



## Test Report

Product Name : Dark Knight Double 450Mbps Dual N Band Router  
Model No. : RT-N66U  
FCC ID. : MSQ-RTN66U

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-RFUSP42V01

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-RFUSP42V01



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. : MSQ-RTN66U  
 EUT Voltage : AC 100-240V, 50-60Hz  
 Trade Name : ASUS  
 Applicable Standard : FCC CFR Title 47 Part 15 Subpart C Section 15.247:2010  
 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 )

## TABLE OF CONTENTS

Description	Page
1. General Information.....	5
1.1. EUT Description .....	5
1.2. Operational Description.....	10
1.3. Test Mode .....	11
1.4. Tested System Details.....	12
1.5. Configuration of tested System .....	13
1.6. EUT Exercise Software .....	13
1.7. Test Facility.....	14
2. Conducted Emission .....	16
2.1. Test Equipment.....	16
2.2. Test Setup .....	16
2.3. Limits .....	17
2.4. Test Procedure .....	17
2.5. Test Specification.....	17
2.6. Uncertainty .....	17
2.7. Test Result.....	18
2.8. Test Photo .....	22
3. Peak Power Output .....	23
3.1. Test Equipment.....	23
3.2. Test Setup .....	23
3.3. Test procedures.....	23
3.4. Limits .....	23
3.5. Test Specification.....	23
3.6. Uncertainty .....	23
3.7. Test Result.....	24
4. Radiated Emission .....	43
4.1. Test Equipment.....	43
4.2. Test Setup .....	43
4.3. Limits .....	44
4.4. Test Procedure .....	44
4.5. Test Specification.....	44
4.6. Uncertainty .....	44
4.7. Test Result.....	45
4.8. Test Photo .....	111

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5.	RF antenna conducted test .....	113
5.1.	Test Equipment.....	113
5.2.	Test Setup .....	113
5.3.	Limits .....	114
5.4.	Test Procedure .....	114
5.5.	Test Specification.....	114
5.6.	Uncertainty .....	114
5.7.	Test Result.....	115
6.	Radiated Emission Band Edge.....	160
6.1.	Test Equipment.....	160
6.2.	Test Setup .....	160
6.3.	Limits .....	161
6.4.	Test Procedure .....	161
6.5.	Test Specification.....	161
6.6.	Uncertainty .....	161
6.7.	Test Result.....	162
7.	Occupied Bandwidth .....	194
7.1.	Test Equipment.....	194
7.2.	Test Setup .....	194
7.3.	Test Procedures .....	194
7.4.	Limits .....	194
7.5.	Test Specification.....	194
7.6.	Uncertainty .....	194
7.7.	Test Result.....	195
8.	Power Density .....	237
8.1.	Test Equipment.....	237
8.2.	Test Setup .....	237
8.3.	Limits .....	237
8.4.	Test Procedures .....	237
8.5.	Test Specification.....	237
8.6.	Uncertainty .....	237
8.7.	Test Result.....	238
Attachement.....		284
	EUT Photograph.....	284

## 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) _5.8GHz	5745~5825MHz
Frequency Range- IEEE 802.11n (40MHz) _5.8GHz	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) _5.8GHz	5
Channel Number - IEEE 802.11n (40MHz) _5.8GHz	2
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>BPSC</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 & 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 & IEEE 802.11n (20MHz) - 5.8GHz

Working Frequency of Each Channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
149	5745 MHz	153	5765 MHz	157	5785 MHz	161	5805 MHz
165	5825 MHz						

IEEE 802.11n (40MHz) - 5.8GHz

Working Frequency of Each Channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
151	5755 MHz	159	5795 MHz				

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 test results on a sample of the device are for the purpose of demonstrating Compliance with Part 15 Subpart C Paragraph 15.247.
3. Regards to the frequency band operation; the lowest 、middle and highest frequency of channel were selected to perform the test, and then shown on this report.
4. The function of the 5.2GHz transmitting is measured and makes a test report of the report number: 116286R-RFUSP46V01.
5. This device is a composite device in accordance with Part 15 regulations. The receiving function receiving was tested and its test report number is 116286R-RFUSP37V02 under Declaration of Conformity.



**1.3. 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.

TX	Mode 1: Transmit
----	------------------

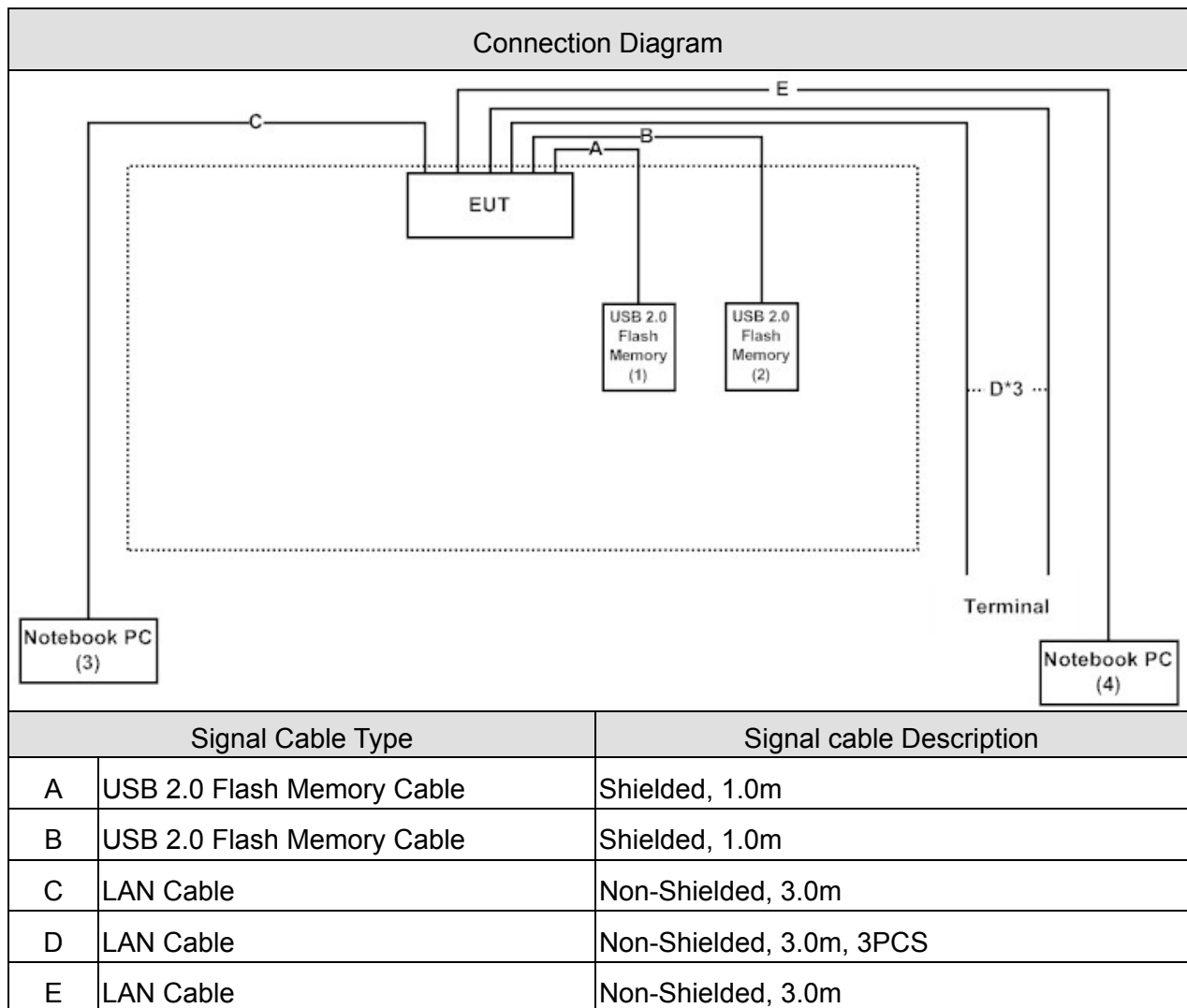
Test Items	Mode	Channel	Antenna	Result
Conducted Emission	11n(40MHz)	6/ 151	0+1+2	Complies
Peak Power Output	a	149/ 157/ 165	1	Complies
	b/g	1/ 6/ 11	1	Complies
	11n(20MHz)	1/ 6/ 11/ 149/ 157/ 165	0+1+2	Complies
	11n(40MHz)	3/ 6/ 9/ 151/ 159	0+1+2	Complies
Radiated Emission	a	149/ 157/ 165	1	Complies
	b/g	1/ 6/ 11	1	Complies
	11n(20MHz)	1/ 6/ 11/ 149/ 157/ 165	0+1+2	Complies
	11n(40MHz)	3/ 6/ 9/ 151/ 159	0+1+2	Complies
RF antenna conducted test	a	149/ 165	1	Complies
	b/g	1/ 11	1	Complies
	11n(20MHz)	1/ 11/ 149/ 165	0/1/2	Complies
	11n(40MHz)	3/ 9/ 151/ 159	0/1/2	Complies
Radiated Emission Band Edge	b/g	1/ 11	1	Complies
	11n(20MHz)	1/ 11	0+1+2	Complies
	11n(40MHz)	3/ 9	0+1+2	Complies
Occupied Bandwidth	a	149/ 157/ 165	1	Complies
	b/g	1/ 6/ 11	1	Complies
	11n(20MHz)	1/ 6/ 11/ 149/ 157/ 165	0/1/2	Complies
	11n(40MHz)	3/ 6/ 9/ 151/ 159	0/1/2	Complies
Power Density	a	149/ 157/ 165	1	Complies
	b/g	1/ 6/ 11	1	Complies
	11n(20MHz)	1/ 6/ 11/ 149/ 157/ 165	0+1+2	Complies
	11n(40MHz)	3/ 6/ 9/ 151/ 159	0+1+2	Complies

**1.4. Tested System Details**

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

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

### 1.5. Configuration of tested System



### 1.6. EUT Exercise Software

1	Setup the EUT as shown in Section 1.5.
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 TX" to start the continuous transmitting.
5	Verify that the EUT works properly.

**1.7. Test Facility**

Ambient conditions in the laboratory:

Items	Test Item	Required (IEC 68-1)	Actual
Temperature (°C)	FCC PART 15 C 15.207 Conducted Emission	15 - 35	20
Humidity (%RH)		25 - 75	50
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Peak Power Output (DSSS)	15 - 35	
Humidity (%RH)		25 - 75	
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Radiated Emission (DSSS)	15 - 35	25
Humidity (%RH)		25 - 75	65
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 RF antenna conducted test (DSSS)	15 - 35	
Humidity (%RH)		25 - 75	
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Band Edge (DSSS)	15 - 35	25
Humidity (%RH)		25 - 75	48
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Occupied Bandwidth (DSSS)	15 - 35	
Humidity (%RH)		25 - 75	
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Power Density (DSSS)	15 - 35	
Humidity (%RH)		25 - 75	
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

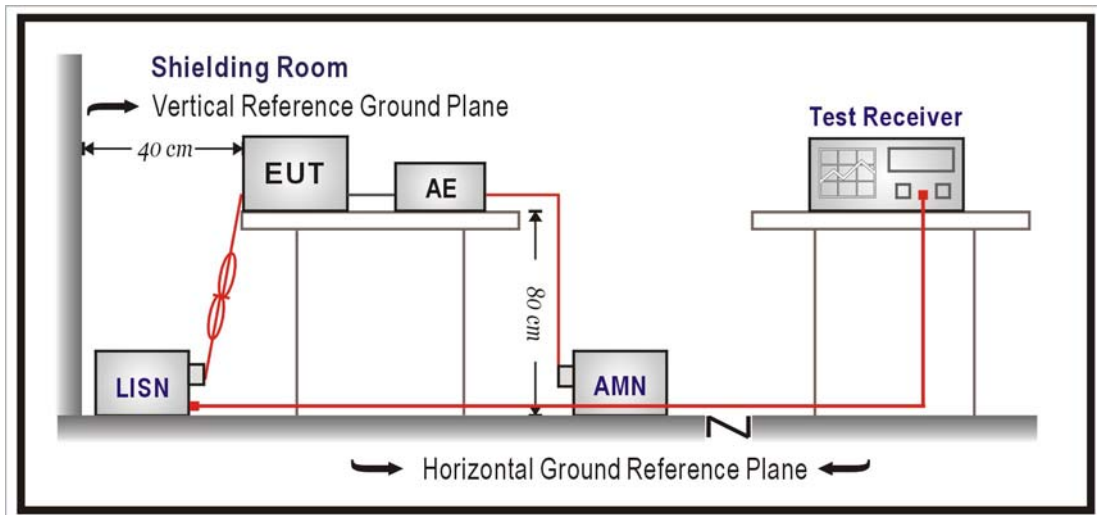
The following test equipments are used during the test:

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 C Paragraph 15.207 Limits (dBuV)</b>		
Frequency MHz	QP	AV
0.15 - 0.50	66-56	56-46
0.50 - 5.0	56	46
5.0 - 30	60	50

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

**2.4. Test Procedure**

The EUT was setup according to ANSI C63.4: 2009 and tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements. The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface. The EUT and simulators are connected to the main power through a line impedance stabilization network (LISN). The LISN provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs.) Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source. The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length. Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.

**2.5. Test Specification**

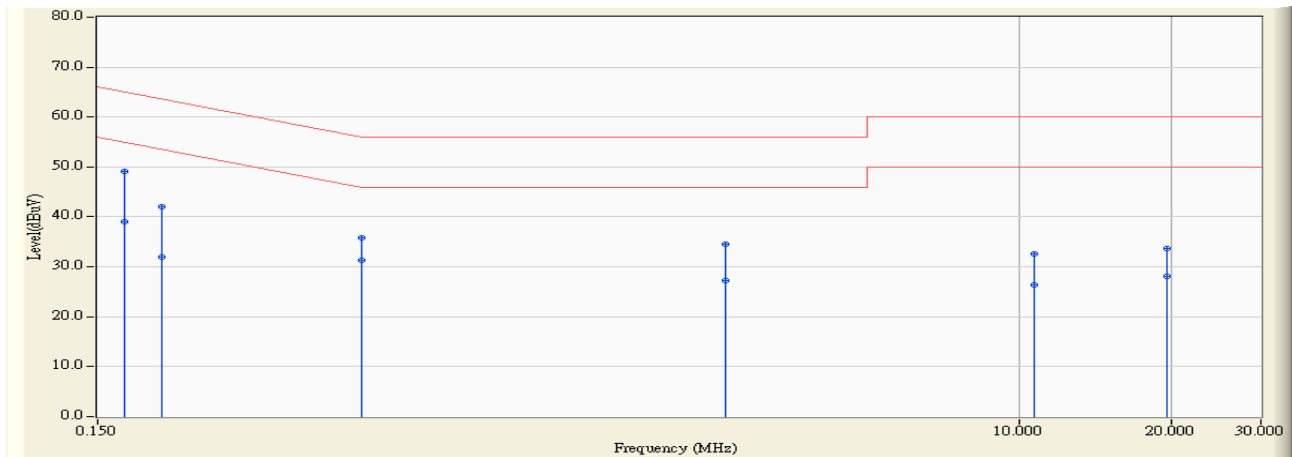
According to FCC Part 15 Subpart C Paragraph 15.207: 2010

**2.6. Uncertainty**

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

## 2.7. Test Result

Site : SR3	Time : 2011/11/12 - 13:38
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 : TX-2437MHz,802.11n(40M)



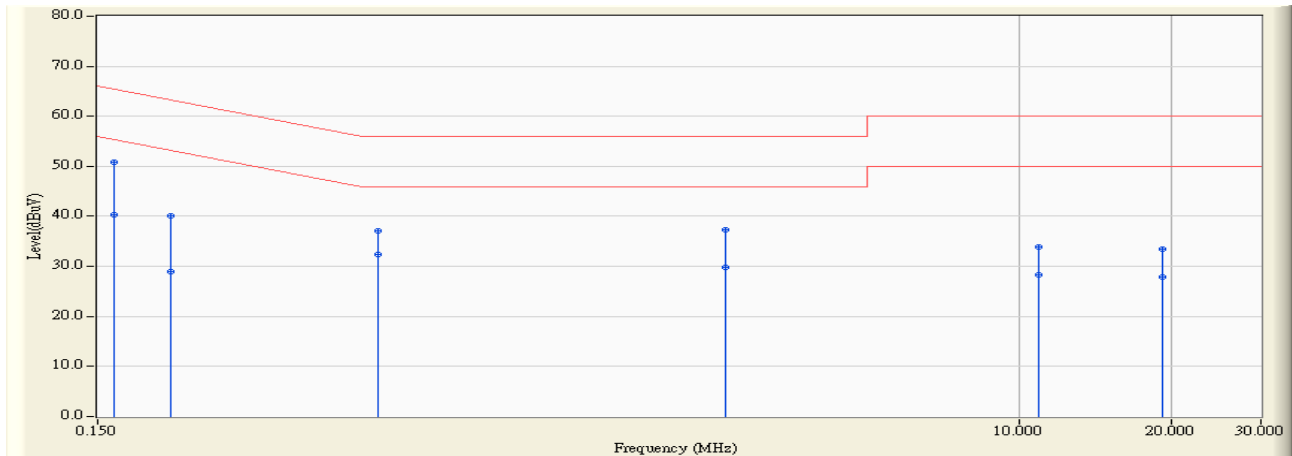
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	0.170	9.656	39.540	49.196	-15.788	64.983	QUASPEAK
2	0.170	9.656	29.290	38.946	-16.038	54.983	AVERAGE
3	0.201	9.658	32.310	41.968	-21.610	63.578	QUASPEAK
4	0.201	9.658	22.370	32.028	-21.550	53.578	AVERAGE
5	0.498	9.701	26.220	35.921	-20.118	56.039	QUASPEAK
6	*	9.701	21.640	31.341	-14.698	46.039	AVERAGE
7	2.623	9.956	24.540	34.496	-21.504	56.000	QUASPEAK
8	2.623	9.956	17.220	27.176	-18.824	46.000	AVERAGE
9	10.709	10.149	22.450	32.598	-27.402	60.000	QUASPEAK
10	10.709	10.149	16.320	26.468	-23.532	50.000	AVERAGE
11	19.572	10.297	23.280	33.577	-26.423	60.000	QUASPEAK
12	19.572	10.297	17.850	28.147	-21.853	50.000	AVERAGE

**Note:**

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 - 13:40
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 : TX-2437MHz,802.11n(40M)

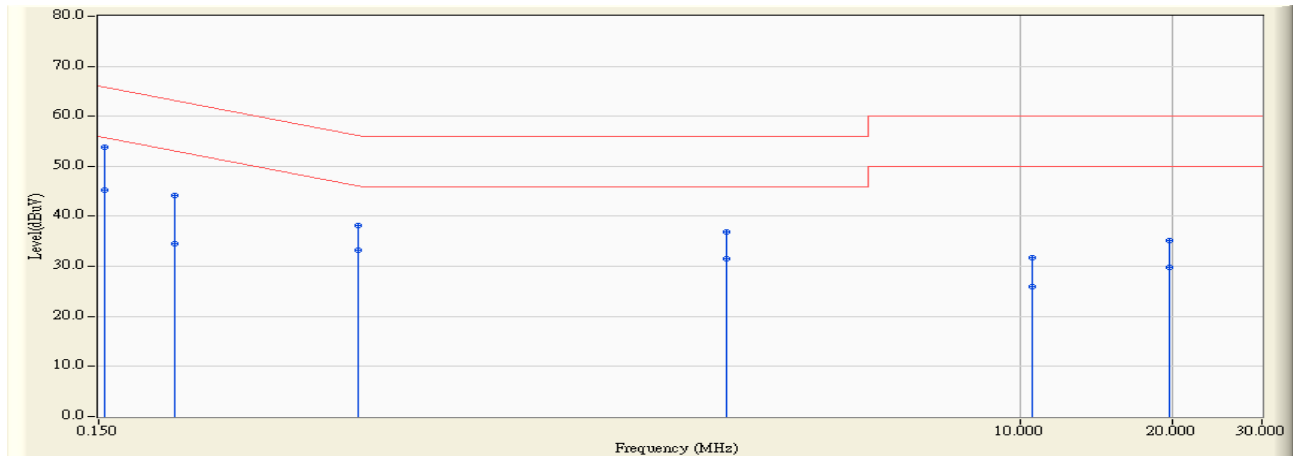


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	0.162	9.666	41.250	50.915	-14.460	65.375	QUASPEAK
2	0.162	9.666	30.600	40.265	-15.110	55.375	AVERAGE
3	0.209	9.668	30.350	40.019	-23.243	63.261	QUASPEAK
4	0.209	9.668	19.230	28.899	-24.363	53.261	AVERAGE
5	0.537	9.715	27.330	37.045	-18.955	56.000	QUASPEAK
6	* 0.537	9.715	22.650	32.365	-13.635	46.000	AVERAGE
7	2.619	9.962	27.290	37.252	-18.748	56.000	QUASPEAK
8	2.619	9.962	19.840	29.802	-16.198	46.000	AVERAGE
9	10.920	10.223	23.560	33.783	-26.217	60.000	QUASPEAK
10	10.920	10.223	18.000	28.223	-21.777	50.000	AVERAGE
11	19.107	10.485	22.920	33.405	-26.595	60.000	QUASPEAK
12	19.107	10.485	17.320	27.805	-22.195	50.000	AVERAGE

Note:

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 - 13:07
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 : TX-5755MHz,802.11n(40M)

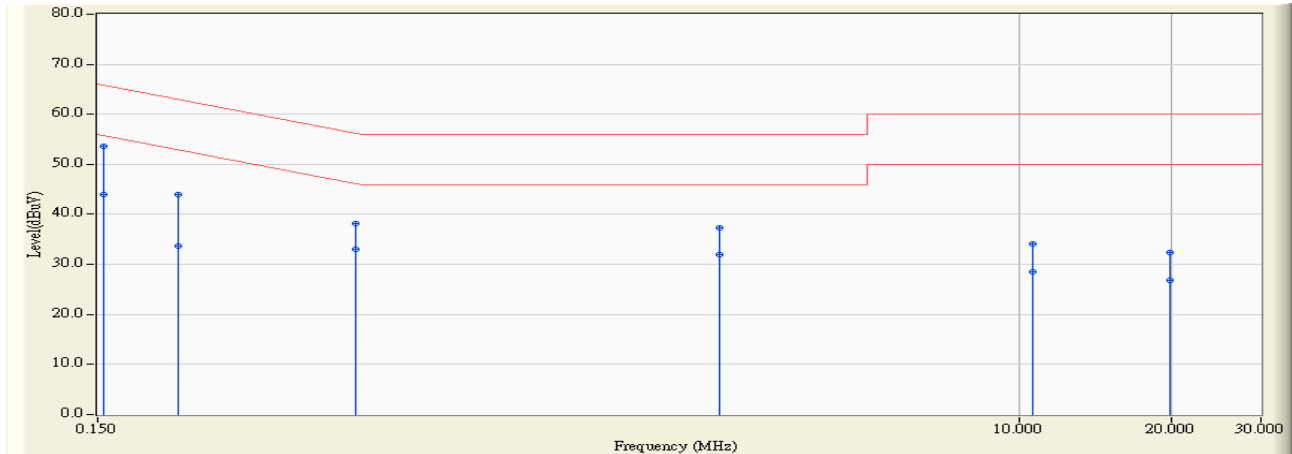


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	0.154	9.655	44.260	53.915	-11.872	65.786	QUASPEAK
2	* 0.154	9.655	35.510	45.165	-10.622	55.786	AVERAGE
3	0.212	9.659	34.600	44.259	-18.848	63.107	QUASPEAK
4	0.212	9.659	24.920	34.579	-18.528	53.107	AVERAGE
5	0.490	9.700	28.540	38.240	-17.931	56.170	QUASPEAK
6	0.490	9.700	23.650	33.350	-12.821	46.170	AVERAGE
7	2.619	9.956	26.990	36.946	-19.054	56.000	QUASPEAK
8	2.619	9.956	21.640	31.596	-14.404	46.000	AVERAGE
9	10.529	10.144	21.630	31.774	-28.226	60.000	QUASPEAK
10	10.529	10.144	15.900	26.044	-23.956	50.000	AVERAGE
11	19.709	10.298	24.970	35.268	-24.732	60.000	QUASPEAK
12	19.709	10.298	19.540	29.838	-20.162	50.000	AVERAGE

**Note:**

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 - 13:10
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 : TX-5755MHz,802.11n(40M)



	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	0.154	9.665	43.850	53.515	-12.272	65.786	QUASPEAK
2	* 0.154	9.665	34.250	43.915	-11.872	55.786	AVERAGE
3	0.216	9.669	34.380	44.049	-18.906	62.956	QUASPEAK
4	0.216	9.669	23.960	33.629	-19.326	52.956	AVERAGE
5	0.486	9.708	28.500	38.208	-18.029	56.237	QUASPEAK
6	0.486	9.708	23.340	33.048	-13.189	46.237	AVERAGE
7	2.548	9.958	27.400	37.358	-18.642	56.000	QUASPEAK
8	2.548	9.958	21.990	31.948	-14.052	46.000	AVERAGE
9	10.646	10.213	23.990	34.203	-25.797	60.000	QUASPEAK
10	10.646	10.213	18.290	28.503	-21.497	50.000	AVERAGE
11	19.834	10.506	21.890	32.395	-27.605	60.000	QUASPEAK
12	19.834	10.506	16.220	26.725	-23.275	50.000	AVERAGE

**Note:**

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. Peak Power Output**

**3.1. Test Equipment**

The following test equipments are used during the test:

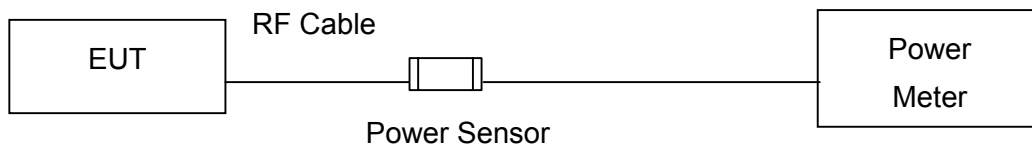
**Peak Power Output / SR7**

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Power Meter	Agilent	N1911A	MY45101353	2012/01/04
Power Sensor	Agilent	N1921A	MY45241670	2012/01/04

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

**3.2. Test Setup**

IEEE 802.11 b / g / n ( 20M / 40M ) MODE



**3.3. Test procedures**

The EUT was tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

**3.4. Limits**

The maximum peak power shall be less 1 Watt.

**3.5. Test Specification**

According to FCC Part 15 Subpart C Paragraph 15.207: 2010

**3.6. Uncertainty**

The measurement uncertainty is defined as  $\pm 1.27$  dB.

**3.7. Test Result**

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/07	Test Site	SR7

IEEE 802.11b				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	24.01	1Watt= 30 dBm	Pass
6	2437	24.74	1Watt= 30 dBm	Pass
11	2462	22.13	1Watt= 30 dBm	Pass

The worst emission of data rate is 1Mbps.

Peak Power Output Value (dBm)						
Channel No.	Frequency (MHz)	Data Rate				Required Limit
		1	2	5.5	11	
1	2412.00	24.01	--	--	-	30 dBm
6	2437.00	24.74	24.69	24.65	24.61	30 dBm
11	2462.00	22.13	--	--	-	30 dBm

Note: Measure Level =Reading value + cable loss

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/07	Test Site	SR7

IEEE 802.11g				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	26.27	1Watt= 30 dBm	Pass
6	2437	26.28	1Watt= 30 dBm	Pass
11	2462	26.09	1Watt= 30 dBm	Pass

The worst emission of data rate is 6Mbps.

Peak Power Output Value(dBm)									
Channel No.	Frequency (MHz)	Data Rate (Mbps)							Required Limit
		6	12	18	24	36	48	54	
1	2412.00	26.27	--	--	-	--	--	-	30 dBm
6	2437.00	26.28	26.24	26.21	26.19	26.15	26.12	26.08	30 dBm
11	2462.00	26.09	--	--	-	--	--	-	30 dBm

Note: Measure Level =Reading value + cable loss

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/07	Test Site	SR7

IEEE 802.11n 20MHz (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	24.55	1Watt= 30 dBm	Pass
6	2437	25.02	1Watt= 30 dBm	Pass
11	2462	24.79	1Watt= 30 dBm	Pass

The worst emission of data rate is 19.5 Mbps.

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		19.5	39	58.5	78	117	156	175.5	195	
1	2412	24.55	--	--	-	--	--	-	--	30dBm
6	2437	25.02	24.91	24.84	24.83	24.81	24.79	24.78	24.67	30dBm
11	2462	24.79	--	--	-	--	--	-	--	30dBm

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/07	Test Site	SR7

IEEE 802.11n 20MHz (ANT 1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	25.56	1Watt= 30 dBm	Pass
6	2437	25.12	1Watt= 30 dBm	Pass
11	2462	23.87	1Watt= 30 dBm	Pass

The worst emission of data rate is 19.5 Mbps.

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		19.5	39	58.5	78	117	156	175.5	195	
1	2412	25.56	--	--	-	--	--	-	--	30dBm
6	2437	25.12	25.05	24.98	24.95	24.94	24.90	24.86	24.82	30dBm
11	2462	23.87	--	--	-	--	--	-	--	30dBm



Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/07	Test Site	SR7

IEEE 802.11n 20MHz (ANT 2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	25.49	1Watt= 30 dBm	Pass
6	2437	24.91	1Watt= 30 dBm	Pass
11	2462	22.61	1Watt= 30 dBm	Pass

The worst emission of data rate is 19.5 Mbps.

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		19.5	39	58.5	78	117	156	175.5	195	
1	2412	25.49	--	--	-	--	--	-	--	30dBm
6	2437	24.91	24.89	24.86	24.83	24.80	24.75	24.73	24.71	30dBm
11	2462	22.61	--	--	-	--	--	-	--	30dBm

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/07	Test Site	SR7

IEEE 802.11n 20MHz (ANT 0+1+2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	29.99	1Watt= 30 dBm	Pass
6	2437	29.79	1Watt= 30 dBm	Pass
11	2462	28.62	1Watt= 30 dBm	Pass

The worst emission of data rate is 19.5 Mbps.

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		19.5	39	58.5	78	117	156	175.5	195	
1	2412	29.99	--	--	-	--	--	-	--	30dBm
6	2437	29.79	29.72	29.66	29.64	29.62	29.59	29.56	29.51	30dBm
11	2462	28.62	--	--	-	--	--	-	--	30dBm

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/07	Test Site	SR7

IEEE802.11n 40MHz (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	24.88	1Watt= 30 dBm	Pass
6	2437	24.73	1Watt= 30 dBm	Pass
9	2452	23.66	1Watt= 30 dBm	Pass

The worst emission of data rate is 40.5Mbps

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		40.5	81.0	121.5	162.0	243.0	324.0	364.5	405.0	
3	2422	24.88	--	--	-	--	--	-	--	30dBm
6	2437	24.73	24.71	24.68	24.65	24.62	24.59	24.57	24.56	30dBm
9	2452	23.66	--	--	-	--	--	-	--	30dBm

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/07	Test Site	SR7

IEEE802.11n 40MHz (ANT 1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	24.76	1Watt= 30 dBm	Pass
6	2437	23.23	1Watt= 30 dBm	Pass
9	2452	22.55	1Watt= 30 dBm	Pass

The worst emission of data rate is 40.5Mbps

		Peak Power Output (dBm)								Required Limit
MCS Index		16	17	18	19	20	21	22	23	
Channel No	Frequency (MHz)	Data Rate								
		40.5	81.0	121.5	162.0	243.0	324.0	364.5	405.0	
3	2422	24.76	--	--	-	--	--	-	--	30dBm
6	2437	23.23	23.22	23.17	23.14	23.11	23.06	23.01	23.00	30dBm
9	2452	22.55	--	--	-	--	--	-	--	30dBm

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/07	Test Site	SR7

IEEE802.11n 40MHz (ANT 2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	23.25	1Watt= 30 dBm	Pass
6	2437	23.21	1Watt= 30 dBm	Pass
9	2452	22.37	1Watt= 30 dBm	Pass

The worst emission of data rate is 40.5Mbps

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		40.5	81.0	121.5	162.0	243.0	324.0	364.5	405.0	
3	2422	23.25	--	--	-	--	--	-	--	30dBm
6	2437	23.21	23.19	23.15	23.12	23.06	23.02	22.99	22.97	30dBm
9	2452	22.37	--	--	-	--	--	-	--	30dBm

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/07	Test Site	SR7

IEEE802.11n 40MHz (ANT 0+1+2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	29.13	1Watt= 30 dBm	Pass
6	2437	28.55	1Watt= 30 dBm	Pass
9	2452	27.67	1Watt= 30 dBm	Pass

The worst emission of data rate is 40.5Mbps

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		40.5	81.0	121.5	162.0	243.0	324.0	364.5	405.0	
3	2422	29.13	--	--	-	--	--	-	--	30dBm
6	2437	28.55	28.54	28.50	28.47	28.43	28.39	28.36	28.35	30dBm
9	2452	27.67	--	--	-	--	--	-	--	30dBm

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/16	Test Site	SR7

IEEE 802.11a				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	27.41	1Watt= 30 dBm	Pass
157	5785	27.43	1Watt= 30 dBm	Pass
165	5825	27.32	1Watt= 30 dBm	Pass

The worst emission of data rate is 6Mbps.

Peak Power Output Value(dBm)									
Channel No.	Frequency (MHz)	Data Rate (Mbps)							Required Limit
		6	12	18	24	36	48	54	
149	5745	27.41	--	--	--	--	--	--	1Watt= 30 dBm
157	5785	27.43	27.39	27.35	27.31	27.28	27.22	27.21	1Watt= 30 dBm
165	5825	27.32	--	--	--	--	--	--	1Watt= 30 dBm

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/16	Test Site	SR7

IEEE 802.11n 20MHz (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	24.45	1Watt= 30 dBm	Pass
157	5785	24.62	1Watt= 30 dBm	Pass
165	5825	24.43	1Watt= 30 dBm	Pass

The worst emission of data rate is 19.5 Mbps.

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		19.5	39	58.5	78	117	156	175.5	195	
149	5745	24.45	--	--	--	--	--	--	--	30dBm
157	5785	24.62	24.58	24.55	24.51	24.49	24.42	24.41	24.37	30dBm
165	5825	24.43	--	--	--	--	--	--	--	30dBm



Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/16	Test Site	SR7

IEEE 802.11n 20MHz (ANT 1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	23.91	1Watt= 30 dBm	Pass
157	5785	24.08	1Watt= 30 dBm	Pass
165	5825	24.70	1Watt= 30 dBm	Pass

The worst emission of data rate is 19.5 Mbps.

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		19.5	39	58.5	78	117	156	175.5	195	
149	5745	23.91	--	--	--	--	--	--	--	30dBm
157	5785	24.08	24.01	23.98	23.95	23.91	23.87	23.84	23.81	30dBm
165	5825	24.70	--	--	--	--	--	--	--	30dBm

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/16	Test Site	SR7

IEEE 802.11n 20MHz (ANT 2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	24.14	1Watt= 30 dBm	Pass
157	5785	24.20	1Watt= 30 dBm	Pass
165	5825	24.16	1Watt= 30 dBm	Pass

The worst emission of data rate is 19.5 Mbps.

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		19.5	39	58.5	78	117	156	175.5	195	
149	5745	24.14	--	--	--	--	--	--	--	30dBm
157	5785	24.20	24.15	24.12	24.08	24.07	24.04	24.01	23.39	30dBm
165	5825	24.16	--	--	--	--	--	--	--	30dBm

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/16	Test Site	SR7

IEEE 802.11n 20MHz (ANT 0+1+2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	28.94	1Watt= 30 dBm	Pass
157	5785	29.08	1Watt= 30 dBm	Pass
165	5825	29.21	1Watt= 30 dBm	Pass

The worst emission of data rate is 19.5 Mbps.

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		19.5	39	58.5	78	117	156	175.5	195	
149	5745	28.94	--	--	--	--	--	--	--	30dBm
157	5785	29.08	29.02	28.99	28.96	28.93	28.89	28.86	28.65	30dBm
165	5825	29.21	--	--	--	--	--	--	--	30dBm

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/16	Test Site	SR7

IEEE802.11n 40MHz(ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	25.21	1Watt= 30 dBm	Pass
159	5795	24.29	1Watt= 30 dBm	Pass

The worst emission of data rate is 40.5Mbps

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		40.5	81.0	121.5	162.0	243.0	324.0	364.5	405.0	
151	5755	25.21	25.17	25.13	25.05	25.01	24.88	24.82	24.79	30dBm
159	5795	24.29	--	--	--	--	--	--	--	30dBm

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/16	Test Site	SR7

IEEE802.11n 40MHz(ANT 1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	24.69	1Watt= 30 dBm	Pass
159	5795	23.58	1Watt= 30 dBm	Pass

The worst emission of data rate is 40.5Mbps

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		40.5	81.0	121.5	162.0	243.0	324.0	364.5	405.0	
151	5755	24.69	24.65	24.61	24.54	24.52	24.47	24.42	24.41	30dBm
159	5795	23.58	--	--	--	--	--	--	--	30dBm

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/16	Test Site	SR7

IEEE802.11n 40MHz(ANT 2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	24.14	1Watt= 30 dBm	Pass
159	5795	23.30	1Watt= 30 dBm	Pass

The worst emission of data rate is 40.5Mbps

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		40.5	81.0	121.5	162.0	243.0	324.0	364.5	405.0	
151	5755	24.14	24.10	24.07	24.02	23.97	23.92	23.81	23.80	30dBm
159	5795	23.30	--	--	--	--	--	--	--	30dBm

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/16	Test Site	SR7

IEEE802.11n 40MHz(ANT 0+1+2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	29.47	1Watt= 30 dBm	Pass
159	5795	28.51	1Watt= 30 dBm	Pass

The worst emission of data rate is 40.5Mbps

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		40.5	81.0	121.5	162.0	243.0	324.0	364.5	405.0	
151	5755	29.47	29.43	29.43	29.43	29.43	29.43	29.43	29.43	30dBm
159	5795	28.51	--	--	--	--	--	--	--	30dBm

4. Radiated Emission

4.1. Test Equipment

The following test equipments are used during the test:

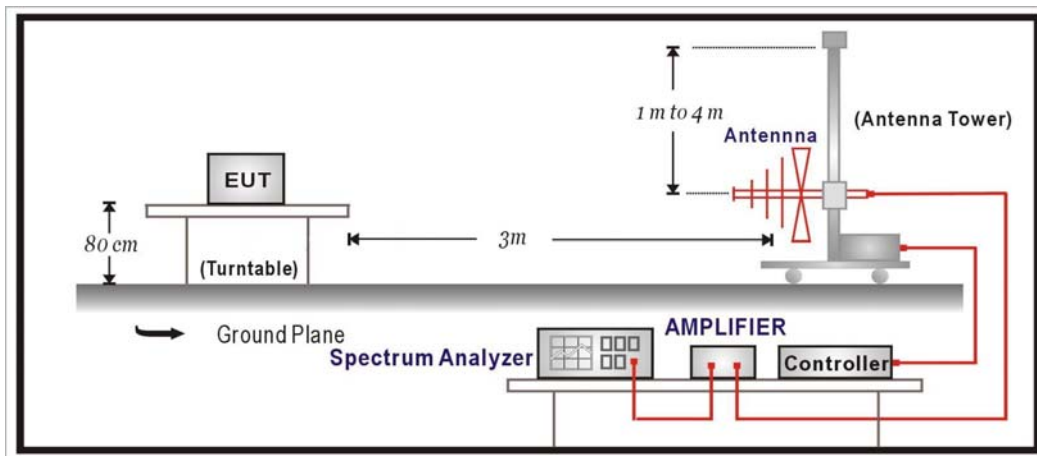
Radiated Emission / CB1

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

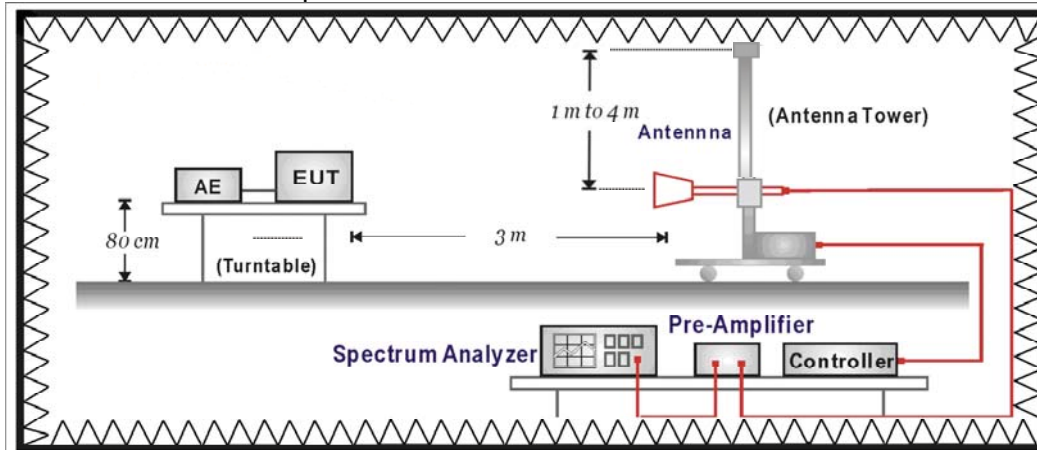
Note: 1. All equipments that need to calibrate are with calibration period of 1 year.

4.2. Test Setup

Under 1GHz Test Setup:



Above 1GHz Test Setup:





**4.3. Limits**

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 20dB below the level of the fundamental or to the general radiated emission limits in paragraph 15.209, whichever is the lesser attenuation.

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

Remarks: E field strength (dBuV/m) = 20 log E field strength (uV/m)

**4.4. Test Procedure**

The EUT was setup according to ANSI C63.4: 2009 and tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements. 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.

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.

On any frequency or frequencies below or equal to 1000 MHz, the limits shown are based on measuring equipment employing a 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. The bandwidth below 1GHz setting on the field strength meter is 120 kHz and above 1GHz is 1MHz.

**4.5. Test Specification**

According to FCC Part 15 Subpart C Paragraph 15.207: 2010

**4.6. Uncertainty**

The measurement uncertainty

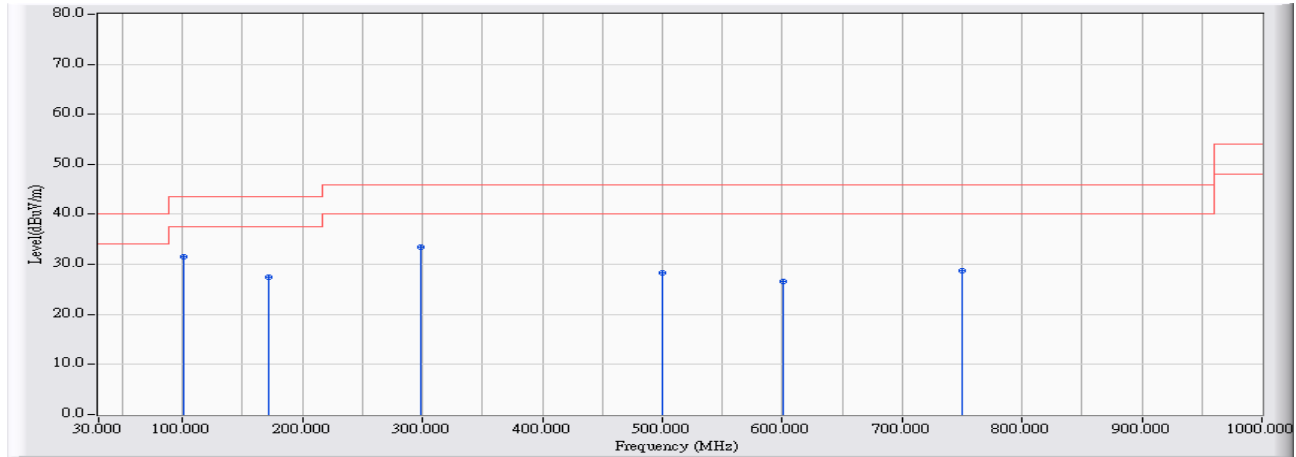
30MHz~1GHz as ±3.43dB

1GHz~26.5Ghz as ±3.65dB

4.7. Test Result

30MHz-1GHz Spurious

Site : CB1	Time : 2011/11/09 - 09:58
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 : TX-2437MHz,802.11b

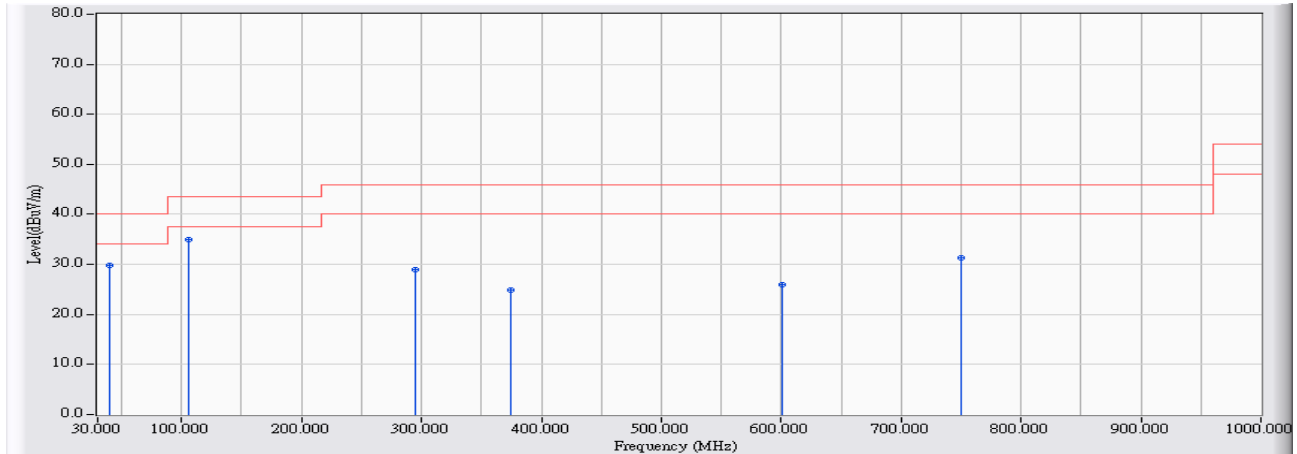


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	101.133	-13.425	44.896	31.471	-12.029	43.500	QUASPEAK
2		172.267	-14.414	41.850	27.437	-16.063	43.500	QUASPEAK
3		298.367	-10.299	43.687	33.388	-12.612	46.000	QUASPEAK
4		500.450	-5.372	33.785	28.414	-17.586	46.000	QUASPEAK
5		600.683	-4.326	30.903	26.576	-19.424	46.000	QUASPEAK
6		749.417	-3.297	31.933	28.637	-17.363	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 - 09:50
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 : TX-2437MHz,802.11b

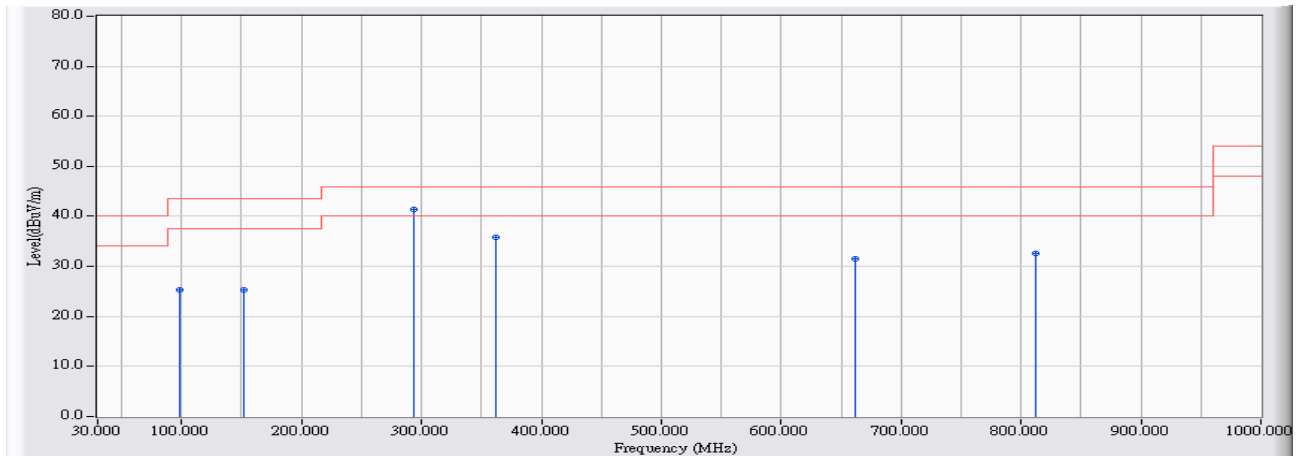


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	39.700	-12.268	41.997	29.729	-10.271	40.000	QUASPEAK
2	* 105.983	-13.004	47.939	34.935	-8.565	43.500	QUASPEAK
3	295.133	-10.350	39.267	28.917	-17.083	46.000	QUASPEAK
4	374.350	-8.111	33.051	24.940	-21.060	46.000	QUASPEAK
5	600.683	-4.326	30.357	26.030	-19.970	46.000	QUASPEAK
6	749.417	-3.297	34.584	31.288	-14.712	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 - 10:20
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 : TX-2437MHz,802.11g

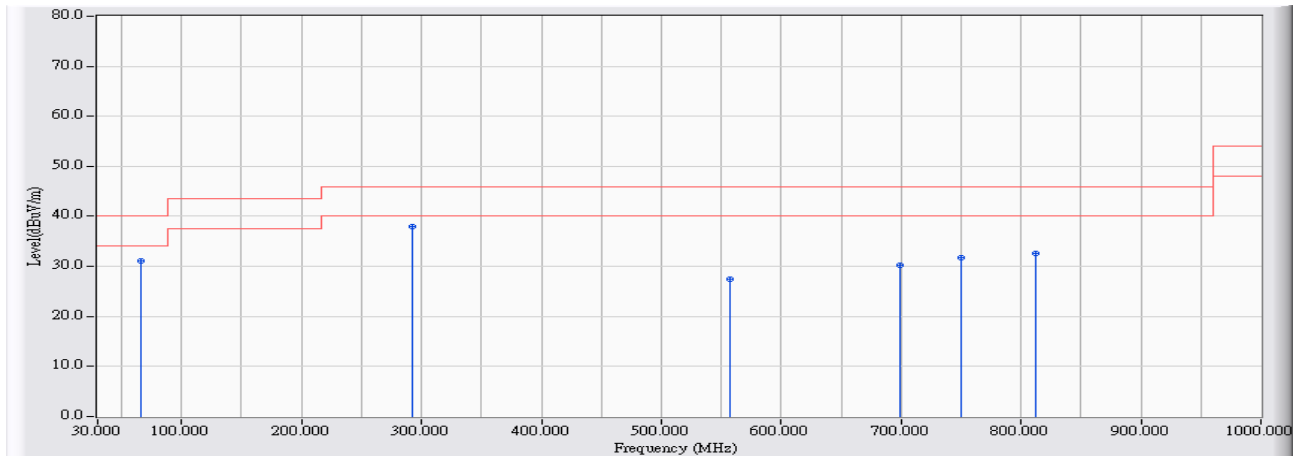


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	97.900	-13.974	39.276	25.302	-18.198	43.500	QUASPEAK
2	151.250	-13.510	38.814	25.304	-18.196	43.500	QUASPEAK
3	* 293.517	-10.375	51.670	41.294	-4.706	46.000	QUASPEAK
4	361.417	-8.484	44.393	35.909	-10.091	46.000	QUASPEAK
5	662.117	-4.048	35.514	31.466	-14.534	46.000	QUASPEAK
6	812.467	-2.568	35.215	32.647	-13.353	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 - 10:20
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 : TX-2437MHz,802.11g

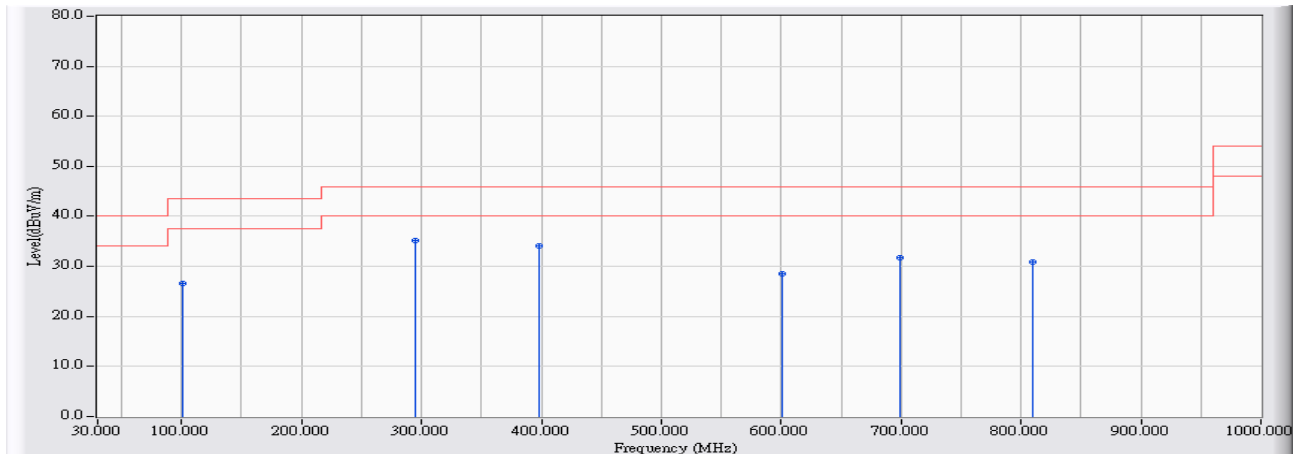


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	65.567	-17.772	48.808	31.036	-8.964	40.000	QUASPEAK
2	* 291.900	-10.401	48.412	38.011	-7.989	46.000	QUASPEAK
3	557.033	-4.673	32.218	27.545	-18.455	46.000	QUASPEAK
4	699.300	-3.939	34.189	30.250	-15.750	46.000	QUASPEAK
5	749.417	-3.297	34.988	31.692	-14.308	46.000	QUASPEAK
6	812.467	-2.568	35.145	32.577	-13.423	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 - 10:21
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 : TX-2437MHz,802.11n(20M)

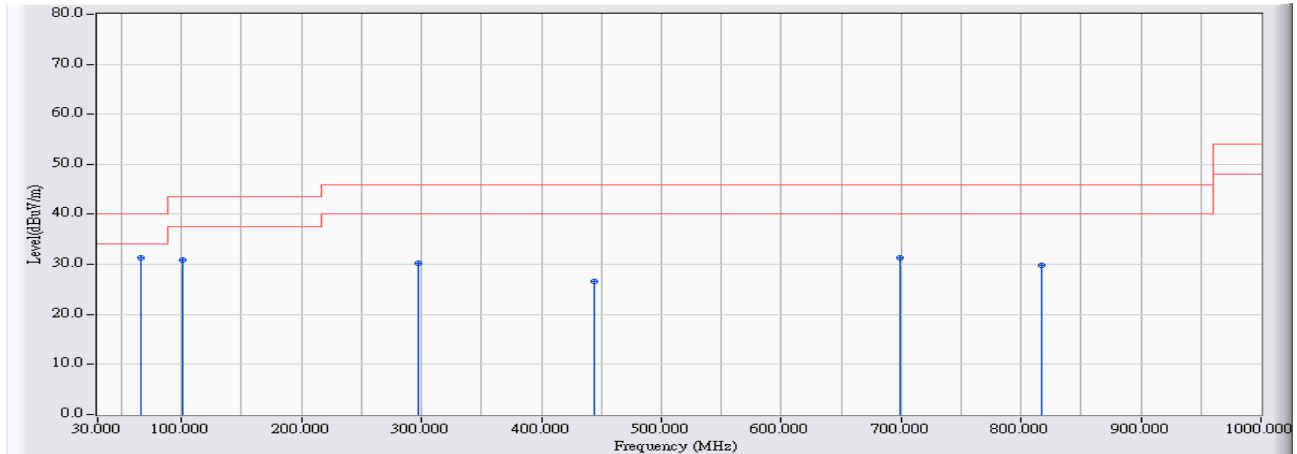


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	101.133	-13.425	40.066	26.641	-16.859	43.500	QUASPEAK
2	* 295.133	-10.350	45.523	35.173	-10.827	46.000	QUASPEAK
3	398.600	-7.411	41.494	34.084	-11.916	46.000	QUASPEAK
4	600.683	-4.326	32.862	28.535	-17.465	46.000	QUASPEAK
5	699.300	-3.939	35.746	31.807	-14.193	46.000	QUASPEAK
6	809.233	-2.590	33.477	30.888	-15.112	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 - 10:21
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 : TX-2437MHz,802.11n(20M)

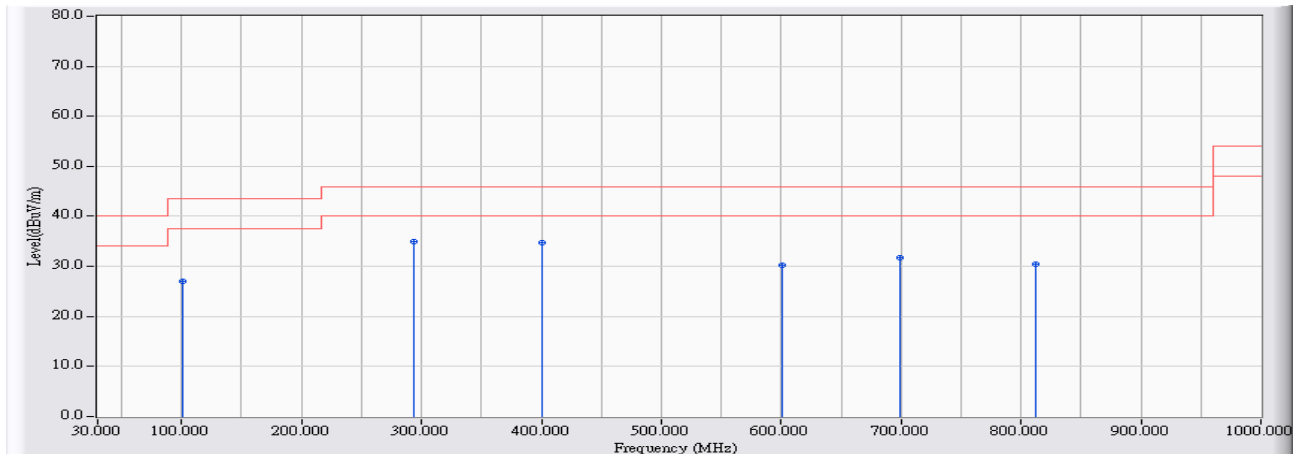


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	65.567	-17.772	49.083	31.311	-8.689	40.000	QUASPEAK
2		101.133	-13.425	44.356	30.931	-12.569	43.500	QUASPEAK
3		296.750	-10.325	40.536	30.212	-15.788	46.000	QUASPEAK
4		443.867	-6.459	33.061	26.601	-19.399	46.000	QUASPEAK
5		699.300	-3.939	35.277	31.338	-14.662	46.000	QUASPEAK
6		817.317	-2.536	32.450	29.914	-16.086	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 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Dark Knight Double 450Mbps Dual N Band Router	Note : TX-2437MHz,802.11n(40M)



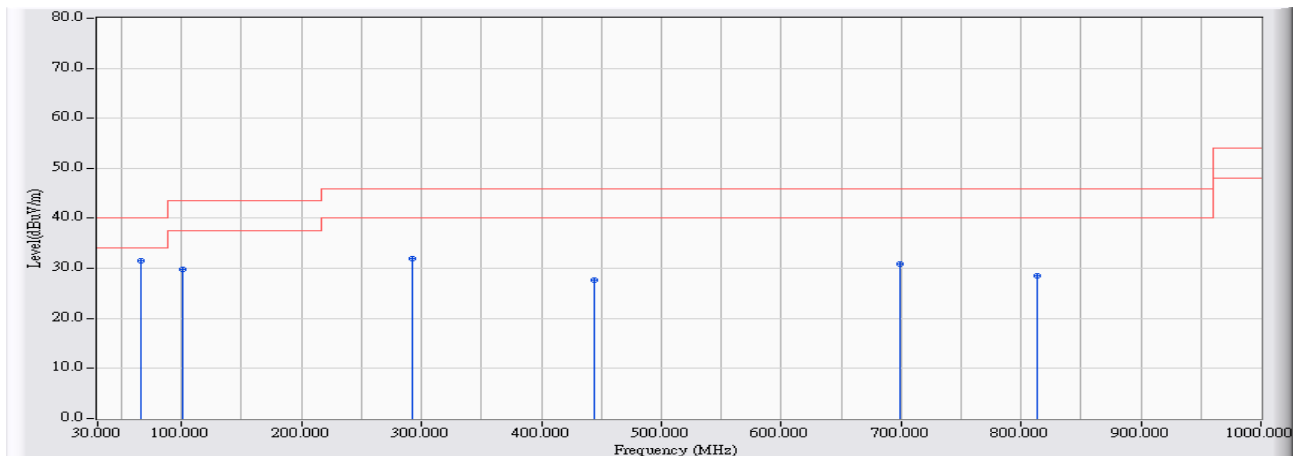
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	101.133	-13.425	40.504	27.079	-16.421	43.500	QUASPEAK
2	* 293.517	-10.375	45.286	34.910	-11.090	46.000	QUASPEAK
3	400.217	-7.367	42.037	34.671	-11.329	46.000	QUASPEAK
4	600.683	-4.326	34.556	30.229	-15.771	46.000	QUASPEAK
5	699.300	-3.939	35.589	31.650	-14.350	46.000	QUASPEAK
6	812.467	-2.568	33.002	30.434	-15.566	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 - 10:21
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 : TX-2437MHz,802.11n(40M)

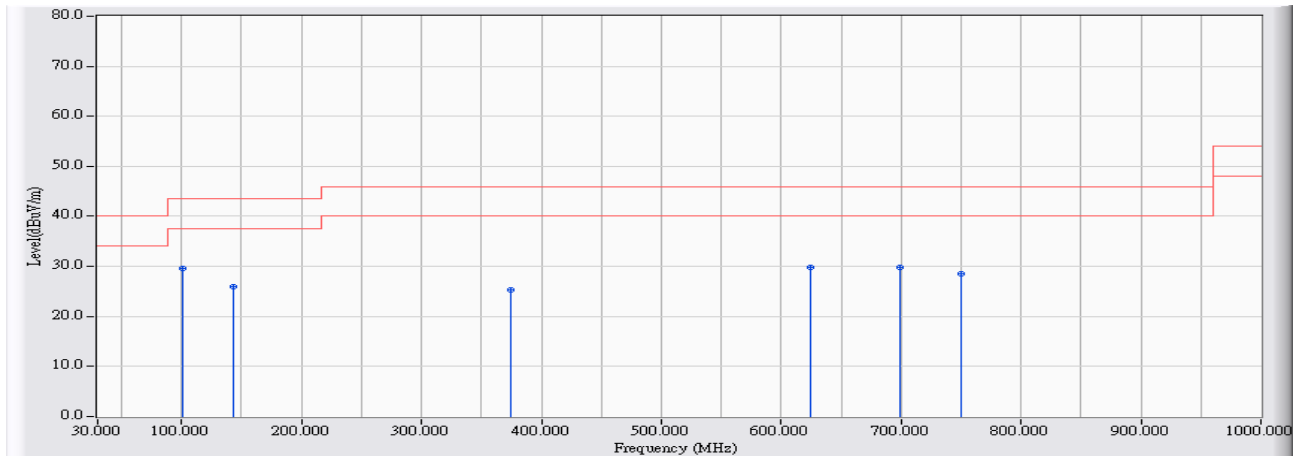


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	65.567	-17.772	49.402	31.630	-8.370	40.000	QUASPEAK
2		101.133	-13.425	43.224	29.799	-13.701	43.500	QUASPEAK
3		291.900	-10.401	42.254	31.853	-14.147	46.000	QUASPEAK
4		443.867	-6.459	34.149	27.689	-18.311	46.000	QUASPEAK
5		699.300	-3.939	34.906	30.967	-15.033	46.000	QUASPEAK
6		814.083	-2.557	30.984	28.426	-17.574	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 - 10:31
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 : TX-5785MHz,802.11a

