

**Test Report****Compliance with Industry Canada Interference-Causing  
Equipment Standard ICES-003**

Product Name : Dark Knight Double 450Mbps Dual N Band Router  
Model No. : RT-N66U  
FCC ID. : DoC

Applicant : ASUSTeK COMPUTER INC.  
Address : No. 15, Li-Te Rd., Peitou, Taipei 112, Taiwan R.O.C.

Date of Receipt : 2011/06/17  
Issued Date : 2011/11/22  
Report No. : 116286R-RFUSP37V02  
Report Version : V1.0

The test results relate only to the samples tested.  
The test report shall not be reproduced except in full without the written approval of Quietek Corporation.

## Test Report Certification

Issued Date : 2011/11/22

Report No. : 116286R-RFUSP37V02



Product Name : Dark Knight Double 450Mbps Dual N Band Router  
 Applicant : ASUSTeK COMPUTER INC.  
 Address : No. 15, Li-Te Rd., Peitou, Taipei 112, Taiwan R.O.C.  
 Manufacturer : Askey Technology (Jiangsu) LTD.  
 Model No. : RT-N66U  
 FCC ID. : DoC  
 EUT Voltage : AC 100-240V, 50-60Hz  
 Trade Name : ASUS  
 Applicable Standard : FCC CFR Title 47 Part 15 Subpart B: 2010 Class B,  
 CISPR 22: 2008, ICES-003 Issue 4: 2004 Class B,  
 ANSI C63.4: 2009  
 Test Result : Complied

The test results relate only to the samples tested.

The test report shall not be reproduced except in full without the written approval of Quietek Corporation.

Documented By : Sandy Chuang  
 (Sandy Chuang / Adm. Specialist)  
 Reviewed By : Ben Huang  
 ( Ben Huang / Engineer )  
 Approved By : Roy Wang  
 ( Roy Wang / Manager )

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## 1. General Information

### 1.1. EUT Description

Product Name	Dark Knight Double 450Mbps Dual N Band Router
Product Type	WLAN(3TX, 3RX)
Trade Name	ASUS
Model No.	RT-N66U
Frequency Range -IEEE 802.11b/g & IEEE 802.11n (20MHz)_2.4GHz	2412~2462MHz
Frequency Range- IEEE 802.11n (40MHz)_2.4GHz	2422~2452MHz
Frequency Range -IEEE 802.11a & IEEE 802.11n (20MHz)_5GHz	5180~5240MHz, 5745~5825MHz
Frequency Range- IEEE 802.11n (40MHz) _5GHz	5190~5230MHz, 5755~5795MHz
Channel Number - IEEE 802.11b/g & IEEE 802.11n (20MHz) _2.4GHz	11
Channel Number- IEEE 802.11n (40MHz) _2.4GHz	7
Channel Number - IEEE 802.11a & IEEE 802.11n (20MHz) _5GHz	9
Channel Number - IEEE 802.11n (40MHz) _5GHz	4
Type of Modulation (IEEE 802.11b)	Direct Sequence Spread Spectrum (DSSS)
Type of Modulation (IEEE 802.11a/g/n)	Orthogonal Frequency Division Multiplexing (OFDM)
Data Speed (IEEE 802.11b)	1Mbps, 2Mbps, 5.5Mbps, 11Mbps
Data Speed (IEEE 802.11a/g)	6Mbps,9Mbps,12Mbps,18Mbps,24Mbps,36Mbps,48Mbps,54Mbps
Data Speed (IEEE 802.11n)	Support a subset of the combination of GI, MCS 0~MCS 23 and bandwidth defined in 802.11n
Antenna Gain	2dBi (2.4G) 2dBi (5G)
Channel Control	Manual
Antenna Type	Dipole

Component	
LAN Cable	Non-Shielded, 1.5m
Power Adatper	ASUS, EXA1004UH I/P : AC 100-240V, 50-60Hz 1A O/P : +19V $\overline{\overline{=}}$ 1.58A Cable Out: Non-shielded, 2.5m, one ferrite core bonded.

IEEE 802.11n

MCS Index	Modulation	R	N <sub>BPSCS</sub>	N <sub>CBPS</sub>		N <sub>DBPS</sub>		Data Rate(Mb/s)			
				20MHz	40MHz	20MHz	40MHz	800ns GI		400ns GI (Note1)	
								20MHz	40MHz	20MHz	40MHz
0	BPSK	1/2	1	52	108	26	54	6.5	13.5	7.2	15.0
1	QPSK	1/2	2	104	216	52	108	13.0	27.0	14.4	30.0
2	QPSK	3/4	2	104	216	78	162	19.5	40.5	21.7	45.0
3	16-QAM	1/2	4	208	432	104	216	26.0	54.0	28.9	60.0
4	16-QAM	3/4	4	208	432	156	324	39.0	81.0	43.3	90.0
5	64-QAM	2/3	6	312	648	208	432	52.0	108.0	57.8	120.0
6	64-QAM	3/4	6	312	648	234	486	58.5	121.5	65.0	135.0
7	64-QAM	5/6	6	312	648	260	540	65.0	135.0	72.2	150.0

Note 1: Support of 400ns GI is optional on transmit and receive.

Table 1 – MCS parameters for TX Antenna number = 1

MCS Index	Modulation	R	N <sub>BPSCS</sub>	N <sub>CBPS</sub>		N <sub>DBPS</sub>		Data Rate(Mb/s)			
				20MHz	40MHz	20MHz	40MHz	800ns GI		400ns GI (Note1)	
								20MHz	40MHz	20MHz	40MHz
8	BPSK	1/2	1	104	216	52	108	13.0	27.0	14.4	30.0
9	QPSK	1/2	2	208	432	104	216	26.0	54.0	28.9	60.0
10	QPSK	3/4	2	208	432	156	324	39.0	81.0	43.3	90.0
11	16-QAM	1/2	4	416	864	208	432	52.0	108.0	57.8	120.0
12	16-QAM	3/4	4	416	864	312	648	78.0	162.0	86.7	180.0
13	64-QAM	2/3	6	624	1296	416	864	104.0	216.0	115.6	240.0
14	64-QAM	3/4	6	624	1296	468	972	117.0	243.0	130.0	270.0
15	64-QAM	5/6	6	624	1296	520	1080	130.0	270.0	144.4	300.0

Note 1: Support of 400ns GI is optional on transmit and receive.

Table 2 – MCS parameters for TX Antenna number = 2

MCS Index	Modulation	R	N <sub>BPSCS</sub>	N <sub>CBPS</sub>		N <sub>DBPS</sub>		Data Rate(Mb/s)			
				20MHz	40MHz	20MHz	40MHz	800ns GI		400ns GI (Note1)	
								20MHz	40MHz	20MHz	40MHz
16	BPSK	1/2	1	156	324	78	162	19.5	40.5	21.7	45.0
17	QPSK	1/2	2	312	648	156	324	39.0	81.0	43.3	90.0
18	QPSK	3/4	2	312	648	234	486	58.5	121.5	65.0	135.0
19	16-QAM	1/2	4	624	1296	312	648	78.0	162.0	86.7	180.0
20	16-QAM	3/4	4	624	1296	468	972	117.0	243.0	130.0	270.0
21	64-QAM	2/3	6	936	1944	624	1296	156.0	324.0	173.3	360.0
22	64-QAM	3/4	6	936	1944	702	1458	175.5	364.5	195.0	405.0
23	64-QAM	5/6	6	936	1944	780	1620	195.0	405.0	216.7	450.0

Note 1: Support of 400ns GI is optional on transmit and receive.

Table 3 – MCS parameters for TX Antenna number = 3

Symbol	Explanation
R	Code rate
N <sub>BPSCS</sub>	Number of coded bits per single carrier
N <sub>CBPS</sub>	Number of coded bits per symbol
N <sub>DBPS</sub>	Number of data bits per symbol
GI	guard interval

## IEEE 802.11b/g &amp; IEEE 802.11n (20MHz) - 2.4GHz

Working Frequency of Each Channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
001	2412 MHz	002	2417 MHz	003	2422 MHz	004	2427 MHz
005	2432 MHz	006	2437 MHz	007	2442 MHz	008	2447 MHz
009	2452 MHz	010	2457 MHz	011	2462 MHz		

## IEEE 802.11n (40MHz) - 2.4GHz

Working Frequency of Each Channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
003	2422 MHz	004	2427 MHz	005	2432 MHz	006	2437 MHz
007	2442 MHz	008	2447 MHz	009	2452 MHz		

## IEEE 802.11a &amp; IEEE 802.11n (20MHz) - 5GHz

Working Frequency of Each Channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
36	5180MHz	40	5200MHz	44	5220MHz	48	5240MHz
149	5745MHz	153	5765MHz	157	5785MHz	161	5805MHz
165	5825MHz						

## IEEE 802.11n (40MHz) - 5GHz

Working Frequency of Each Channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
38	5190MHz	46	5230MHz	151	5755MHz	159	5795MHz

## Note:

1. This device is a Dark Knight Double 450Mbps Dual N Band Router including 2.4GHz b/g/n and 5GHz a/n (3x3) transmitting and receiving function.
2. These tests were conducted on a sample of the equipment for the purpose of demonstrating compliance with Part 15 Subpart B for 2.4GHz/5.2GHz/5.8GHz Receiver
3. Regards to the frequent band operation; three channels were selected to perform the test, then shown on this report.
4. This device is a composite device in accordance with Part 15 regulations. The function for the 2.4GHz transmitting was measured and made a test report that the report number is 116286R-RFUSP42V01 & 116286R-RFUSP46V01, certified under FCC ID: MSQ-RTN66U

**1.2. Test Mode**

QuieTek has verified the construction and function in typical operation. The preliminary tests were performed in different data rate, and to find the worst condition, which was shown in this test report. The following table is the final test mode.

Rx	Mode 1: Receive Mode 2: Normal Link
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Test Items	Mode 1	Mode 2
Conducted Emission	Yes	Yes
Radiated Emission (Below 1GHz)	Yes	Yes
Radiated Emission (Above 1GHz)	Yes	No



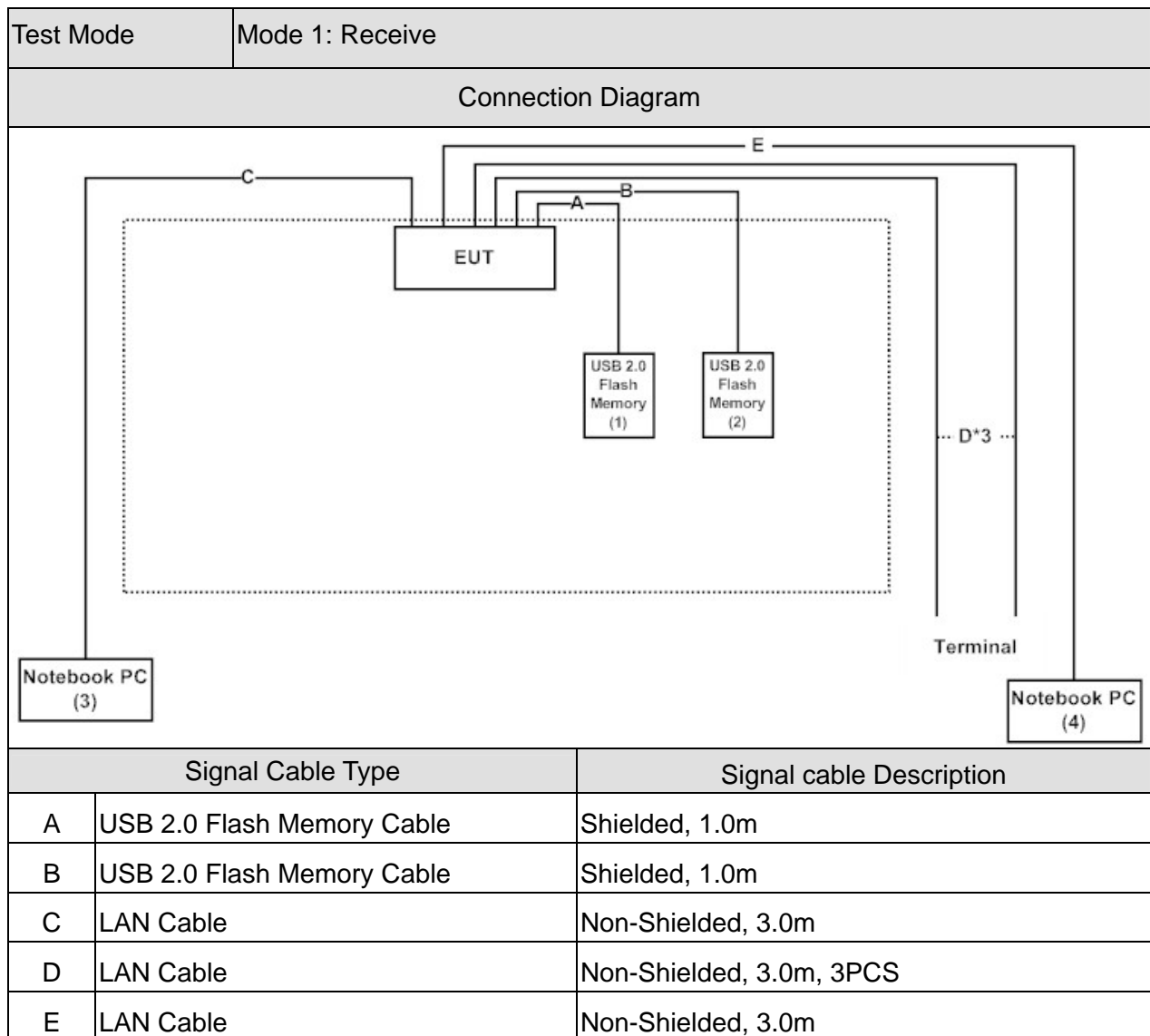
### 1.3. Tested System Details

The types for all equipments, plus descriptions of all cables used in the tested system (including inserted cards) are:

Test Mode		Mode 1: Receive				
Product		Manufacturer	Model No.	Serial No.	FCC ID	Power Cord
1	USB 2.0 Flash Memory	Sony	USM2GJX	N/A	DoC	--
2	USB 2.0 Flash Memory	Sony	USM2GJX	N/A	DoC	--
3	Notebook PC	DELL	PP37L	CD8BNG1	DoC	Non-Shielded, 1.8m
4	Notebook PC	HP Compaq	NX6320FF	CNU7020BXT	DoC	Non-Shielded, 1.8m

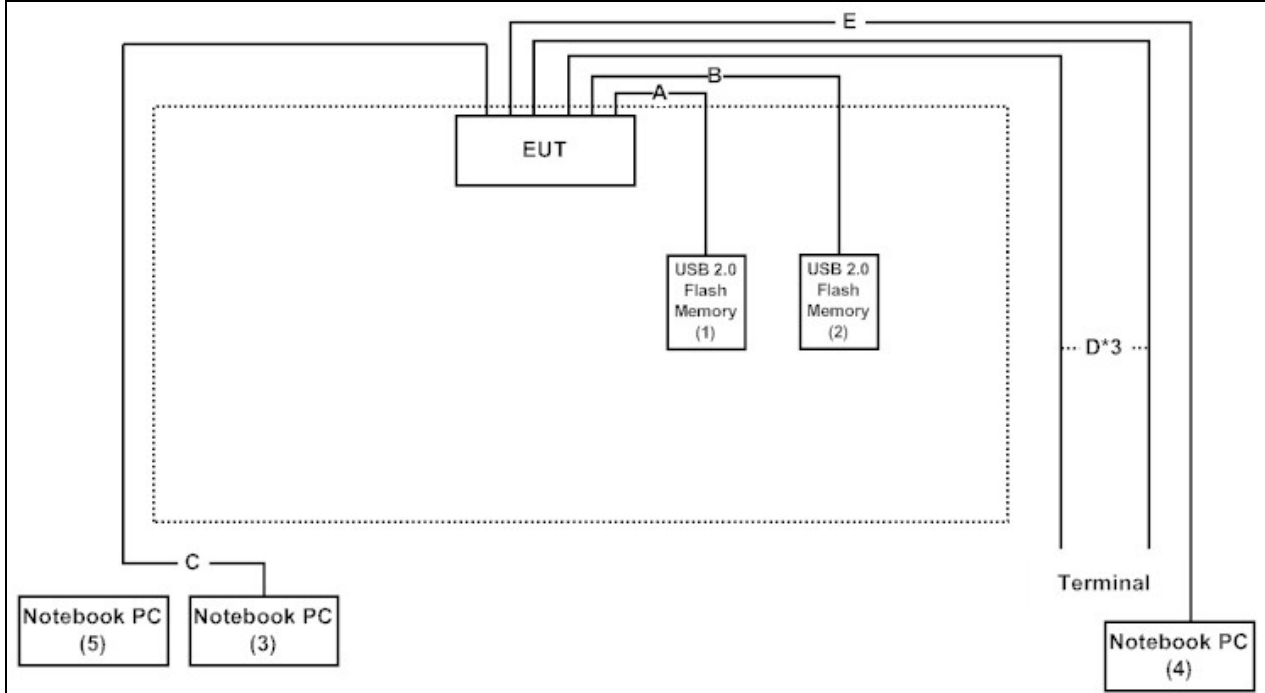
Test Mode		Mode 2: Normal Link				
Product		Manufacturer	Model No.	Serial No.	FCC ID	Power Cord
1	USB 2.0 Flash Memory	Sony	USM2GJX	N/A	DoC	--
2	USB 2.0 Flash Memory	Sony	USM2GJX	N/A	DoC	--
3	Notebook PC	DELL	PP37L	CD8BNG1	DoC	Non-Shielded, 1.8m
4	Notebook PC	HP Compaq	NX6320FF	CNU7020BXT	DoC	Non-Shielded, 1.8m
5	Notebook PC	ACER	MS2296	LUSEW0D0371105 FE221601	DoC	Non-Shielded, 2.3m one ferrite core bonded

1.4. Configuration of tested System



Test Mode	Mode 2: Normal Link
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Connection Diagram



Signal Cable Type		Signal cable Description
A	USB 2.0 Flash Memory Cable	Shielded, 1.0m
B	USB 2.0 Flash Memory Cable	Shielded, 1.0m
C	LAN Cable	Non-Shielded, 3.0m
D	LAN Cable	Non-Shielded, 3.0m, 3PCS
E	LAN Cable	Non-Shielded, 3.0m

**1.5. EUT Exercise Software**

Test Mode	Mode 1: Receive
1	Setup the EUT as shown in Section 1.4.
2	Execute the MFG Control Panel Ver 1.4.0.0 on the EUT.
3	Configure the test mode, the test channel, and the data rate.
4	Press "Start RX" to start the continuous receiving.
5	Verify that the EUT works properly.

Test Mode	Mode 2: Normal Link
1	Test system is in accord with EUT user manual (refer to 1.4 configuration of tested system).
2	Turn on the power of all equipment.
3	Boot the Notebook PC from Hard Disk.
4	Data will communicate by connecting to LAN port and wireless of Notebook PC.
5	The Notebook PC 's monitor will show the transmitting and receiving characteristics when the communication is success.
6	Repeat the above procedure (4) to (5).

**1.6. Test Facility**

Ambient conditions in the laboratory:

Items	Test Item	Required (IEC 68-1)	Actual
Temperature (°C)	FCC PART 15 B 15.107 Conducted Emission	15 - 35	25
Humidity (%RH)		25 - 75	50
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 B 15.109 Radiated Emission	15 - 35	25
Humidity (%RH)		25 - 75	65
Barometric pressure (mbar)		860 - 1060	950-1000

Site Description: September 27, 2010 File on  
 Federal Communications Commission  
 Laboratory Division  
 7435 Oakland Mills Road  
 Columbia, MD 21046  
 Registration Number: 365520  
 Accredited by TAF  
 Accreditation Number: 1313  
 Effective through: December 27, 2013



Accredited by NVLAP  
 NVLAP Lab Code: 200347-0  
 Effective through: September 30, 2012



Site Name: Quietek Corporation

Site Address: No.75-2, 3rd Lin, Wang Ye keng, Yonghxing Tsuen,  
 Qionglin Shiang, Hsinchu County 307, Taiwan  
 TEL : 886-3-592-8858 / FAX : 886-3-592-8859  
 E-Mail : [service@quietek.com](mailto:service@quietek.com)

**2. Conducted Emission**

**2.1. Test Equipment**

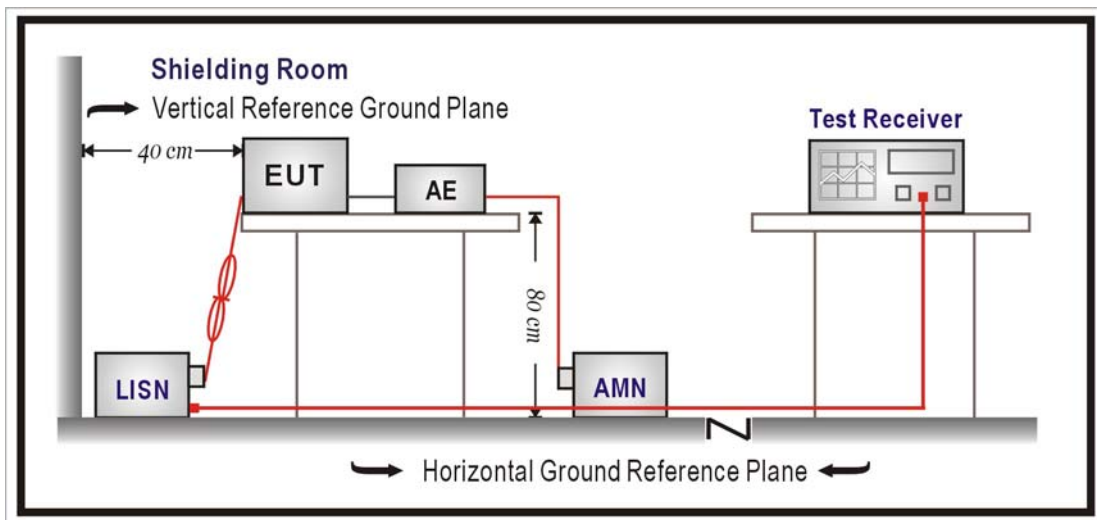
The following test equipments are used during the test:

Conducted Emission / SR3

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
LISN	R&S	ENV216	100096	2012/09/20
LISN	R&S	ESH3-Z5	836679/022	2012/02/10
Test Receiver	R&S	ESCS 30	825442/017	2012/01/16

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

**2.2. Test Setup**



**2.3. Limits**

<b>FCC Part 15 Subpart B Paragraph 15.107 Limits (dBuV)</b>				
Frequency MHz	Class A		Class B	
	QP	AV	QP	AV
0.15 - 0.50	79	66	66-56	56-46
0.50 - 5.0	73	60	56	46
5.0 - 30	73	60	60	50

Remarks : In the above table, the tighter limit applies at the band edges.

**2.4. Test Procedure**

The EUT and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refers to the block diagram of the test setup and photographs.)

Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.4: 2009 on conducted measurement.

Conducted emissions were invested over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9KHz.

**2.5. Test Specification**

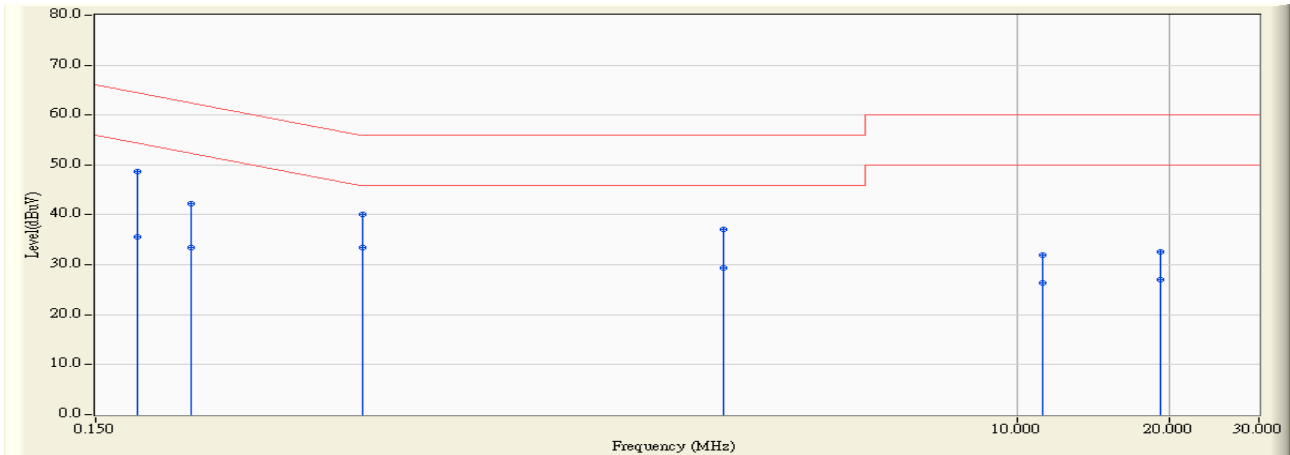
According to FCC Part 15 Subpart B: 2010

**2.6. Uncertainty**

The measurement uncertainty is defined as  $\pm 2.26$  dB.

