4	*	5824.000	2.308	102.173	104.481	30.481	74.000	PEAK
5		7450.000	5.982	48.806	54.788	-19.212	74.000	PEAK
6		7740.640	6.489	50.401	56.890	-17.110	74.000	PEAK
7		7750.000	6.505	49.094	55.599	-18.401	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/18 - 21:50**
Limit : FCC_SPARTE_15.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 1: Transmit (CDD Mode)_802.11 a_5825MHz**

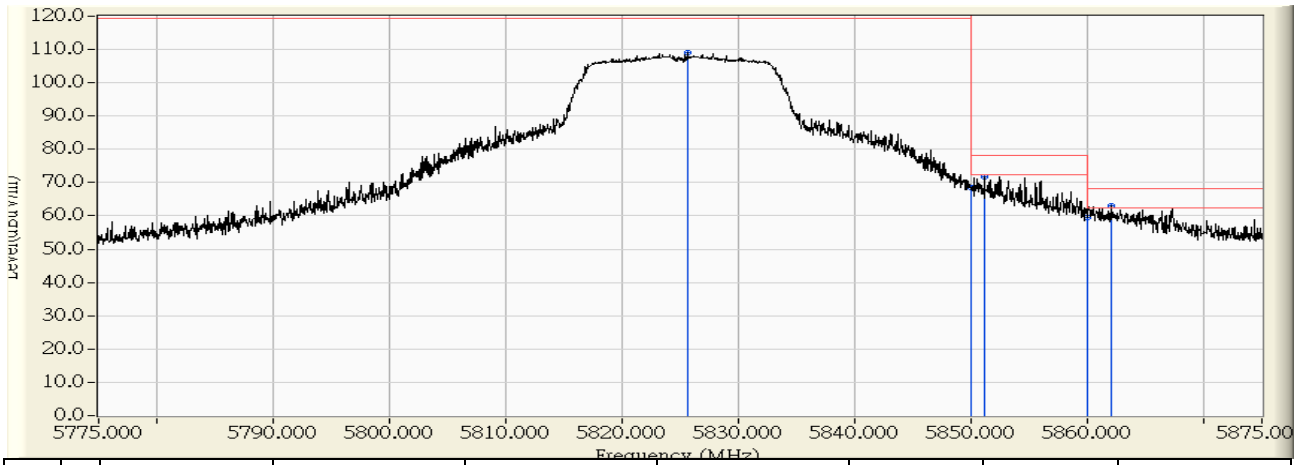


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.526	37.016	39.542	-14.458	54.000	AVERAGE
2		5441.640	3.501	36.779	40.280	-13.720	54.000	AVERAGE
3		5460.000	3.379	36.860	40.239	-13.761	54.000	AVERAGE
4	*	5824.000	2.439	92.859	95.298	41.298	54.000	AVERAGE
5		7450.000	5.908	38.394	44.302	-9.698	54.000	AVERAGE
6		7730.960	6.472	38.426	44.898	-9.102	54.000	AVERAGE
7		7750.000	6.446	38.483	44.929	-9.071	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/19 - 08:06**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 1: Transmit (CDD Mode)_802.11 a_5825MHz**

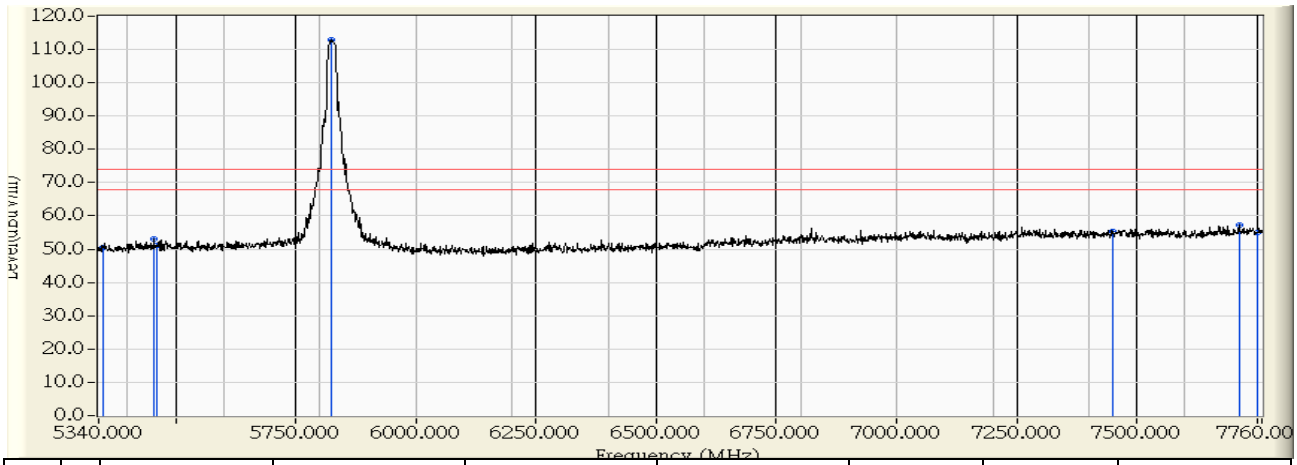


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5825.600	2.302	106.784	109.086	-16.214	125.300	PEAK
2		5850.000	2.339	66.052	68.391	-9.909	78.300	PEAK
3		5851.150	2.334	69.419	71.753	-6.547	78.300	PEAK
4		5860.000	2.300	57.331	59.631	-8.669	68.300	PEAK
5	*	5862.050	2.293	60.817	63.109	-5.191	68.300	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/18 - 21:18**
Limit : FCC_SPARTE_15.407_H_2014_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 1: Transmit (CDD Mode)_802.11 a_5825MHz**

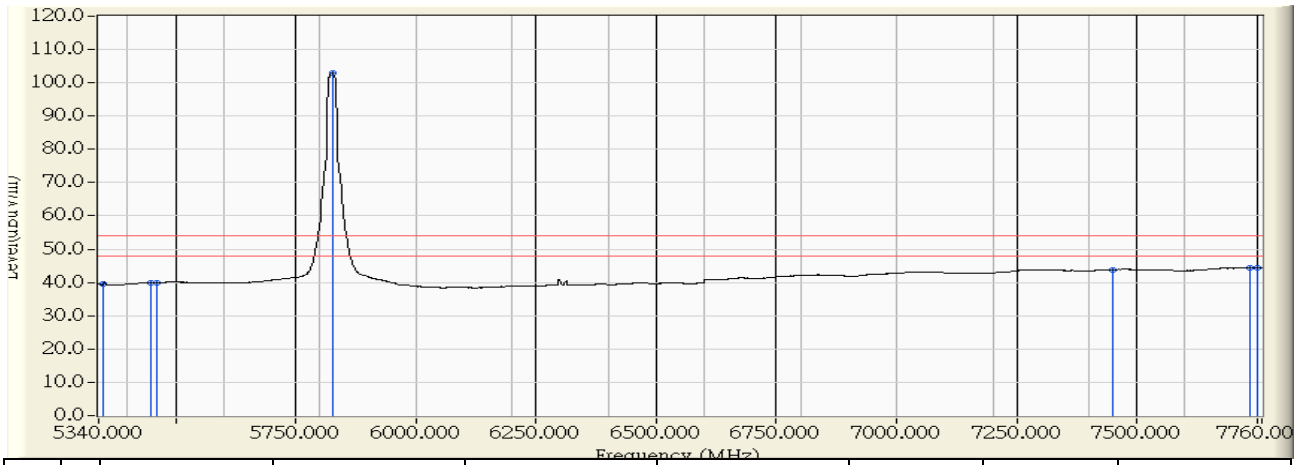


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.526	47.932	50.458	-23.542	74.000	PEAK
2		5454.950	3.600	49.379	52.979	-21.021	74.000	PEAK
3		5460.000	3.379	47.691	51.070	-22.930	74.000	PEAK
4	*	5824.000	2.439	110.385	112.824	38.824	74.000	PEAK
5		7450.000	5.982	49.277	55.259	-18.741	74.000	PEAK
6		7712.810	6.382	51.012	57.394	-16.606	74.000	PEAK
7		7750.000	6.446	48.522	54.968	-19.032	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/18 - 21:32**
Limit : FCC_SPARTE_15.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 1: Transmit (CDD Mode)_802.11 a_5825MHz**

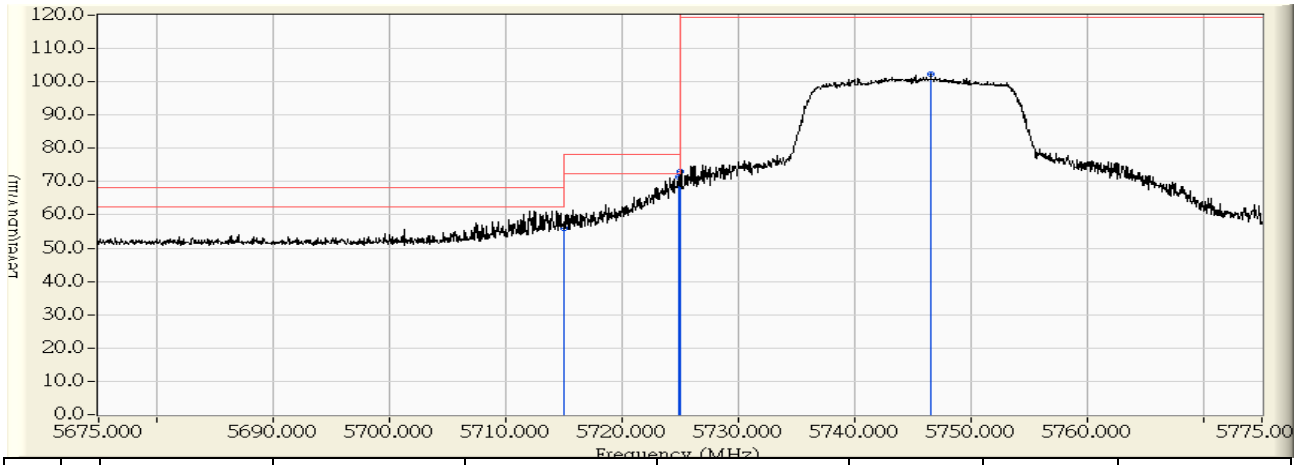


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.790	36.865	39.655	-14.345	54.000	AVERAGE
2		5447.690	3.548	36.346	39.893	-14.107	54.000	AVERAGE
3		5460.000	3.622	36.226	39.848	-14.152	54.000	AVERAGE
4	*	5826.420	2.298	100.793	103.092	49.092	54.000	AVERAGE
5		7450.000	5.982	37.905	43.887	-10.113	54.000	AVERAGE
6		7734.590	6.478	37.991	44.469	-9.531	54.000	AVERAGE
7		7750.000	6.505	38.002	44.507	-9.493	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/19 - 04:35**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_802.11 n(20M)_5745MHz**

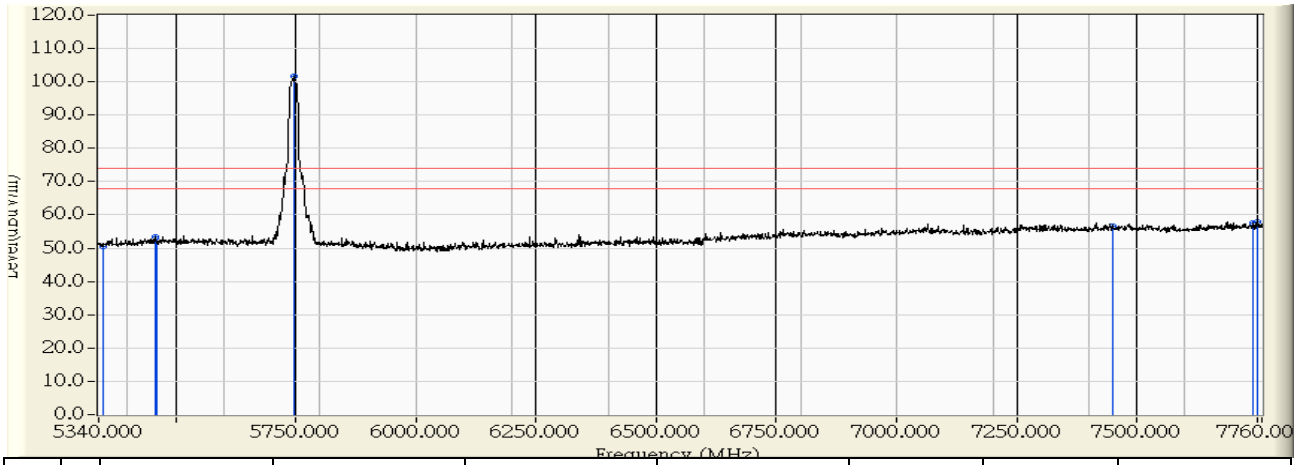


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5715.000	2.859	52.959	55.818	-12.482	68.300	PEAK
2		5724.850	2.822	68.647	71.468	-6.832	78.300	PEAK
3	*	5725.000	2.821	70.254	73.075	-5.225	78.300	PEAK
4		5746.550	2.607	99.567	102.174	-23.126	125.300	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/19 - 04:36**
Limit : FCC_SPARTE_15.407_H_2014_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_802.11 n(20M)_5745MHz**