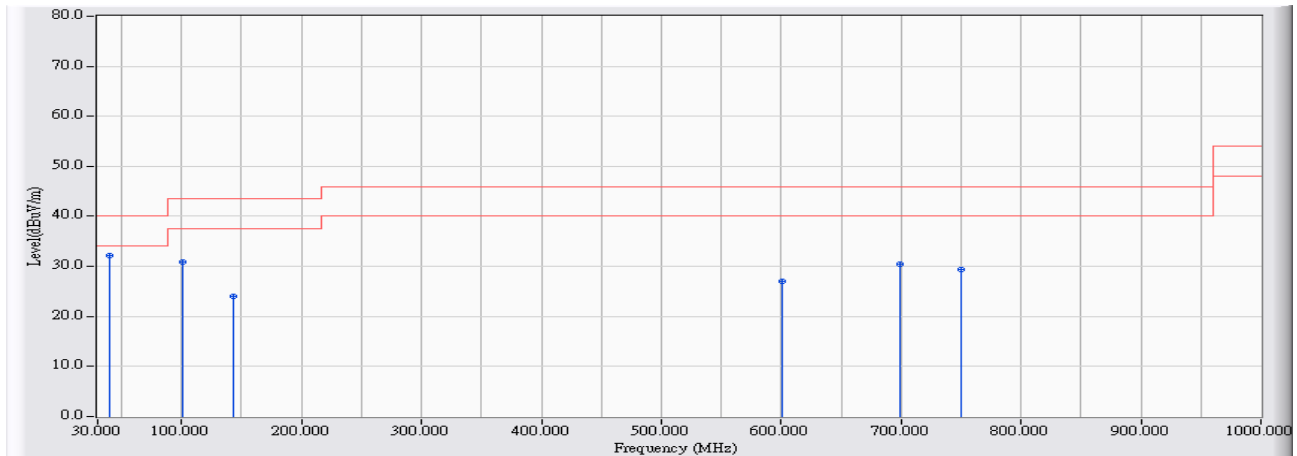


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	101.133	-13.425	43.006	29.581	-13.919	43.500	QUASPEAK
2		143.167	-13.105	38.955	25.850	-17.650	43.500	QUASPEAK
3		374.350	-8.111	33.444	25.333	-20.667	46.000	QUASPEAK
4		624.933	-4.207	34.039	29.832	-16.168	46.000	QUASPEAK
5		699.300	-3.939	33.853	29.914	-16.086	46.000	QUASPEAK
6		749.417	-3.297	31.735	28.439	-17.561	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 - 10:31
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 : TX-5785MHz,802.11a

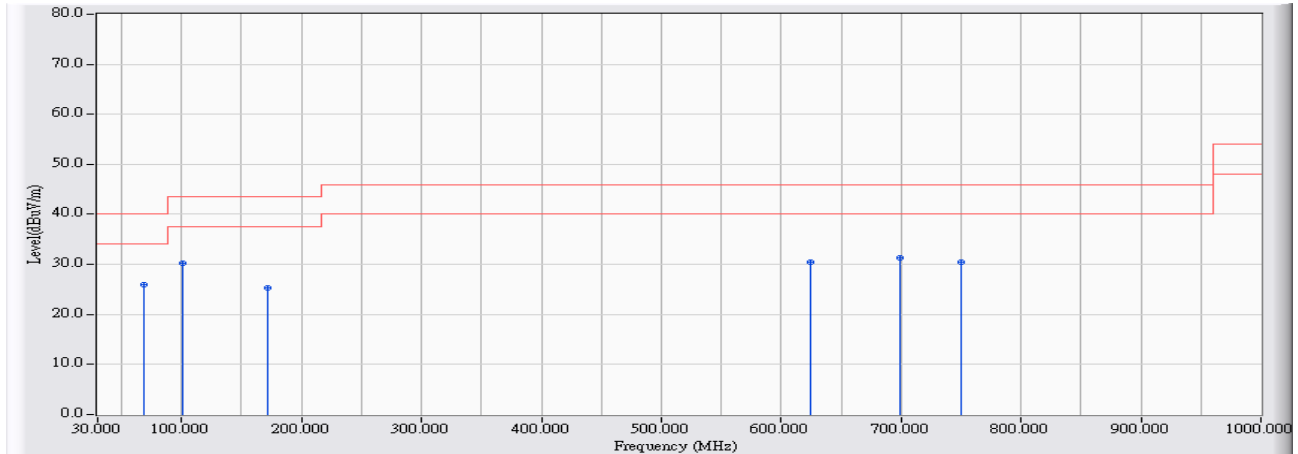


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	39.700	-12.268	44.370	32.102	-7.898	40.000	QUASIPeAK
2		101.133	-13.425	44.257	30.832	-12.668	43.500	QUASIPeAK
3		143.167	-13.105	37.099	23.994	-19.506	43.500	QUASIPeAK
4		600.683	-4.326	31.294	26.967	-19.033	46.000	QUASIPeAK
5		699.300	-3.939	34.321	30.382	-15.618	46.000	QUASIPeAK
6		749.417	-3.297	32.600	29.304	-16.696	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 - 10:32
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 : TX-5785MHz,802.11n(20M)

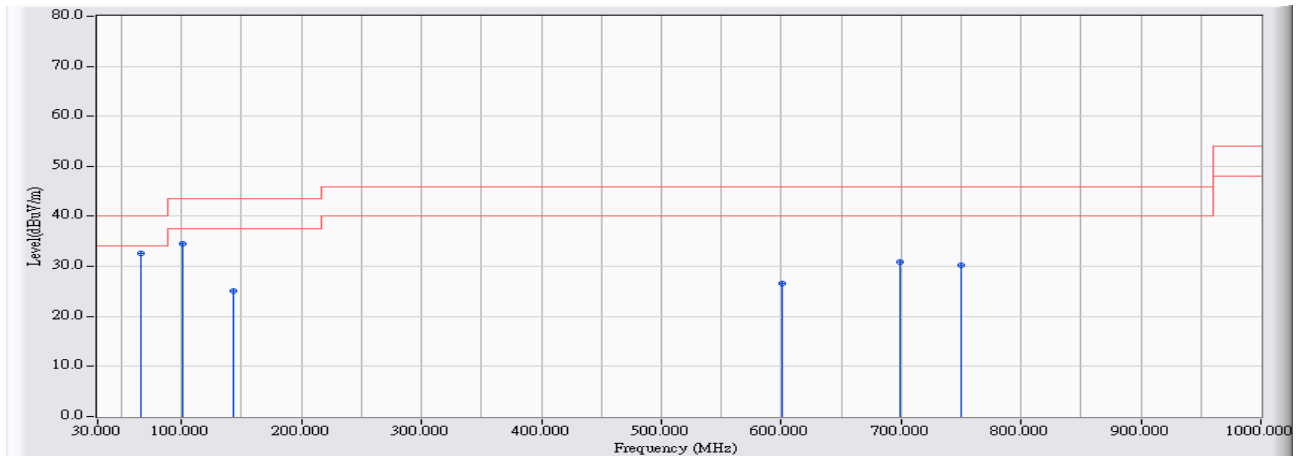


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	68.800	-17.759	43.709	25.949	-14.051	40.000	QUASPEAK
2	* 101.133	-13.425	43.679	30.254	-13.246	43.500	QUASPEAK
3	172.267	-14.414	39.823	25.410	-18.090	43.500	QUASPEAK
4	624.933	-4.207	34.631	30.424	-15.576	46.000	QUASPEAK
5	699.300	-3.939	35.240	31.301	-14.699	46.000	QUASPEAK
6	749.417	-3.297	33.701	30.405	-15.595	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 - 10:32
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 : TX-5785MHz,802.11n(20M)

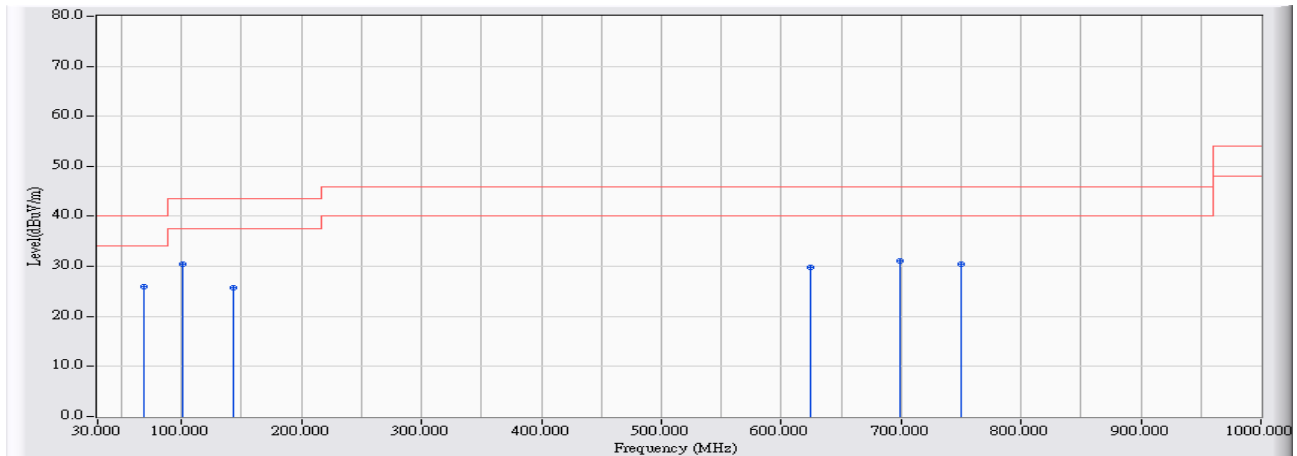


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	65.567	-17.772	50.400	32.628	-7.372	40.000	QUASPEAK
2		101.133	-13.425	48.028	34.603	-8.897	43.500	QUASPEAK
3		143.167	-13.105	38.257	25.152	-18.348	43.500	QUASPEAK
4		600.683	-4.326	30.887	26.560	-19.440	46.000	QUASPEAK
5		699.300	-3.939	34.760	30.821	-15.179	46.000	QUASPEAK
6		749.417	-3.297	33.533	30.237	-15.763	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 - 10:32
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 : TX-5755MHz,802.11n(40M)

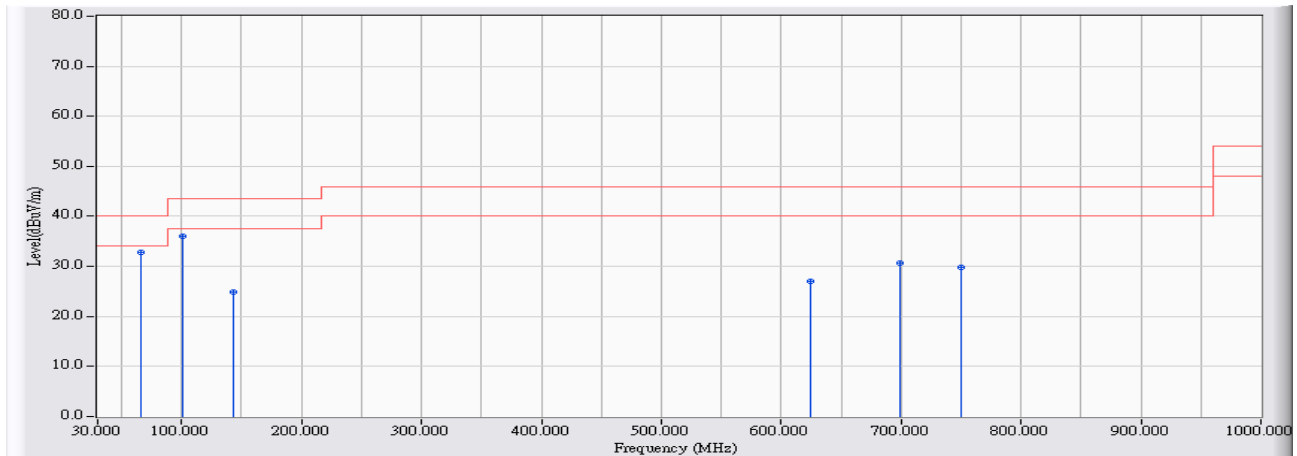


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	68.800	-17.759	43.606	25.846	-14.154	40.000	QUASPEAK
2	* 101.133	-13.425	43.937	30.512	-12.988	43.500	QUASPEAK
3	143.167	-13.105	38.946	25.841	-17.659	43.500	QUASPEAK
4	624.933	-4.207	34.008	29.801	-16.199	46.000	QUASPEAK
5	699.300	-3.939	34.990	31.051	-14.949	46.000	QUASPEAK
6	749.417	-3.297	33.814	30.518	-15.482	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 - 10:32
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 : TX-5755MHz,802.11n(40M)



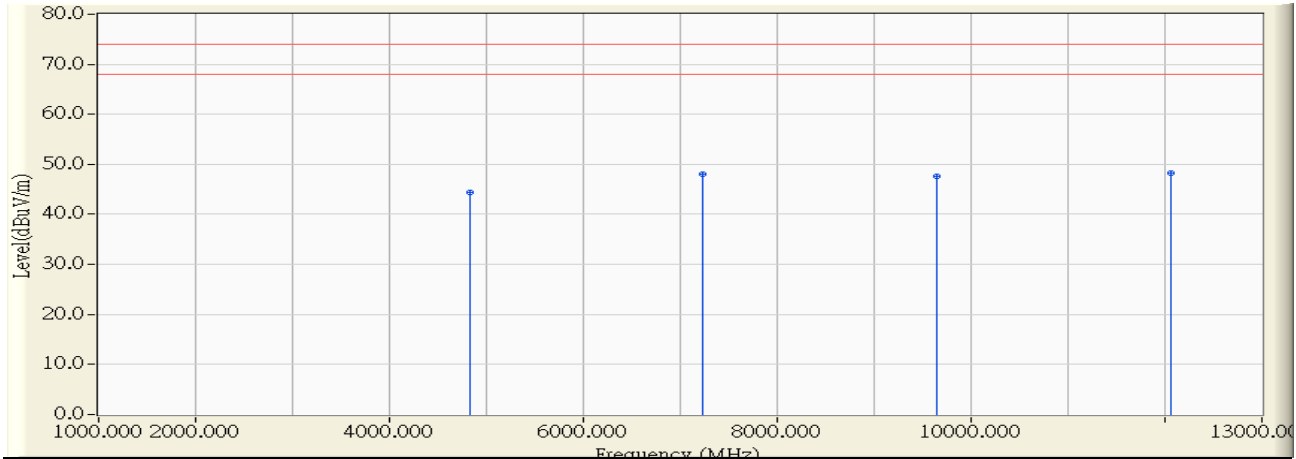
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	65.567	-17.772	50.565	32.793	-7.207	40.000	QUASPEAK
2		101.133	-13.425	49.552	36.127	-7.373	43.500	QUASPEAK
3		143.167	-13.105	37.952	24.847	-18.653	43.500	QUASPEAK
4		624.933	-4.207	31.211	27.004	-18.996	46.000	QUASPEAK
5		699.300	-3.939	34.637	30.698	-15.302	46.000	QUASPEAK
6		749.417	-3.297	33.139	29.843	-16.157	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 : 2011/11/07 - 13:38
Limit : FCC_SpartC_15.247_H_03M_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 : TX-2412MHz,802.11b



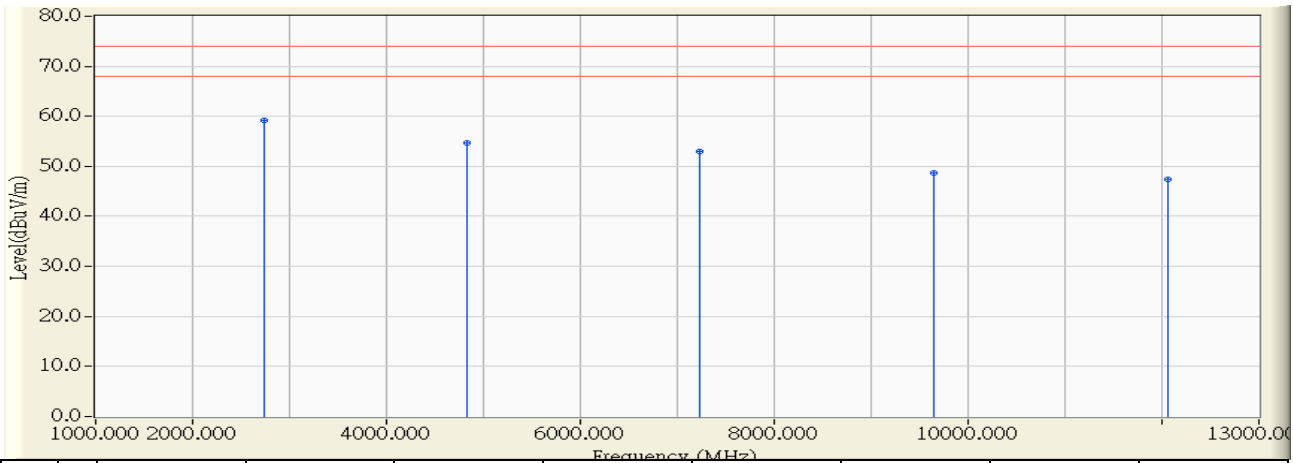
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	4823.920	-0.803	45.112	44.309	-29.691	74.000	54.000	PEAK
2	7233.880	5.491	42.452	47.943	-26.057	74.000	54.000	PEAK
3	9649.380	9.241	38.353	47.594	-26.406	74.000	54.000	PEAK
4	* 12057.600	11.526	36.824	48.350	-25.650	74.000	54.000	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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 : 2011/11/07 - 13:22
Limit : FCC_SpartC_15.247_H_03M_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 : TX-2412MHz,802.11b

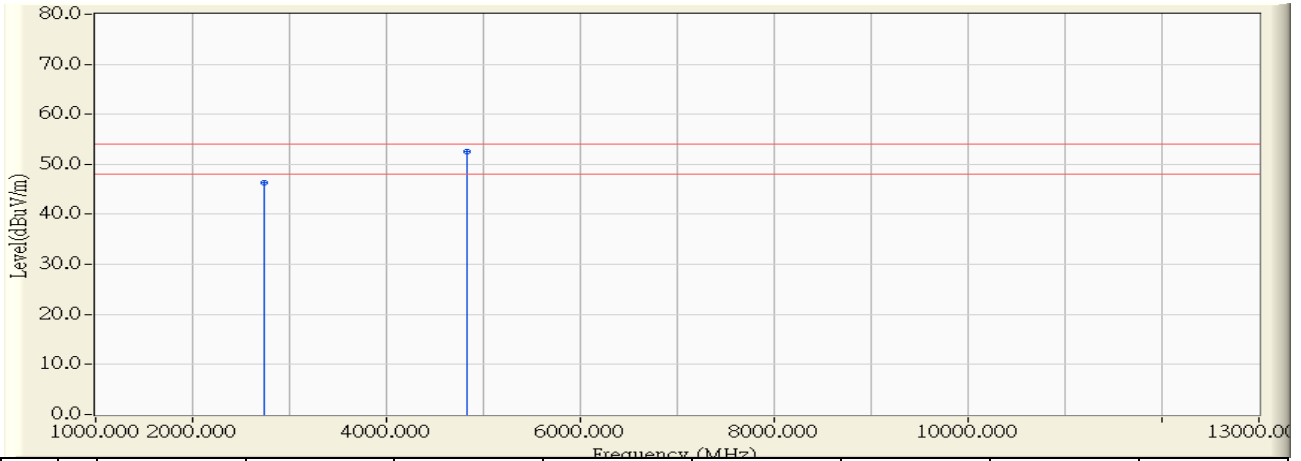


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	2739.000	-3.552	62.846	59.295	-14.705	74.000	54.000	PEAK
2		4823.960	-0.803	55.405	54.602	-19.398	74.000	54.000	PEAK
3		7235.920	5.497	47.467	52.963	-21.037	74.000	54.000	PEAK
4		9648.120	9.232	39.348	48.580	-25.420	74.000	54.000	PEAK
5		12059.840	11.525	35.973	47.498	-26.502	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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 : 2011/11/07 - 13:23
Limit : FCC_SpartC_15.247_H_03M_AV	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 : TX-2412MHz,802.11b

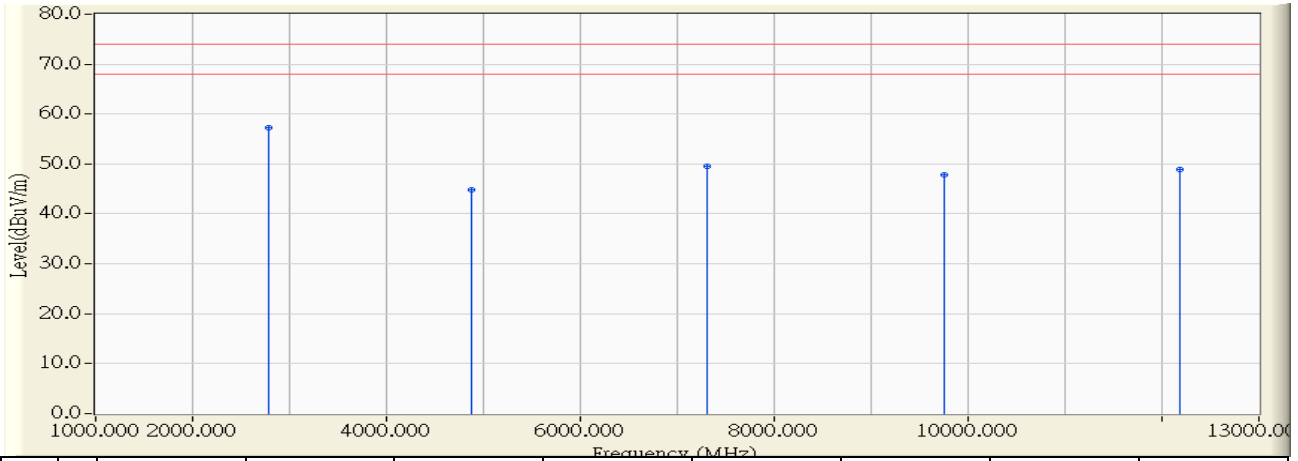


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2738.500	-3.550	49.781	46.231	-7.769	74.000	54.000	AVERAGE
2	* 4823.960	-0.803	53.419	52.616	-1.384	74.000	54.000	AVERAGE

**Note:**

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

Site : CB1	Time : 2011/11/08 - 11:17
Limit : FCC_SpartC_15.247_H_03M_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 : TX-2437MHz,802.11b

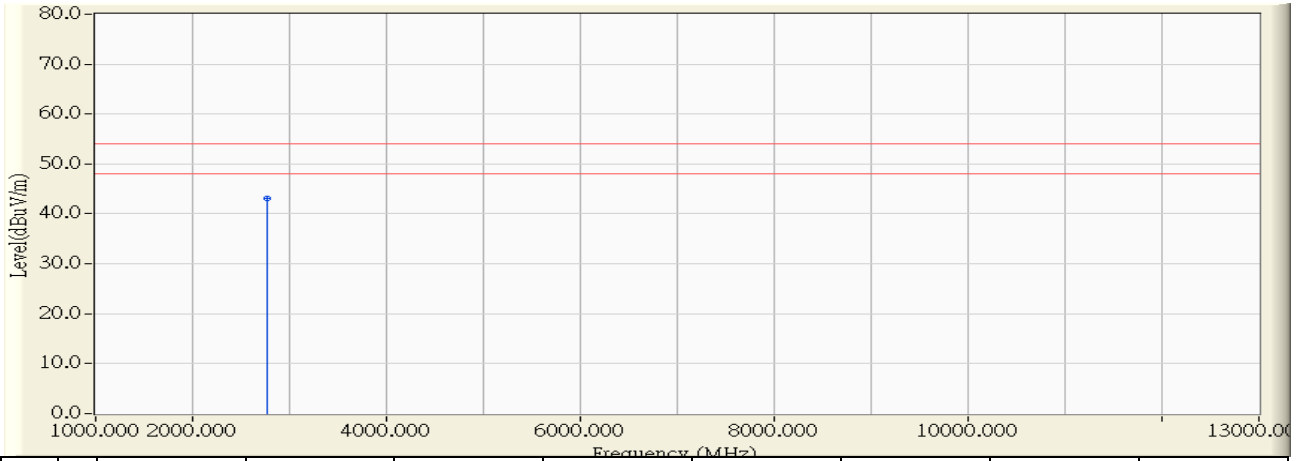


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	2782.580	-3.666	60.869	57.203	-16.797	74.000	54.000	PEAK
2		4874.020	-0.672	45.516	44.844	-29.156	74.000	54.000	PEAK
3		7310.920	5.678	43.902	49.579	-24.421	74.000	54.000	PEAK
4		9748.400	9.958	37.954	47.912	-26.088	74.000	54.000	PEAK
5		12185.600	11.480	37.526	49.007	-24.993	74.000	54.000	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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 : 2011/11/08 - 11:20
Limit : FCC_SpartC_15.247_H_03M_AV	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 : TX-2437MHz,802.11b

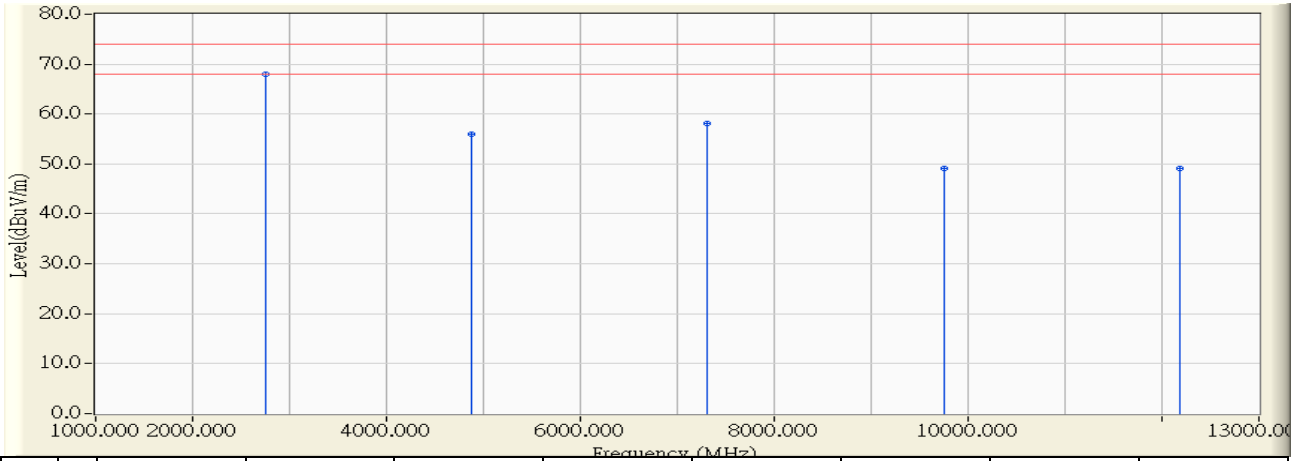


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	2774.040	-3.644	46.854	43.211	-10.789	74.000	54.000	AVERAGE

**Note:**

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

Site : CB1	Time : 2011/11/08 - 11:02
Limit : FCC_SpartC_15.247_H_03M_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 : TX-2437MHz,802.11b

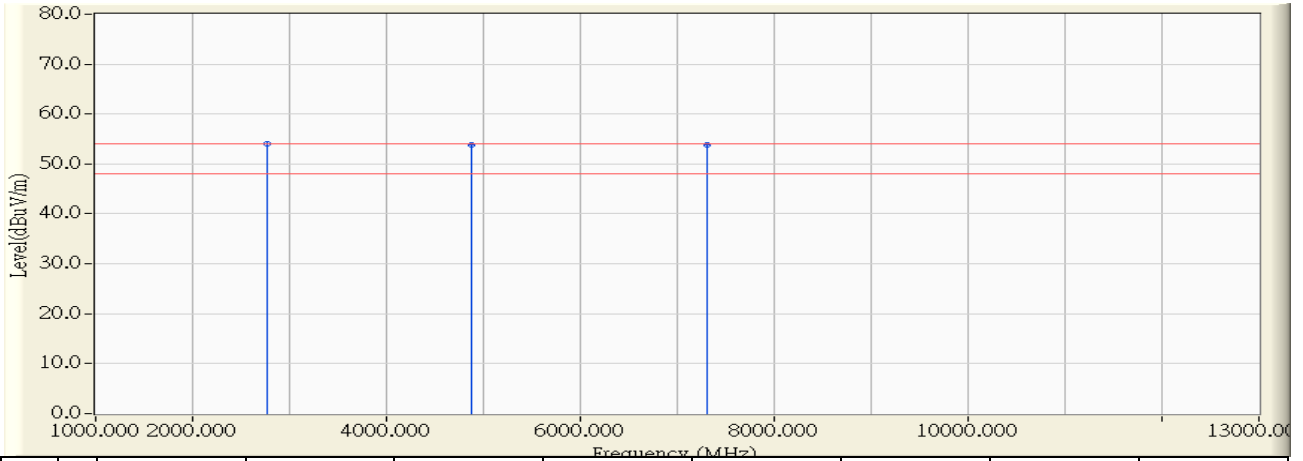


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	* 2748.400	-3.577	71.465	67.889	-6.111	74.000	54.000	PEAK
2	4874.020	-0.672	56.585	55.913	-18.087	74.000	54.000	PEAK
3	7310.980	5.678	52.357	58.034	-15.966	74.000	54.000	PEAK
4	9747.960	9.955	39.106	49.061	-24.939	74.000	54.000	PEAK
5	12185.240	11.481	37.639	49.120	-24.880	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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 : 2011/11/08 - 11:02
Limit : FCC_SpartC_15.247_H_03M_AV	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 : TX-2437MHz,802.11b

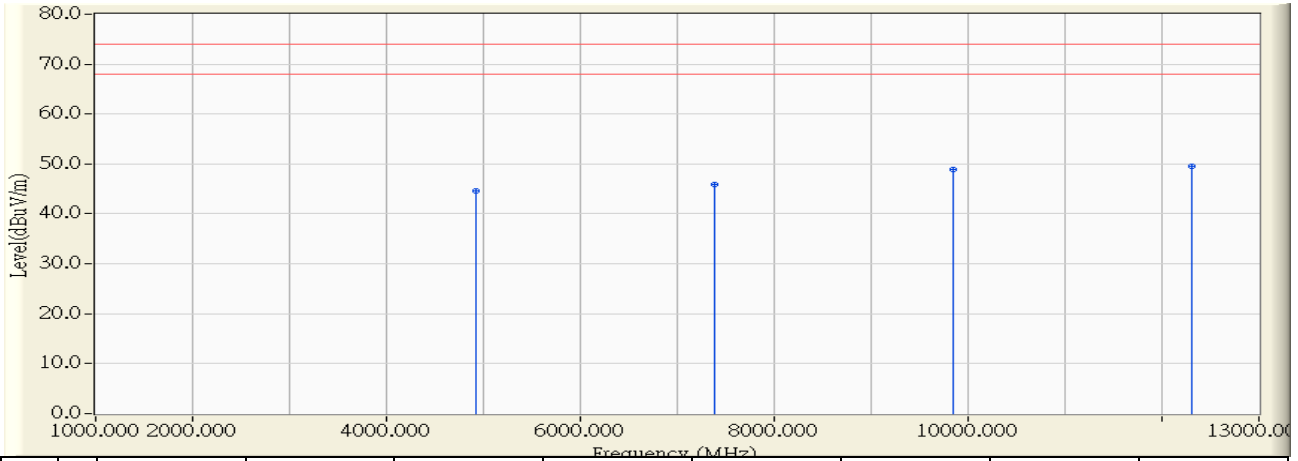


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	2774.100	-3.644	57.590	53.947	-0.053	74.000	54.000	AVERAGE
2		4874.080	-0.672	54.579	53.907	-0.093	74.000	54.000	AVERAGE
3		7310.200	5.675	48.127	53.803	-0.197	74.000	54.000	AVERAGE

**Note:**

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

Site : CB1	Time : 2011/11/08 - 11:46
Limit : FCC_SpartC_15.247_H_03M_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 : TX-2462MHz,802.11b

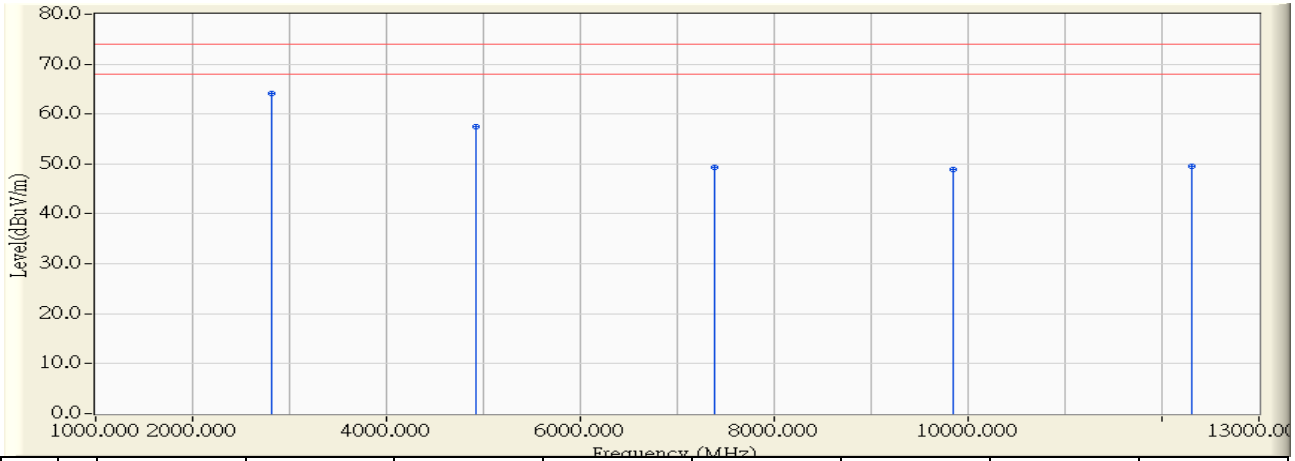


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	4924.260	-0.540	45.082	44.542	-29.458	74.000	54.000	PEAK
2	7385.680	5.857	39.947	45.805	-28.195	74.000	54.000	PEAK
3	9848.600	10.685	38.259	48.944	-25.056	74.000	54.000	PEAK
4	* 12308.300	11.438	38.069	49.507	-24.493	74.000	54.000	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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 : 2011/11/08 - 11:22
Limit : FCC_SpartC_15.247_H_03M_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 : TX-2462MHz,802.11b



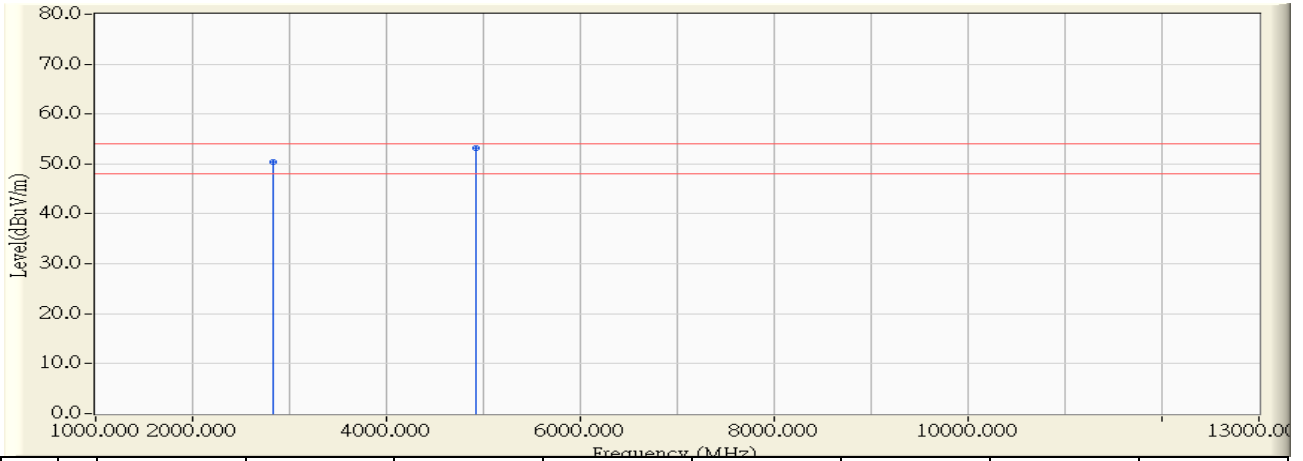
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	* 2821.850	-3.768	67.997	64.228	-9.772	74.000	54.000	PEAK
2	4924.000	-0.541	57.958	57.417	-16.583	74.000	54.000	PEAK
3	7386.150	5.859	43.376	49.235	-24.765	74.000	54.000	PEAK
4	9849.950	10.695	38.123	48.817	-25.183	74.000	54.000	PEAK
5	12306.300	11.438	38.049	49.487	-24.513	74.000	54.000	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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 : 2011/11/08 - 11:25
Limit : FCC_SpartC_15.247_H_03M_AV	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 : TX-2462MHz,802.11b

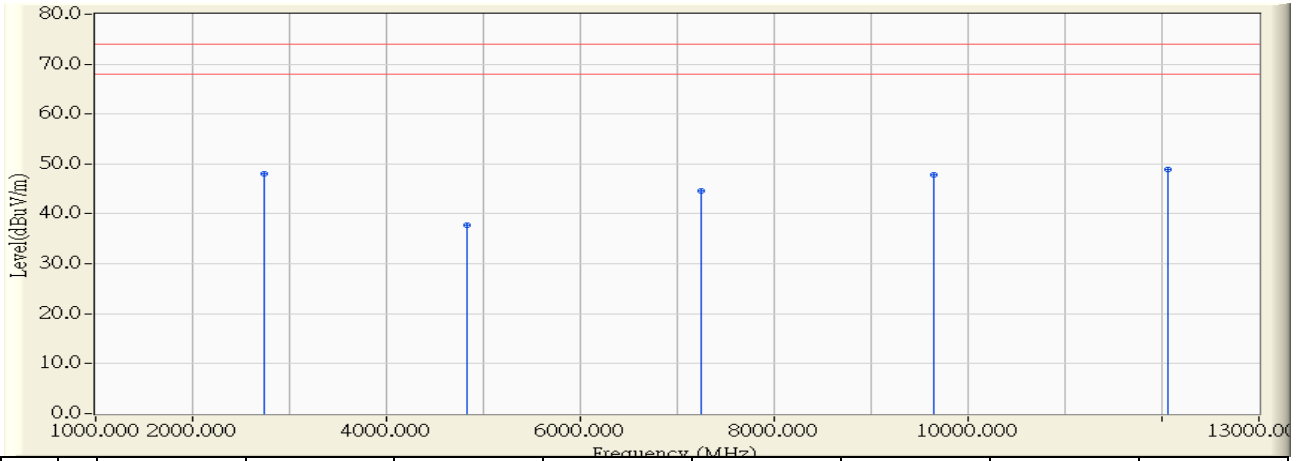


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2824.000	-3.775	54.144	50.369	-3.631	74.000	54.000	AVERAGE
2	* 4924.000	-0.541	53.767	53.226	-0.774	74.000	54.000	AVERAGE

**Note:**

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

Site : CB1	Time : 2011/11/08 - 15:05
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Dark Knight Double 450Mbps Dual N Band Router	Note : TX-2412MHz,802.11g

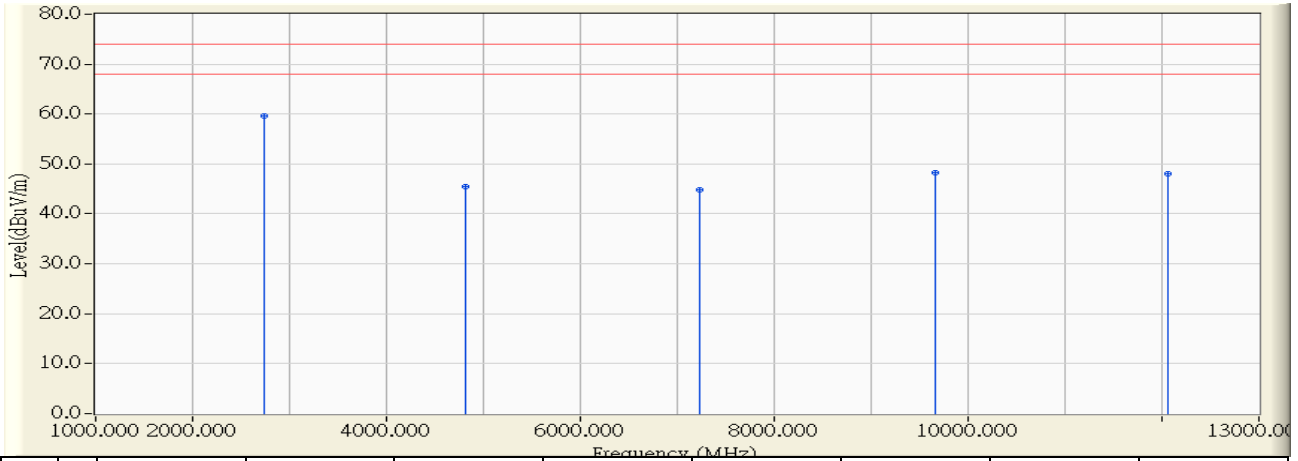


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2730.900	-3.530	51.606	48.076	-25.924	74.000	54.000	PEAK
2	4823.450	-0.804	38.515	37.710	-36.290	74.000	54.000	PEAK
3	7242.350	5.513	39.150	44.662	-29.338	74.000	54.000	PEAK
4	9647.700	9.228	38.652	47.880	-26.120	74.000	54.000	PEAK
5	* 12059.250	11.525	37.291	48.816	-25.184	74.000	54.000	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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 : 2011/11/08 - 15:00
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : Dark Knight Double 450Mbps Dual N Band Router	Note : TX-2412MHz,802.11g

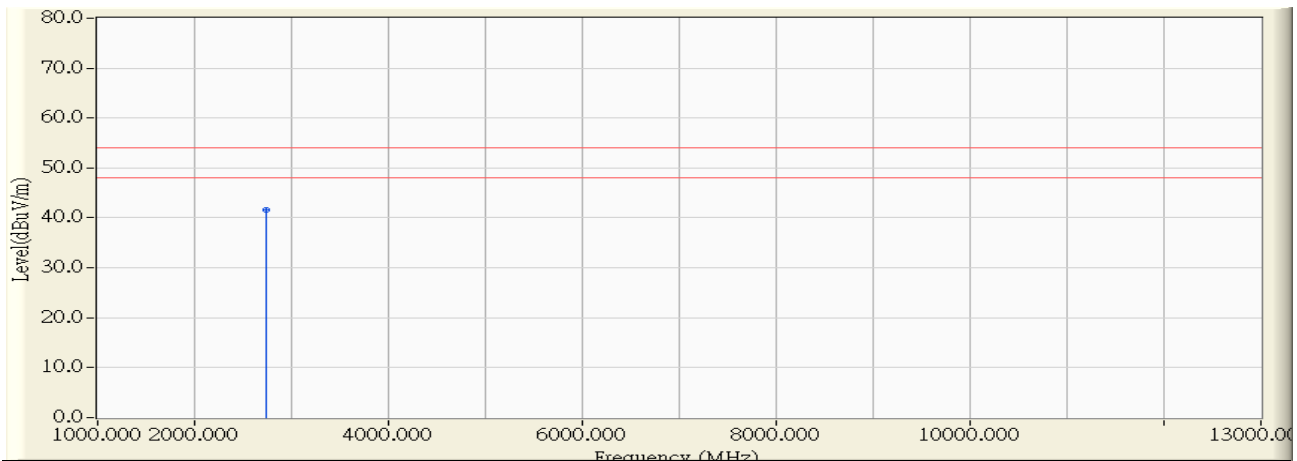


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	2737.900	-3.549	63.216	59.668	-14.332	74.000	54.000	PEAK
2		4822.300	-0.808	46.370	45.562	-28.438	74.000	54.000	PEAK
3		7227.150	5.475	39.400	44.875	-29.125	74.000	54.000	PEAK
4		9654.400	9.277	39.001	48.278	-25.722	74.000	54.000	PEAK
5		12059.200	11.525	36.574	48.099	-25.901	74.000	54.000	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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 : 2011/11/08 - 15:49
Limit : FCC_SpartC_15.247_H_03M_AV	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 : TX-2412MHz,802.11g

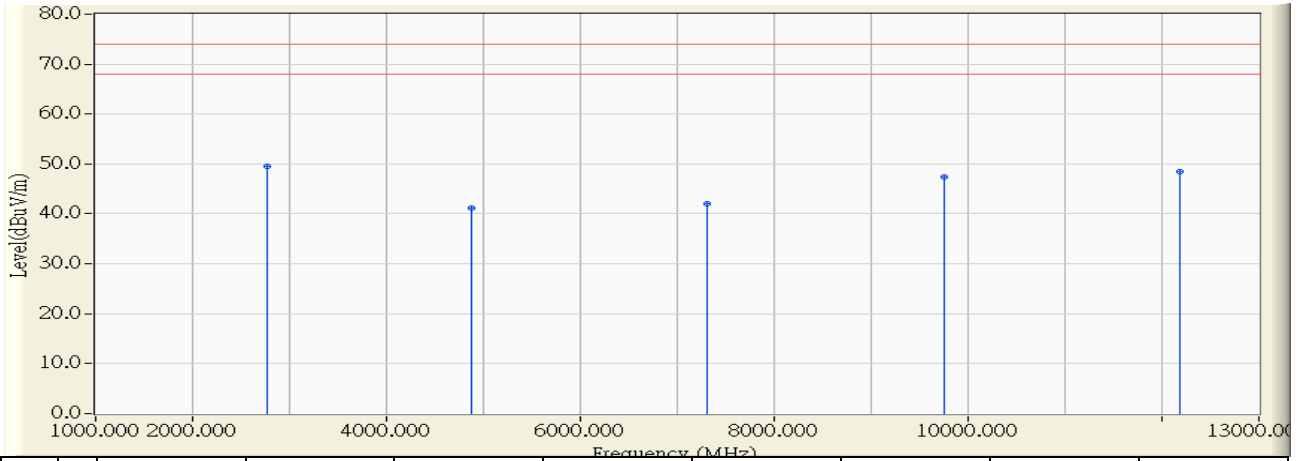


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	2739.900	-3.554	45.146	41.592	-12.408	74.000	54.000	AVERAGE

**Note:**

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

Site : CB1	Time : 2011/11/08 - 15:15
Limit : FCC_SpartC_15.247_H_03M_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 : TX-2437MHz,802.11g

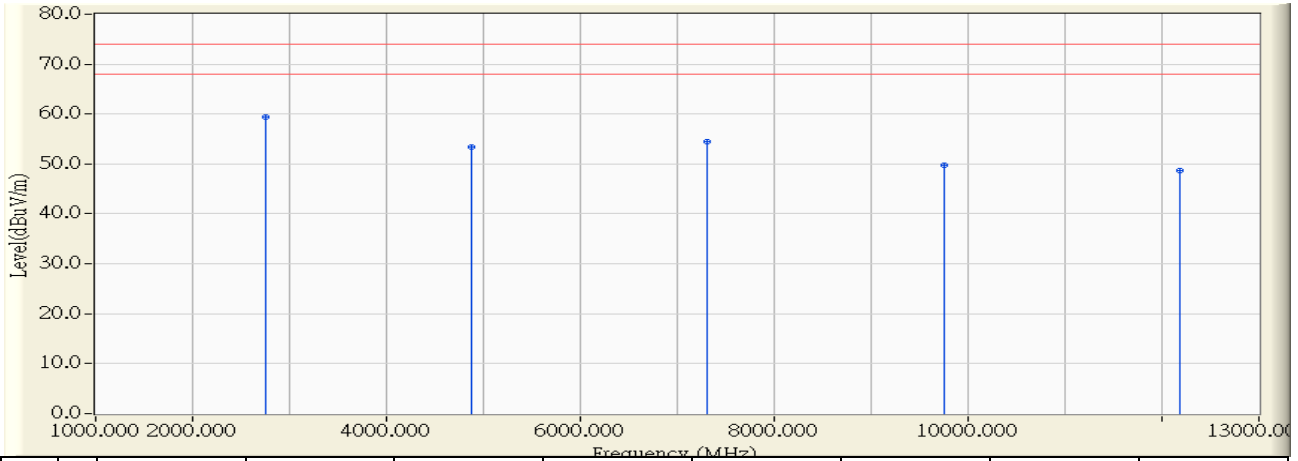


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	* 2765.100	-3.619	53.261	49.641	-24.359	74.000	54.000	PEAK
2	4875.800	-0.668	41.950	41.283	-32.717	74.000	54.000	PEAK
3	7313.150	5.682	36.397	42.080	-31.920	74.000	54.000	PEAK
4	9747.600	9.953	37.422	47.375	-26.625	74.000	54.000	PEAK
5	12185.000	11.481	37.031	48.512	-25.488	74.000	54.000	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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 : 2011/11/08 - 15:07
Limit : FCC_SpartC_15.247_H_03M_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 : TX-2437MHz,802.11g

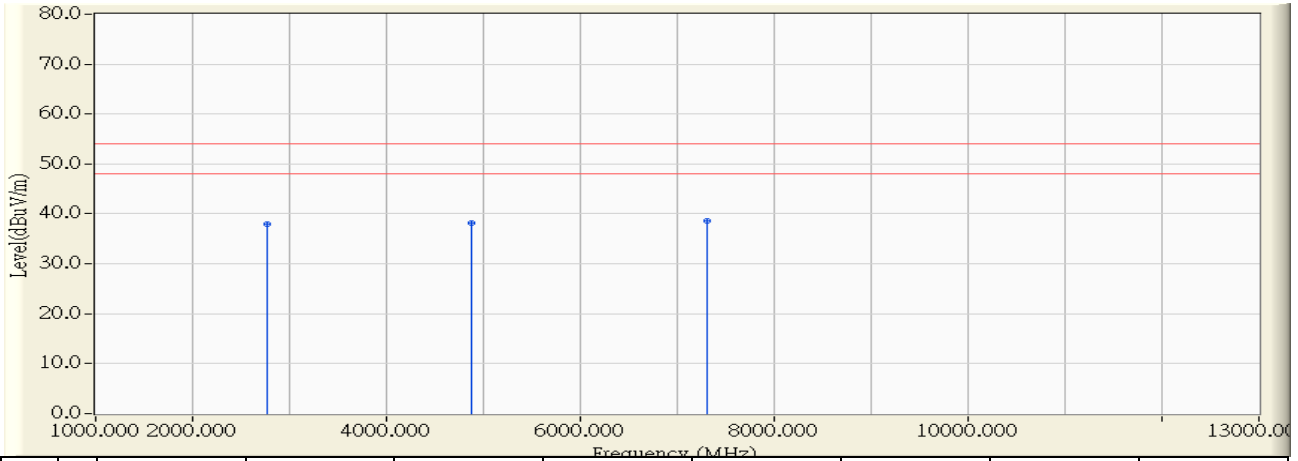


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	* 2749.900	-3.580	63.094	59.514	-14.486	74.000	54.000	PEAK
2	4873.300	-0.673	54.176	53.502	-20.498	74.000	54.000	PEAK
3	7311.150	5.678	48.769	54.447	-19.553	74.000	54.000	PEAK
4	9759.500	10.039	39.625	49.664	-24.336	74.000	54.000	PEAK
5	12185.700	11.481	37.189	48.670	-25.330	74.000	54.000	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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 : 2011/11/08 - 15:07
Limit : FCC_SpartC_15.247_H_03M_AV	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 : TX-2437MHz,802.11g

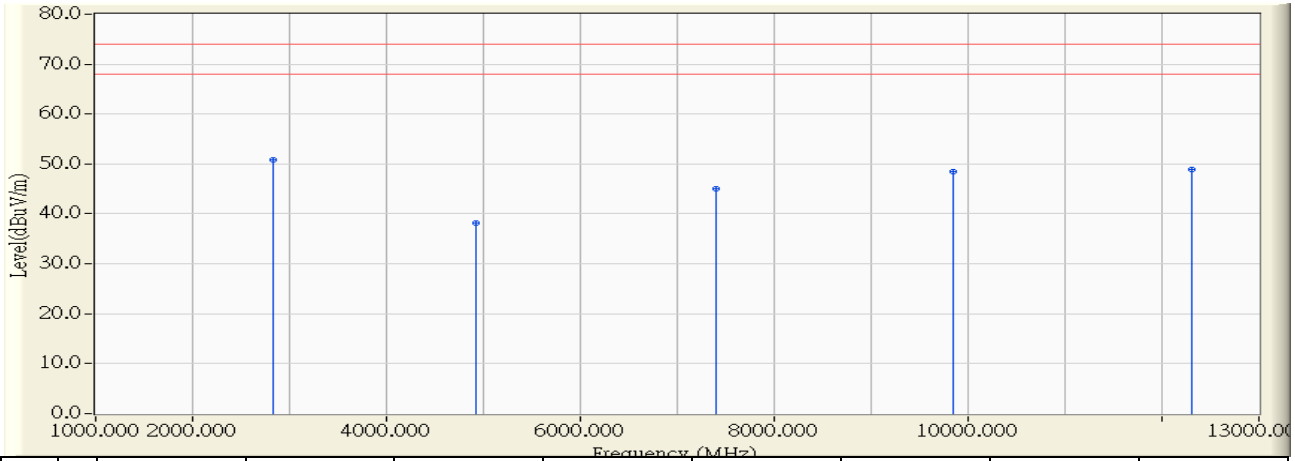


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2773.700	-3.643	41.590	37.948	-16.052	74.000	54.000	AVERAGE
2	4873.500	-0.673	38.834	38.161	-15.839	74.000	54.000	AVERAGE
3	* 7310.450	5.676	32.889	38.565	-15.435	74.000	54.000	AVERAGE

**Note:**

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

Site : CB1	Time : 2011/11/08 - 15:25
Limit : FCC_SpartC_15.247_H_03M_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 : TX-2462MHz,802.11g



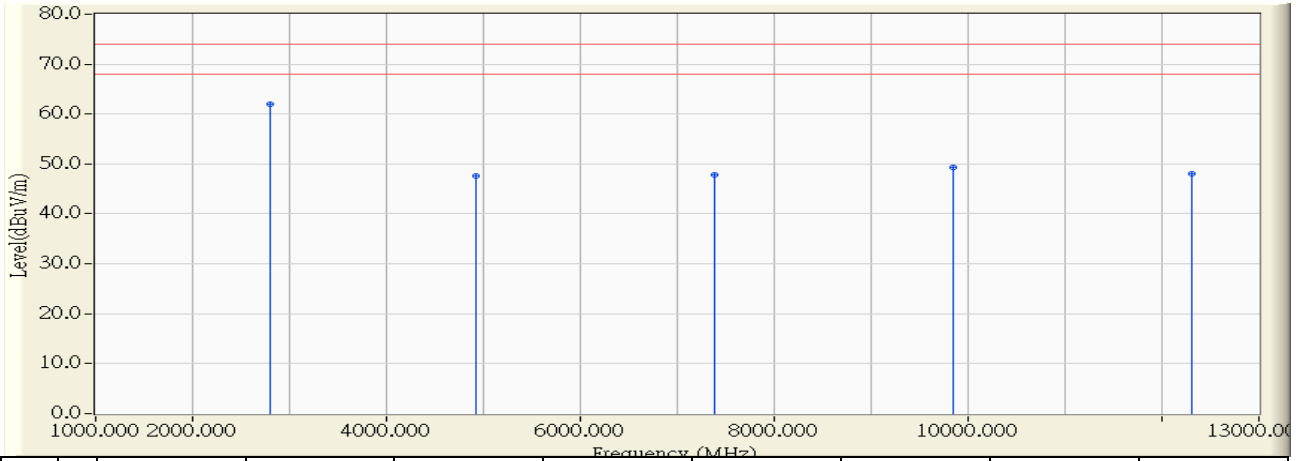
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	* 2824.500	-3.776	54.611	50.835	-23.165	74.000	54.000	PEAK
2	4922.250	-0.546	38.757	38.212	-35.788	74.000	54.000	PEAK
3	7395.650	5.881	39.088	44.970	-29.030	74.000	54.000	PEAK
4	9846.700	10.671	37.788	48.459	-25.541	74.000	54.000	PEAK
5	12309.250	11.437	37.379	48.816	-25.184	74.000	54.000	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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 : 2011/11/08 - 15:21
Limit : FCC_SpartC_15.247_H_03M_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 : TX-2462MHz,802.11g

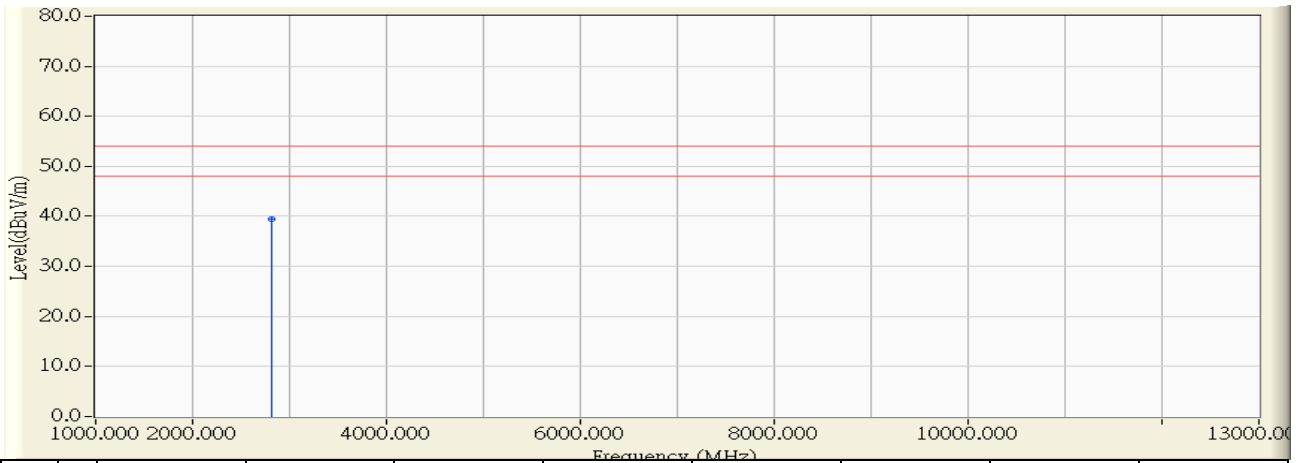


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	* 2804.500	-3.723	65.717	61.994	-12.006	74.000	54.000	PEAK
2	4923.850	-0.541	48.215	47.674	-26.326	74.000	54.000	PEAK
3	7381.800	5.849	41.911	47.759	-26.241	74.000	54.000	PEAK
4	9849.650	10.692	38.682	49.374	-24.626	74.000	54.000	PEAK
5	12309.900	11.437	36.547	47.984	-26.016	74.000	54.000	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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 : 2011/11/08 - 15:35
Limit : FCC_SpartC_15.247_H_03M_AV	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 : TX-2462MHz,802.11g

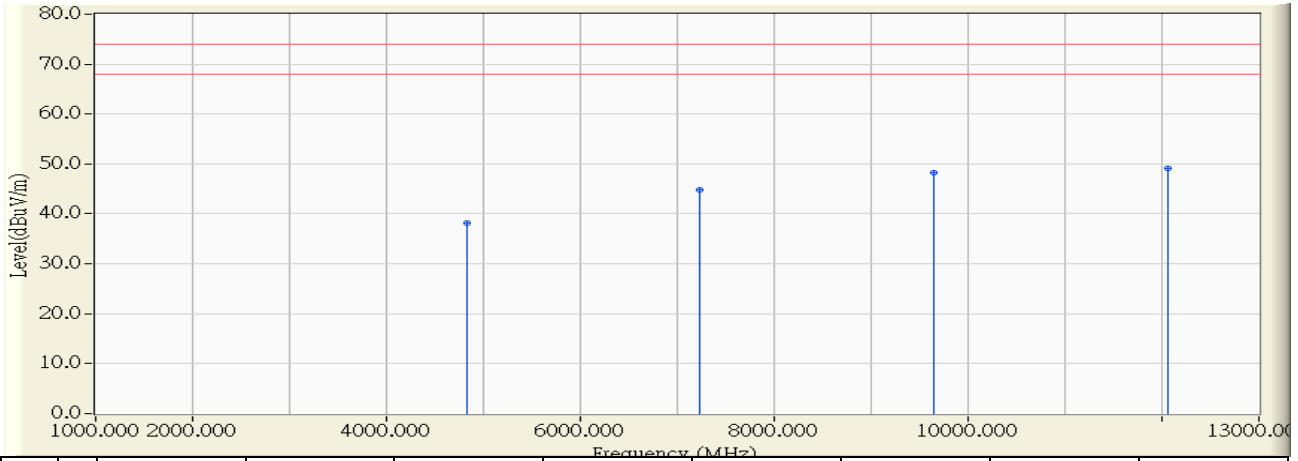


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	-3.744	43.315	39.571	-14.429	74.000	54.000	AVERAGE

Note:

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

Site : CB1	Time : 2011/11/08 - 16:27
Limit : FCC_SpartC_15.247_H_03M_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 : TX-2412MHz,802.11n(20MHz)

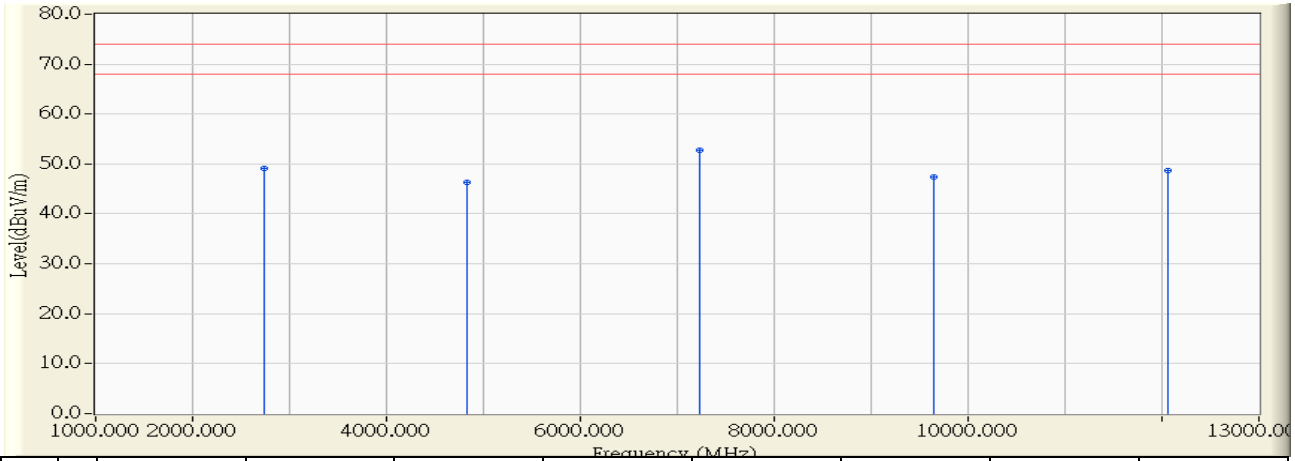


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	4824.150	-0.803	38.873	38.070	-35.930	74.000	54.000	PEAK
2	7237.500	5.501	39.324	44.824	-29.176	74.000	54.000	PEAK
3	9651.800	9.259	38.925	48.183	-25.817	74.000	54.000	PEAK
4	* 12054.350	11.527	37.619	49.146	-24.854	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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 : 2011/11/08 - 16:24
Limit : FCC_SpartC_15.247_H_03M_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 : TX-2412MHz,802.11n(20MHz)

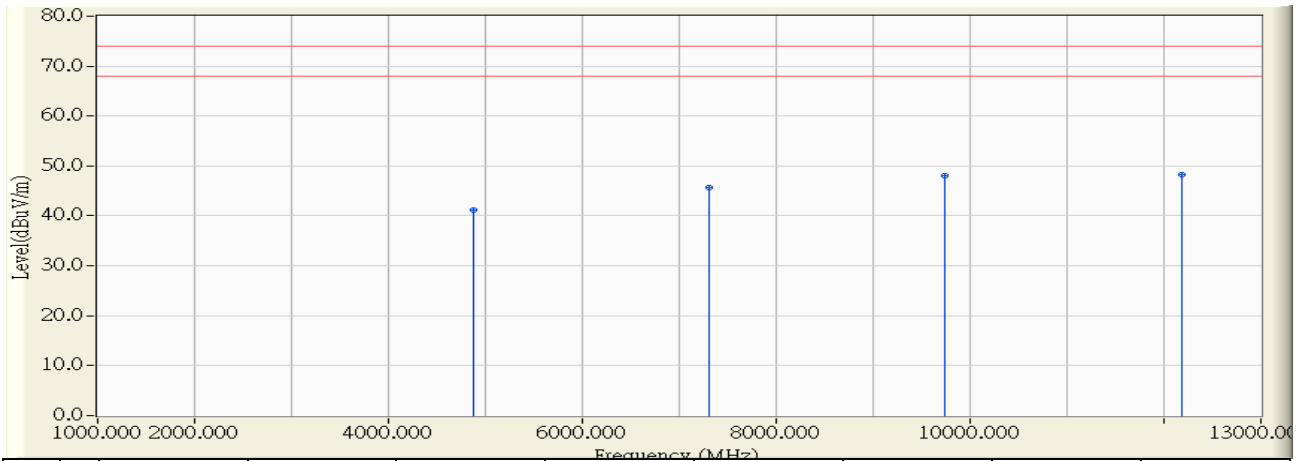


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2734.800	-3.540	52.708	49.168	-24.832	74.000	54.000	PEAK
2	4823.650	-0.803	47.202	46.398	-27.602	74.000	54.000	PEAK
3	* 7232.900	5.489	47.241	52.730	-21.270	74.000	54.000	PEAK
4	9650.400	9.247	38.210	47.458	-26.542	74.000	54.000	PEAK
5	12060.100	11.525	37.263	48.788	-25.212	74.000	54.000	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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 : 2011/11/08 - 16:43
Limit : FCC_SpartC_15.247_H_03M_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 : TX-2437MHz,802.11n(20MHz)