2.7. Test Result

Site : SR3	Time : 2011/11/12 - 13:44
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR3_LISN(16A)-1_0907 - Line1	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-2437MHz,802.11n(40M)

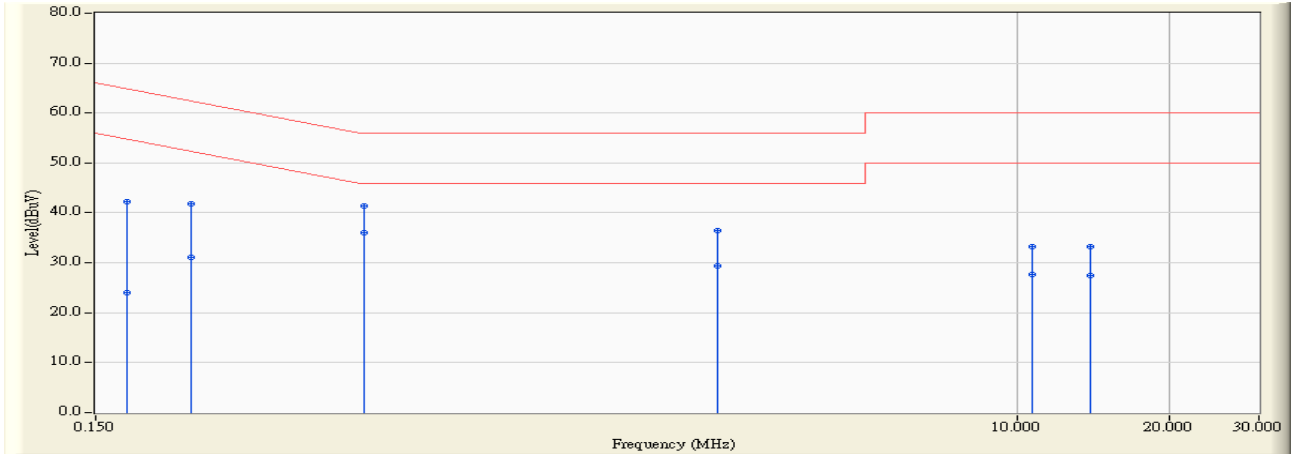


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	0.181	9.656	39.000	48.656	-15.772	64.428	QUASIPeAK
2	0.181	9.656	25.960	35.616	-18.812	54.428	AVERAGE
3	0.232	9.662	32.590	42.252	-20.125	62.377	QUASIPeAK
4	0.232	9.662	23.870	33.532	-18.845	52.377	AVERAGE
5	0.505	9.703	30.460	40.162	-15.838	56.000	QUASIPeAK
6	*	9.703	23.690	33.392	-12.608	46.000	AVERAGE
7	2.619	9.956	27.250	37.206	-18.794	56.000	QUASIPeAK
8	2.619	9.956	19.520	29.476	-16.524	46.000	AVERAGE
9	11.216	10.162	21.860	32.022	-27.978	60.000	QUASIPeAK
10	11.216	10.162	16.130	26.292	-23.708	50.000	AVERAGE
11	19.150	10.293	22.240	32.533	-27.467	60.000	QUASIPeAK
12	19.150	10.293	16.680	26.973	-23.027	50.000	AVERAGE

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



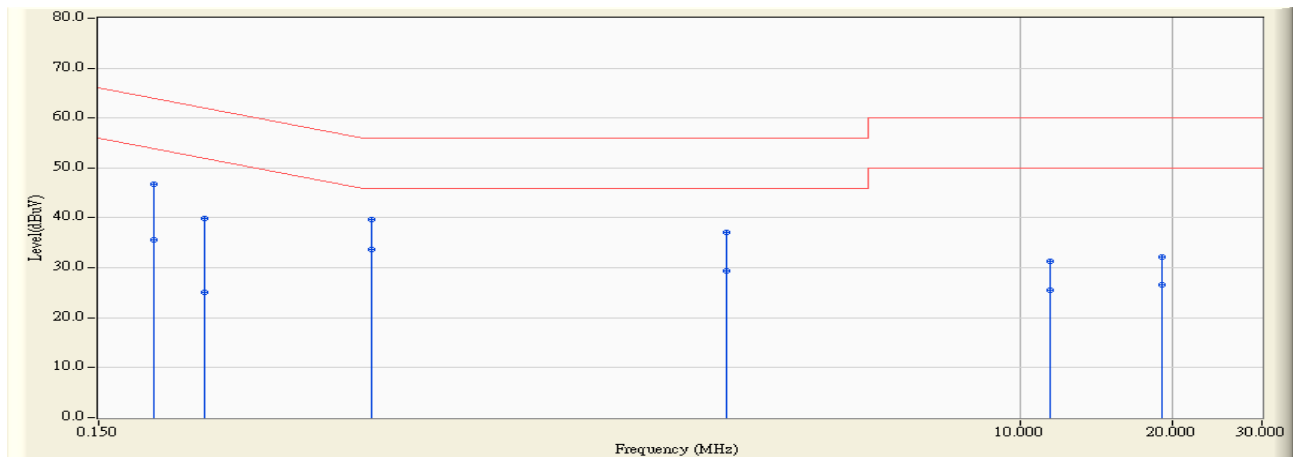
Site : SR3	Time : 2011/11/12 - 13:46
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR3_LISN(16A)-1_0907 - Line2	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-2437MHz,802.11n(40M)



	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	0.173	9.666	32.610	42.276	-22.518	64.794	QUASIPeAK
2	0.173	9.666	14.250	23.916	-30.878	54.794	AVERAGE
3	0.232	9.672	32.240	41.912	-20.465	62.377	QUASIPeAK
4	0.232	9.672	21.490	31.162	-21.215	52.377	AVERAGE
5	0.509	9.711	31.590	41.301	-14.699	56.000	QUASIPeAK
6	*	9.711	26.270	35.981	-10.019	46.000	AVERAGE
7	2.548	9.958	26.590	36.548	-19.452	56.000	QUASIPeAK
8	2.548	9.958	19.430	29.388	-16.612	46.000	AVERAGE
9	10.693	10.215	22.960	33.175	-26.825	60.000	QUASIPeAK
10	10.693	10.215	17.380	27.595	-22.405	50.000	AVERAGE
11	13.923	10.331	22.890	33.221	-26.779	60.000	QUASIPeAK
12	13.923	10.331	17.140	27.471	-22.529	50.000	AVERAGE

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

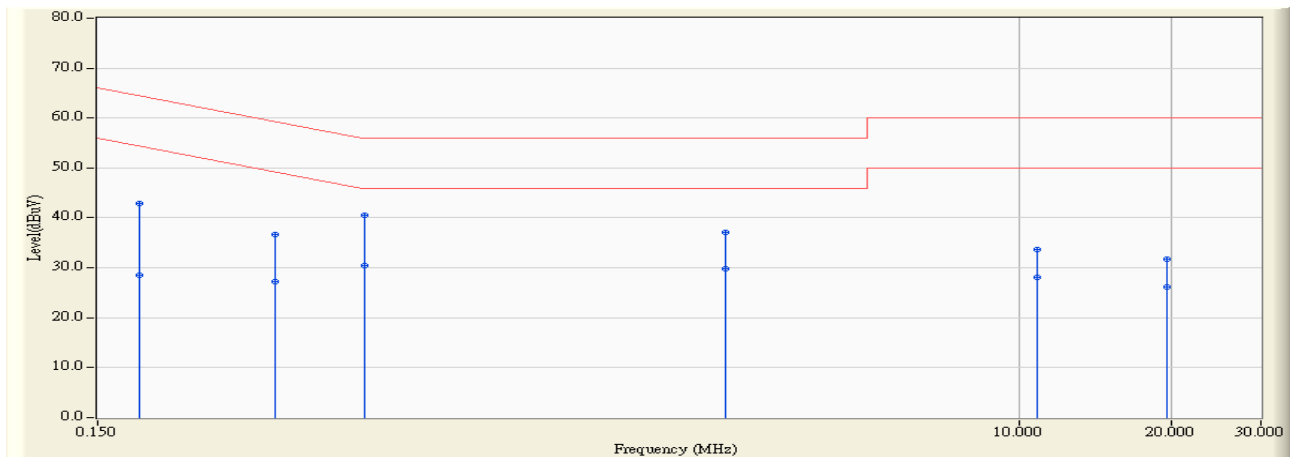
Site : SR3	Time : 2011/11/12 - 13:29
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR3_LISN(16A)-1_0907 - Line1	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5190MHz,802.11n(40M)



	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	0.193	9.657	37.060	46.717	-17.191	63.908	QUASIPeAK
2	0.193	9.657	25.900	35.557	-18.351	53.908	AVERAGE
3	0.244	9.663	30.300	39.963	-22.004	61.967	QUASIPeAK
4	0.244	9.663	15.410	25.073	-26.894	51.967	AVERAGE
5	0.521	9.705	29.900	39.605	-16.395	56.000	QUASIPeAK
6	*	9.705	24.060	33.765	-12.235	46.000	AVERAGE
7	2.619	9.956	27.090	37.046	-18.954	56.000	QUASIPeAK
8	2.619	9.956	19.520	29.476	-16.524	46.000	AVERAGE
9	11.416	10.167	21.050	31.217	-28.783	60.000	QUASIPeAK
10	11.416	10.167	15.430	25.597	-24.403	50.000	AVERAGE
11	18.982	10.292	21.790	32.082	-27.918	60.000	QUASIPeAK
12	18.982	10.292	16.220	26.512	-23.488	50.000	AVERAGE

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

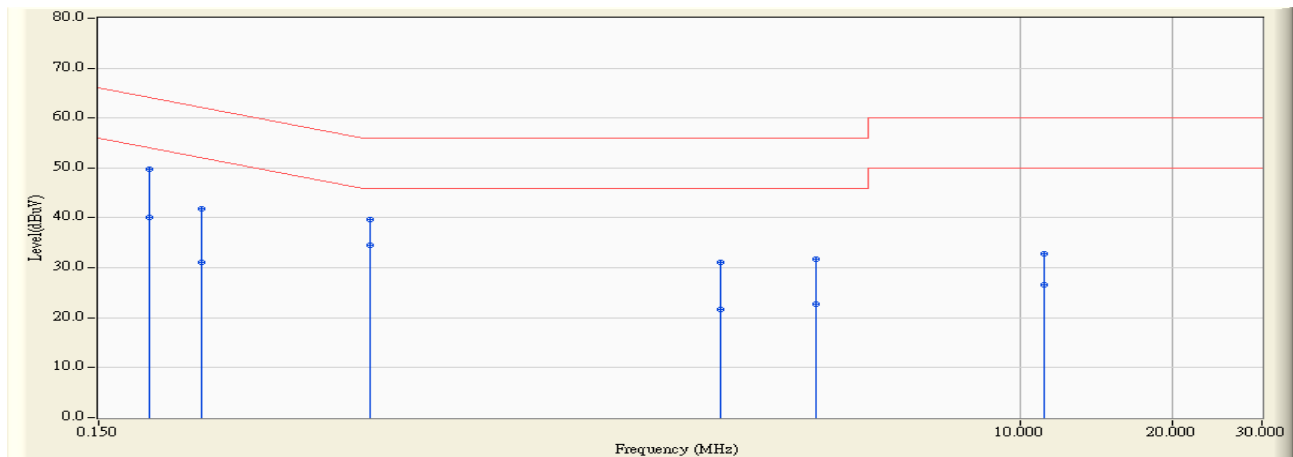
Site : SR3	Time : 2011/11/12 - 13:31
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR3_LISN(16A)-1_0907 - Line2	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5190MHz,802.11n(40M)



	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	0.181	9.666	33.290	42.956	-21.472	64.428	QUASIPeAK
2	0.181	9.666	18.760	28.426	-26.002	54.428	AVERAGE
3	0.338	9.687	27.040	36.727	-22.538	59.265	QUASIPeAK
4	0.338	9.687	17.450	27.137	-22.128	49.265	AVERAGE
5	* 0.505	9.711	30.930	40.641	-15.359	56.000	QUASIPeAK
6	0.505	9.711	20.730	30.441	-15.559	46.000	AVERAGE
7	2.619	9.962	27.130	37.092	-18.908	56.000	QUASIPeAK
8	2.619	9.962	19.890	29.852	-16.148	46.000	AVERAGE
9	10.841	10.221	23.500	33.720	-26.280	60.000	QUASIPeAK
10	10.841	10.221	17.930	28.150	-21.850	50.000	AVERAGE
11	19.498	10.496	21.240	31.736	-28.264	60.000	QUASIPeAK
12	19.498	10.496	15.630	26.126	-23.874	50.000	AVERAGE

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

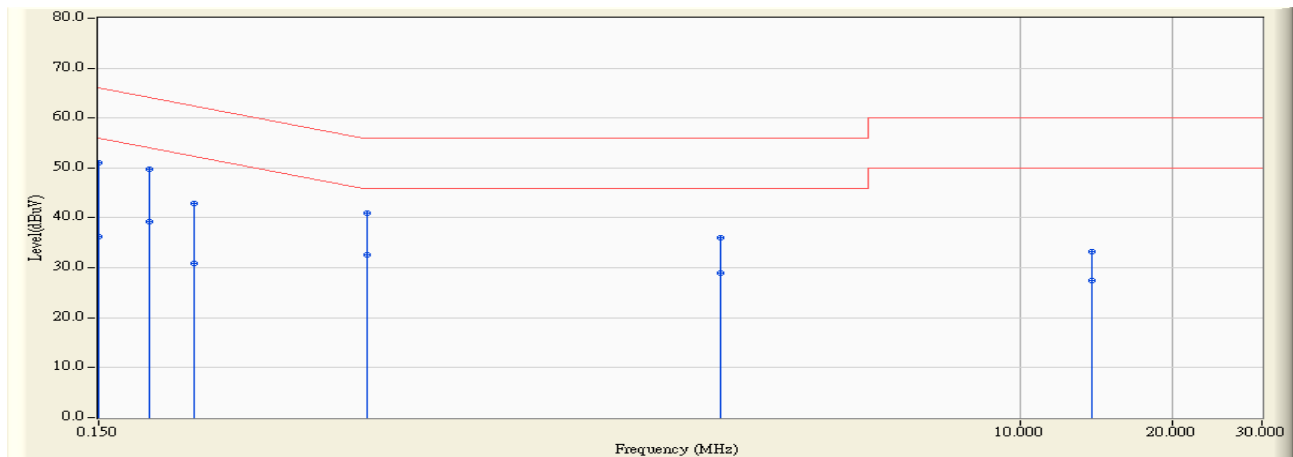
Site : SR3	Time : 2011/11/12 - 13:16
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR3_LISN(16A)-1_0907 - Line1	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5755MHz,802.11n(40M)



	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	0.189	9.656	40.120	49.777	-14.301	64.078	QUASIPeAK
2	0.189	9.656	30.460	40.117	-13.961	54.078	AVERAGE
3	0.240	9.663	32.180	41.843	-20.259	62.102	QUASIPeAK
4	0.240	9.663	21.490	31.153	-20.949	52.102	AVERAGE
5	0.517	9.704	29.920	39.624	-16.376	56.000	QUASIPeAK
6	*	9.704	24.820	34.524	-11.476	46.000	AVERAGE
7	2.545	9.953	21.120	31.073	-24.927	56.000	QUASIPeAK
8	2.545	9.953	11.780	21.733	-24.267	46.000	AVERAGE
9	3.931	10.011	21.810	31.820	-24.180	56.000	QUASIPeAK
10	3.931	10.011	12.830	22.840	-23.160	46.000	AVERAGE
11	11.127	10.159	22.560	32.719	-27.281	60.000	QUASIPeAK
12	11.127	10.159	16.490	26.649	-23.351	50.000	AVERAGE

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

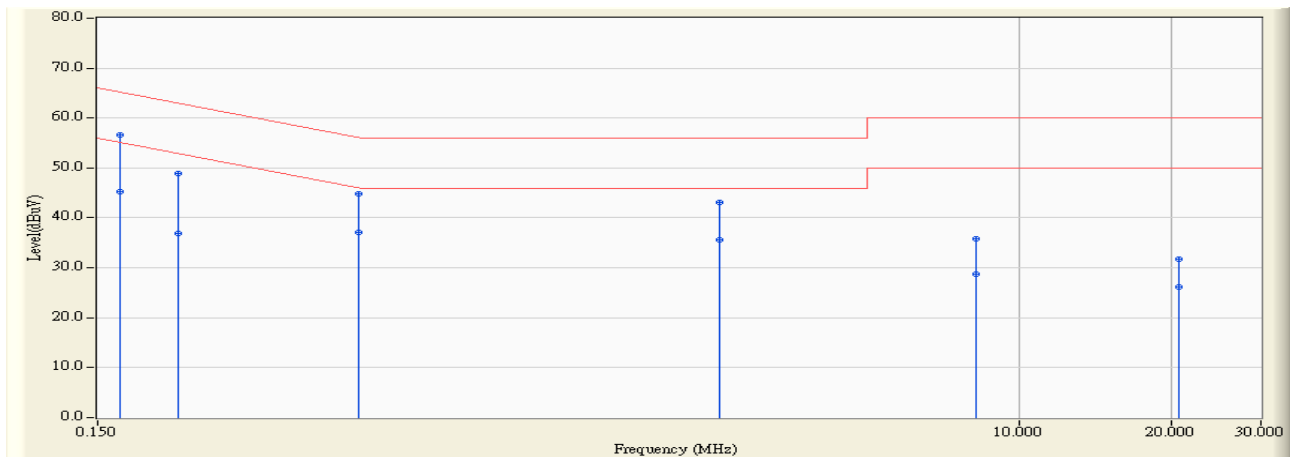
Site : SR3	Time : 2011/11/12 - 13:18
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR3_LISN(16A)-1_0907 - Line2	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5755MHz,802.11n(40M)



	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	0.150	9.664	41.350	51.014	-14.986	66.000	QUASIPeAK
2	0.150	9.664	26.530	36.194	-19.806	56.000	AVERAGE
3	0.189	9.666	40.180	49.847	-14.231	64.078	QUASIPeAK
4	0.189	9.666	29.580	39.247	-14.831	54.078	AVERAGE
5	0.232	9.672	33.220	42.892	-19.485	62.377	QUASIPeAK
6	0.232	9.672	21.200	30.872	-21.505	52.377	AVERAGE
7	0.509	9.711	31.210	40.921	-15.079	56.000	QUASIPeAK
8	*	9.711	22.910	32.621	-13.379	46.000	AVERAGE
9	2.548	9.958	26.090	36.048	-19.952	56.000	QUASIPeAK
10	2.548	9.958	18.900	28.858	-17.142	46.000	AVERAGE
11	13.802	10.327	22.830	33.157	-26.843	60.000	QUASIPeAK
12	13.802	10.327	17.140	27.467	-22.533	50.000	AVERAGE

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

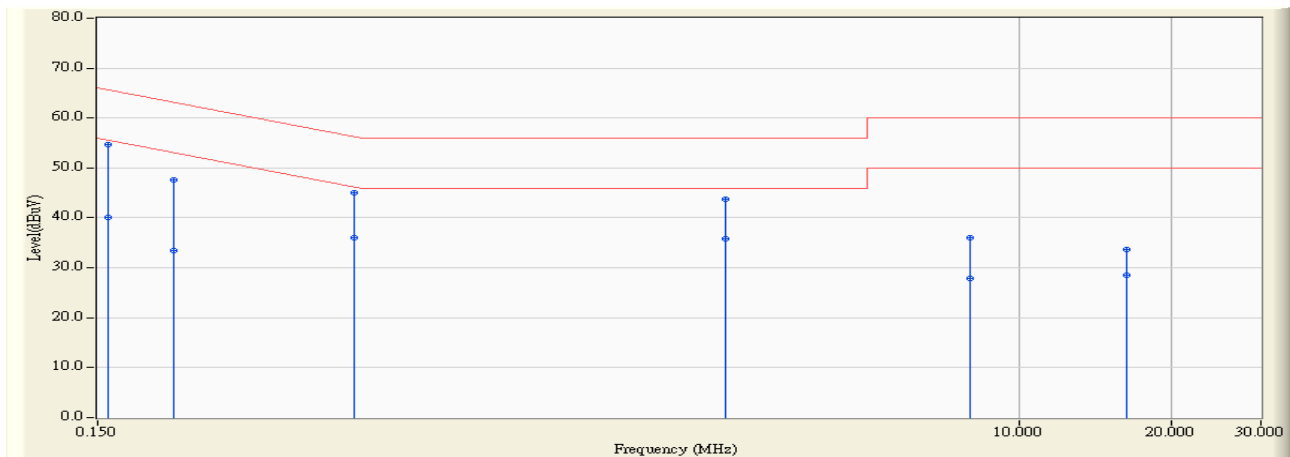
Site : SR3	Time : 2011/11/12 - 14:00
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR3_LISN(16A)-1_0907 - Line1	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 2: Normal Link



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.166	9.655	46.920	56.576	-8.601	65.177	QUASPEAK
2		0.166	9.655	35.510	45.166	-10.011	55.177	AVERAGE
3		0.216	9.659	39.200	48.859	-14.096	62.956	QUASPEAK
4		0.216	9.659	27.240	36.899	-16.056	52.956	AVERAGE
5		0.494	9.701	35.220	44.921	-11.184	56.104	QUASPEAK
6		0.494	9.701	27.330	37.031	-9.074	46.104	AVERAGE
7		2.548	9.953	33.190	43.143	-12.857	56.000	QUASPEAK
8		2.548	9.953	25.690	35.643	-10.357	46.000	AVERAGE
9		8.177	10.104	25.770	35.874	-24.126	60.000	QUASPEAK
10		8.177	10.104	18.580	28.684	-21.316	50.000	AVERAGE
11		20.646	10.307	21.330	31.637	-28.363	60.000	QUASPEAK
12		20.646	10.307	15.820	26.127	-23.873	50.000	AVERAGE

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

Site : SR3	Time : 2011/11/12 - 14:03
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR3_LISN(16A)-1_0907 - Line2	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 2: Normal Link



	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	0.158	9.665	45.070	54.735	-10.843	65.578	QUASIPeAK
2	0.158	9.665	30.400	40.065	-15.513	55.578	AVERAGE
3	0.212	9.669	37.940	47.609	-15.498	63.107	QUASIPeAK
4	0.212	9.669	23.740	33.409	-19.698	53.107	AVERAGE
5	0.482	9.707	35.440	45.147	-11.157	56.304	QUASIPeAK
6	0.482	9.707	26.280	35.987	-10.317	46.304	AVERAGE
7	2.619	9.962	33.830	43.792	-12.208	56.000	QUASIPeAK
8	*	9.962	25.890	35.852	-10.148	46.000	AVERAGE
9	7.970	10.148	25.900	36.047	-23.953	60.000	QUASIPeAK
10	7.970	10.148	17.730	27.877	-22.123	50.000	AVERAGE
11	16.224	10.404	23.330	33.734	-26.266	60.000	QUASIPeAK
12	16.224	10.404	18.190	28.594	-21.406	50.000	AVERAGE

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

**3. Radiated Emission**

**3.1. Test Equipment**

The following test equipments are used during the test:

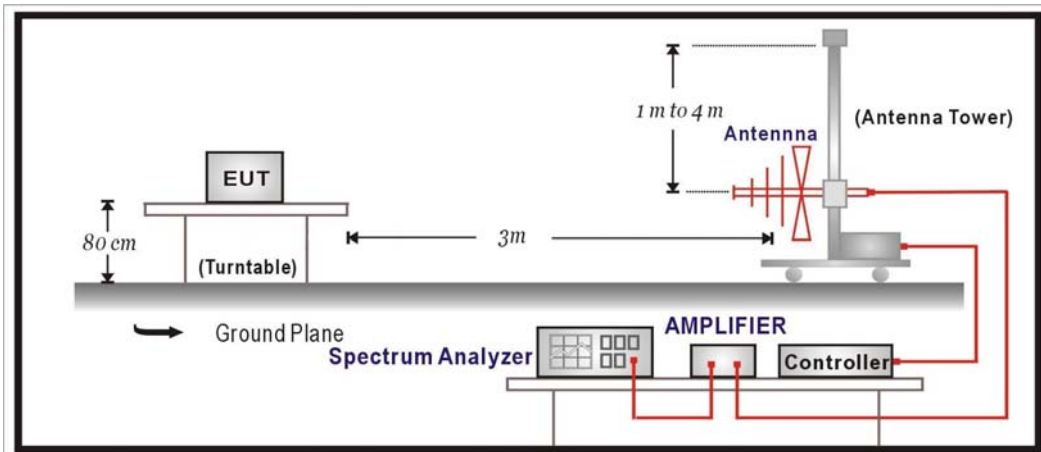
Radiated Emission / CB1

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Bilog Antenna	SCHAFFNER	CBL6112B	2895	2012/08/14
Double Ridged Guide Horn Antenna	Schwarzback	BBHA 9120D	743	2012/02/24
Pre-Amplifier	MITEQ	AMF-4D-005180-24-10P	888003	2011/12/16
Pre-Amplifier	QuieTek	AP-025C	CHM-0706049	2012/03/10
PSA Series Spectrum analyzer	Agilent	E4440A	MY46187335	2012/01/06
Coaxial Cable	Huber+Suhner AG	Sucoflex 102	25623/2	2012/03/21

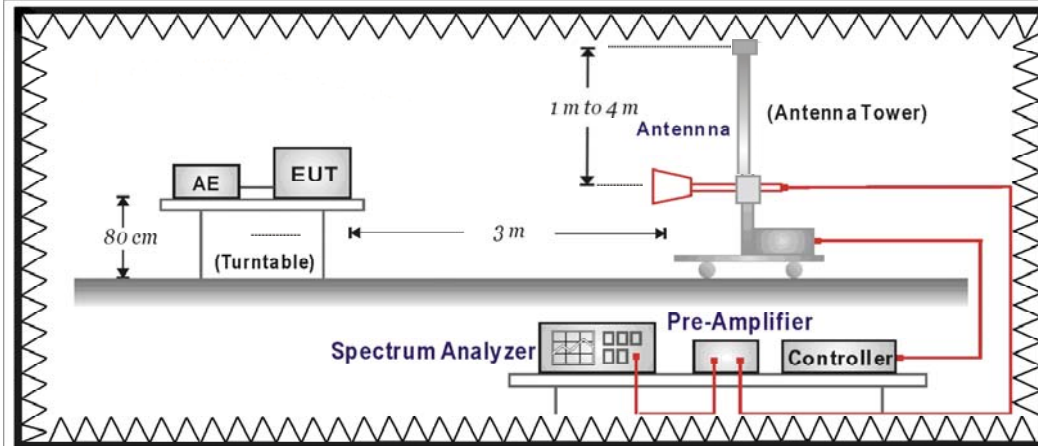
Note: 1. All equipments that need to calibrate are with calibration period of 1 year.

**3.2. Test Setup**

Under 1GHz Test Setup:



Above 1GHz Test Setup:





**3.3. Limits**

<b>CISPR 22 Limits (dBuV/m)</b>				
Frequency MHz	Class A		Class B	
	Distance (m)	dBuV/m	Distance (m)	dBuV/m
30 – 230	10	40	10	30
230 – 1000	10	47	10	37

- Remark:
1. The tighter limit shall apply at the edge between two frequency bands.
  2. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.
  3. RF Voltage (dBuV/m) = 20 log RF Voltage (uV/m)

<b>FCC Part 15 Subpart B Paragraph 15.109 Limits</b>				
Frequency MHz	Class A		Class B	
	Distance (m)	dBuV/m	Distance (m)	dBuV/m
30-88	10	39	3	40
88-216	10	43.5	3	43.5
216-960	10	46.4	3	46
Above 960	10	49.5	3	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.

Carrier current systems used as unintentional radiators or other unintentional radiators that are designed to conduct their radio frequency emissions via connecting wires or cables and that operate in the frequency range of 9 KHz to 30 MHz, including devices that deliver the radio frequency energy to transducers, such as ultrasonic devices not covered under part 18 of this chapter, shall comply with the radiated emission limits for intentional radiators provided in §15.209 for the frequency range of 9 KHz to 30 MHz. As an alternative, carrier current systems used as unintentional radiators and operating in the frequency range of 525 KHz to 1705 KHz may comply with the radiated emission limits provided in §15.221(a).

**3.4. Test Procedure**

Under 30MHz Test:

The EUT and its simulators are placed on a turn table which is 1.0 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum electric field strength. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna which is 1.0 meter above ground. All X-axis, Y-axis and Z-axis polarization of the antenna are set on measurement.

The bandwidth below 30MHz setting on the field strength meter (R&S Test Receiver ESCS 30) is 200Hz and above 30MHz is 9 KHz.

The emission limit shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90KHz, 110-490KHz and above 1000MHz. Radiated emission limit in these three bands are based on measurements employing an average detector.

Above 30MHz Test:

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

For class A, the EUT was positioned such that the distance from antenna to the EUT was 10 meters for under 1GHz and above 1GHz.

For class B, the EUT was positioned such that the distance from antenna to the EUT was 3 or 10 meters for under 1GHz and 3 meters for above 1GHz.

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

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission.

All of the interface cables must be manipulated according to ANSI C63.4: 2009 on radiated measurement.

For an unintentional radiator, including a digital device, the spectrum shall be investigated from the lowest radio frequency signal generated or used in the device, without going below the lowest frequency for which a radiated emission limit is specified, up to the frequency shown in the following table:

Highest frequency generated or used in the device or on which the device operates or tunes (MHz)	Upper frequency of measurement range (MHz)
Below 1.705	30
1.705 – 108	1000
108 – 500	2000
500 – 1000	5000
Above 1000	5 <sup>th</sup> harmonic of the highest frequency or 40 GHz, whichever is lower

On any frequency or frequencies below or equal to 1000 MHz, the limits shown are based on measuring equipment employing a CISPR quasi-peak detector function and on any frequency or frequencies above 1000 MHz the radiated limits shown are based upon the use of measurement instrumentation employing an average detector function. When average radiated emission measurement are included emission measurement below 1000 MHz, there also is a limit on the radio frequency emissions, as measured using instrumentation with a peak detector function, corresponding to 20 dB above the maximum permitted average limit.