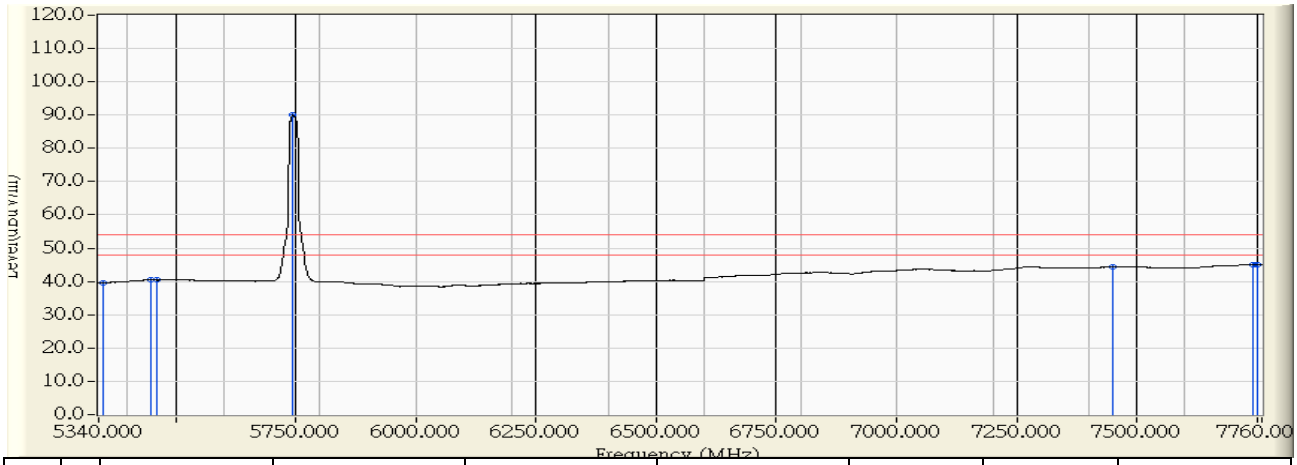


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.526	48.114	50.640	-23.360	74.000	PEAK
2		5457.370	3.360	50.021	53.380	-20.620	74.000	PEAK
3		5460.000	3.379	48.685	52.064	-21.936	74.000	PEAK
4	*	5745.350	2.743	99.081	101.823	27.823	74.000	PEAK
5		7450.000	5.908	50.785	56.693	-17.307	74.000	PEAK
6		7741.850	6.432	51.030	57.462	-16.538	74.000	PEAK
7		7750.000	6.446	51.375	57.821	-16.179	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/19 - 04:39**
Limit : FCC_SPARTE_15.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_802.11 n(20M)_5745MHz**

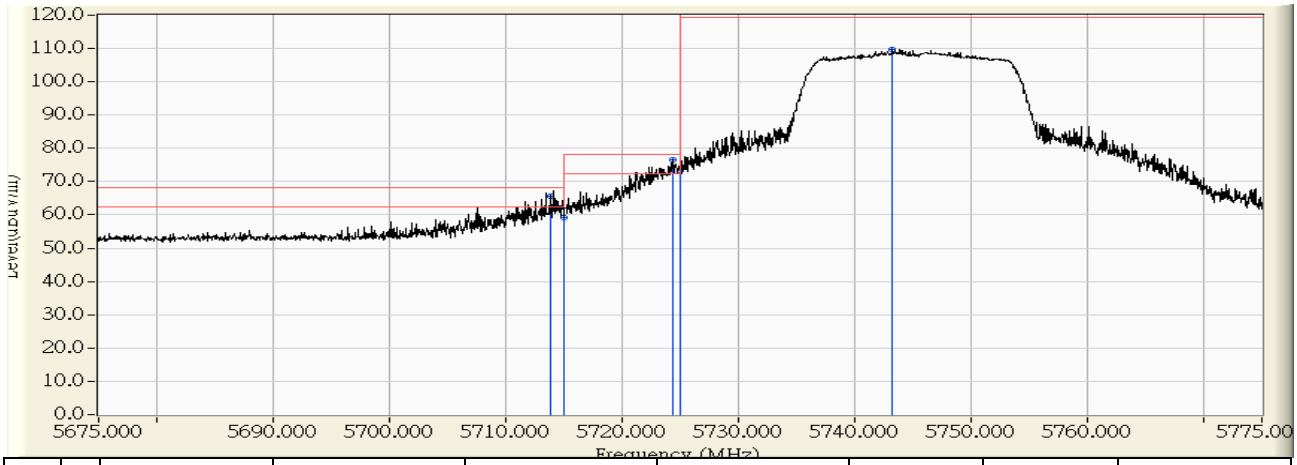


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.526	37.086	39.612	-14.388	54.000	AVERAGE
2		5447.690	3.283	37.186	40.470	-13.530	54.000	AVERAGE
3		5460.000	3.379	37.009	40.388	-13.612	54.000	AVERAGE
4	*	5744.140	2.746	87.193	89.940	35.940	54.000	AVERAGE
5		7450.000	5.908	38.496	44.404	-9.596	54.000	AVERAGE
6		7740.640	6.431	38.567	44.997	-9.003	54.000	AVERAGE
7		7750.000	6.446	38.570	45.016	-8.984	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/19 - 04:28**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_802.11 n(20M)_5745MHz**

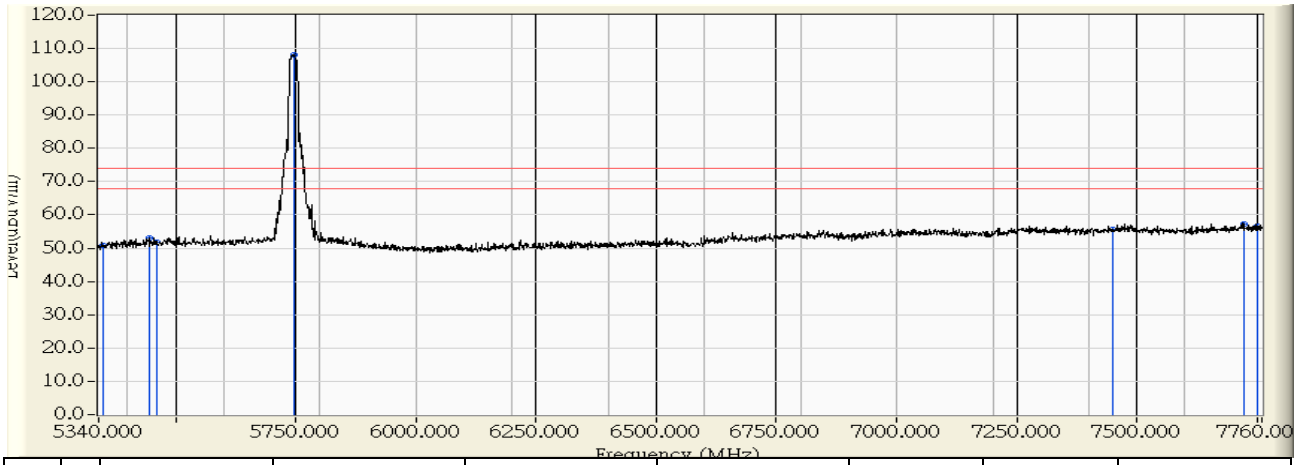


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5713.800	2.733	63.052	65.785	-2.515	68.300	PEAK
2		5715.000	2.859	56.401	59.260	-9.040	68.300	PEAK
3	*	5724.400	2.823	73.708	76.531	-1.769	78.300	PEAK
4		5725.000	2.821	70.384	73.205	-5.095	78.300	PEAK
5		5743.200	2.619	107.192	109.811	-15.489	125.300	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/19 - 04:29**
Limit : FCC_SPARTE_15.407_H_2014_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_802.11 n(20M)_5745MHz**

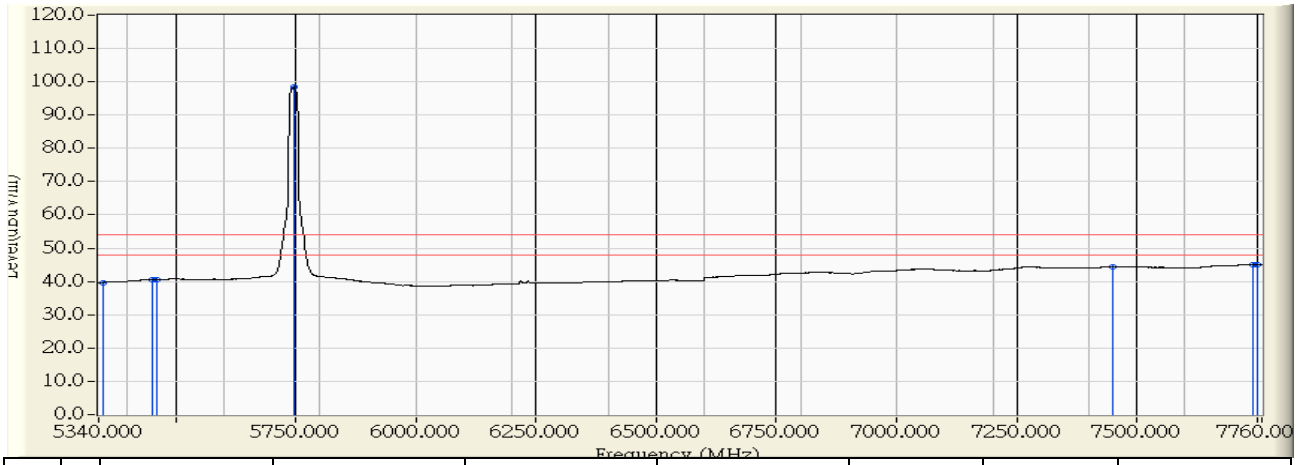


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.526	48.374	50.900	-23.100	74.000	PEAK
2		5444.060	3.255	49.780	53.036	-20.964	74.000	PEAK
3		5460.000	3.379	48.556	51.935	-22.065	74.000	PEAK
4	*	5745.350	2.743	105.305	108.047	34.047	74.000	PEAK
5		7450.000	5.908	49.731	55.639	-18.361	74.000	PEAK
6		7722.490	6.399	50.922	57.321	-16.679	74.000	PEAK
7		7750.000	6.446	50.154	56.600	-17.400	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/19 - 04:33**
Limit : FCC_SPARTE_15.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_802.11 n(20M)_5745MHz**

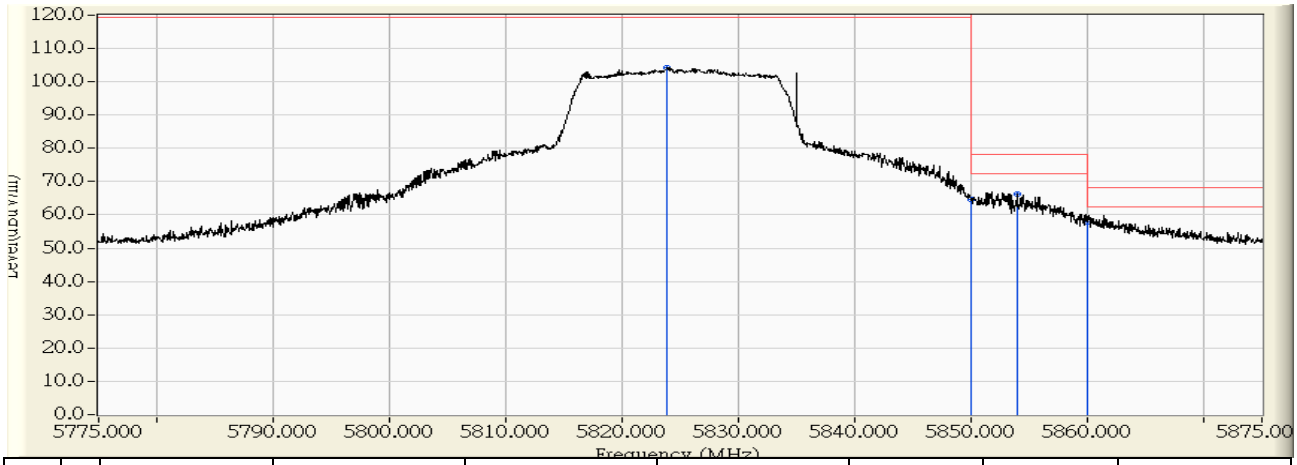


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.790	36.922	39.712	-14.288	54.000	AVERAGE
2		5451.320	3.575	36.921	40.497	-13.503	54.000	AVERAGE
3		5460.000	3.622	36.867	40.489	-13.511	54.000	AVERAGE
4	*	5746.560	2.607	95.732	98.338	44.338	54.000	AVERAGE
5		7450.000	5.982	38.430	44.412	-9.588	54.000	AVERAGE
6		7740.640	6.489	38.488	44.977	-9.023	54.000	AVERAGE
7		7750.000	6.505	38.547	45.052	-8.948	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/19 - 05:45**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_802.11 n(20M)_5825MHz**