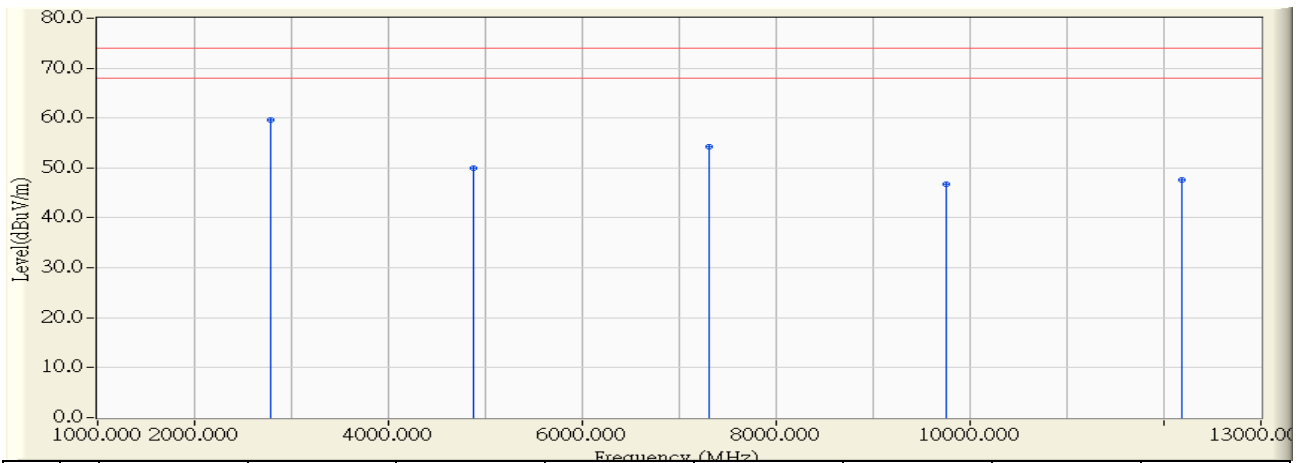


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	4872.200	-0.677	41.824	41.147	-32.853	74.000	54.000	PEAK
2	7314.100	5.685	39.952	45.637	-28.363	74.000	54.000	PEAK
3	9741.600	9.910	38.039	47.948	-26.052	74.000	54.000	PEAK
4	* 12184.400	11.482	36.751	48.232	-25.768	74.000	54.000	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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 : 2011/11/08 - 16:32
Limit : FCC_SpartC_15.247_H_03M_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 : TX-2437MHz,802.11n(20MHz)

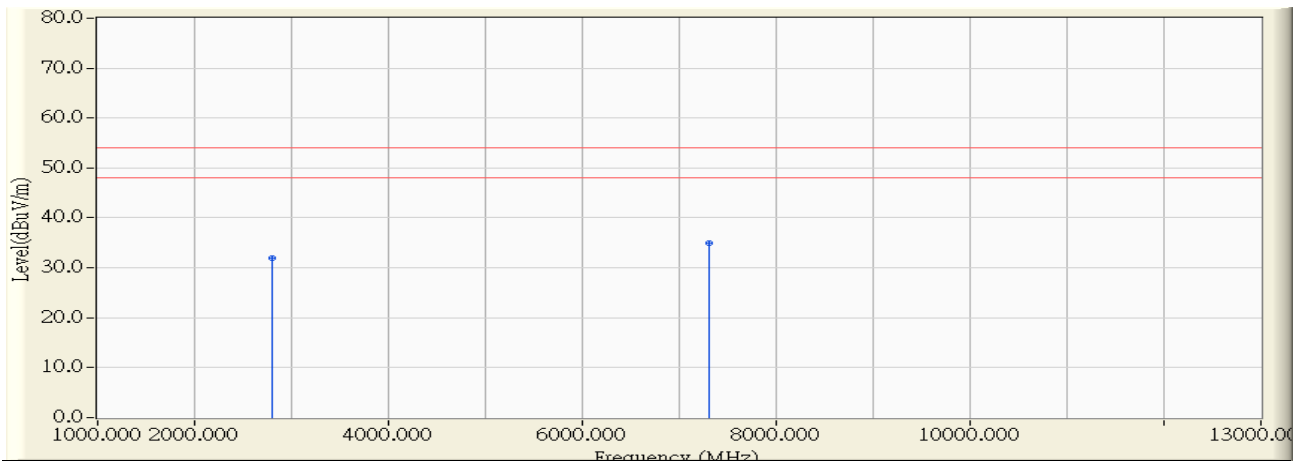


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	* 2782.500	-3.667	63.226	59.560	-14.440	74.000	54.000	PEAK
2	4872.150	-0.677	50.627	49.950	-24.050	74.000	54.000	PEAK
3	7305.500	5.664	48.601	54.265	-19.735	74.000	54.000	PEAK
4	9746.300	9.944	36.915	46.858	-27.142	74.000	54.000	PEAK
5	12184.650	11.481	36.233	47.714	-26.286	74.000	54.000	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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 : 2011/11/08 - 16:33
Limit : FCC_SpartC_15.247_H_03M_AV	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 : TX-2437MHz,802.11n(20MHz)

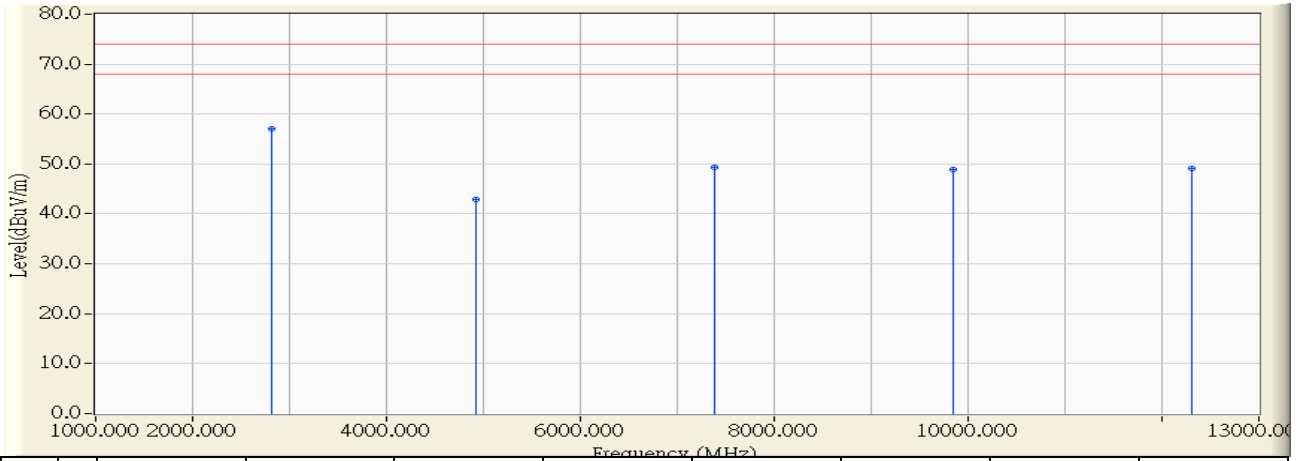


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2800.000	-3.712	35.586	31.874	-22.126	74.000	54.000	AVERAGE
2	* 7309.550	5.674	29.355	35.029	-18.971	74.000	54.000	AVERAGE

**Note:**

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

Site : CB1	Time : 2011/11/08 - 16:56
Limit : FCC_SpartC_15.247_H_03M_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 : TX-2462MHz,802.11n(20MHz)



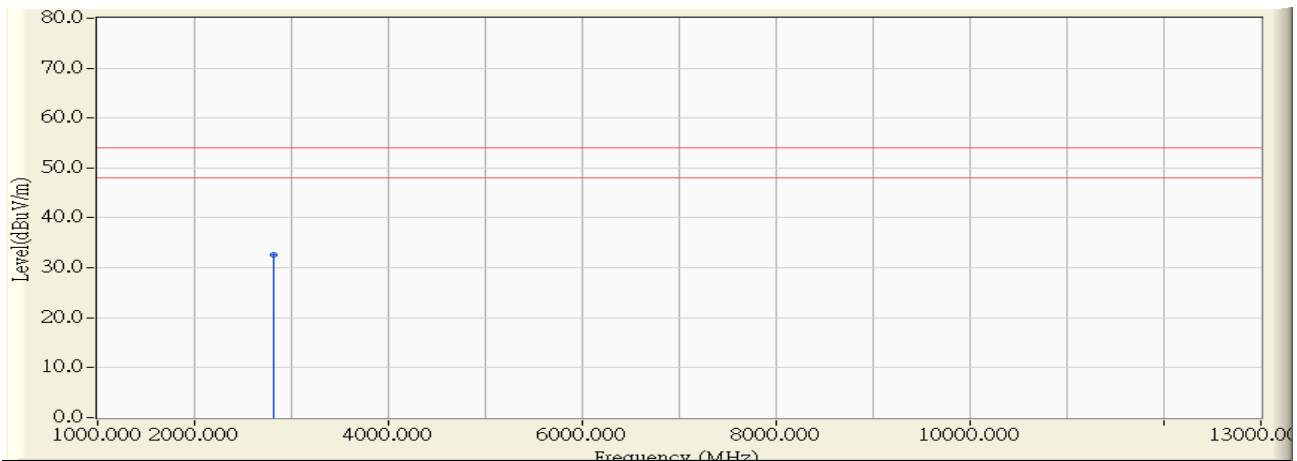
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	* 2821.200	-3.767	60.764	56.997	-17.003	74.000	54.000	PEAK
2	4923.900	-0.541	43.543	43.002	-30.998	74.000	54.000	PEAK
3	7382.600	5.849	43.397	49.247	-24.753	74.000	54.000	PEAK
4	9844.600	10.656	38.345	49.001	-24.999	74.000	54.000	PEAK
5	12310.250	11.437	37.770	49.207	-24.793	74.000	54.000	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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 : 2011/11/08 - 16:57
Limit : FCC_SpartC_15.247_H_03M_AV	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 : TX-2462MHz,802.11n(20MHz)

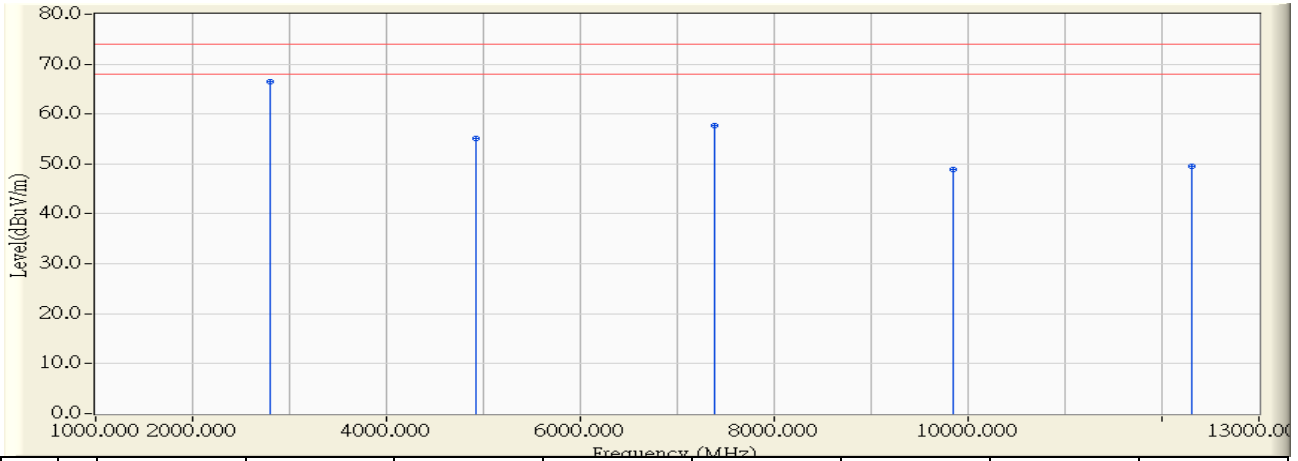


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	2819.000	-3.762	36.332	32.570	-21.430	74.000	54.000	AVERAGE

**Note:**

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

Site : CB1	Time : 2011/11/08 - 16:47
Limit : FCC_SpartC_15.247_H_03M_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 : TX-2462MHz,802.11n(20MHz)

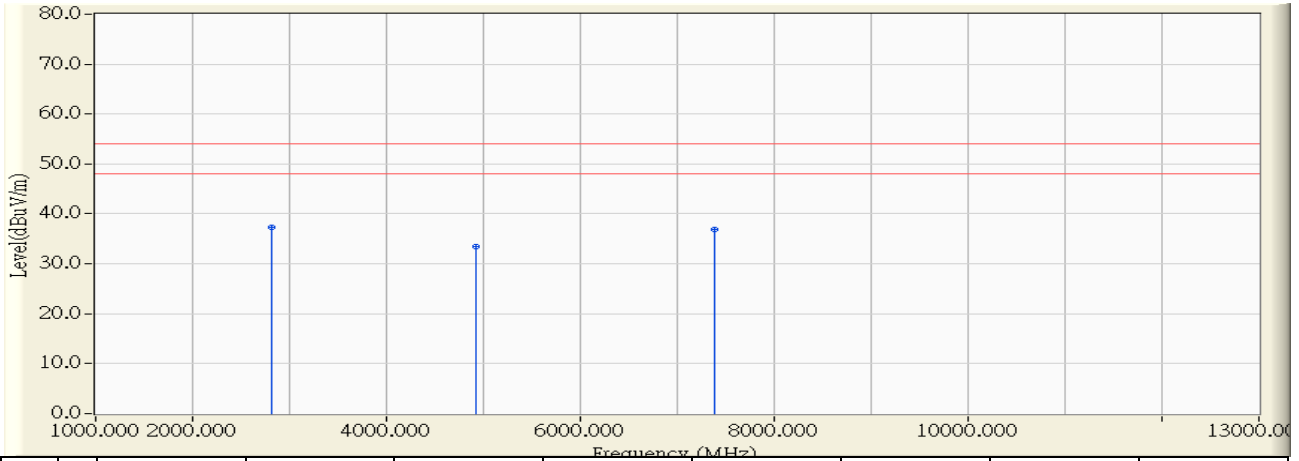


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	2801.500	-3.715	70.114	66.399	-7.601	74.000	54.000	PEAK
2		4924.100	-0.541	55.592	55.052	-18.948	74.000	54.000	PEAK
3		7381.100	5.847	51.758	57.605	-16.395	74.000	54.000	PEAK
4		9848.400	10.682	38.214	48.897	-25.103	74.000	54.000	PEAK
5		12310.400	11.436	38.024	49.461	-24.539	74.000	54.000	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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 : 2011/11/08 - 16:48
Limit : FCC_SpartC_15.247_H_03M_AV	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 : TX-2462MHz,802.11n(20MHz)

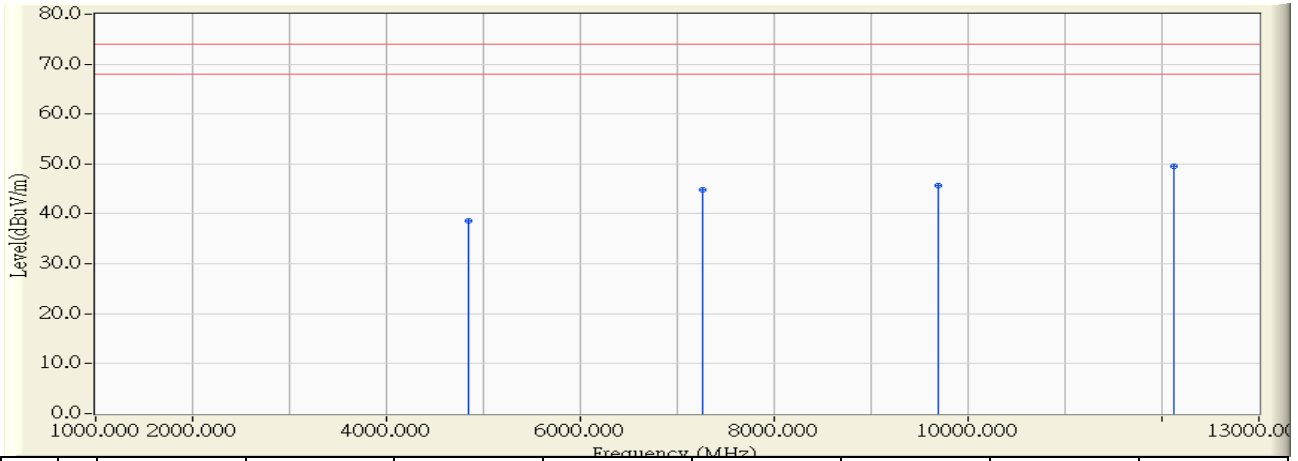


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	2811.500	-3.741	41.013	37.271	-16.729	74.000	54.000	AVERAGE
2		4923.700	-0.541	33.938	33.397	-20.603	74.000	54.000	AVERAGE
3		7384.400	5.855	30.964	36.818	-17.182	74.000	54.000	AVERAGE

Note:

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

Site : CB1	Time : 2011/11/08 - 17:13
Limit : FCC_SpartC_15.247_H_03M_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 : TX-2422MHz,802.11n(40MHz)

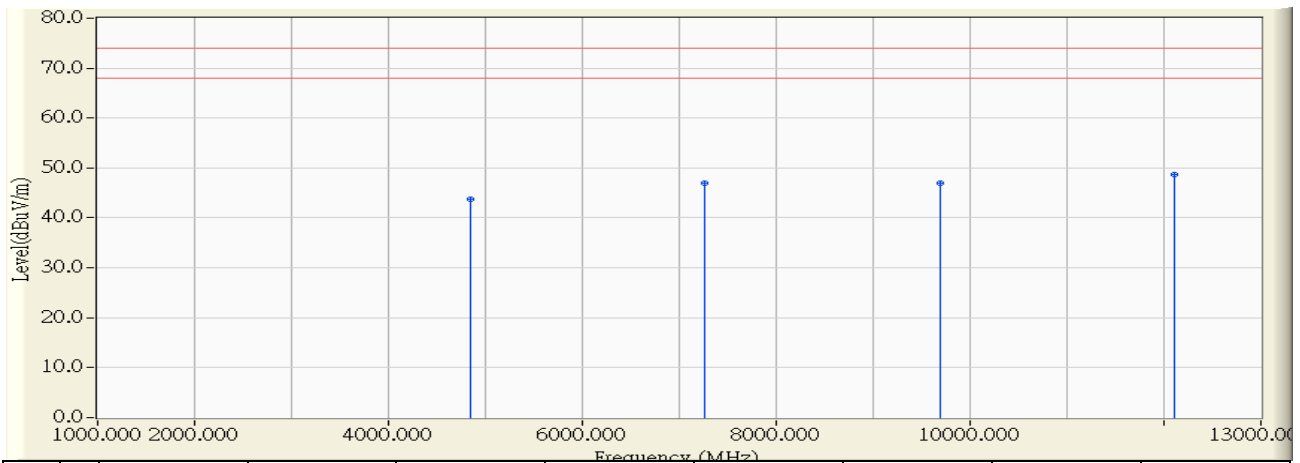


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	4841.350	-0.758	39.298	38.540	-35.460	74.000	54.000	PEAK
2	7265.450	5.568	39.172	44.739	-29.261	74.000	54.000	PEAK
3	9687.100	9.515	36.170	45.684	-28.316	74.000	54.000	PEAK
4	* 12115.500	11.505	38.127	49.633	-24.367	74.000	54.000	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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 : 2011/11/08 - 17:07
Limit : FCC SpartC_15.247_H_03M_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 : TX-2422MHz,802.11n(40MHz)

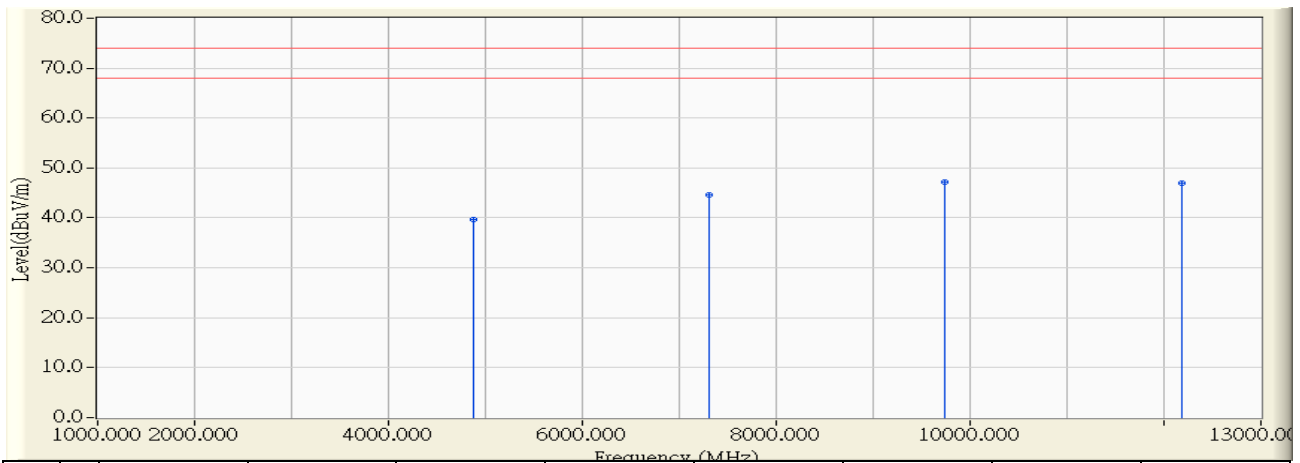


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	4843.900	-0.751	44.574	43.823	-30.177	74.000	54.000	PEAK
2	7254.900	5.542	41.349	46.891	-27.109	74.000	54.000	PEAK
3	9689.900	9.534	37.443	46.977	-27.023	74.000	54.000	PEAK
4	* 12108.800	11.508	37.159	48.667	-25.333	74.000	54.000	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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 : 2011/11/08 - 17:24
Limit : FCC_SpartC_15.247_H_03M_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 : TX-2437MHz,802.11n(40MHz)

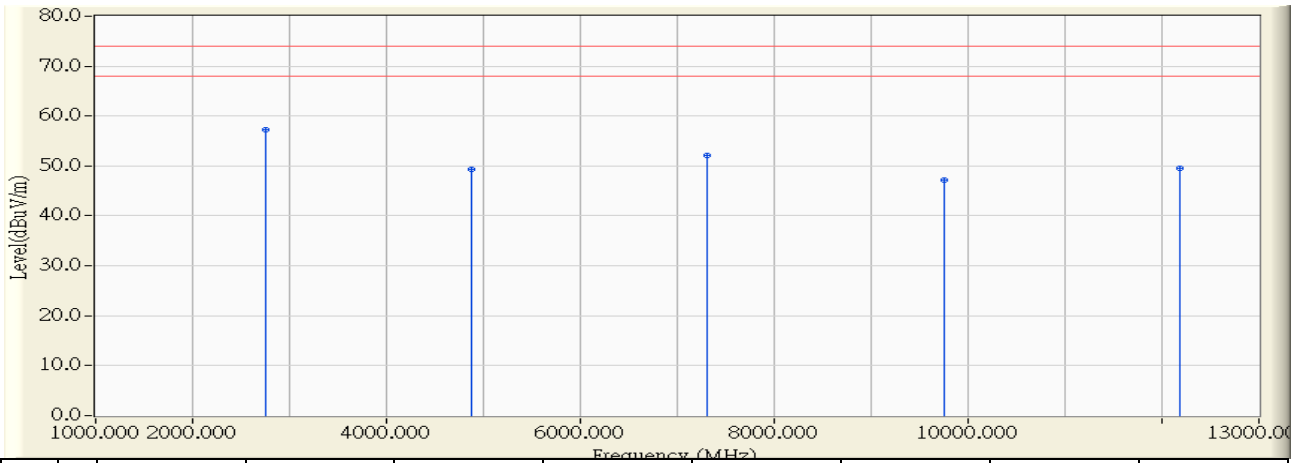


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	4874.150	-0.672	40.272	39.600	-34.400	74.000	54.000	PEAK
2	7304.250	5.661	38.952	44.613	-29.387	74.000	54.000	PEAK
3	* 9745.750	9.939	37.192	47.131	-26.869	74.000	54.000	PEAK
4	12183.900	11.482	35.431	46.913	-27.087	74.000	54.000	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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 : 2011/11/08 - 17:16
Limit : FCC_SpartC_15.247_H_03M_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 : TX-2437MHz,802.11n(40MHz)

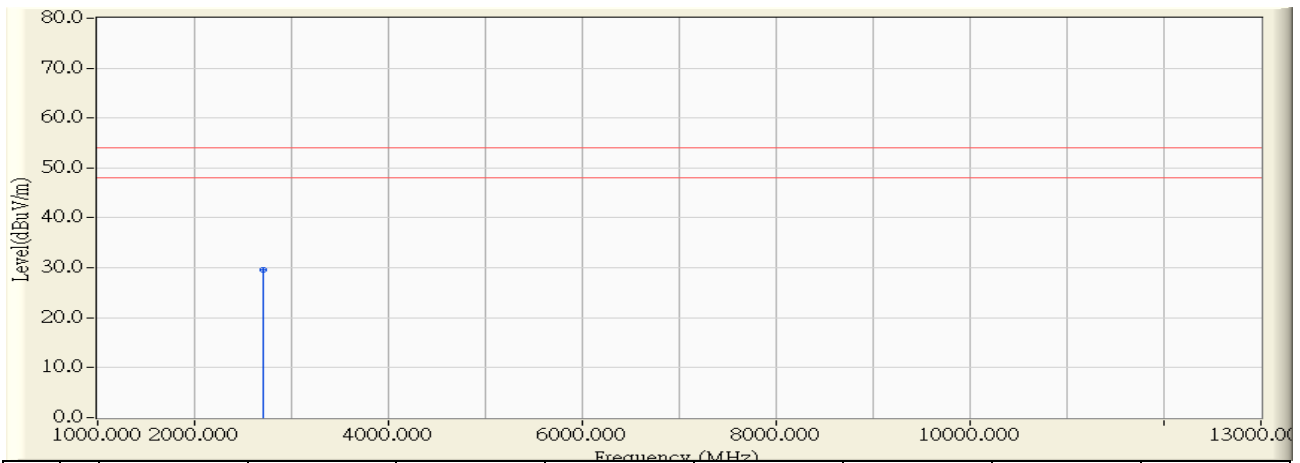


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	* 2761.500	-3.610	60.882	57.272	-16.728	74.000	54.000	PEAK
2	4874.050	-0.672	49.927	49.255	-24.745	74.000	54.000	PEAK
3	7309.000	5.672	46.449	52.122	-21.878	74.000	54.000	PEAK
4	9747.400	9.951	37.312	47.263	-26.737	74.000	54.000	PEAK
5	12184.600	11.482	38.007	49.488	-24.512	74.000	54.000	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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 : 2011/11/08 - 17:18
Limit : FCC_SpartC_15.247_H_03M_AV	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 : TX-2437MHz,802.11n(40MHz)



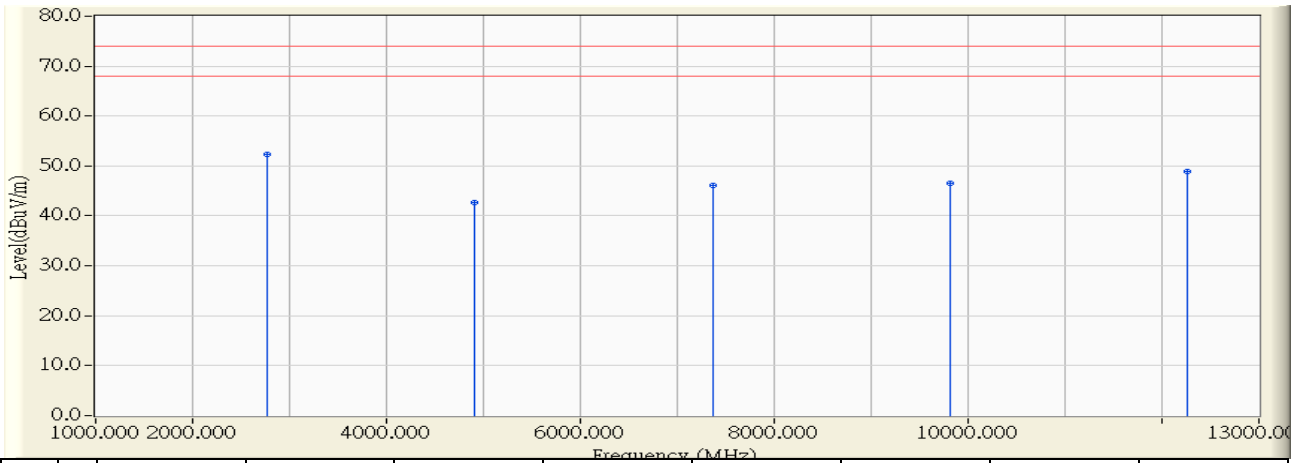
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	2710.000	-3.475	32.986	29.511	-24.489	74.000	54.000	AVERAGE

**Note:**

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



Site : CB1	Time : 2011/11/08 - 17:37
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Dark Knight Double 450Mbps Dual N Band Router	Note : TX-2452MHz,802.11n(40MHz)

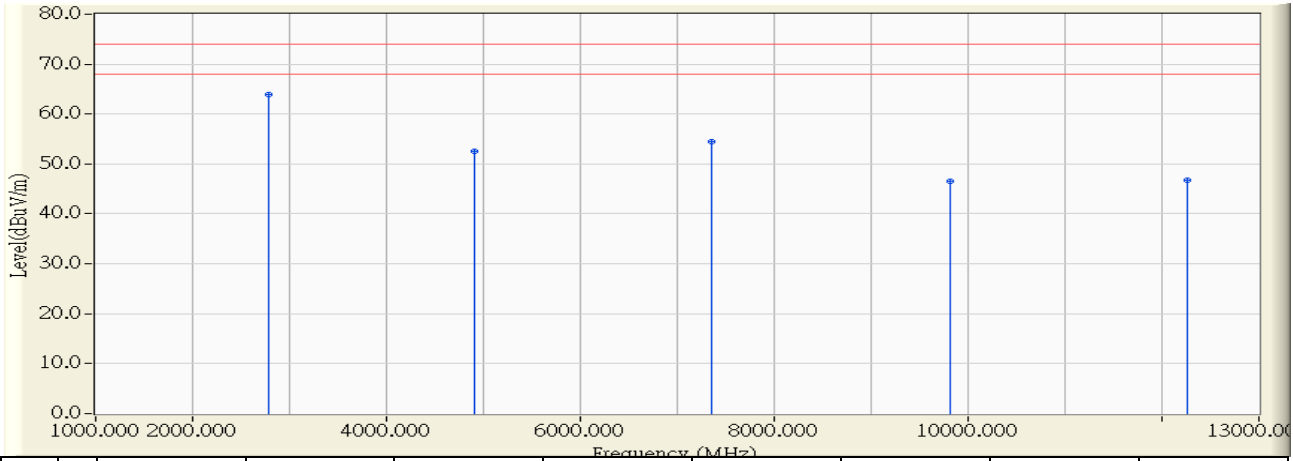


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	* 2775.800	-3.648	55.926	52.278	-21.722	74.000	54.000	PEAK
2	4903.900	-0.593	43.269	42.676	-31.324	74.000	54.000	PEAK
3	7361.850	5.801	40.273	46.073	-27.927	74.000	54.000	PEAK
4	9808.600	10.395	36.049	46.444	-27.556	74.000	54.000	PEAK
5	12256.900	11.456	37.357	48.813	-25.187	74.000	54.000	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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 : 2011/11/08 - 17:27
Limit : FCC_SpartC_15.247_H_03M_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 : TX-2452MHz,802.11n(40MHz)

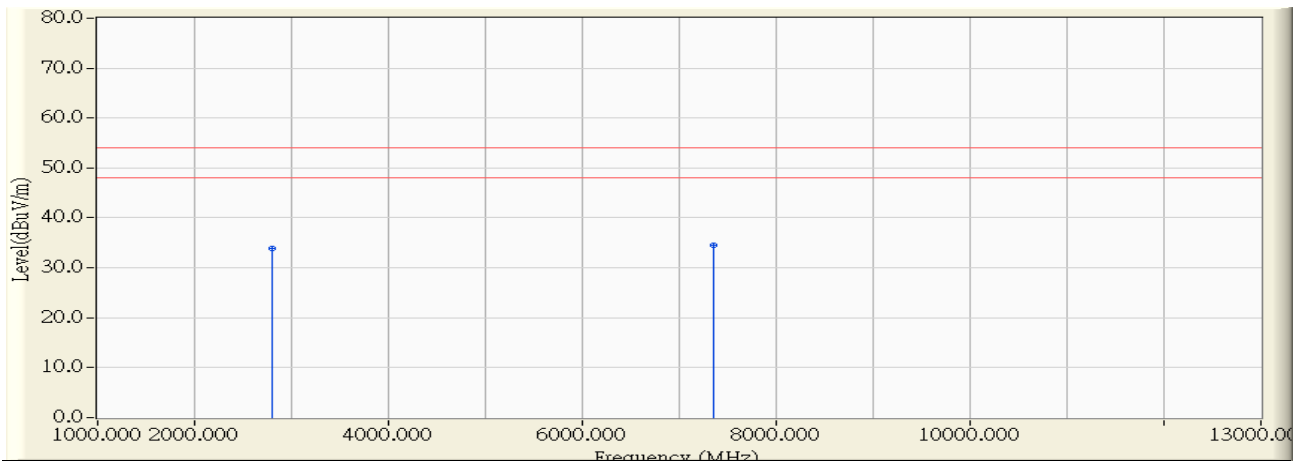


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	2782.500	-3.667	67.625	63.959	-10.041	74.000	54.000	PEAK
2		4903.900	-0.593	53.142	52.549	-21.451	74.000	54.000	PEAK
3		7353.750	5.781	48.590	54.371	-19.629	74.000	54.000	PEAK
4		9808.400	10.392	36.082	46.475	-27.525	74.000	54.000	PEAK
5		12260.650	11.455	35.291	46.745	-27.255	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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 : 2011/11/08 - 17:28
Limit : FCC_SpartC_15.247_H_03M_AV	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 : TX-2452MHz,802.11n(40MHz)

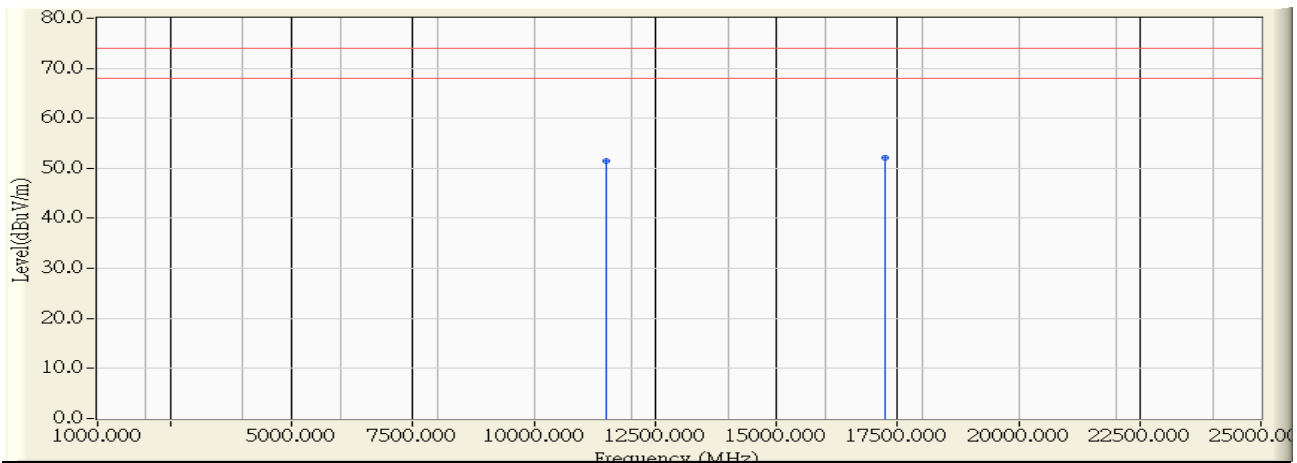


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	2800.000	-3.712	37.659	33.947	-20.053	74.000	54.000	AVERAGE
2	* 7346.350	5.763	28.837	34.600	-19.400	74.000	54.000	AVERAGE

**Note:**

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

Site : CB1	Time : 2011/11/10 - 13:35
Limit : FCC_SpartC_15.247_H_03M_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 : TX-5745MHz,802.11a

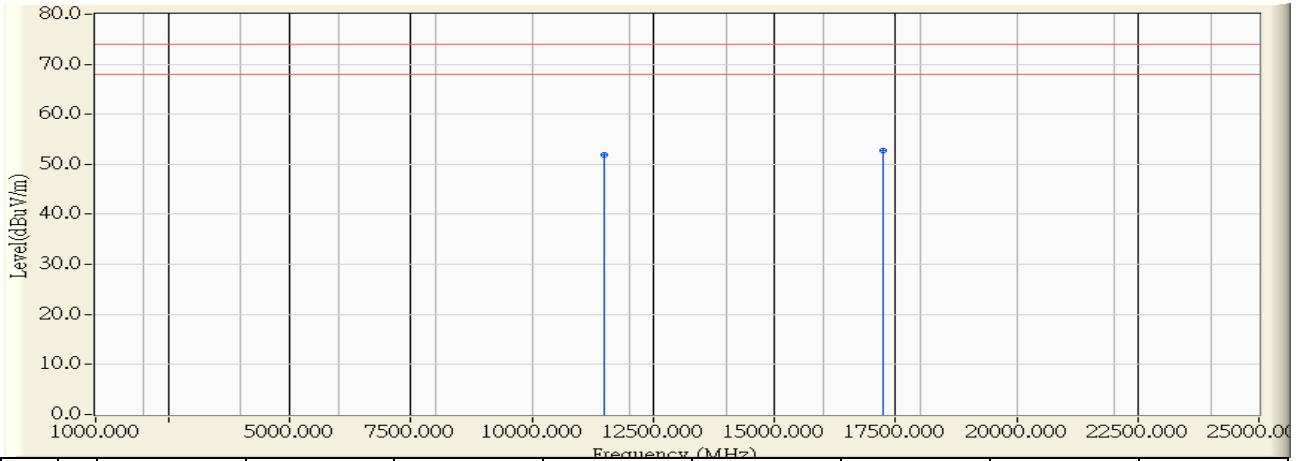


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	11489.550	12.136	39.339	51.475	-22.525	74.000	54.000	PEAK
2	* 17233.400	15.734	36.342	52.076	-21.924	74.000	54.000	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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 : 2011/11/10 - 13:32
Limit : FCC_SpartC_15.247_H_03M_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 : TX-5745MHz,802.11a

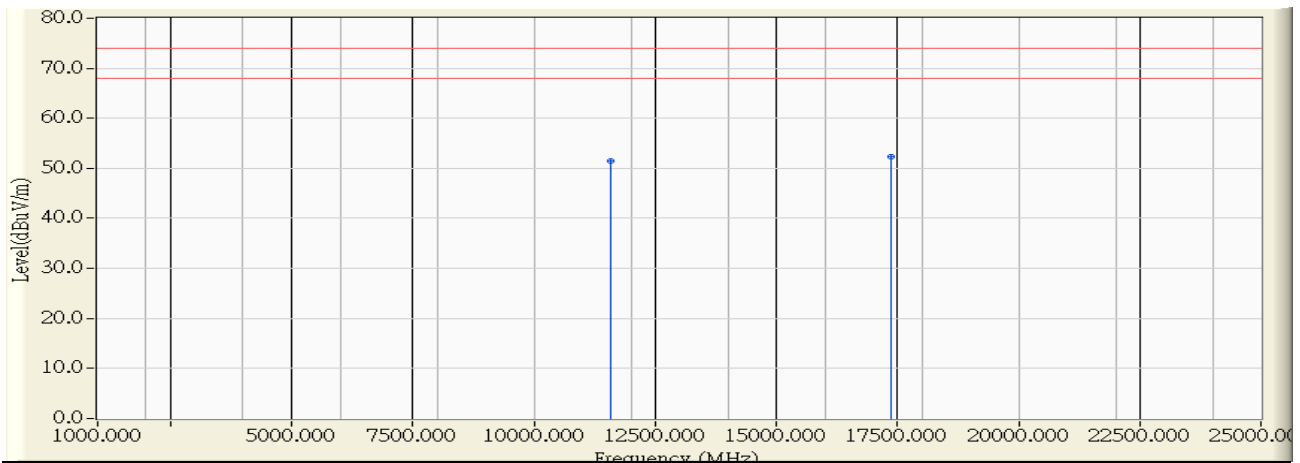


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	11489.900	12.136	39.785	51.920	-22.080	74.000	54.000	PEAK
2	* 17235.650	15.743	37.114	52.857	-21.143	74.000	54.000	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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 : 2011/11/10 - 13:41
Limit : FCC_SpartC_15.247_H_03M_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 : TX-5785MHz,802.11a

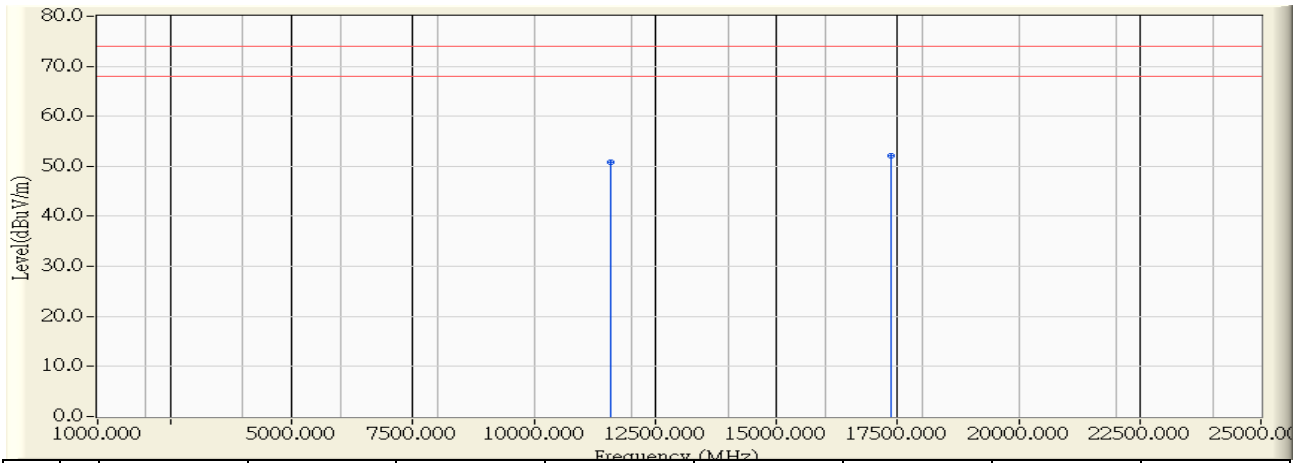


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	11570.000	12.049	39.328	51.377	-22.623	74.000	54.000	PEAK
2	* 17354.250	16.225	36.165	52.390	-21.610	74.000	54.000	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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 : 2011/11/10 - 13:37
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : Dark Knight Double 450Mbps Dual N Band Router	Note : TX-5785MHz,802.11a

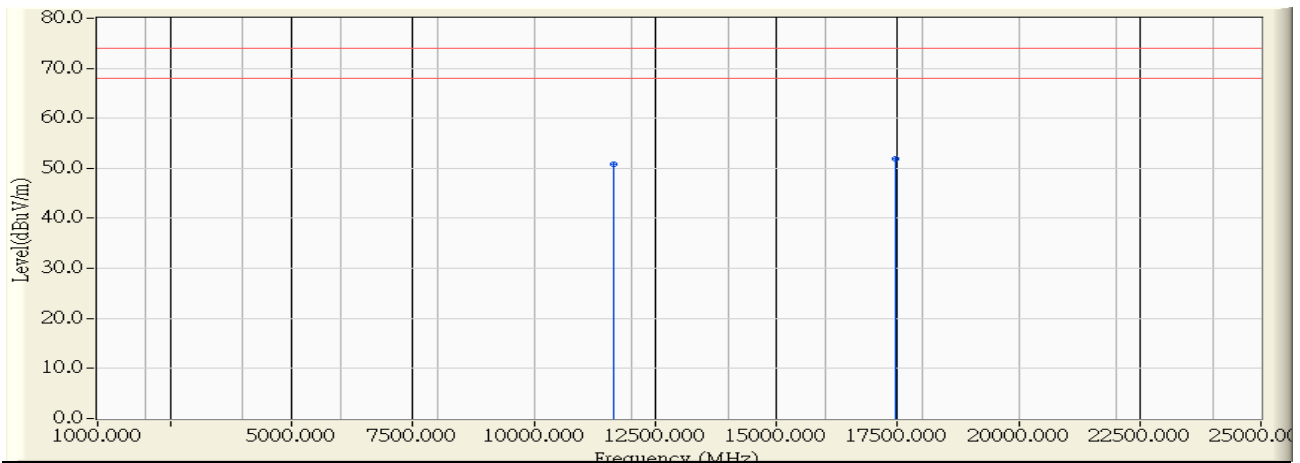


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	11569.600	12.049	38.698	50.747	-23.253	74.000	54.000	PEAK
2	* 17359.650	16.248	35.960	52.207	-21.793	74.000	54.000	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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 : 2011/11/10 - 13:49
Limit : FCC_SpartC_15.247_H_03M_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 : TX-5825MHz,802.11a



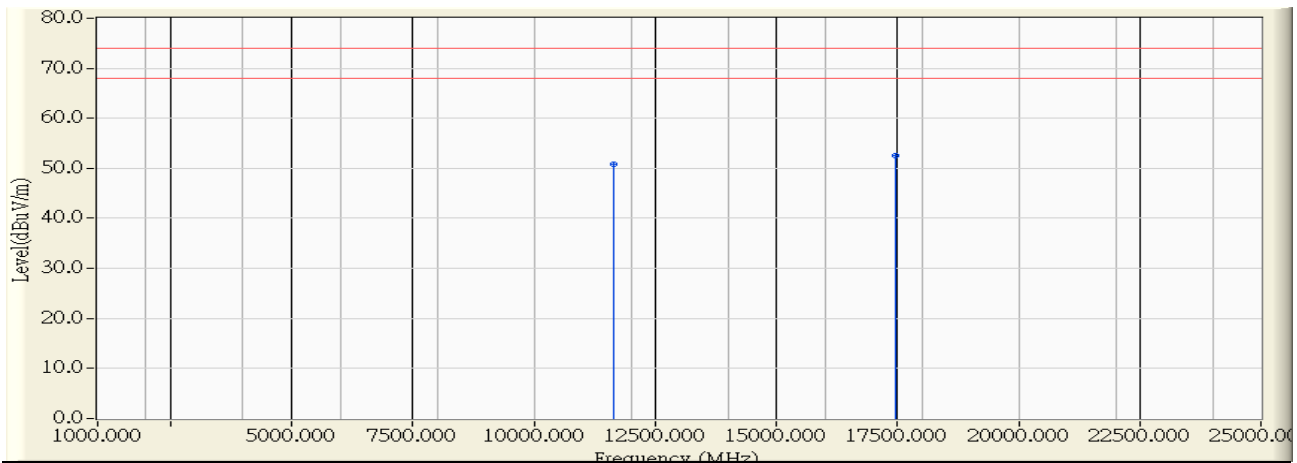
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	11650.450	11.956	38.770	50.725	-23.275	74.000	54.000	PEAK
2	* 17474.750	16.715	35.202	51.917	-22.083	74.000	54.000	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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 : 2011/11/10 - 13:45
Limit : FCC_SpartC_15.247_H_03M_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 : TX-5825MHz,802.11a

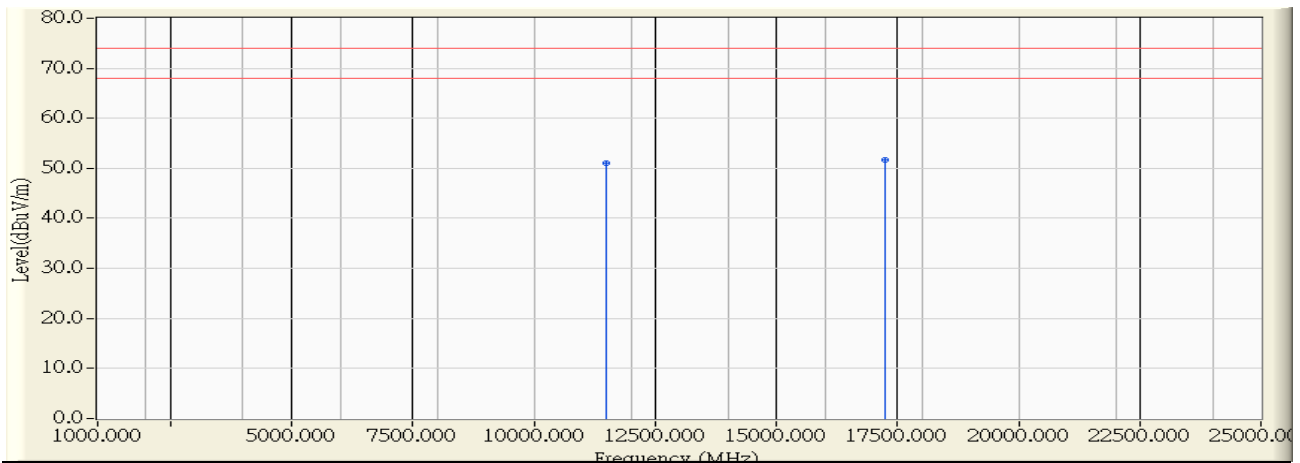


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	11650.400	11.956	38.963	50.918	-23.082	74.000	54.000	PEAK
2	* 17475.350	16.717	35.868	52.586	-21.414	74.000	54.000	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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 : 2011/11/10 - 13:54
Limit : FCC_SpartC_15.247_H_03M_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 : TX-5745MHz,802.11n(20MHz)

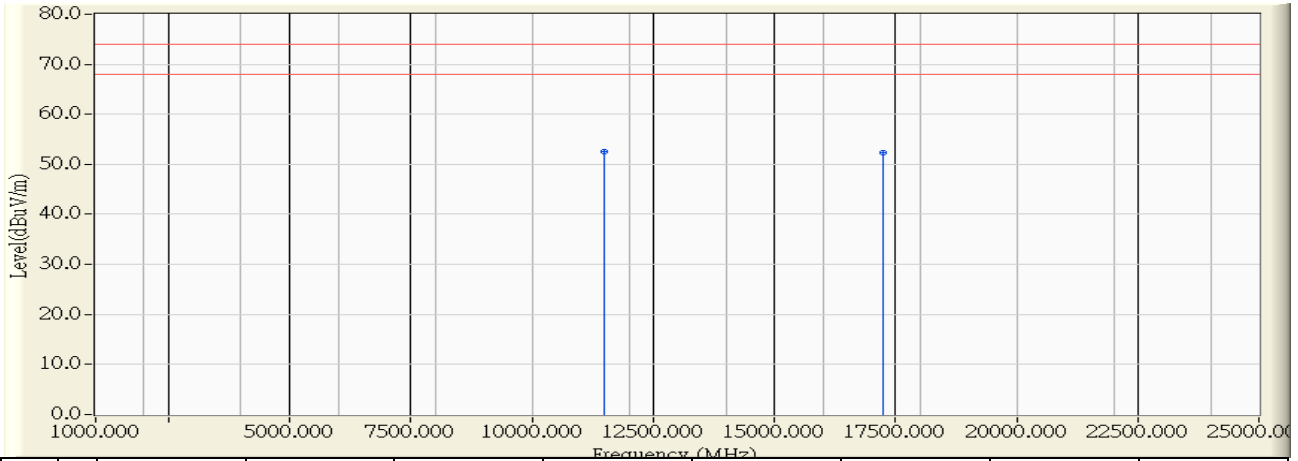


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	11489.250	12.137	38.828	50.964	-23.036	74.000	54.000	PEAK
2	* 17234.450	15.738	36.050	51.788	-22.212	74.000	54.000	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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 : 2011/11/10 - 13:54
Limit : FCC_SpartC_15.247_H_03M_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 : TX-5745MHz,802.11n(20MHz)

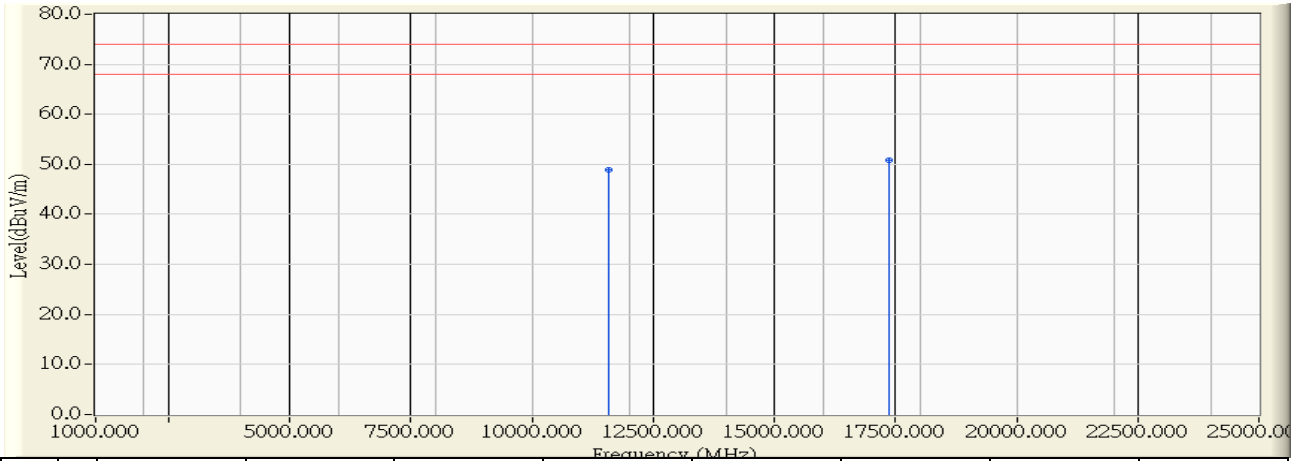


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	11489.850	12.136	40.328	52.463	-21.537	74.000	54.000	PEAK
2		17235.500	15.742	36.484	52.226	-21.774	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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 : 2011/11/10 - 13:56
Limit : FCC_SpartC_15.247_H_03M_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 : TX-5785MHz,802.11n(20MHz)

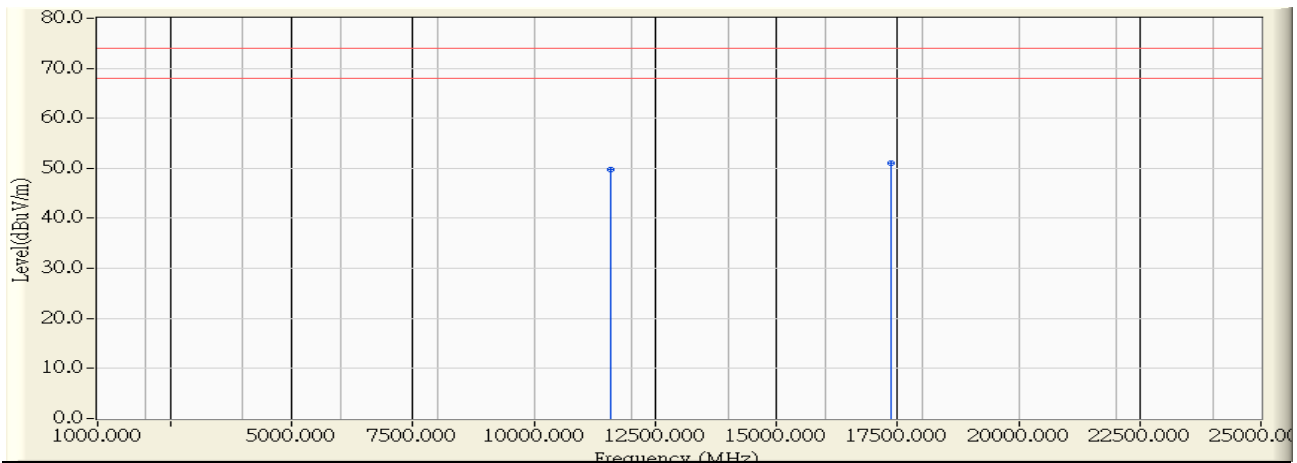


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	11569.650	12.049	36.906	48.955	-25.045	74.000	54.000	PEAK
2	* 17354.900	16.228	34.506	50.734	-23.266	74.000	54.000	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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 : 2011/11/10 - 13:55
Limit : FCC_SpartC_15.247_H_03M_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 : TX-5785MHz,802.11n(20MHz)

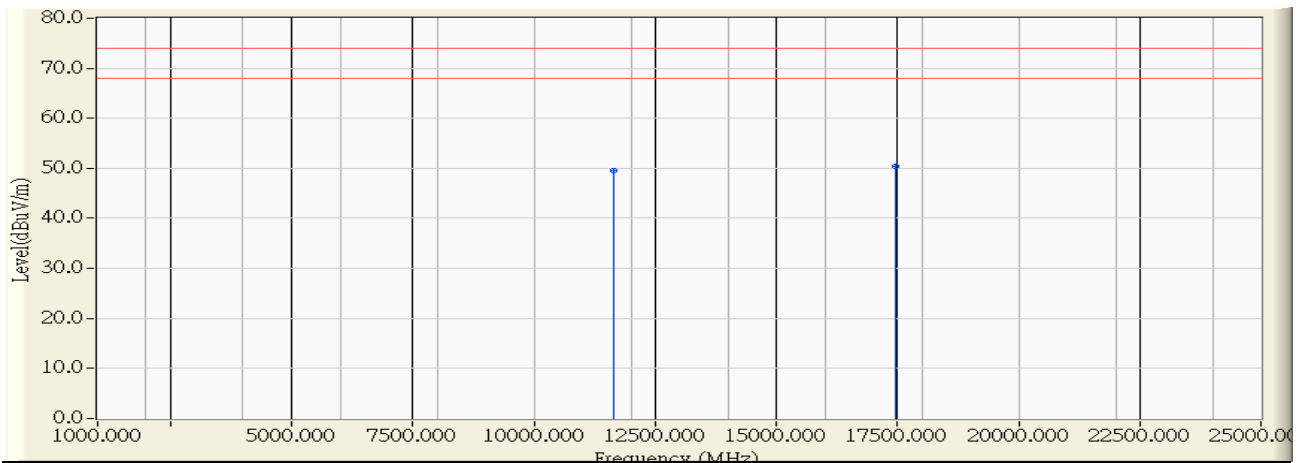


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	11570.550	12.048	37.760	49.808	-24.192	74.000	54.000	PEAK
2	* 17355.300	16.229	34.769	50.998	-23.002	74.000	54.000	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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 : 2011/11/10 - 13:57
Limit : FCC_SpartC_15.247_H_03M_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 : TX-5825MHz,802.11n(20MHz)

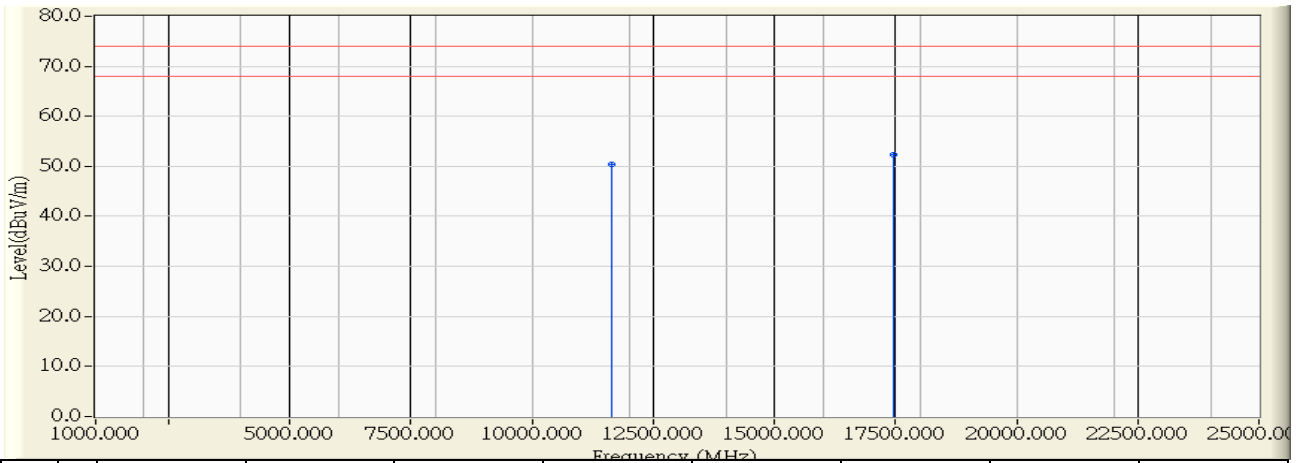


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	11649.200	11.957	37.507	49.464	-24.536	74.000	54.000	PEAK
2	* 17474.150	16.712	33.700	50.413	-23.587	74.000	54.000	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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 : 2011/11/10 - 13:57
Limit : FCC_SpartC_15.247_H_03M_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 : TX-5825MHz,802.11n(20MHz)

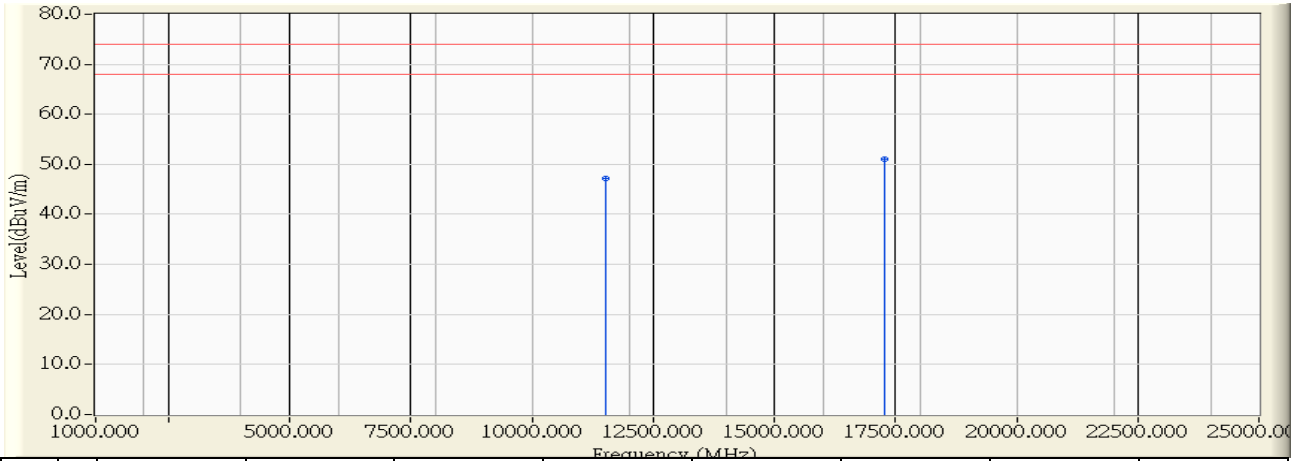


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	11650.000	11.956	38.410	50.366	-23.634	74.000	54.000	PEAK
2	* 17475.150	16.717	35.708	52.425	-21.575	74.000	54.000	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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 : 2011/11/10 - 14:00
Limit : FCC_SpartC_15.247_H_03M_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 : TX-5755MHz,802.11n(40MHz)



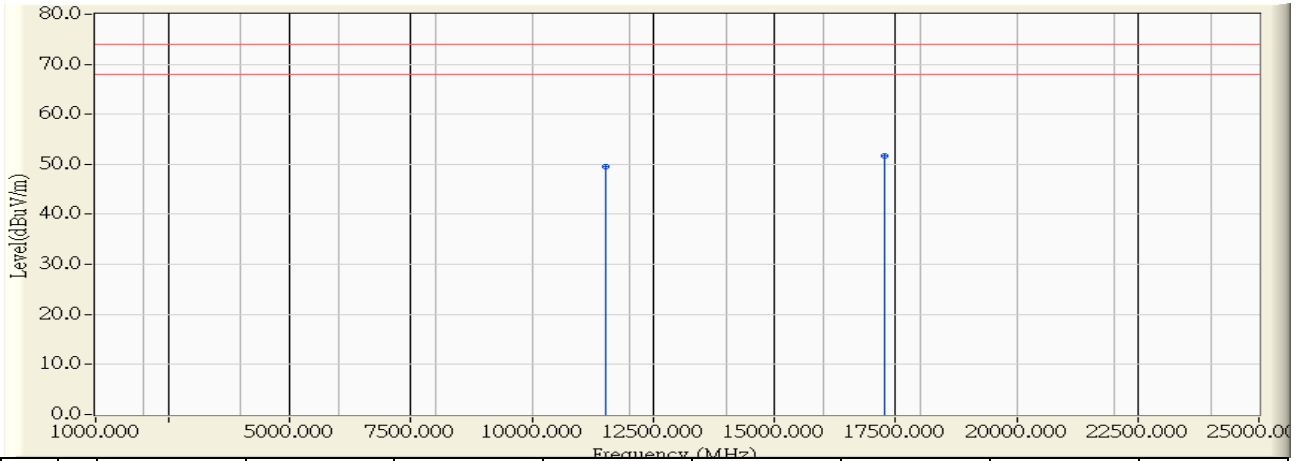
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	11510.600	12.117	35.037	47.154	-26.846	74.000	54.000	PEAK
2	* 17265.100	15.862	35.221	51.084	-22.916	74.000	54.000	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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 : 2011/11/10 - 13:59
Limit : FCC_SpartC_15.247_H_03M_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 : TX-5755MHz,802.11n(40MHz)

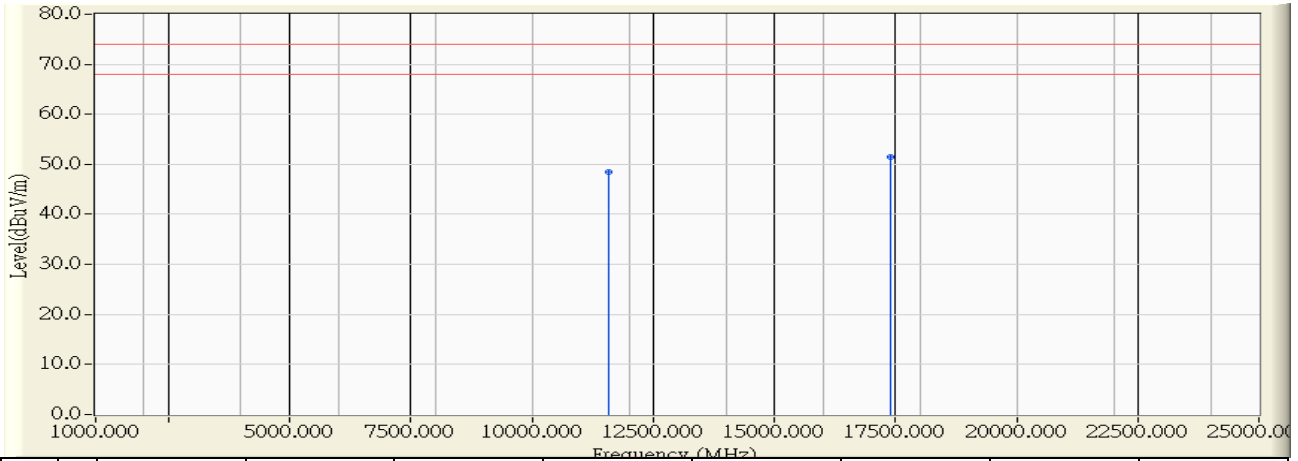


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	11509.750	12.118	37.476	49.595	-24.405	74.000	54.000	PEAK
2	* 17264.900	15.862	35.723	51.585	-22.415	74.000	54.000	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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 : 2011/11/10 - 14:02
Limit : FCC_SpartC_15.247_H_03M_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 : TX-5795MHz,802.11n(40MHz)

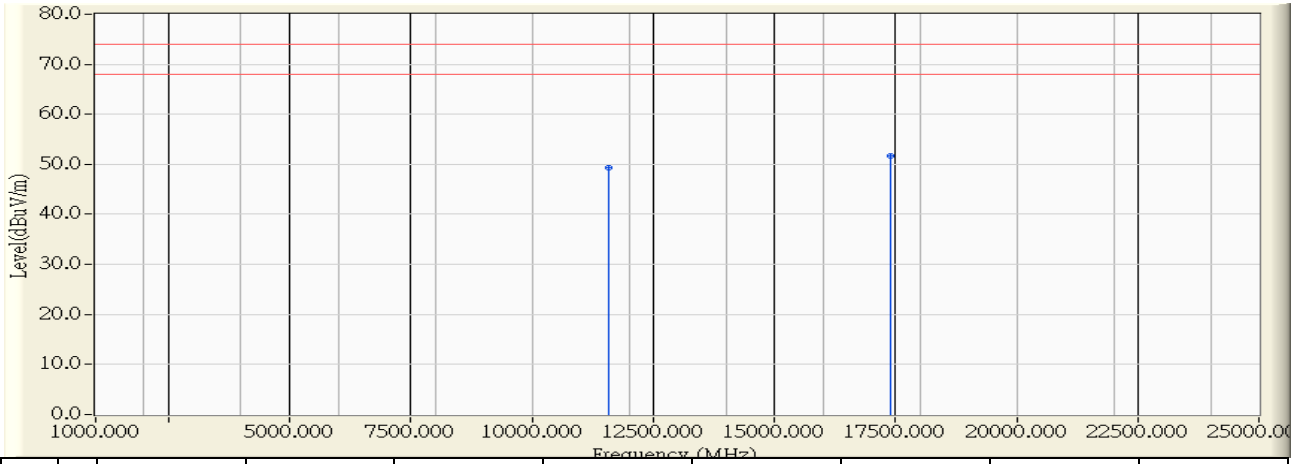


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	11590.350	12.025	36.439	48.464	-25.536	74.000	54.000	PEAK
2	* 17385.850	16.354	35.226	51.580	-22.420	74.000	54.000	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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 : 2011/11/10 - 14:01
Limit : FCC_SpartC_15.247_H_03M_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 : TX-5795MHz,802.11n(40MHz)



	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	11588.900	12.026	37.273	49.300	-24.700	74.000	54.000	PEAK
2	* 17386.400	16.356	35.231	51.587	-22.413	74.000	54.000	PEAK

Note:

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

**5. RF antenna conducted test**

**5.1. Test Equipment**

The following test equipments are used during the test:

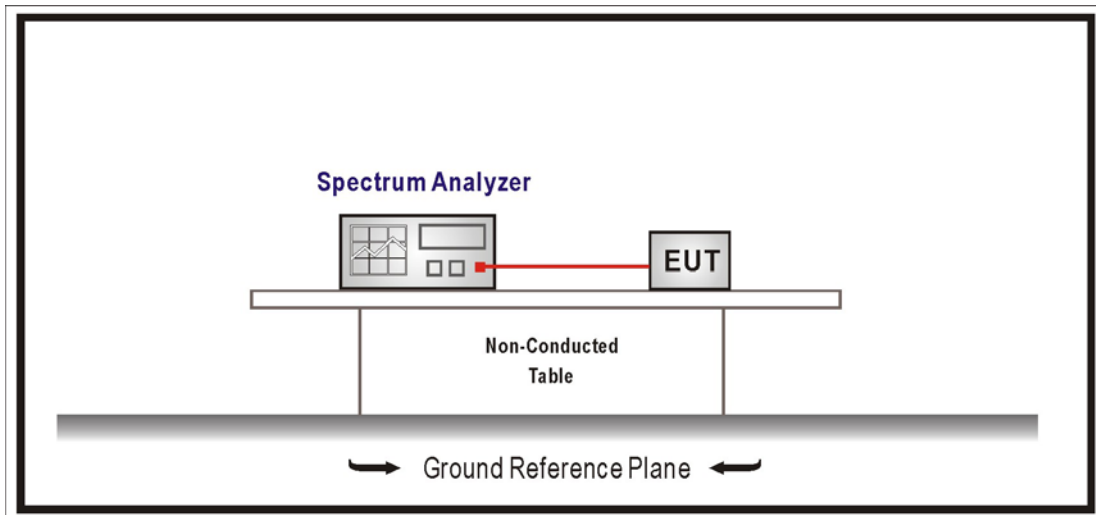
**RF antenna conducted test / SR7**

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	R&S	FSP	100561	2012/01/16

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

**5.2. Test Setup**

RF Antenna Conducted Measurement:



### 5.3. Limits

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

### 5.4. Test Procedure

The EUT was setup according to ANSI C63.4: 2009 and tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements Set RBW = 100 kHz, Set VBW > RBW, scan up through 10th harmonic.