### 3.5. Test Specification

According to FCC Part 15 Subpart B: 2010

### 3.6. Uncertainty

The measurement uncertainty

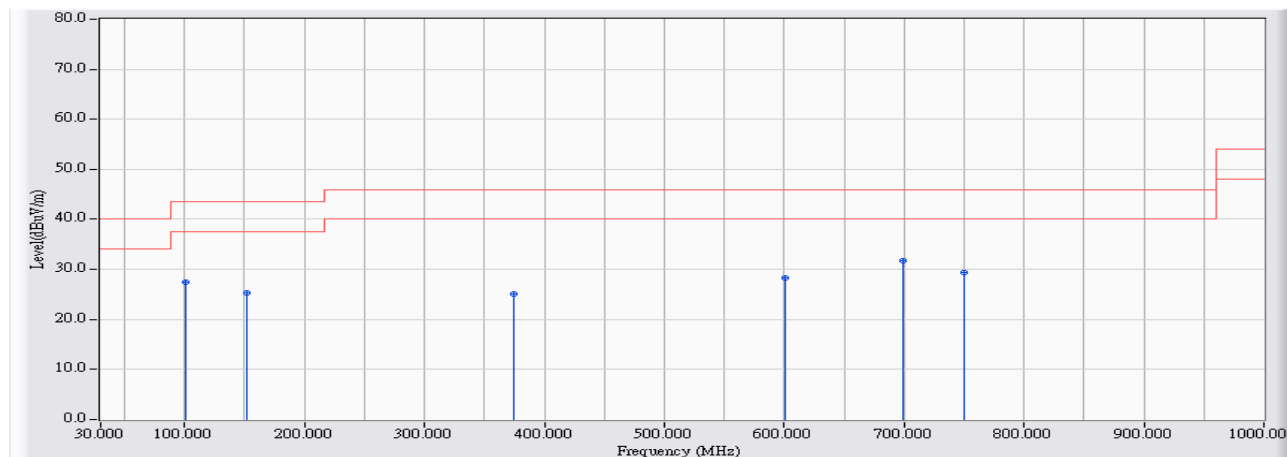
30MHz~1GHz as  $\pm 3.43\text{dB}$

1GHz~26.5GHz as  $\pm 3.65\text{dB}$

### 3.7. Test Result

#### 30MHz-1GHz Spurious:

Site : CB1	Time : 2011/11/09 - 10:22
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-2437MHz,802.11b

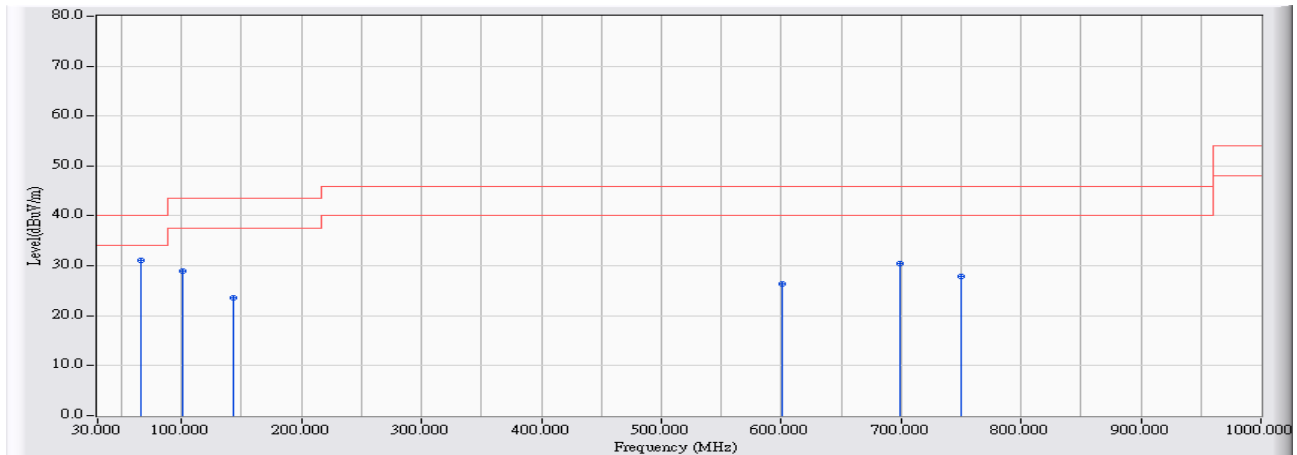


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	101.133	-13.425	40.974	27.549	-15.951	43.500	QUASPEAK
2	151.250	-13.510	38.740	25.230	-18.270	43.500	QUASPEAK
3	374.350	-8.111	33.230	25.119	-20.881	46.000	QUASPEAK
4	600.683	-4.326	32.652	28.325	-17.675	46.000	QUASPEAK
5	* 699.300	-3.939	35.624	31.685	-14.315	46.000	QUASPEAK
6	749.417	-3.297	32.657	29.361	-16.639	46.000	QUASPEAK

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 : 2011/11/09 - 10:22
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-2437MHz,802.11b

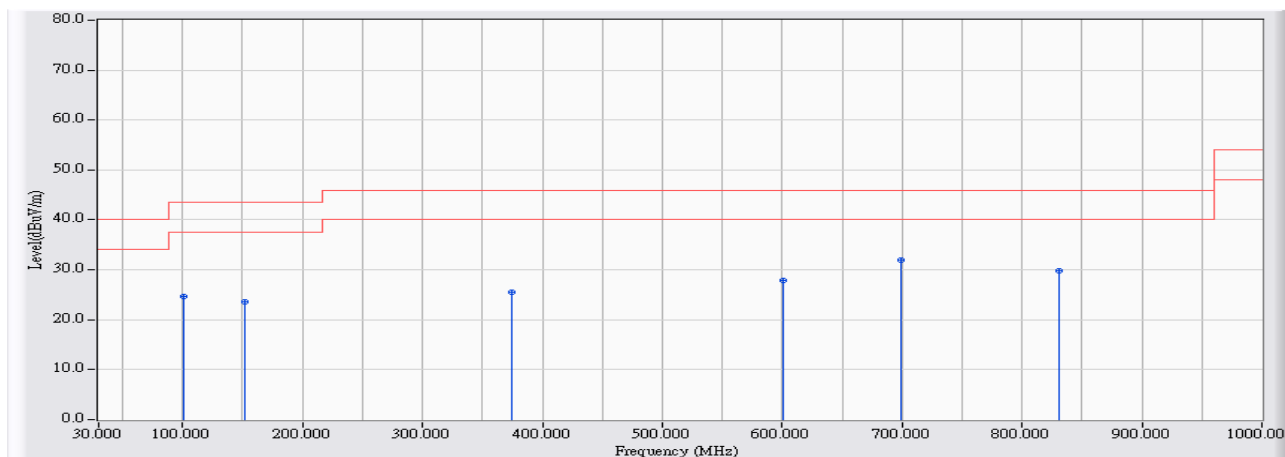


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	65.567	-17.772	48.797	31.025	-8.975	40.000	QUASPEAK
2		101.133	-13.425	42.420	28.995	-14.505	43.500	QUASPEAK
3		143.167	-13.105	36.695	23.590	-19.910	43.500	QUASPEAK
4		600.683	-4.326	30.644	26.317	-19.683	46.000	QUASPEAK
5		699.300	-3.939	34.410	30.471	-15.529	46.000	QUASPEAK
6		749.417	-3.297	31.160	27.864	-18.136	46.000	QUASPEAK

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 : 2011/11/09 - 10:23
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-2437MHz,802.11n(20M)

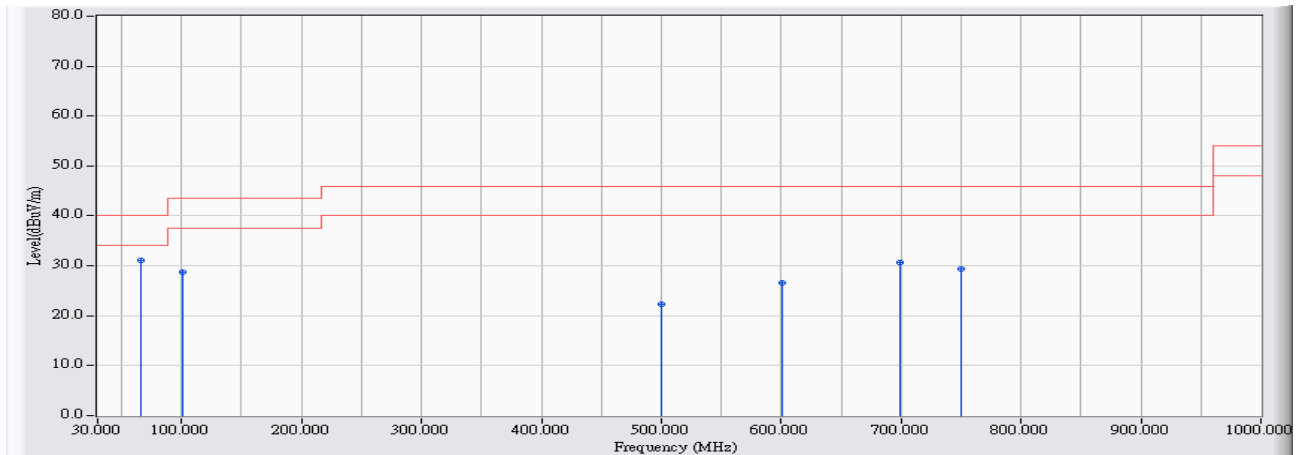


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	101.133	-13.425	38.159	24.734	-18.766	43.500	QUASIPeAK
2	151.250	-13.510	37.027	23.517	-19.983	43.500	QUASIPeAK
3	374.350	-8.111	33.721	25.610	-20.390	46.000	QUASIPeAK
4	600.683	-4.326	32.104	27.777	-18.223	46.000	QUASIPeAK
5	* 699.300	-3.939	35.791	31.852	-14.148	46.000	QUASIPeAK
6	830.250	-2.453	32.180	29.728	-16.272	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 : 2011/11/09 - 10:23
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-2437MHz,802.11n(20M)

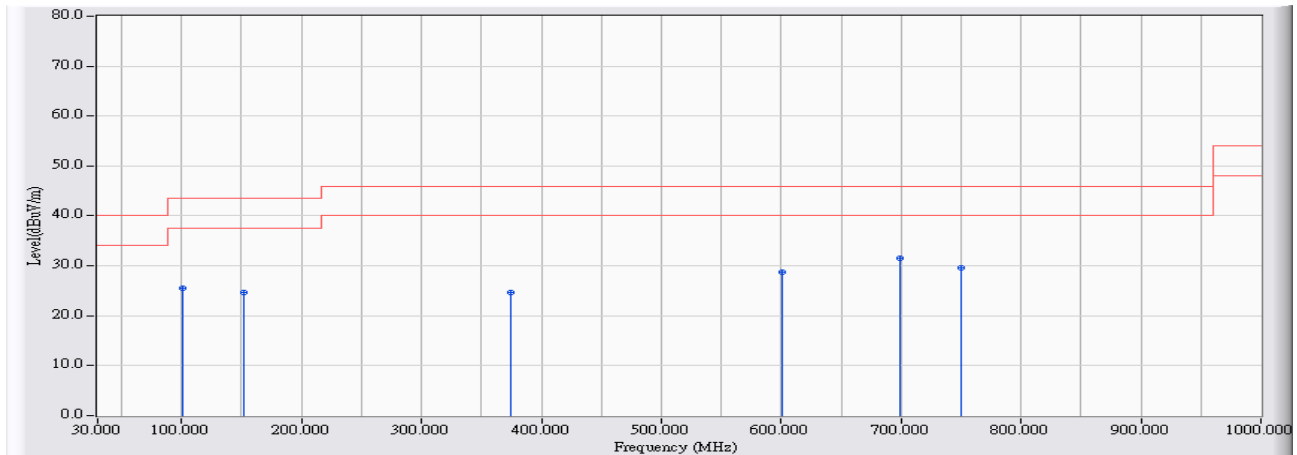


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	65.567	-17.772	48.847	31.075	-8.925	40.000	QUASIPeAK
2		101.133	-13.425	42.228	28.803	-14.697	43.500	QUASIPeAK
3		500.450	-5.372	27.698	22.327	-23.673	46.000	QUASIPeAK
4		600.683	-4.326	30.865	26.538	-19.462	46.000	QUASIPeAK
5		699.300	-3.939	34.607	30.668	-15.332	46.000	QUASIPeAK
6		749.417	-3.297	32.628	29.332	-16.668	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 : 2011/11/09 - 10:24
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-2437MHz,802.11n(40M)



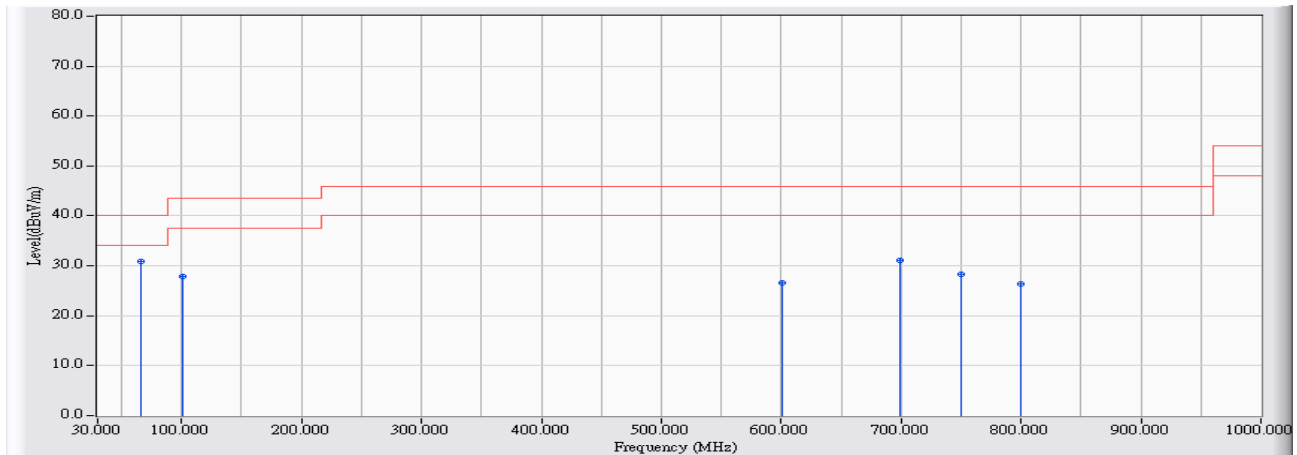
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	101.133	-13.425	38.896	25.471	-18.029	43.500	QUASIPeAK
2	151.250	-13.510	38.180	24.670	-18.830	43.500	QUASIPeAK
3	374.350	-8.111	32.837	24.726	-21.274	46.000	QUASIPeAK
4	600.683	-4.326	32.989	28.662	-17.338	46.000	QUASIPeAK
5	* 699.300	-3.939	35.491	31.552	-14.448	46.000	QUASIPeAK
6	749.417	-3.297	32.802	29.506	-16.494	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 : 2011/11/09 - 10:23
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-2437MHz,802.11n(40M)

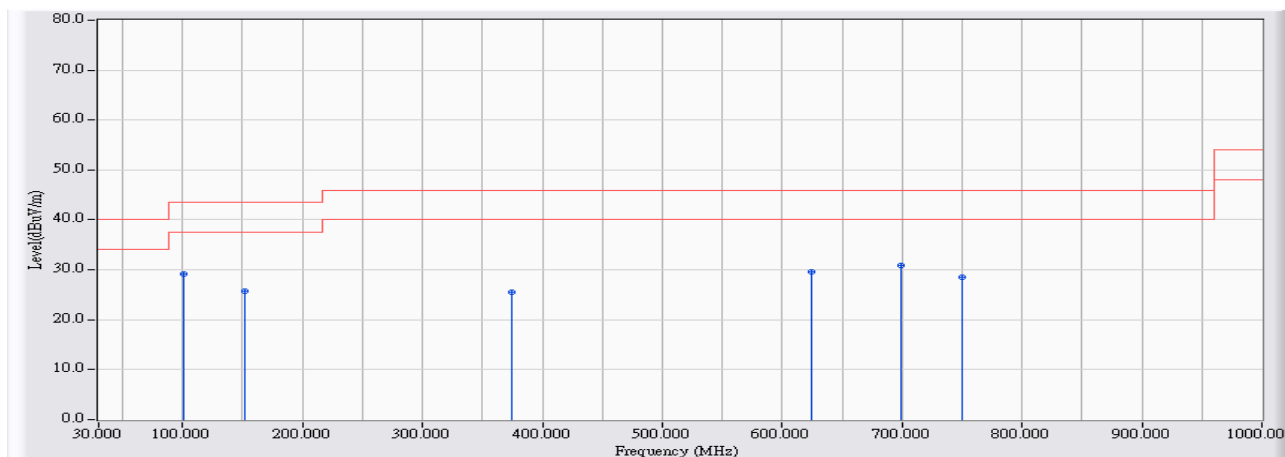


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	65.567	-17.772	48.716	30.944	-9.056	40.000	QUASIPeAK
2		101.133	-13.425	41.359	27.934	-15.566	43.500	QUASIPeAK
3		600.683	-4.326	31.029	26.702	-19.298	46.000	QUASIPeAK
4		699.300	-3.939	35.091	31.152	-14.848	46.000	QUASIPeAK
5		749.417	-3.297	31.604	28.308	-17.692	46.000	QUASIPeAK
6		799.533	-2.655	28.953	26.298	-19.702	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 : 2011/11/09 - 10:28
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5220MHz,802.11a

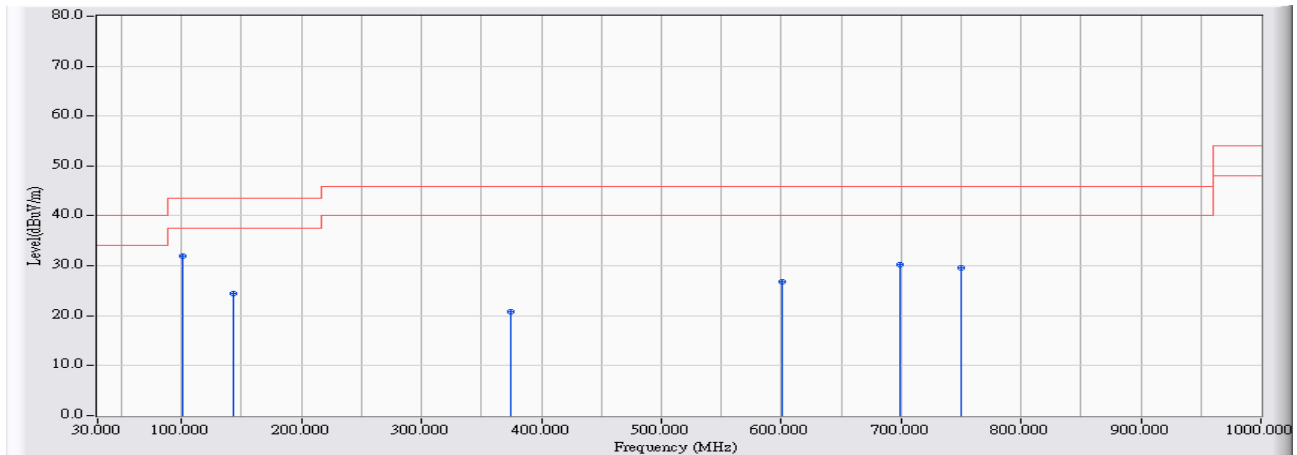


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	101.133	-13.425	42.517	29.092	-14.408	43.500	QUASIPeAK
2		151.250	-13.510	39.349	25.839	-17.661	43.500	QUASIPeAK
3		374.350	-8.111	33.675	25.564	-20.436	46.000	QUASIPeAK
4		624.933	-4.207	33.862	29.655	-16.345	46.000	QUASIPeAK
5		699.300	-3.939	34.760	30.821	-15.179	46.000	QUASIPeAK
6		749.417	-3.297	31.841	28.545	-17.455	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 : 2011/11/09 - 10:28
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5220MHz,802.11a

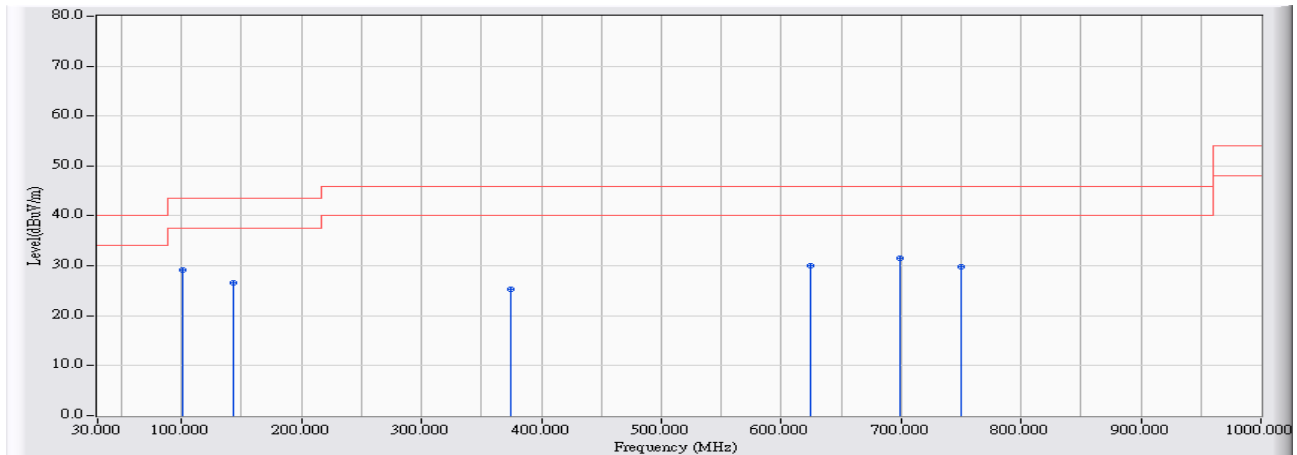


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	101.133	-13.425	45.401	31.976	-11.524	43.500	QUASIPeAK
2		143.167	-13.105	37.500	24.395	-19.105	43.500	QUASIPeAK
3		374.350	-8.111	28.846	20.735	-25.265	46.000	QUASIPeAK
4		600.683	-4.326	31.037	26.710	-19.290	46.000	QUASIPeAK
5		699.300	-3.939	34.079	30.140	-15.860	46.000	QUASIPeAK
6		749.417	-3.297	32.833	29.537	-16.463	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 : 2011/11/09 - 10:29
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5220MHz,802.11n(20M)

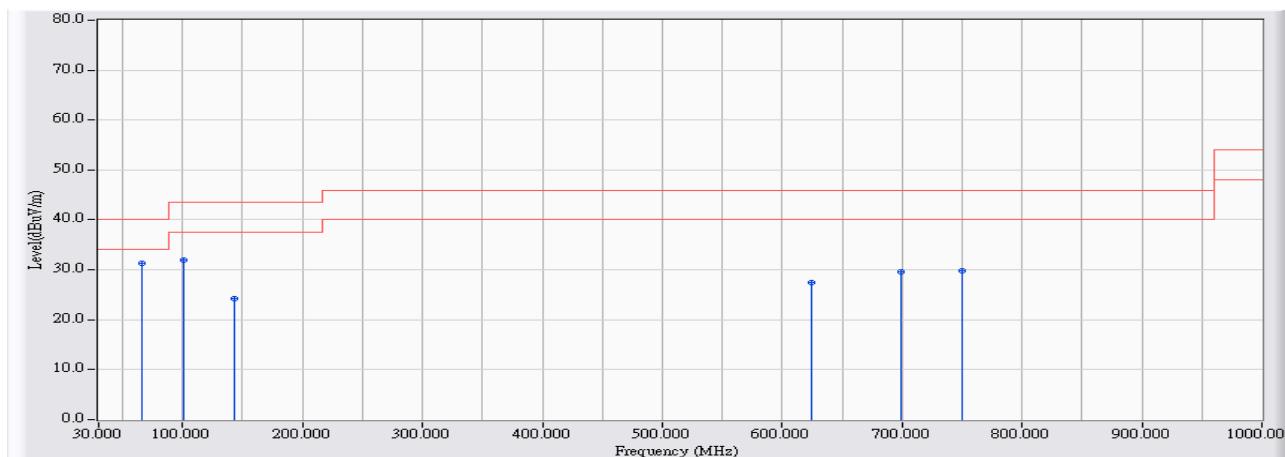


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	101.133	-13.425	42.679	29.254	-14.246	43.500	QUASIPeAK
2		143.167	-13.105	39.749	26.644	-16.856	43.500	QUASIPeAK
3		374.350	-8.111	33.397	25.286	-20.714	46.000	QUASIPeAK
4		624.933	-4.207	34.341	30.134	-15.866	46.000	QUASIPeAK
5		699.300	-3.939	35.494	31.555	-14.445	46.000	QUASIPeAK
6		749.417	-3.297	33.188	29.892	-16.108	46.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2011/11/09 - 10:28
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5220MHz,802.11n(20M)

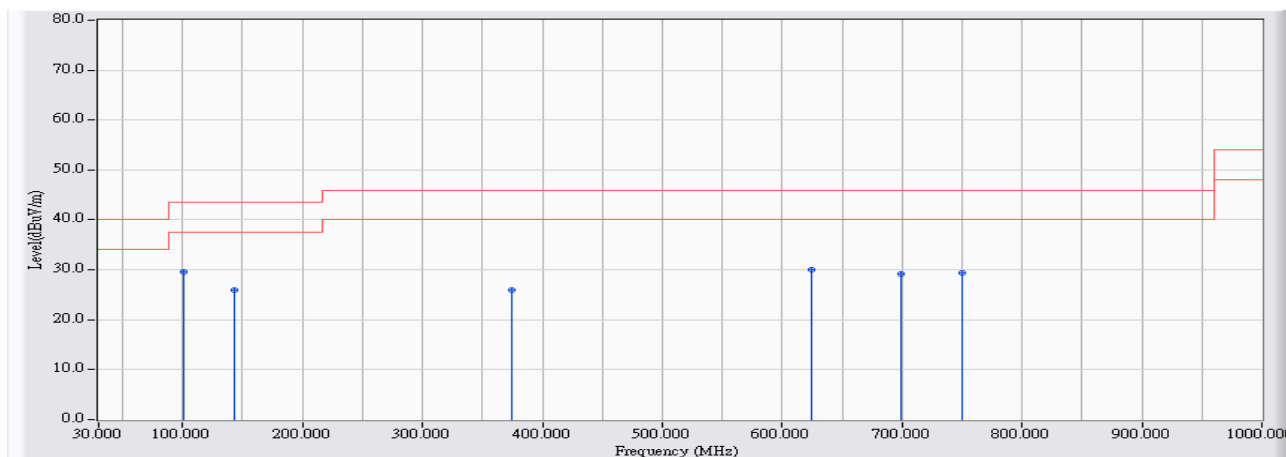


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	65.567	-17.772	49.006	31.234	-8.766	40.000	QUASIPeAK
2		101.133	-13.425	45.460	32.035	-11.465	43.500	QUASIPeAK
3		143.167	-13.105	37.364	24.259	-19.241	43.500	QUASIPeAK
4		624.933	-4.207	31.621	27.414	-18.586	46.000	QUASIPeAK
5		699.300	-3.939	33.499	29.560	-16.440	46.000	QUASIPeAK
6		749.417	-3.297	33.045	29.749	-16.251	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 : 2011/11/09 - 10:30
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5190MHz,802.11n(40M)

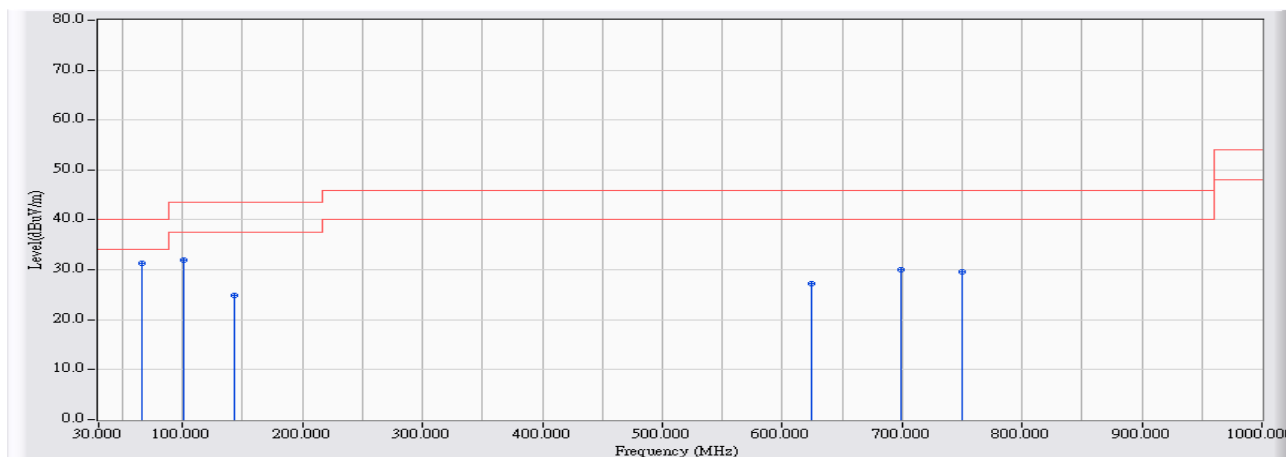


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	101.133	-13.425	42.979	29.554	-13.946	43.500	QUASPEAK
2		143.167	-13.105	39.027	25.922	-17.578	43.500	QUASPEAK
3		374.350	-8.111	33.970	25.859	-20.141	46.000	QUASPEAK
4		624.933	-4.207	34.186	29.979	-16.021	46.000	QUASPEAK
5		699.300	-3.939	33.137	29.198	-16.802	46.000	QUASPEAK
6		749.417	-3.297	32.660	29.364	-16.636	46.000	QUASPEAK

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 : 2011/11/09 - 10:29
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5190MHz,802.11n(40M)