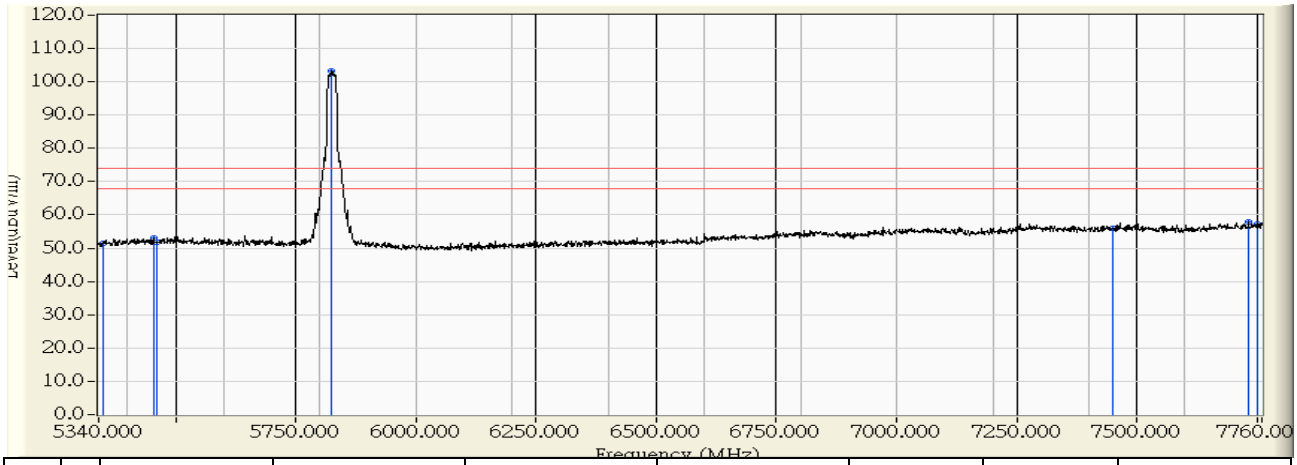


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5823.900	2.308	101.949	104.257	-21.043	125.300	PEAK
2		5850.000	2.339	62.299	64.638	-13.662	78.300	PEAK
3		5853.950	2.323	64.107	66.431	-11.869	78.300	PEAK
4	*	5860.000	2.300	55.588	57.888	-10.412	68.300	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/19 - 05:46**
Limit : FCC_SPARTE_15.407_H_2014_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_802.11 n(20M)_5825MHz**

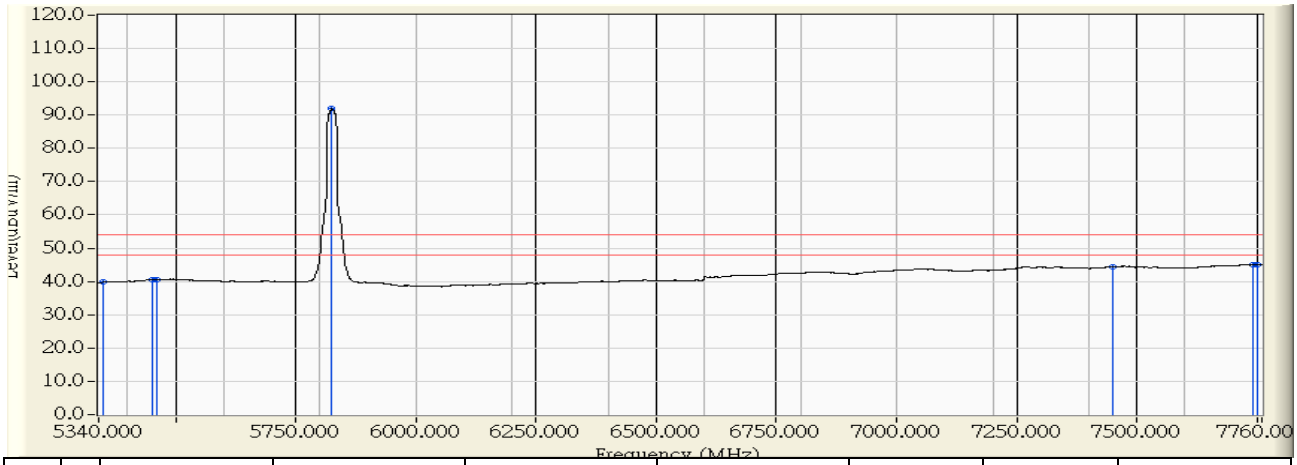


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.526	48.932	51.458	-22.542	74.000	PEAK
2		5453.740	3.331	49.906	53.237	-20.763	74.000	PEAK
3		5460.000	3.379	48.391	51.770	-22.230	74.000	PEAK
4	*	5822.790	2.444	100.687	103.131	29.131	74.000	PEAK
5		7450.000	5.908	49.969	55.877	-18.123	74.000	PEAK
6		7732.170	6.416	51.369	57.785	-16.215	74.000	PEAK
7		7750.000	6.446	50.877	57.323	-16.677	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/19 - 05:51**
Limit : FCC_SPARTE_15.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_802.11 n(20M)_5825MHz**

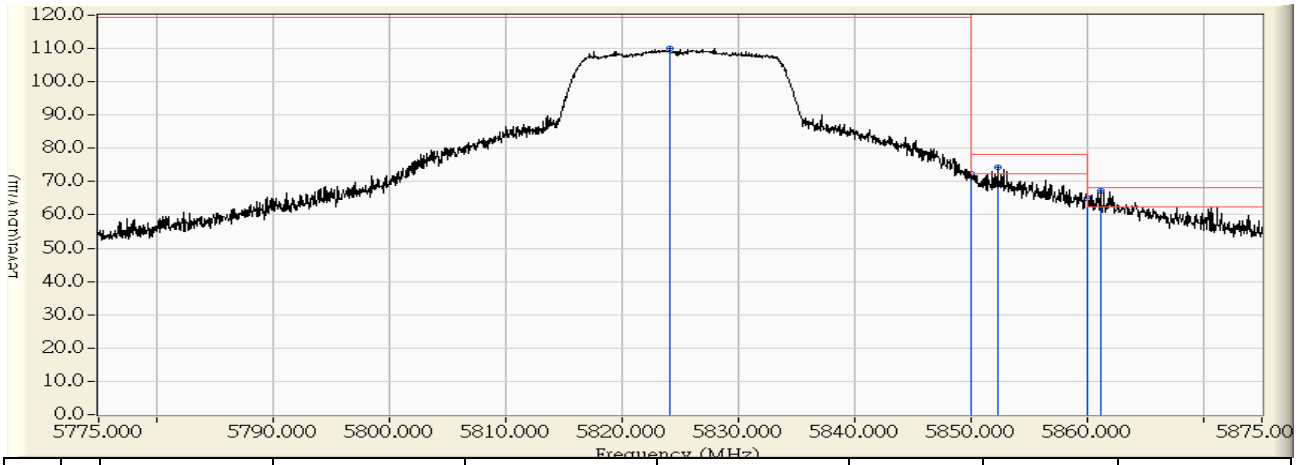


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.526	37.229	39.755	-14.245	54.000	AVERAGE
2		5451.320	3.313	37.162	40.474	-13.526	54.000	AVERAGE
3		5460.000	3.379	37.071	40.450	-13.550	54.000	AVERAGE
4	*	5824.000	2.439	89.650	92.089	38.089	54.000	AVERAGE
5		7450.000	5.908	38.475	44.383	-9.617	54.000	AVERAGE
6		7740.640	6.431	38.612	45.042	-8.958	54.000	AVERAGE
7		7750.000	6.446	38.519	44.965	-9.035	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/19 - 05:28**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_802.11 n(20M)_5825MHz**

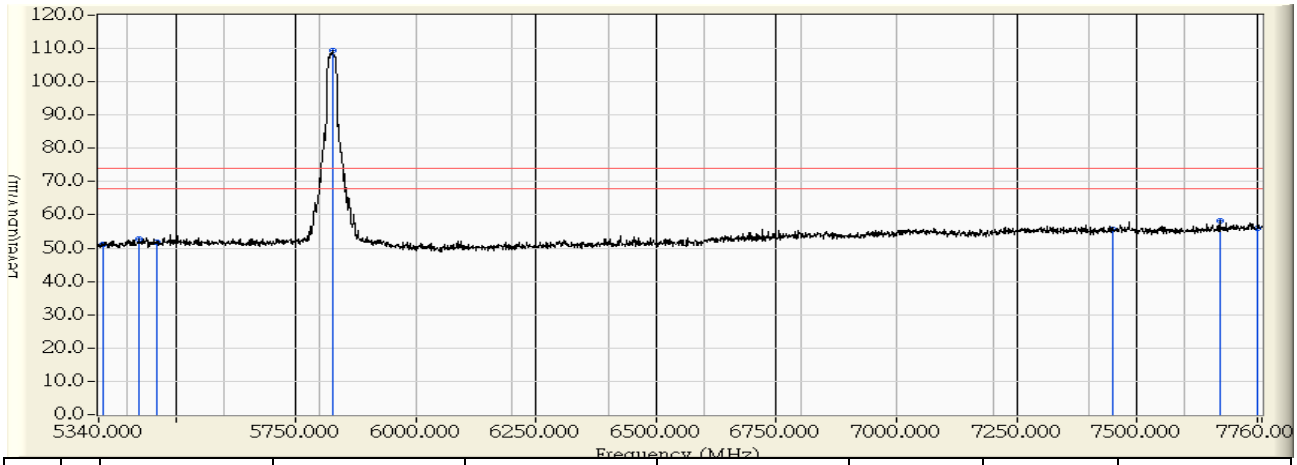


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5824.050	2.308	107.620	109.928	-15.372	125.300	PEAK
2		5850.000	2.339	70.021	72.360	-5.940	78.300	PEAK
3		5852.250	2.330	72.064	74.394	-3.906	78.300	PEAK
4		5860.000	2.300	62.575	64.875	-3.425	68.300	PEAK
5	*	5861.100	2.296	64.784	67.080	-1.220	68.300	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/19 - 05:30**
Limit : FCC_SPARTE_15.407_H_2014_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_802.11 n(20M)_5825MHz**

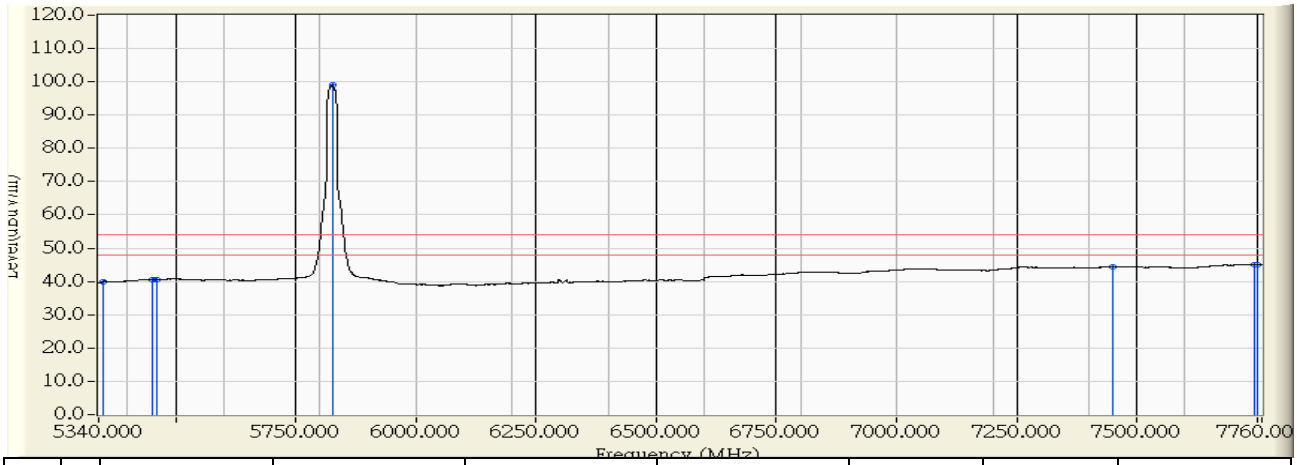


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.526	48.603	51.129	-22.871	74.000	PEAK
2		5423.490	3.096	49.728	52.824	-21.176	74.000	PEAK
3		5460.000	3.379	48.362	51.741	-22.259	74.000	PEAK
4	*	5826.420	2.429	106.957	109.387	35.387	74.000	PEAK
5		7450.000	5.908	49.616	55.524	-18.476	74.000	PEAK
6		7671.670	6.312	52.030	58.342	-15.658	74.000	PEAK
7		7750.000	6.446	49.413	55.859	-18.141	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/19 - 05:35**
Limit : FCC_SPARTE_15.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_802.11 n(20M)_5825MHz**