### 5.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.207: 2010

### 5.6. Uncertainty

Conducted is defined as  $\pm 1.27$ dB

5.7. Test Result

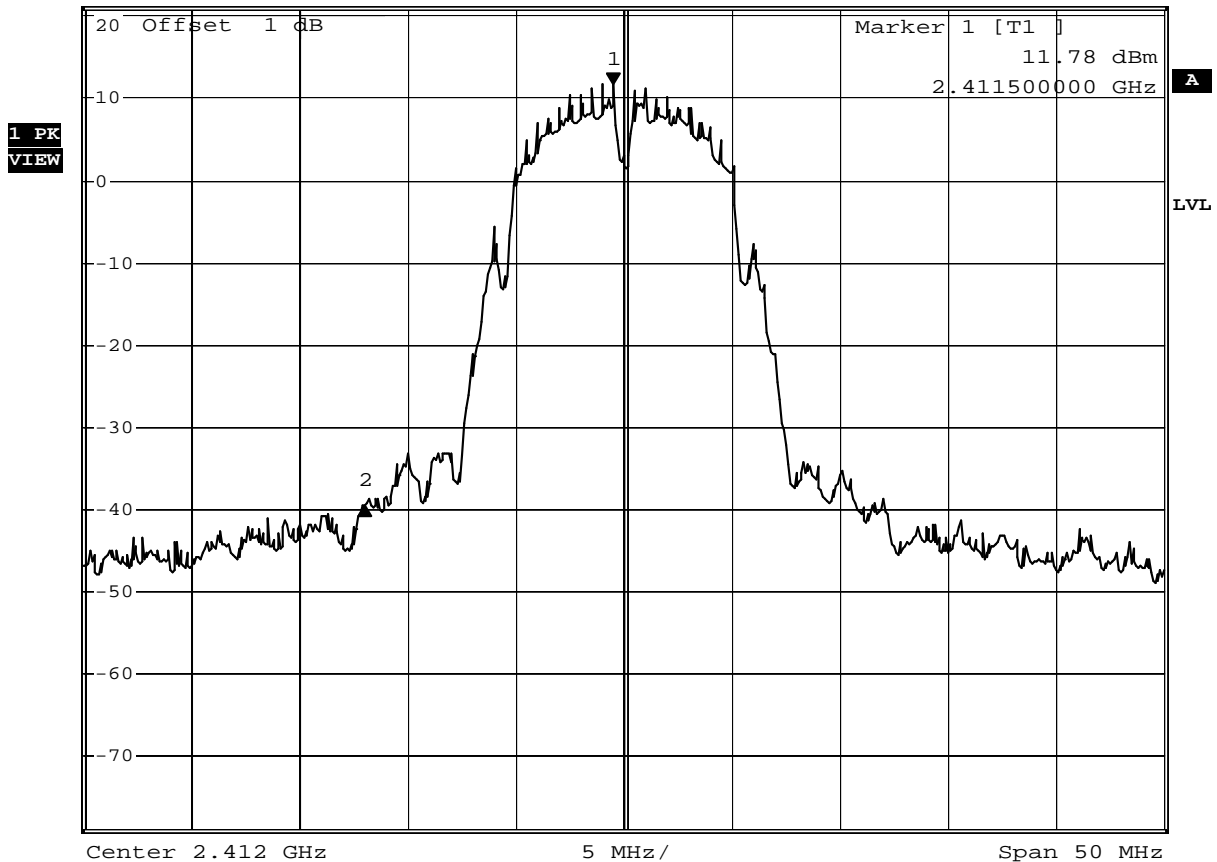
Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/12	Test Site	SR7

IEEE 802.11b, Antenna Gain: 2dBi Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	51.15	≥20	Pass
11	2462	56.10	≥20	Pass

Channel 01 (2412MHz)



\*RBW 100 kHz Delta 2 [T1 ]  
 \*VBW 100 kHz -51.15 dB  
 Ref 21 dBm \*Att 30 dB \*SWT 100 ms -11.50000000 MHz



Date: 12.NOV.2011 10:10:22

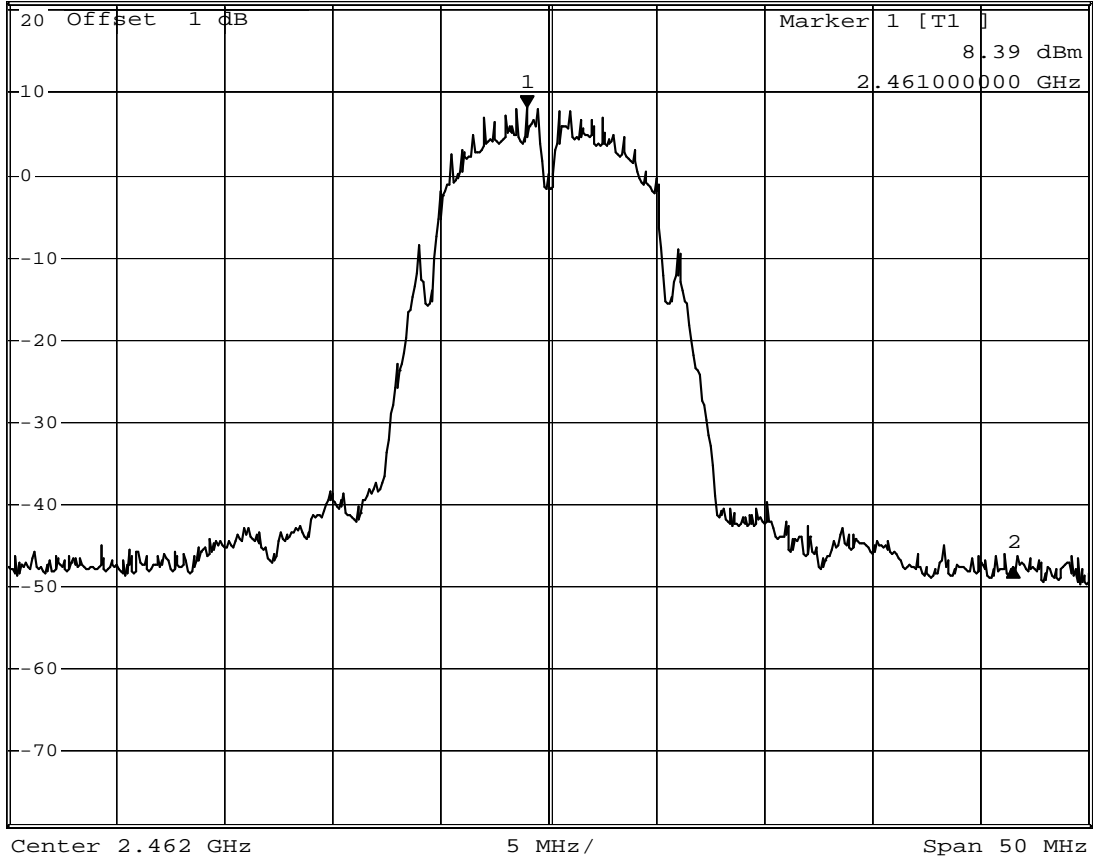
Channel 11 (2462MHz)



\*RBW 100 kHz Delta 2 [T1 ]  
 \*VBW 100 kHz -56.10 dB  
 \*SWT 100 ms 22.50000000 MHz

Ref 21 dBm

\*Att 30 dB

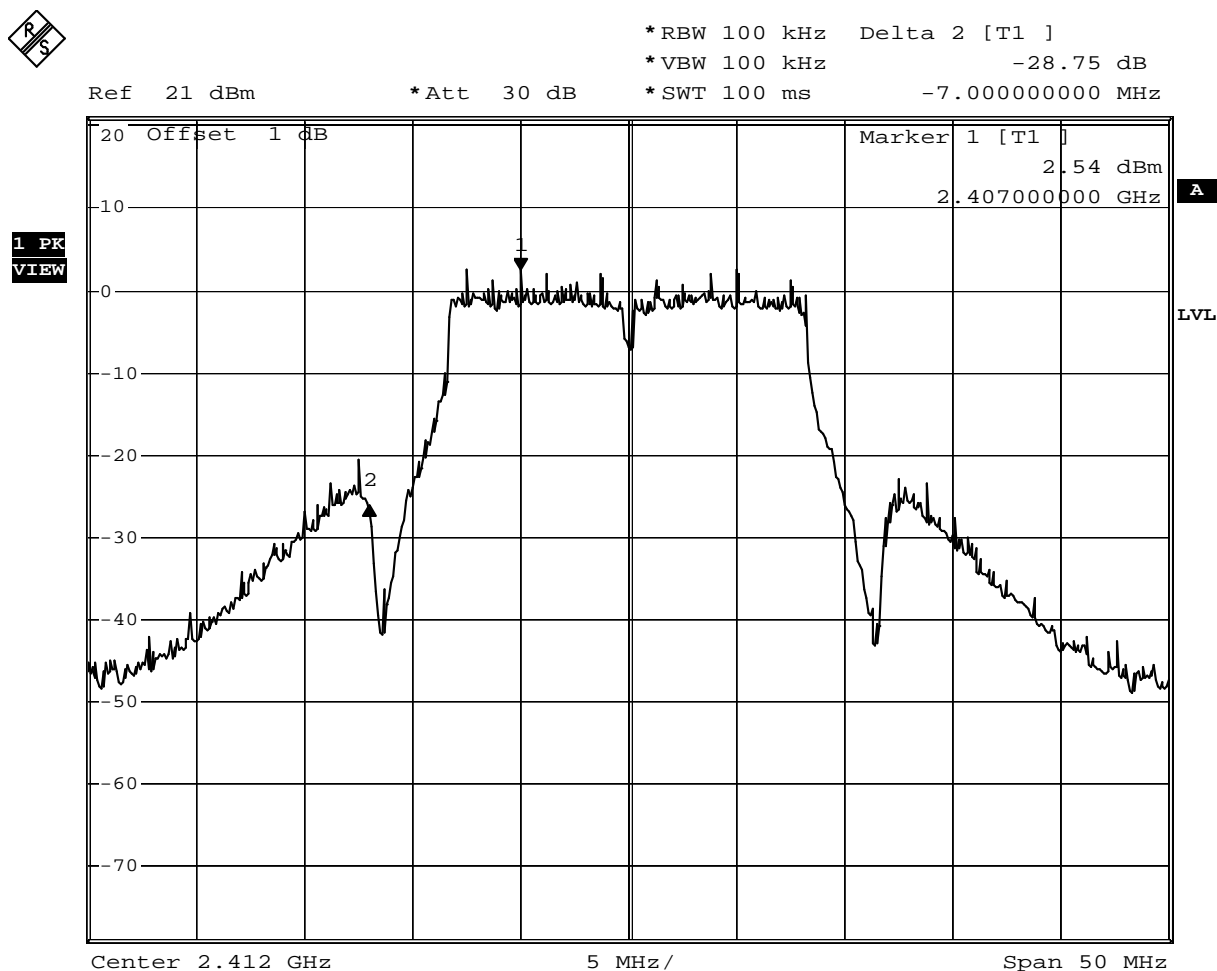


Date: 12.NOV.2011 10:11:49

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/12	Test Site	SR7

IEEE 802.11g, Antenna Gain: 2dBi Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	28.75	≥20	Pass
11	2462	47.73	≥20	Pass

### Channel 01 (2412MHz)



Date: 12.NOV.2011 10:13:32



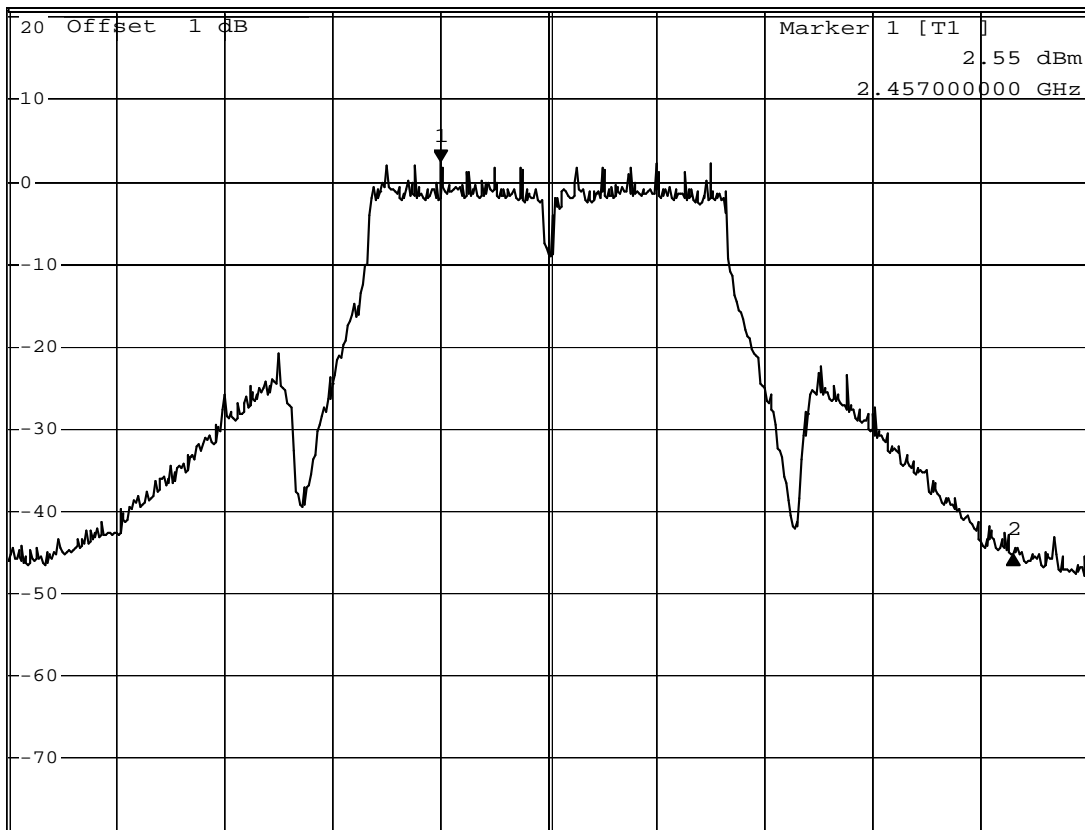
Channel 11 (2462MHz)



\*RBW 100 kHz Delta 2 [T1 ]  
 \*VBW 100 kHz -47.73 dB  
 \*SWT 100 ms 26.50000000 MHz

Ref 21 dBm \*Att 30 dB

1 PK  
VIEW



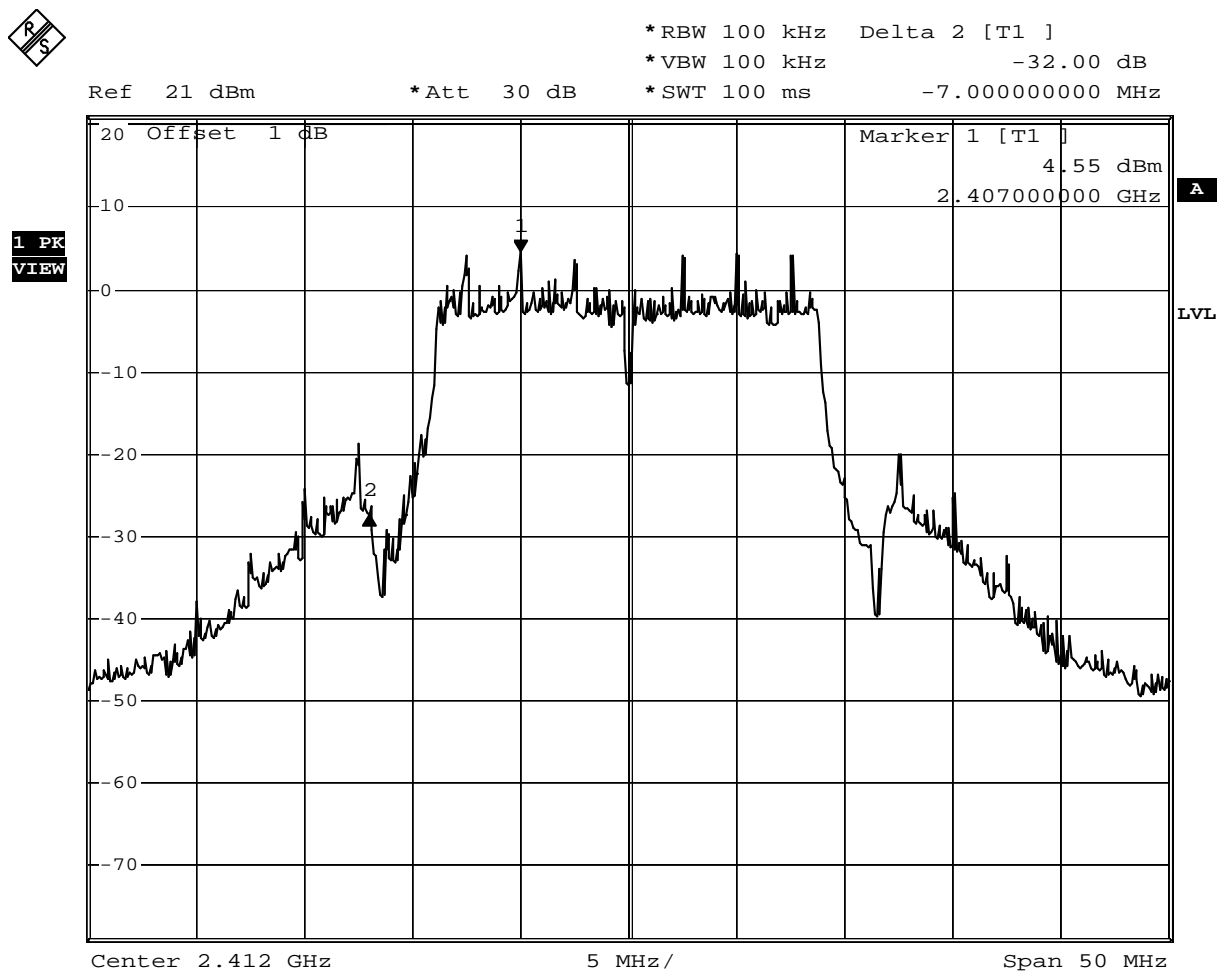
Center 2.462 GHz 5 MHz/ Span 50 MHz

Date: 12.NOV.2011 10:12:53

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/12	Test Site	SR7

IEEE 802.11n (20MHz), (ANT 0) Antenna Gain: 2dBi Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	32.00	≥20	Pass
11	2462	44.66	≥20	Pass

### Channel 1 (2412MHz)



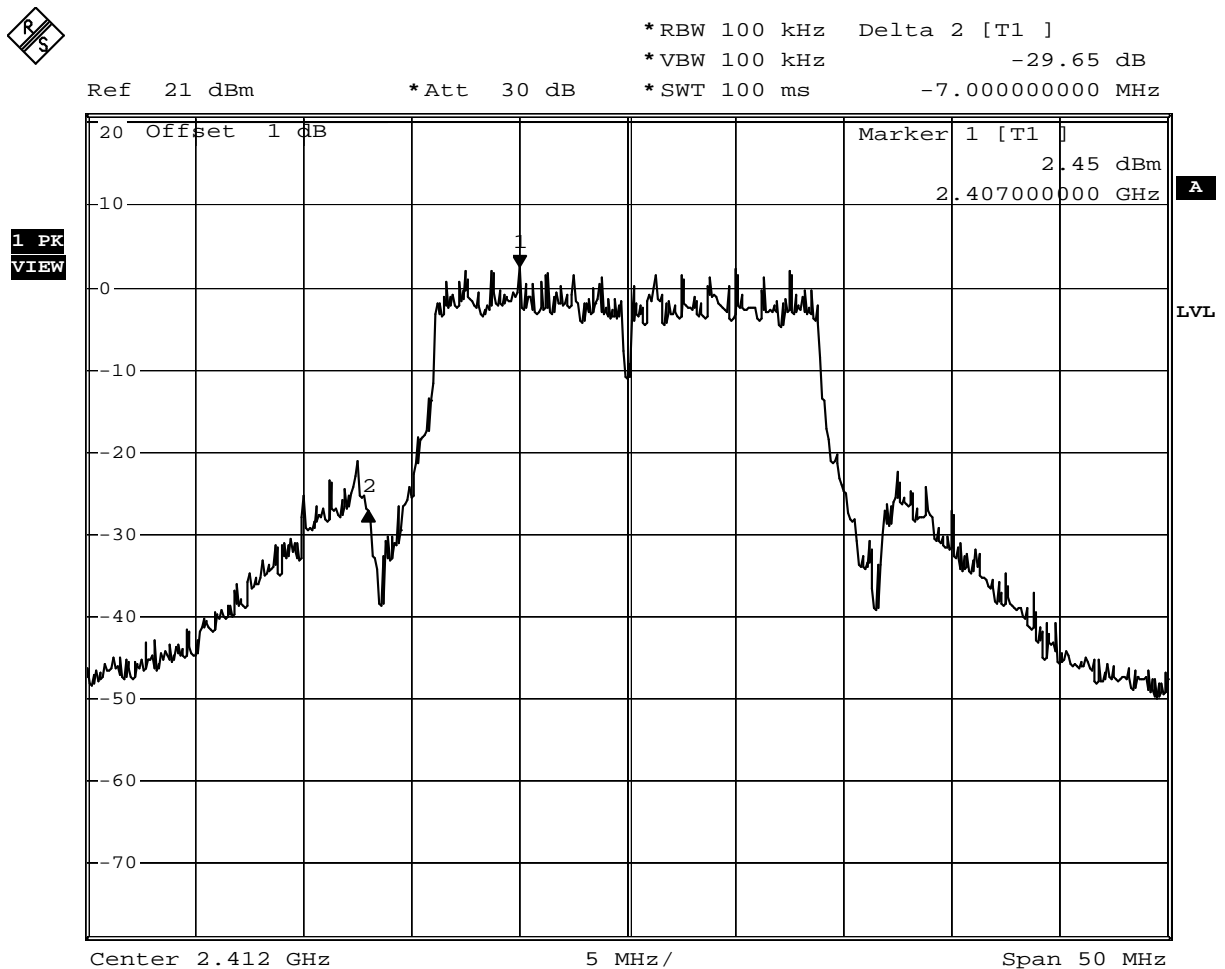
Date: 12.NOV.2011 10:14:34



Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/12	Test Site	SR7

IEEE 802.11n (20MHz), (ANT 1) Antenna Gain: 2dBi Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	29.65	≥20	Pass
11	2462	46.16	≥20	Pass

### Channel 1 (2412MHz)



Date: 12.NOV.2011 10:15:42

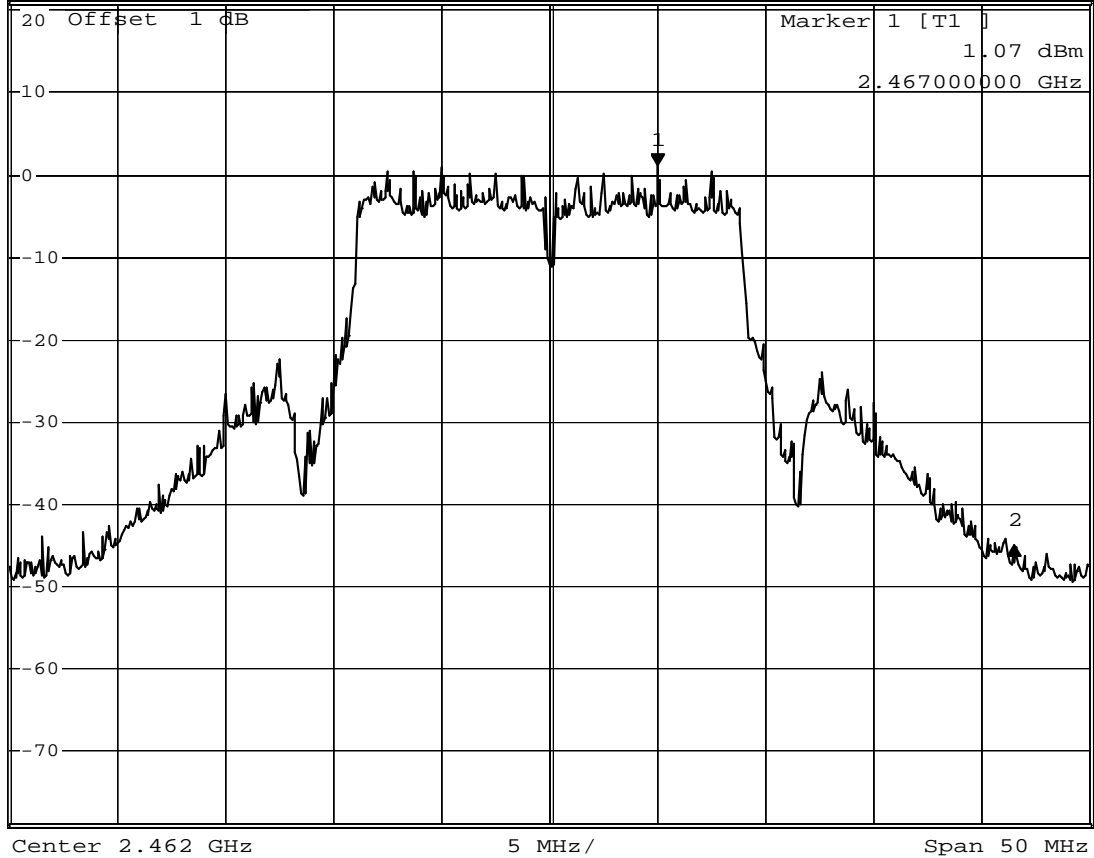
Channel 11 (2462MHz)



\*RBW 100 kHz Delta 2 [T1 ]  
\*VBW 100 kHz -46.16 dB  
\*SWT 100 ms 16.50000000 MHz

Ref 21 dBm

\*Att 30 dB

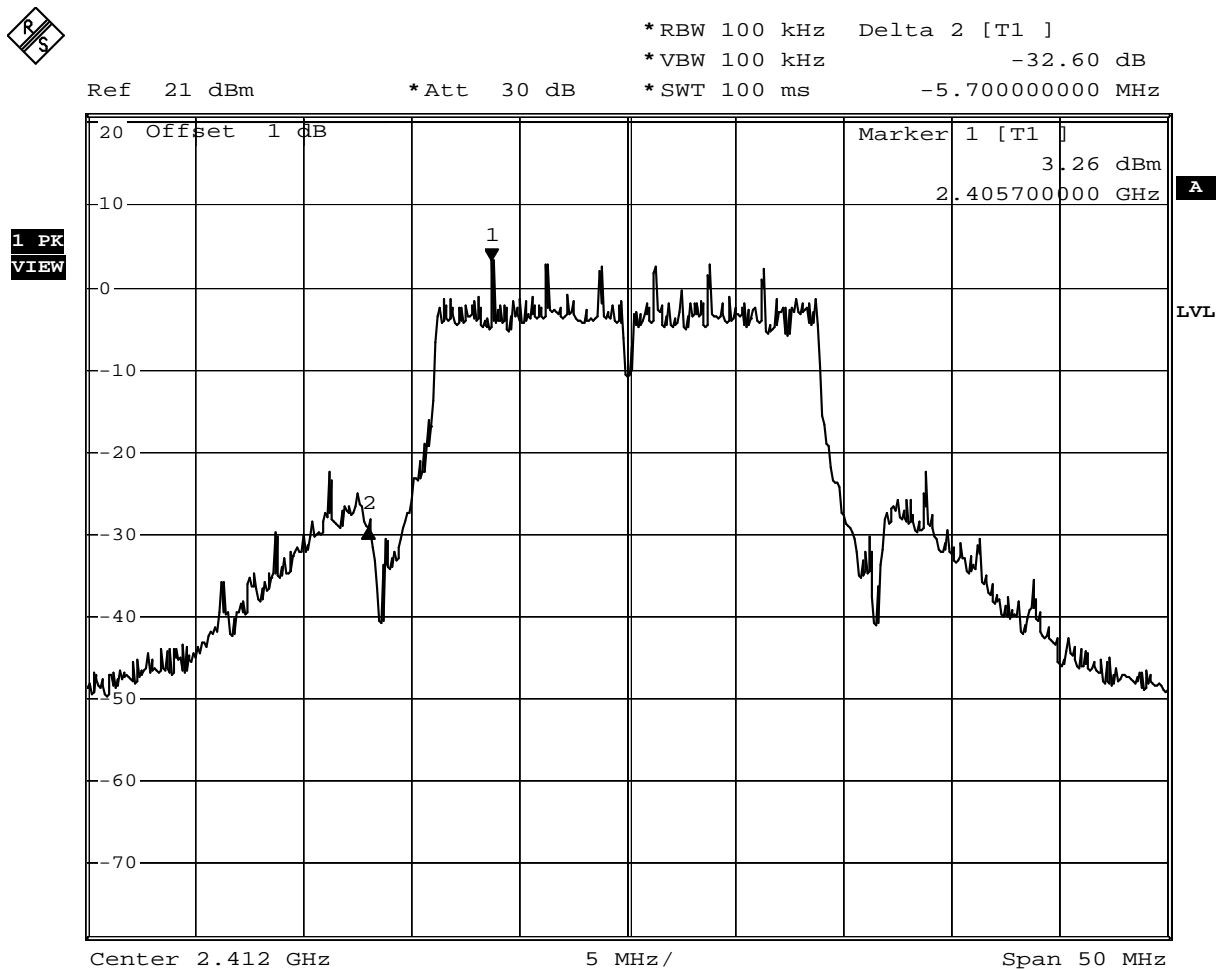


Date: 12.NOV.2011 10:17:42

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/12	Test Site	SR7

IEEE 802.11n (20MHz), (ANT 2) Antenna Gain: 2dBi Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	32.60	≥20	Pass
11	2462	52.10	≥20	Pass

### Channel 1 (2412MHz)



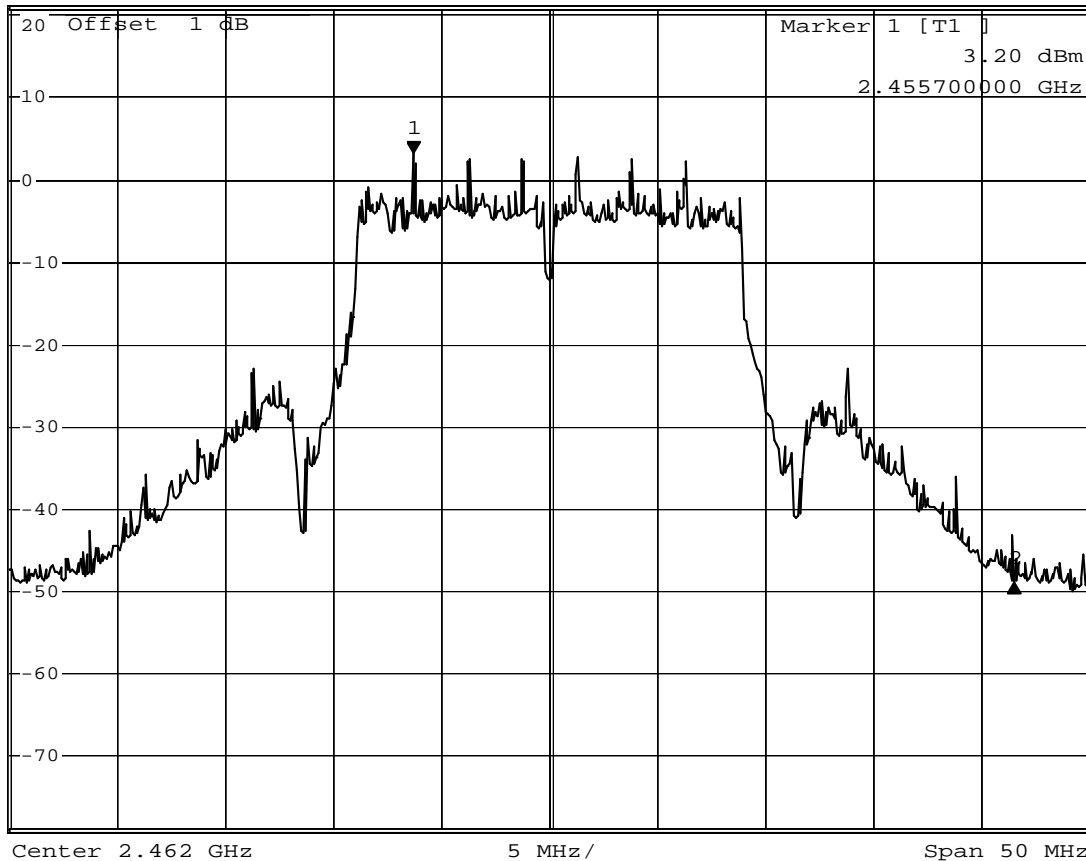
Date: 12.NOV.2011 10:16:11

## Channel 11 (2462MHz)



\*RBW 100 kHz Delta 2 [T1 ]  
 \*VBW 100 kHz -52.10 dB  
 \*SWT 100 ms 27.80000000 MHz

Ref 21 dBm \*Att 30 dB

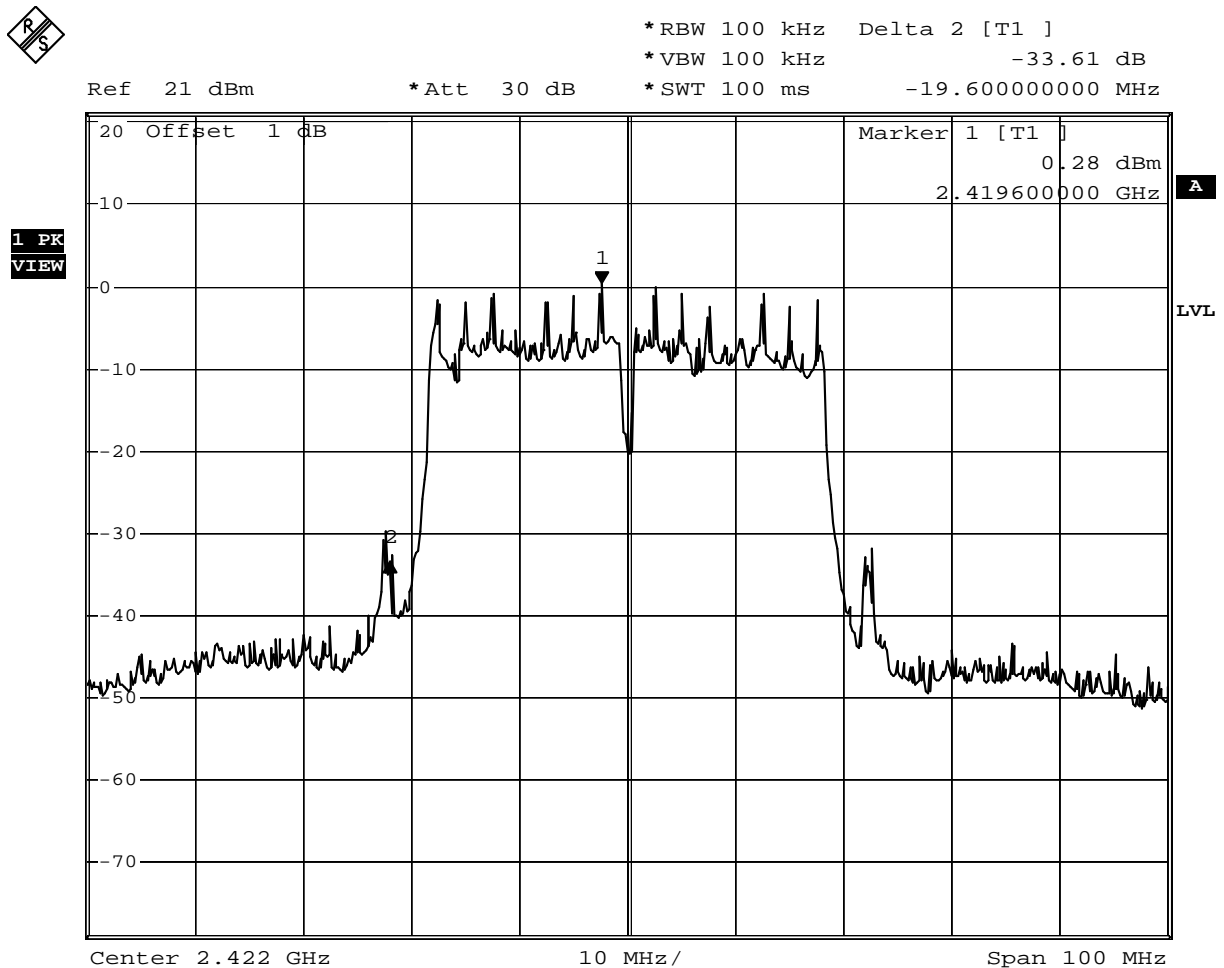


Date: 12.NOV.2011 10:16:58

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/12	Test Site	SR7

IEEE 802.11n (40MHz), (ANT 0) Antenna Gain: 2dBi Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
3	2422	33.61	≥20	Pass
9	2452	46.33	≥20	Pass

### Channel 3 (2422MHz)



Date: 12.NOV.2011 10:20:26



Channel 9 (2452MHz)

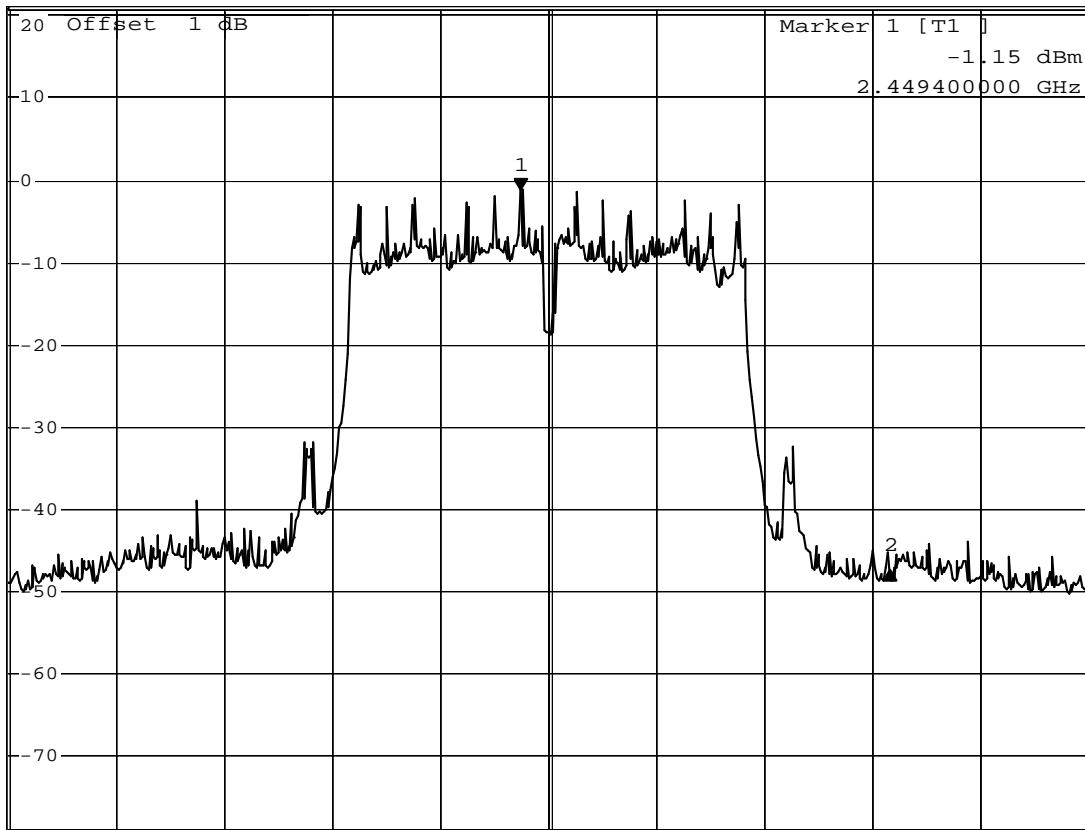


\*RBW 100 kHz Delta 2 [T1 ]  
 \*VBW 100 kHz -46.33 dB  
 \*SWT 100 ms 34.10000000 MHz

Ref 21 dBm

\*Att 30 dB

1 PK  
VIEW



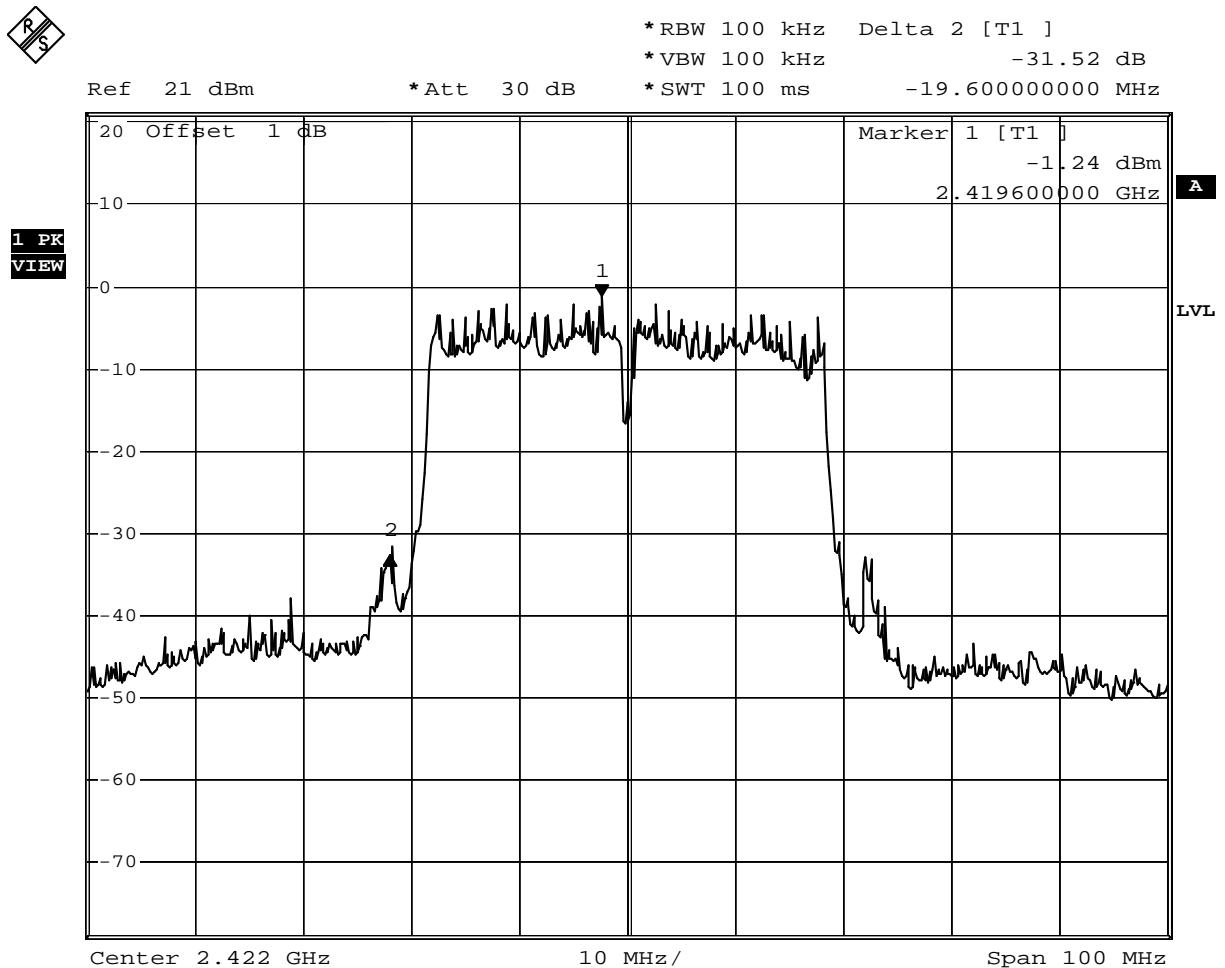
Center 2.452 GHz 10 MHz/ Span 100 MHz

Date: 12.NOV.2011 10:23:10

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/12	Test Site	SR7

IEEE 802.11n (40MHz), (ANT 1) Antenna Gain: 2dBi Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
3	2422	31.52	≥20	Pass
9	2452	43.21	≥20	Pass

### Channel 3 (2422MHz)



Date: 12.NOV.2011 10:21:24

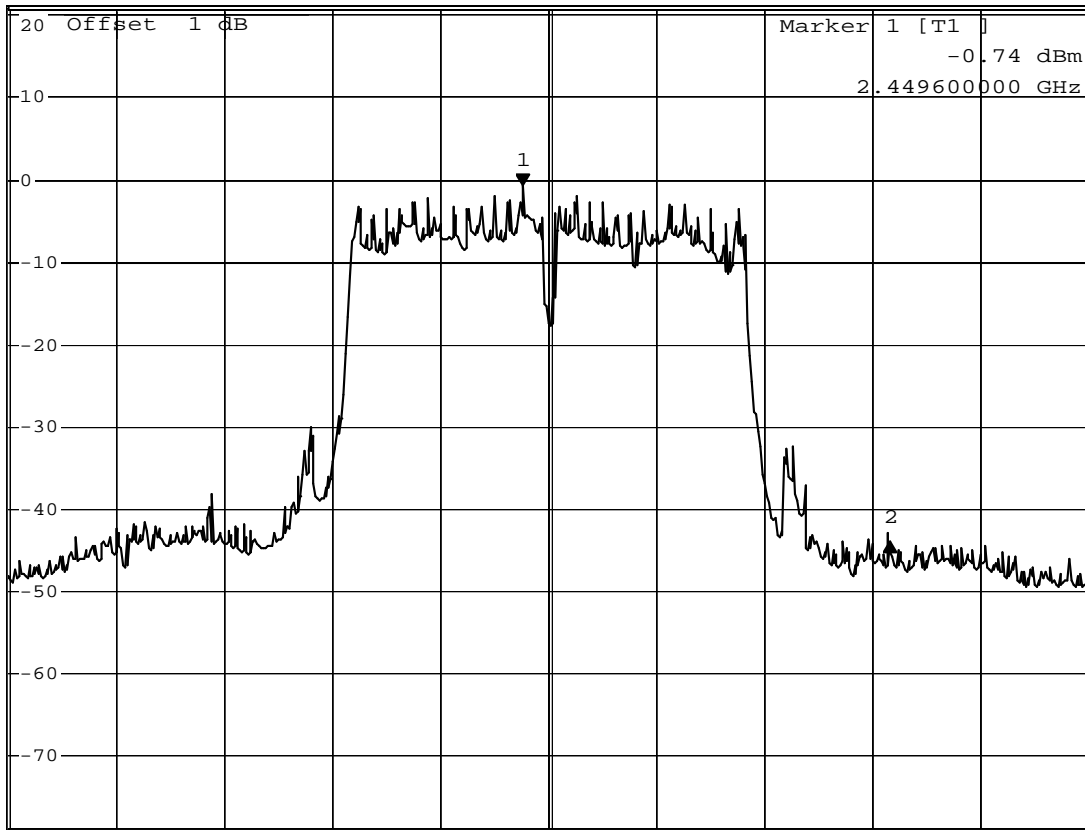
Channel 9 (2452MHz)



\*RBW 100 kHz Delta 2 [T1 ]  
 \*VBW 100 kHz -43.21 dB  
 \*SWT 100 ms 33.90000000 MHz

Ref 21 dBm \*Att 30 dB

1 PK  
VIEW



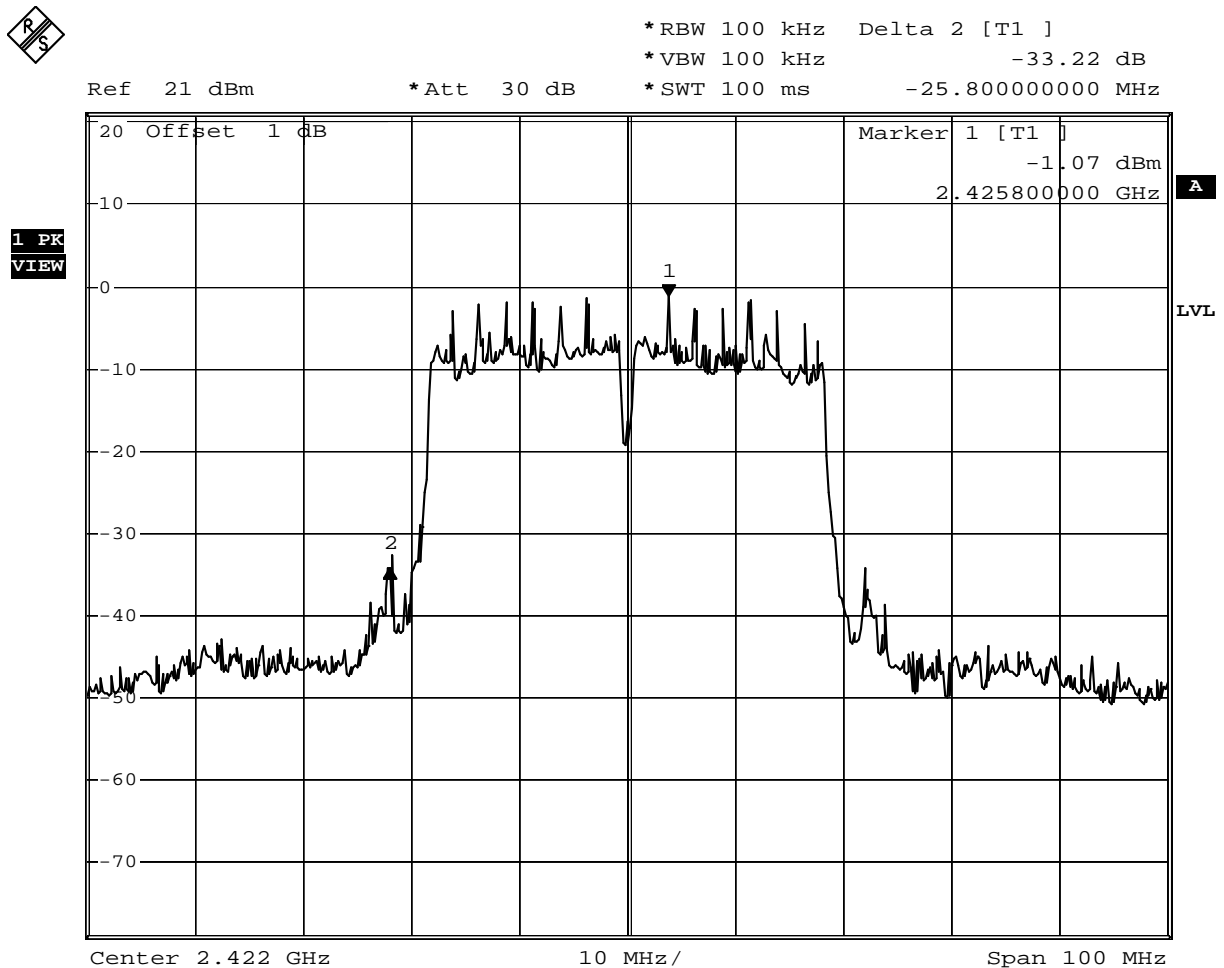
Center 2.452 GHz 10 MHz/ Span 100 MHz

Date: 12.NOV.2011 10:22:20

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/12	Test Site	SR7

IEEE 802.11n (40MHz), (ANT 2) Antenna Gain: 2dBi Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
3	2422	33.22	≥20	Pass
9	2452	44.57	≥20	Pass

### Channel 3 (2422MHz)



Date: 12.NOV.2011 10:20:59

Channel 9 (2452MHz)



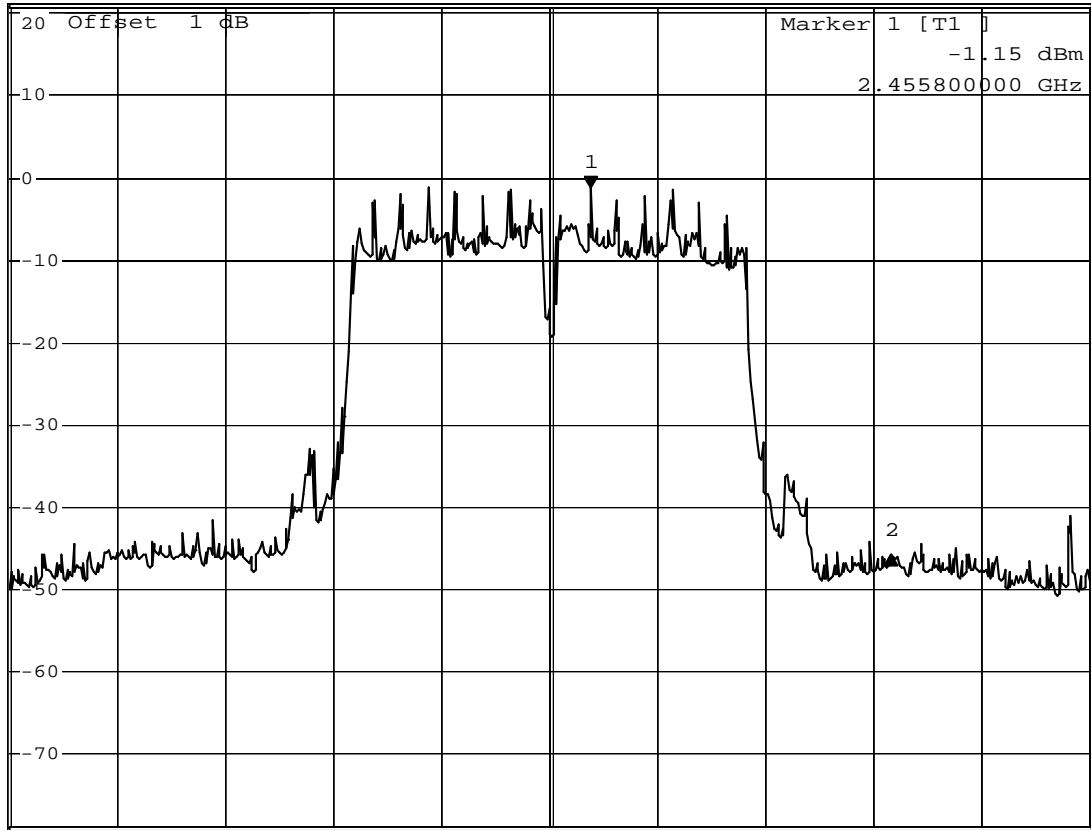
\*RBW 100 kHz Delta 2 [T1 ]  
 \*VBW 100 kHz -44.57 dB  
 \*SWT 100 ms 27.70000000 MHz

Ref 21 dBm

\*Att 30 dB

27.70000000 MHz

1 PK  
VIEW



Center 2.452 GHz

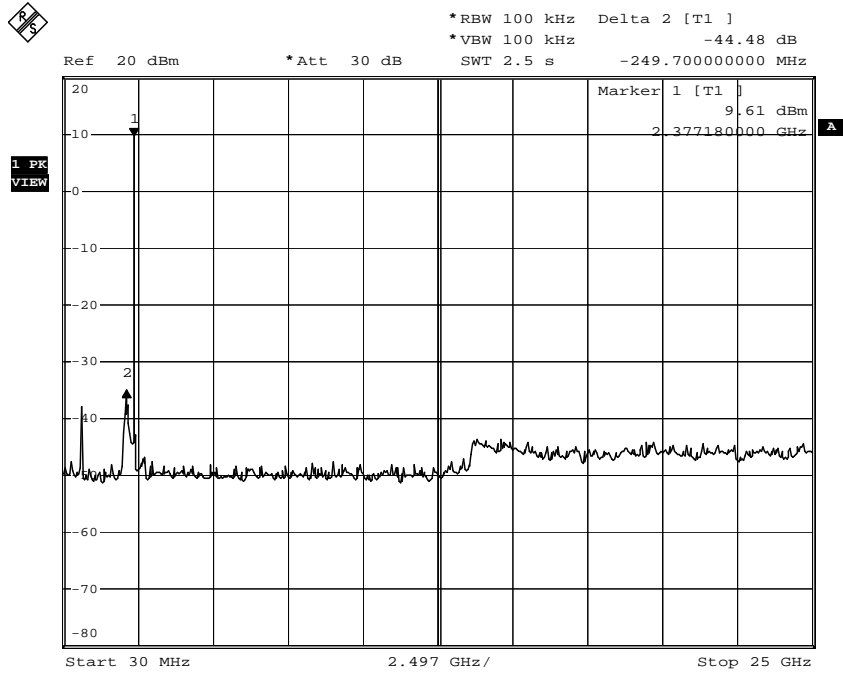
10 MHz/

Span 100 MHz

Date: 12.NOV.2011 10:22:45

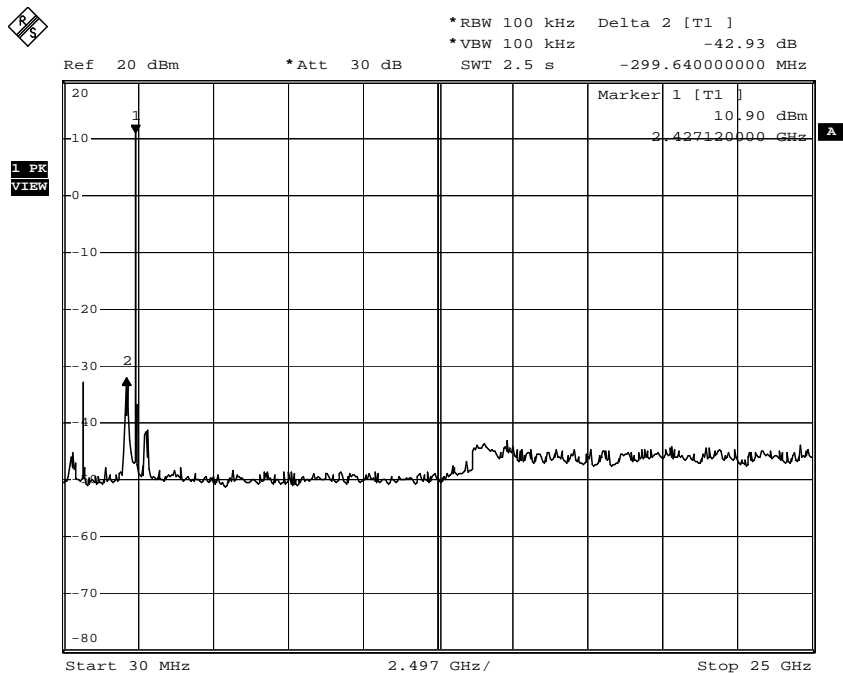
Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/12	Test Site	SR7