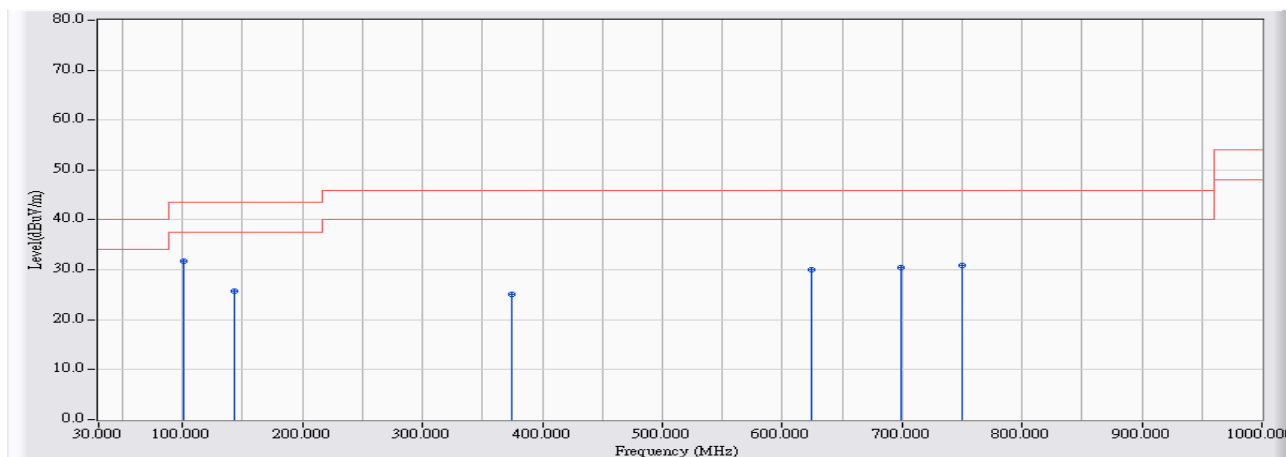


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	65.567	-17.772	48.998	31.226	-8.774	40.000	QUASPEAK
2		101.133	-13.425	45.376	31.951	-11.549	43.500	QUASPEAK
3		143.167	-13.105	38.045	24.940	-18.560	43.500	QUASPEAK
4		624.933	-4.207	31.406	27.199	-18.801	46.000	QUASPEAK
5		699.300	-3.939	33.994	30.055	-15.945	46.000	QUASPEAK
6		749.417	-3.297	32.877	29.581	-16.419	46.000	QUASPEAK

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 : 2011/11/09 - 10:33
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5785MHz,802.11a



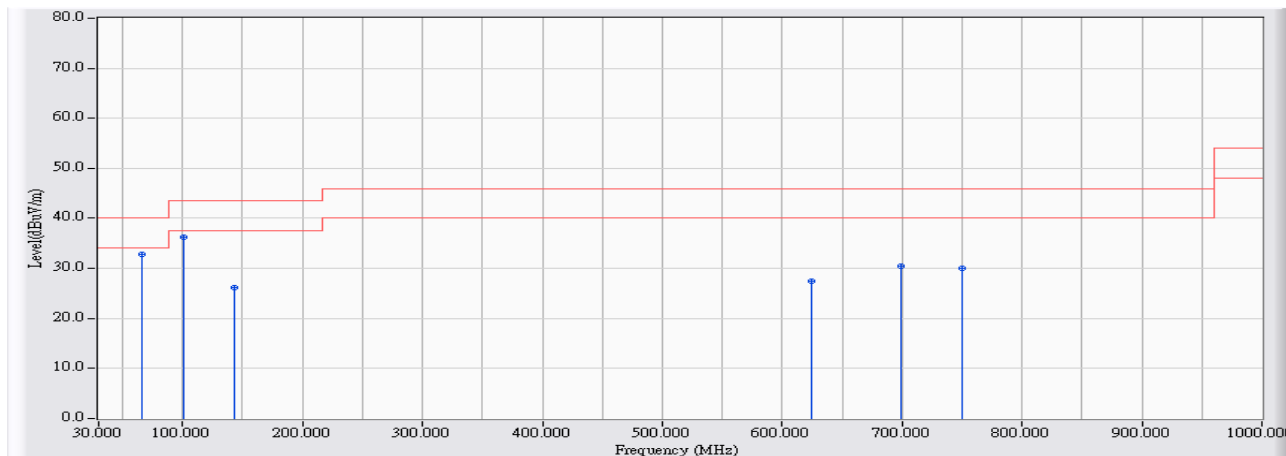
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	101.133	-13.425	45.133	31.708	-11.792	43.500	QUASPEAK
2		143.167	-13.105	38.829	25.724	-17.776	43.500	QUASPEAK
3		374.350	-8.111	33.156	25.045	-20.955	46.000	QUASPEAK
4		624.933	-4.207	34.267	30.060	-15.940	46.000	QUASPEAK
5		699.300	-3.939	34.354	30.415	-15.585	46.000	QUASPEAK
6		749.417	-3.297	34.266	30.970	-15.030	46.000	QUASPEAK

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 : 2011/11/09 - 10:33
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5785MHz,802.11a

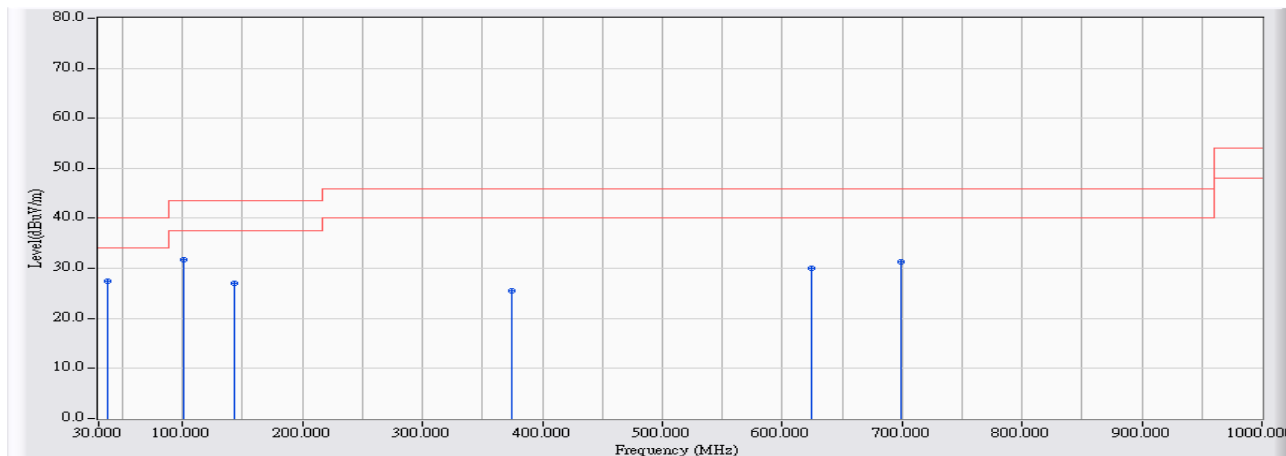


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	65.567	-17.772	50.506	32.734	-7.266	40.000	QUASPEAK
2		101.133	-13.425	49.601	36.176	-7.324	43.500	QUASPEAK
3		143.167	-13.105	39.356	26.251	-17.249	43.500	QUASPEAK
4		624.933	-4.207	31.695	27.488	-18.512	46.000	QUASPEAK
5		699.300	-3.939	34.352	30.413	-15.587	46.000	QUASPEAK
6		749.417	-3.297	33.266	29.970	-16.030	46.000	QUASPEAK

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 : 2011/11/09 - 10:34
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5785MHz,802.11n(20M)

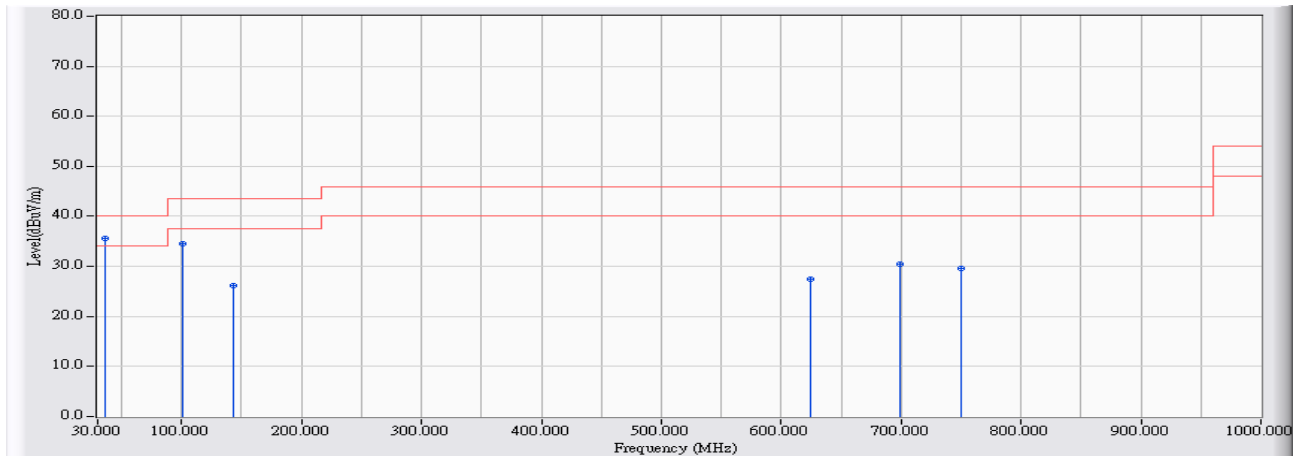


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	38.083	-11.772	39.287	27.516	-12.484	40.000	QUASPEAK
2	* 101.133	-13.425	45.089	31.664	-11.836	43.500	QUASPEAK
3	143.167	-13.105	40.143	27.038	-16.462	43.500	QUASPEAK
4	374.350	-8.111	33.727	25.616	-20.384	46.000	QUASPEAK
5	624.933	-4.207	34.282	30.075	-15.925	46.000	QUASPEAK
6	699.300	-3.939	35.157	31.218	-14.782	46.000	QUASPEAK

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 : 2011/11/09 - 10:33
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5785MHz,802.11n(20M)

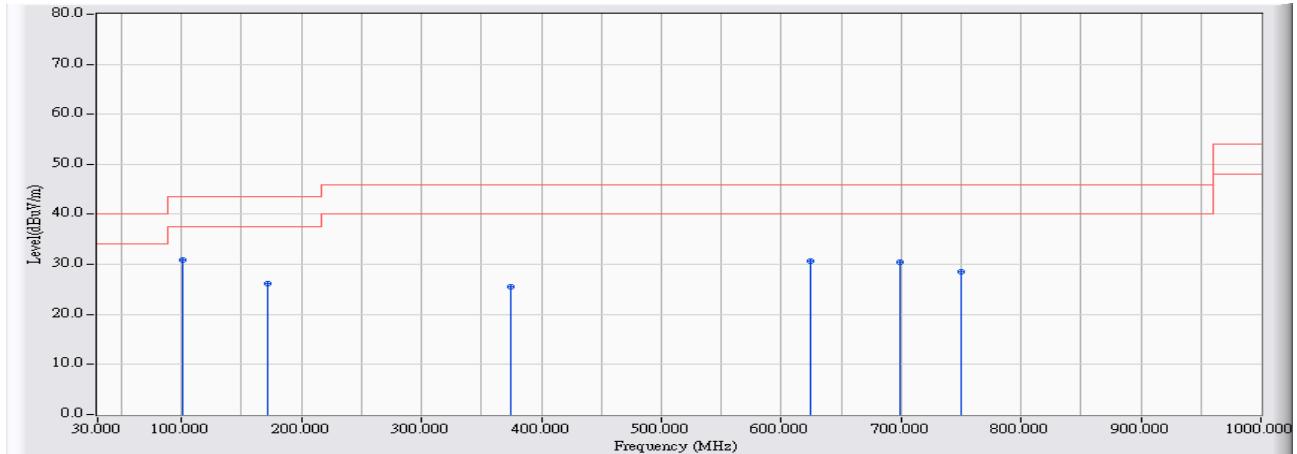


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	36.467	-11.275	46.900	35.625	-4.375	40.000	QUASPEAK
2		101.133	-13.425	48.061	34.636	-8.864	43.500	QUASPEAK
3		143.167	-13.105	39.201	26.096	-17.404	43.500	QUASPEAK
4		624.933	-4.207	31.618	27.411	-18.589	46.000	QUASPEAK
5		699.300	-3.939	34.355	30.416	-15.584	46.000	QUASPEAK
6		749.417	-3.297	32.927	29.631	-16.369	46.000	QUASPEAK

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 : 2011/11/09 - 10:34
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5755MHz,802.11n(40M)

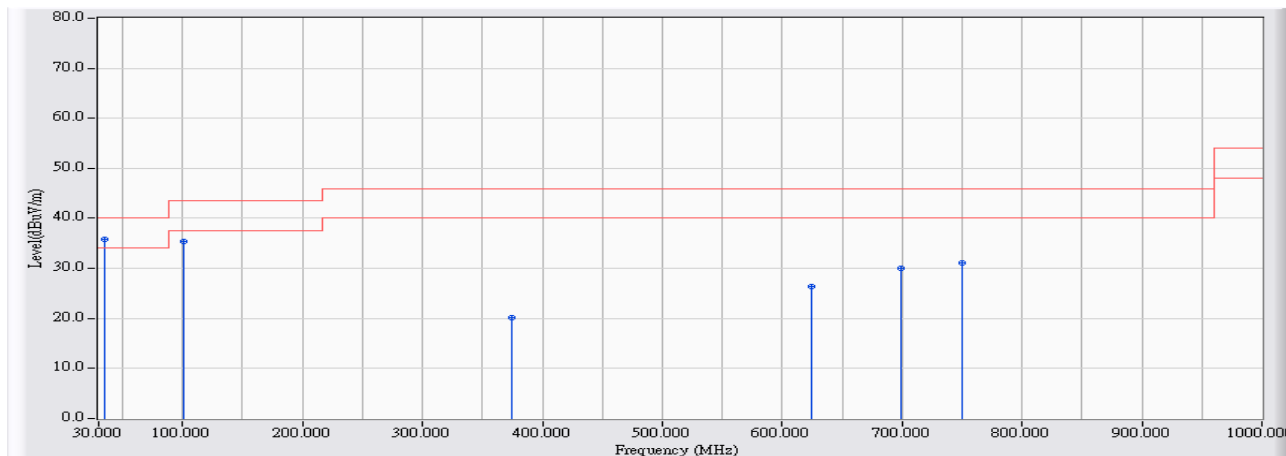


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	101.133	-13.425	44.234	30.809	-12.691	43.500	QUASPEAK
2		172.267	-14.414	40.641	26.228	-17.272	43.500	QUASPEAK
3		374.350	-8.111	33.533	25.422	-20.578	46.000	QUASPEAK
4		624.933	-4.207	34.870	30.663	-15.337	46.000	QUASPEAK
5		699.300	-3.939	34.368	30.429	-15.571	46.000	QUASPEAK
6		749.417	-3.297	31.896	28.600	-17.400	46.000	QUASPEAK

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 : 2011/11/09 - 10:34
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5755MHz,802.11n(40M)

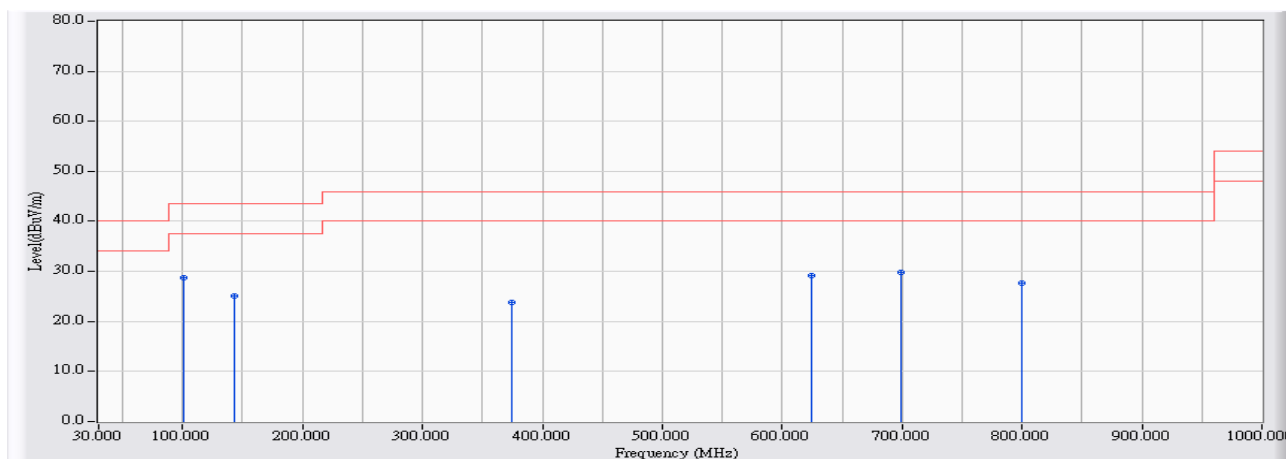


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	34.850	-10.798	46.585	35.787	-4.213	40.000	QUASPEAK
2		101.133	-13.425	48.717	35.292	-8.208	43.500	QUASPEAK
3		374.350	-8.111	28.318	20.207	-25.793	46.000	QUASPEAK
4		624.933	-4.207	30.526	26.319	-19.681	46.000	QUASPEAK
5		699.300	-3.939	33.862	29.923	-16.077	46.000	QUASPEAK
6		749.417	-3.297	34.432	31.136	-14.864	46.000	QUASPEAK

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 : 2011/11/17 - 13:35
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 2: Normal Link

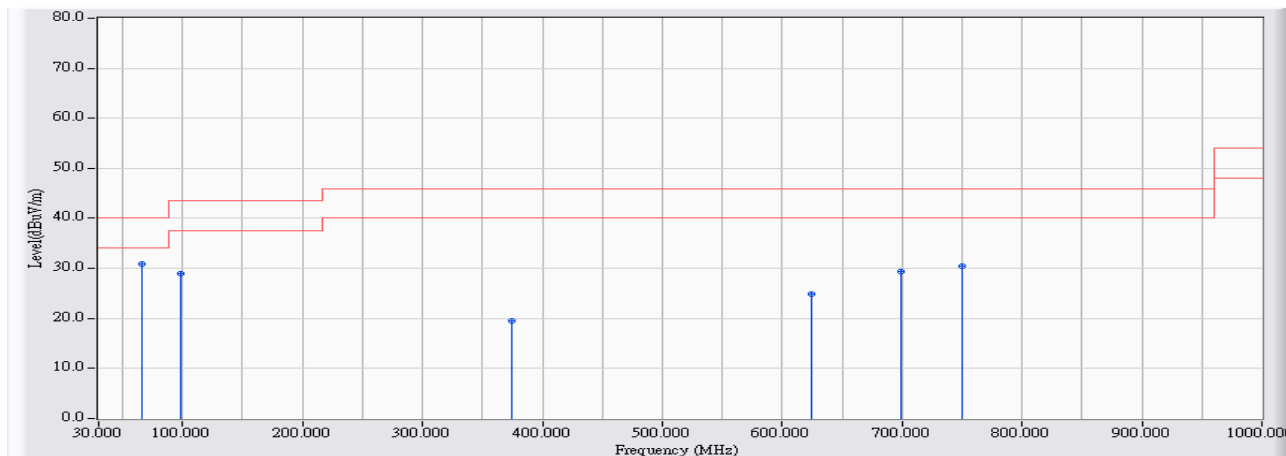


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	101.133	-13.425	42.229	28.804	-14.696	43.500	QUASPEAK
2		143.167	-13.105	38.123	25.018	-18.482	43.500	QUASPEAK
3		374.350	-8.111	31.856	23.745	-22.255	46.000	QUASPEAK
4		624.933	-4.207	33.353	29.146	-16.854	46.000	QUASPEAK
5		699.300	-3.939	33.798	29.859	-16.141	46.000	QUASPEAK
6		799.533	-2.655	30.264	27.609	-18.391	46.000	QUASPEAK

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 : 2011/11/17 - 13:35
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 2: Normal Link



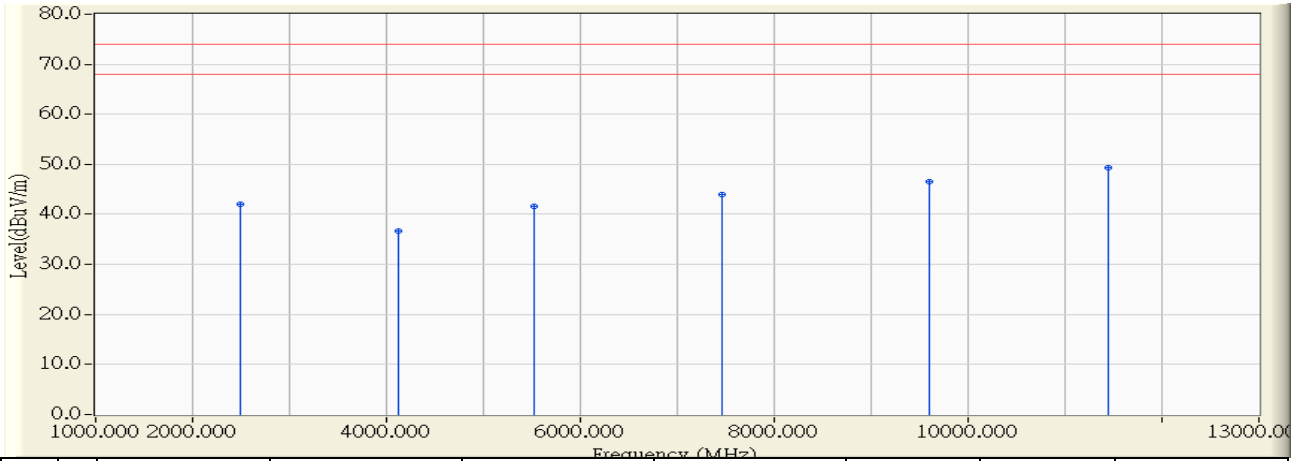
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	65.567	-17.772	48.636	30.864	-9.136	40.000	QUASPEAK
2		97.900	-13.974	42.830	28.856	-14.644	43.500	QUASPEAK
3		374.350	-8.111	27.616	19.505	-26.495	46.000	QUASPEAK
4		624.933	-4.207	29.102	24.895	-21.105	46.000	QUASPEAK
5		699.300	-3.939	33.384	29.445	-16.555	46.000	QUASPEAK
6		749.417	-3.297	33.704	30.408	-15.592	46.000	QUASPEAK

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.

**Above 1GHz Spurious:**

Site : CB1	Time : 2011/11/11 - 15:05
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-2412MHz,802.11b



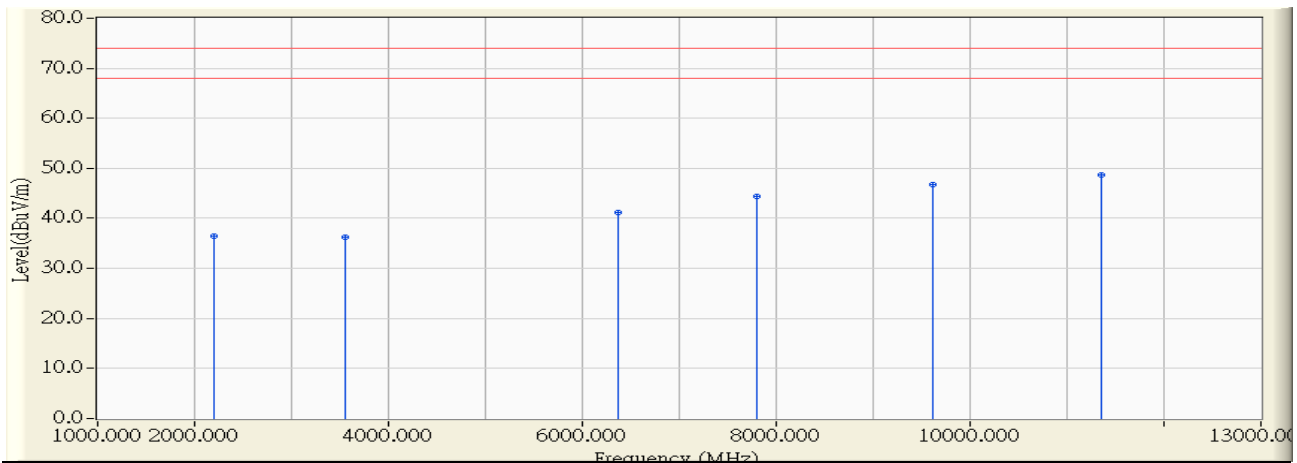
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2500.000	-2.961	44.899	41.938	-32.062	74.000	PEAK
2	4120.000	-2.337	38.918	36.581	-37.419	74.000	PEAK
3	5524.000	3.480	38.081	41.561	-32.439	74.000	PEAK
4	7456.000	6.027	38.029	44.056	-29.944	74.000	PEAK
5	9604.000	8.912	37.642	46.554	-27.446	74.000	PEAK
6	* 11452.000	12.154	37.249	49.403	-24.597	74.000	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.



Site : CB1	Time : 2011/11/11 - 15:04
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-2412MHz,802.11b

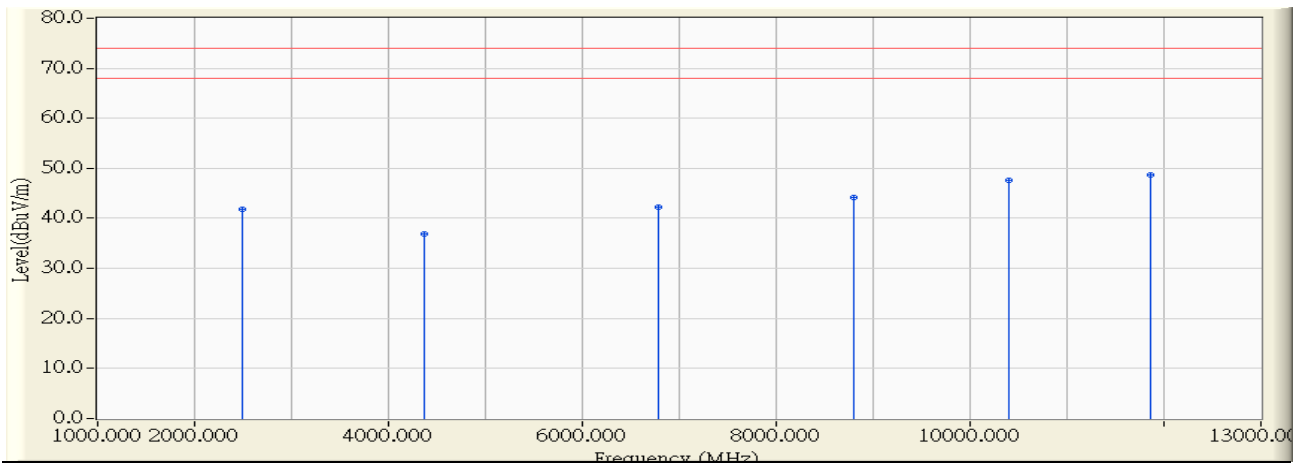


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2200.000	-5.800	42.343	36.543	-37.457	74.000	PEAK
2	3556.000	-3.867	40.094	36.226	-37.774	74.000	PEAK
3	6364.000	3.203	38.046	41.249	-32.751	74.000	PEAK
4	7804.000	6.692	37.720	44.412	-29.588	74.000	PEAK
5	9616.000	8.998	37.672	46.671	-27.329	74.000	PEAK
6	* 11356.000	12.201	36.401	48.603	-25.397	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2011/11/11 - 15:08
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-2437MHz,802.11b

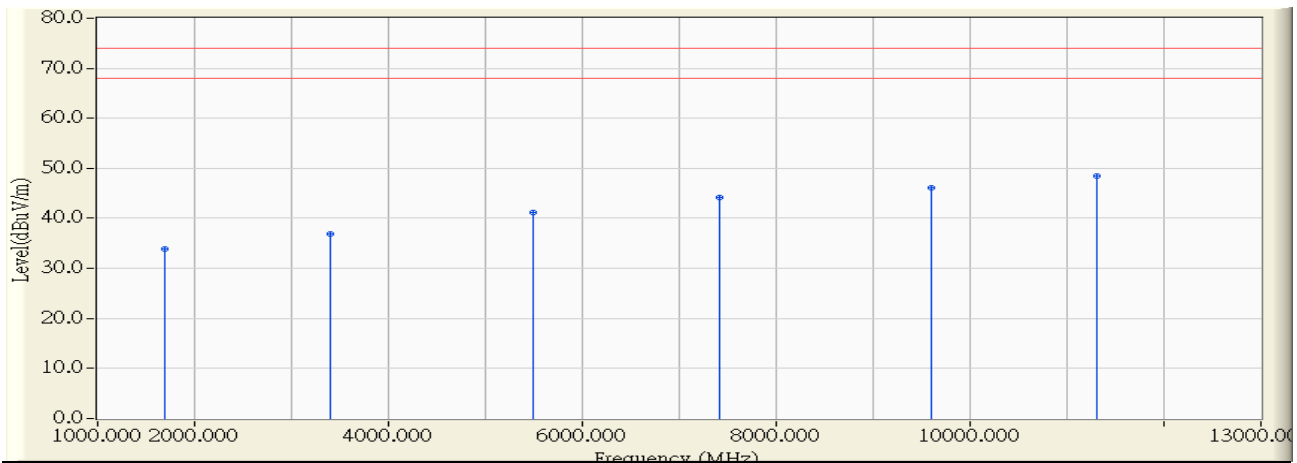


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2500.000	-2.961	44.758	41.797	-32.203	74.000	PEAK
2	4372.000	-1.883	38.759	36.875	-37.125	74.000	PEAK
3	6784.000	4.405	37.810	42.215	-31.785	74.000	PEAK
4	8800.000	7.111	37.154	44.265	-29.735	74.000	PEAK
5	10396.000	10.694	36.970	47.664	-26.336	74.000	PEAK
6	* 11860.000	11.712	36.950	48.662	-25.338	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2011/11/11 - 15:07
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-2437MHz,802.11b