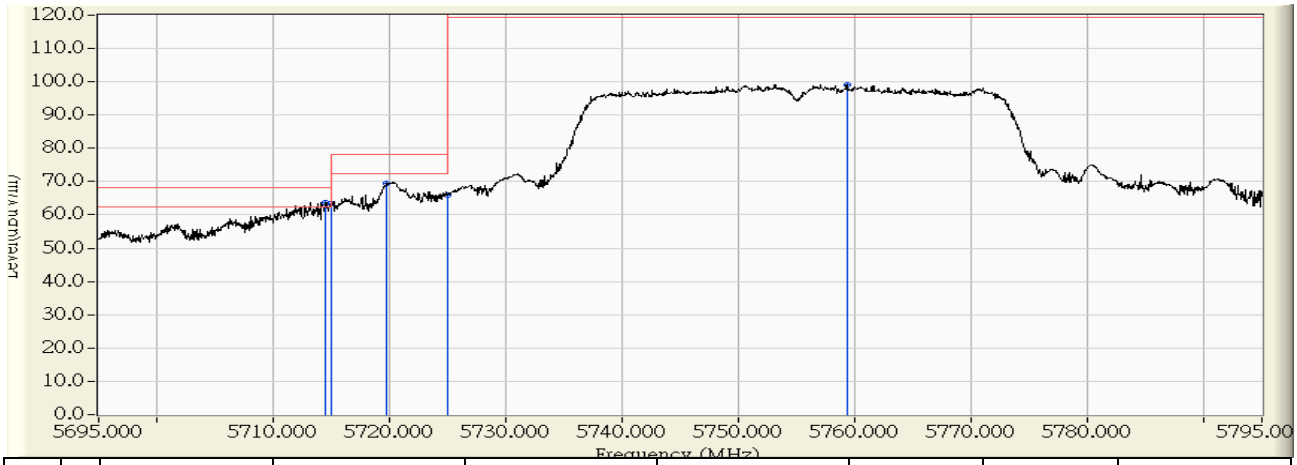


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.526	37.514	40.040	-13.960	54.000	AVERAGE
2		5451.320	3.313	37.232	40.544	-13.456	54.000	AVERAGE
3		5460.000	3.379	37.143	40.522	-13.478	54.000	AVERAGE
4	*	5826.420	2.429	96.524	98.954	44.954	54.000	AVERAGE
5		7450.000	5.908	38.435	44.343	-9.657	54.000	AVERAGE
6		7743.060	6.435	38.548	44.982	-9.018	54.000	AVERAGE
7		7750.000	6.446	38.560	45.006	-8.994	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/19 - 06:28**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_802.11 n(40M)_5755MHz**

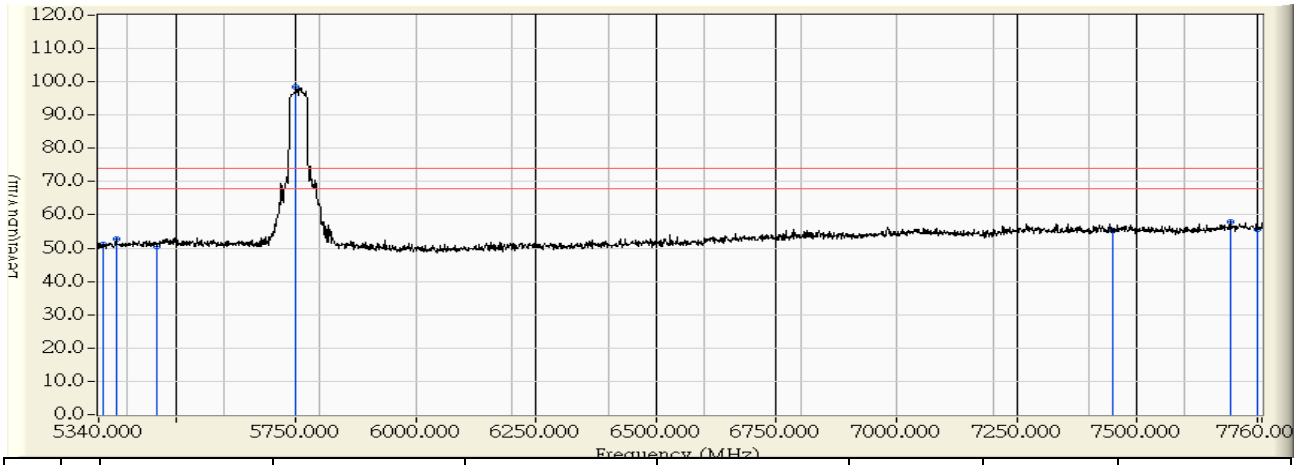


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5714.550	2.861	60.996	63.857	-4.443	68.300	PEAK
2		5715.000	2.859	60.537	63.396	-4.904	68.300	PEAK
3		5719.800	2.841	66.666	69.507	-8.793	78.300	PEAK
4		5725.000	2.821	63.271	66.092	-12.208	78.300	PEAK
5		5759.300	2.558	96.527	99.084	-26.216	125.300	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/19 - 06:29**
Limit : FCC_SPARTE_15.407_H_2014_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_802.11 n(40M)_5755MHz**

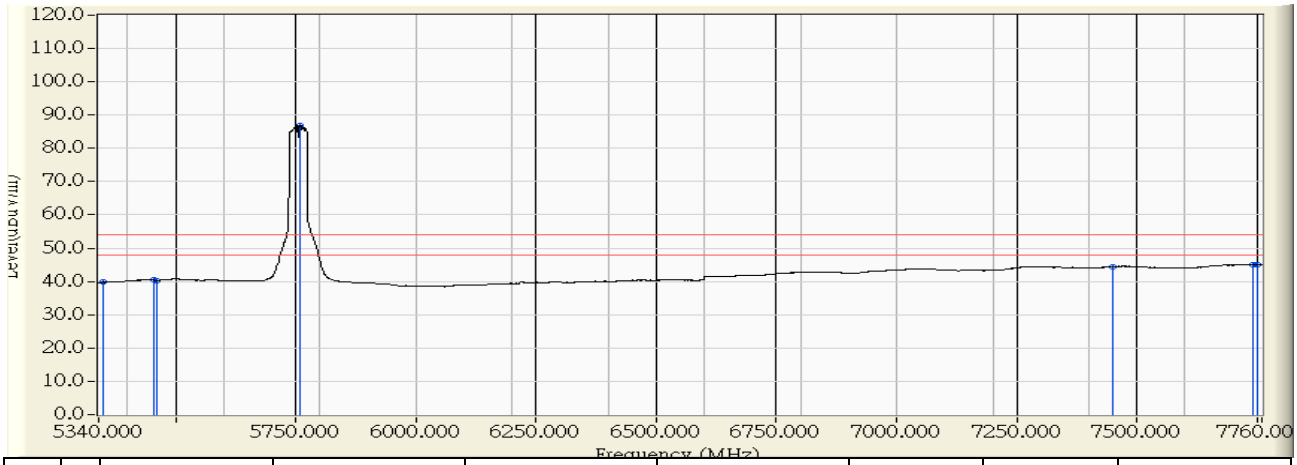


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.526	48.492	51.018	-22.982	74.000	PEAK
2		5376.300	2.731	50.129	52.859	-21.141	74.000	PEAK
3		5460.000	3.379	47.264	50.643	-23.357	74.000	PEAK
4	*	5750.190	2.723	95.785	98.509	24.509	74.000	PEAK
5		7450.000	5.908	49.575	55.483	-18.517	74.000	PEAK
6		7693.450	6.349	51.435	57.784	-16.216	74.000	PEAK
7		7750.000	6.446	49.188	55.634	-18.366	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/19 - 06:32**
Limit : FCC_SPARTE_15.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_802.11 n(40M)_5755MHz**

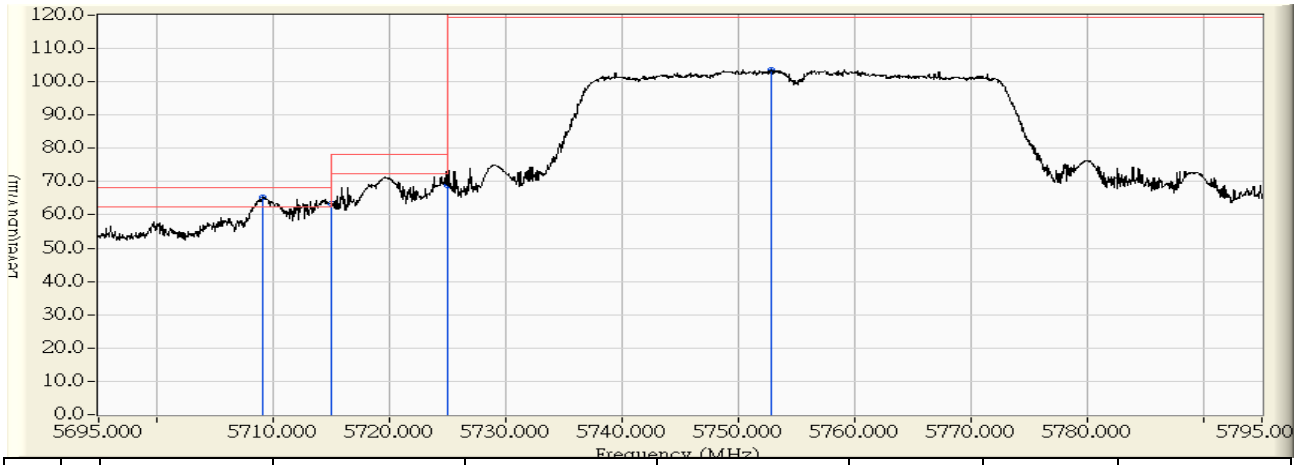


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.526	37.222	39.748	-14.252	54.000	AVERAGE
2		5453.740	3.331	37.086	40.417	-13.583	54.000	AVERAGE
3		5460.000	3.379	36.927	40.306	-13.694	54.000	AVERAGE
4	*	5759.870	2.687	84.264	86.950	32.950	54.000	AVERAGE
5		7450.000	5.908	38.570	44.478	-9.522	54.000	AVERAGE
6		7740.640	6.431	38.608	45.038	-8.962	54.000	AVERAGE
7		7750.000	6.446	38.631	45.077	-8.923	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/19 - 06:05**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_802.11 n(40M)_5755MHz**

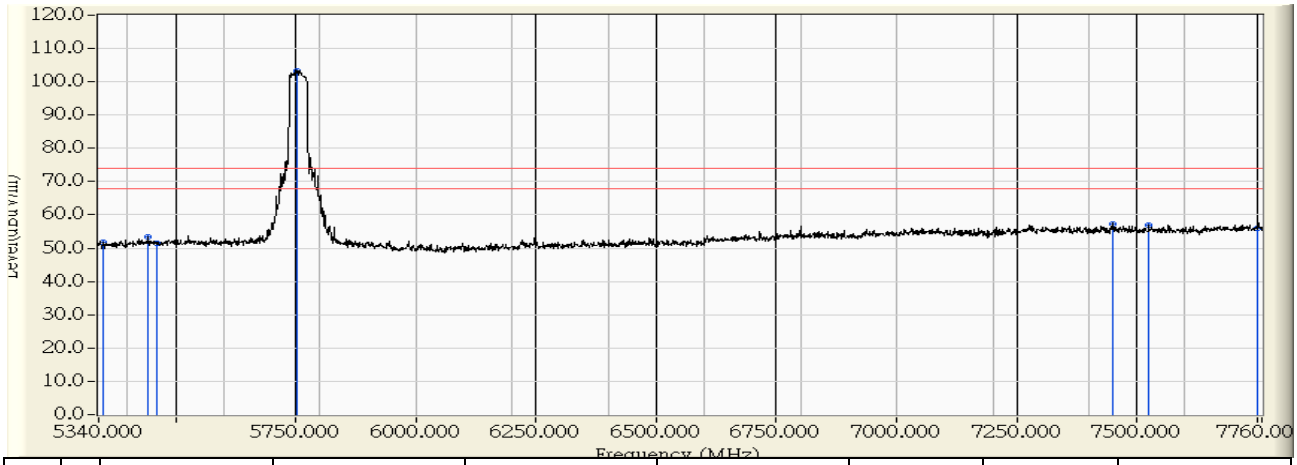


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5709.100	2.882	62.482	65.364	-2.936	68.300	PEAK
2		5715.000	2.859	60.491	63.350	-4.950	68.300	PEAK
3		5725.000	2.821	66.164	68.985	-9.315	78.300	PEAK
4		5752.850	2.583	101.082	103.664	-21.636	125.300	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/19 - 06:07**
Limit : FCC_SPARTE_15.407_H_2014_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_802.11 n(40M)_5755MHz**

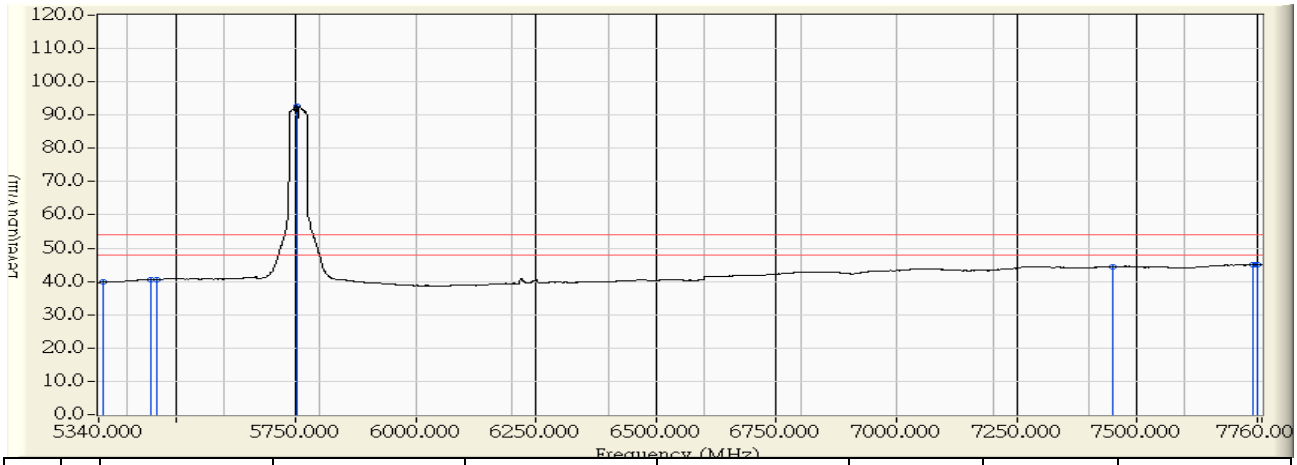


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.526	49.116	51.642	-22.358	74.000	PEAK
2		5442.850	3.246	50.115	53.361	-20.639	74.000	PEAK
3		5460.000	3.379	48.255	51.634	-22.366	74.000	PEAK
4	*	5751.400	2.719	100.621	103.340	29.340	74.000	PEAK
5		7450.000	5.908	51.225	57.133	-16.867	74.000	PEAK
6		7524.050	6.058	50.870	56.927	-17.073	74.000	PEAK
7		7750.000	6.446	49.607	56.053	-17.947	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/19 - 06:27**
Limit : FCC_SPARTE_15.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_802.11 n(40M)_5755MHz**