### 2412MHz (30MHz-25GHz)-802.11b



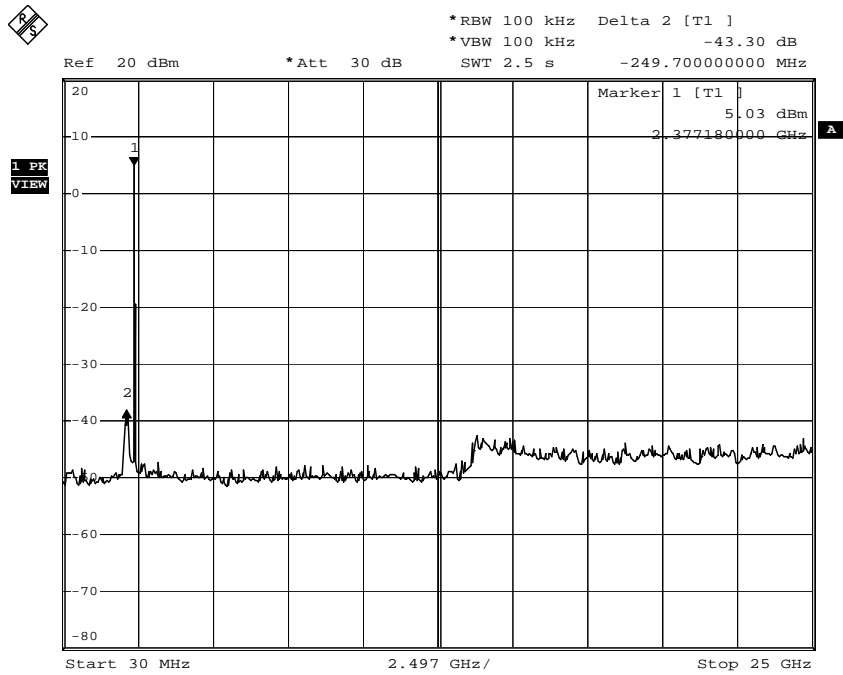
Comment: A:\2  
Date: 16.NOV.2011 22:26:53

### 2462MHz (30MHz-25GHz) -802.11b



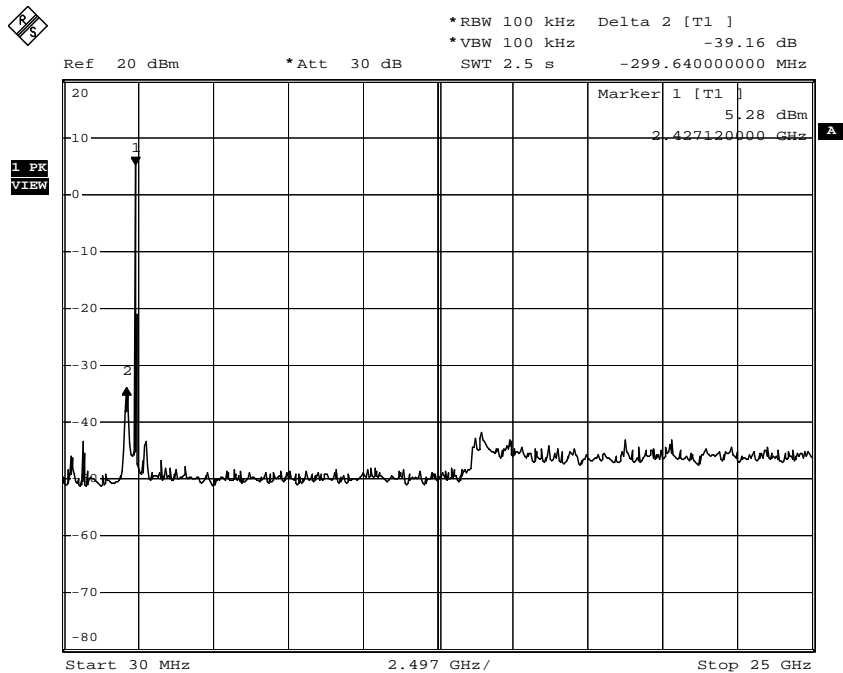
Comment: A:\2  
Date: 16.NOV.2011 22:27:33

2412MHz (30MHz-25GHz)-802.11g



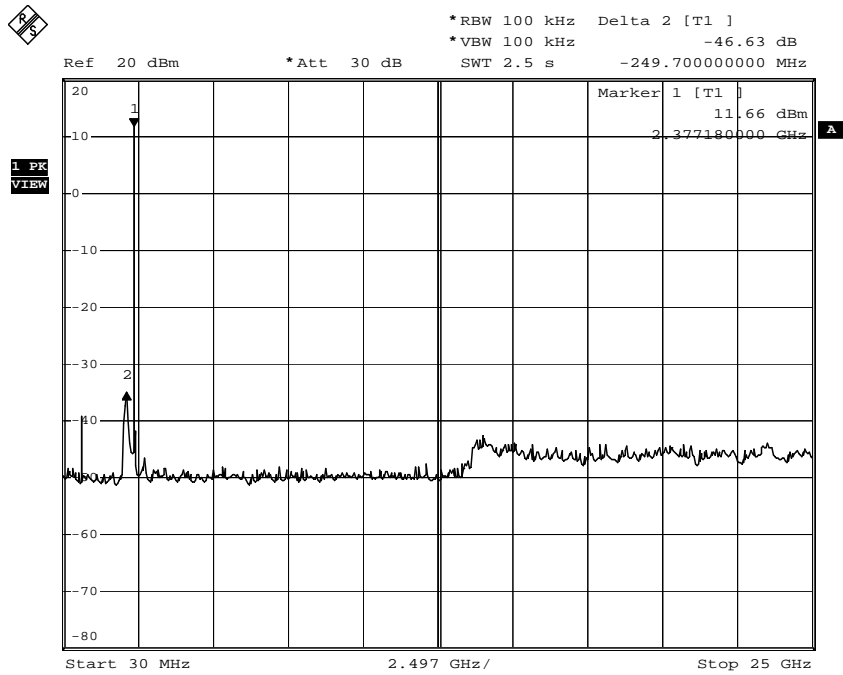
Comment: A:\2  
 Date: 16.NOV.2011 22:26:09

2462MHz (30MHz-25GHz) -802.11g



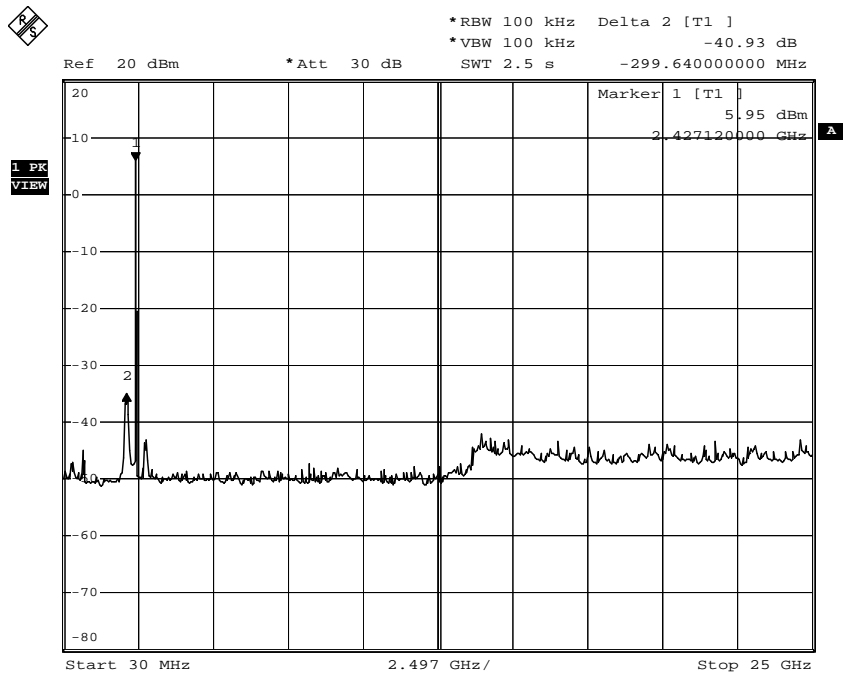
Comment: A:\2  
 Date: 16.NOV.2011 22:25:24

2412MHz (30MHz-25GHz)-802.11n(20MHz)-ANT 0



Comment: A:\2  
Date: 16.NOV.2011 22:28:52

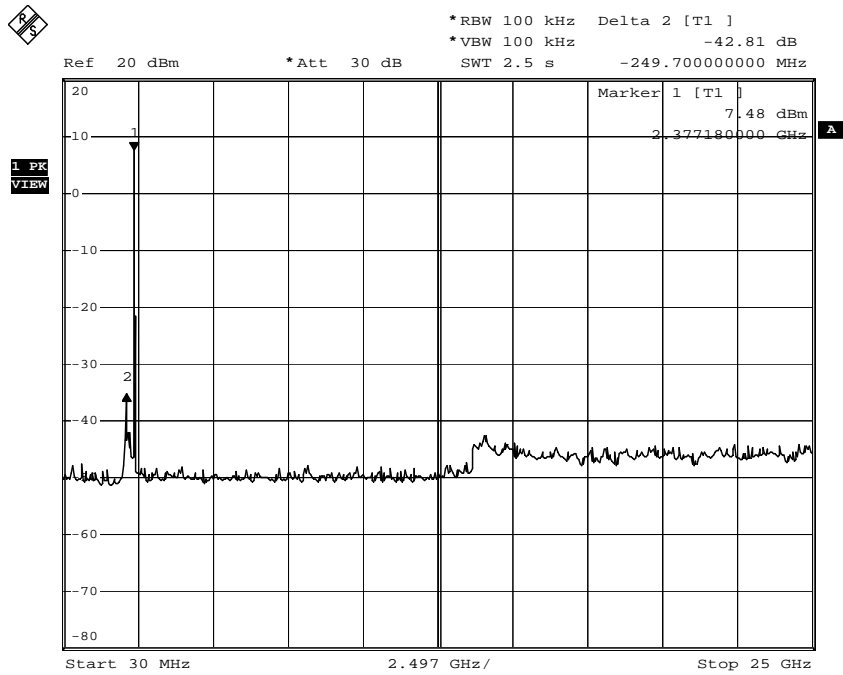
2462MHz (30MHz-25GHz) -802.11n(20MHz)-ANT 0



Comment: A:\2  
Date: 16.NOV.2011 22:33:14

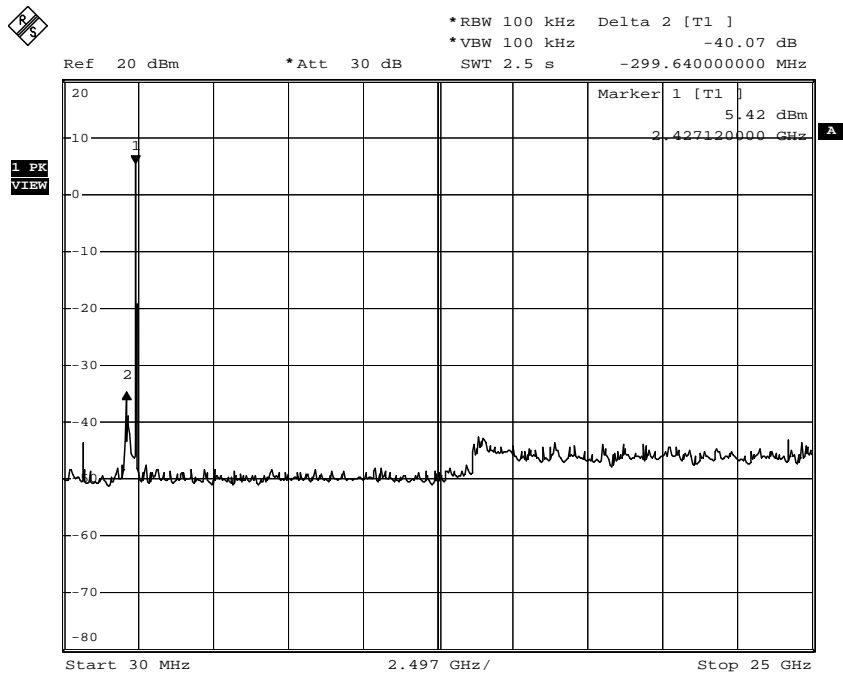


### 2412MHz (30MHz-25GHz)-802.11n(20MHz)-ANT 1



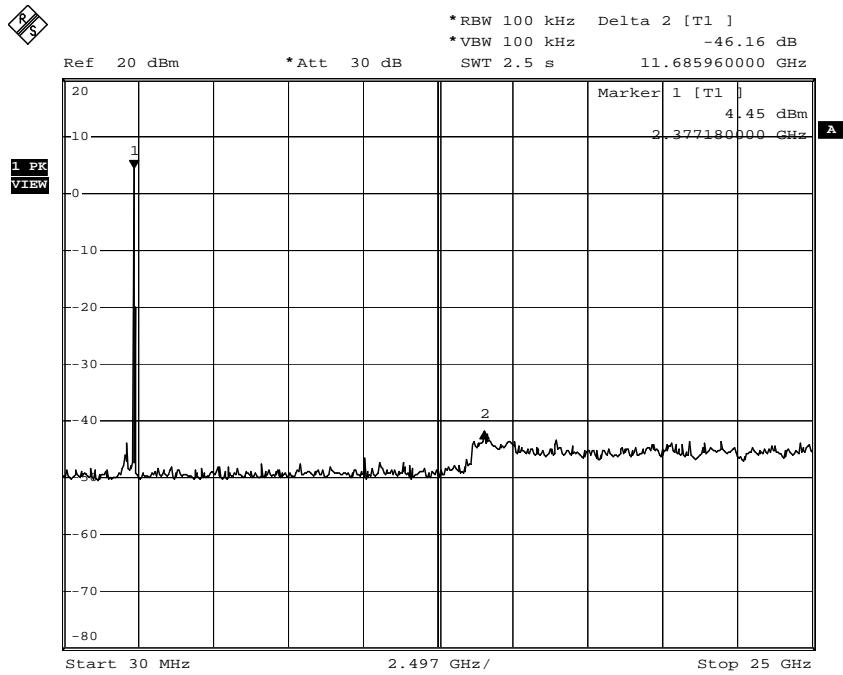
Comment: A:\2  
Date: 16.NOV.2011 22:30:52

### 2462MHz (30MHz-25GHz) -802.11n(20MHz)-ANT 1



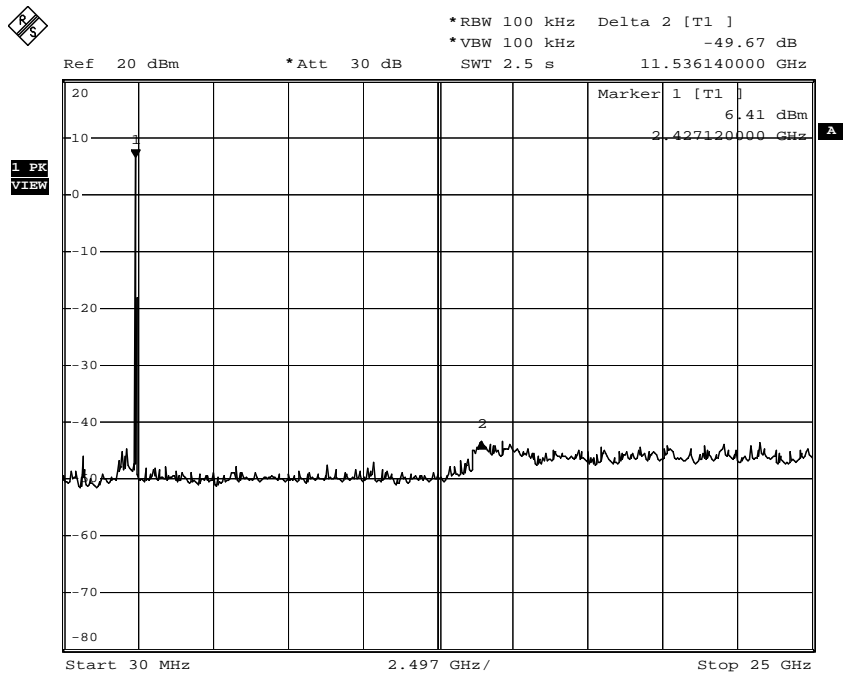
Comment: A:\2  
Date: 16.NOV.2011 22:31:50

## 2412MHz (30MHz-25GHz)-802.11n(20MHz)-ANT 2



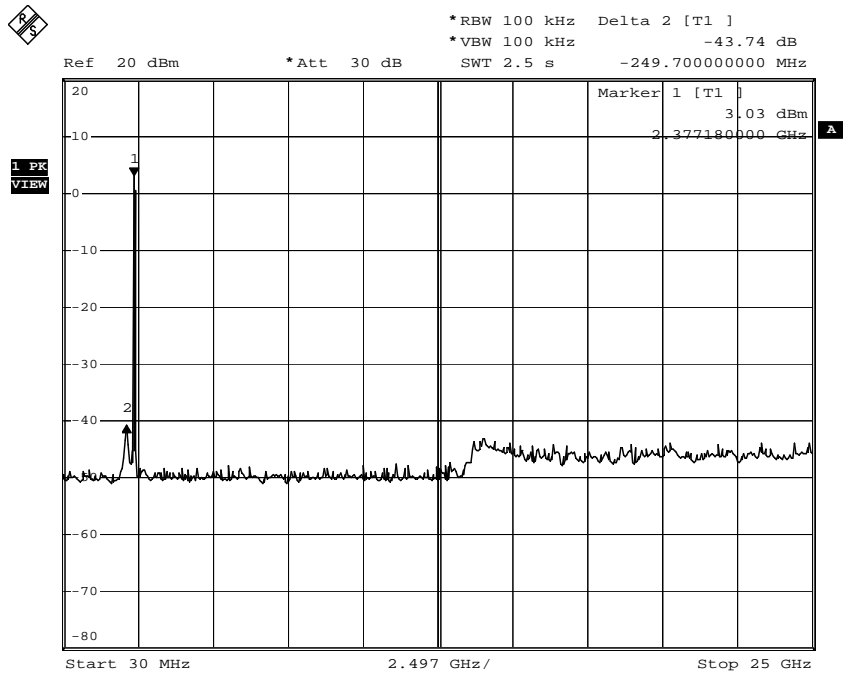
Comment: A:\2  
Date: 16.NOV.2011 22:30:12

## 2462MHz (30MHz-25GHz) -802.11n(20MHz)-ANT 2



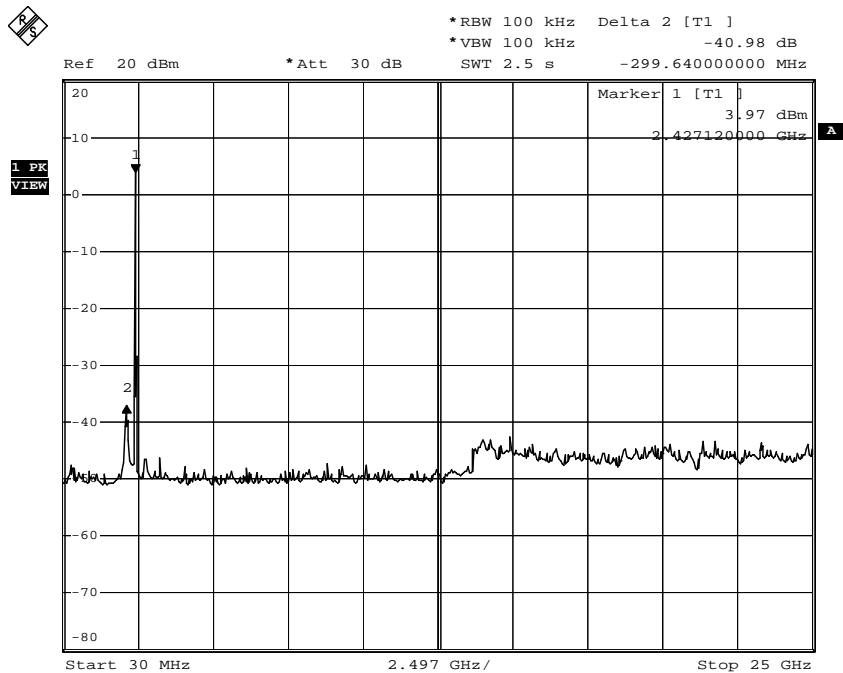
Comment: A:\2  
Date: 16.NOV.2011 22:32:34

2422MHz (30MHz-25GHz)-802.11n(40MHz)-ANT 0



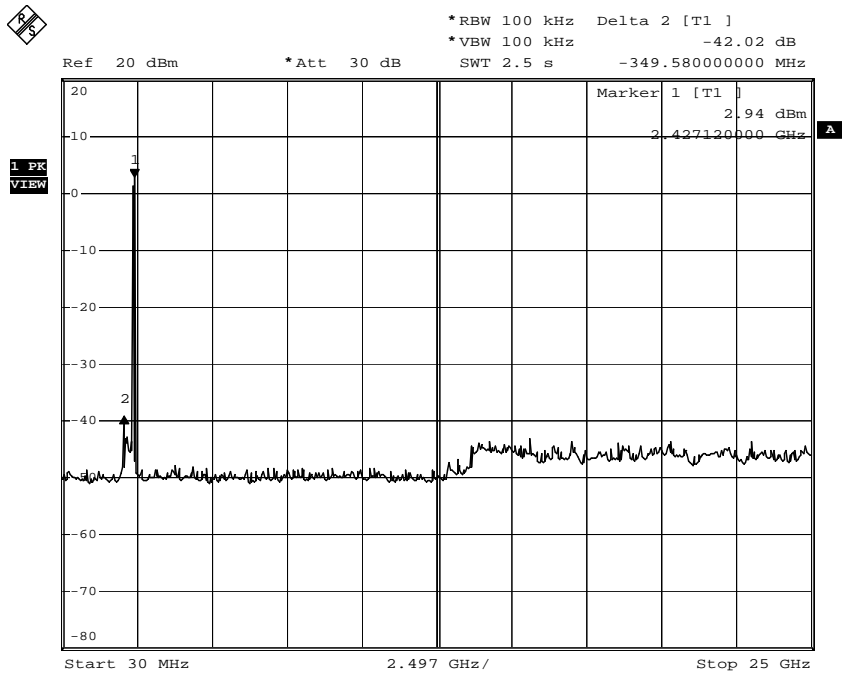
Comment: A:\2  
Date: 16.NOV.2011 22:38:48

2452MHz (30MHz-25GHz) -802.11n(40MHz)-ANT 0



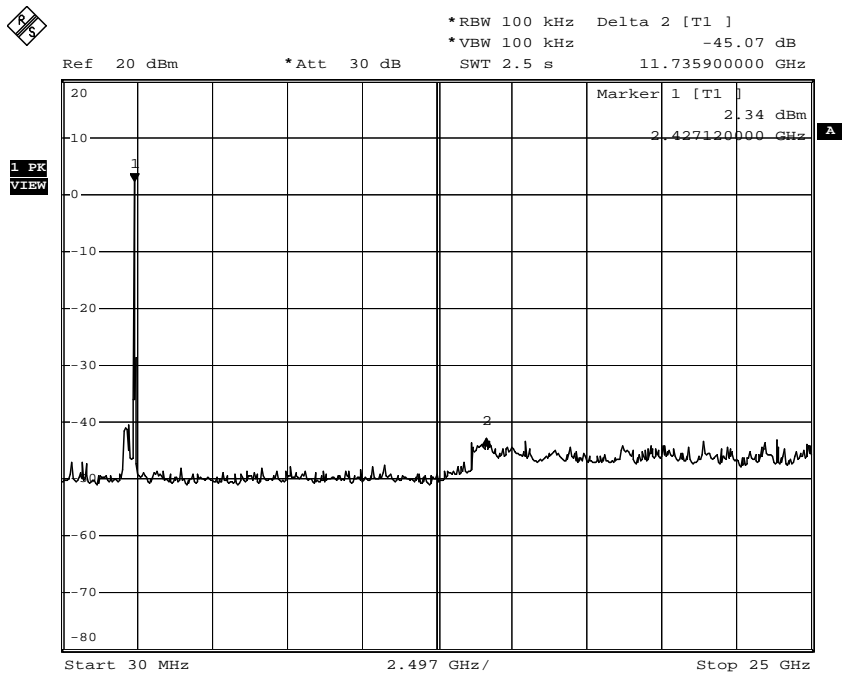
Comment: A:\2  
Date: 16.NOV.2011 22:34:21

2422MHz (30MHz-25GHz)-802.11n(40MHz)-ANT 1



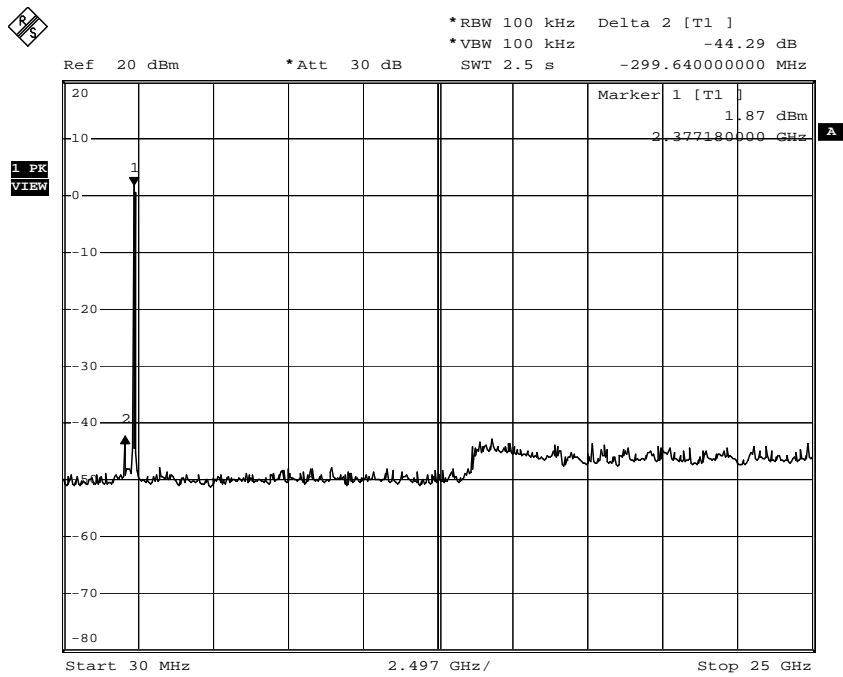
Comment: A:\2  
Date: 16.NOV.2011 22:37:22

2452MHz (30MHz-25GHz) -802.11n(40MHz)-ANT 1



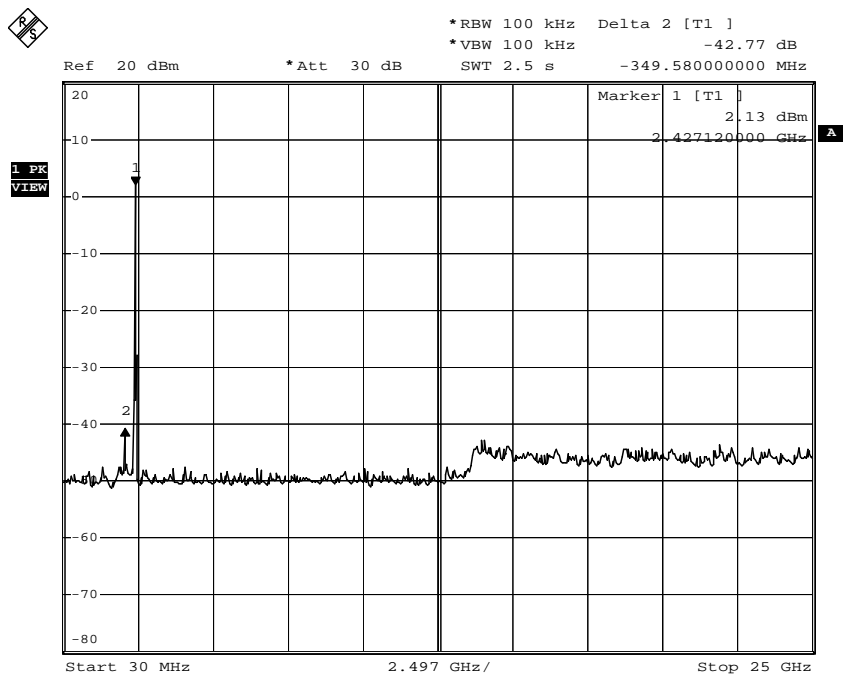
Comment: A:\2  
Date: 16.NOV.2011 22:35:47

## 2422MHz (30MHz-25GHz)-802.11n(40MHz)-ANT 2



Comment: A:\2  
 Date: 16.NOV.2011 22:38:09

## 2452MHz (30MHz-25GHz) -802.11n(40MHz)-ANT 2

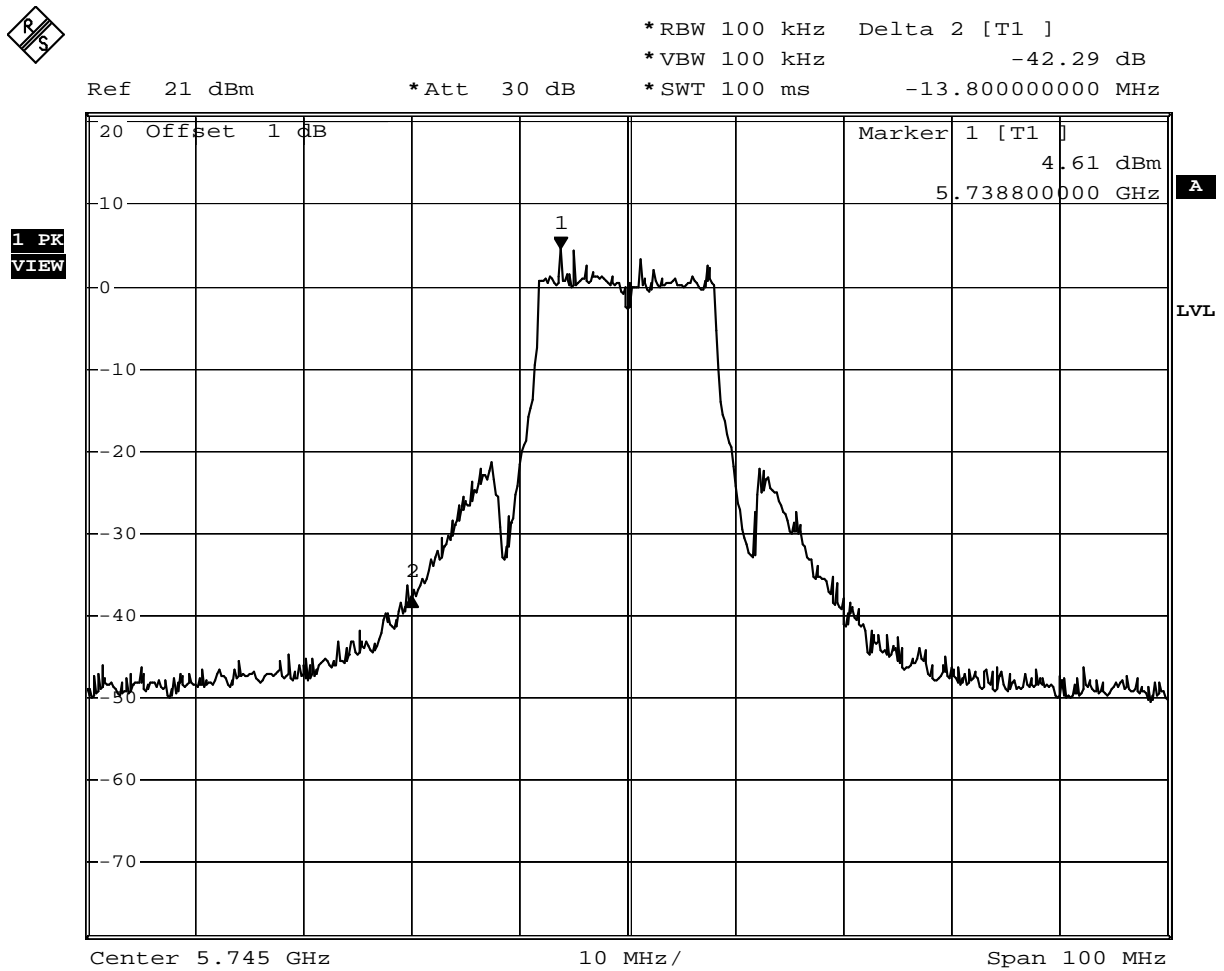


Comment: A:\2  
 Date: 16.NOV.2011 22:35:08

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/12	Test Site	SR7

IEEE 802.11a, Antenna Gain: 2dBi Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
149	5745	42.29	≥20	Pass
165	5825	50.11	≥20	Pass

### Channel 149 (5745MHz)



Date: 12.NOV.2011 10:29:46

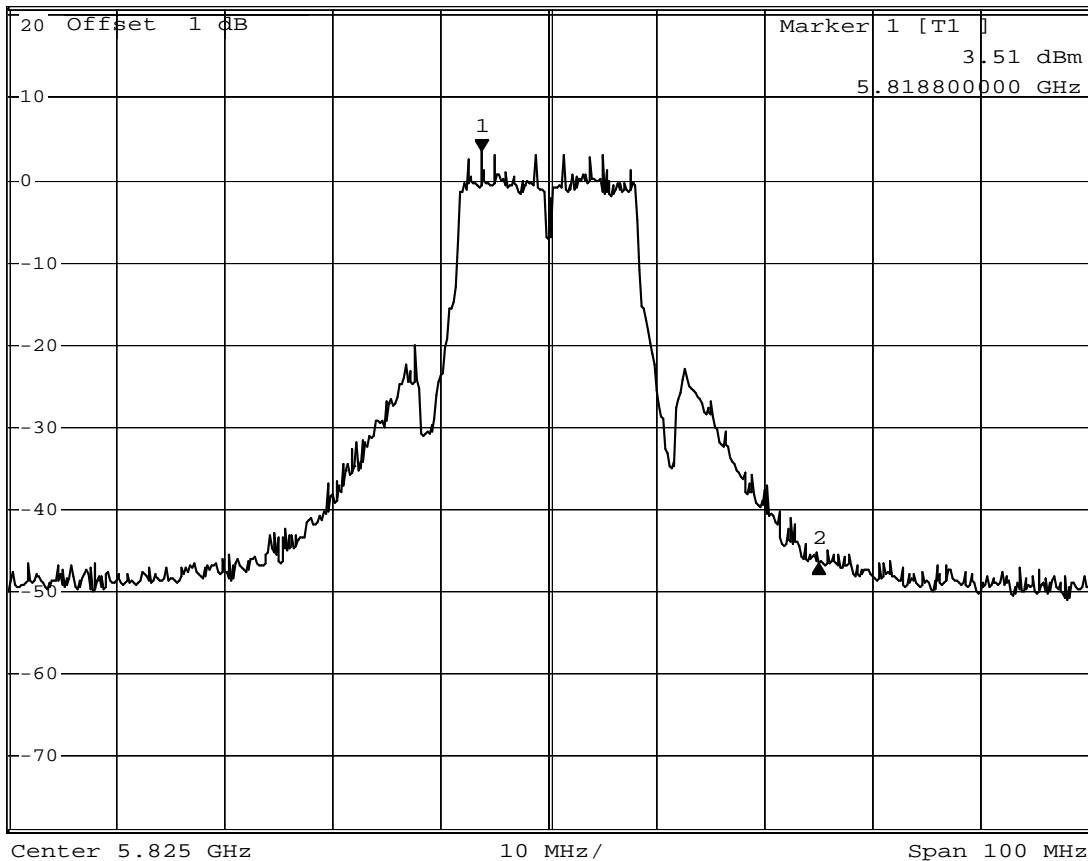
## Channel 165 (5825MHz)



\*RBW 100 kHz Delta 2 [T1 ]  
 \*VBW 100 kHz -50.11 dB  
 \*SWT 100 ms 31.20000000 MHz

Ref 21 dBm

\*Att 30 dB



1 PK  
VIEW

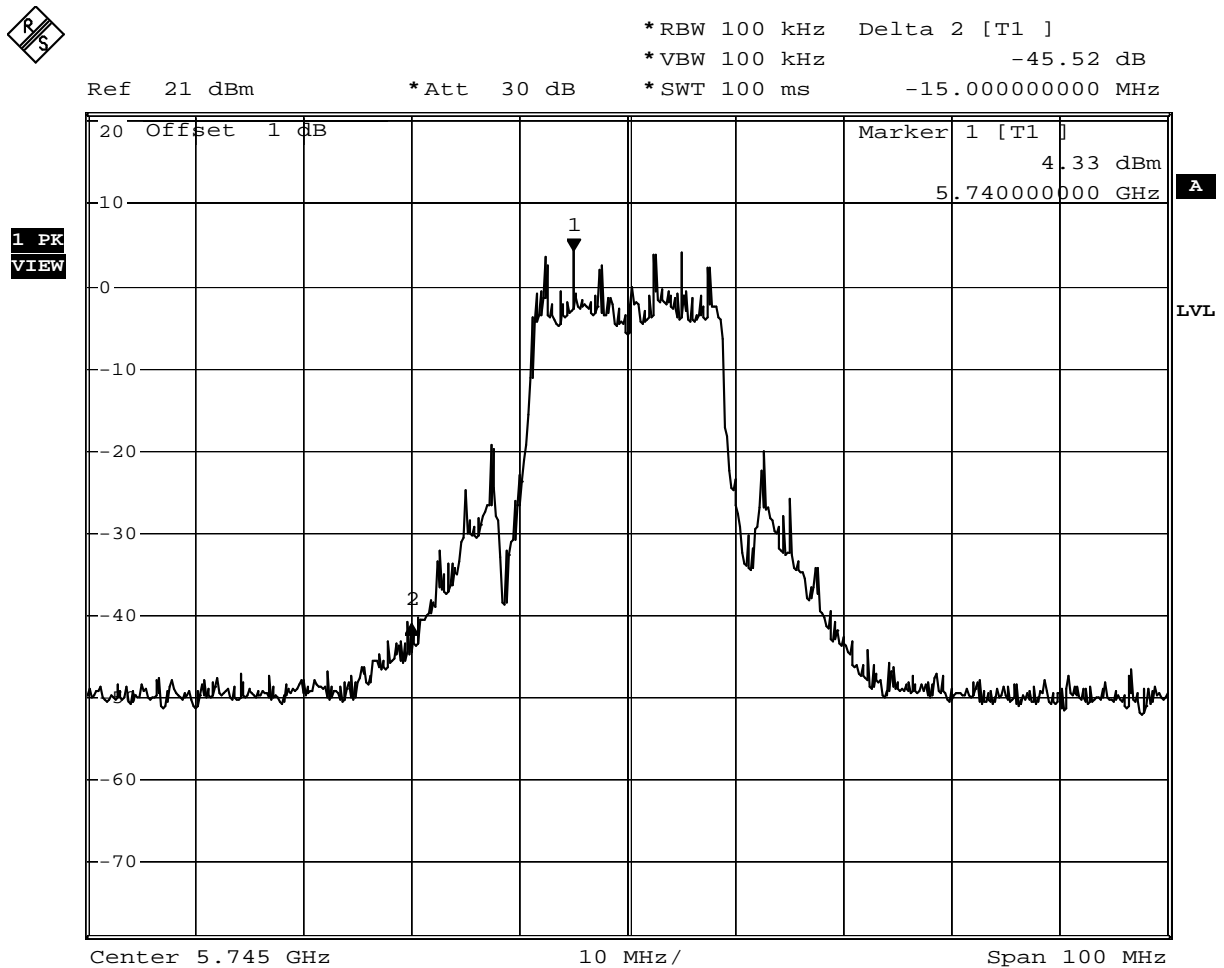
LVL

Date: 12.NOV.2011 10:30:48

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/12	Test Site	SR7

IEEE 802.11n (20MHz), (ANT 0) Antenna Gain: 2dBi Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
149	5745	45.52	$\geq 20$	Pass
165	5825	49.21	$\geq 20$	Pass

### Channel 149 (5745MHz)



Date: 12.NOV.2011 10:34:18



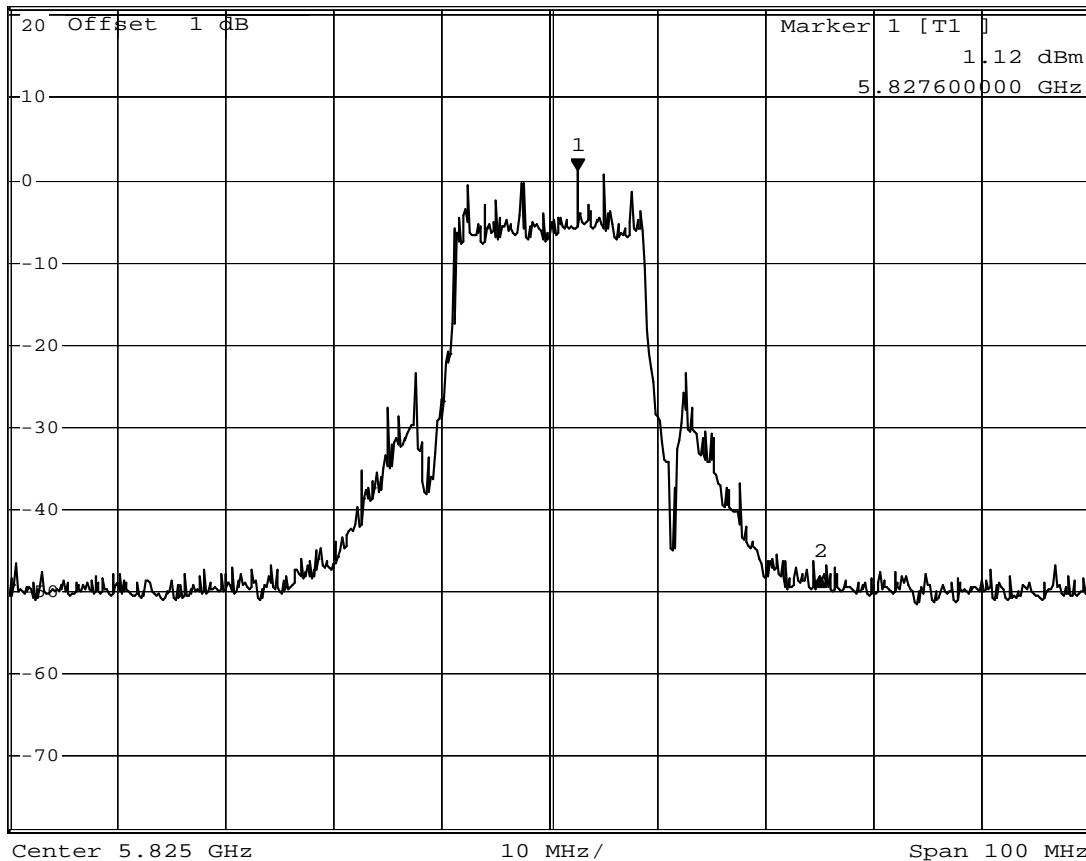
## Channel 165 (5825MHz)



\*RBW 100 kHz Delta 2 [T1 ]  
 \*VBW 100 kHz -49.21 dB  
 \*SWT 100 ms 22.40000000 MHz

Ref 21 dBm

\*Att 30 dB

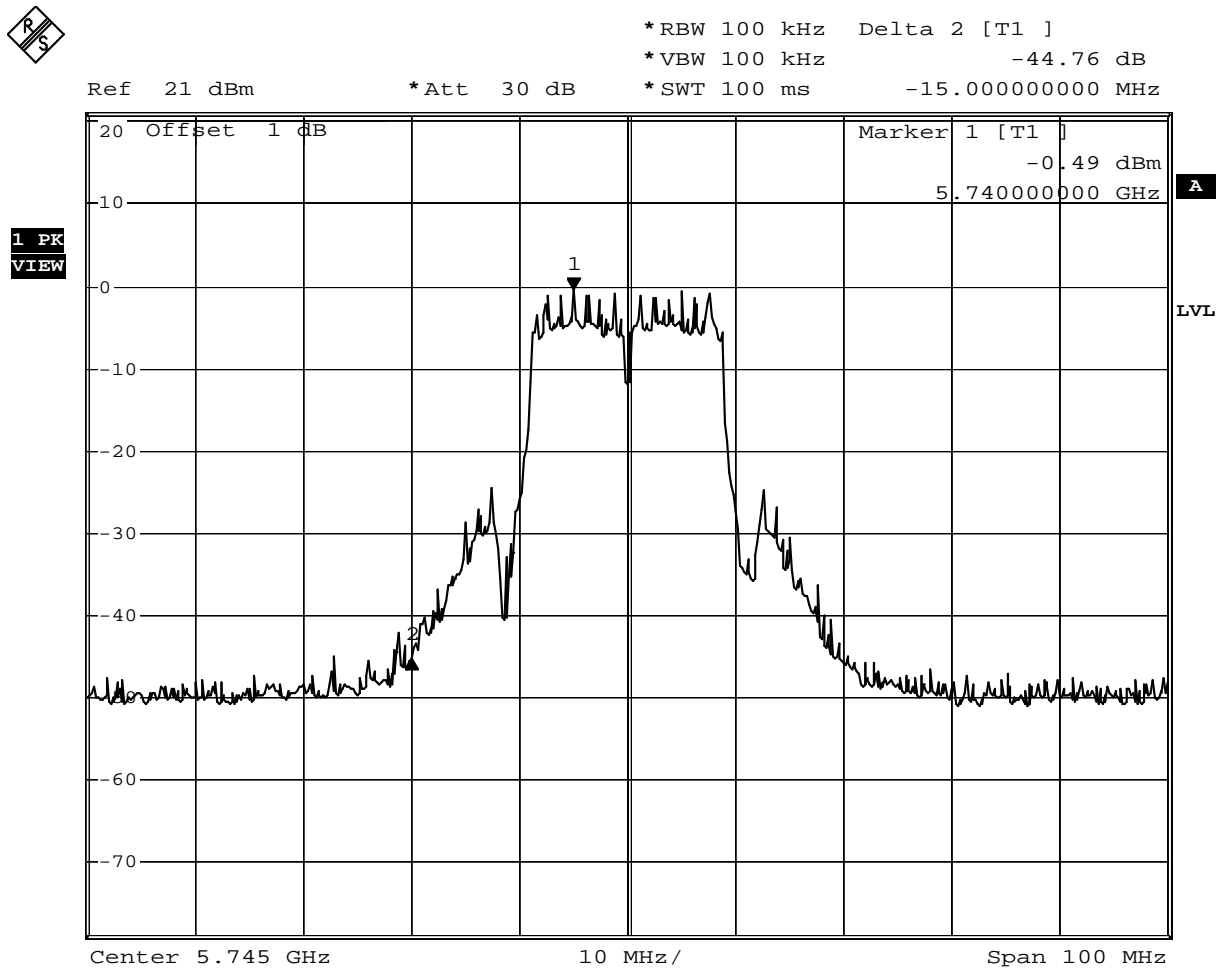


Date: 12.NOV.2011 10:31:29

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/12	Test Site	SR7

IEEE 802.11n (20MHz), (ANT 1) Antenna Gain: 2dBi Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
149	5745	44.76	$\geq 20$	Pass
165	5825	44.79	$\geq 20$	Pass

### Channel 149 (5745MHz)



Date: 12.NOV.2011 10:33:27

Channel 165 (5825MHz)

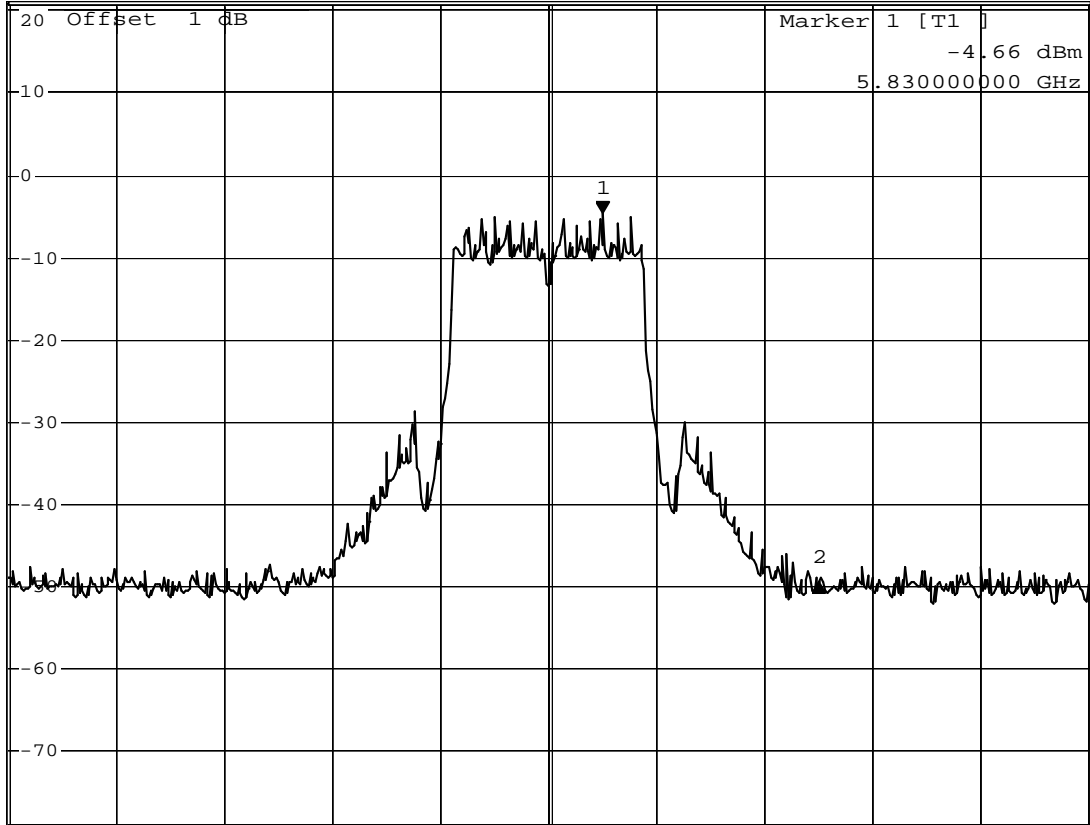


\*RBW 100 kHz Delta 2 [T1 ]  
 \*VBW 100 kHz -44.79 dB  
 \*SWT 100 ms 20.00000000 MHz

Ref 21 dBm

\*Att 30 dB

1 PK  
VIEW



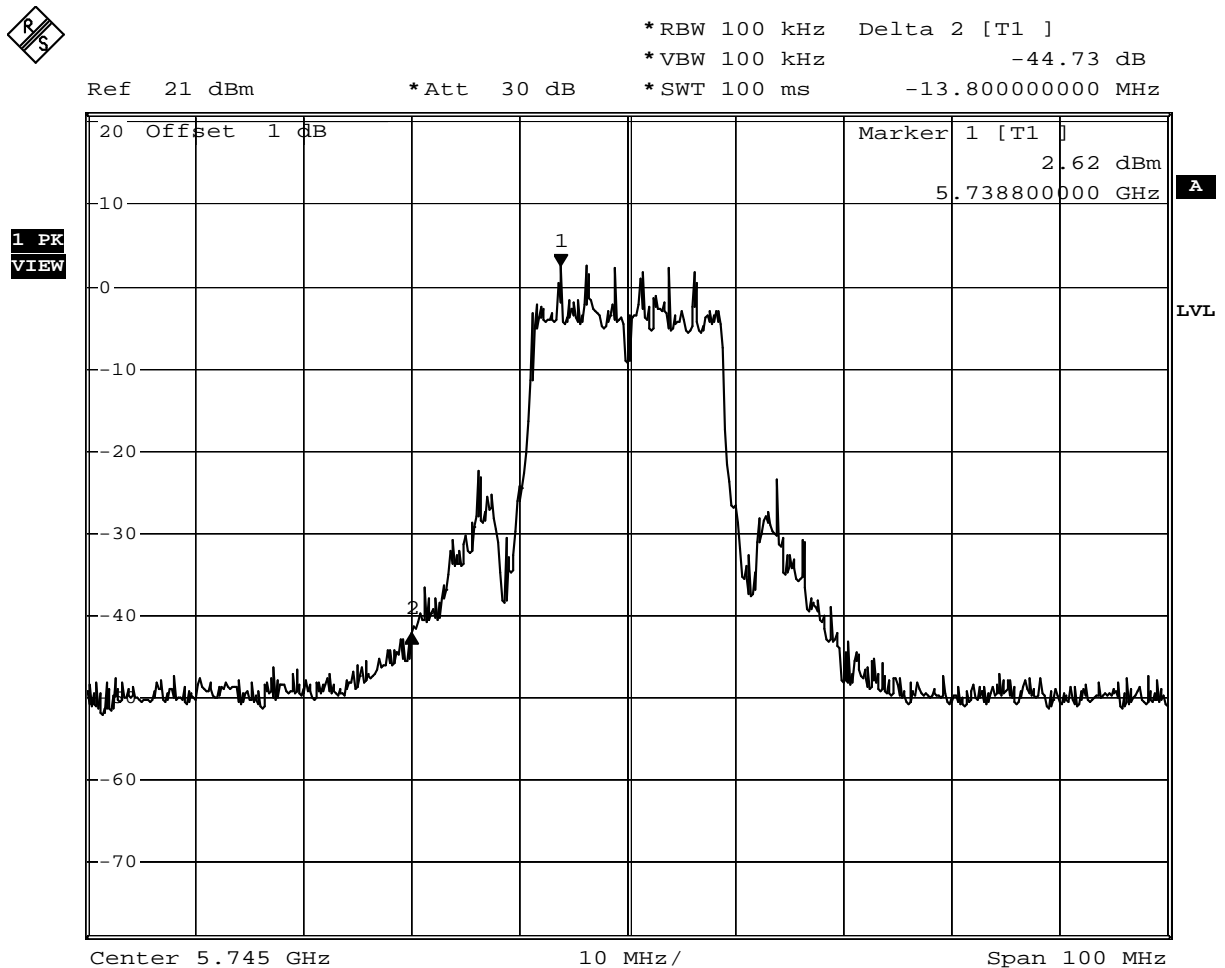
Center 5.825 GHz 10 MHz/ Span 100 MHz

Date: 12.NOV.2011 10:32:32

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/12	Test Site	SR7

IEEE 802.11n (20MHz), (ANT 2) Antenna Gain: 2dBi Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
149	5745	44.73	$\geq 20$	Pass
165	5825	47.80	$\geq 20$	Pass

### Channel 149 (5745MHz)



Date: 12.NOV.2011 10:33:54

## Channel 165 (5825MHz)

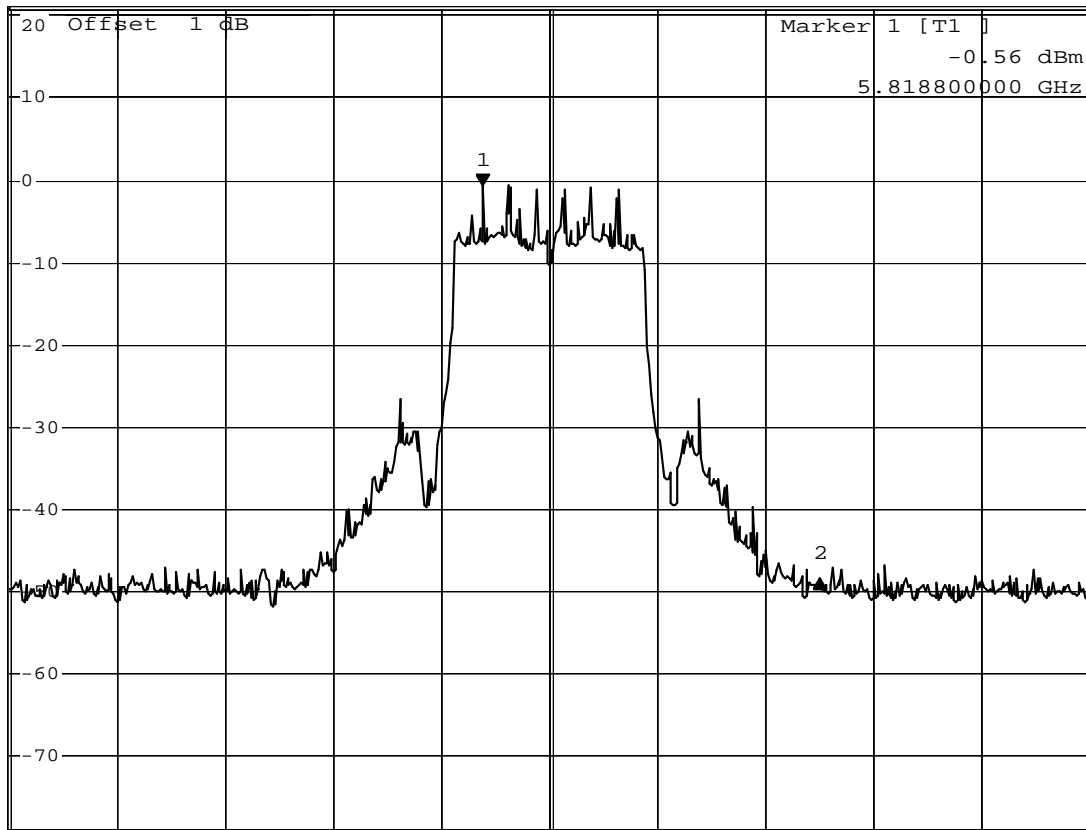


\*RBW 100 kHz Delta 2 [T1 ]  
 \*VBW 100 kHz -47.80 dB  
 \*SWT 100 ms 31.20000000 MHz

Ref 21 dBm

\*Att 30 dB

1 PK  
VIEW

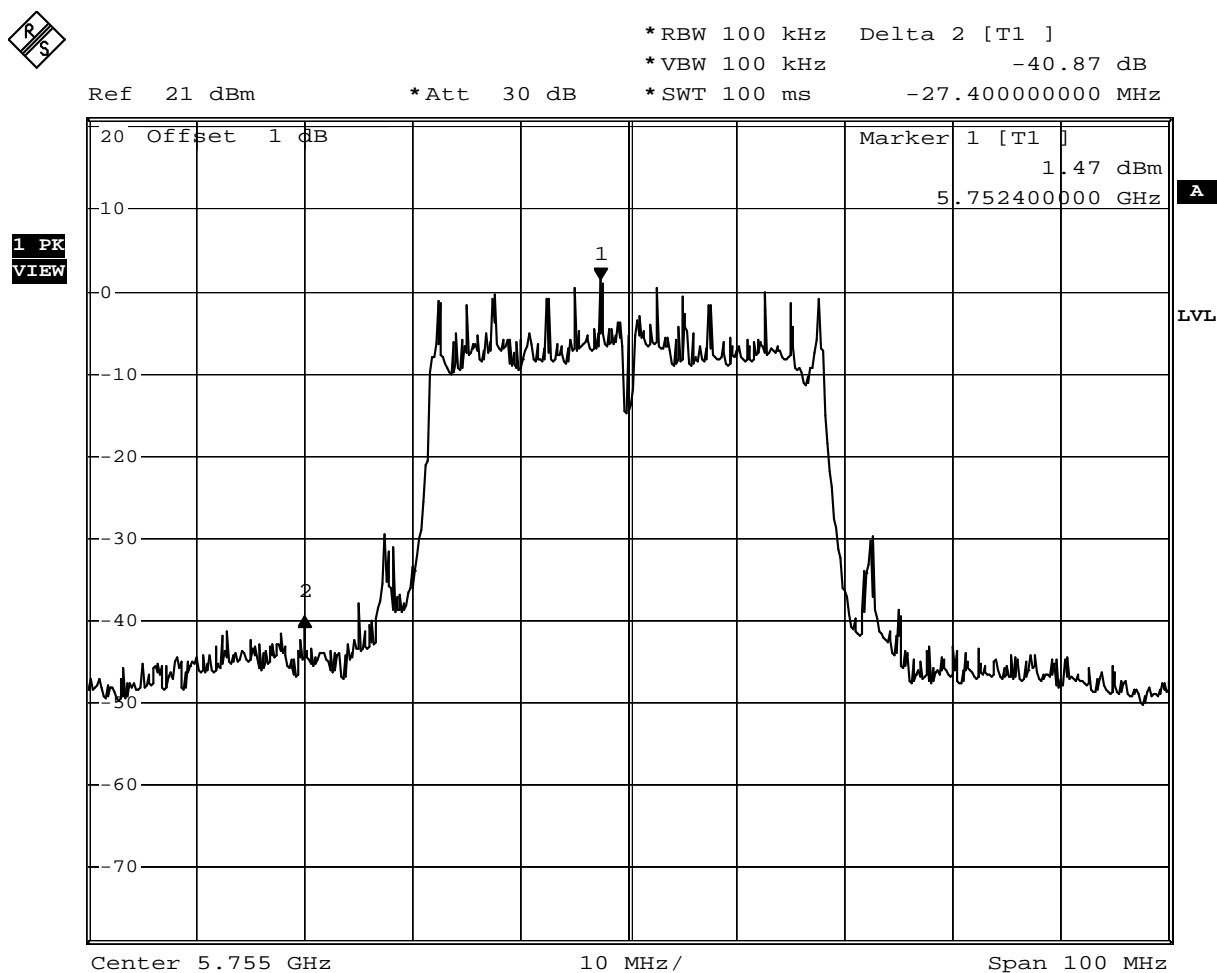


Date: 12.NOV.2011 10:31:57

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/12	Test Site	SR7

IEEE 802.11n (40MHz), (ANT 0) Antenna Gain: 2dBi Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
151	5755	40.87	$\geq 20$	Pass
159	5795	51.05	$\geq 20$	Pass

### Channel 151 (5755MHz)



Date: 12.NOV.2011 10:36:53

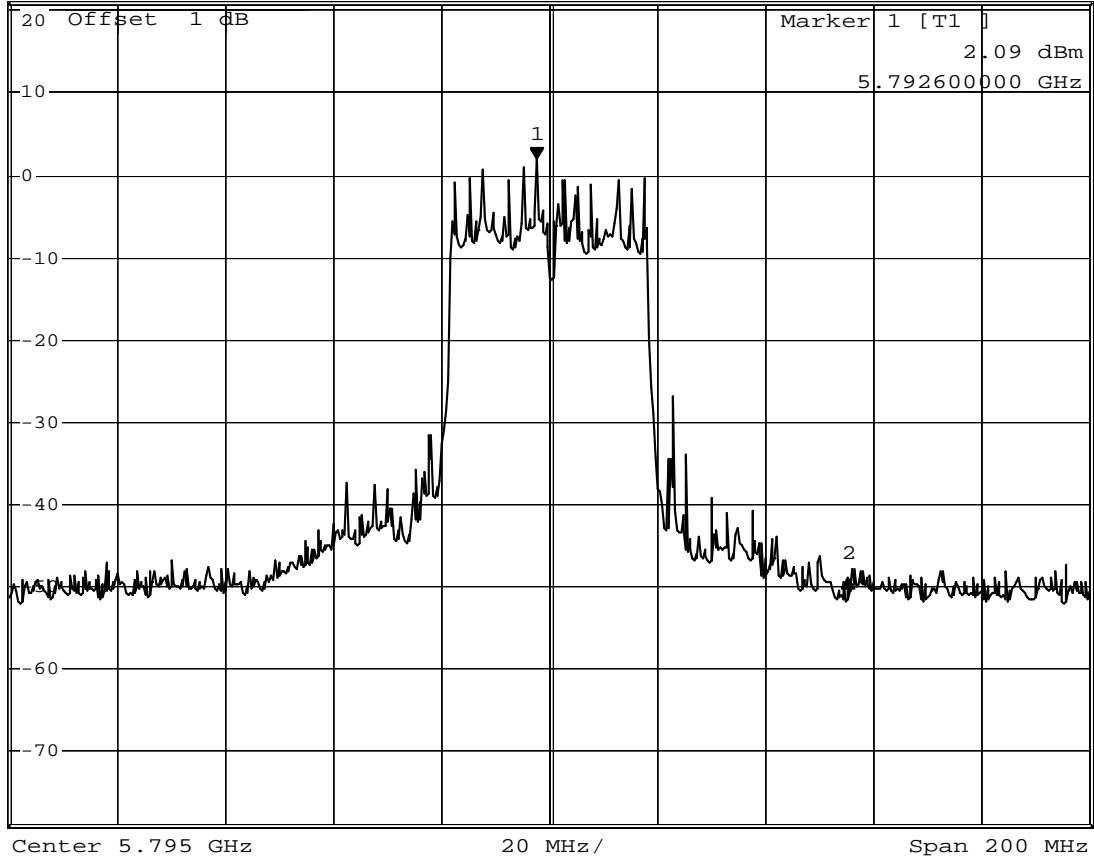
Channel 159 (5795MHz)