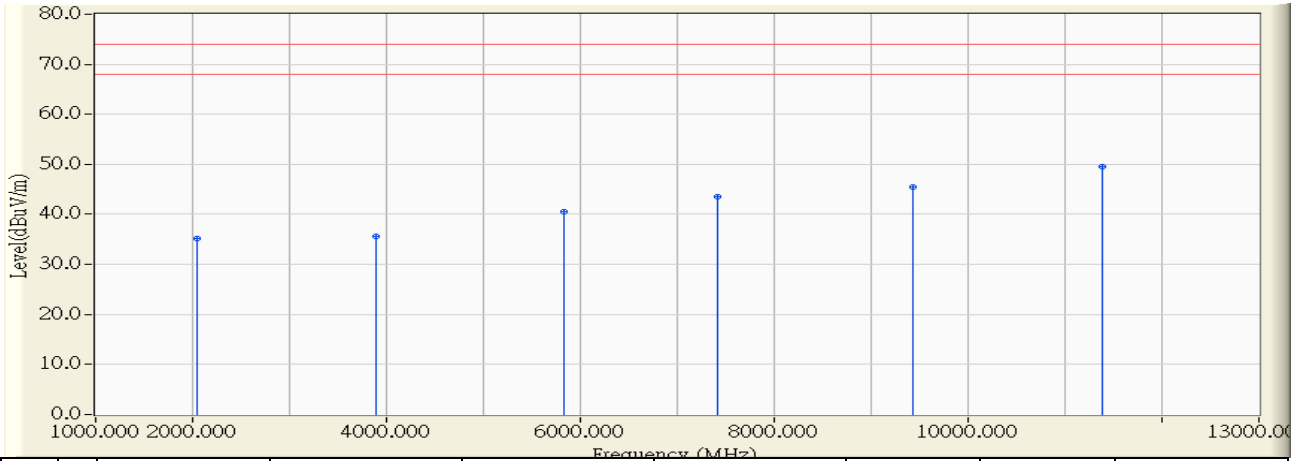


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	1696.000	-8.691	42.633	33.942	-40.058	74.000	PEAK
2	3400.000	-4.065	40.974	36.909	-37.091	74.000	PEAK
3	5488.000	3.471	37.706	41.178	-32.822	74.000	PEAK
4	7420.000	5.940	38.177	44.117	-29.883	74.000	PEAK
5	9604.000	8.912	37.191	46.103	-27.897	74.000	PEAK
6	* 11308.000	12.225	36.164	48.389	-25.611	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2011/11/11 - 15:10
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-2462MHz,802.11b

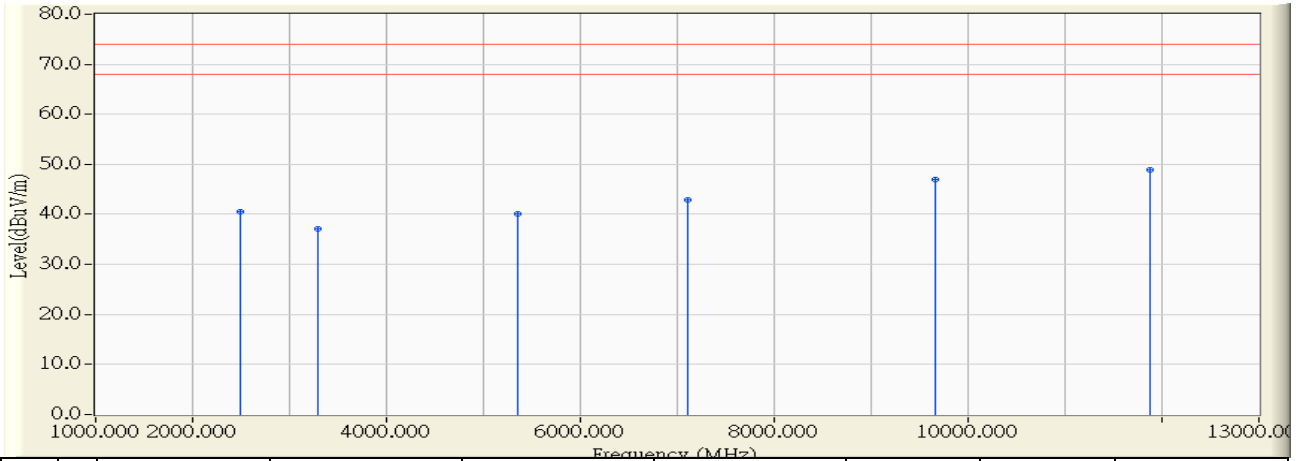


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2044.000	-7.296	42.438	35.142	-38.858	74.000	PEAK
2	3892.000	-2.875	38.582	35.707	-38.293	74.000	PEAK
3	5824.000	2.429	38.198	40.627	-33.373	74.000	PEAK
4	7408.000	5.911	37.534	43.445	-30.555	74.000	PEAK
5	9436.000	8.035	37.486	45.520	-28.480	74.000	PEAK
6	* 11380.000	12.190	37.396	49.586	-24.414	74.000	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2011/11/11 - 15:09
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-2462MHz,802.11b

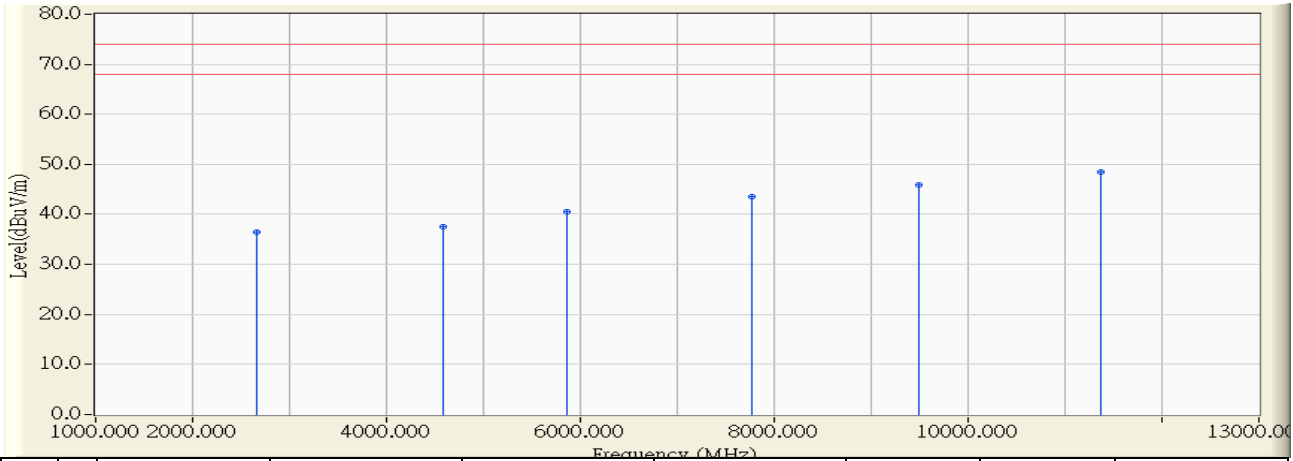


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2500.000	-2.961	43.600	40.639	-33.361	74.000	PEAK
2	3292.000	-4.113	41.308	37.196	-36.804	74.000	PEAK
3	5356.000	2.440	37.760	40.200	-33.800	74.000	PEAK
4	7108.000	5.187	37.738	42.926	-31.074	74.000	PEAK
5	9664.000	9.347	37.578	46.925	-27.075	74.000	PEAK
6	* 11872.000	11.699	37.120	48.818	-25.182	74.000	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2011/11/11 - 15:13
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-2412MHz,802.11n(20M)

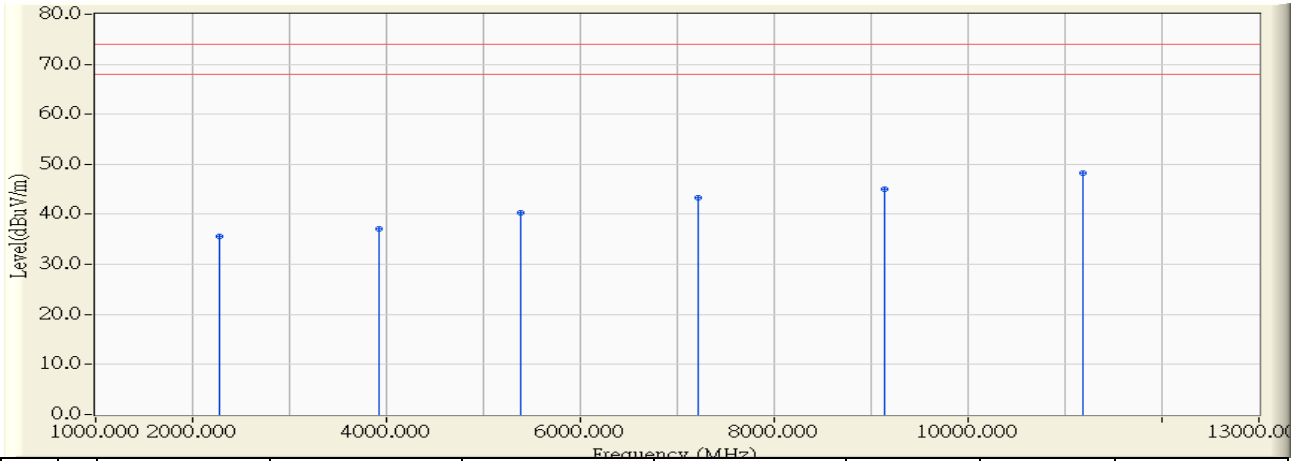


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2656.000	-3.332	39.828	36.495	-37.505	74.000	PEAK
2	4588.000	-1.422	38.881	37.459	-36.541	74.000	PEAK
3	5860.000	2.302	38.181	40.483	-33.517	74.000	PEAK
4	7768.000	6.626	37.001	43.627	-30.373	74.000	PEAK
5	9496.000	8.151	37.795	45.945	-28.055	74.000	PEAK
6	* 11368.000	12.196	36.360	48.556	-25.444	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2011/11/11 - 15:12
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-2412MHz,802.11n(20M)

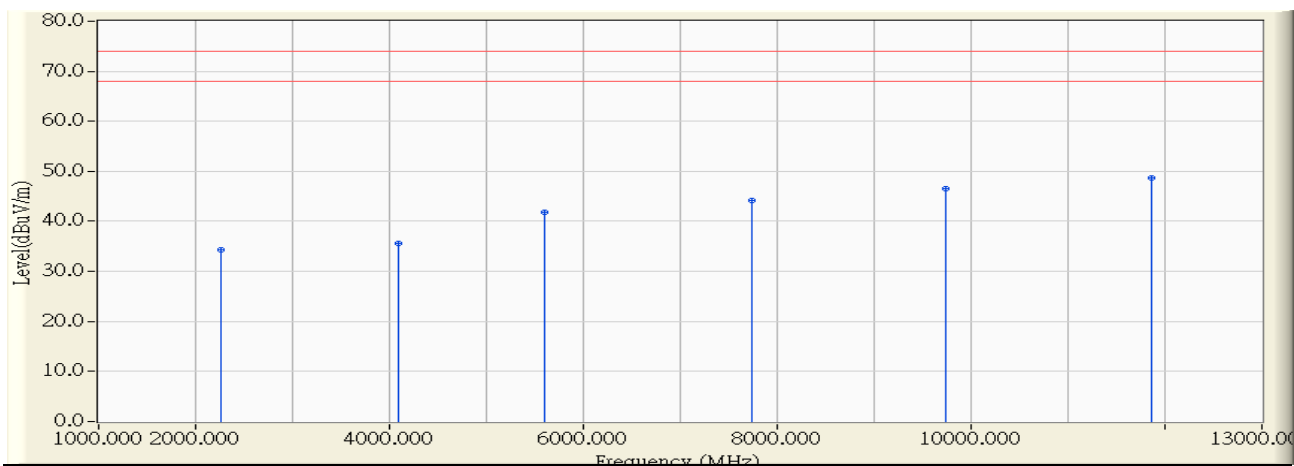


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2284.000	-4.995	40.636	35.642	-38.358	74.000	PEAK
2	3928.000	-2.769	39.932	37.163	-36.837	74.000	PEAK
3	5392.000	2.722	37.604	40.326	-33.674	74.000	PEAK
4	7216.000	5.448	37.888	43.336	-30.664	74.000	PEAK
5	9136.000	7.455	37.505	44.959	-29.041	74.000	PEAK
6	* 11188.000	12.284	35.959	48.243	-25.757	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2011/11/11 - 15:16
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-2437MHz,802.11n(20M)



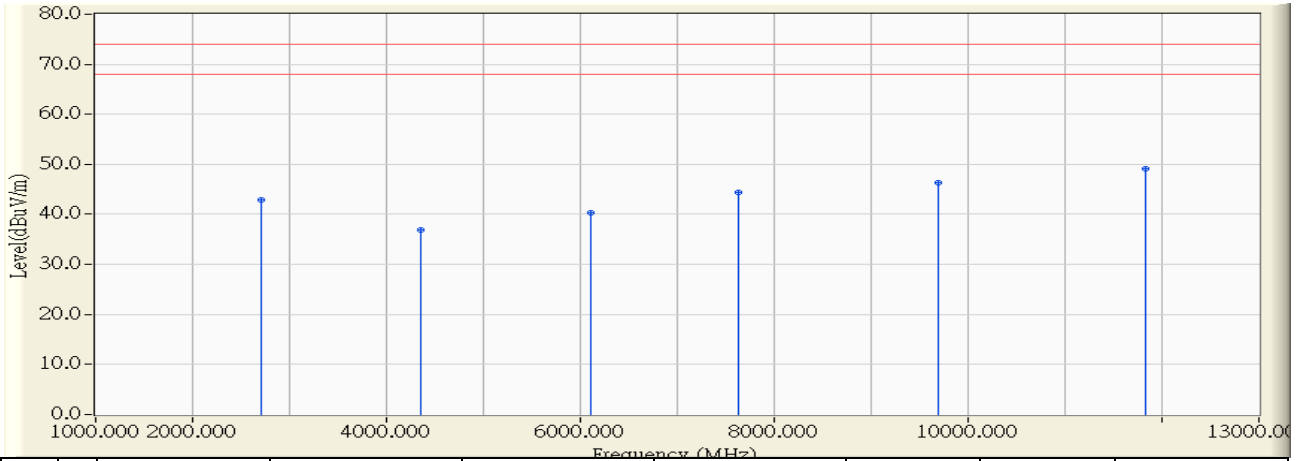
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2260.000	-5.225	39.591	34.366	-39.634	74.000	PEAK
2	4096.000	-2.380	38.044	35.664	-38.336	74.000	PEAK
3	5596.000	3.228	38.534	41.762	-32.238	74.000	PEAK
4	7732.000	6.559	37.688	44.248	-29.752	74.000	PEAK
5	9736.000	9.868	36.757	46.626	-27.374	74.000	PEAK
6	* 11860.000	11.712	36.908	48.620	-25.380	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.



Site : CB1	Time : 2011/11/11 - 15:14
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-2437MHz,802.11n(20M)

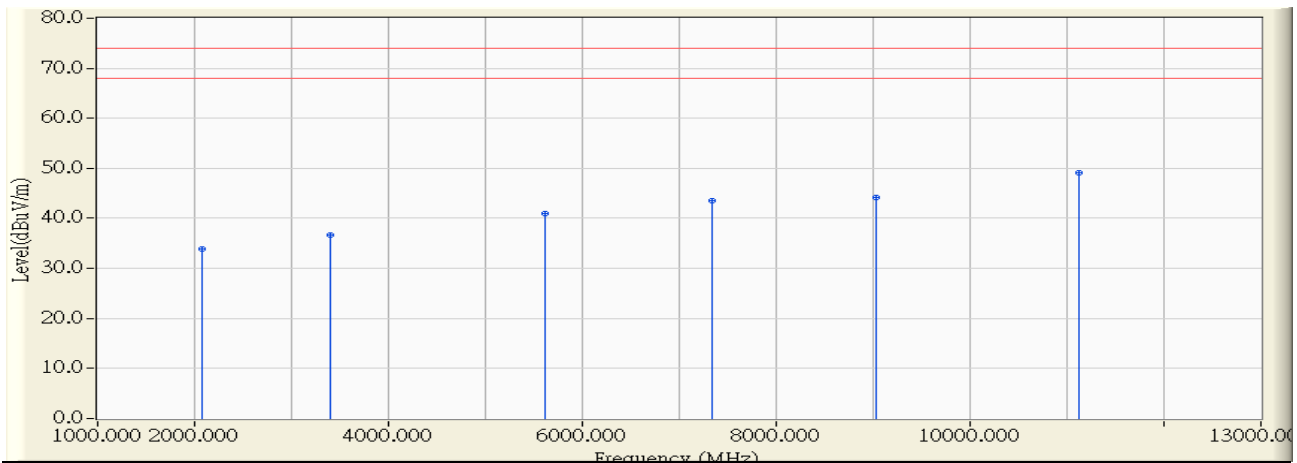


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2704.000	-3.460	46.341	42.882	-31.118	74.000	PEAK
2	4360.000	-1.905	38.765	36.860	-37.140	74.000	PEAK
3	6100.000	2.194	38.029	40.223	-33.777	74.000	PEAK
4	7624.000	6.362	38.107	44.468	-29.532	74.000	PEAK
5	9688.000	9.520	36.805	46.326	-27.674	74.000	PEAK
6	* 11824.000	11.754	37.383	49.137	-24.863	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2011/11/11 - 15:18
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-2462MHz,802.11n(20M)

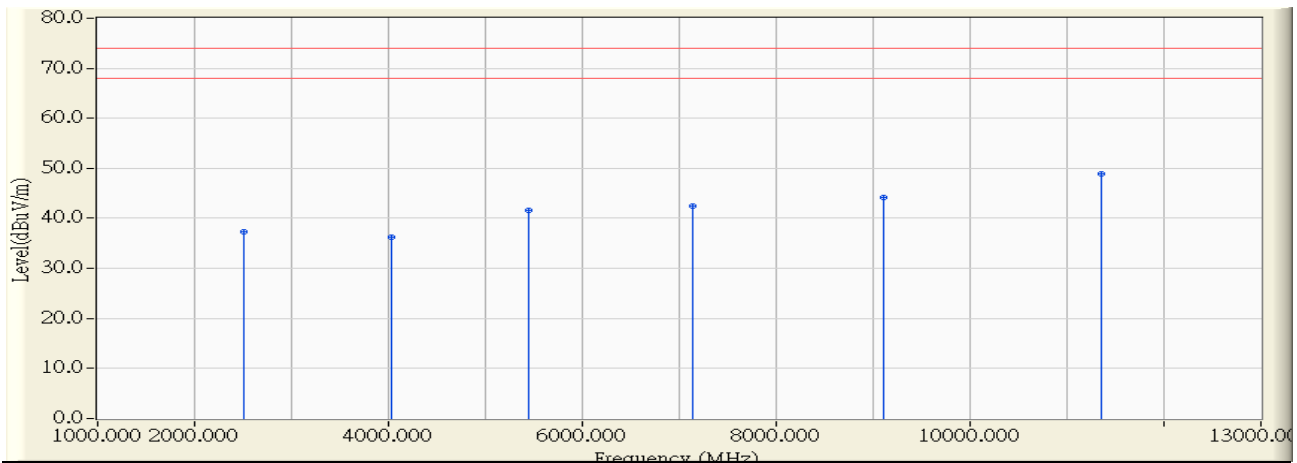


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2080.000	-6.950	40.906	33.956	-40.044	74.000	PEAK
2	3400.000	-4.065	40.655	36.590	-37.410	74.000	PEAK
3	5608.000	3.186	37.782	40.968	-33.032	74.000	PEAK
4	7336.000	5.738	37.801	43.539	-30.461	74.000	PEAK
5	9028.000	7.246	37.011	44.257	-29.743	74.000	PEAK
6	* 11128.000	12.314	36.702	49.016	-24.984	74.000	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2011/11/11 - 15:17
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-2462MHz,802.11n(20M)

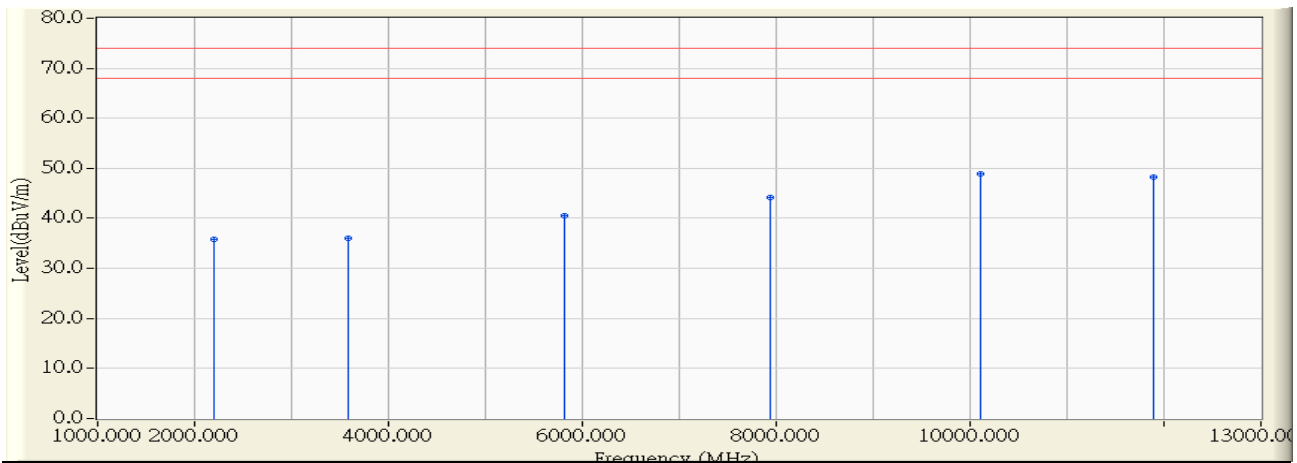


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2512.000	-2.957	40.372	37.415	-36.585	74.000	PEAK
2	4024.000	-2.509	38.709	36.200	-37.800	74.000	PEAK
3	5452.000	3.191	38.416	41.607	-32.393	74.000	PEAK
4	7144.000	5.274	37.275	42.550	-31.450	74.000	PEAK
5	9112.000	7.408	36.784	44.192	-29.808	74.000	PEAK
6	* 11356.000	12.201	36.794	48.996	-25.004	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2011/11/11 - 15:21
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-2422MHz,802.11n(40M)

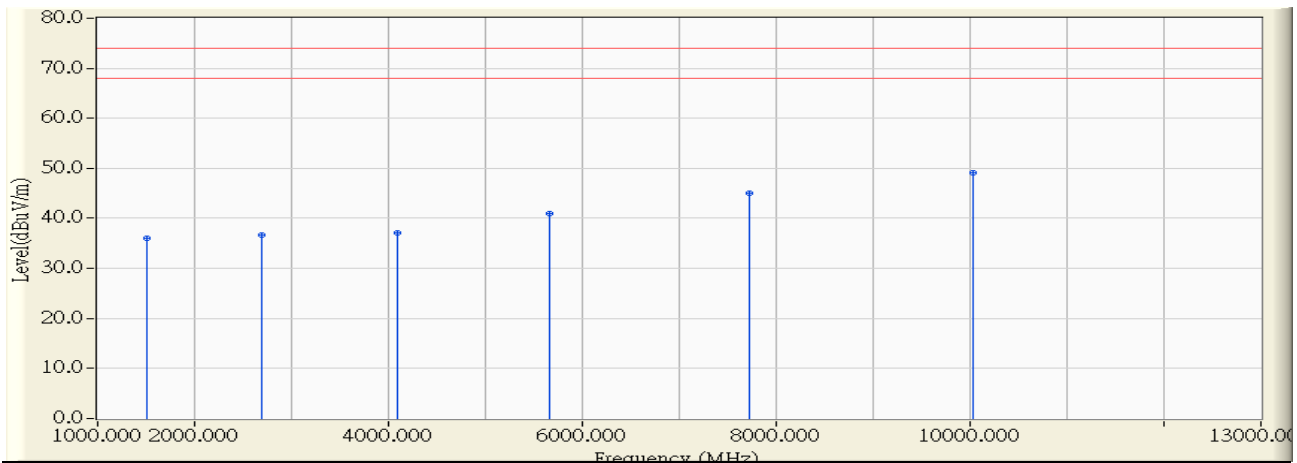


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2200.000	-5.800	41.655	35.855	-38.145	74.000	PEAK
2	3580.000	-3.797	39.840	36.043	-37.957	74.000	PEAK
3	5812.000	2.471	37.982	40.453	-33.547	74.000	PEAK
4	7936.000	6.934	37.316	44.251	-29.749	74.000	PEAK
5	* 10108.000	11.490	37.385	48.875	-25.125	74.000	PEAK
6	11896.000	11.671	36.536	48.206	-25.794	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2011/11/11 - 15:20
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-2422MHz,802.11n(40M)

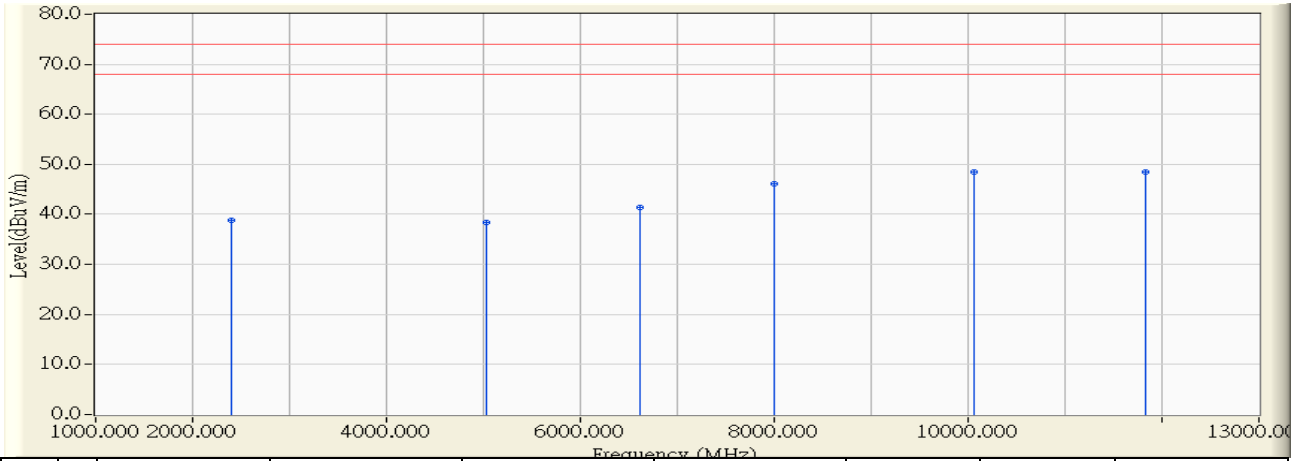


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	1504.000	-9.313	45.241	35.928	-38.072	74.000	PEAK
2	2692.000	-3.427	40.076	36.648	-37.352	74.000	PEAK
3	4096.000	-2.380	39.381	37.001	-36.999	74.000	PEAK
4	5656.000	3.017	38.007	41.024	-32.976	74.000	PEAK
5	7720.000	6.538	38.405	44.943	-29.057	74.000	PEAK
6	* 10024.000	11.722	37.306	49.028	-24.972	74.000	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2011/11/11 - 15:23
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-2437MHz,802.11n(40M)