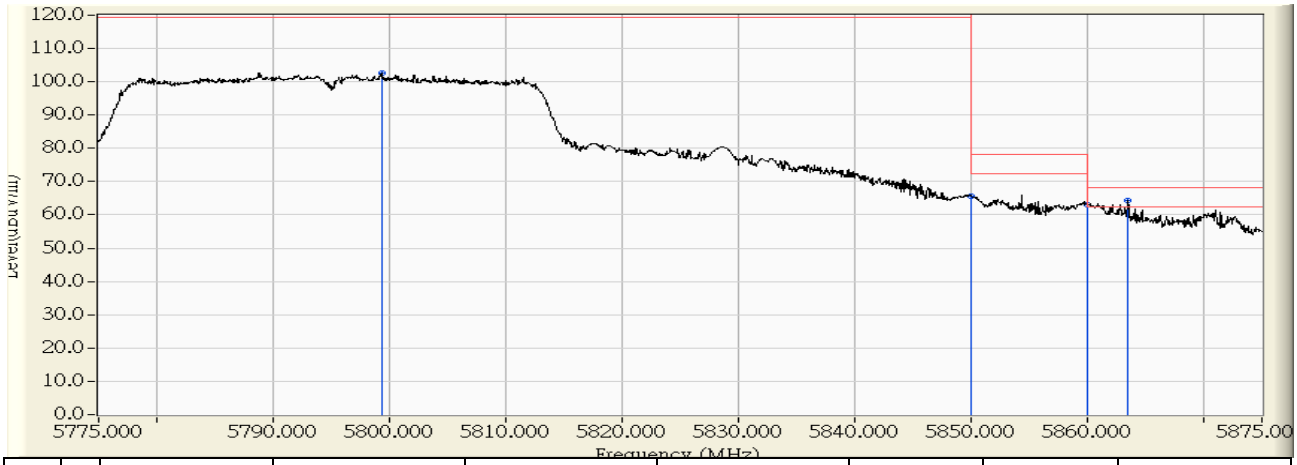


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.526	37.272	39.798	-14.202	54.000	AVERAGE
2		5447.690	3.283	37.311	40.595	-13.405	54.000	AVERAGE
3		5460.000	3.379	37.202	40.581	-13.419	54.000	AVERAGE
4	*	5752.610	2.715	90.005	92.719	38.719	54.000	AVERAGE
5		7450.000	5.908	38.412	44.320	-9.680	54.000	AVERAGE
6		7740.640	6.431	38.518	44.948	-9.052	54.000	AVERAGE
7		7750.000	6.446	38.646	45.092	-8.908	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/19 - 06:59**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_802.11 n(40M)_5795MHz**

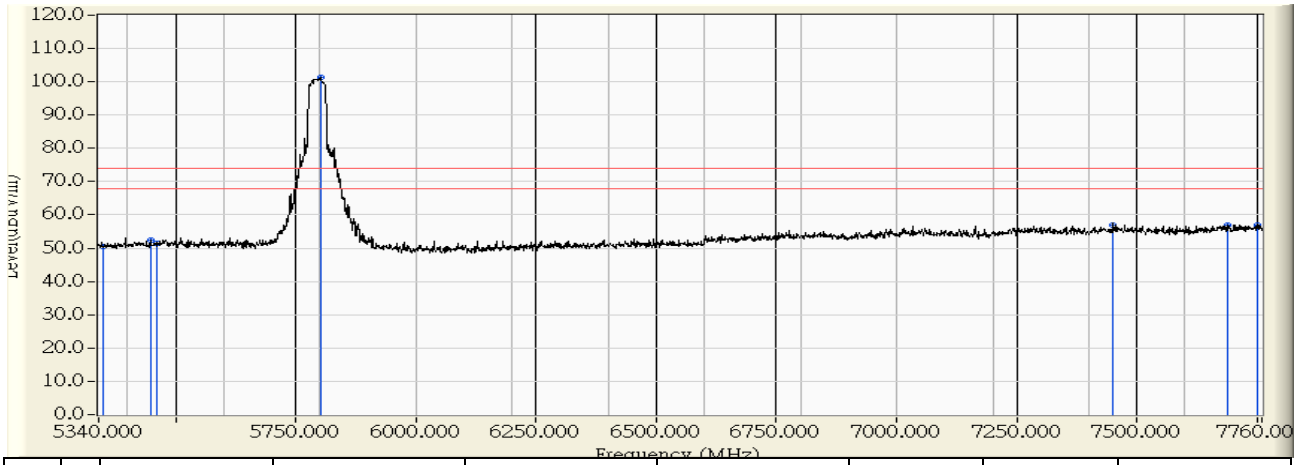


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5799.400	2.402	100.265	102.668	-22.632	125.300	PEAK
2		5850.000	2.339	63.390	65.729	-12.571	78.300	PEAK
3		5860.000	2.300	60.823	63.123	-5.177	68.300	PEAK
4	*	5863.450	2.287	61.957	64.244	-4.056	68.300	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/19 - 07:00**
Limit : FCC_SPARTE_15.407_H_2014_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_802.11 n(40M)_5795MHz**

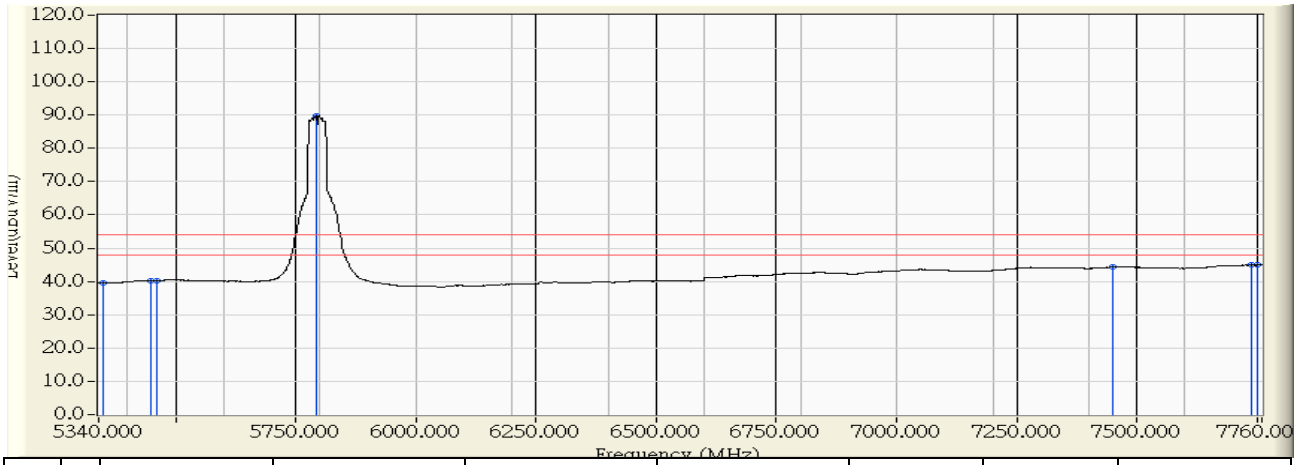


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.526	47.868	50.394	-23.606	74.000	PEAK
2		5448.900	3.293	49.044	52.337	-21.663	74.000	PEAK
3		5460.000	3.379	48.251	51.630	-22.370	74.000	PEAK
4	*	5801.010	2.528	98.811	101.339	27.339	74.000	PEAK
5		7450.000	5.908	51.167	57.075	-16.925	74.000	PEAK
6		7688.610	6.340	50.472	56.813	-17.187	74.000	PEAK
7		7750.000	6.446	50.441	56.887	-17.113	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/19 - 07:04**
Limit : FCC_SPARTE_15.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_802.11 n(40M)_5795MHz**

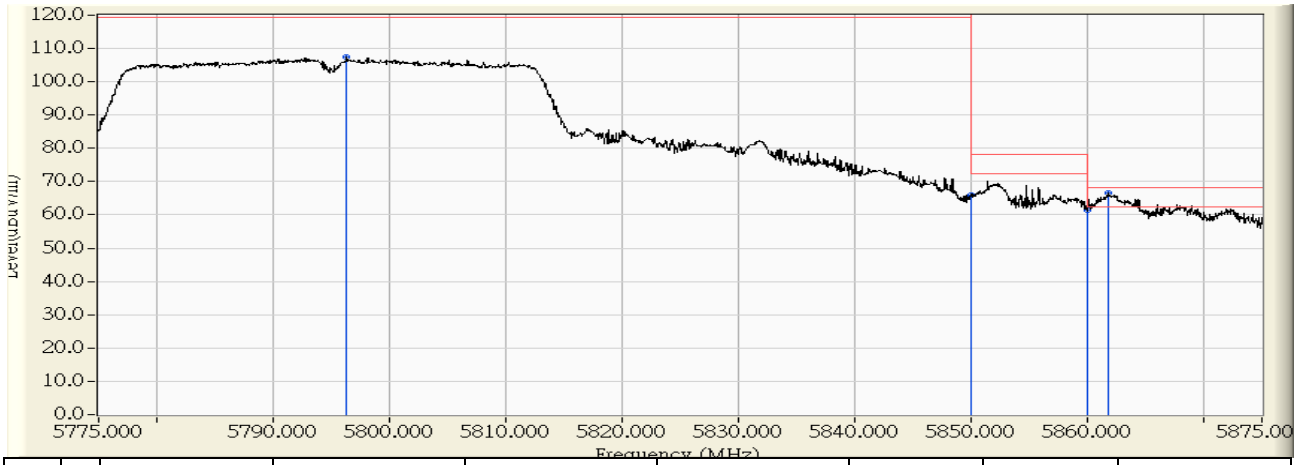


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.526	36.969	39.495	-14.505	54.000	AVERAGE
2		5447.690	3.283	36.998	40.282	-13.718	54.000	AVERAGE
3		5460.000	3.379	36.881	40.260	-13.740	54.000	AVERAGE
4	*	5792.540	2.560	87.294	89.854	35.854	54.000	AVERAGE
5		7450.000	5.908	38.379	44.287	-9.713	54.000	AVERAGE
6		7737.010	6.424	38.457	44.881	-9.119	54.000	AVERAGE
7		7750.000	6.446	38.486	44.932	-9.068	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/19 - 06:43**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_802.11 n(40M)_5795MHz**

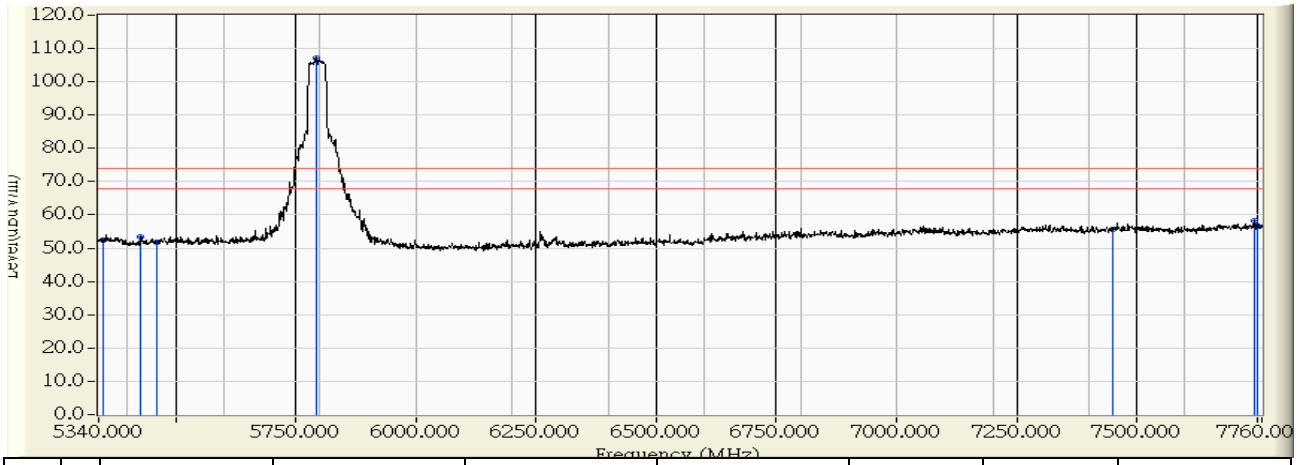


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5796.300	2.415	105.196	107.611	-17.689	125.300	PEAK
2		5850.000	2.339	63.693	66.032	-12.268	78.300	PEAK
3		5860.000	2.300	59.123	61.423	-6.877	68.300	PEAK
4	*	5861.750	2.294	64.183	66.477	-1.823	68.300	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/19 - 06:45**
Limit : FCC_SPARTE_15.407_H_2014_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_802.11 n(40M)_5795MHz**