\*RBW 100 kHz Delta 2 [T1 ]  
 \*VBW 100 kHz -51.05 dB  
 \*SWT 100 ms 57.40000000 MHz

Ref 21 dBm

\*Att 30 dB

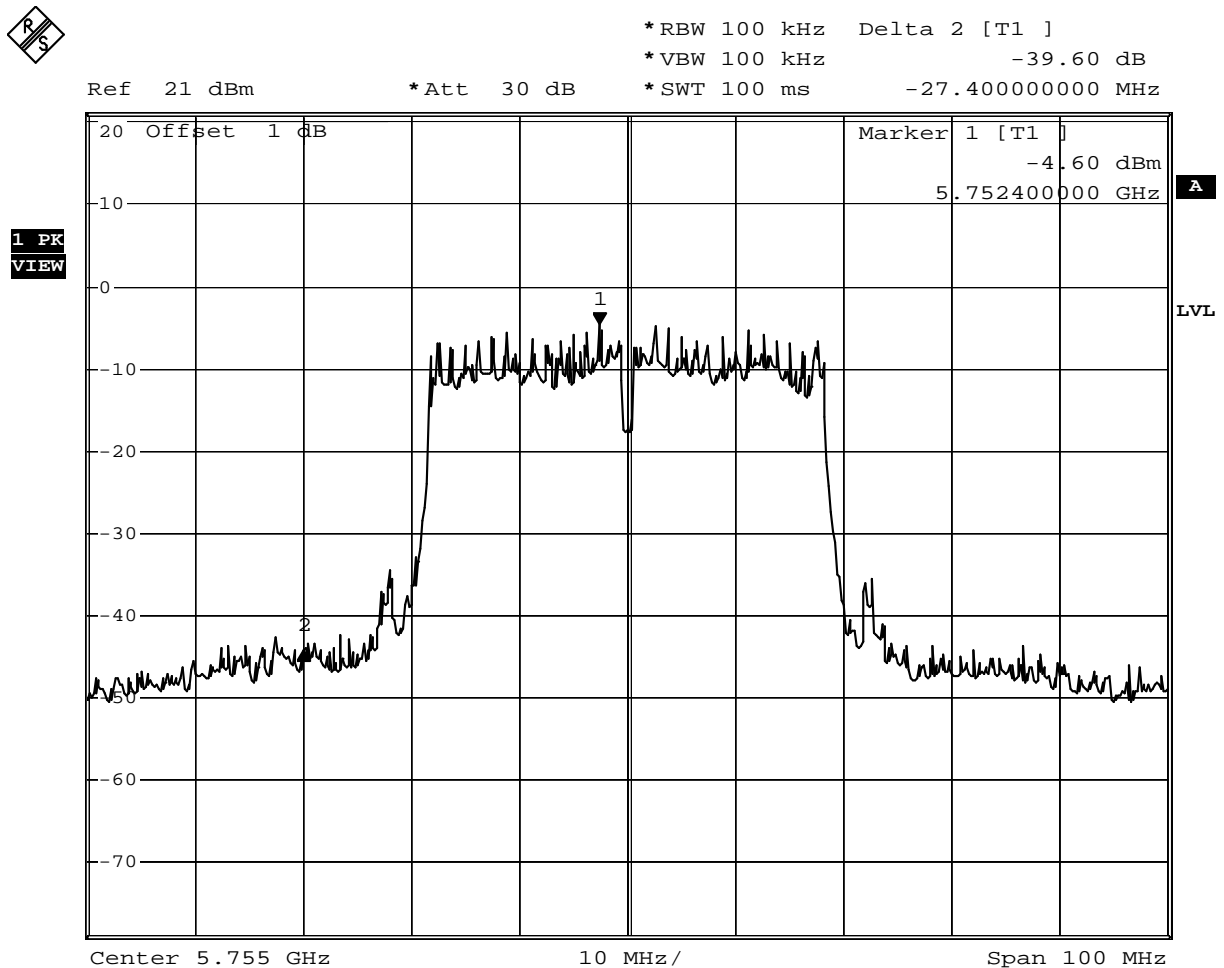


Date: 12.NOV.2011 10:39:45

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/12	Test Site	SR7

IEEE 802.11n (40MHz), (ANT 1) Antenna Gain: 2dBi Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
151	5755	39.60	$\geq 20$	Pass
159	5795	44.97	$\geq 20$	Pass

### Channel 151 (5755MHz)



Date: 12.NOV.2011 10:37:45



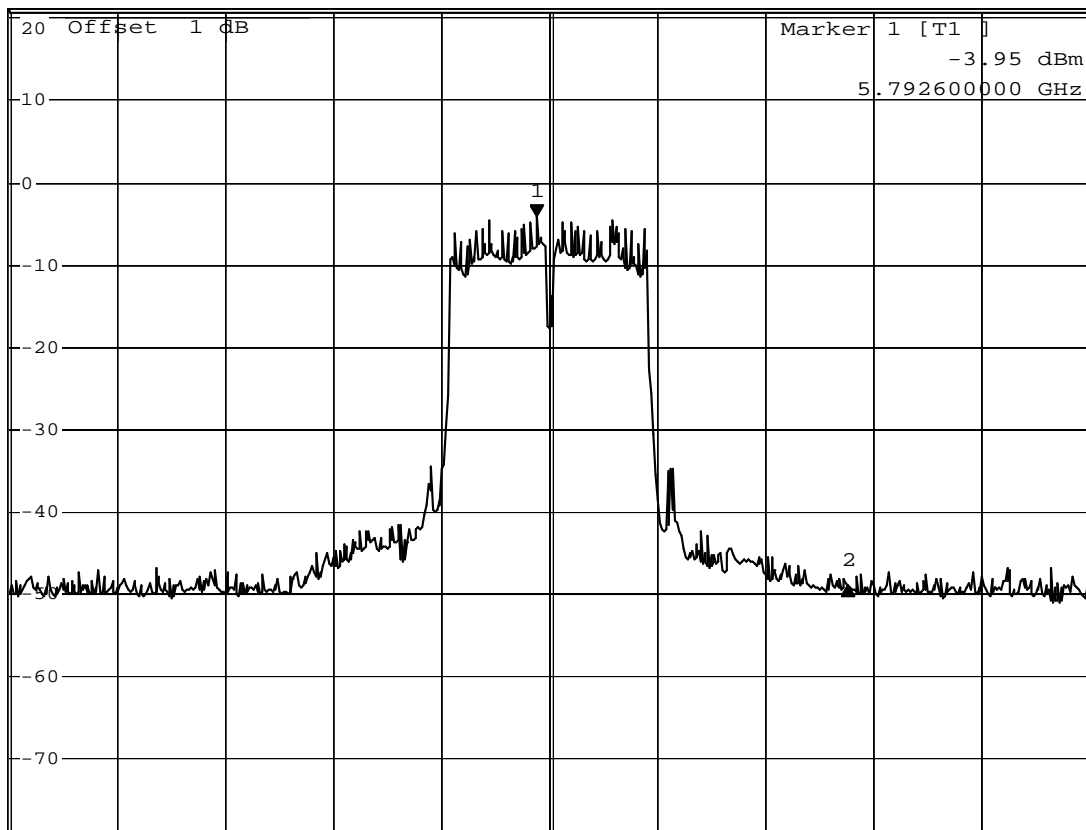
## Channel 159 (5795MHz)



\*RBW 100 kHz Delta 2 [T1 ]  
 \*VBW 100 kHz -44.97 dB  
 \*SWT 100 ms 57.40000000 MHz

Ref 21 dBm \*Att 30 dB

1 PK  
VIEW



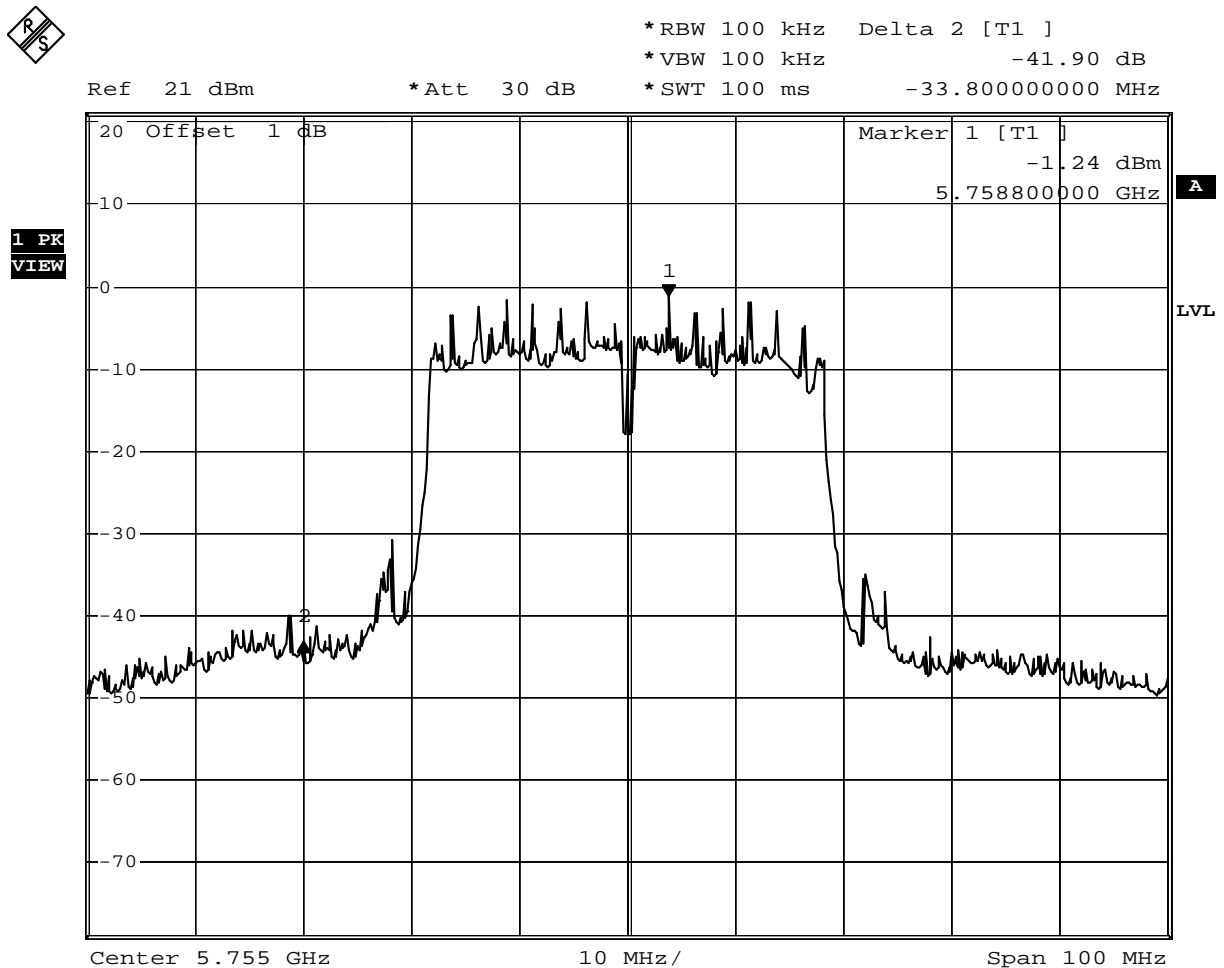
Center 5.795 GHz 20 MHz/ Span 200 MHz

Date: 12.NOV.2011 10:38:59

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/12	Test Site	SR7

IEEE 802.11n (40MHz), (ANT 2) Antenna Gain: 2dBi Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
151	5755	41.90	$\geq 20$	Pass
159	5795	48.86	$\geq 20$	Pass

### Channel 151 (5755MHz)



Date: 12.NOV.2011 10:37:18

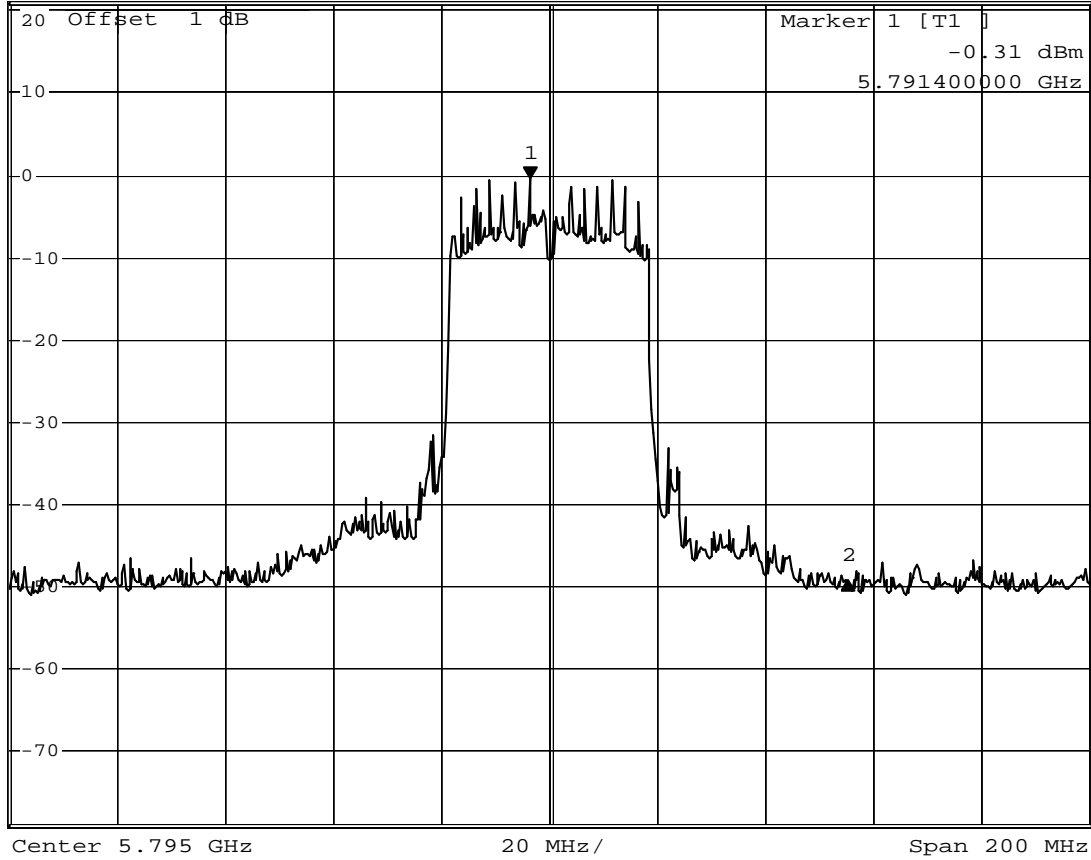
### Channel 159 (5795MHz)



\*RBW 100 kHz Delta 2 [T1 ]  
\*VBW 100 kHz -48.86 dB  
\*SWT 100 ms 58.60000000 MHz

Ref 21 dBm

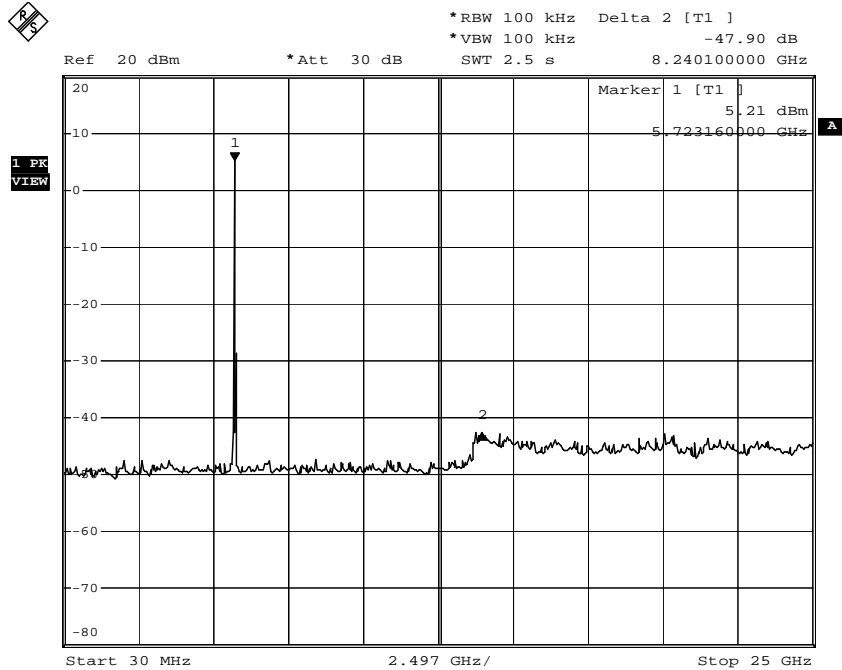
\*Att 30 dB



Date: 12.NOV.2011 10:39:23

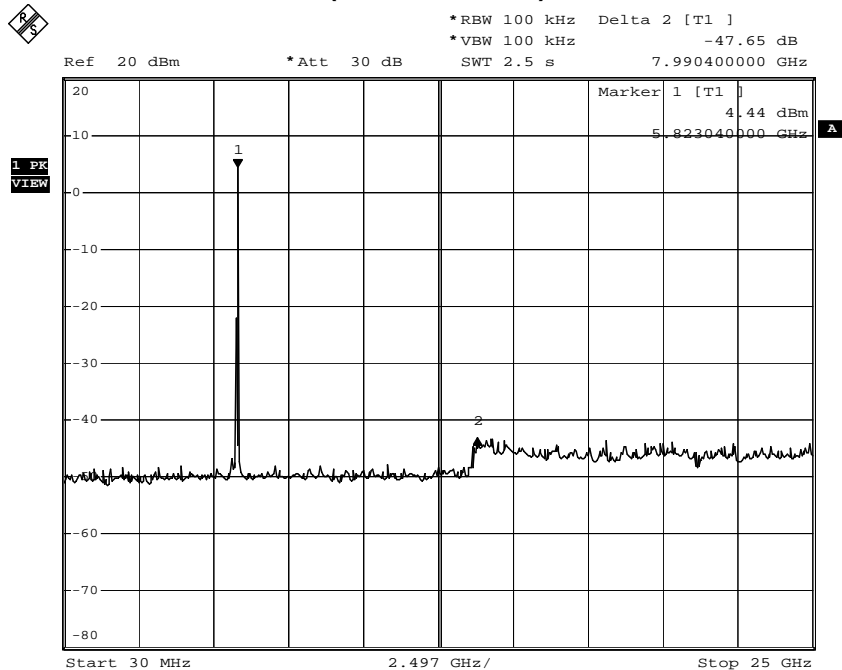
Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/12	Test Site	SR7

### 5745MHz (30MHz~25GHz)-802.11a



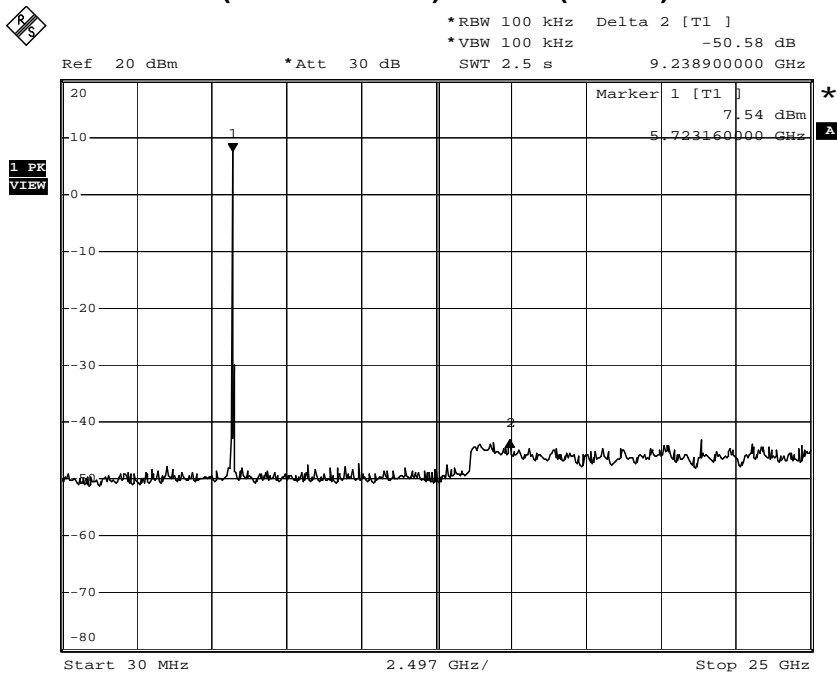
Comment: A:\2  
 Date: 16.NOV.2011 22:43:49

### 5825MHz (30MHz~25GHz)-802.11a



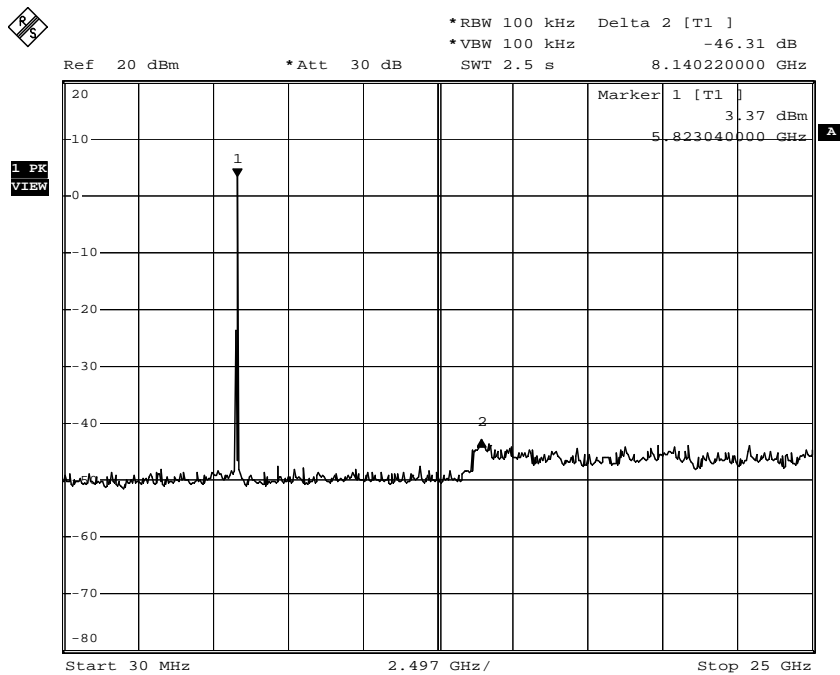
Comment: A:\2  
 Date: 16.NOV.2011 22:45:29

**5745MHz (30MHz~25GHz)-802.11n(20MHz)-ANT 0**



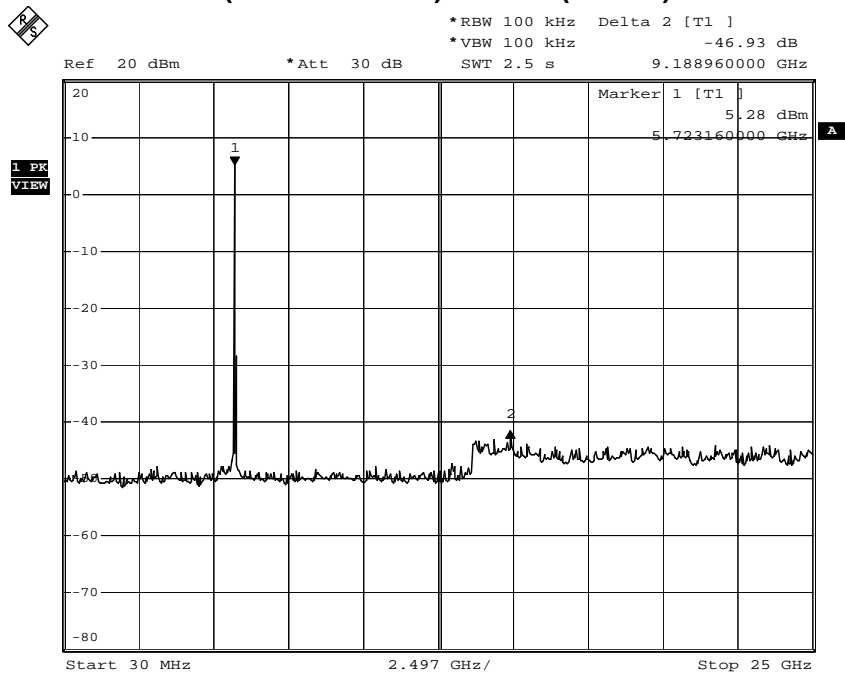
Comment: A:\2  
 Date: 16.NOV.2011 22:46:17

**5825MHz (30MHz~25GHz) -802.11n(20MHz)-ANT 0**



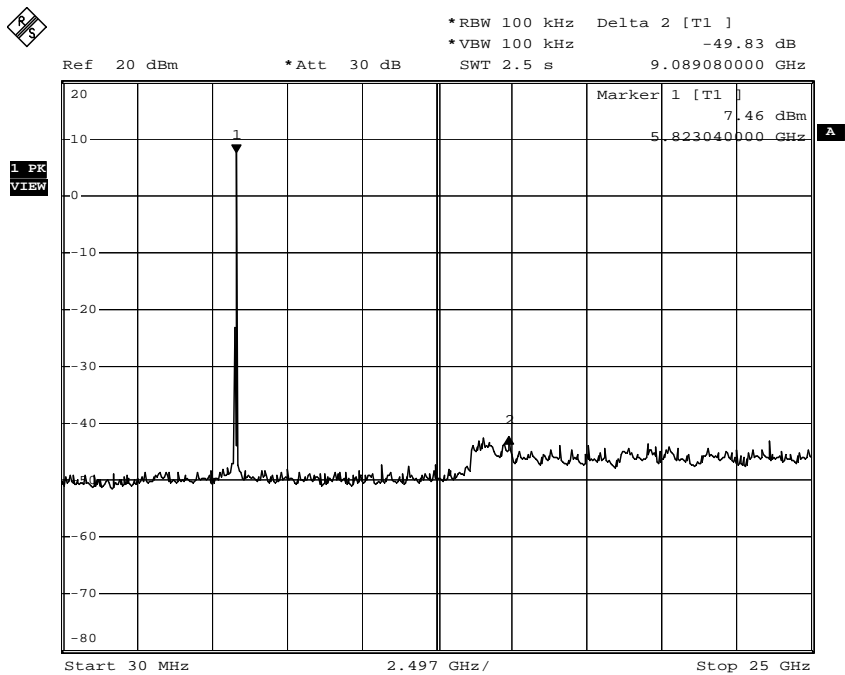
Comment: A:\2  
 Date: 16.NOV.2011 22:49:57

5745MHz (30MHz~25GHz)-802.11n(20MHz)-ANT 1



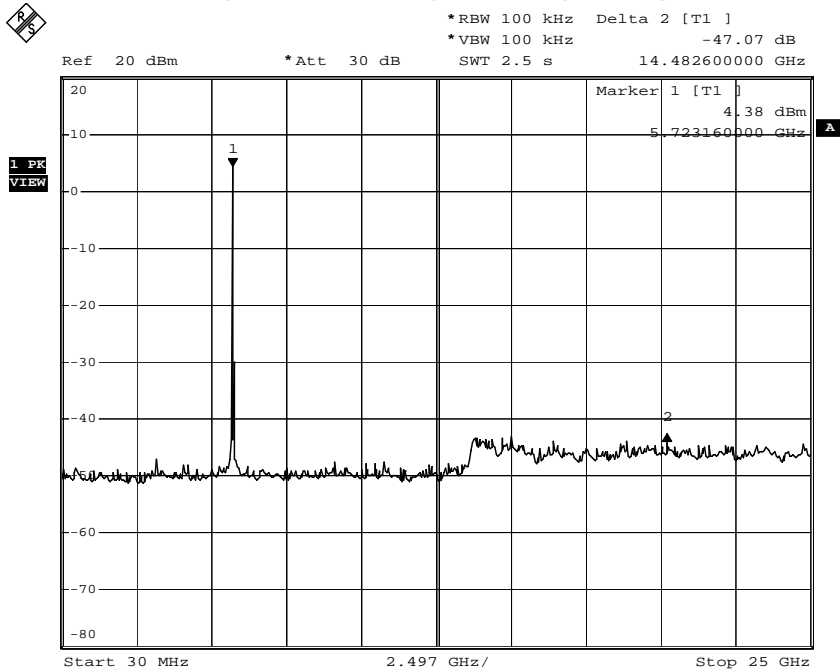
Comment: A:\2  
 Date: 16.NOV.2011 22:48:11

5825MHz (30MHz~25GHz) -802.11n(20MHz)-ANT 1



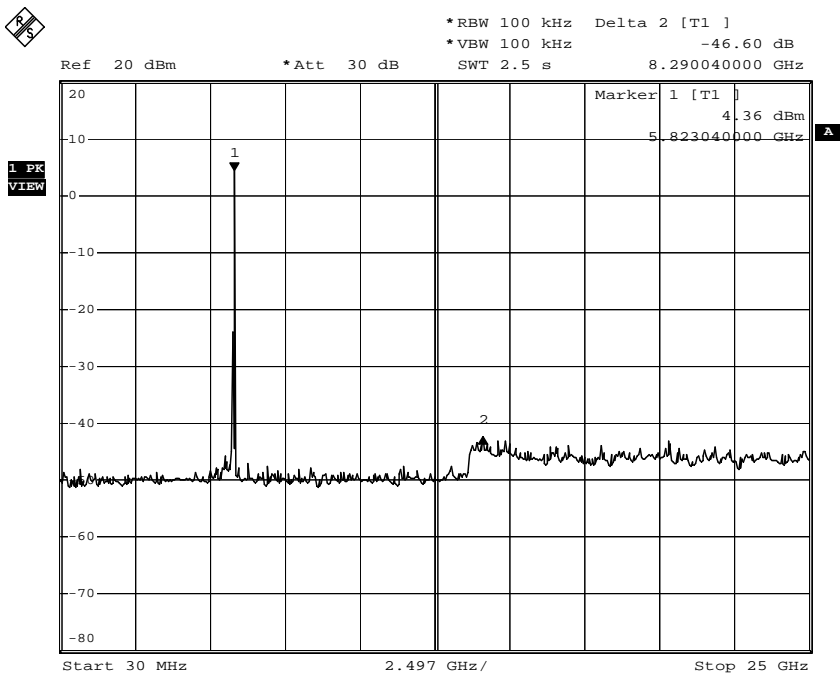
Comment: A:\2  
 Date: 16.NOV.2011 22:48:49

5745MHz (30MHz~25GHz)-802.11n(20MHz)-ANT 2



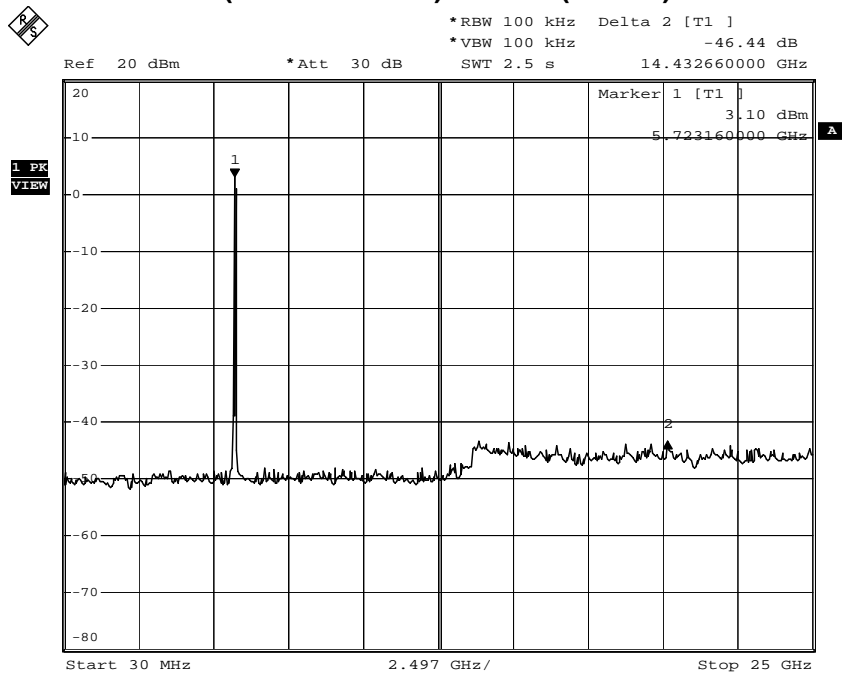
Comment: A:\2  
 Date: 16.NOV.2011 22:47:05

5825MHz (30MHz~25GHz) -802.11n(20MHz)-ANT 2



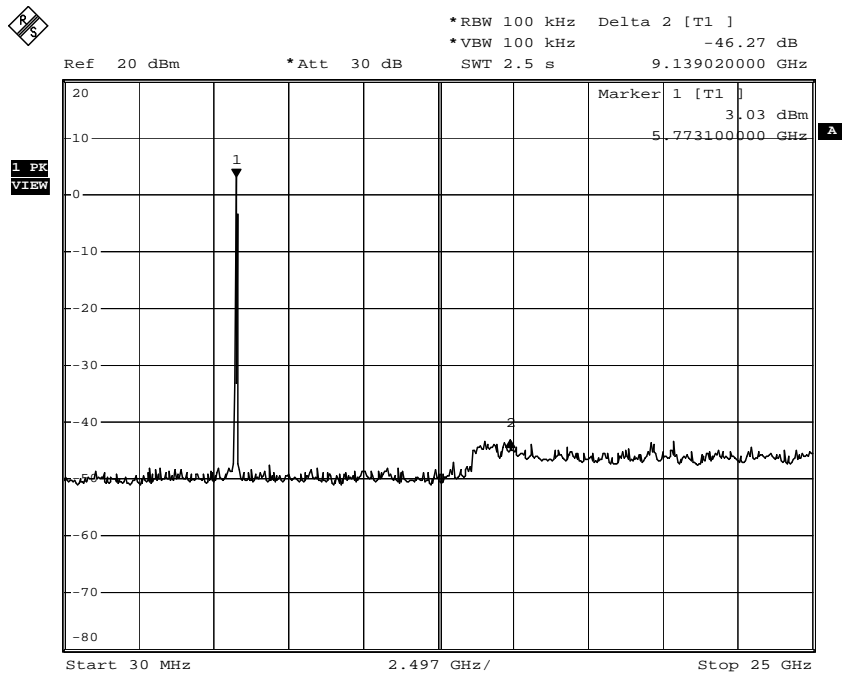
Comment: A:\2  
 Date: 16.NOV.2011 22:49:25

## 5755MHz (30MHz~25GHz)-802.11n(40MHz)-ANT 0



Comment: A:\2  
 Date: 16.NOV.2011 22:50:50

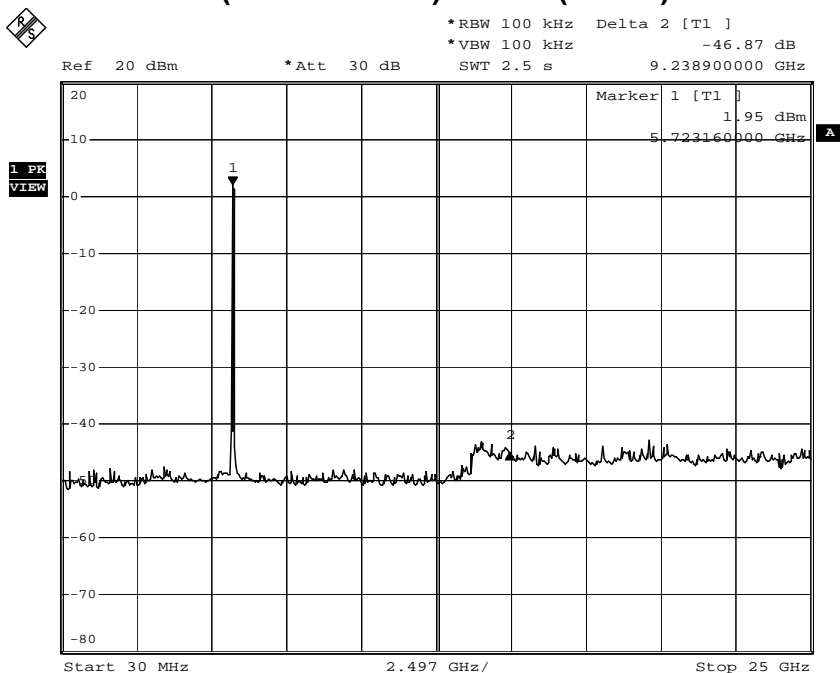
## 5795MHz (30MHz~25GHz) -802.11n(40MHz)-ANT 0



Comment: A:\2  
 Date: 16.NOV.2011 22:53:54

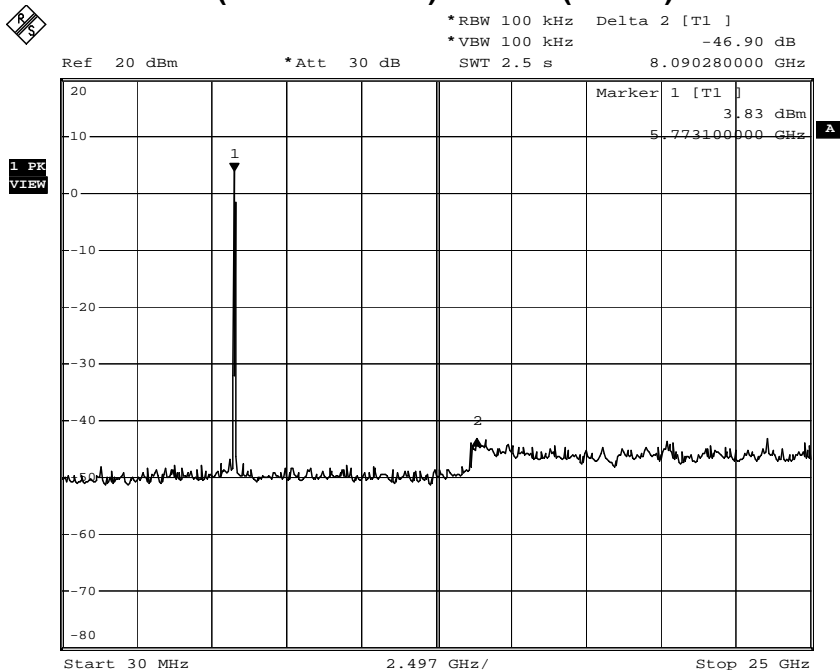


## 5755MHz (30MHz~25GHz)-802.11n(40MHz)-ANT 1



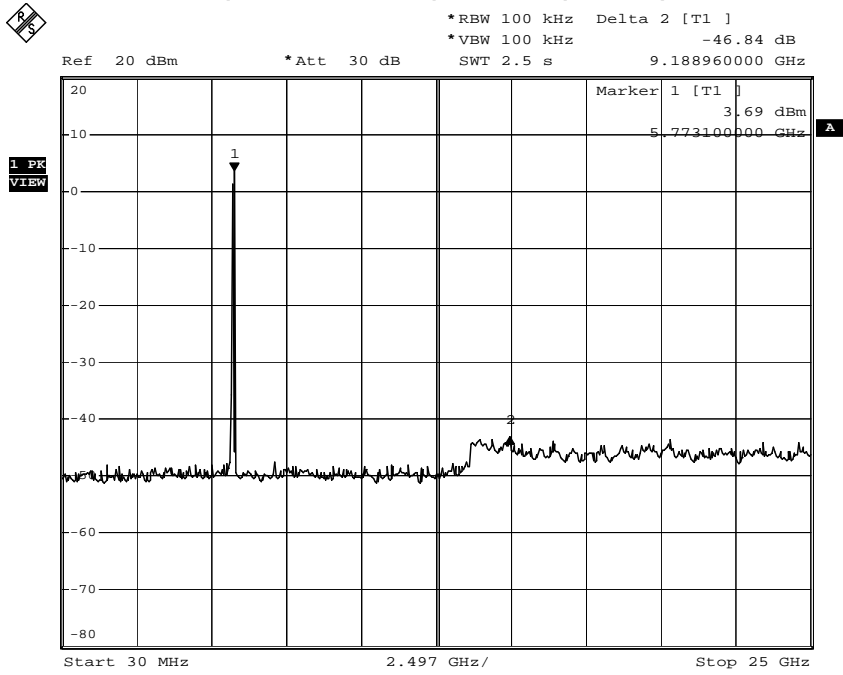
Comment: A:\2  
 Date: 16.NOV.2011 22:51:57

## 5795MHz (30MHz~25GHz) -802.11n(40MHz)-ANT 1



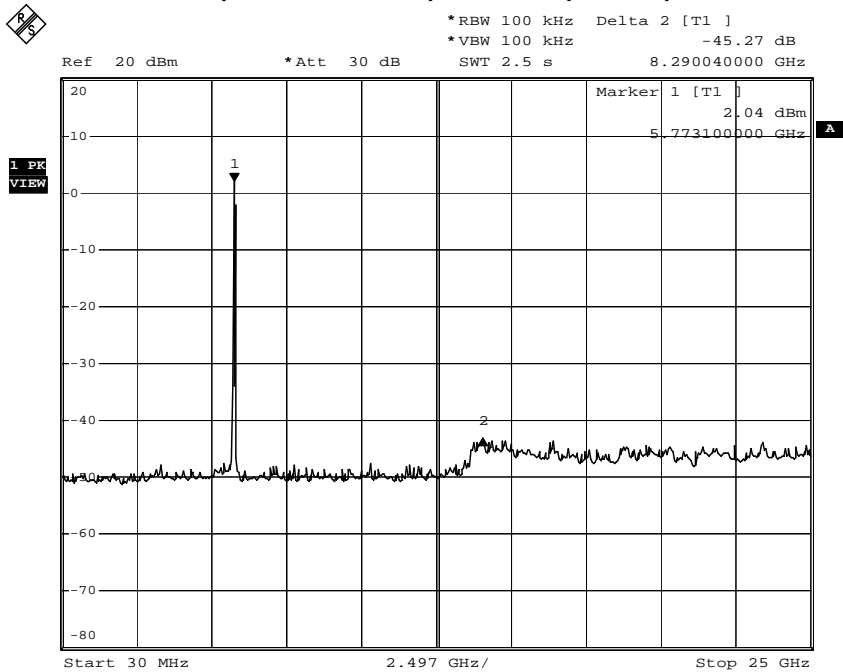
Comment: A:\2  
 Date: 16.NOV.2011 22:52:32

5755MHz (30MHz~25GHz)-802.11n(40MHz)-ANT 2



Comment: A:\2  
 Date: 16.NOV.2011 22:51:27

5795MHz (30MHz~25GHz) -802.11n(40MHz)-ANT 2



Comment: A:\2  
 Date: 16.NOV.2011 22:53:20

6. Radiated Emission Band Edge

6.1. Test Equipment

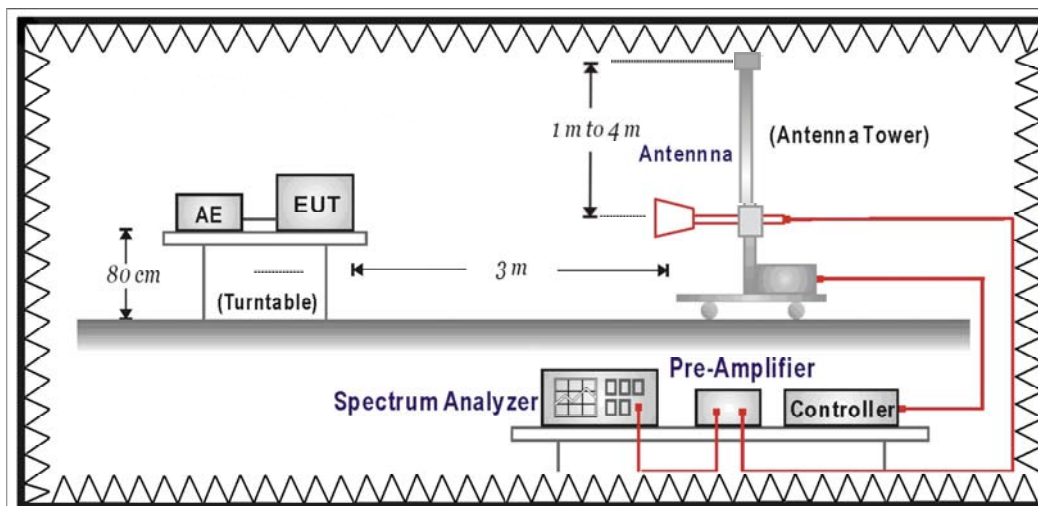
The following test equipments are used during the test:

**Radiated Emission Band Edge / CB1**

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Double Ridged Guide Horn Antenna	Schwarzback	BBHA 9120D	743	2012/02/24
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.

6.2. Test Setup



**6.3. Limits**

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 20dB below the level of the fundamental or to the general radiated emission limits in paragraph 15.209, whichever is the lesser attenuation.

**6.4. Test Procedure**

The EUT was setup according to ANSI C63.4: 2009 and tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements. The EUT and its simulators are placed on a turn table which is 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

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

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.4: 2009 on radiated measurement.

**6.5. Test Specification**

According to FCC Part 15 Subpart C Paragraph 15.207: 2010

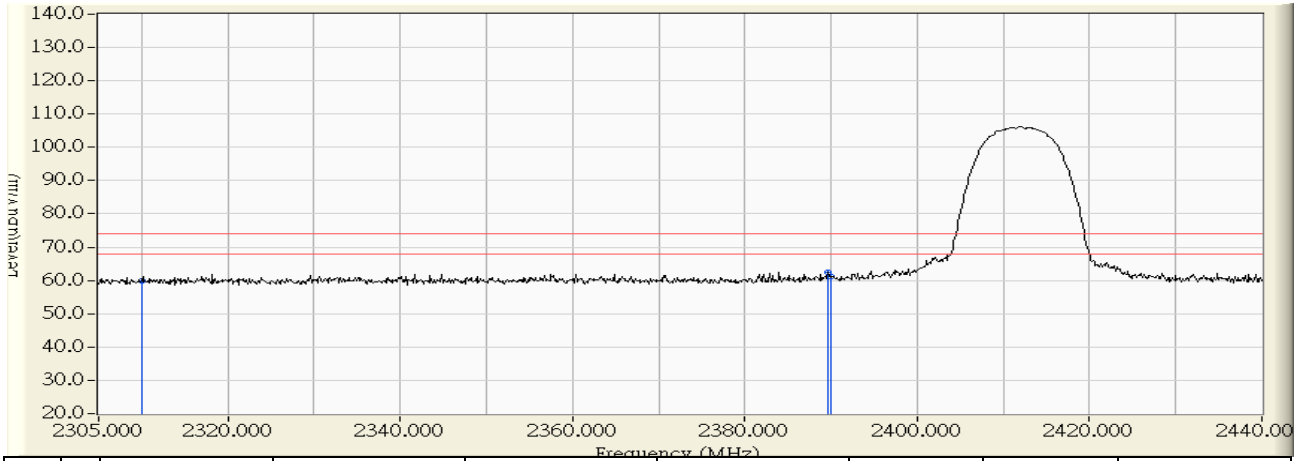
**6.6. Uncertainty**

The measurement uncertainty  
 $\pm 3.9$  dB above 1GHz

6.7. Test Result

Radiated is defined as

Site : CB1	Time : 2011/11/09 - 15:22
Limit : FCC_SpartC_15.209_03M_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 : TX-2412MHz,802.11b

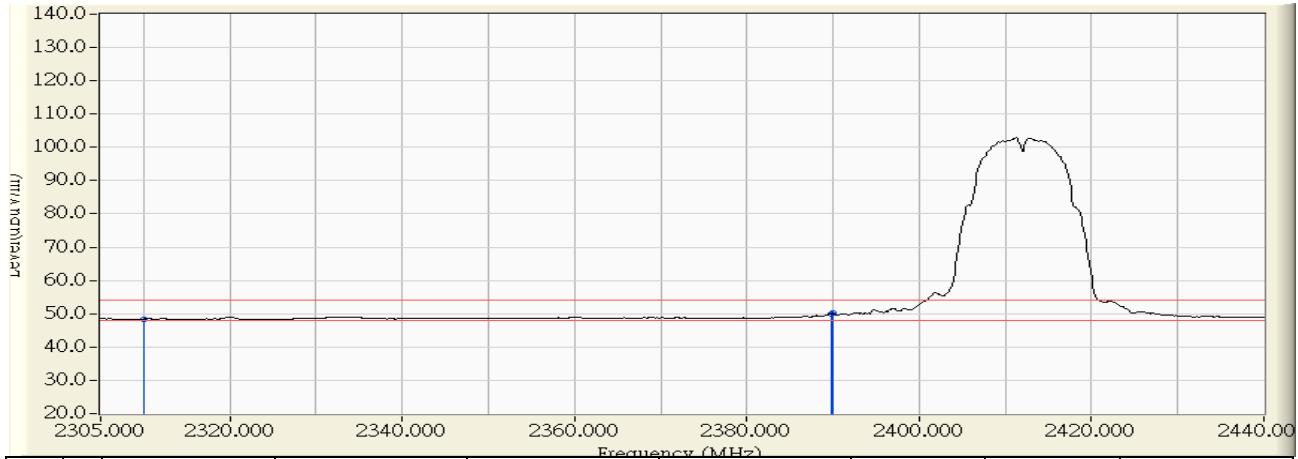


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	29.779	30.028	59.807	-14.193	74.000	PEAK
2	* 2389.645	30.575	31.750	62.324	-11.676	74.000	PEAK
3	2390.000	30.578	30.482	61.060	-12.940	74.000	PEAK

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.

Site : CB1	Time : 2011/11/09 - 15:23
Limit : FCC_SpartC_15.209_03M_AV	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 : TX-2412MHz,802.11b

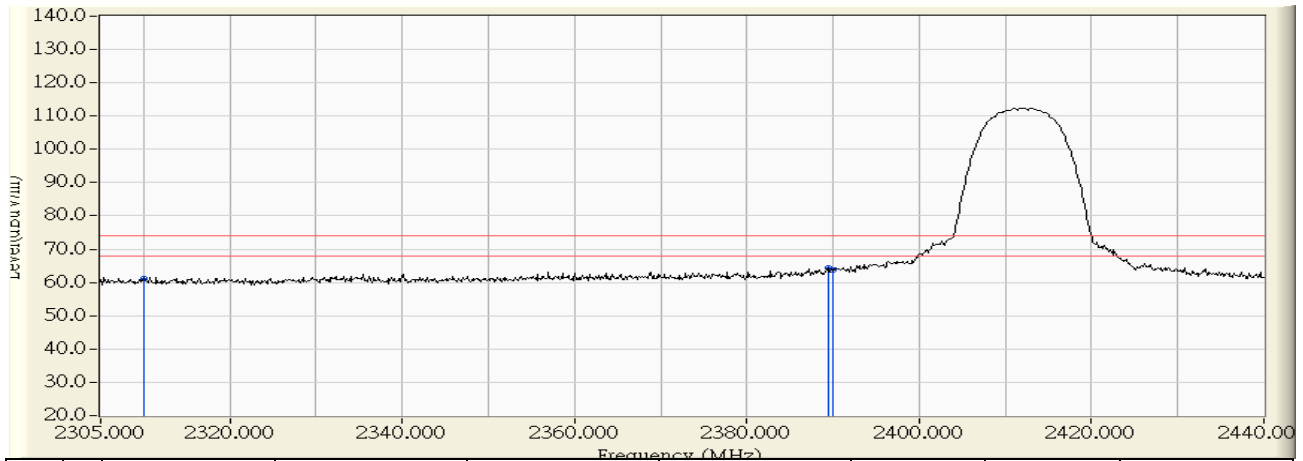


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	29.779	18.654	48.433	-5.567	54.000	AVERAGE
2	2389.780	30.576	19.438	50.014	-3.986	54.000	AVERAGE
3	* 2390.000	30.578	19.537	50.115	-3.885	54.000	AVERAGE

Note:

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

Site : CB1	Time : 2011/11/09 - 15:16
Limit : FCC_SpartC_15.209_03M_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 : TX-2412MHz,802.11b

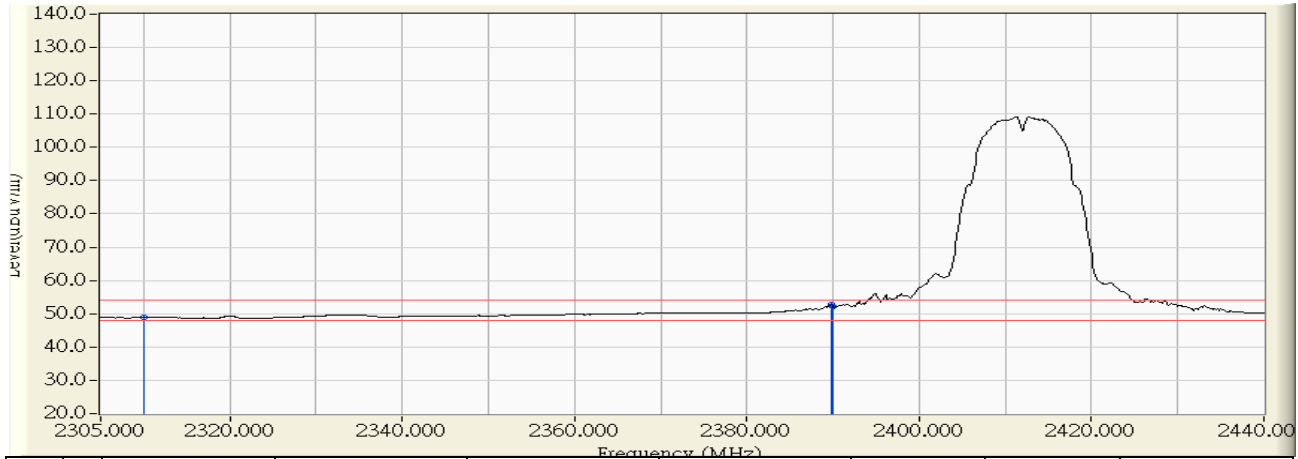


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	29.779	31.557	61.336	-12.664	74.000	PEAK
2	* 2389.375	30.571	33.696	64.268	-9.732	74.000	PEAK
3	2390.000	30.578	33.195	63.773	-10.227	74.000	PEAK

**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.

Site : CB1	Time : 2011/11/09 - 15:16
Limit : FCC_SpartC_15.209_03M_AV	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 : TX-2412MHz,802.11b



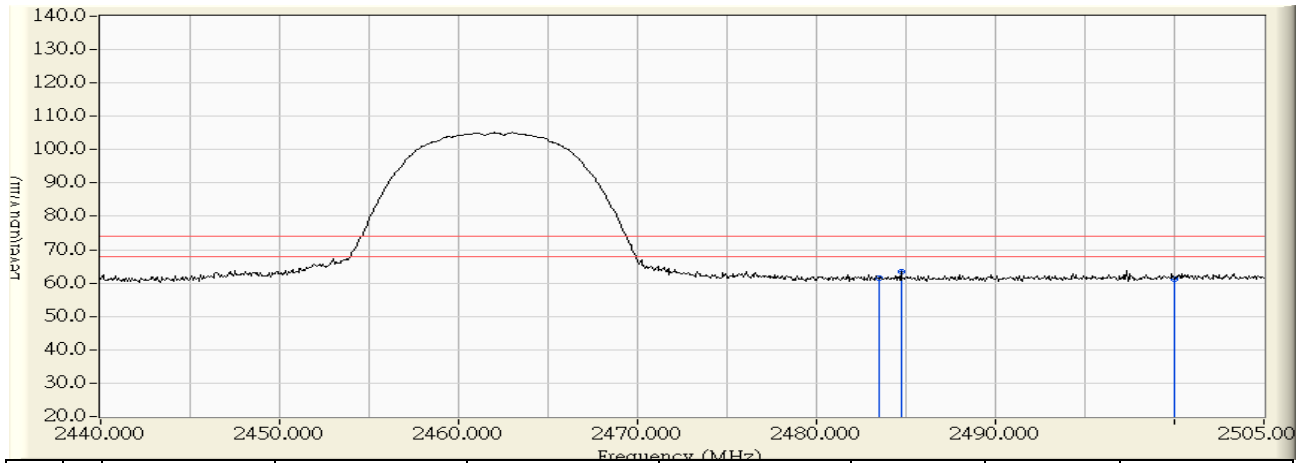
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	29.779	19.070	48.849	-5.151	54.000	AVERAGE
2	* 2389.780	30.576	22.195	52.771	-1.229	54.000	AVERAGE
3	2390.000	30.578	21.453	52.031	-1.969	54.000	AVERAGE

Note:

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



Site : CB1	Time : 2011/11/09 - 15:29
Limit : FCC_SpartC_15.209_03M_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 : TX-2462MHz,802.11b

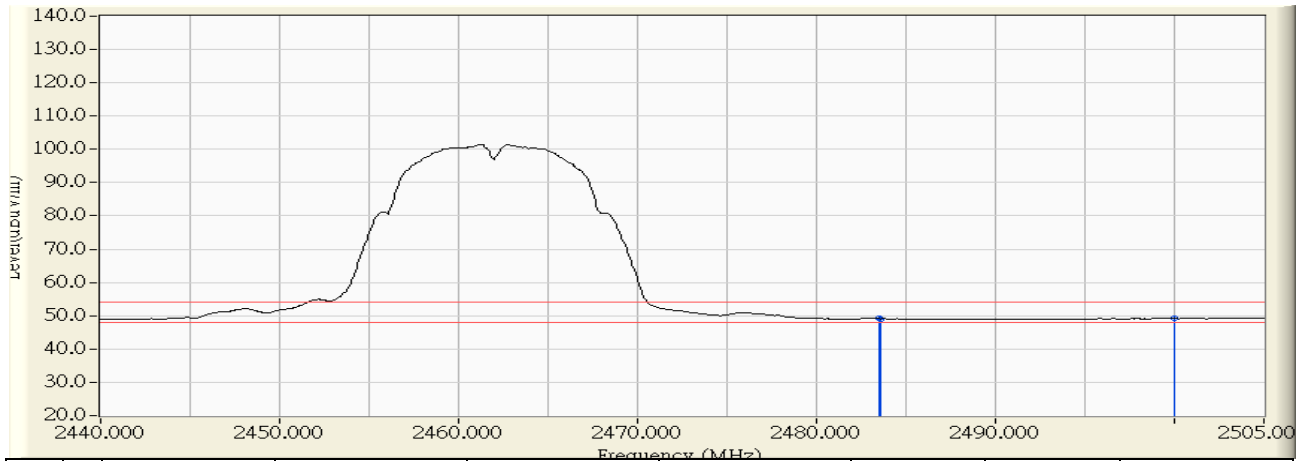


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2483.500	31.512	29.884	61.396	-12.604	74.000	PEAK
2	* 2484.720	31.524	31.999	63.523	-10.477	74.000	PEAK
3	2500.000	31.638	29.594	61.233	-12.767	74.000	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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.