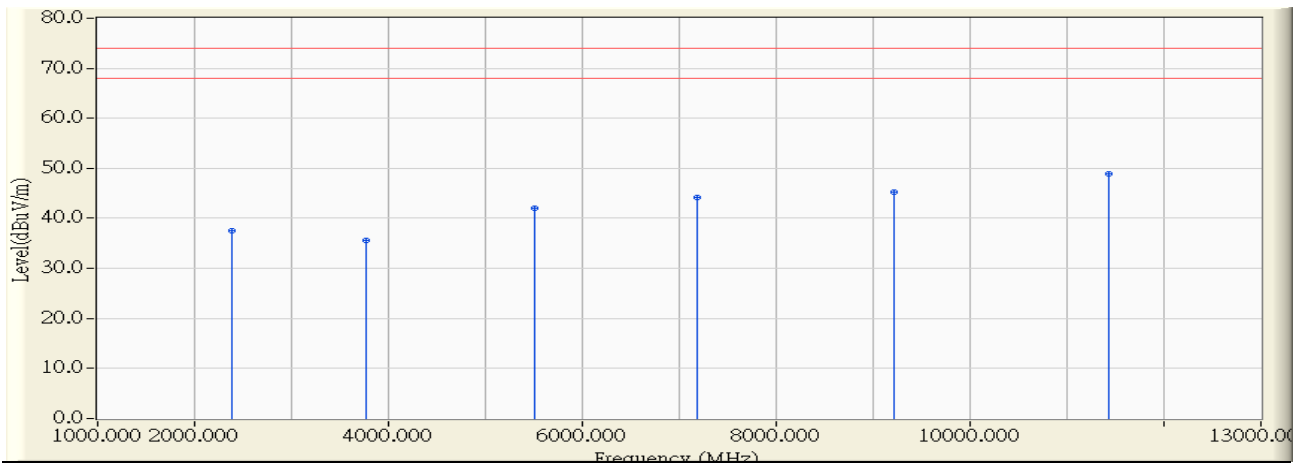


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2404.000	-3.844	42.581	38.737	-35.263	74.000	PEAK
2	5032.000	-0.091	38.416	38.325	-35.675	74.000	PEAK
3	6616.000	4.004	37.395	41.399	-32.601	74.000	PEAK
4	7996.000	7.041	38.974	46.015	-27.985	74.000	PEAK
5	* 10060.000	11.622	36.834	48.456	-25.544	74.000	PEAK
6	11824.000	11.754	36.631	48.385	-25.615	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2011/11/11 - 15:22
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-2437MHz,802.11n(40M)

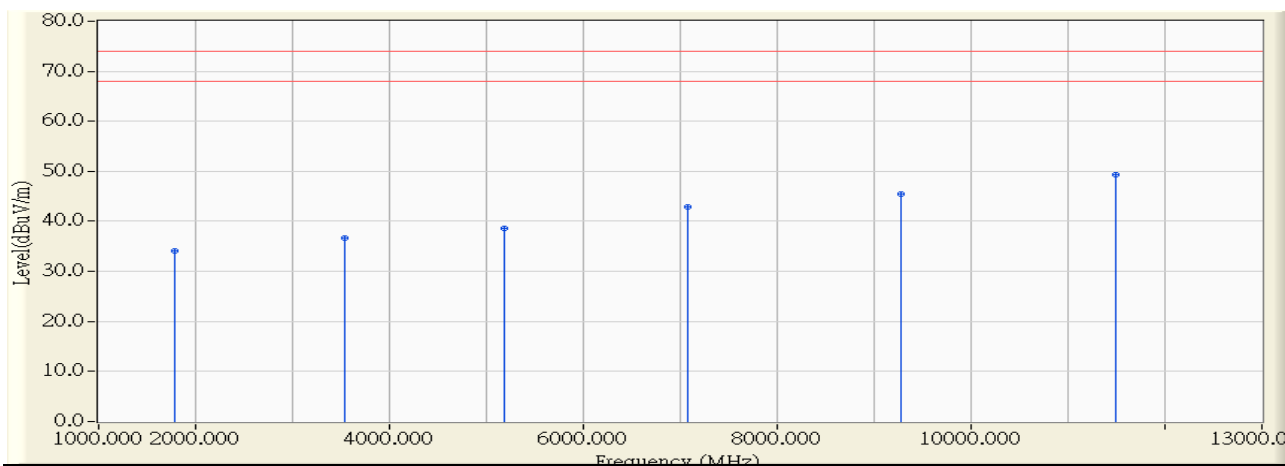


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2380.000	-4.074	41.668	37.594	-36.406	74.000	PEAK
2	3772.000	-3.229	38.916	35.686	-38.314	74.000	PEAK
3	5500.000	3.525	38.458	41.983	-32.017	74.000	PEAK
4	7180.000	5.361	38.768	44.129	-29.871	74.000	PEAK
5	9220.000	7.617	37.604	45.221	-28.779	74.000	PEAK
6	* 11428.000	12.166	36.670	48.836	-25.164	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2011/11/11 - 15:26
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-2452MHz,802.11n(40M)



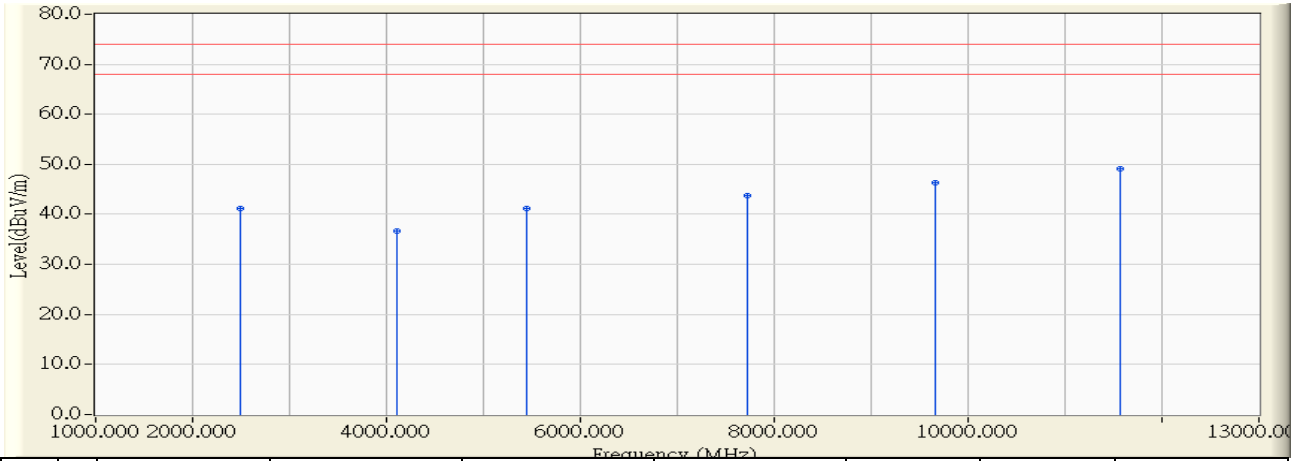
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	1792.000	-8.381	42.529	34.148	-39.852	74.000	PEAK
2	3532.000	-3.938	40.690	36.752	-37.248	74.000	PEAK
3	5188.000	1.127	37.428	38.556	-35.444	74.000	PEAK
4	7072.000	5.101	37.764	42.865	-31.135	74.000	PEAK
5	9280.000	7.733	37.647	45.380	-28.620	74.000	PEAK
6	* 11488.000	12.137	37.271	49.407	-24.593	74.000	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.



Site : CB1	Time : 2011/11/11 - 15:25
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-2452MHz,802.11n(40M)

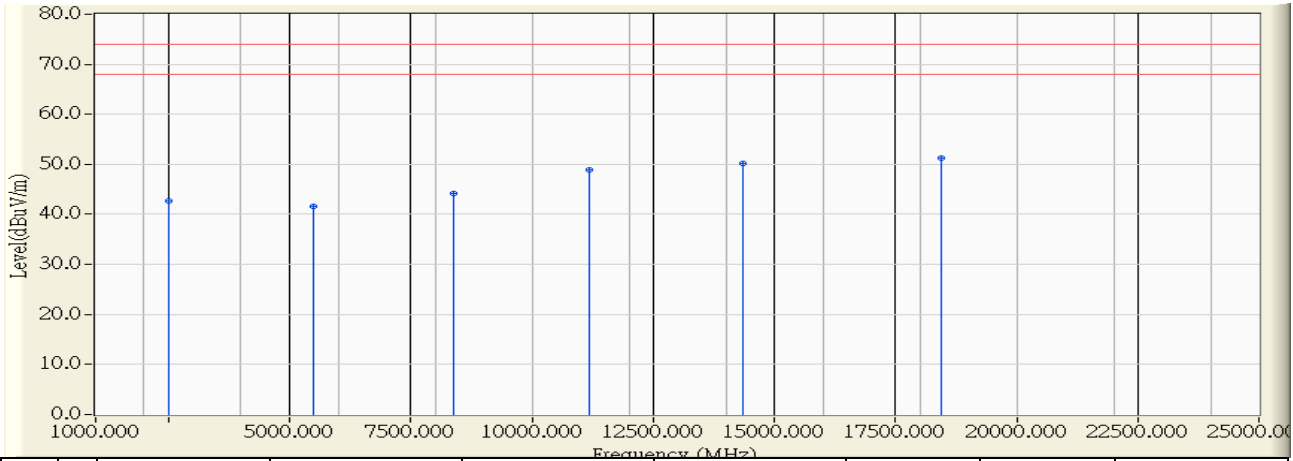


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2500.000	-2.961	44.166	41.205	-32.795	74.000	PEAK
2	4108.000	-2.359	39.052	36.694	-37.306	74.000	PEAK
3	5452.000	3.191	38.086	41.277	-32.723	74.000	PEAK
4	7720.000	6.538	37.246	43.784	-30.216	74.000	PEAK
5	9664.000	9.347	37.010	46.357	-27.643	74.000	PEAK
6	* 11572.000	12.047	37.125	49.171	-24.829	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2011/11/11 - 13:35
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5180MHz,802.11a

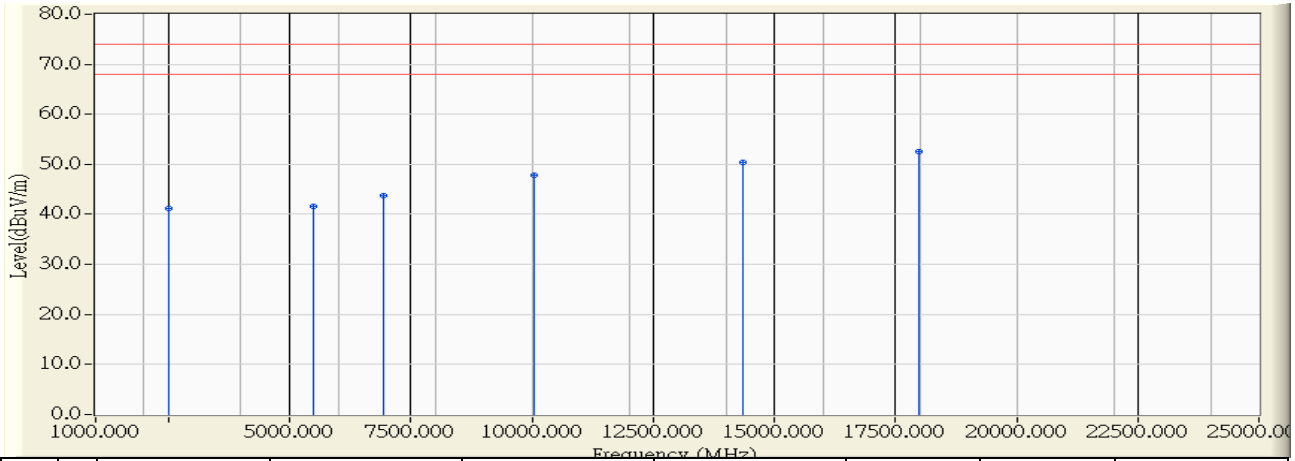


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2512.000	-2.957	45.744	42.787	-31.213	74.000	PEAK
2	5488.000	3.471	38.061	41.533	-32.467	74.000	PEAK
3	8392.000	7.006	37.175	44.181	-29.819	74.000	PEAK
4	11176.000	12.290	36.675	48.965	-25.035	74.000	PEAK
5	14368.000	15.895	34.201	50.096	-23.904	74.000	PEAK
6	* 18448.000	22.168	29.059	51.227	-22.773	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2011/11/11 - 13:34
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5180MHz,802.11a

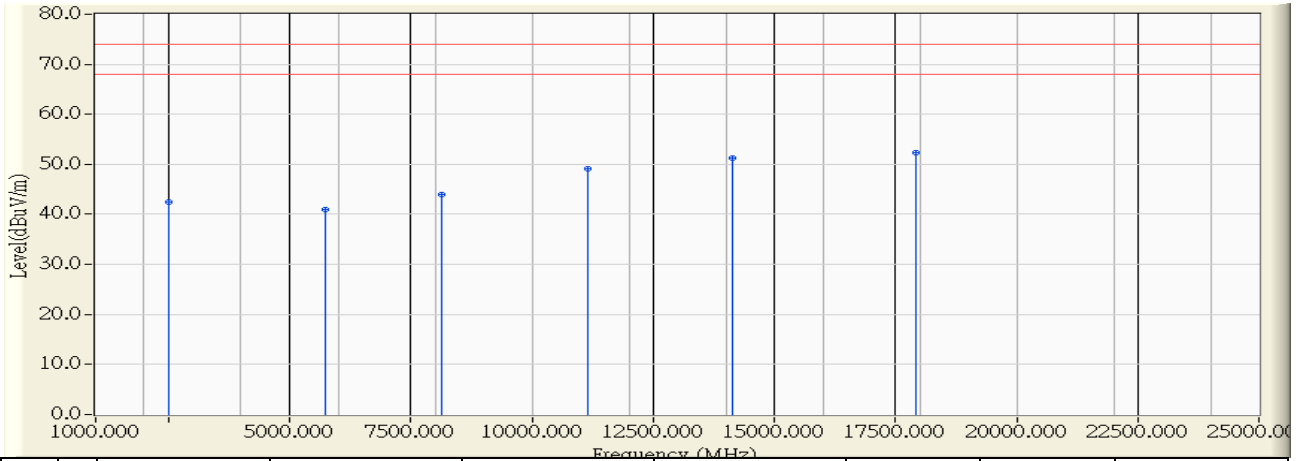


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2512.000	-2.957	44.180	41.223	-32.777	74.000	PEAK
2	5488.000	3.471	38.230	41.702	-32.298	74.000	PEAK
3	6952.000	4.806	38.910	43.716	-30.284	74.000	PEAK
4	10048.000	11.655	36.179	47.834	-26.166	74.000	PEAK
5	14368.000	15.895	34.570	50.465	-23.535	74.000	PEAK
6	* 17992.000	22.082	30.542	52.624	-21.376	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2011/11/11 - 13:38
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5220MHz,802.11a

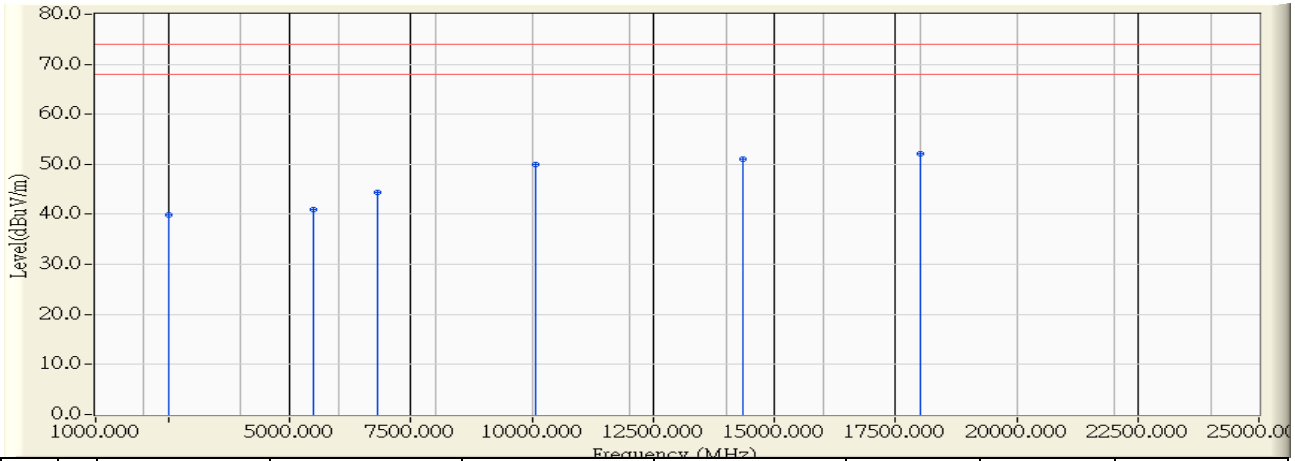


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2512.000	-2.957	45.374	42.417	-31.583	74.000	PEAK
2	5752.000	2.681	38.335	41.016	-32.984	74.000	PEAK
3	8128.000	7.039	37.023	44.061	-29.939	74.000	PEAK
4	11152.000	12.302	36.906	49.208	-24.792	74.000	PEAK
5	14128.000	16.046	35.148	51.194	-22.806	74.000	PEAK
6	* 17920.000	21.313	31.116	52.429	-21.571	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2011/11/11 - 13:37
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5220MHz,802.11a

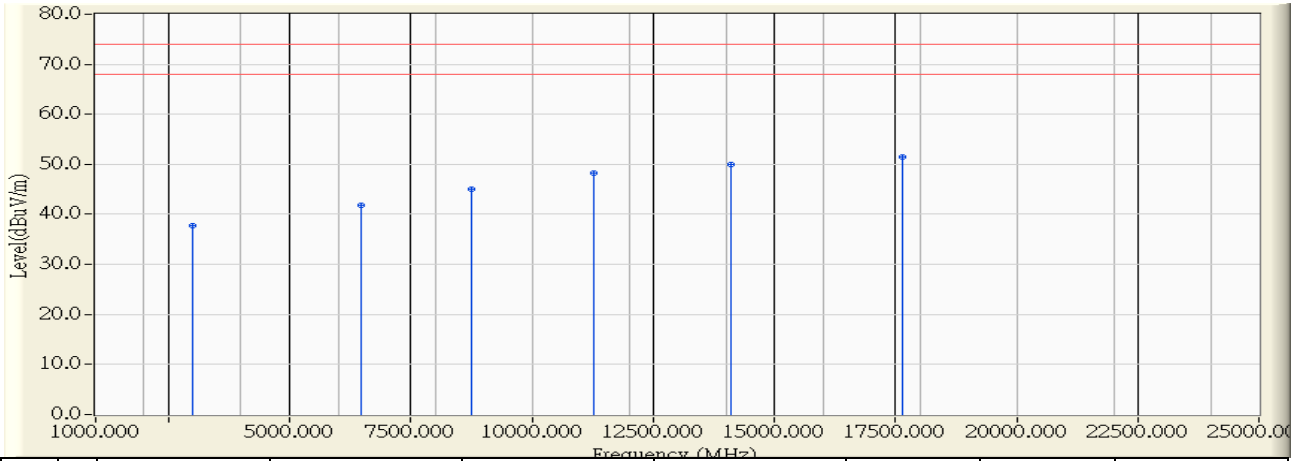


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2512.000	-2.957	42.786	39.829	-34.171	74.000	PEAK
2	5488.000	3.471	37.436	40.908	-33.092	74.000	PEAK
3	6808.000	4.462	39.951	44.413	-29.587	74.000	PEAK
4	10072.000	11.589	38.299	49.888	-24.112	74.000	PEAK
5	14344.000	15.910	35.082	50.992	-23.008	74.000	PEAK
6	* 18016.000	22.168	29.944	52.112	-21.888	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2011/11/11 - 13:40
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5240MHz,802.11a

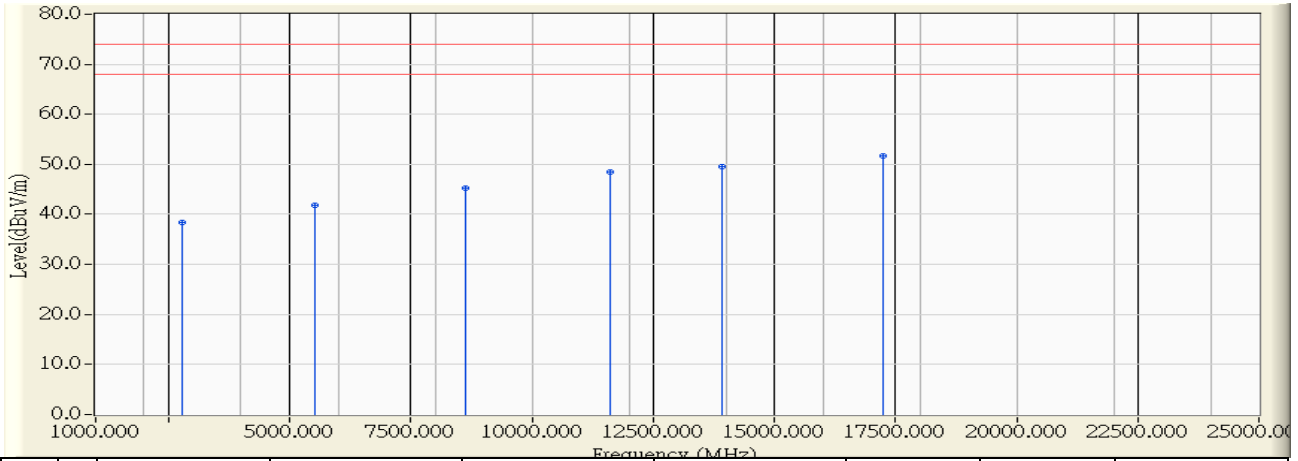


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2992.000	-4.216	41.889	37.673	-36.327	74.000	PEAK
2	6472.000	3.615	38.159	41.774	-32.226	74.000	PEAK
3	8752.000	7.094	37.841	44.935	-29.065	74.000	PEAK
4	11272.000	12.243	36.092	48.335	-25.665	74.000	PEAK
5	14104.000	16.061	33.866	49.927	-24.073	74.000	PEAK
6	* 17632.000	18.233	33.206	51.439	-22.561	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2011/11/11 - 13:39
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5240MHz,802.11a

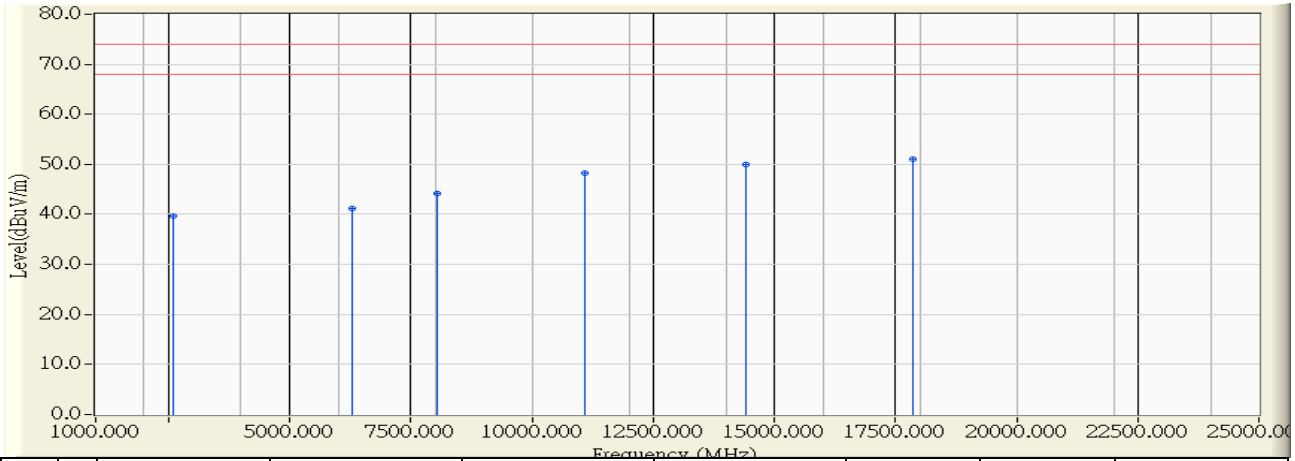


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2776.000	-3.648	42.063	38.415	-35.585	74.000	PEAK
2	5512.000	3.522	38.197	41.719	-32.281	74.000	PEAK
3	8632.000	7.052	38.206	45.257	-28.743	74.000	PEAK
4	11608.000	12.004	36.506	48.510	-25.490	74.000	PEAK
5	13936.000	15.918	33.697	49.615	-24.385	74.000	PEAK
6	* 17248.000	15.794	35.919	51.712	-22.288	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2011/11/11 - 13:43
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5180MHz,802.11n(20M)



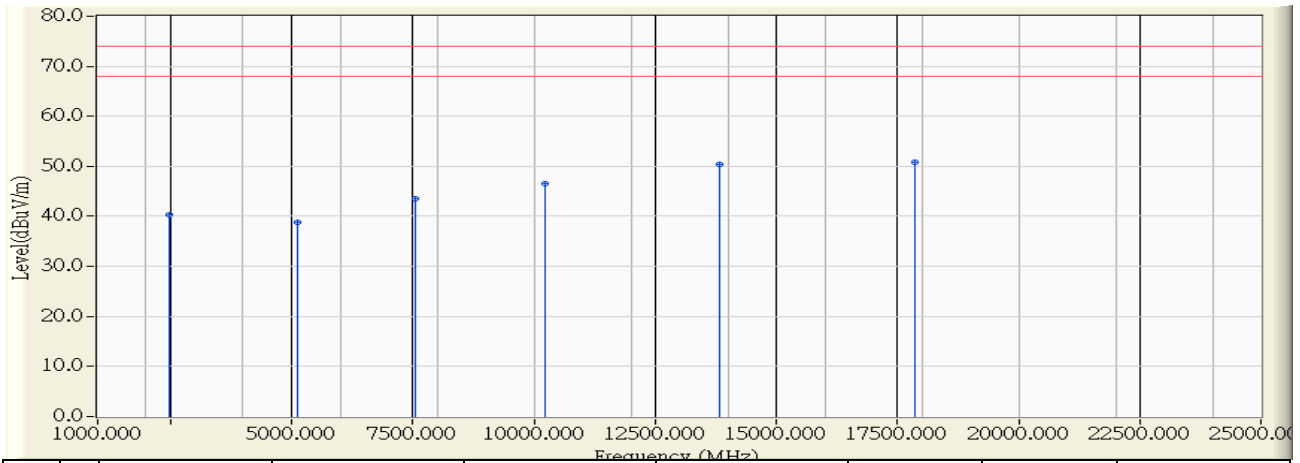
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2608.000	-3.207	42.861	39.654	-34.346	74.000	PEAK
2	6280.000	2.882	38.383	41.265	-32.735	74.000	PEAK
3	8032.000	7.048	37.140	44.189	-29.811	74.000	PEAK
4	11080.000	12.337	35.908	48.245	-25.755	74.000	PEAK
5	14416.000	15.864	34.215	50.080	-23.920	74.000	PEAK
6	* 17872.000	20.799	30.350	51.149	-22.851	74.000	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.