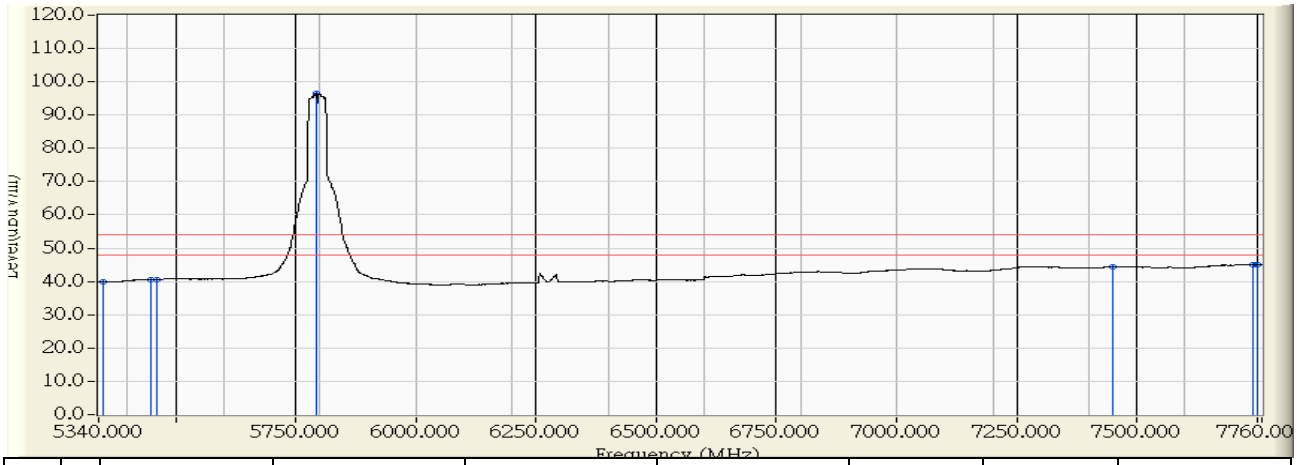


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.526	49.773	52.299	-21.701	74.000	PEAK
2		5427.120	3.125	50.240	53.364	-20.636	74.000	PEAK
3		5460.000	3.379	48.382	51.761	-22.239	74.000	PEAK
4	*	5792.540	2.560	104.729	107.289	33.289	74.000	PEAK
5		7450.000	5.908	49.662	55.570	-18.430	74.000	PEAK
6		7743.060	6.435	51.677	58.111	-15.889	74.000	PEAK
7		7750.000	6.446	50.175	56.621	-17.379	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/19 - 06:50**
Limit : FCC_SPARTE_15.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_802.11 n(40M)_5795MHz**

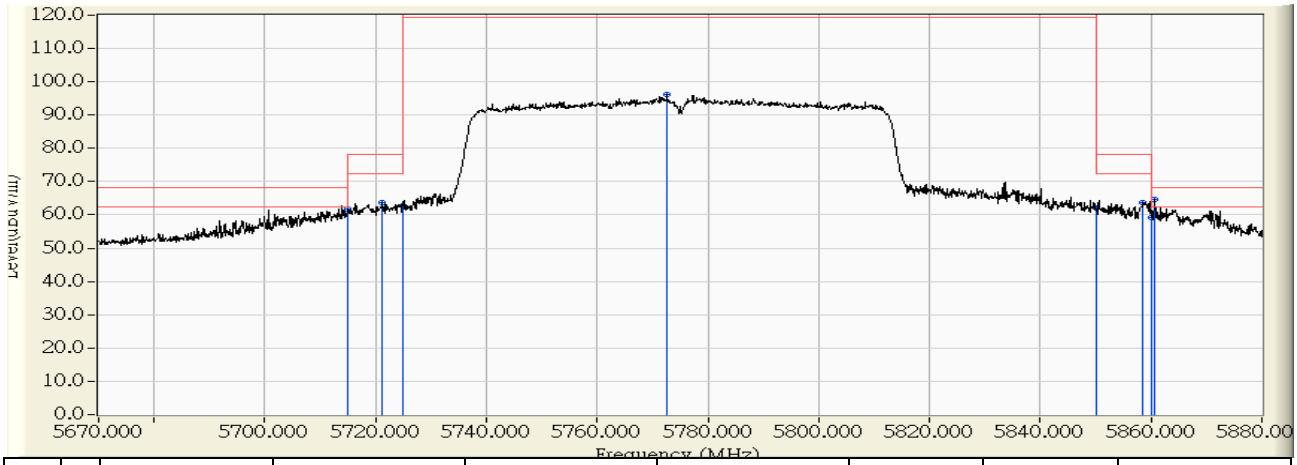


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.526	37.333	39.859	-14.141	54.000	AVERAGE
2		5447.690	3.283	37.303	40.587	-13.413	54.000	AVERAGE
3		5460.000	3.379	37.232	40.611	-13.389	54.000	AVERAGE
4	*	5792.540	2.560	93.949	96.509	42.509	54.000	AVERAGE
5		7450.000	5.908	38.592	44.500	-9.500	54.000	AVERAGE
6		7740.640	6.431	38.663	45.093	-8.907	54.000	AVERAGE
7		7750.000	6.446	38.689	45.135	-8.865	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/19 - 07:32**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_802.11 ac(80M)_5775MHz**

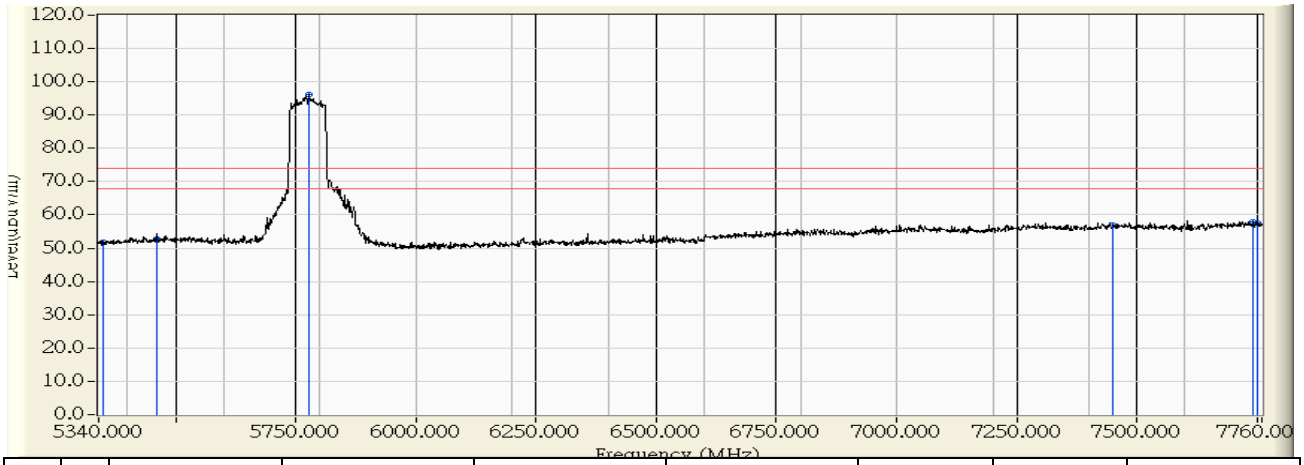


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5715.000	2.859	58.912	61.771	-6.529	68.300	PEAK
2		5721.135	2.835	60.893	63.729	-14.571	78.300	PEAK
3		5725.000	2.821	60.025	62.846	-15.454	78.300	PEAK
4		5772.585	2.507	93.825	96.331	-28.969	125.300	PEAK
5		5850.000	2.339	59.708	62.047	-16.253	78.300	PEAK
6		5858.580	2.306	61.477	63.783	-14.517	78.300	PEAK
7		5860.000	2.300	57.049	59.349	-8.951	68.300	PEAK
8	*	5860.680	2.297	62.426	64.724	-3.576	68.300	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/19 - 07:36**
Limit : FCC_SPARTE_15.407_H_2014_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_802.11 ac(80M)_5775MHz**

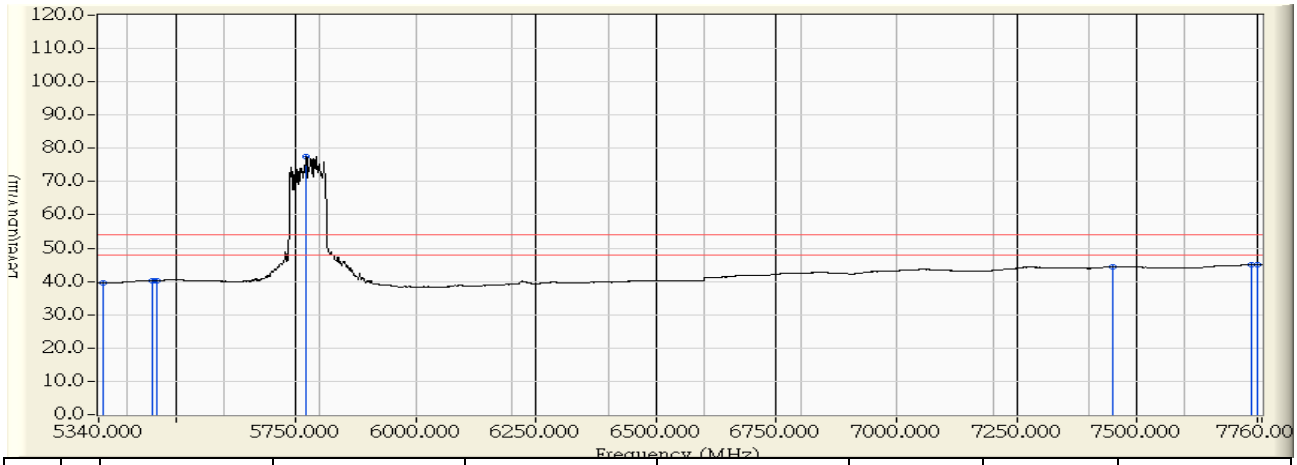


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.526	49.178	51.704	-22.296	74.000	PEAK
2		5459.790	3.377	48.976	52.354	-21.646	74.000	PEAK
3		5460.000	3.379	49.338	52.717	-21.283	74.000	PEAK
4	*	5776.810	2.621	93.499	96.120	22.120	74.000	PEAK
5		7450.000	5.908	51.019	56.927	-17.073	74.000	PEAK
6		7741.850	6.432	51.590	58.022	-15.978	74.000	PEAK
7		7750.000	6.446	51.061	57.507	-16.493	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/19 - 07:40**
Limit : FCC_SPARTE_15.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_802.11 ac(80M)_5775MHz**

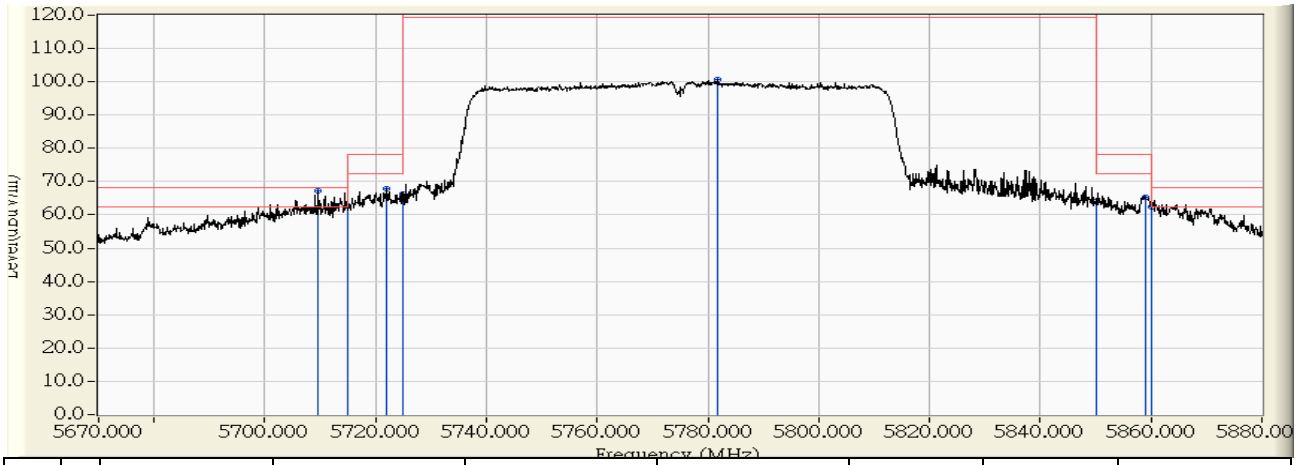


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.526	37.019	39.545	-14.455	54.000	AVERAGE
2		5452.530	3.321	36.965	40.286	-13.714	54.000	AVERAGE
3		5460.000	3.379	36.871	40.250	-13.750	54.000	AVERAGE
4	*	5771.970	2.639	75.011	77.651	23.651	54.000	AVERAGE
5		7450.000	5.908	38.436	44.344	-9.656	54.000	AVERAGE
6		7737.010	6.424	38.553	44.977	-9.023	54.000	AVERAGE
7		7750.000	6.446	38.535	44.981	-9.019	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/19 - 07:19**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_802.11 ac(80M)_5775MHz**