Site : CB1	Time : 2011/11/09 - 15:30
Limit : FCC_SpartC_15.209_03M_AV	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 : TX-2462MHz,802.11b

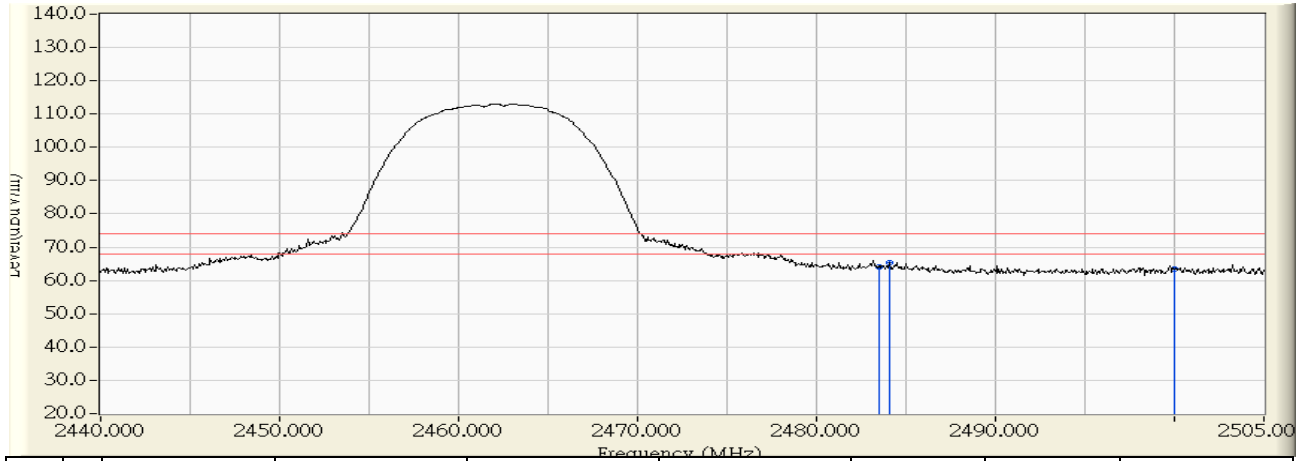


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2483.500	31.512	17.609	49.121	-4.879	54.000	AVERAGE
2	2483.550	31.513	17.599	49.111	-4.889	54.000	AVERAGE
3	* 2500.000	31.638	17.501	49.140	-4.860	54.000	AVERAGE

**Note:**

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

Site : CB1	Time : 2011/11/09 - 15:27
Limit : FCC_SpartC_15.209_03M_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 : TX-2462MHz,802.11b

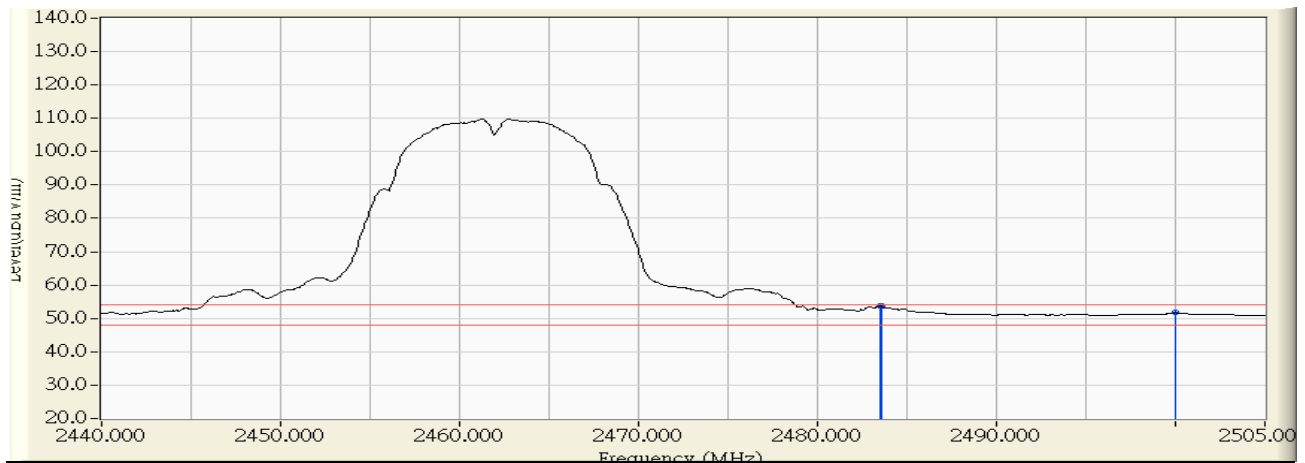


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2483.500	31.512	32.667	64.179	-9.821	74.000	PEAK
2	* 2484.070	31.517	33.866	65.384	-8.616	74.000	PEAK
3	2500.000	31.638	31.768	63.407	-10.593	74.000	PEAK

**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.

Site : CB1	Time : 2011/11/09 - 15:27
Limit : FCC_SpartC_15.209_03M_AV	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 : TX-2462MHz,802.11b

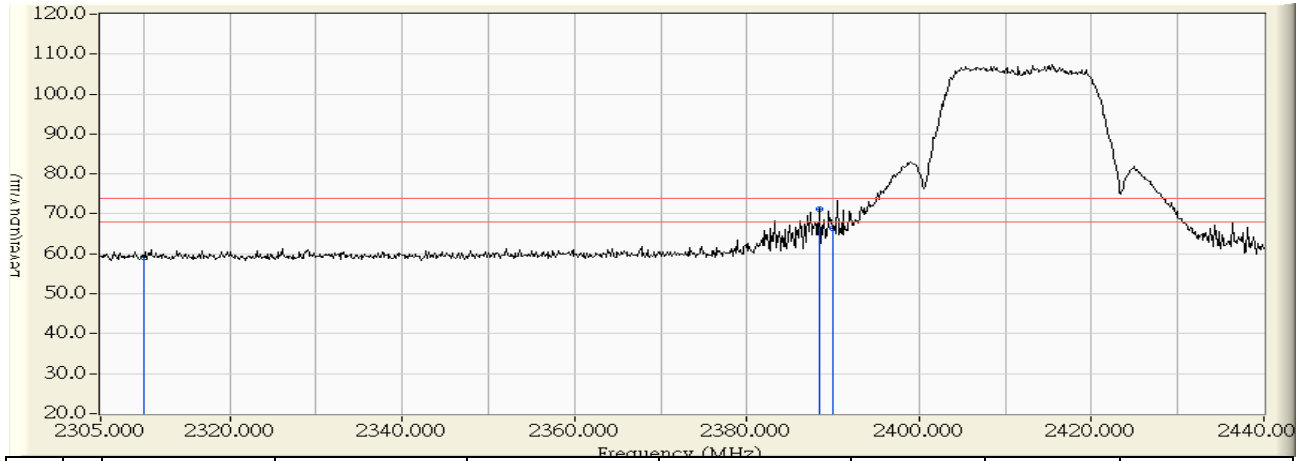


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2483.500	31.512	22.150	53.662	-0.338	54.000	AVERAGE
2		2483.550	31.513	22.138	53.650	-0.350	54.000	AVERAGE
3		2500.000	31.638	20.055	51.694	-2.306	54.000	AVERAGE

**Note:**

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

Site : CB1	Time : 2011/11/07 - 11:51
Limit : FCC_SpartC_15.209_03M_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 : TX-2412MHz,802.11g

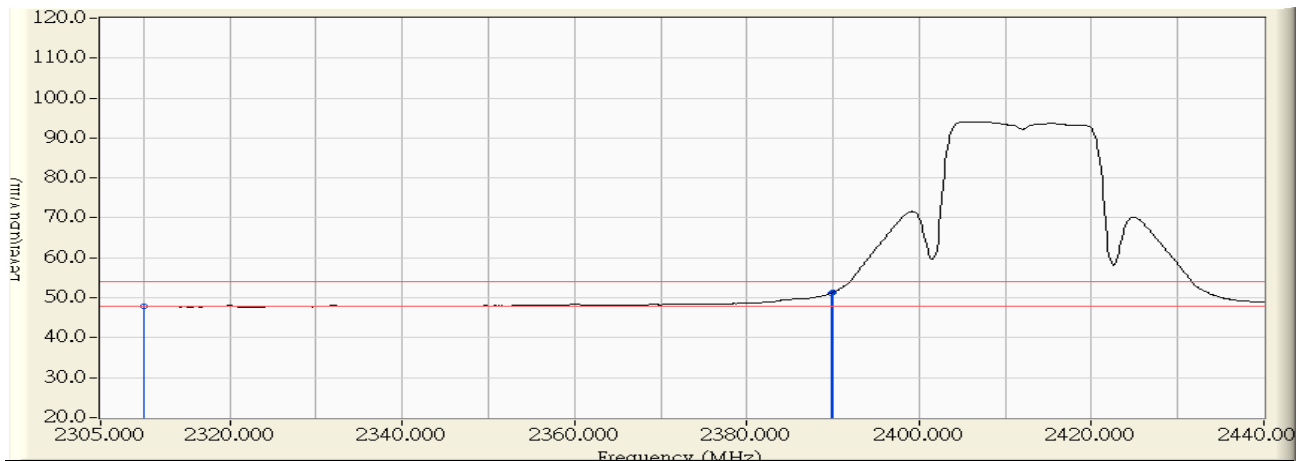


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	29.779	29.396	59.175	-14.825	74.000	PEAK
2	* 2388.430	30.563	40.774	71.336	-2.664	74.000	PEAK
3	2390.000	30.578	35.792	66.370	-7.630	74.000	PEAK

**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.

Site : CB1	Time : 2011/11/07 - 11:52
Limit : FCC_SpartC_15.209_03M_AV	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 : TX-2412MHz,802.11g

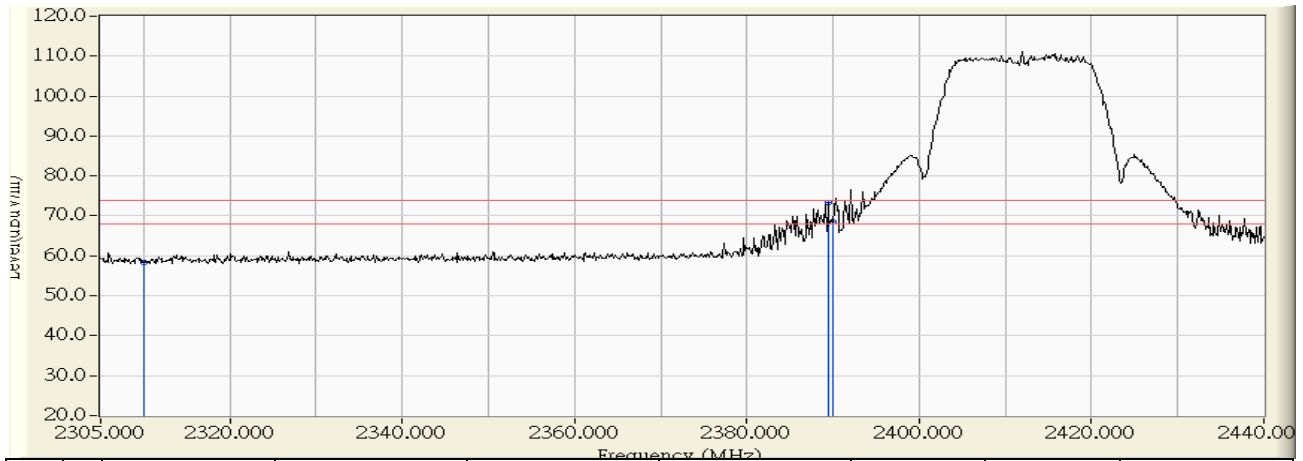


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	29.779	18.039	47.818	-6.182	54.000	AVERAGE
2	2389.780	30.576	20.550	51.126	-2.874	54.000	AVERAGE
3	* 2390.000	30.578	20.783	51.361	-2.639	54.000	AVERAGE

**Note:**

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

Site : CB1	Time : 2011/11/07 - 11:47
Limit : FCC_SpartC_15.209_03M_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 : TX-2412MHz,802.11g

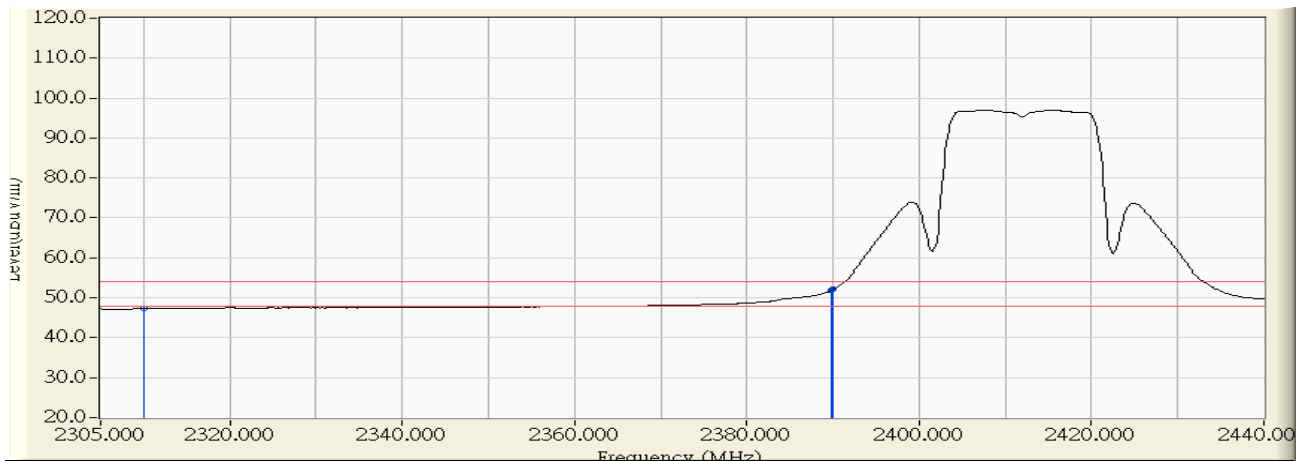


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	29.779	28.606	58.385	-15.615	74.000	PEAK
2	* 2389.375	30.571	42.695	73.267	-0.733	74.000	PEAK
3	2390.000	30.578	37.930	68.508	-5.492	74.000	PEAK

**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.

Site : CB1	Time : 2011/11/07 - 11:48
Limit : FCC_SpartC_15.209_03M_AV	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 : TX-2412MHz,802.11g



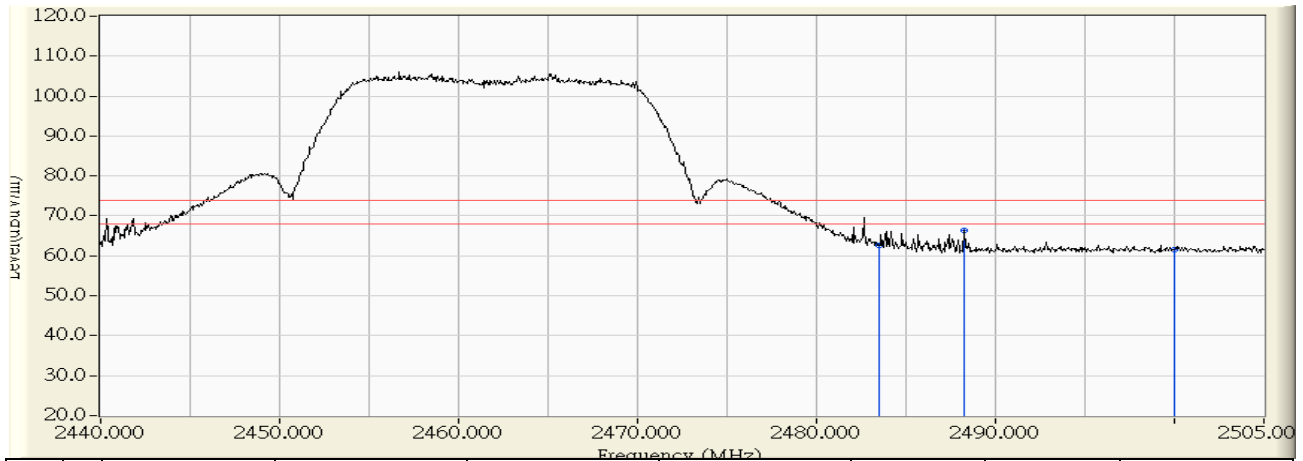
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	29.779	17.483	47.262	-6.738	54.000	AVERAGE
2	2389.780	30.576	21.304	51.880	-2.120	54.000	AVERAGE
3	* 2390.000	30.578	21.592	52.170	-1.830	54.000	AVERAGE

**Note:**

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



Site : CB1	Time : 2011/11/07 - 13:08
Limit : FCC_SpartC_15.209_03M_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 : TX-2462MHz,802.11g

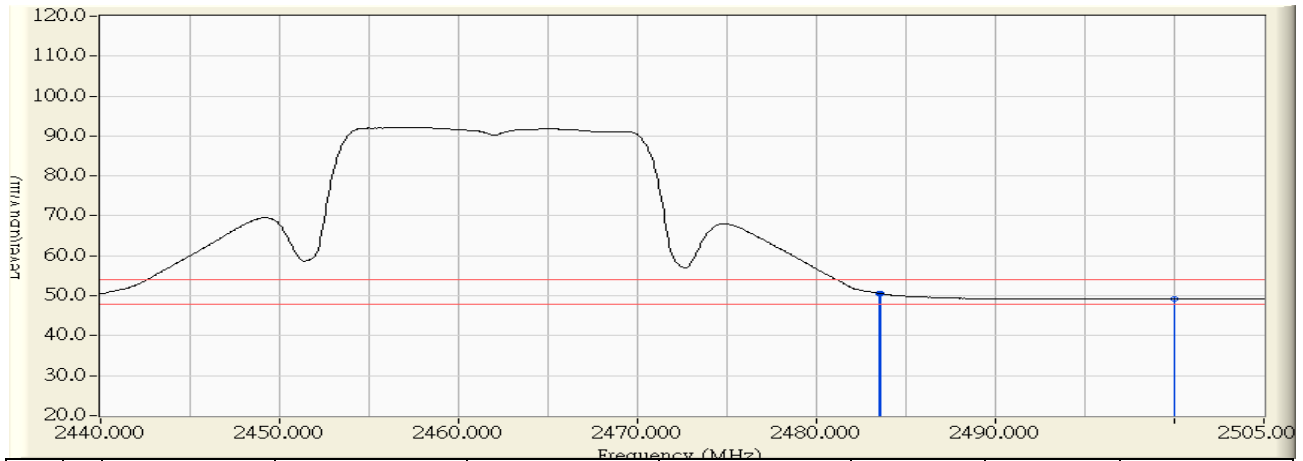


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2483.500	31.512	31.158	62.670	-11.330	74.000	PEAK
2	* 2488.230	31.559	34.820	66.379	-7.621	74.000	PEAK
3	2500.000	31.638	29.870	61.509	-12.491	74.000	PEAK

**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.

Site : CB1	Time : 2011/11/07 - 13:09
Limit : FCC_SpartC_15.209_03M_AV	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 : TX-2462MHz,802.11g

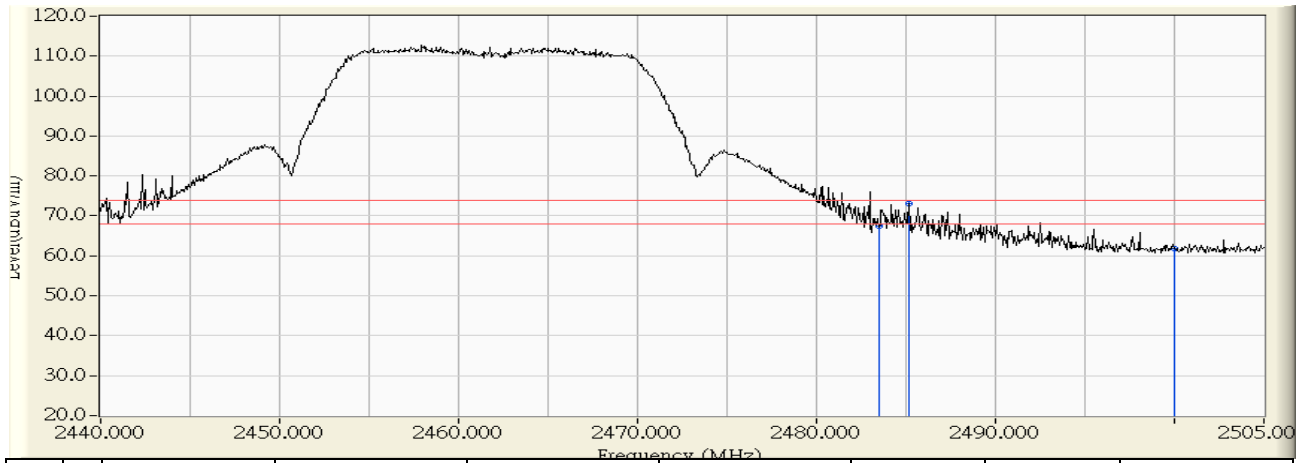


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2483.500	31.512	19.080	50.592	-3.408	54.000	AVERAGE
2		2483.550	31.513	19.063	50.575	-3.425	54.000	AVERAGE
3		2500.000	31.638	17.625	49.264	-4.736	54.000	AVERAGE

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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.

Site : CB1	Time : 2011/11/07 - 13:04
Limit : FCC_SpartC_15.209_03M_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 : TX-2462MHz,802.11g

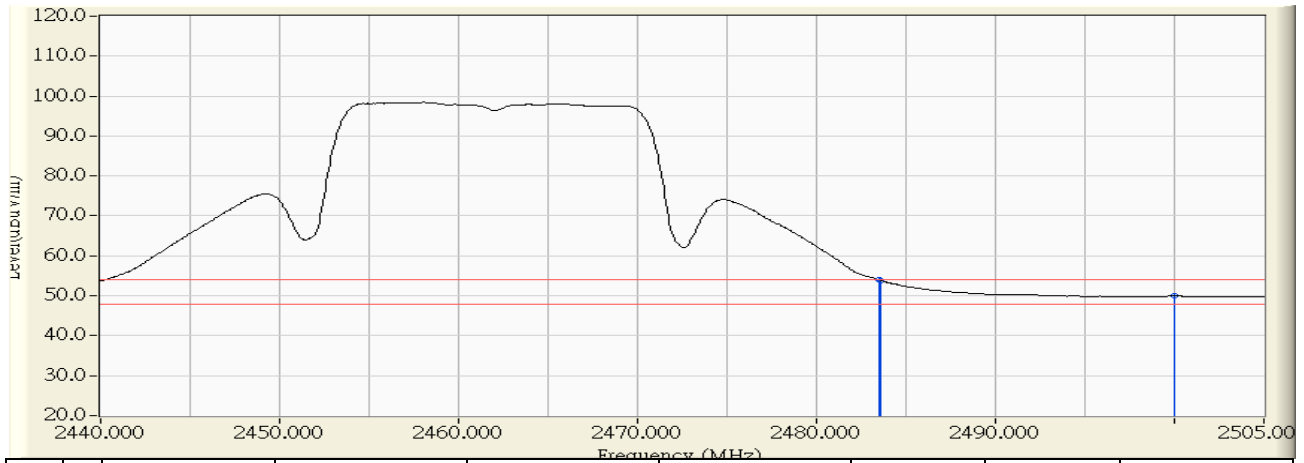


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2483.500	31.512	35.865	67.377	-6.623	74.000	PEAK
2	* 2485.175	31.529	41.677	73.206	-0.794	74.000	PEAK
3	2500.000	31.638	30.121	61.760	-12.240	74.000	PEAK

**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.

Site : CB1	Time : 2011/11/07 - 13:05
Limit : FCC_SpartC_15.209_03M_AV	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 : TX-2462MHz,802.11g

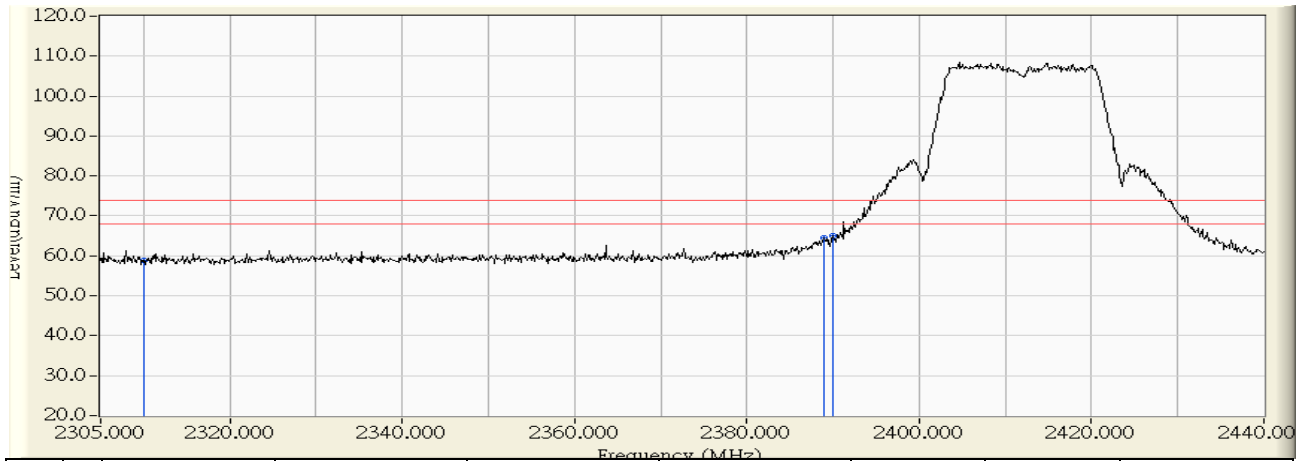


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2483.500	31.512	22.406	53.918	-0.082	54.000	AVERAGE
2		2483.550	31.513	22.340	53.852	-0.148	54.000	AVERAGE
3		2500.000	31.638	18.344	49.983	-4.017	54.000	AVERAGE

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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.

Site : CB1	Time : 2011/11/08 - 13:24
Limit : FCC_SpartC_15.209_03M_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 : TX-2412MHz,802.11n(20MHz)

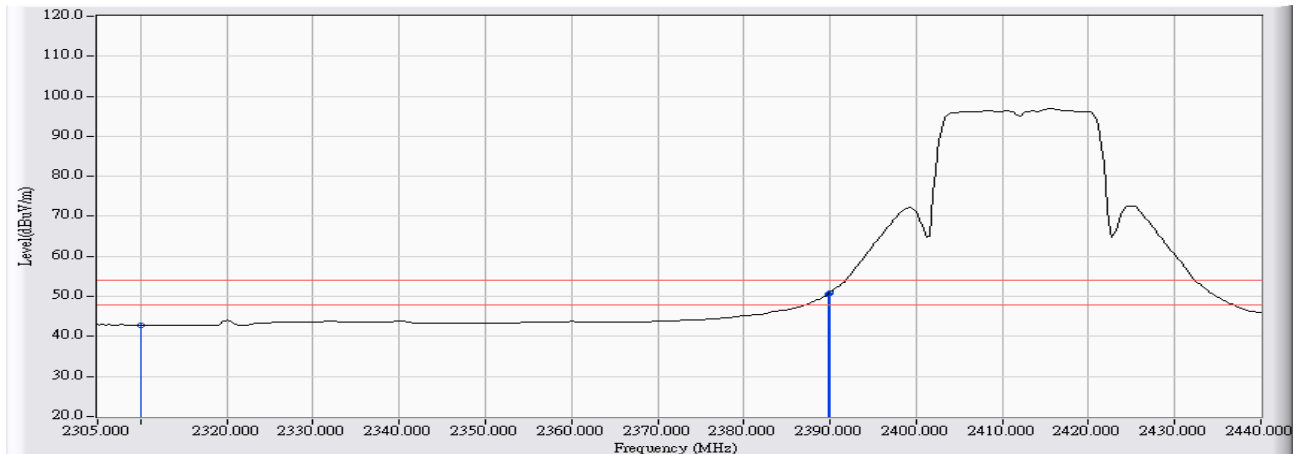


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	29.779	28.962	58.741	-15.259	74.000	PEAK
2	2388.970	30.568	33.853	64.421	-9.579	74.000	PEAK
3	* 2390.000	30.578	34.342	64.920	-9.080	74.000	PEAK

**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.

Site : CB1	Time : 2011/11/08 - 13:25
Limit : FCC_SpartC_15.209_03M_AV	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 : TX-2412MHz,802.11n(20MHz)

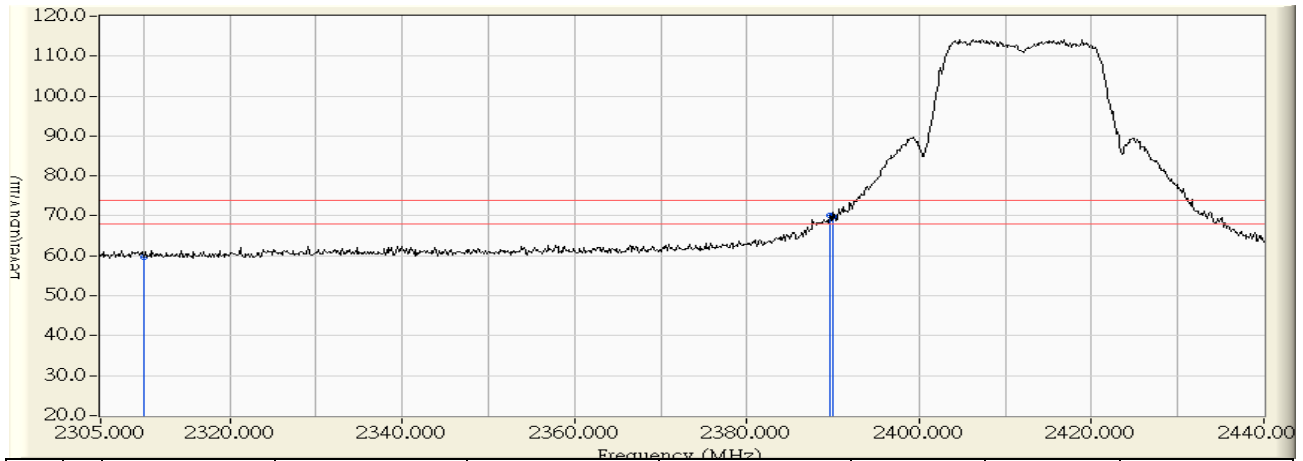


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	28.263	14.632	42.895	-11.105	54.000	AVERAGE
2	2389.825	28.574	22.111	50.686	-3.314	54.000	AVERAGE
3	* 2390.000	28.575	22.367	50.942	-3.058	54.000	AVERAGE

**Note:**

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

Site : CB1	Time : 2011/11/08 - 13:21
Limit : FCC_SpartC_15.209_03M_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 : TX-2412MHz,802.11n(20MHz)

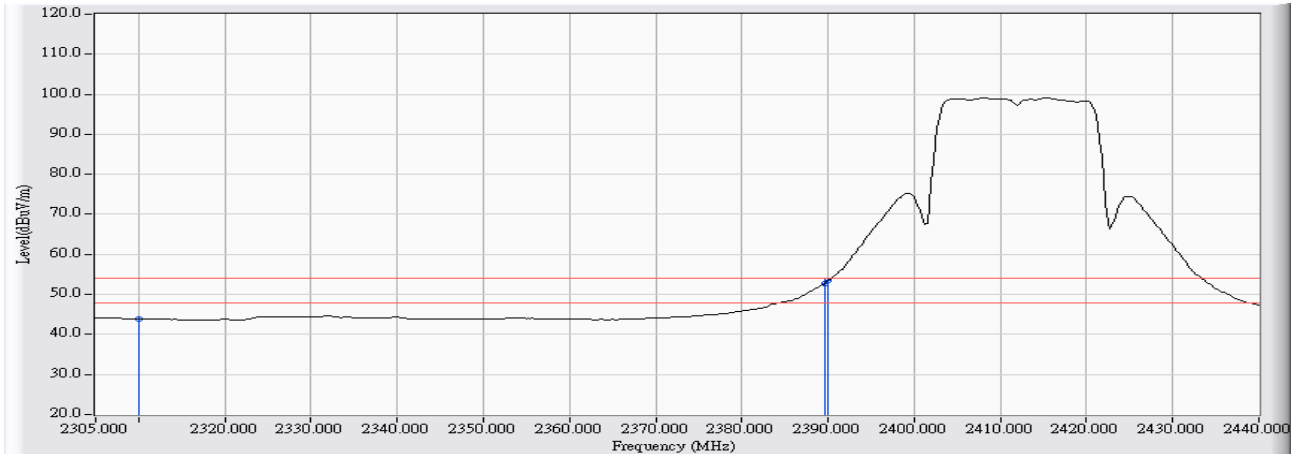


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	29.779	29.975	59.754	-14.246	74.000	PEAK
2	* 2389.645	30.575	39.567	70.141	-3.859	74.000	PEAK
3	2390.000	30.578	39.278	69.856	-4.144	74.000	PEAK

**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.

Site : CB1	Time : 2011/11/08 - 13:22
Limit : FCC_SpartC_15.209_03M_AV	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 : TX-2412MHz,802.11n(20MHz)



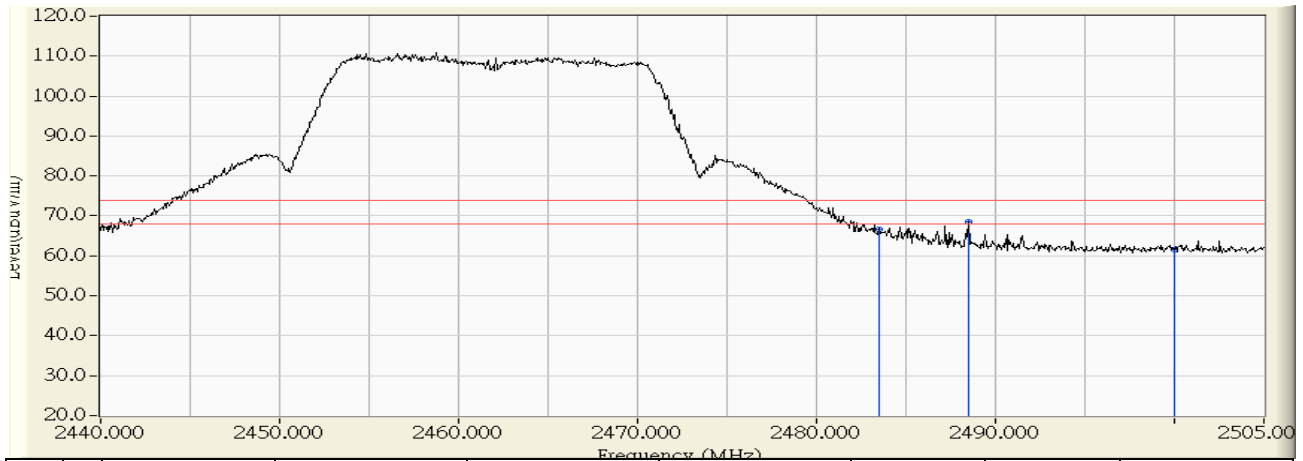
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	28.263	15.681	43.944	-10.056	54.000	AVERAGE
2	2389.600	28.574	24.220	52.794	-1.206	54.000	AVERAGE
3	* 2390.000	28.575	24.844	53.419	-0.581	54.000	AVERAGE

**Note:**

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



Site : CB1	Time : 2011/11/08 - 13:45
Limit : FCC_SpartC_15.209_03M_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 : TX-2462MHz,802.11n(20MHz)



	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2483.500	31.512	35.201	66.713	-7.287	74.000	PEAK
2	* 2488.490	31.562	36.966	68.528	-5.472	74.000	PEAK
3	2500.000	31.638	29.887	61.526	-12.474	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.

Site : CB1	Time : 2011/11/08 - 13:45
Limit : FCC_SpartC_15.209_03M_AV	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 : TX-2462MHz,802.11n(20MHz)

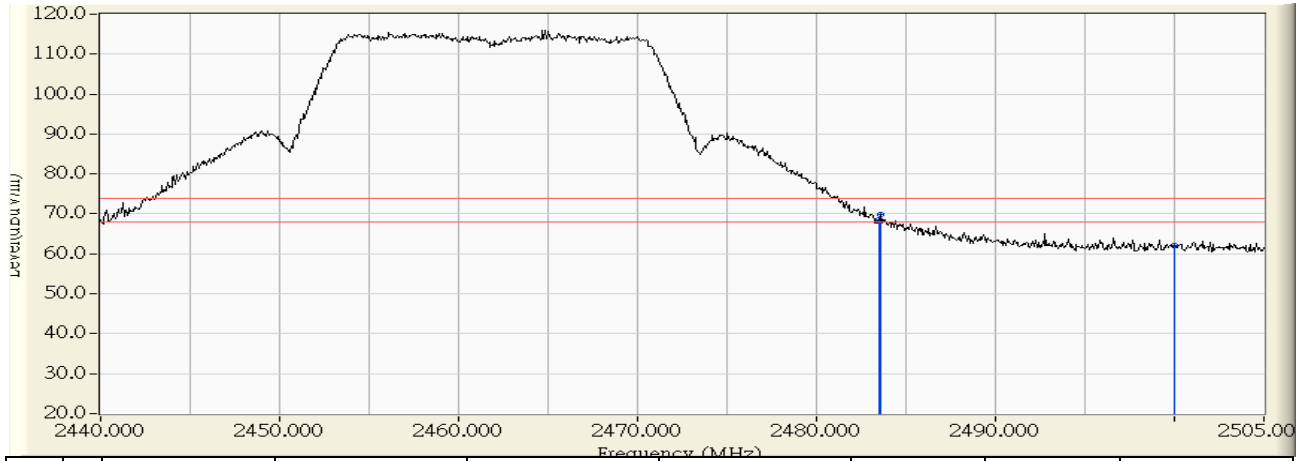


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2483.500	28.716	21.079	49.795	-4.205	54.000	AVERAGE
2	2483.550	28.716	20.973	49.689	-4.311	54.000	AVERAGE
3	* 2500.000	28.729	21.547	50.276	-3.724	54.000	AVERAGE

**Note:**

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

Site : CB1	Time : 2011/11/08 - 13:28
Limit : FCC_SpartC_15.209_03M_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 : TX-2462MHz,802.11n(20MHz)



	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2483.500	31.512	37.016	68.528	-5.472	74.000	PEAK
2	* 2483.615	31.513	38.342	69.855	-4.145	74.000	PEAK
3	2500.000	31.638	30.464	62.103	-11.897	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.

Site : CB1	Time : 2011/11/08 - 13:29
Limit : FCC_SpartC_15.209_03M_AV	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 : TX-2462MHz,802.11n(20MHz)

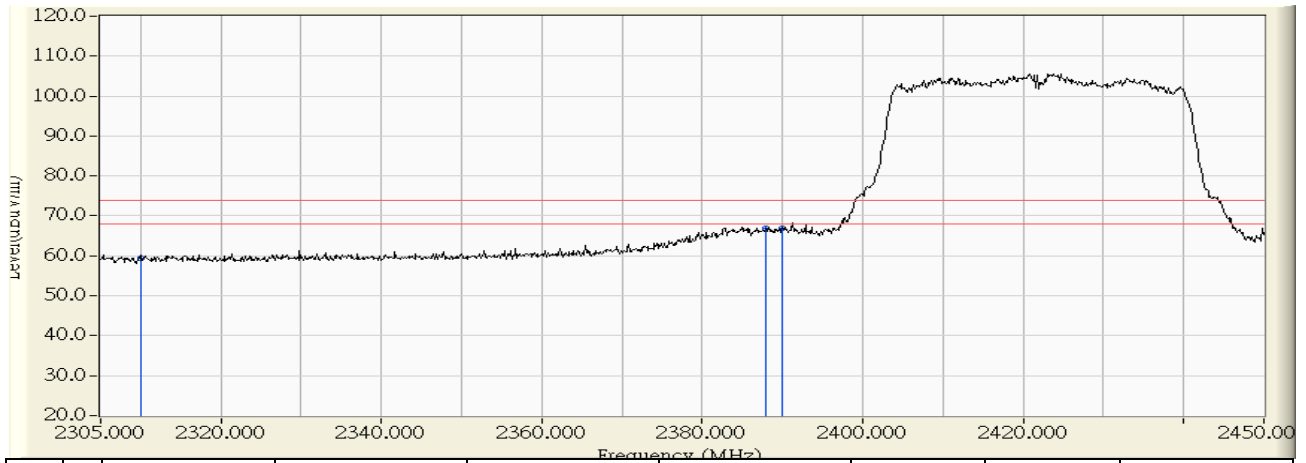


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2483.500	28.716	25.156	53.872	-0.128	54.000	AVERAGE
2		2483.550	28.716	25.071	53.787	-0.213	54.000	AVERAGE
3		2500.000	28.729	21.765	50.494	-3.506	54.000	AVERAGE

**Note:**

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

Site : CB1	Time : 2011/11/08 - 13:59
Limit : FCC_SpartC_15.209_03M_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 : TX-2422MHz,802.11n(40MHz)

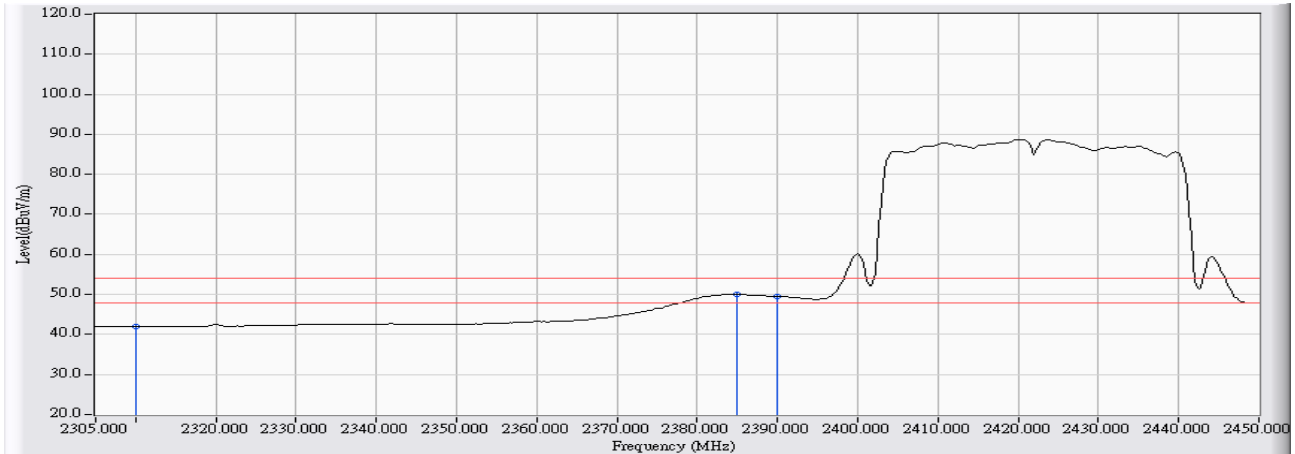


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	29.779	29.759	59.538	-14.462	74.000	PEAK
2	2387.940	30.557	36.351	66.908	-7.092	74.000	PEAK
3	* 2390.000	30.578	36.441	67.019	-6.981	74.000	PEAK

**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.

Site : CB1	Time : 2011/11/08 - 14:00
Limit : FCC_SpartC_15.209_03M_AV	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 : TX-2422MHz,802.11n(40MHz)

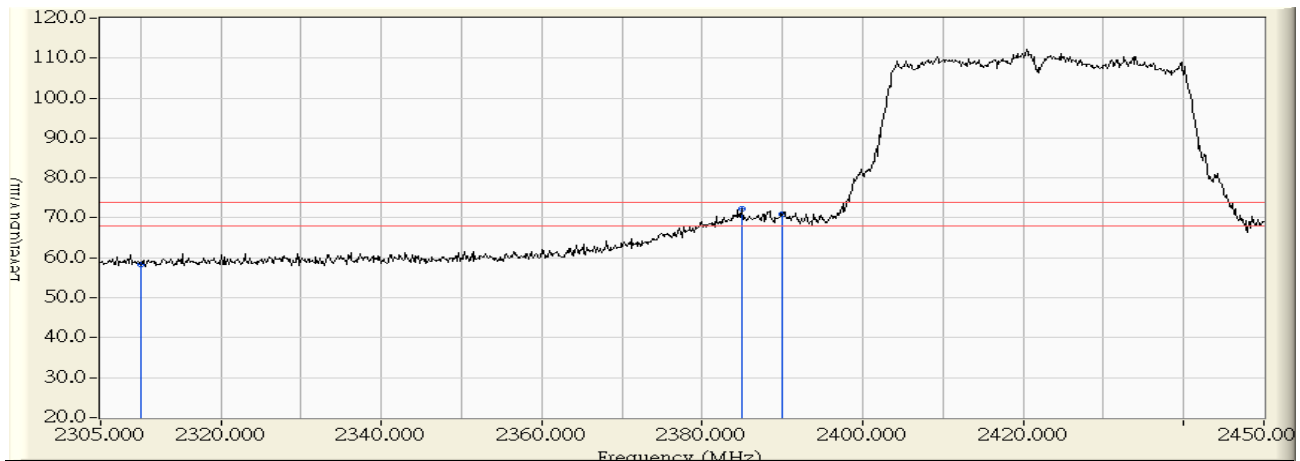


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	28.263	13.687	41.950	-12.050	54.000	AVERAGE
2	* 2384.992	28.556	21.405	49.961	-4.039	54.000	AVERAGE
3	2390.000	28.575	20.955	49.530	-4.470	54.000	AVERAGE

**Note:**

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

Site : CB1	Time : 2011/11/08 - 13:51
Limit : FCC_SpartC_15.209_03M_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 : TX-2422MHz,802.11n(40MHz)

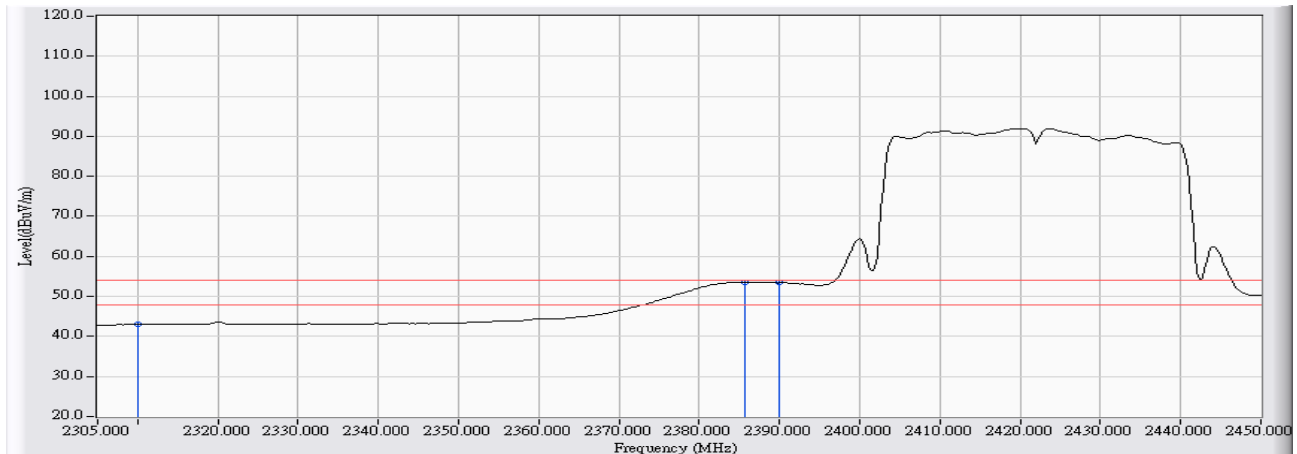


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	29.779	28.440	58.219	-15.781	74.000	PEAK
2	* 2384.895	30.527	41.784	72.311	-1.689	74.000	PEAK
3	2390.000	30.578	40.342	70.920	-3.080	74.000	PEAK

**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.

Site : CB1	Time : 2011/11/08 - 13:51
Limit : FCC_SpartC_15.209_03M_AV	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 : TX-2422MHz,802.11n(40MHz)



	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	28.263	14.700	42.963	-11.037	54.000	AVERAGE
2	* 2385.717	28.558	24.984	53.542	-0.458	54.000	AVERAGE
3	2390.000	28.575	24.829	53.404	-0.596	54.000	AVERAGE

**Note:**

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



Site : CB1	Time : 2011/11/08 - 14:18
Limit : FCC_SpartC_15.209_03M_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 : TX-2452MHz,802.11n(40MHz)

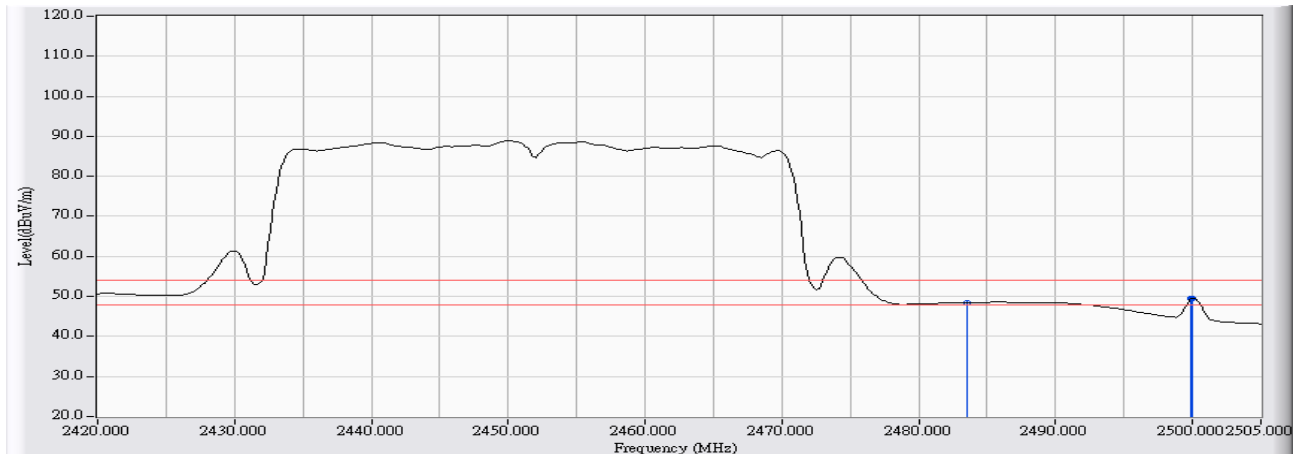


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2483.500	31.512	32.316	63.828	-10.172	74.000	PEAK
2	* 2488.510	31.562	33.457	65.019	-8.981	74.000	PEAK
3	2500.000	31.638	31.271	62.910	-11.090	74.000	PEAK

**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.

Site : CB1	Time : 2011/11/08 - 14:19
Limit : FCC_SpartC_15.209_03M_AV	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 : TX-2452MHz,802.11n(40MHz)



	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2483.500	28.716	19.749	48.465	-5.535	54.000	AVERAGE
2	2499.900	28.729	20.649	49.378	-4.622	54.000	AVERAGE
3	* 2500.000	28.729	20.758	49.487	-4.513	54.000	AVERAGE

**Note:**

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

Site : CB1	Time : 2011/11/08 - 14:03
Limit : FCC_SpartC_15.209_03M_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 : TX-2452MHz,802.11n(40MHz)

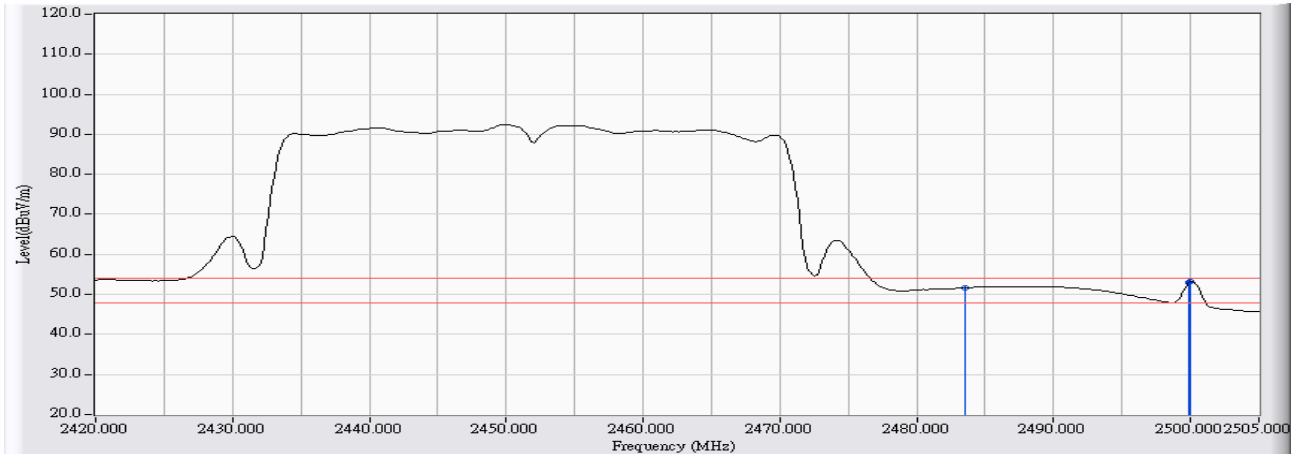


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2483.500	31.512	37.925	69.437	-4.563	74.000	PEAK
2	* 2484.005	31.517	39.194	70.711	-3.289	74.000	PEAK
3	2500.000	31.638	33.010	64.649	-9.351	74.000	PEAK

**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.

Site : CB1	Time : 2011/11/08 - 14:04
Limit : FCC_SpartC_15.209_03M_AV	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 : TX-2452MHz,802.11n(40MHz)



	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2483.500	28.716	22.926	51.642	-2.358	54.000	AVERAGE
2	2499.900	28.729	24.374	53.103	-0.897	54.000	AVERAGE
3	* 2500.000	28.729	24.486	53.215	-0.785	54.000	AVERAGE

**Note:**

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

**7. Occupied Bandwidth**

**7.1. Test Equipment**

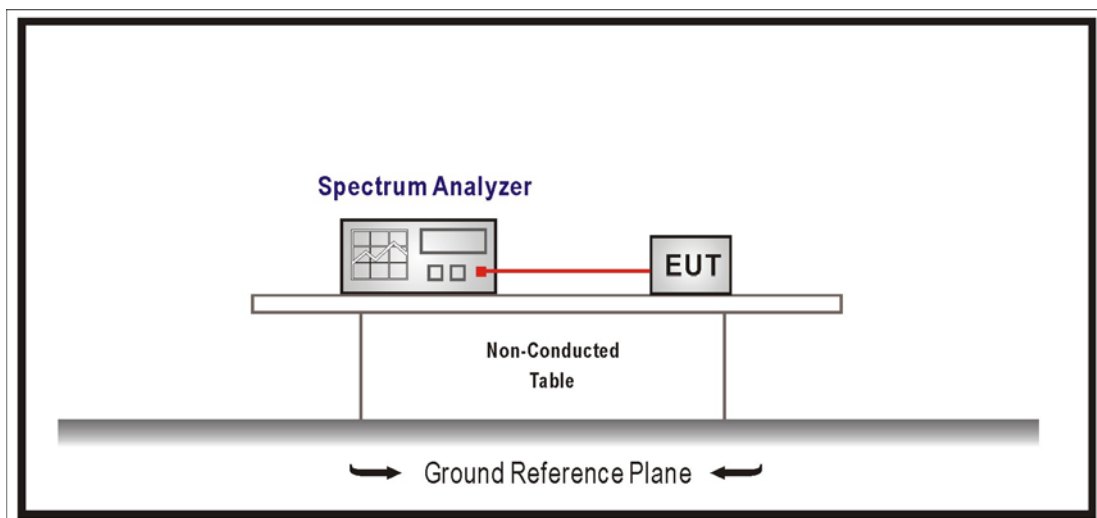
The following test equipments are used during the test:

**Occupied Bandwidth / SR7**

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	R&S	FSP	100561	2012/01/16

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

**7.2. Test Setup**



**7.3. Test Procedures**

The EUT was setup according to ANSI C63.4: 2009; tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements. Set RBW = 100 kHz, Span greater than RBW.

**7.4. Limits**

The 6 dB bandwidth must be greater than 500 kHz.

**7.5. Test Specification**

According to FCC Part 15 Subpart C Paragraph 15.207: 2010

**7.6. Uncertainty**

The measurement uncertainty is defined as  $\pm 150\text{Hz}$

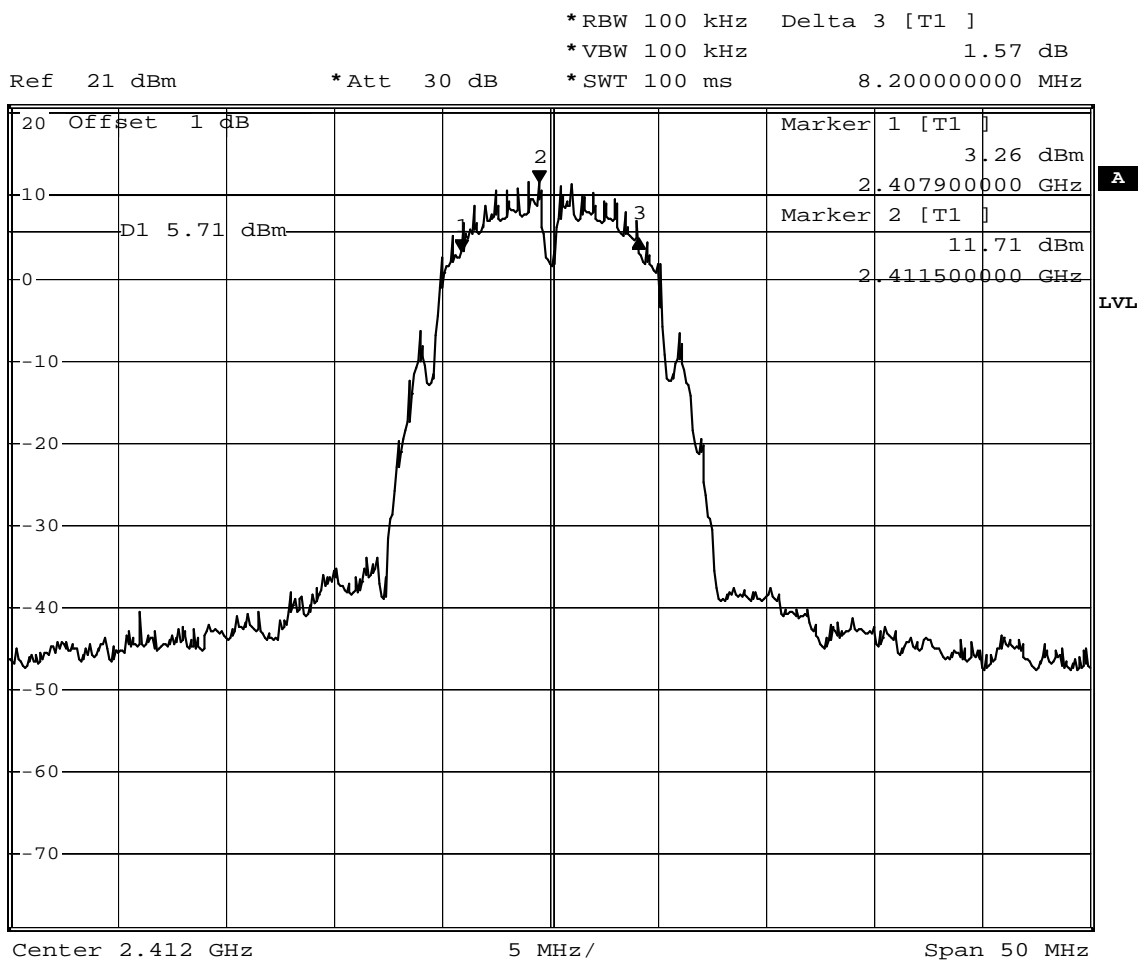
## 7.7. Test Result

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/11	Test Site	SR7

Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
1	2412.00	8.2	$\geq 0.5$	Pass
6	2437.00	8.2	$\geq 0.5$	Pass
11	2462.00	8.3	$\geq 0.5$	Pass



### Channel 1



Date: 11.NOV.2011 16:23:28

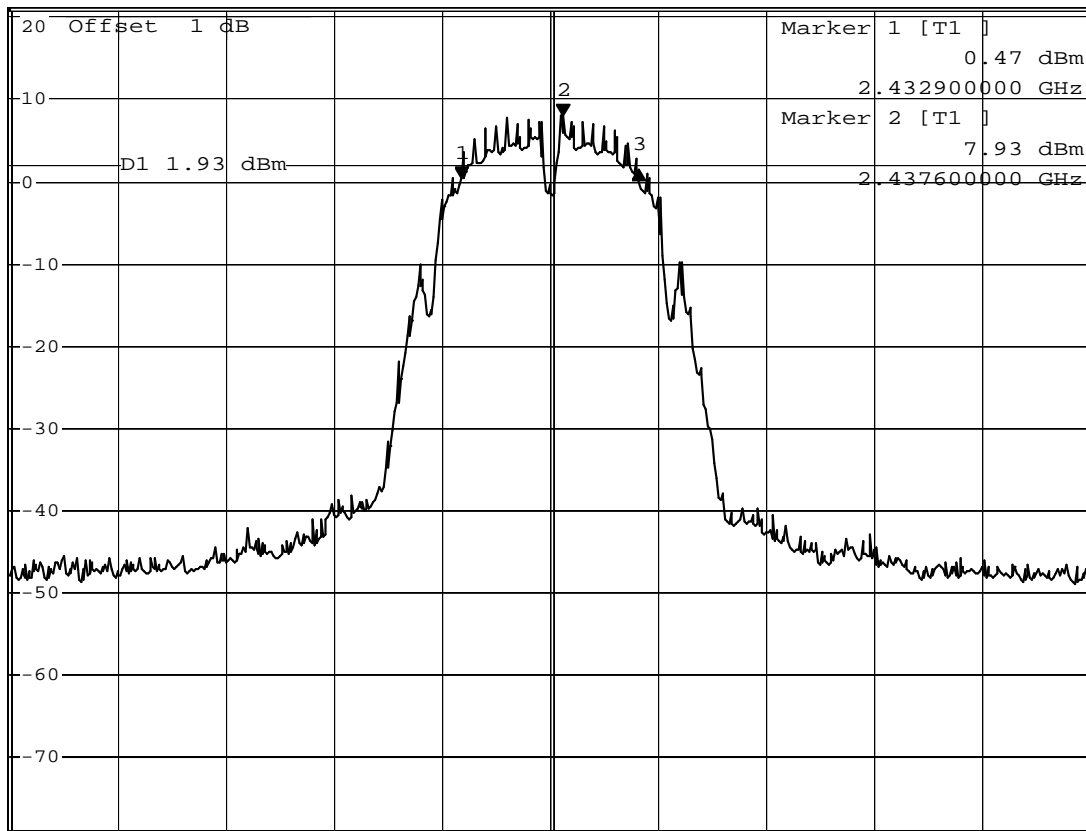
## Channel 6



\*RBW 100 kHz Delta 3 [T1 ]  
 \*VBW 100 kHz 1.09 dB  
 \*SWT 100 ms 8.20000000 MHz

Ref 21 dBm \*Att 30 dB

1 PK  
VIEW



Center 2.437 GHz 5 MHz/ Span 50 MHz

Date: 17.NOV.2011 20:03:28

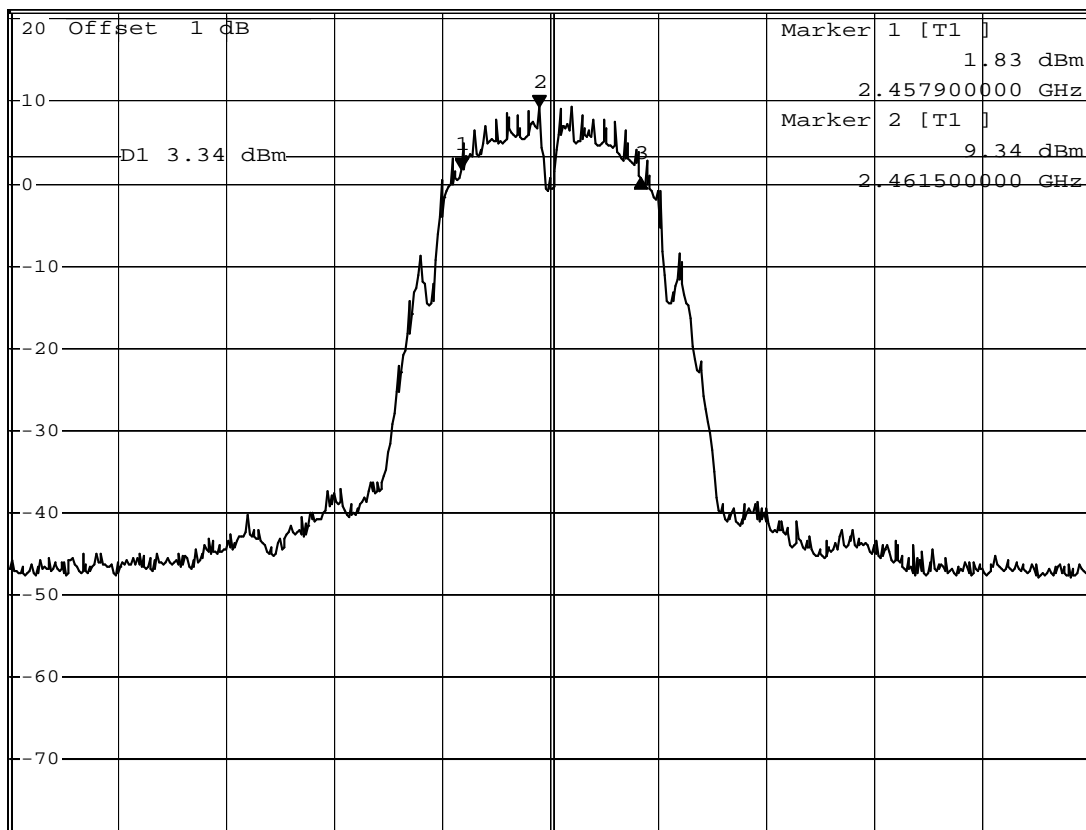
## Channel 11



\*RBW 100 kHz Delta 3 [T1 ]  
 \*VBW 100 kHz -1.30 dB  
 \*SWT 100 ms 8.30000000 MHz

Ref 21 dBm \*Att 30 dB

1 PK  
VIEW



Center 2.462 GHz 5 MHz/ Span 50 MHz

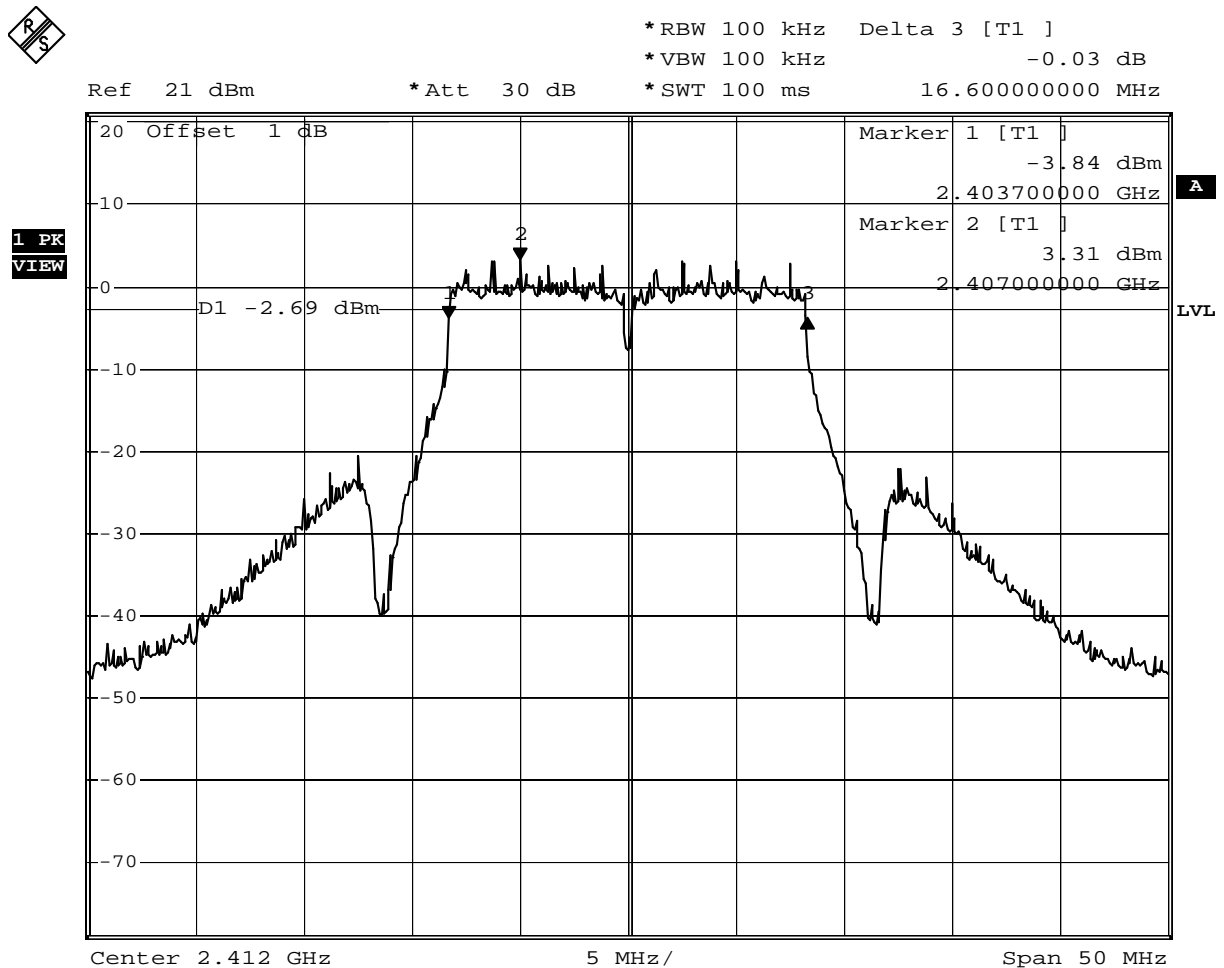
Date: 11.NOV.2011 16:28:01



Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/11	Test Site	SR7

IEEE 802.11g				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
1	2412.00	16.6	$\geq 0.5$	Pass
6	2437.00	16.6	$\geq 0.5$	Pass
11	2462.00	16.6	$\geq 0.5$	Pass