Site : CB1	Time : 2011/11/11 - 13:42
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5180MHz,802.11n(20M)

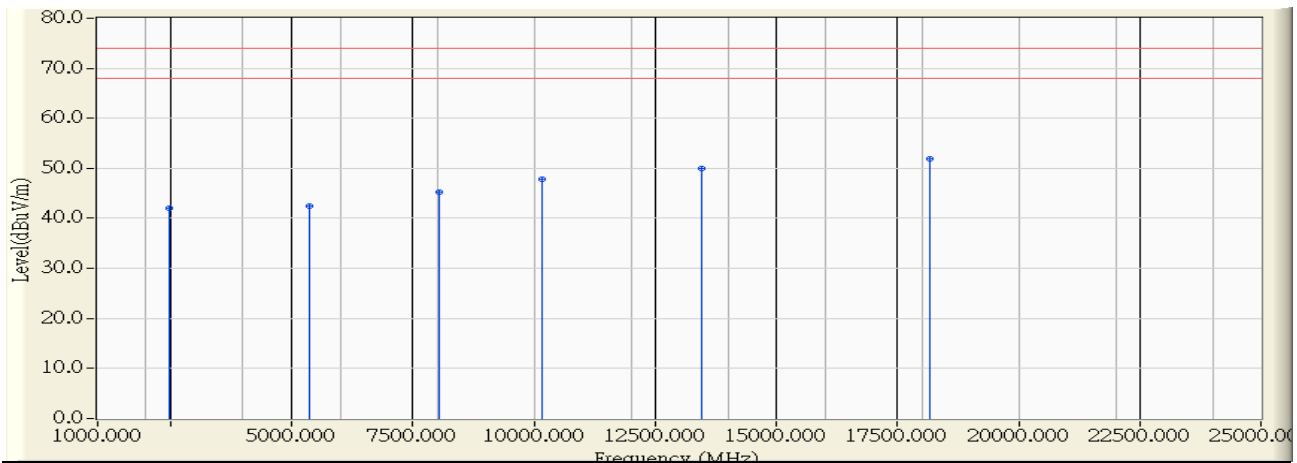


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2488.000	-3.038	43.397	40.359	-33.641	74.000	PEAK
2	5128.000	0.658	38.193	38.852	-35.148	74.000	PEAK
3	7552.000	6.229	37.298	43.527	-30.473	74.000	PEAK
4	10216.000	11.192	35.416	46.608	-27.392	74.000	PEAK
5	13816.000	15.463	34.977	50.440	-23.560	74.000	PEAK
6	* 17872.000	20.799	30.131	50.930	-23.070	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2011/11/11 - 13:46
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5220MHz,802.11n(20M)

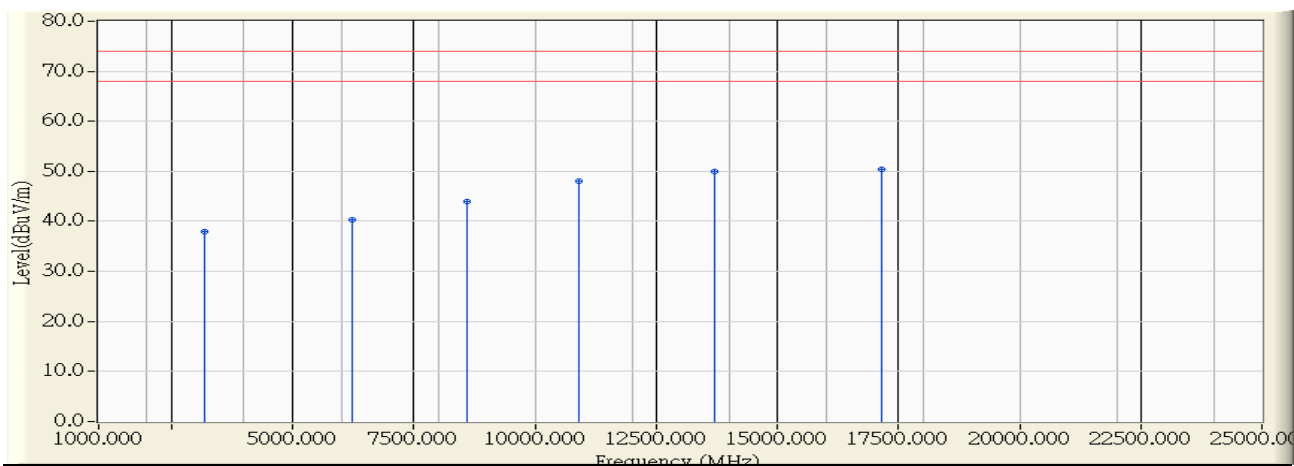


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2488.000	-3.038	45.136	42.098	-31.902	74.000	PEAK
2	5368.000	2.534	39.923	42.457	-31.543	74.000	PEAK
3	8056.000	7.046	38.142	45.188	-28.812	74.000	PEAK
4	10168.000	11.324	36.490	47.814	-26.186	74.000	PEAK
5	13456.000	14.115	35.816	49.931	-24.069	74.000	PEAK
6	* 18160.000	22.168	29.720	51.888	-22.112	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2011/11/11 - 13:44
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5220MHz,802.11n(20M)

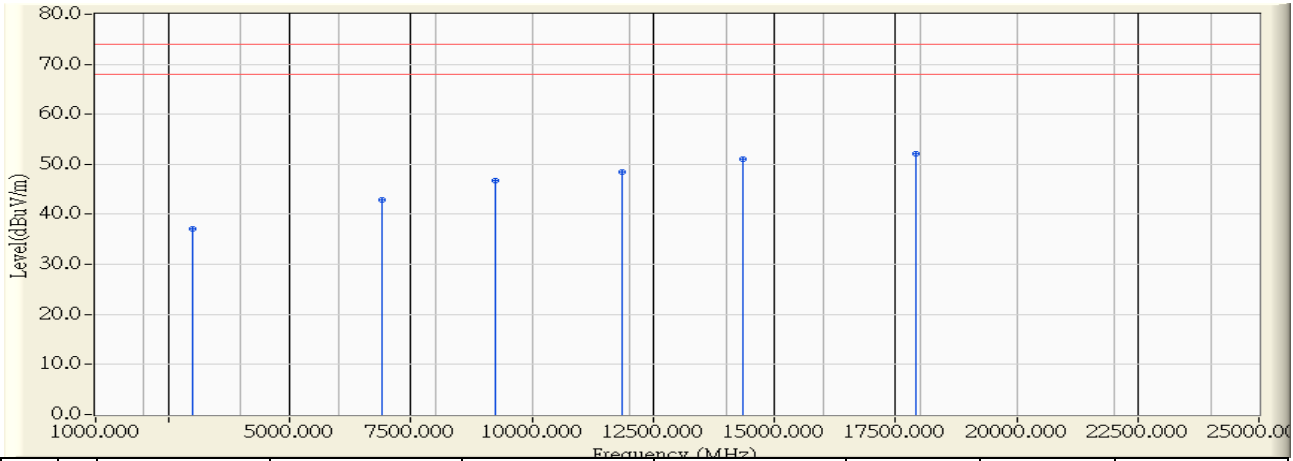


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	3184.000	-4.160	42.156	37.996	-36.004	74.000	PEAK
2	6232.000	2.699	37.687	40.386	-33.614	74.000	PEAK
3	8608.000	7.041	36.820	43.862	-30.138	74.000	PEAK
4	10912.000	12.037	36.097	48.135	-25.865	74.000	PEAK
5	13696.000	15.008	34.902	49.909	-24.091	74.000	PEAK
6	* 17152.000	15.402	35.036	50.439	-23.561	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2011/11/11 - 13:48
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5240MHz,802.11n(20M)

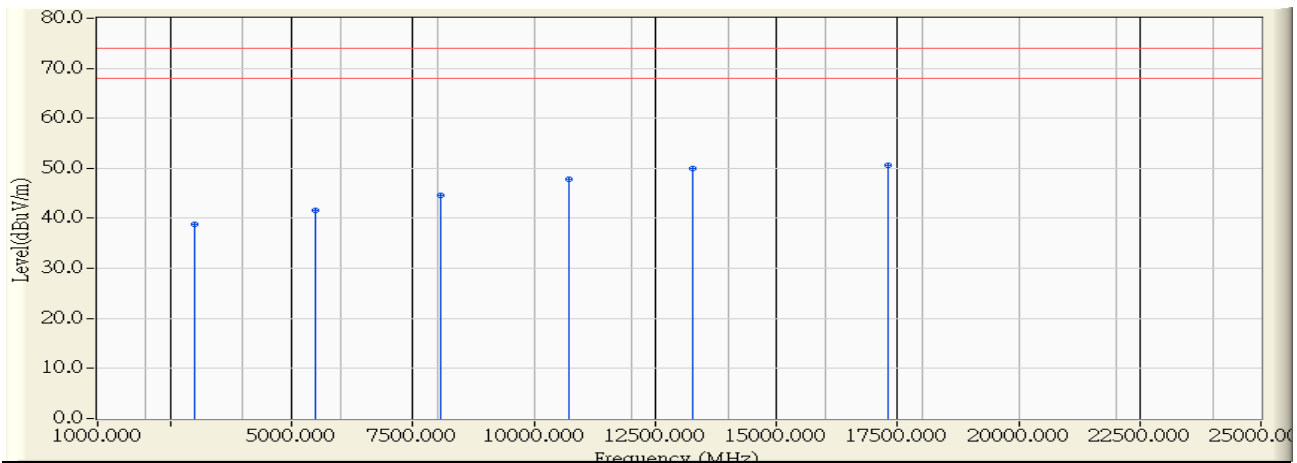


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2992.000	-4.216	41.399	37.183	-36.817	74.000	PEAK
2	6904.000	4.692	38.146	42.837	-31.163	74.000	PEAK
3	9256.000	7.687	39.122	46.808	-27.192	74.000	PEAK
4	11848.000	11.726	36.646	48.372	-25.628	74.000	PEAK
5	14344.000	15.910	35.180	51.090	-22.910	74.000	PEAK
6	* 17920.000	21.313	30.852	52.165	-21.835	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2011/11/11 - 13:47
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5240MHz,802.11n(20M)

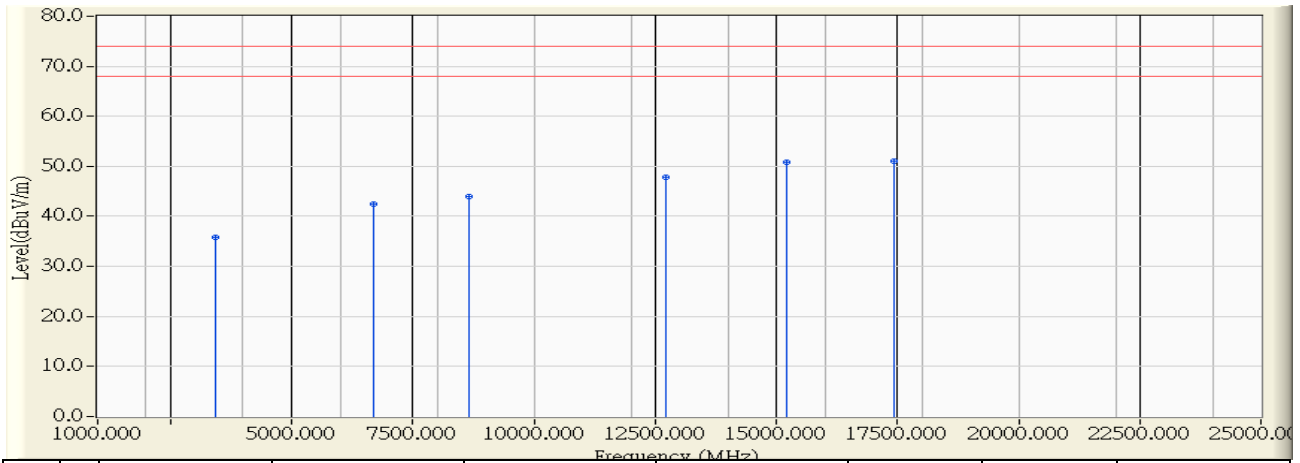


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2992.000	-4.216	42.940	38.724	-35.276	74.000	PEAK
2	5488.000	3.471	38.101	41.573	-32.427	74.000	PEAK
3	8080.000	7.043	37.538	44.581	-29.419	74.000	PEAK
4	10720.000	11.285	36.477	47.762	-26.238	74.000	PEAK
5	13264.000	13.531	36.362	49.894	-24.106	74.000	PEAK
6	* 17320.000	16.086	34.505	50.591	-23.409	74.000	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2011/11/11 - 13:51
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5190MHz,802.11n(40M)

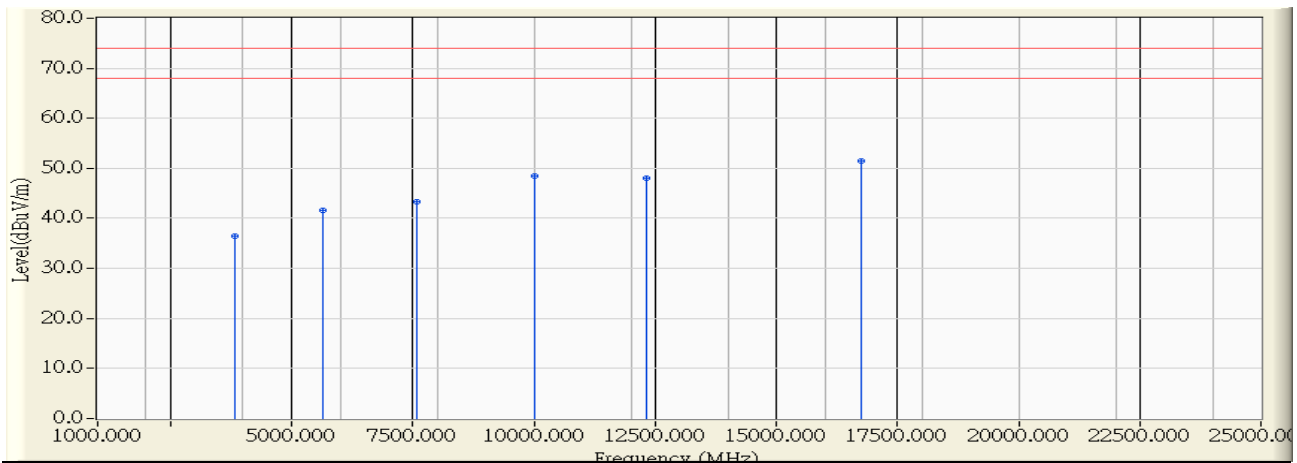


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	3424.000	-4.054	39.966	35.912	-38.088	74.000	PEAK
2	6688.000	4.175	38.388	42.564	-31.436	74.000	PEAK
3	8656.000	7.060	36.855	43.914	-30.086	74.000	PEAK
4	12736.000	12.012	35.853	47.865	-26.135	74.000	PEAK
5	15208.000	13.386	37.352	50.739	-23.261	74.000	PEAK
6	* 17416.000	16.476	34.605	51.081	-22.919	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2011/11/11 - 13:50
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5190MHz,802.11n(40M)

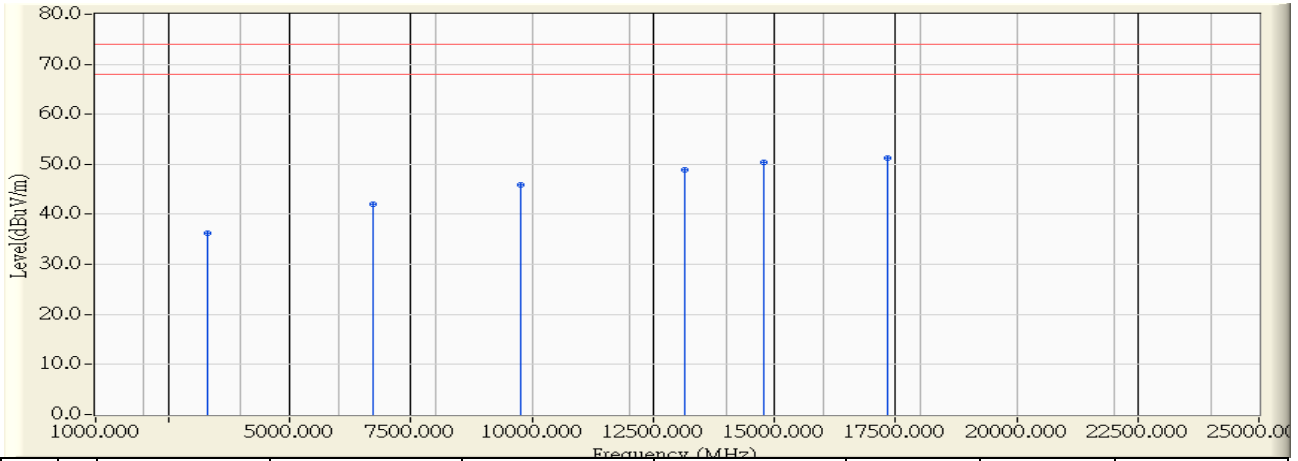


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	3832.000	-3.052	39.606	36.554	-37.446	74.000	PEAK
2	5656.000	3.017	38.518	41.535	-32.465	74.000	PEAK
3	7576.000	6.273	37.125	43.398	-30.602	74.000	PEAK
4	10000.000	11.743	36.763	48.506	-25.494	74.000	PEAK
5	12328.000	11.430	36.533	47.964	-26.036	74.000	PEAK
6	* 16768.000	14.111	37.331	51.442	-22.558	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2011/11/11 - 13:53
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5230MHz,802.11n(40M)



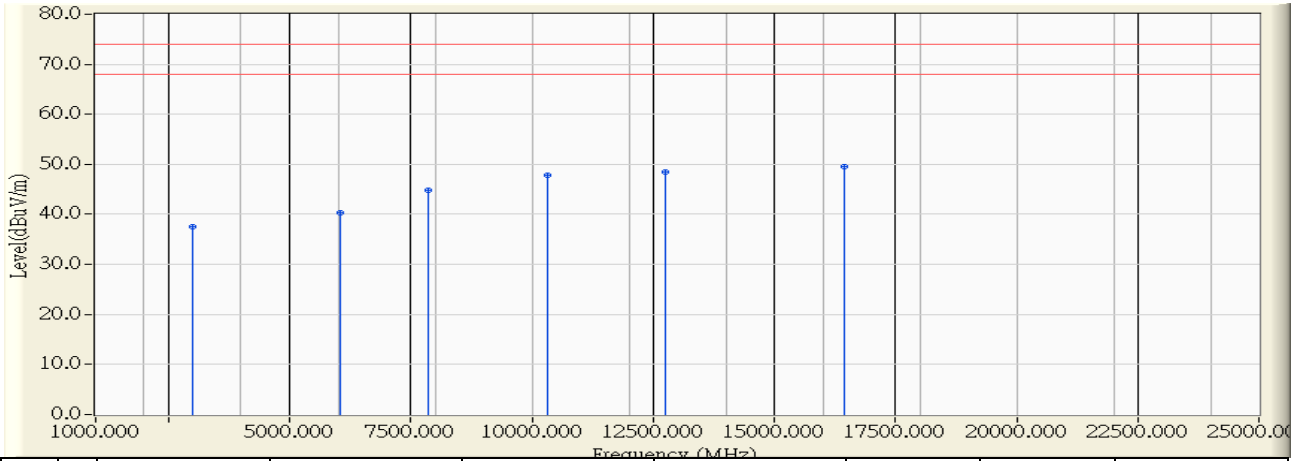
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	3304.000	-4.107	40.454	36.347	-37.653	74.000	PEAK
2	6712.000	4.234	37.759	41.992	-32.008	74.000	PEAK
3	9784.000	10.217	35.591	45.807	-28.193	74.000	PEAK
4	13168.000	13.240	35.705	48.945	-25.055	74.000	PEAK
5	14776.000	15.235	35.215	50.450	-23.550	74.000	PEAK
6	* 17344.000	16.184	35.147	51.331	-22.669	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.



Site : CB1	Time : 2011/11/11 - 13:52
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5230MHz,802.11n(40M)

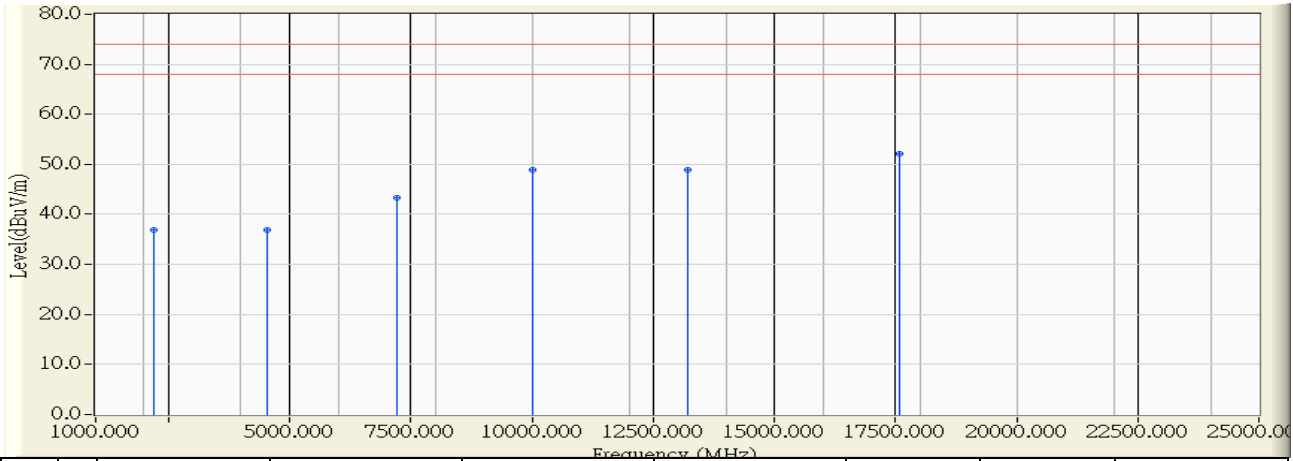


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2992.000	-4.216	41.660	37.444	-36.556	74.000	PEAK
2	6040.000	1.965	38.381	40.346	-33.654	74.000	PEAK
3	7864.000	6.803	37.989	44.791	-29.209	74.000	PEAK
4	10312.000	10.926	36.880	47.806	-26.194	74.000	PEAK
5	12760.000	12.077	36.353	48.430	-25.570	74.000	PEAK
6	* 16456.000	13.122	36.409	49.530	-24.470	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2011/11/11 - 14:24
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5745MHz,802.11a

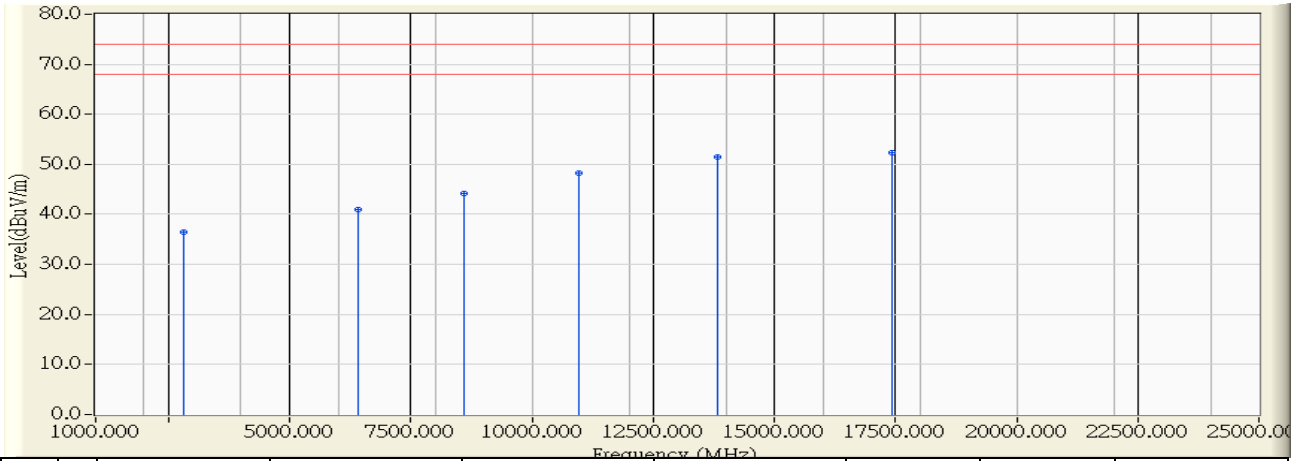


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2200.000	-5.800	42.605	36.805	-37.195	74.000	PEAK
2	4528.000	-1.580	38.477	36.897	-37.103	74.000	PEAK
3	7216.000	5.448	37.884	43.332	-30.668	74.000	PEAK
4	10000.000	11.743	37.113	48.856	-25.144	74.000	PEAK
5	13216.000	13.386	35.467	48.853	-25.147	74.000	PEAK
6	* 17584.000	17.720	34.296	52.016	-21.984	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2011/11/11 - 14:23
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5745MHz,802.11a

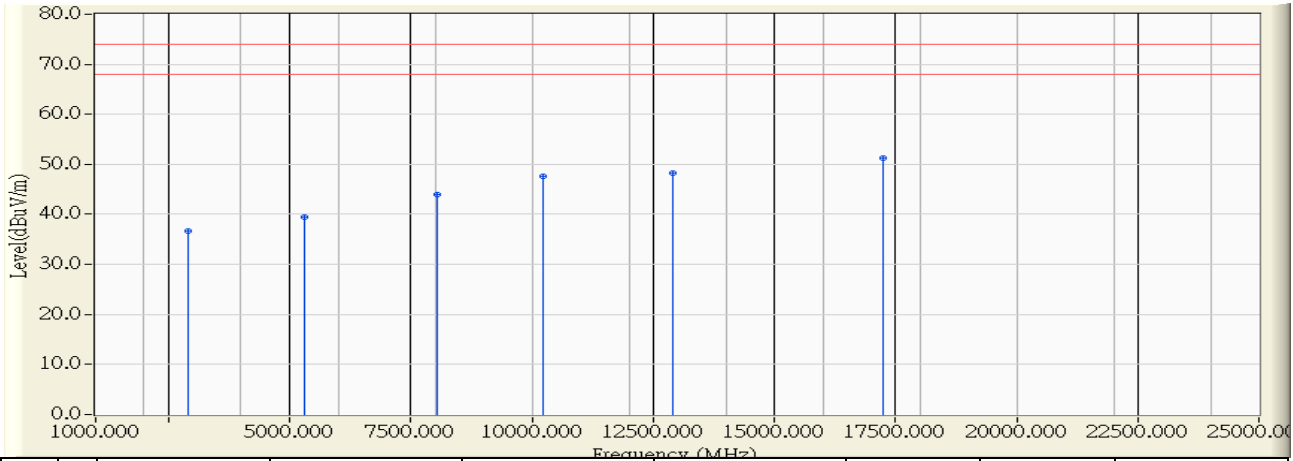


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2824.000	-3.775	40.278	36.503	-37.497	74.000	PEAK
2	6424.000	3.432	37.512	40.944	-33.056	74.000	PEAK
3	8608.000	7.041	37.034	44.076	-29.924	74.000	PEAK
4	10984.000	12.320	35.995	48.315	-25.685	74.000	PEAK
5	13840.000	15.554	35.923	51.477	-22.523	74.000	PEAK
6	* 17440.000	16.574	35.682	52.256	-21.744	74.000	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2011/11/11 - 14:27
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5785MHz,802.11a

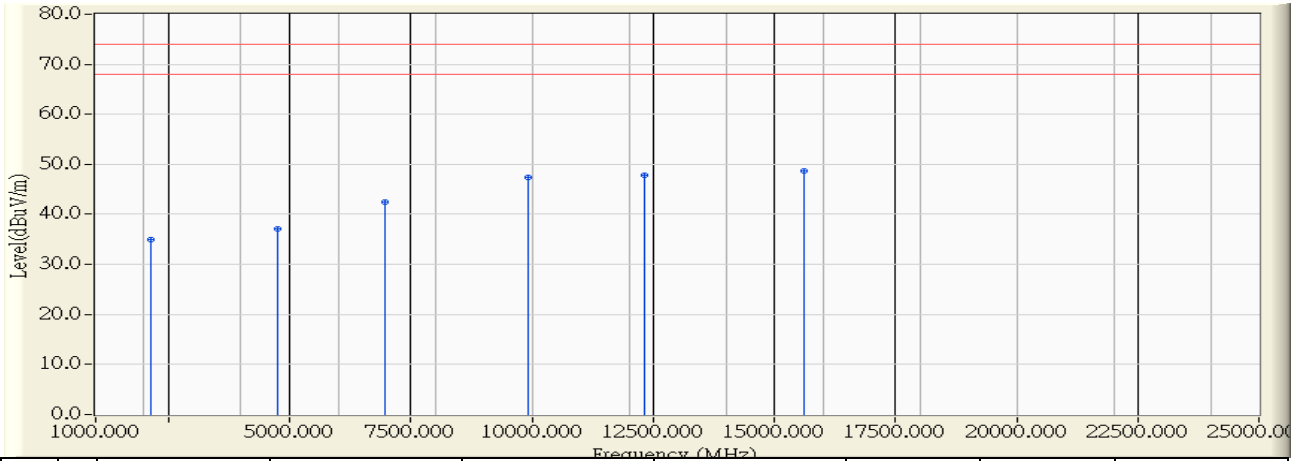


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2896.000	-3.963	40.591	36.627	-37.373	74.000	PEAK
2	5320.000	2.159	37.348	39.507	-34.493	74.000	PEAK
3	8056.000	7.046	36.944	43.990	-30.010	74.000	PEAK
4	10216.000	11.192	36.397	47.589	-26.411	74.000	PEAK
5	12904.000	12.468	35.844	48.313	-25.687	74.000	PEAK
6	* 17248.000	15.794	35.376	51.169	-22.831	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2011/11/11 - 14:26
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5785MHz,802.11a

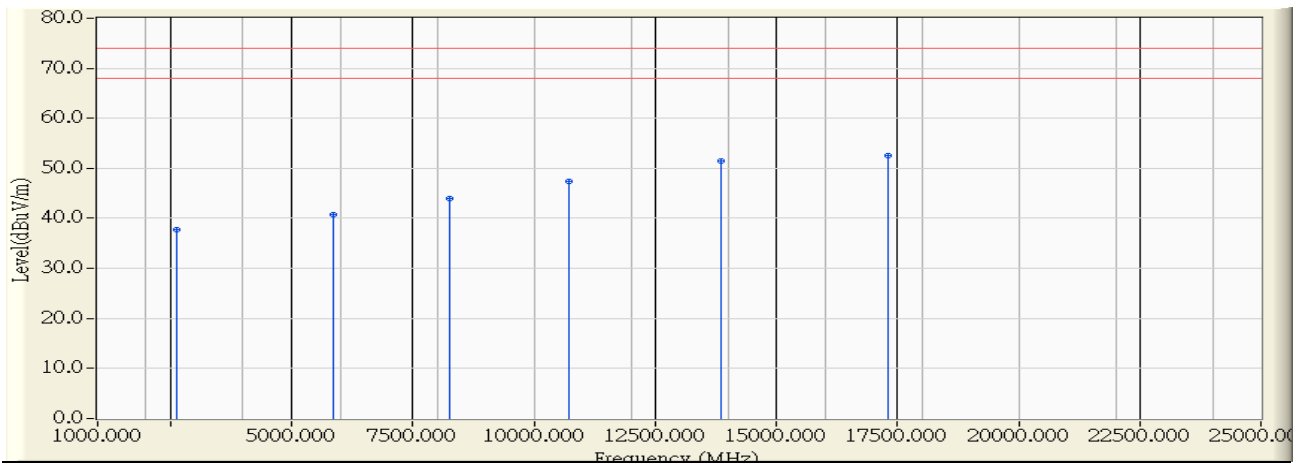


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2128.000	-6.490	41.468	34.978	-39.022	74.000	PEAK
2	4768.000	-0.950	38.143	37.193	-36.807	74.000	PEAK
3	6976.000	4.863	37.628	42.491	-31.509	74.000	PEAK
4	9928.000	11.260	36.131	47.391	-26.609	74.000	PEAK
5	12328.000	11.430	36.476	47.907	-26.093	74.000	PEAK
6	* 15616.000	11.352	37.348	48.700	-25.300	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2011/11/11 - 14:31
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5825MHz,802.11a