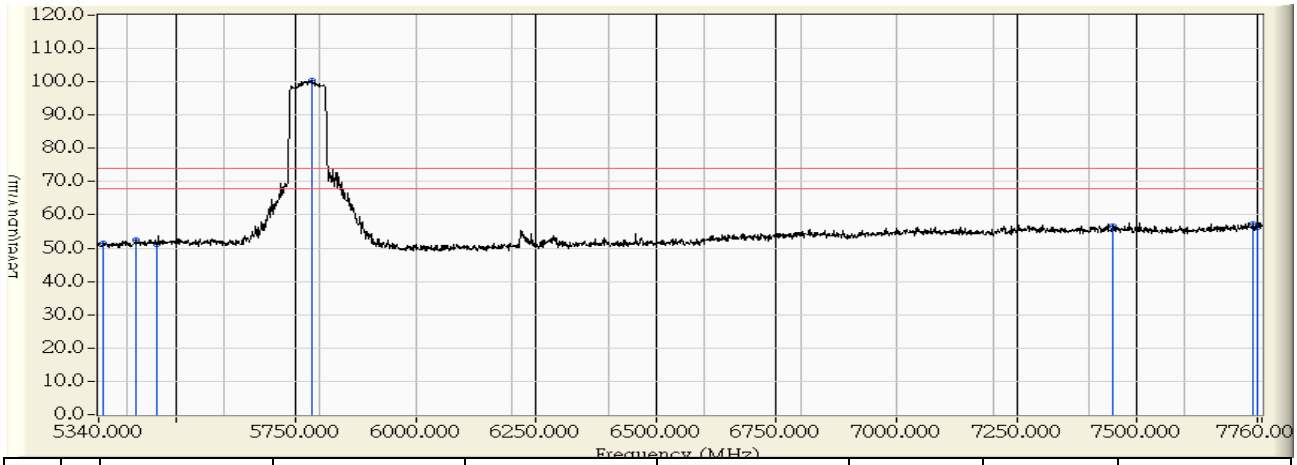


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5709.690	2.879	64.332	67.212	-1.088	68.300	PEAK
2		5715.000	2.859	59.885	62.744	-5.556	68.300	PEAK
3		5721.870	2.833	65.157	67.990	-10.310	78.300	PEAK
4		5725.000	2.821	63.422	66.243	-12.057	78.300	PEAK
5		5781.825	2.471	98.077	100.548	-24.752	125.300	PEAK
6		5850.000	2.339	61.526	63.865	-14.435	78.300	PEAK
7		5858.895	2.304	63.059	65.364	-12.936	78.300	PEAK
8		5860.000	2.300	60.183	62.483	-5.817	68.300	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/19 - 07:22**
Limit : FCC_SPARTE_15.407_H_2014_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_802.11 ac(80M)_5775MHz**

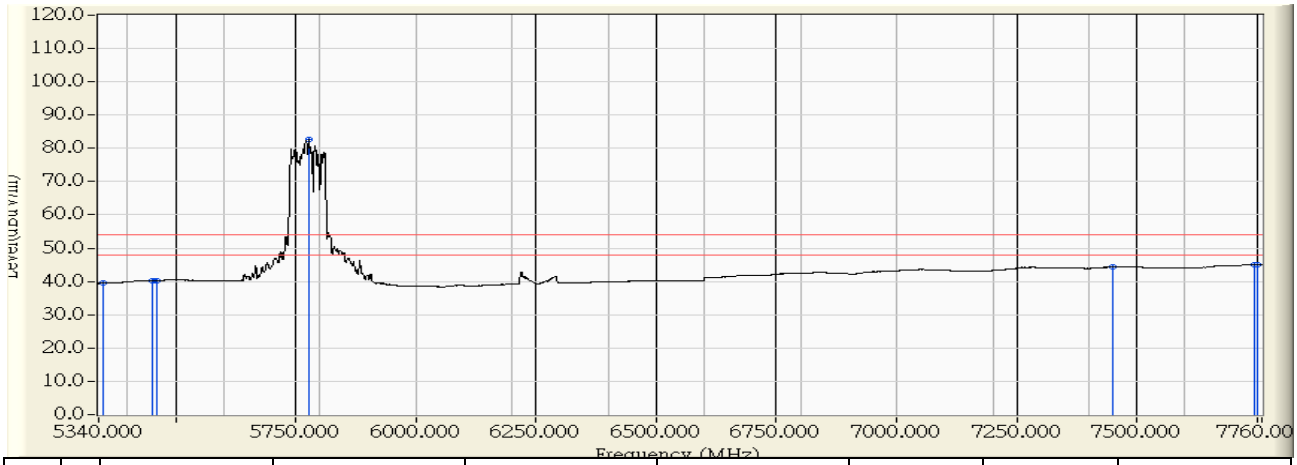


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.526	48.877	51.403	-22.597	74.000	PEAK
2		5417.440	3.050	49.429	52.478	-21.522	74.000	PEAK
3		5460.000	3.379	47.758	51.137	-22.863	74.000	PEAK
4	*	5782.860	2.598	97.742	100.340	26.340	74.000	PEAK
5		7450.000	5.908	50.809	56.717	-17.283	74.000	PEAK
6		7740.640	6.431	50.869	57.299	-16.701	74.000	PEAK
7		7750.000	6.446	49.695	56.141	-17.859	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2014/06/19 - 07:26**
Limit : FCC_SPARTE_15.407_H_2014_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1300 USB Adapter	**Note : Mode 2: Transmit (MIMO Mode)_802.11 ac(80M)_5775MHz**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.526	37.002	39.528	-14.472	54.000	AVERAGE
2		5451.320	3.313	36.958	40.270	-13.730	54.000	AVERAGE
3		5460.000	3.379	36.879	40.258	-13.742	54.000	AVERAGE
4	*	5778.020	2.616	80.070	82.686	28.686	54.000	AVERAGE
5		7450.000	5.908	38.414	44.322	-9.678	54.000	AVERAGE
6		7743.060	6.435	38.480	44.914	-9.086	54.000	AVERAGE
7		7750.000	6.446	38.526	44.972	-9.028	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

8. Frequency Stability

8.1. Test Equipment

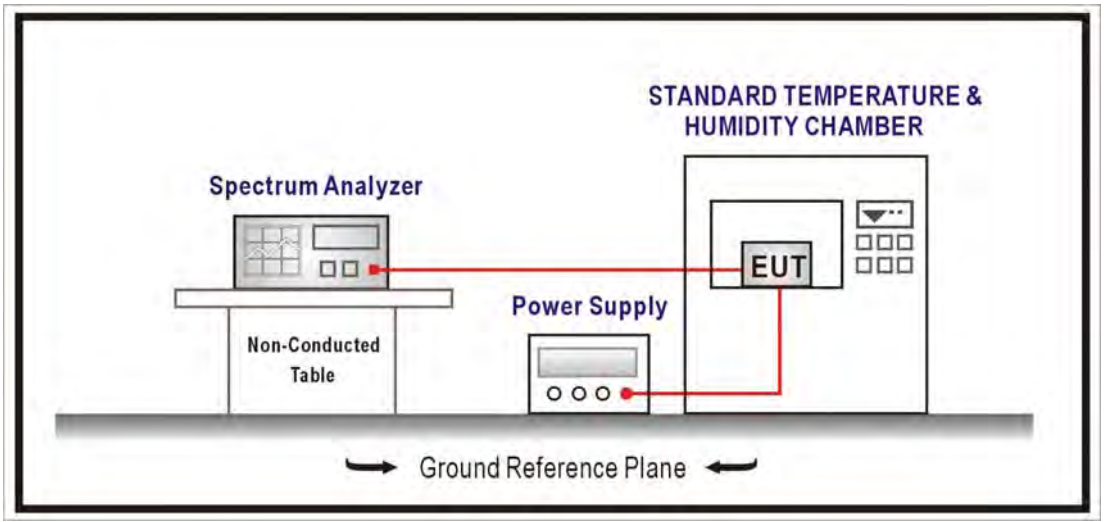
The following test equipments are used during the radiated emission tests:

Frequency Stability / SR7

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	Agilent	N9010A-EXA	US47140172	2015/07/14
Standard Temperature & Humidity Chamber	WIT	TH-1S-B	1082101	2015/01/22

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

8.2. Test Setup



8.3. Limits

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

8.4. Test Procedure

The EUT was setup to ANSI C63.10:2013; tested to U-NII test procedure of KDB 789033 for compliance to FCC 47CFR Subpart E requirements.

8.5. Uncertainty

The measurement uncertainty is defined as ± 150 Hz

8.6. Test Result

Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit (CDD Mode)		
Date of Test	2014/08/10	Test Site	SR7

802.11a - 5180MHz, ANT 0

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5180.7131	137.6583	Pass
-10		5180.2334	45.0665	Pass
0		5180.5476	105.7141	Pass
10		5180.6613	127.6668	Pass
20		5180.5544	107.0227	Pass
30		5180.6339	122.3656	Pass
40		5180.8675	167.4776	Pass
50		5180.8404	162.2439	Pass

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5180.1049	20.2471	Pass
	120	5180.4275	82.5265	Pass
	138	5180.4606	88.9179	Pass

Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit (CDD Mode)		
Date of Test	2014/08/10	Test Site	SR7

802.11a - 5240MHz, ANT 0

Temperature Interval (oC)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5240.0537	10.2457	Pass
-10		5240.3226	61.5637	Pass
0		5240.1971	37.6054	Pass
10		5240.1507	28.7688	Pass
20		5240.7120	135.8850	Pass
30		5240.3782	72.1798	Pass
40		5240.5602	106.9053	Pass
50		5240.2776	52.9825	Pass

Temperature Interval (oC)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5240.2759	52.6545	Pass
	120	5240.4977	94.9797	Pass
	138	5240.0568	10.8333	Pass

Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit (CDD Mode)		
Date of Test	2014/08/10	Test Site	SR7

802.11a - 5180MHz ANT 1

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5180.1715	33.1101	Pass
-10		5180.8924	172.2777	Pass
0		5180.0639	12.3314	Pass
10		5180.5087	98.2022	Pass
20		5180.2595	50.1007	Pass
30		5180.6450	124.5246	Pass
40		5180.2564	49.4970	Pass
50		5180.2165	41.7922	Pass

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5180.3982	76.8697	Pass
	120	5180.2074	40.0318	Pass
	138	5180.0967	18.6593	Pass

Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit (CDD Mode)		
Date of Test	2014/08/10	Test Site	SR7

802.11a - 5240MHz ANT 1

Temperature Interval (oC)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5240.0537	10.2457	Pass
-10		5240.3226	61.5637	Pass
0		5240.1971	37.6054	Pass
10		5240.1507	28.7688	Pass
20		5240.7120	135.8850	Pass
30		5240.3782	72.1798	Pass
40		5240.5602	106.9053	Pass
50		5240.2776	52.9825	Pass

Temperature Interval (oC)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5240.2759	52.6545	Pass
	120	5240.4977	94.9797	Pass
	138	5240.0568	10.8333	Pass

Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Frequency Stability		
Test Mode	Mode 2: Transmit (MIMO Mode)		
Date of Test	2014/08/10	Test Site	SR7

802.11n_20M - 5180MHz, ANT 0

Temperature Interval (oC)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5180.0205	3.9509	Pass
-10		5180.6898	133.1664	Pass
0		5180.5083	98.1337	Pass
10		5180.2174	41.9758	Pass
20		5180.5463	105.4566	Pass
30		5180.1161	22.4046	Pass
40		5180.1346	25.9928	Pass
50		5180.5828	112.5133	Pass

Temperature Interval (oC)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5180.2884	55.6744	Pass
	120	5180.3791	73.1787	Pass
	138	5180.0737	14.2289	Pass

Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Frequency Stability		
Test Mode	Mode 2: Transmit (MIMO Mode)		
Date of Test	2014/08/10	Test Site	SR7

802.11n_20M - 5240MHz, ANT 0

Temperature Interval (oC)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5240.8998	171.7167	Pass
-10		5240.1699	32.4323	Pass
0		5240.7743	147.7705	Pass
10		5240.4736	90.3811	Pass
20		5240.3554	67.8229	Pass
30		5240.3569	68.1101	Pass
40		5240.1811	34.5631	Pass
50		5240.8720	166.4144	Pass

Temperature Interval (oC)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5240.3147	60.0542	Pass
	120	5240.1305	24.9139	Pass
	138	5240.2370	45.2290	Pass

Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Frequency Stability		
Test Mode	Mode 2: Transmit (MIMO Mode)		
Date of Test	2014/08/10	Test Site	SR7

802.11n_20M - 5180MHz, ANT 1

Temperature Interval (oC)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5180.0743	14.3509	Pass
-10		5180.7387	142.5985	Pass
0		5180.5720	110.4245	Pass
10		5180.8899	171.7999	Pass
20		5180.2301	44.4187	Pass
30		5180.8936	172.5192	Pass
40		5180.8202	158.3333	Pass
50		5180.0429	8.2771	Pass

Temperature Interval (oC)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5180.4340	83.7934	Pass
	120	5180.1313	25.3463	Pass
	138	5180.0410	7.9183	Pass

Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Frequency Stability		
Test Mode	Mode 2: Transmit (MIMO Mode)		
Date of Test	2014/08/10	Test Site	SR7

802.11n_20M - 5240MHz, ANT 1

Temperature Interval (oC)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5240.0926	17.6744	Pass
-10		5240.3971	75.7914	Pass
0		5240.5468	104.3516	Pass
10		5240.0702	13.4056	Pass
20		5240.6994	133.4697	Pass
30		5240.1093	20.8514	Pass
40		5240.7897	150.7003	Pass
50		5240.7965	151.9971	Pass