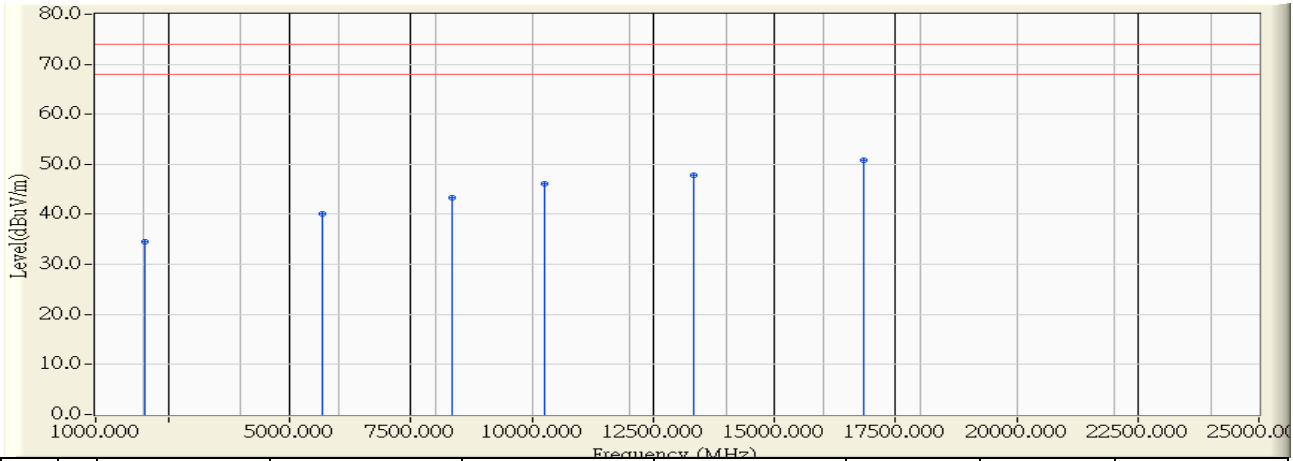


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2632.000	-3.270	40.963	37.693	-36.307	74.000	PEAK
2	5848.000	2.344	38.306	40.650	-33.350	74.000	PEAK
3	8272.000	7.020	36.966	43.987	-30.013	74.000	PEAK
4	10720.000	11.285	36.120	47.405	-26.595	74.000	PEAK
5	13864.000	15.644	35.877	51.522	-22.478	74.000	PEAK
6	* 17320.000	16.086	36.367	52.453	-21.547	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2011/11/11 - 14:30
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5825MHz,802.11a

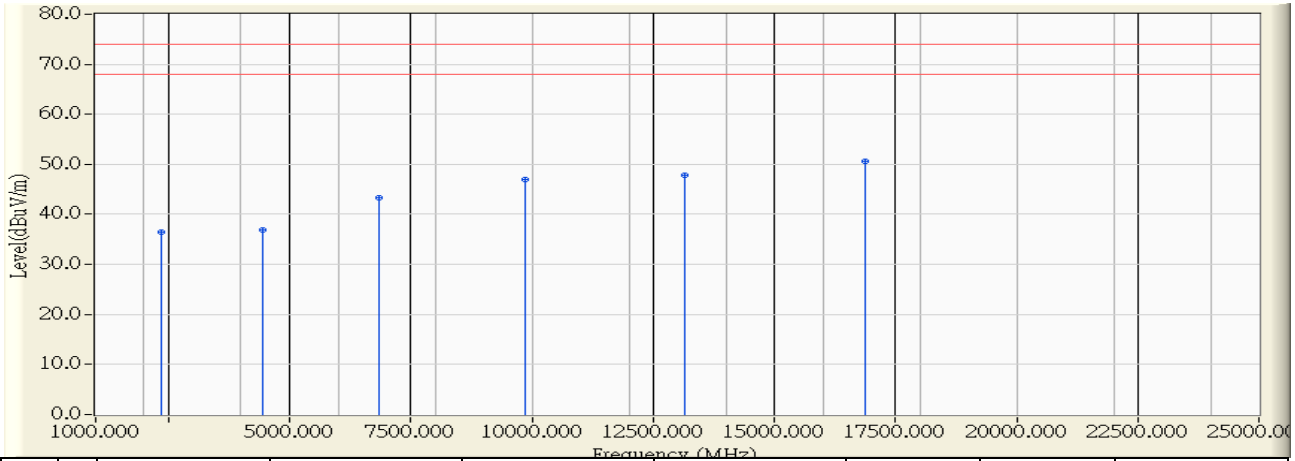


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2008.000	-7.640	42.271	34.630	-39.370	74.000	PEAK
2	5680.000	2.933	37.113	40.046	-33.954	74.000	PEAK
3	8344.000	7.013	36.385	43.397	-30.603	74.000	PEAK
4	10264.000	11.059	35.126	46.185	-27.815	74.000	PEAK
5	13336.000	13.751	34.167	47.917	-26.083	74.000	PEAK
6	* 16840.000	14.321	36.502	50.823	-23.177	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2011/11/11 - 14:34
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5745MHz,802.11n(20M)



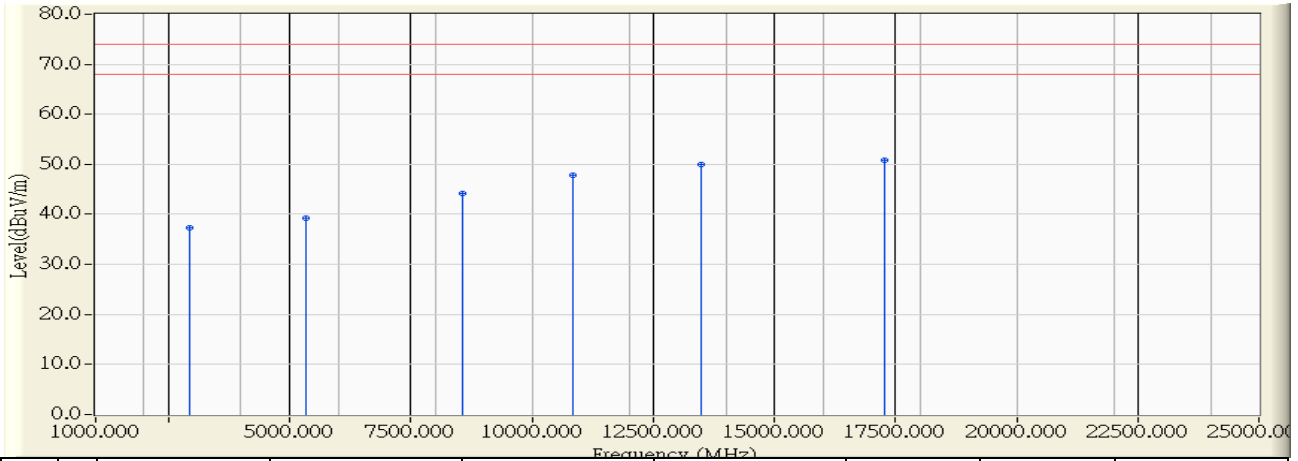
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2344.000	-4.419	40.919	36.500	-37.500	74.000	PEAK
2	4432.000	-1.775	38.560	36.784	-37.216	74.000	PEAK
3	6832.000	4.520	38.820	43.339	-30.661	74.000	PEAK
4	9856.000	10.738	36.210	46.948	-27.052	74.000	PEAK
5	13144.000	13.167	34.748	47.915	-26.085	74.000	PEAK
6	* 16888.000	14.462	36.128	50.590	-23.410	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.



Site : CB1	Time : 2011/11/11 - 14:33
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5745MHz,802.11n(20M)

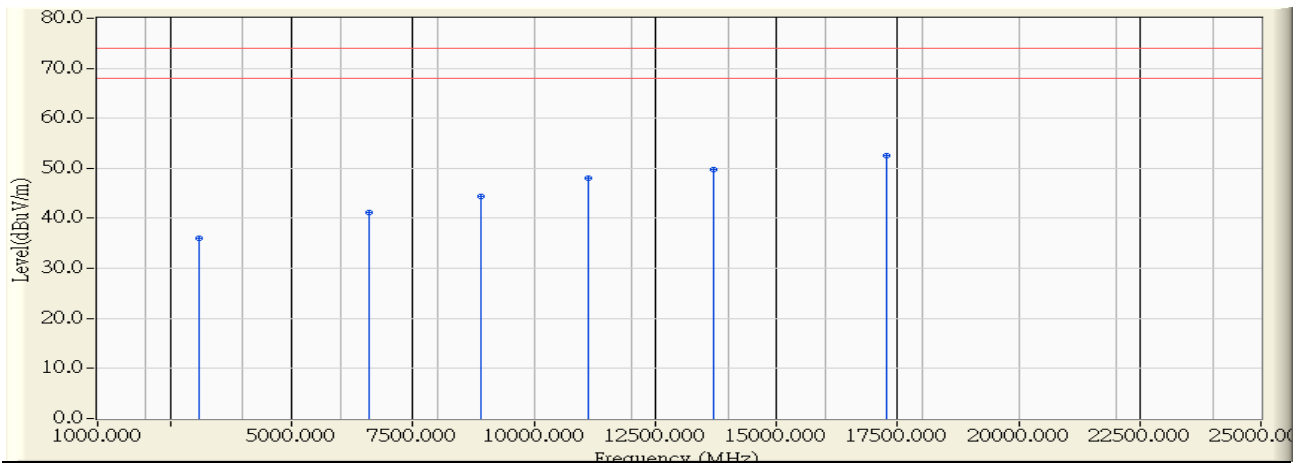


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2944.000	-4.091	41.494	37.404	-36.596	74.000	PEAK
2	5344.000	2.347	37.003	39.350	-34.650	74.000	PEAK
3	8584.000	7.033	37.217	44.251	-29.749	74.000	PEAK
4	10840.000	11.755	36.048	47.803	-26.197	74.000	PEAK
5	13480.000	14.188	35.681	49.869	-24.131	74.000	PEAK
6	* 17272.000	15.890	35.033	50.924	-23.076	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2011/11/11 - 14:36
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5785MHz,802.11n(20M)

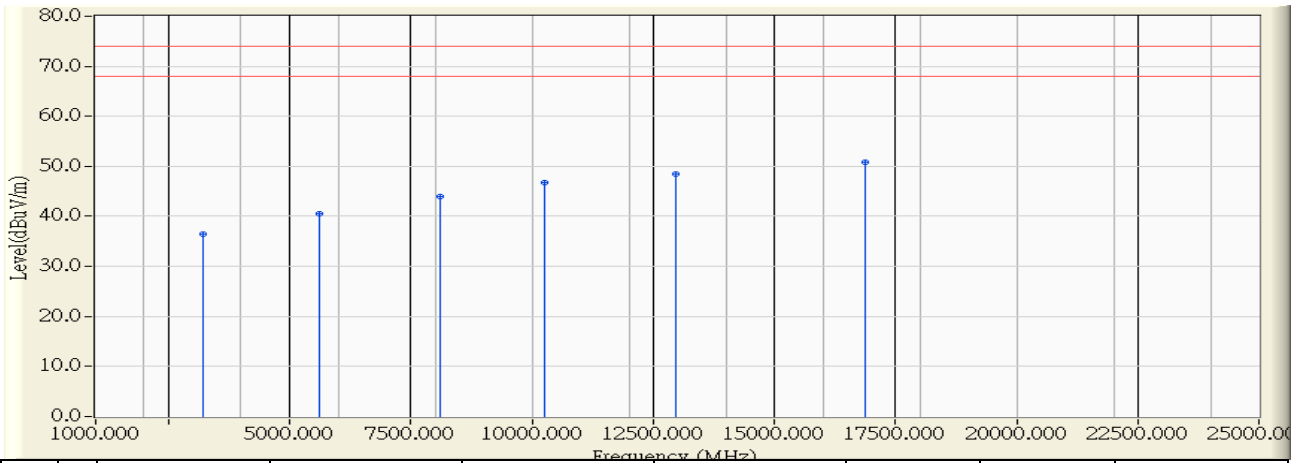


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	3088.000	-4.202	40.174	35.972	-38.028	74.000	PEAK
2	6592.000	3.948	37.185	41.132	-32.868	74.000	PEAK
3	8920.000	7.153	37.259	44.412	-29.588	74.000	PEAK
4	11128.000	12.314	35.783	48.097	-25.903	74.000	PEAK
5	13720.000	15.098	34.710	49.808	-24.192	74.000	PEAK
6	* 17272.000	15.890	36.644	52.535	-21.465	74.000	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2011/11/11 - 14:35
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5785MHz,802.11n(20M)

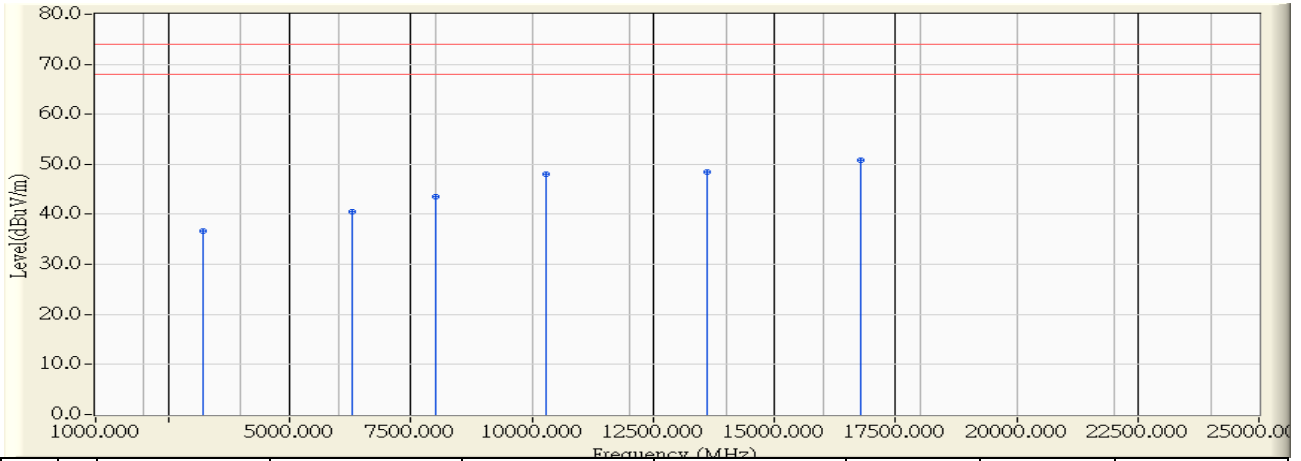


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	3208.000	-4.149	40.672	36.523	-37.477	74.000	PEAK
2	5608.000	3.186	37.428	40.614	-33.386	74.000	PEAK
3	8104.000	7.041	36.939	43.980	-30.020	74.000	PEAK
4	10264.000	11.059	35.656	46.715	-27.285	74.000	PEAK
5	12976.000	12.665	35.820	48.485	-25.515	74.000	PEAK
6	* 16864.000	14.392	36.471	50.863	-23.137	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2011/11/11 - 14:39
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5825MHz,802.11n(20M)

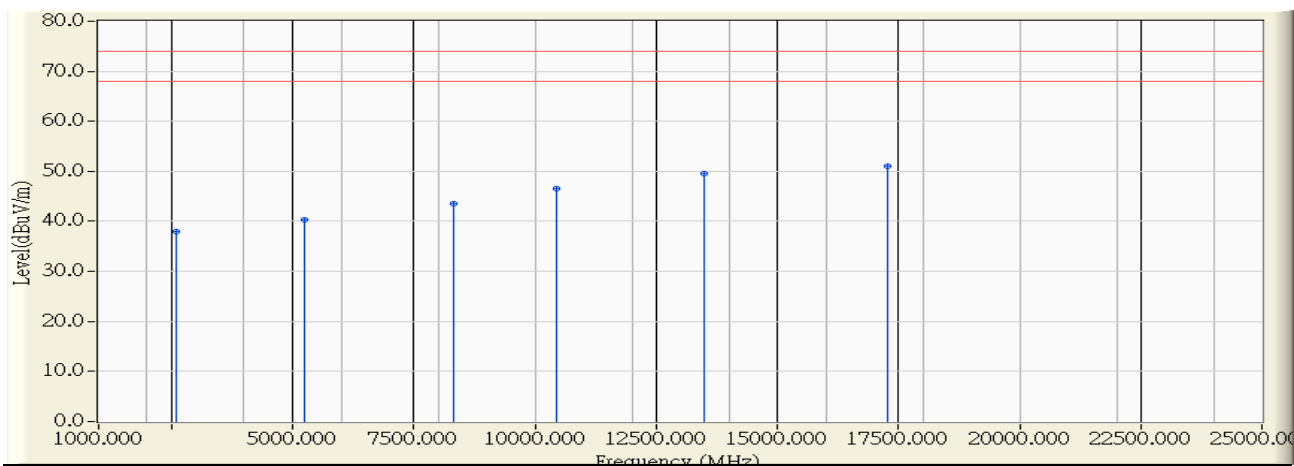


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	3208.000	-4.149	40.889	36.740	-37.260	74.000	PEAK
2	6280.000	2.882	37.574	40.456	-33.544	74.000	PEAK
3	8008.000	7.053	36.529	43.581	-30.419	74.000	PEAK
4	10288.000	10.993	37.128	48.121	-25.879	74.000	PEAK
5	13600.000	14.643	33.891	48.534	-25.466	74.000	PEAK
6	* 16792.000	14.181	36.713	50.894	-23.106	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2011/11/11 - 14:38
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5825MHz,802.11n(20M)

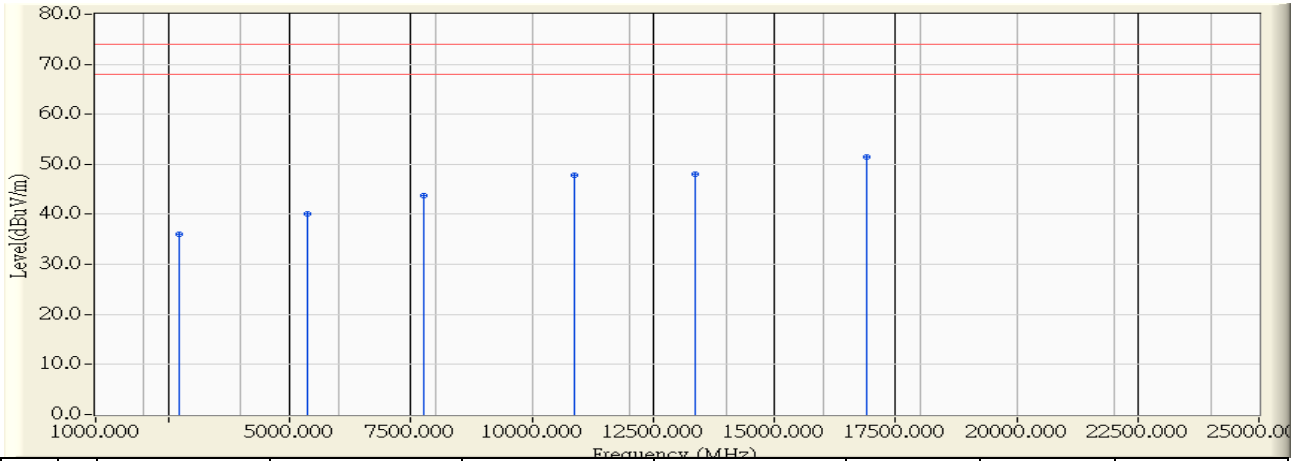


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2608.000	-3.207	41.195	37.988	-36.012	74.000	PEAK
2	5248.000	1.596	38.673	40.269	-33.731	74.000	PEAK
3	8320.000	7.015	36.592	43.607	-30.393	74.000	PEAK
4	10432.000	10.595	35.868	46.463	-27.537	74.000	PEAK
5	13480.000	14.188	35.423	49.611	-24.389	74.000	PEAK
6	* 17272.000	15.890	35.145	51.036	-22.964	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2011/11/11 - 14:41
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5755MHz,802.11n(40M)

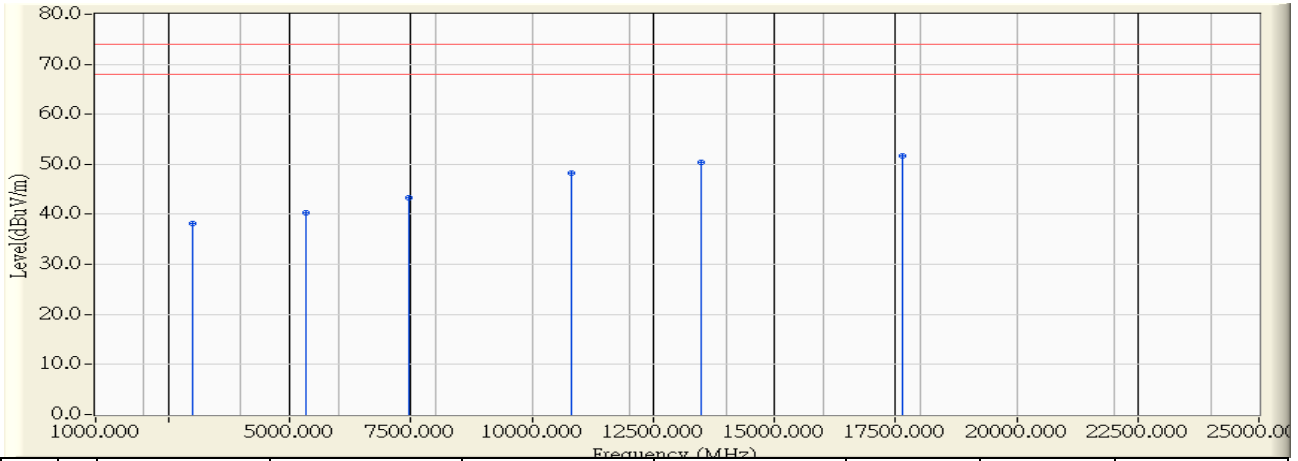


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2728.000	-3.522	39.593	36.071	-37.929	74.000	PEAK
2	5368.000	2.534	37.492	40.026	-33.974	74.000	PEAK
3	7768.000	6.626	37.177	43.803	-30.197	74.000	PEAK
4	10864.000	11.850	36.049	47.898	-26.102	74.000	PEAK
5	13384.000	13.896	34.043	47.939	-26.061	74.000	PEAK
6	* 16912.000	14.532	36.875	51.407	-22.593	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2011/11/11 - 14:40
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5755MHz,802.11n(40M)

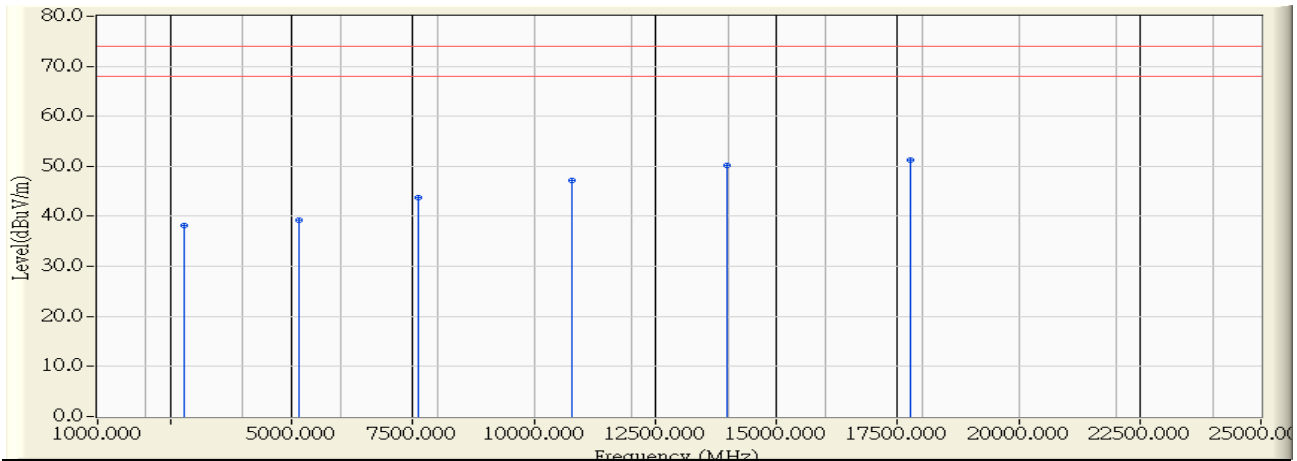


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2992.000	-4.216	42.327	38.111	-35.889	74.000	PEAK
2	5344.000	2.347	37.872	40.219	-33.781	74.000	PEAK
3	7456.000	6.027	37.228	43.255	-30.745	74.000	PEAK
4	10816.000	11.661	36.577	48.238	-25.762	74.000	PEAK
5	13504.000	14.273	36.138	50.411	-23.589	74.000	PEAK
6	* 17632.000	18.233	33.425	51.658	-22.342	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2011/11/11 - 14:44
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5795MHz,802.11n(40M)



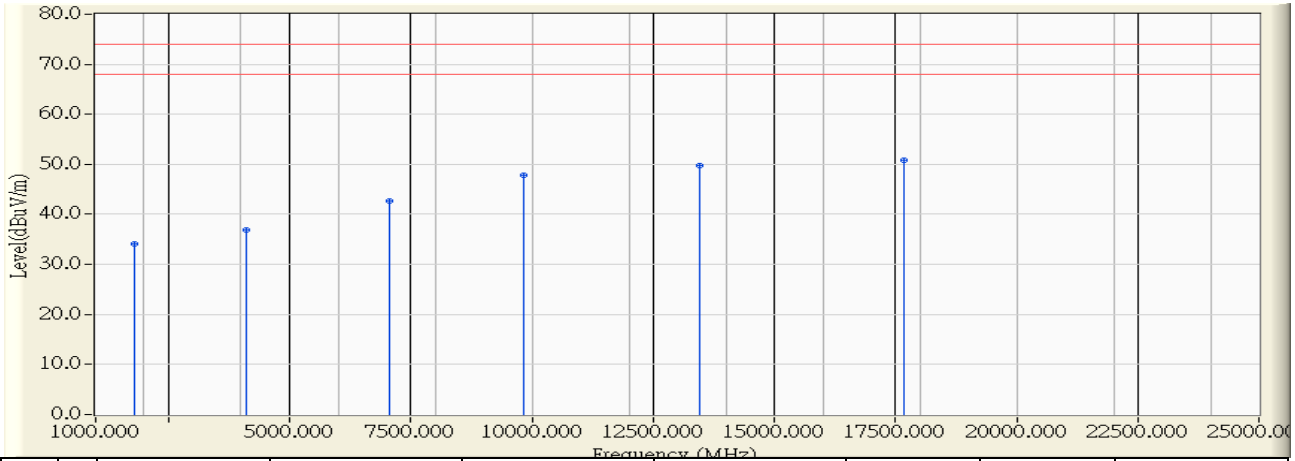
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2800.000	-3.712	41.792	38.080	-35.920	74.000	PEAK
2	5152.000	0.847	38.304	39.150	-34.850	74.000	PEAK
3	7600.000	6.317	37.460	43.777	-30.223	74.000	PEAK
4	10792.000	11.567	35.651	47.218	-26.782	74.000	PEAK
5	13984.000	16.100	34.065	50.165	-23.835	74.000	PEAK
6	* 17776.000	19.773	31.594	51.367	-22.633	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.



Site : CB1	Time : 2011/11/11 - 14:43
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT :Dark Knight Double 450Mbps Dual N Band Router	Note : Mode 1: Receive-5795MHz,802.11n(40M)



	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	1792.000	-8.381	42.509	34.128	-39.872	74.000	PEAK
2	4096.000	-2.380	39.188	36.808	-37.192	74.000	PEAK
3	7072.000	5.101	37.639	42.740	-31.260	74.000	PEAK
4	9832.000	10.565	37.276	47.840	-26.160	74.000	PEAK
5	13456.000	14.115	35.659	49.774	-24.226	74.000	PEAK
6	* 17680.000	18.747	32.001	50.748	-23.252	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.