Temperature Interval (oC)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5240.0476	9.0861	Pass
	120	5240.4319	82.4331	Pass
	138	5240.0705	13.4578	Pass

Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Frequency Stability		
Test Mode	Mode 2: Transmit (MIMO Mode)		
Date of Test	2014/08/10	Test Site	SR7

802.11n_40M - 5190MHz, ANT 0

Temperature Interval (oC)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5190.0876	16.8750	Pass
-10		5190.1941	37.4064	Pass
0		5190.0368	7.0979	Pass
10		5190.4432	85.4015	Pass
20		5190.8224	158.4667	Pass
30		5190.4887	94.1702	Pass
40		5190.2052	39.5306	Pass
50		5190.6208	119.6103	Pass

Temperature Interval (oC)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5190.3872	74.6124	Pass
	120	5190.1194	23.0019	Pass
	138	5190.0093	1.7936	Pass

Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Frequency Stability		
Test Mode	Mode 2: Transmit (MIMO Mode)		
Date of Test	2014/08/10	Test Site	SR7

802.11n_40M - 5230MHz, ANT 0

Temperature Interval (oC)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5230.8536	163.2157	Pass
-10		5230.2569	49.1141	Pass
0		5230.7093	135.6294	Pass
10		5230.2952	56.4440	Pass
20		5230.5844	111.7379	Pass
30		5230.6516	124.5983	Pass
40		5230.7668	146.6119	Pass
50		5230.0354	6.7595	Pass

Temperature Interval (oC)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5230.1655	31.6466	Pass
	120	5230.3872	74.0298	Pass
	138	5230.1769	33.8245	Pass

Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Frequency Stability		
Test Mode	Mode 2: Transmit (MIMO Mode)		
Date of Test	2014/08/10	Test Site	SR7

802.11n_40M - 5190MHz, ANT 1

Temperature Interval (oC)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5190.5909	113.8596	Pass
-10		5190.3103	59.7788	Pass
0		5190.3916	75.4505	Pass
10		5190.3206	61.7776	Pass
20		5190.1976	38.0777	Pass
30		5190.3408	65.6641	Pass
40		5190.6937	133.6659	Pass
50		5190.1974	38.0326	Pass

Temperature Interval (oC)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5190.3922	75.5719	Pass
	120	5190.0952	18.3341	Pass
	138	5190.0090	1.7392	Pass

Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Frequency Stability		
Test Mode	Mode 2: Transmit (MIMO Mode)		
Date of Test	2014/08/10	Test Site	SR7

802.11n_40M - 5230MHz, ANT 1

Temperature Interval (oC)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5230.3321	63.5036	Pass
-10		5230.6693	127.9682	Pass
0		5230.4013	76.7220	Pass
10		5230.3159	60.3939	Pass
20		5230.7634	145.9741	Pass
30		5230.7991	152.7872	Pass
40		5230.8538	163.2597	Pass
50		5230.6671	127.5512	Pass

Temperature Interval (oC)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5230.3748	71.6549	Pass
	120	5230.3179	60.7878	Pass
	138	5230.2405	45.9758	Pass

Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Frequency Stability		
Test Mode	Mode 2: Transmit (MIMO Mode)		
Date of Test	2014/08/10	Test Site	SR7

802.11ac_80M-5210MHz, ANT 0

Temperature Interval (oC)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5210.0813	15.6007	Pass
-10		5210.7224	138.6548	Pass
0		5210.1738	33.3625	Pass
10		5210.5494	105.4479	Pass
20		5210.3210	61.6063	Pass
30		5210.2124	40.7723	Pass
40		5210.7037	135.0738	Pass
50		5210.8404	161.3102	Pass

Temperature Interval (oC)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5210.1673	32.1076	Pass
	120	5210.0095	1.8213	Pass
	138	5210.2180	41.8461	Pass

Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Frequency Stability		
Test Mode	Mode 2: Transmit (MIMO Mode)		
Date of Test	2014/08/10	Test Site	SR7

802.11ac_80M-5210MHz, ANT 1

Temperature Interval (oC)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5210.4043	77.6011	Pass
-10		5210.4494	86.2665	Pass
0		5210.3896	74.7793	Pass
10		5210.1403	26.9277	Pass
20		5210.1709	32.8078	Pass
30		5210.5754	110.4356	Pass
40		5210.5295	101.6321	Pass
50		5210.8919	171.1883	Pass

Temperature Interval (oC)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5210.3852	73.9367	Pass
	120	5210.4572	87.7627	Pass
	138	5210.3553	68.1910	Pass

Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit (CDD Mode)		
Date of Test	2014/08/10	Test Site	SR7

802.11a - 5745MHz, ANT 0

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5745.6662	115.9616	Pass
-10		5745.4137	72.0033	Pass
0		5745.1331	23.1687	Pass
10		5745.6053	105.3600	Pass
20		5745.2757	47.9812	Pass
30		5745.1698	29.5511	Pass
40		5745.7139	124.2682	Pass
50		5745.6051	105.3260	Pass

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5745.1615	28.1120	Pass
	120	5745.0711	12.3844	Pass
	138	5745.3547	61.7326	Pass

Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit (CDD Mode)		
Date of Test	2014/08/10	Test Site	SR7

802.11a - 5825MHz, ANT 0

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5825.4130	70.8931	Pass
-10		5825.1440	24.7214	Pass
0		5825.8964	153.8808	Pass
10		5825.5328	91.4603	Pass
20		5825.2514	43.1627	Pass
30		5825.5415	92.9619	Pass
40		5825.2296	39.4123	Pass
50		5825.4139	71.0629	Pass

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5825.0833	14.3063	Pass
	120	5825.0785	13.4849	Pass
	138	5825.1156	19.8406	Pass

Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit (CDD Mode)		
Date of Test	2014/08/10	Test Site	SR7

802.11a - 5745MHz, ANT 1

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5745.5880	102.3566	Pass
-10		5745.1909	33.2302	Pass
0		5745.2389	41.5830	Pass
10		5745.1412	24.5842	Pass
20		5745.7640	132.9877	Pass
30		5745.2341	40.7434	Pass
40		5745.2316	40.3203	Pass
50		5745.8981	156.3278	Pass

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5745.4506	78.4262	Pass
	120	5745.0461	8.0204	Pass
	138	5745.1939	33.7497	Pass

Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit (CDD Mode)		
Date of Test	2014/08/10	Test Site	SR7

802.11a - 5825MHz, ANT 1

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5825.2666	45.7702	Pass
-10		5825.6775	116.3018	Pass
0		5825.5759	98.8617	Pass
10		5825.5881	100.9686	Pass
20		5825.8460	145.2311	Pass
30		5825.7536	129.3676	Pass
40		5825.8459	145.2125	Pass
50		5825.8191	140.6213	Pass

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5825.3328	57.1327	Pass
	120	5825.4375	75.1138	Pass
	138	5825.0426	7.3201	Pass

Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Frequency Stability		
Test Mode	Mode 2: Transmit (MIMO Mode)		
Date of Test	2014/08/10	Test Site	SR7

802.11n_20M - 5745MHz, ANT 0

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5745.2279	39.6713	Pass
-10		5745.2141	37.2657	Pass
0		5745.5995	104.3470	Pass
10		5745.1484	25.8249	Pass
20		5745.2421	42.1349	Pass
30		5745.1085	18.8831	Pass
40		5745.6198	107.8784	Pass
50		5745.8779	152.8113	Pass

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5745.4809	83.7040	Pass
	120	5745.3121	54.3191	Pass
	138	5745.3324	57.8599	Pass

Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Frequency Stability		
Test Mode	Mode 2: Transmit (MIMO Mode)		
Date of Test	2014/08/10	Test Site	SR7

802.11n_20M - 5825MHz, ANT 0

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5825.1909	32.7731	Pass
-10		5825.0669	11.4891	Pass
0		5825.2353	40.3867	Pass
10		5825.2599	44.6146	Pass
20		5825.2778	47.6963	Pass
30		5825.5125	87.9832	Pass
40		5825.6077	104.3291	Pass
50		5825.8660	148.6731	Pass

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5825.2251	38.6446	Pass
	120	5825.1369	23.5079	Pass
	138	5825.0844	14.4830	Pass

Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Frequency Stability		
Test Mode	Mode 2: Transmit (MIMO Mode)		
Date of Test	2014/08/10	Test Site	SR7

802.11n_20M - 5745MHz, ANT 1

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5745.1474	25.6586	Pass
-10		5745.5814	101.2042	Pass
0		5745.6999	121.8209	Pass
10		5745.2257	39.2920	Pass
20		5745.4117	71.6644	Pass
30		5745.8129	141.5011	Pass
40		5745.0139	2.4248	Pass
50		5745.2024	35.2377	Pass

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5745.4732	82.3747	Pass
	120	5745.1230	21.4031	Pass
	138	5745.2017	35.1083	Pass

Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Frequency Stability		
Test Mode	Mode 2: Transmit (MIMO Mode)		
Date of Test	2014/08/10	Test Site	SR7

802.11n_20M - 5825MHz, ANT 1

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5825.5060	86.8747	Pass
-10		5825.4280	73.4720	Pass
0		5825.2817	48.3618	Pass
10		5825.2036	34.9491	Pass
20		5825.7182	123.2984	Pass
30		5825.0349	5.9998	Pass
40		5825.0753	12.9354	Pass
50		5825.7880	135.2837	Pass

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5825.0124	2.1247	Pass
	120	5825.2881	49.4559	Pass
	138	5825.4287	73.6047	Pass

Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Frequency Stability		
Test Mode	Mode 2: Transmit (MIMO Mode)		
Date of Test	2014/08/10	Test Site	SR7

802.11n_40M - 5755MHz, ANT 0

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5755.5940	103.2228	Pass
-10		5755.8324	144.6471	Pass
0		5755.6207	107.8475	Pass
10		5755.4871	84.6418	Pass
20		5755.0020	0.3558	Pass
30		5755.5853	101.7113	Pass
40		5755.3014	52.3790	Pass
50		5755.6287	109.2424	Pass

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5755.0829	14.4011	Pass
	120	5755.1899	32.9912	Pass
	138	5755.1511	26.2524	Pass

Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Frequency Stability		
Test Mode	Mode 2: Transmit (MIMO Mode)		
Date of Test	2014/08/10	Test Site	SR7

802.11n_40M - 5795MHz, ANT 0

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5795.0086	1.4792	Pass
-10		5795.7001	120.8123	Pass
0		5795.4079	70.3904	Pass
10		5795.4586	79.1409	Pass
20		5795.1417	24.4532	Pass
30		5795.7522	129.7995	Pass
40		5795.5678	97.9753	Pass
50		5795.5660	97.6624	Pass

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5795.2739	47.2671	Pass
	120	5795.0011	0.1914	Pass
	138	5795.2313	39.9117	Pass

Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Frequency Stability		
Test Mode	Mode 2: Transmit (MIMO Mode)		
Date of Test	2014/08/10	Test Site	SR7

802.11n_40M - 5755MHz, ANT 1

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5755.1663	28.8918	Pass
-10		5755.0528	9.1826	Pass
0		5755.4975	86.4484	Pass
10		5755.0819	14.2341	Pass
20		5755.5955	103.4758	Pass
30		5755.0550	9.5544	Pass
40		5755.3469	60.2700	Pass
50		5755.0777	13.4946	Pass

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5755.2852	49.5516	Pass
	120	5755.1714	29.7826	Pass
	138	5755.0484	8.4085	Pass

Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Frequency Stability		
Test Mode	Mode 2: Transmit (MIMO Mode)		
Date of Test	2014/08/10	Test Site	SR7

802.11n_40M - 5795MHz, ANT 1

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5795.7192	124.1149	Pass
-10		5795.5095	87.9274	Pass
0		5795.6752	116.5221	Pass
10		5795.7894	136.2155	Pass
20		5795.0254	4.3772	Pass
30		5795.1837	31.7011	Pass
40		5795.8036	138.6704	Pass
50		5795.6230	107.5095	Pass

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5795.0467	8.0640	Pass
	120	5795.2951	50.9210	Pass
	138	5795.4380	75.5845	Pass

Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Frequency Stability		
Test Mode	Mode 2: Transmit (MIMO Mode)		
Date of Test	2014/08/10	Test Site	SR7

802.11ac_80M-5775MHz, ANT 0

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5775.3999	69.2447	Pass
-10		5775.8405	145.5343	Pass
0		5775.7794	134.9567	Pass
10		5775.3119	54.0134	Pass
20		5775.3468	60.0523	Pass
30		5775.4908	84.9931	Pass
40		5775.4302	74.4906	Pass
50		5775.7049	122.0528	Pass

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5775.1643	28.4431	Pass
	120	5775.2655	45.9689	Pass
	138	5775.3948	68.3717	Pass

Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Frequency Stability		
Test Mode	Mode 2: Transmit (MIMO Mode)		
Date of Test	2014/08/10	Test Site	SR7

802.11ac_80M-5775MHz, ANT 1

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5775.3175	54.9849	Pass
-10		5775.7262	125.7412	Pass
0		5775.3789	65.6038	Pass
10		5775.7995	138.4384	Pass
20		5775.0589	10.2010	Pass
30		5775.5668	98.1445	Pass
40		5775.1944	33.6545	Pass
50		5775.2363	40.9167	Pass

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5775.4548	78.7533	Pass
	120	5775.4947	85.6616	Pass
	138	5775.2280	39.4853	Pass