### Channel 1



Date: 11.NOV.2011 16:32:59

**Channel 6**

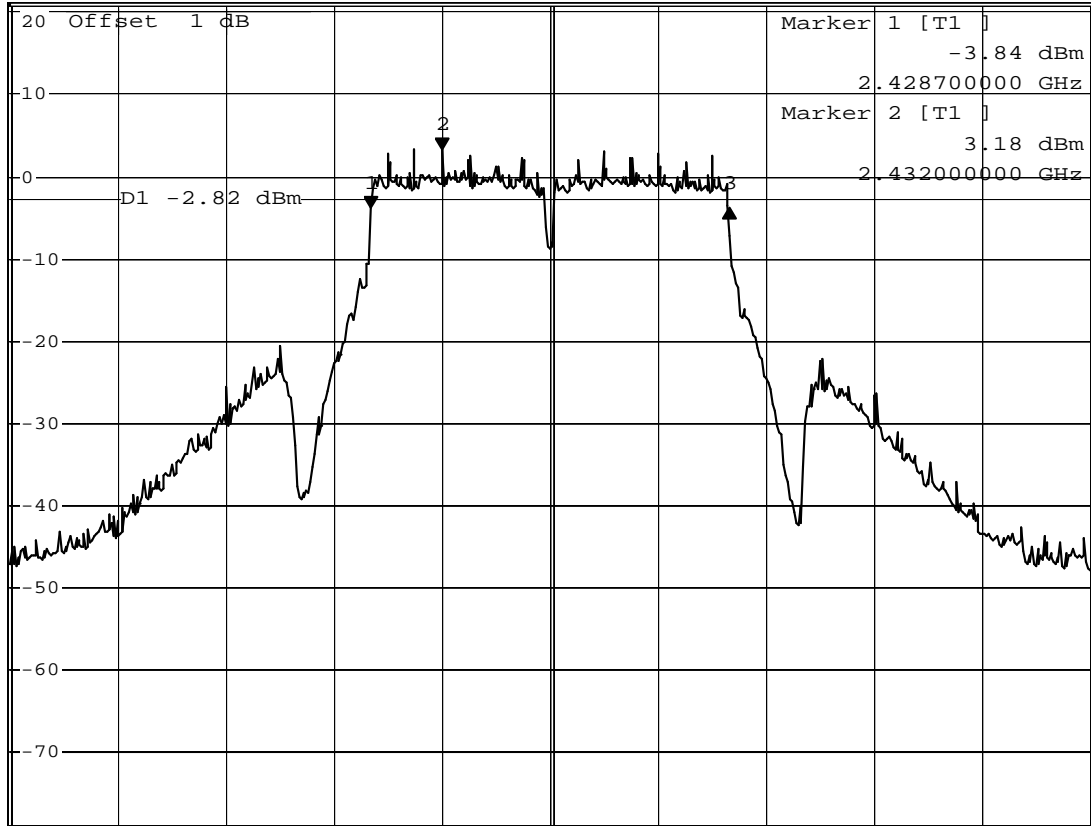


\*RBW 100 kHz Delta 3 [T1 ]  
 \*VBW 100 kHz -0.04 dB  
 \*SWT 100 ms 16.60000000 MHz

Ref 21 dBm

\*Att 30 dB

1 PK  
VIEW



Center 2.437 GHz 5 MHz/ Span 50 MHz

Date: 11.NOV.2011 16:31:17

## Channel 11

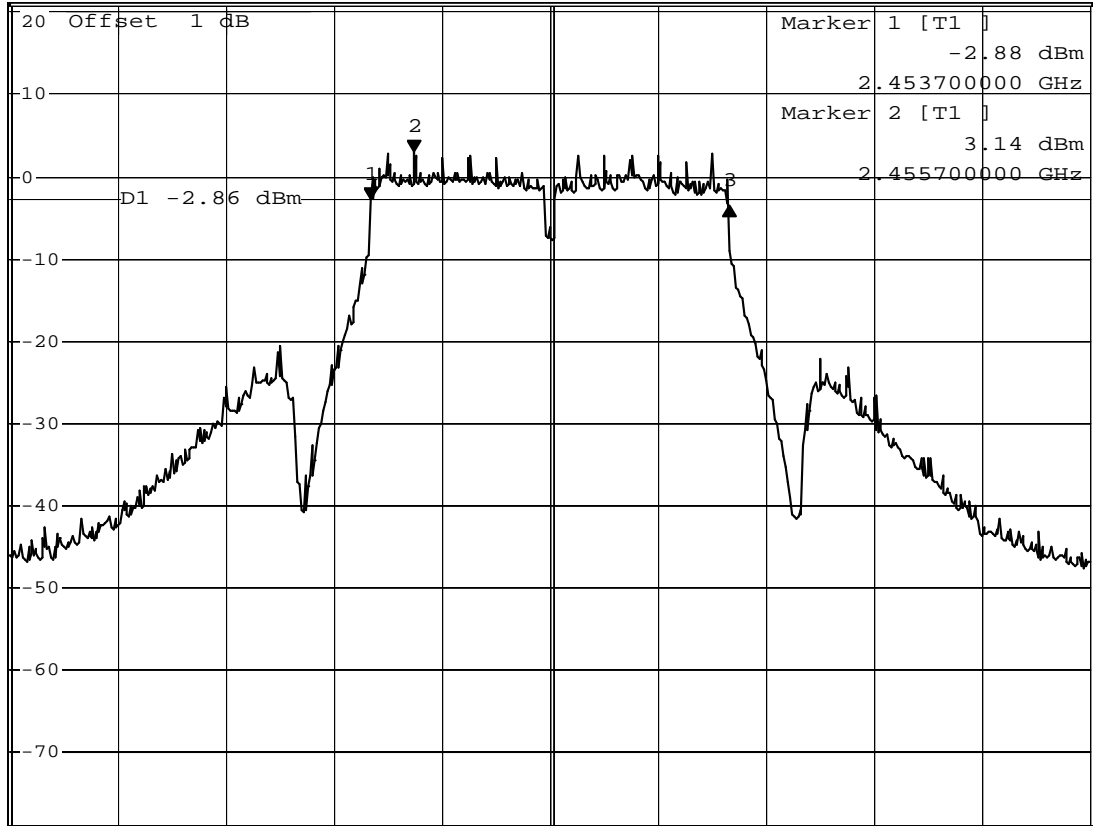


\*RBW 100 kHz Delta 3 [T1 ]  
 \*VBW 100 kHz -0.55 dB  
 \*SWT 100 ms 16.60000000 MHz

Ref 21 dBm

\*Att 30 dB

1 PK  
VIEW



Center 2.462 GHz 5 MHz/ Span 50 MHz

Date: 11.NOV.2011 16:29:54

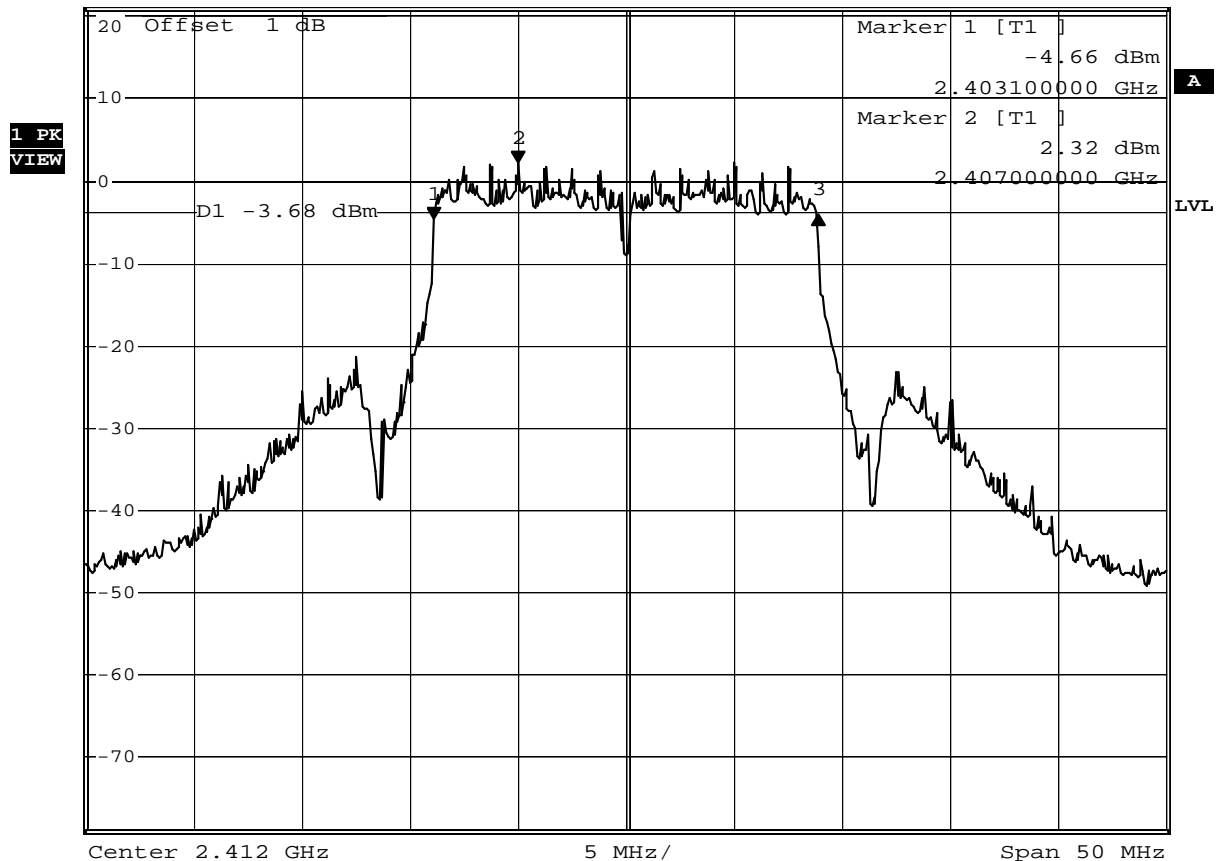
Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/11	Test Site	SR7

IEEE 802.11n (20MHz)(ANT 0)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
1	2412.00	17.8	$\geq 0.5$	Pass
6	2437.00	17.1	$\geq 0.5$	Pass
11	2462.00	16.9	$\geq 0.5$	Pass

### Channel 1



\*RBW 100 kHz Delta 3 [T1 ]  
 \*VBW 100 kHz 0.48 dB  
 \*SWT 100 ms 17.80000000 MHz  
 Ref 21 dBm \*Att 30 dB



Date: 11.NOV.2011 16:37:02

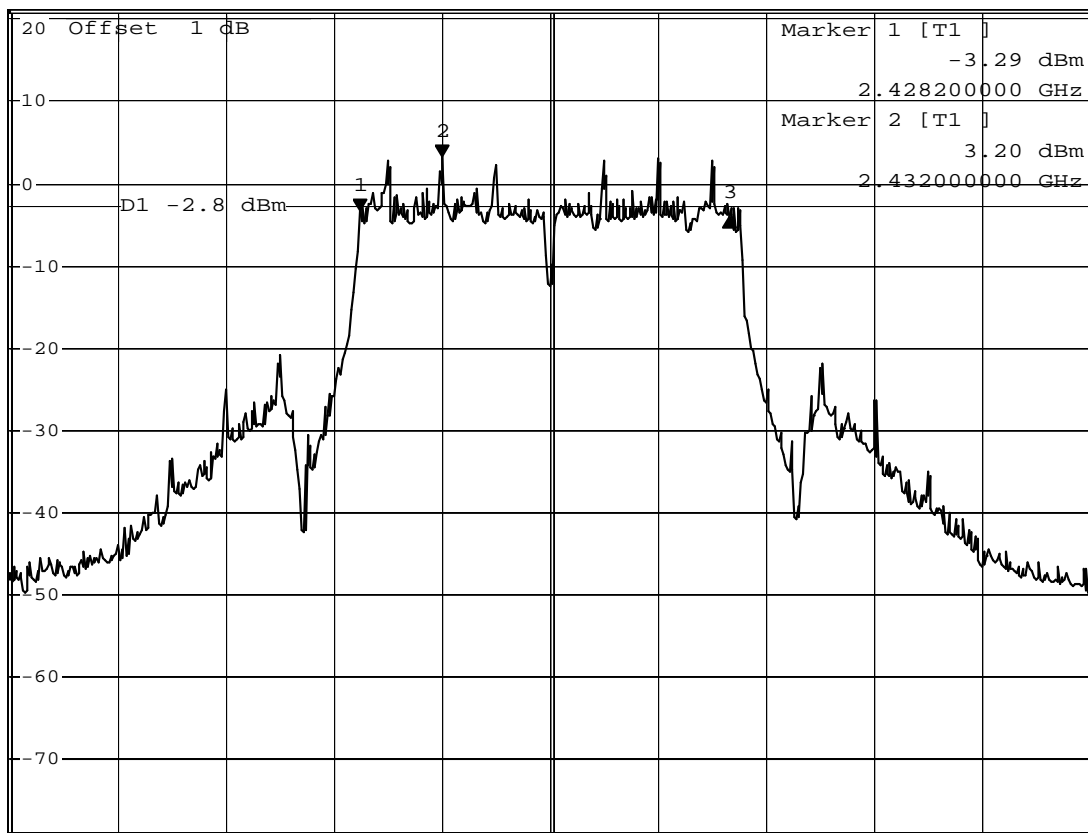
## Channel 6



\*RBW 100 kHz Delta 3 [T1 ]  
 \*VBW 100 kHz -0.75 dB  
 \*SWT 100 ms 17.10000000 MHz

Ref 21 dBm \*Att 30 dB

1 PK  
VIEW



Center 2.437 GHz 5 MHz/ Span 50 MHz

Date: 11.NOV.2011 16:45:03

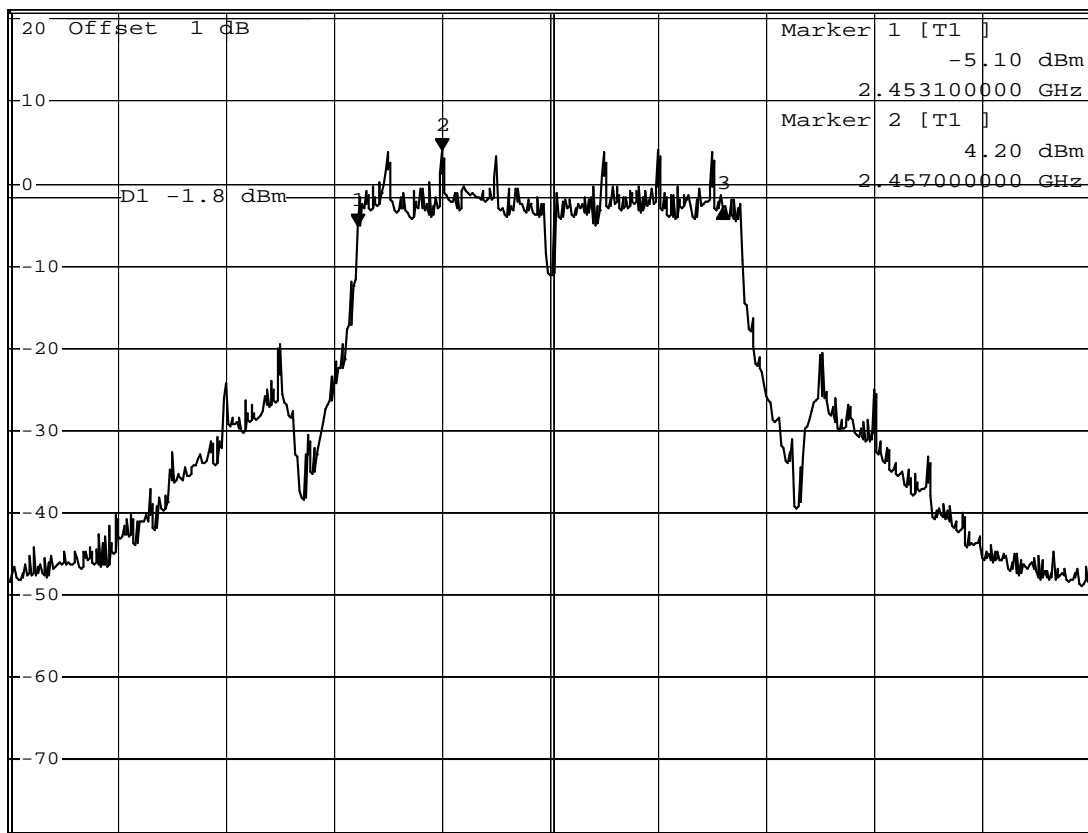
## Channel 11



\*RBW 100 kHz Delta 3 [T1 ]  
 \*VBW 100 kHz 2.03 dB  
 \*SWT 100 ms 16.90000000 MHz

Ref 21 dBm \*Att 30 dB

1 PK  
VIEW



Center 2.462 GHz 5 MHz/ Span 50 MHz

Date: 11.NOV.2011 16:46:44

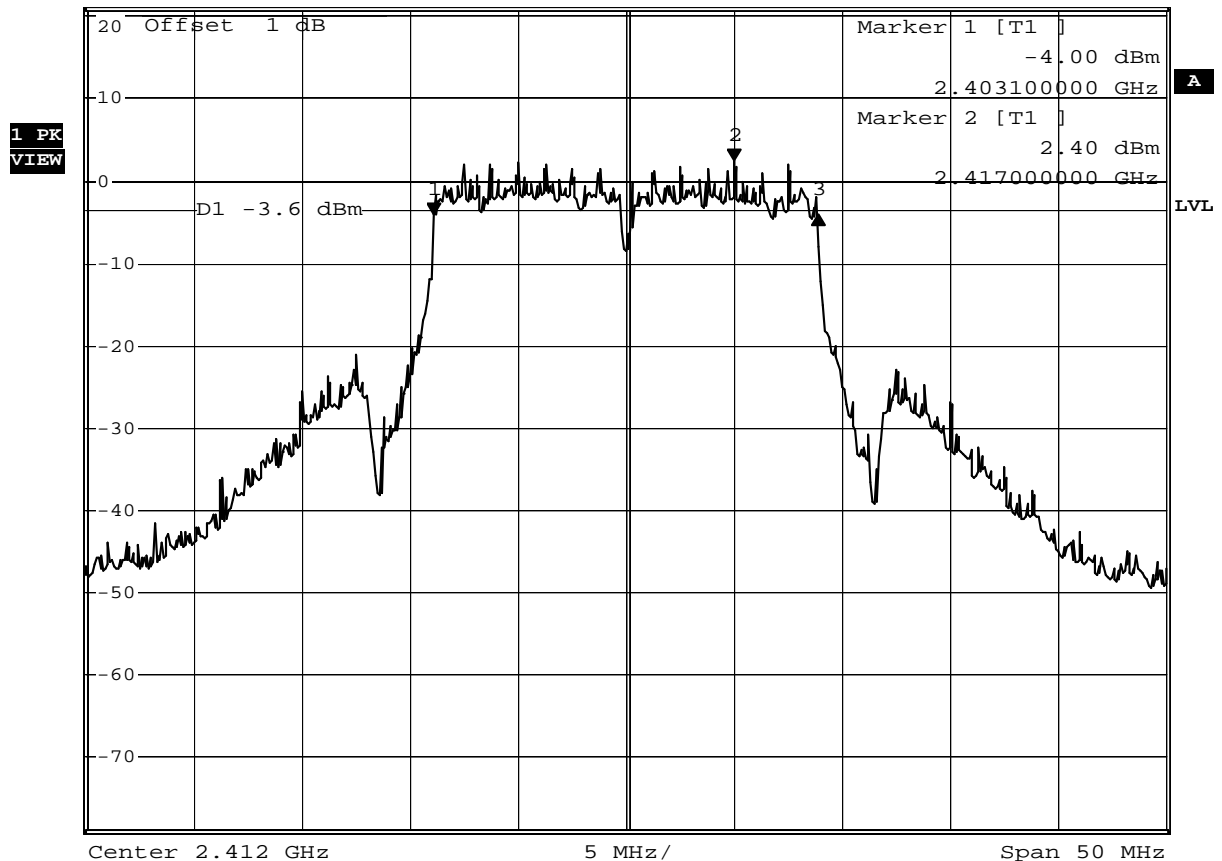
Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/11	Test Site	SR7

IEEE 802.11n (20MHz)(ANT 1)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
1	2412.00	17.8	$\geq 0.5$	Pass
6	2437.00	17.8	$\geq 0.5$	Pass
11	2462.00	17.8	$\geq 0.5$	Pass

### Channel 1



\*RBW 100 kHz Delta 3 [T1 ]  
 \*VBW 100 kHz -0.20 dB  
 \*SWT 100 ms 17.80000000 MHz  
 Ref 21 dBm \*Att 30 dB



Date: 11.NOV.2011 16:39:36

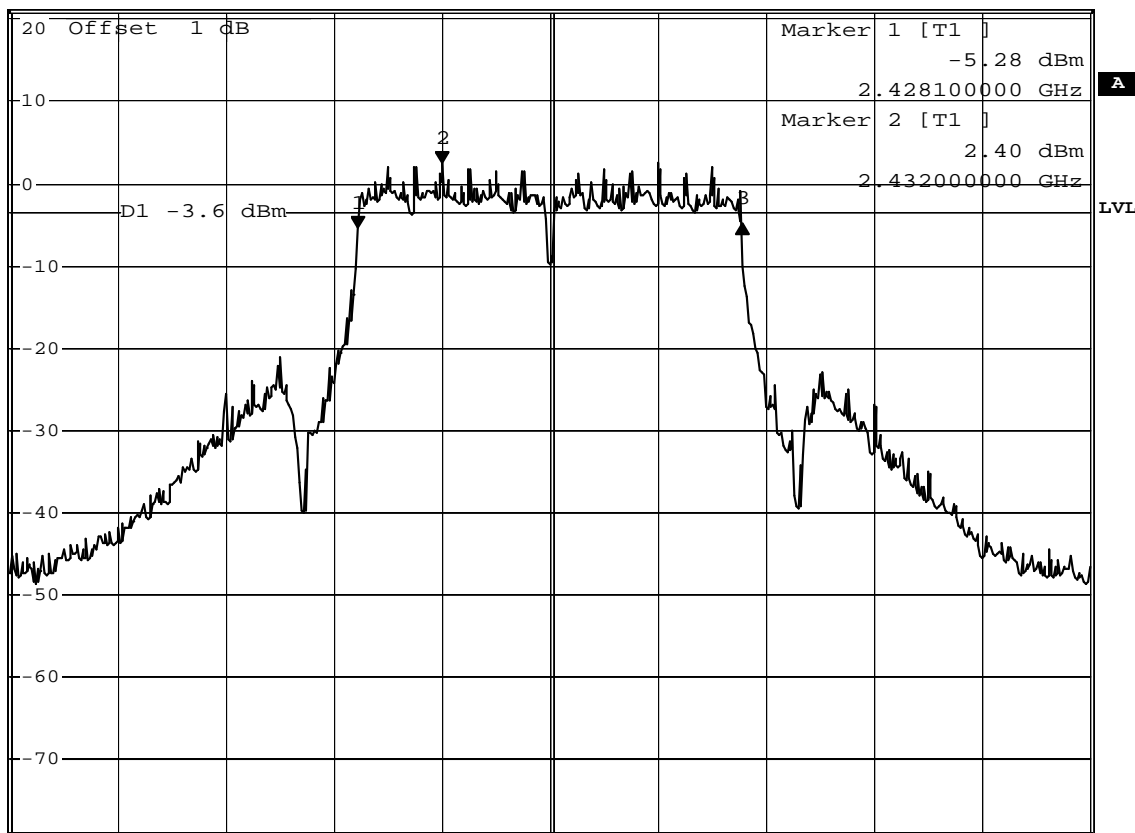
## Channel 6



\*RBW 100 kHz Delta 3 [T1 ]  
 \*VBW 100 kHz 0.34 dB  
 \*SWT 100 ms 17.80000000 MHz

Ref 21 dBm \*Att 30 dB

1 PK  
VIEW



Center 2.437 GHz 5 MHz/ Span 50 MHz

Date: 11.NOV.2011 16:41:33



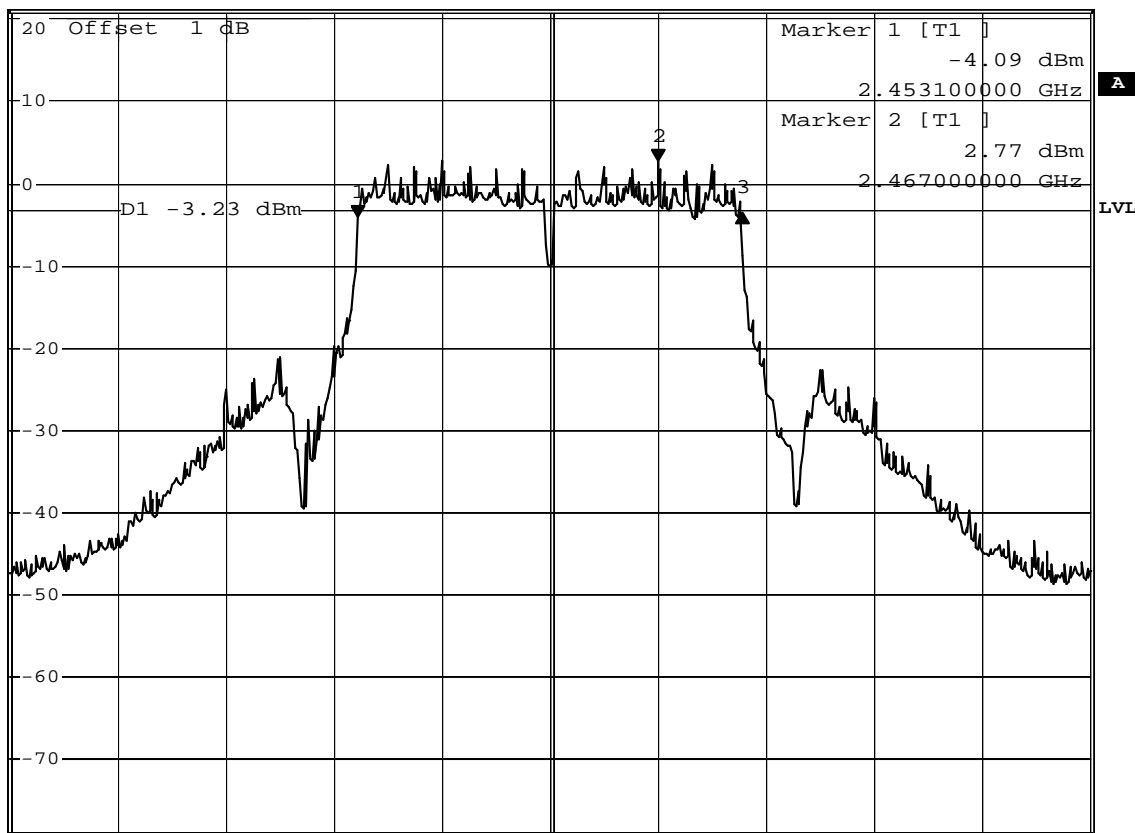
## Channel 11



\*RBW 100 kHz Delta 3 [T1 ]  
 \*VBW 100 kHz 0.68 dB  
 \*SWT 100 ms 17.80000000 MHz

Ref 21 dBm \*Att 30 dB

1 PK  
VIEW



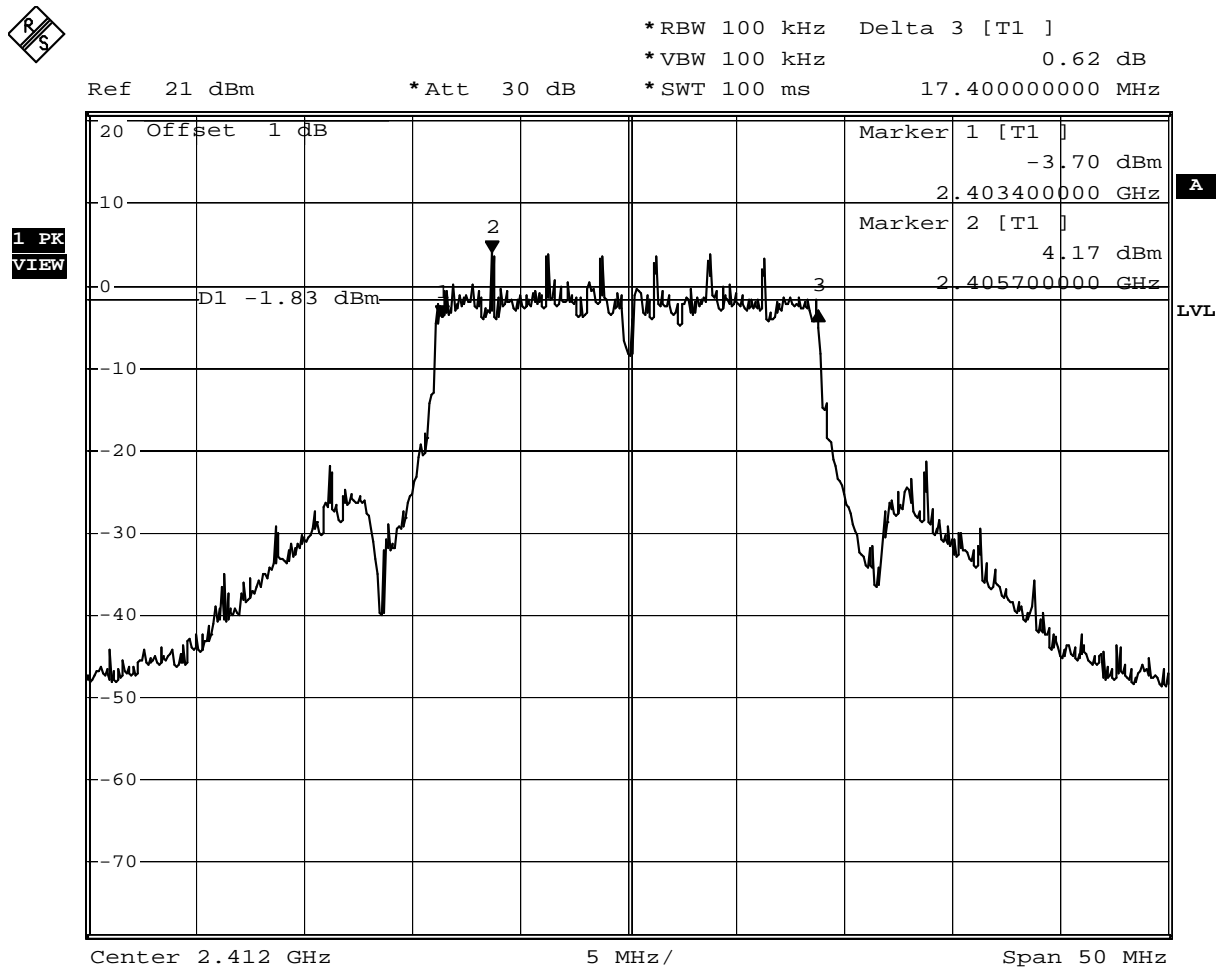
Center 2.462 GHz 5 MHz/ Span 50 MHz

Date: 11.NOV.2011 16:47:59

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/11	Test Site	SR7

IEEE 802.11n (20MHz)(ANT 2)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
1	2412.00	17.4	$\geq 0.5$	Pass
6	2437.00	17.6	$\geq 0.5$	Pass
11	2462.00	17.2	$\geq 0.5$	Pass

### Channel 1



Date: 11.NOV.2011 16:38:30

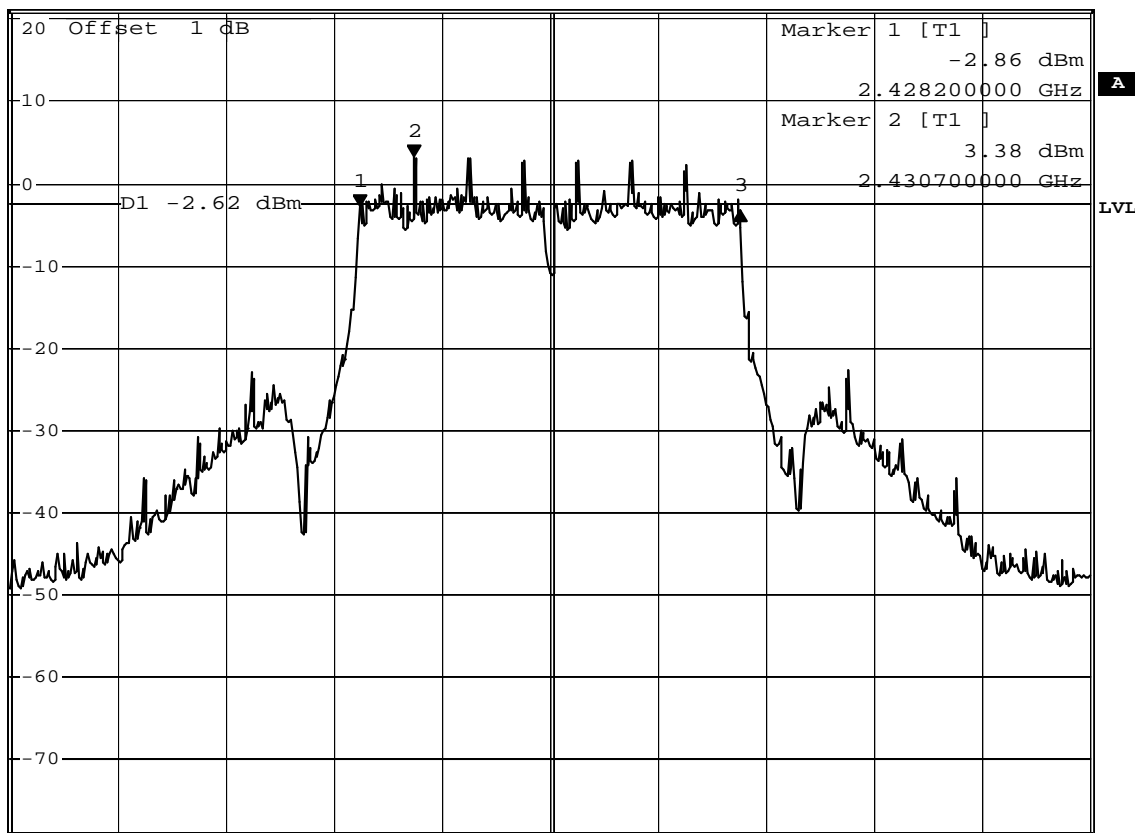
## Channel 6



\*RBW 100 kHz Delta 3 [T1 ]  
 \*VBW 100 kHz -0.35 dB  
 \*SWT 100 ms 17.60000000 MHz

Ref 21 dBm \*Att 30 dB

1 PK  
VIEW



Center 2.437 GHz 5 MHz/ Span 50 MHz

Date: 11.NOV.2011 16:42:39

## Channel 11

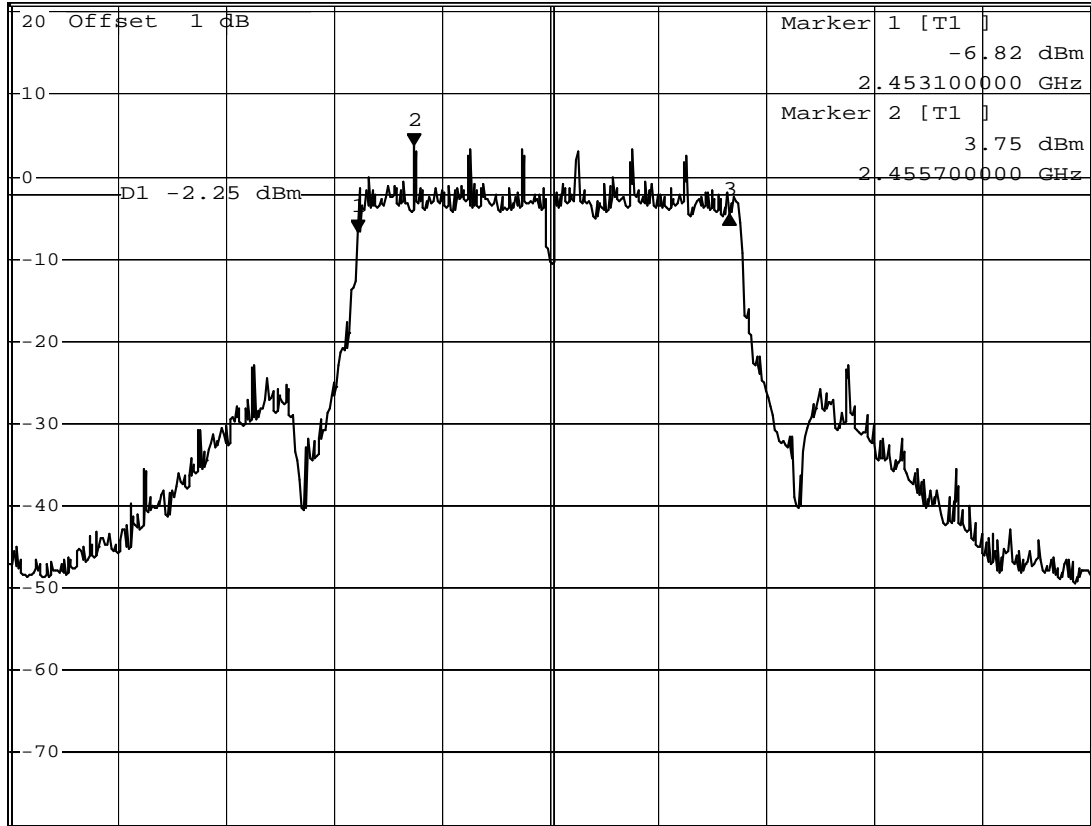


\*RBW 100 kHz Delta 3 [T1 ]  
 \*VBW 100 kHz 2.23 dB  
 \*SWT 100 ms 17.20000000 MHz

Ref 21 dBm

\*Att 30 dB

1 PK  
VIEW



Center 2.462 GHz 5 MHz/ Span 50 MHz

Date: 11.NOV.2011 16:48:50

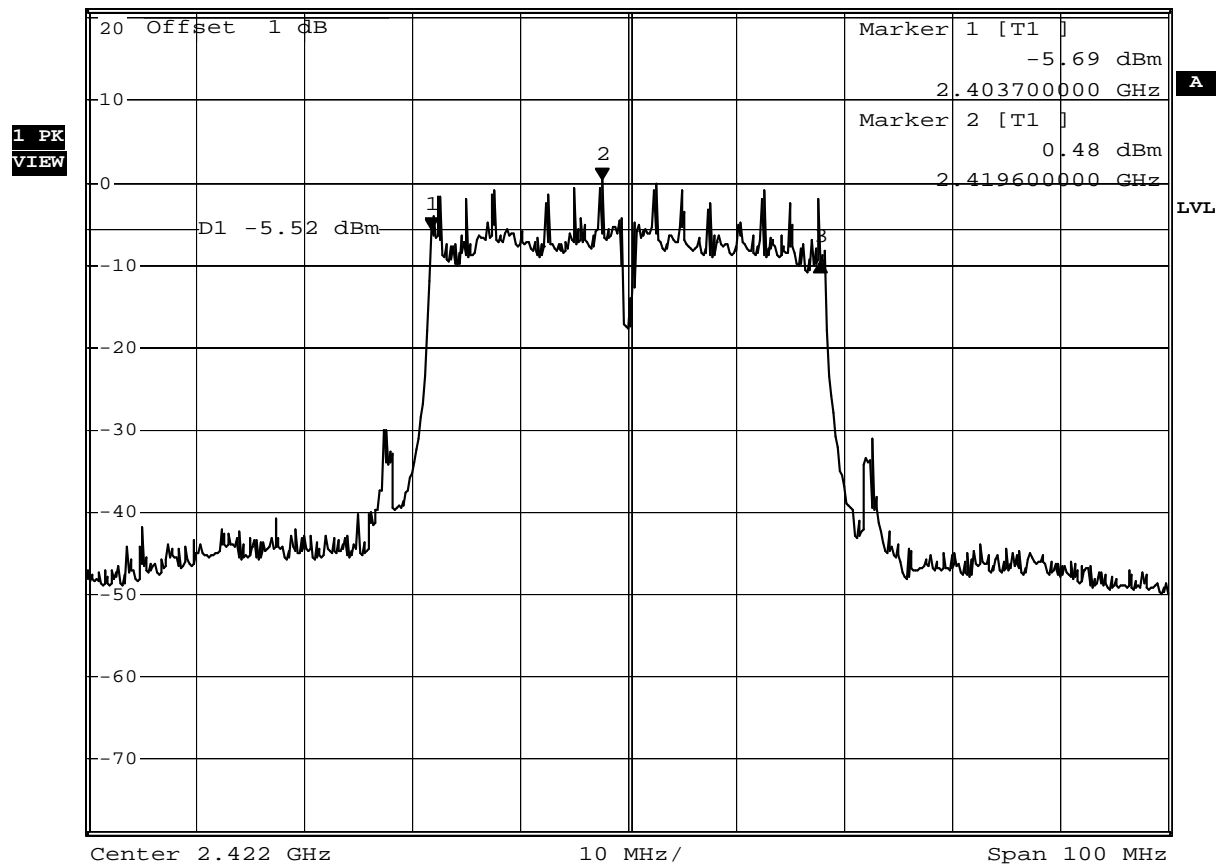
Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/11	Test Site	SR7

IEEE 802.11n (40MHz)(ANT 0)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
3	2422	36.0	$\geq 0.5$	Pass
6	2437	35.6	$\geq 0.5$	Pass
9	2452	35.8	$\geq 0.5$	Pass

### Channel 3



\*RBW 100 kHz Delta 3 [T1 ]  
 \*VBW 100 kHz -3.95 dB  
 Ref 21 dBm \*Att 30 dB \*SWT 100 ms 36.00000000 MHz



Date: 11.NOV.2011 17:01:33

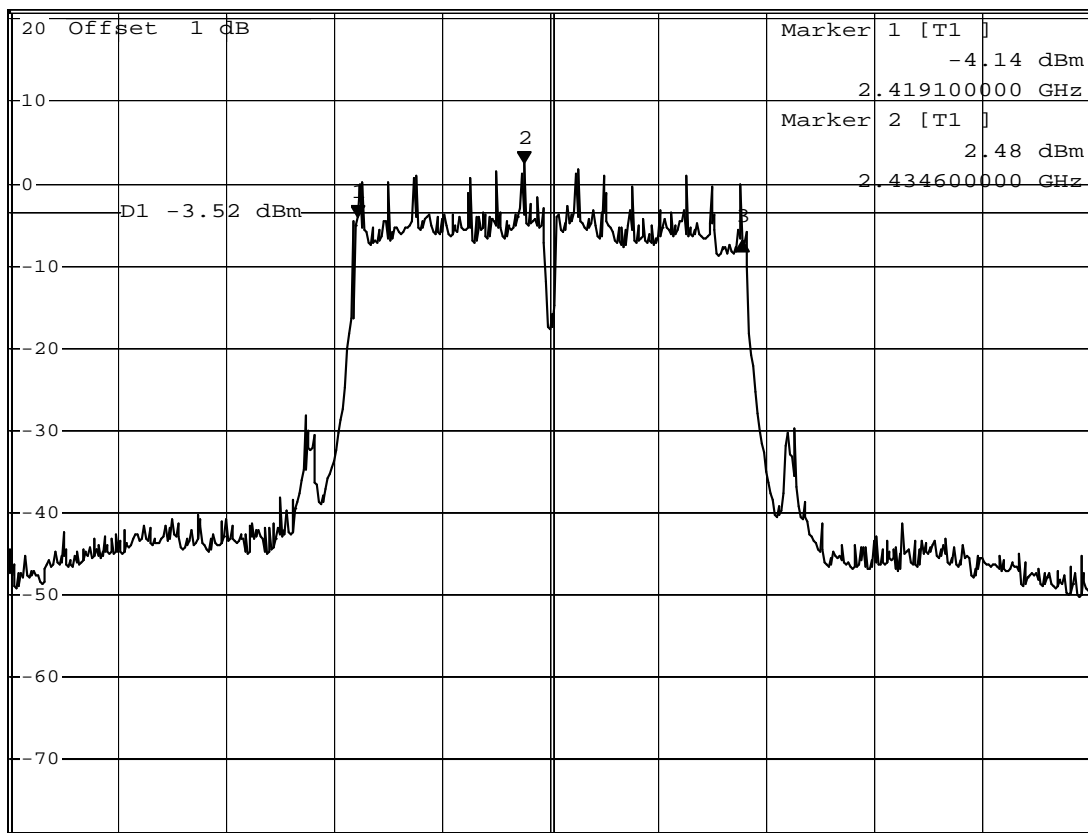
## Channel 6



\*RBW 100 kHz Delta 3 [T1 ]  
 \*VBW 100 kHz -2.83 dB  
 \*SWT 100 ms 35.60000000 MHz

Ref 21 dBm \*Att 30 dB

1 PK  
VIEW



Center 2.437 GHz 10 MHz/ Span 100 MHz

Date: 11.NOV.2011 16:55:32

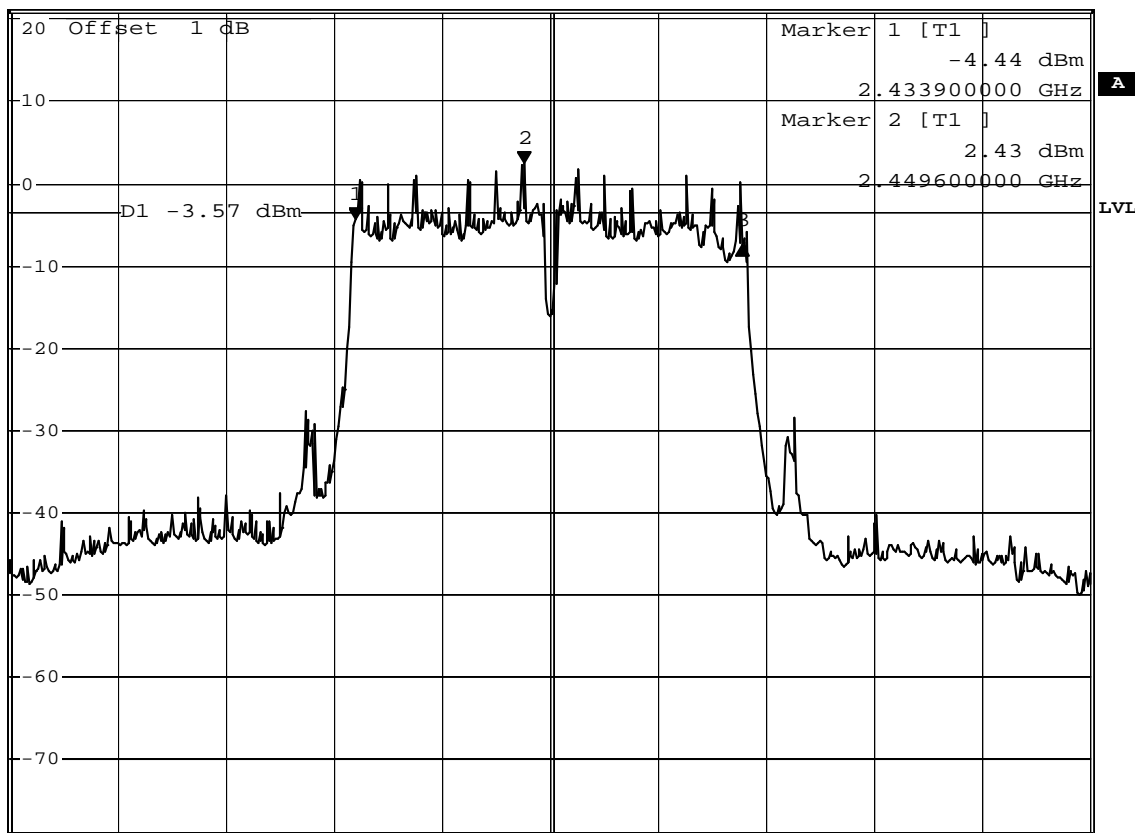
## Channel 9



\*RBW 100 kHz Delta 3 [T1 ]  
 \*VBW 100 kHz -2.95 dB  
 \*SWT 100 ms 35.80000000 MHz

Ref 21 dBm \*Att 30 dB

1 PK  
VIEW



Center 2.452 GHz 10 MHz/ Span 100 MHz

Date: 11.NOV.2011 16:53:43





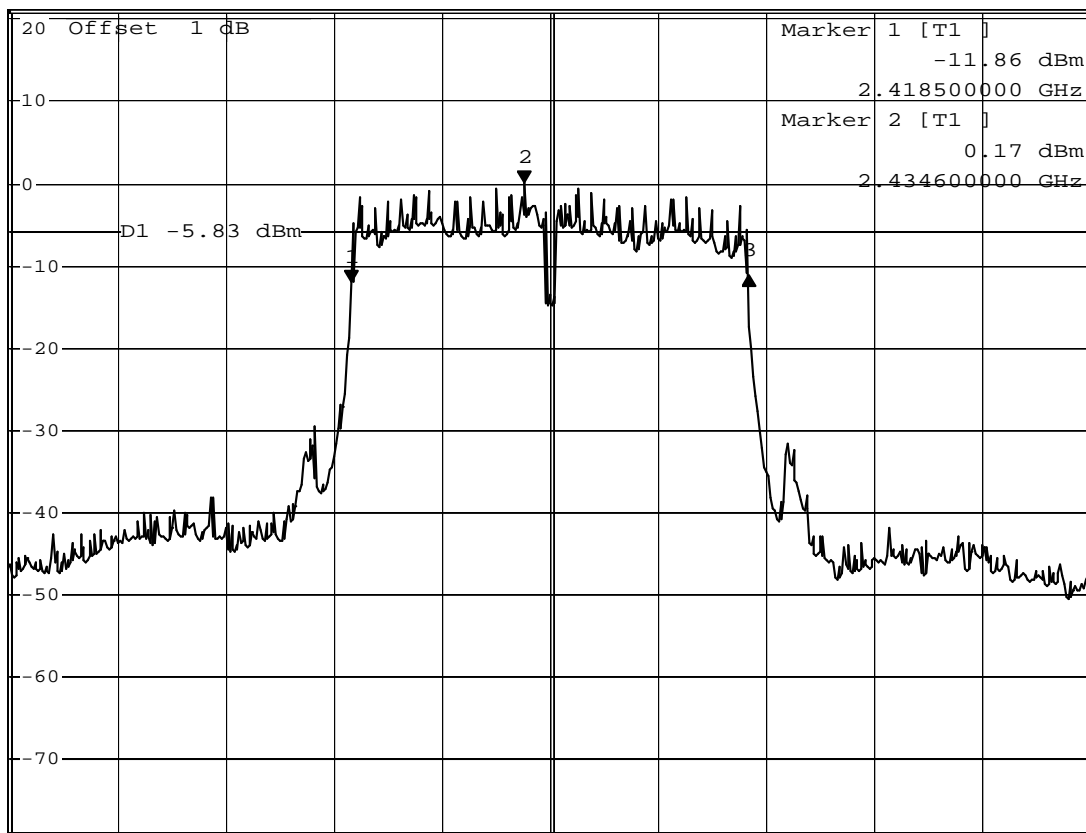
## Channel 6



\*RBW 100 kHz Delta 3 [T1 ]  
 \*VBW 100 kHz 0.79 dB  
 \*SWT 100 ms 36.80000000 MHz

Ref 21 dBm \*Att 30 dB

1 PK  
VIEW



Center 2.437 GHz 10 MHz/ Span 100 MHz

Date: 11.NOV.2011 16:57:16

**Channel 9**

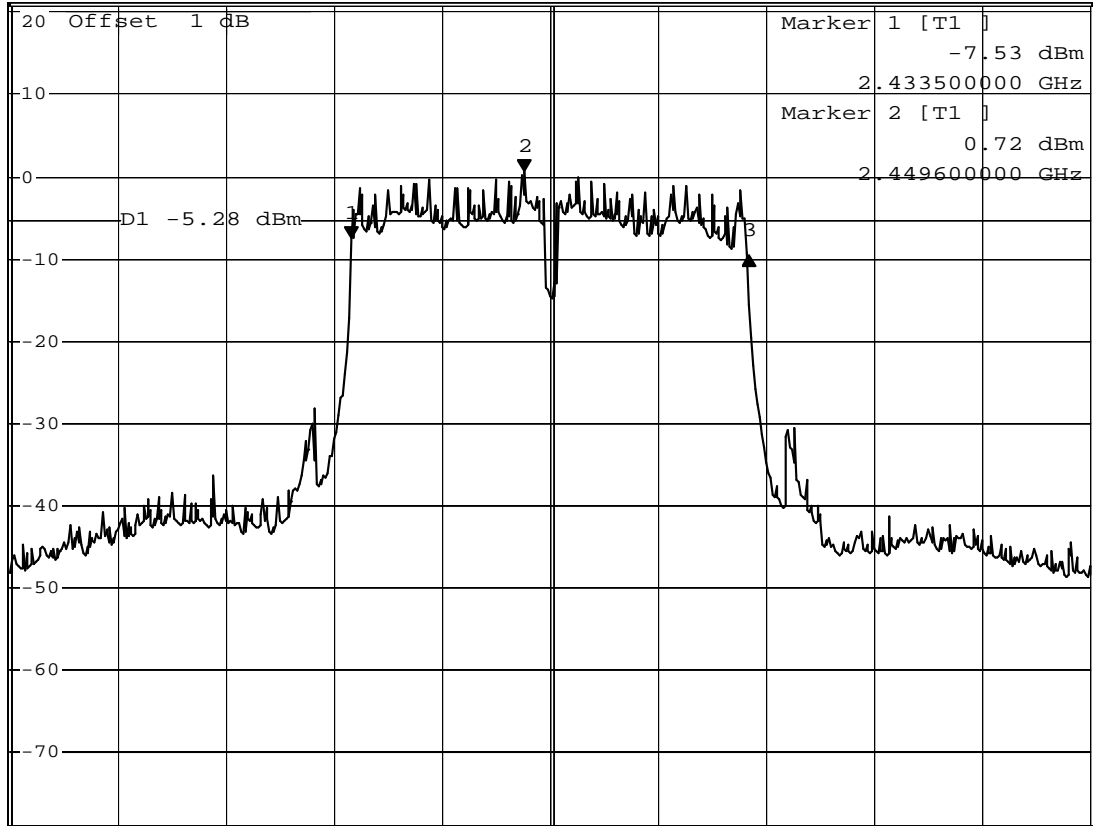


\*RBW 100 kHz Delta 3 [T1 ]  
 \*VBW 100 kHz -2.07 dB  
 \*SWT 100 ms 36.80000000 MHz

Ref 21 dBm

\*Att 30 dB

1 PK  
VIEW



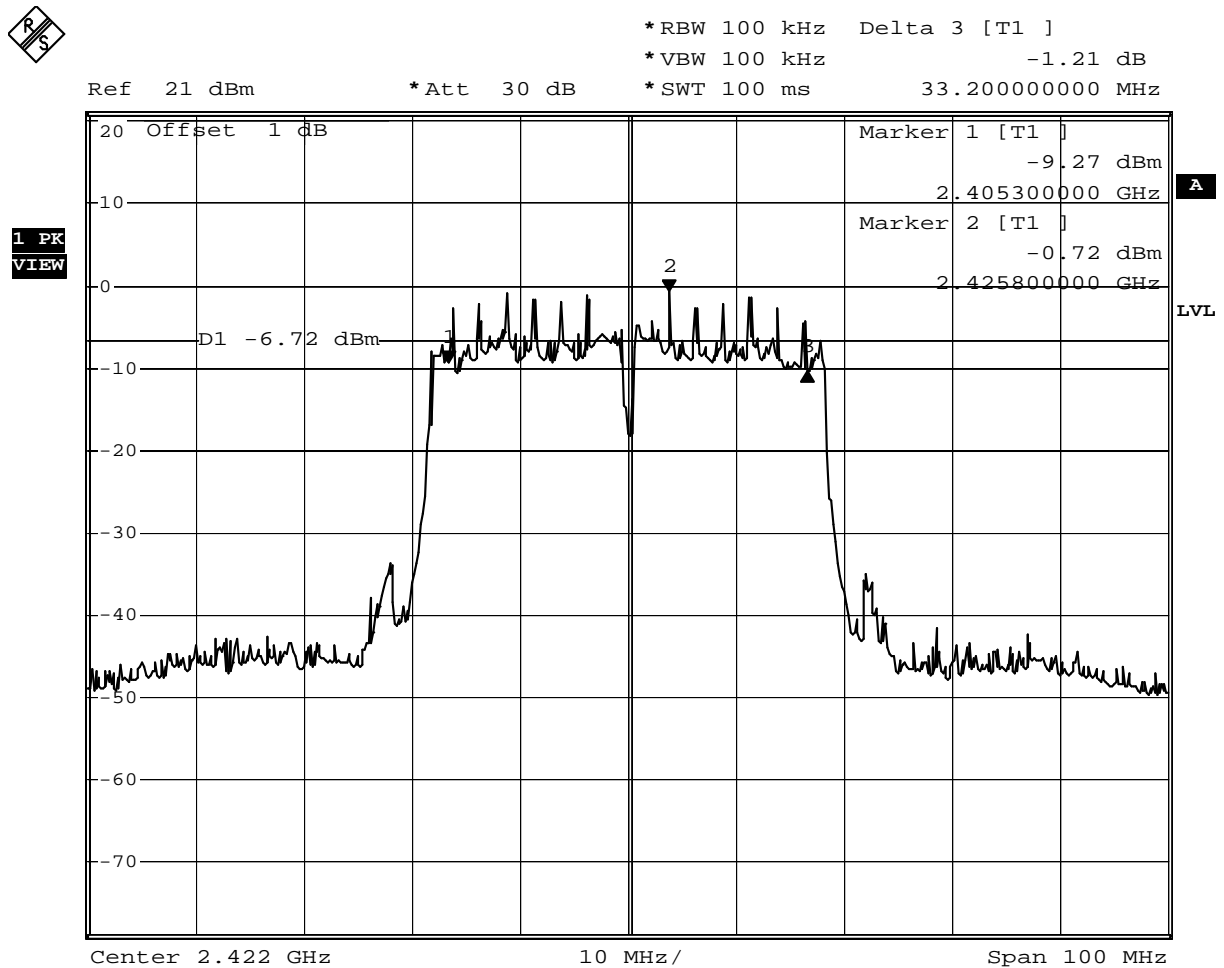
Center 2.452 GHz 10 MHz/ Span 100 MHz

Date: 11.NOV.2011 16:51:42

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/11	Test Site	SR7

IEEE 802.11n (40MHz)(ANT 2)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
3	2422	33.2	$\geq 0.5$	Pass
6	2437	33.2	$\geq 0.5$	Pass
9	2452	34.6	$\geq 0.5$	Pass

### Channel 3



Date: 11.NOV.2011 17:00:50

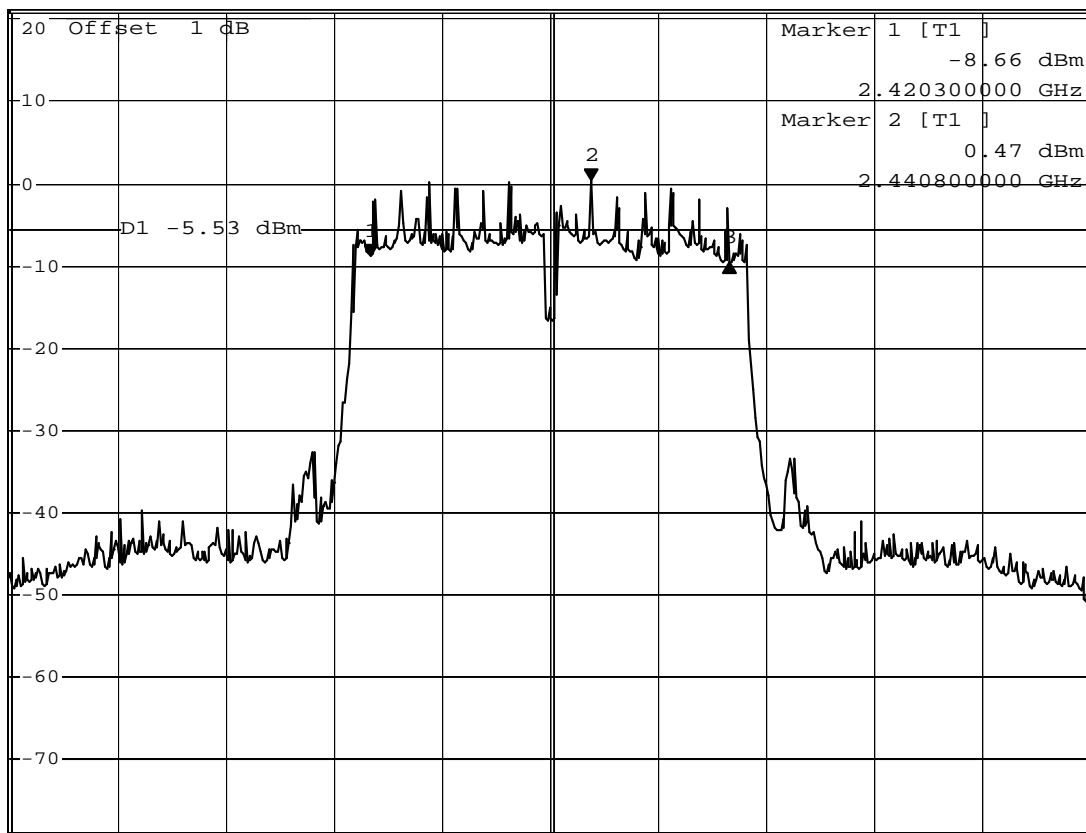
## Channel 6



\*RBW 100 kHz Delta 3 [T1 ]  
 \*VBW 100 kHz -0.79 dB  
 \*SWT 100 ms 33.20000000 MHz

Ref 21 dBm \*Att 30 dB

1 PK  
VIEW



Center 2.437 GHz 10 MHz/ Span 100 MHz

Date: 11.NOV.2011 16:56:24



Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/12	Test Site	SR7

802.11 a				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
149	5745	16.6	$\geq 0.5$	Pass
157	5785	16.6	$\geq 0.5$	Pass
165	5825	16.6	$\geq 0.5$	Pass

### Channel 149

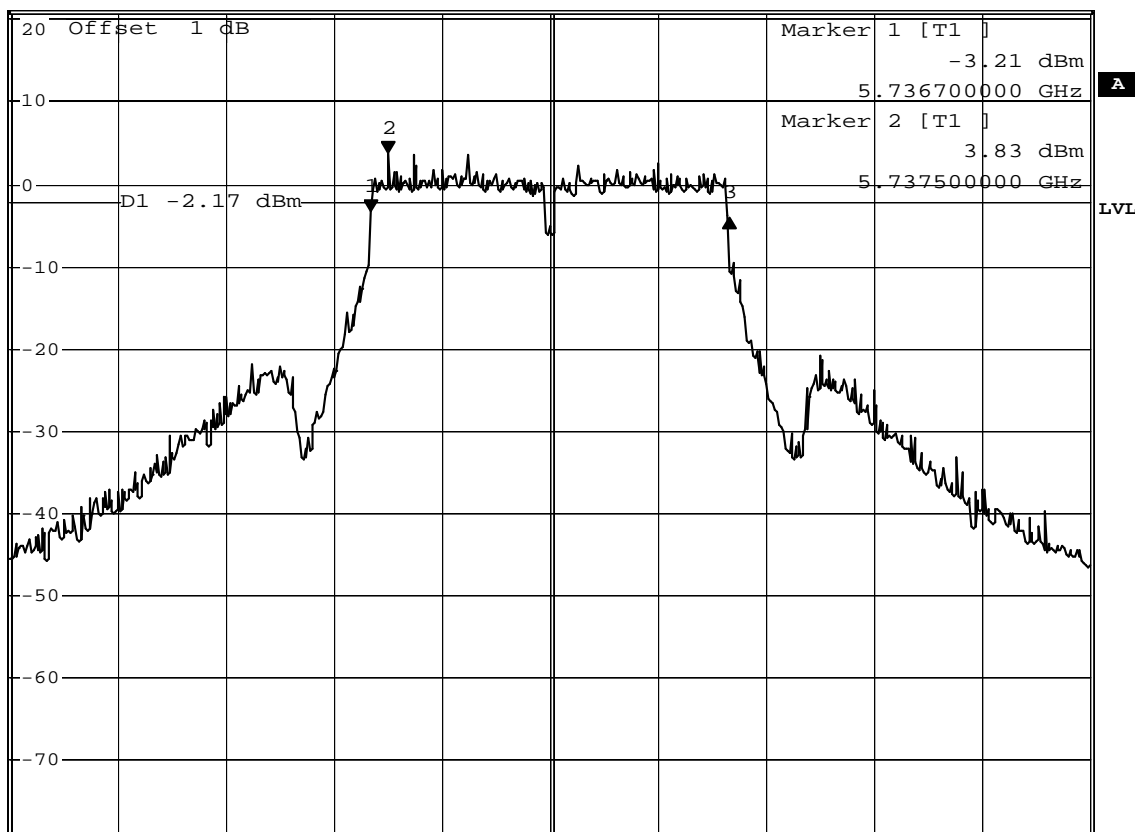


\*RBW 100 kHz Delta 3 [T1 ]  
 \*VBW 100 kHz -0.77 dB  
 \*SWT 100 ms 16.60000000 MHz

Ref 21 dBm

\*Att 30 dB

1 PK  
VIEW



Center 5.745 GHz

5 MHz/

Span 50 MHz

Date: 12.NOV.2011 11:04:22

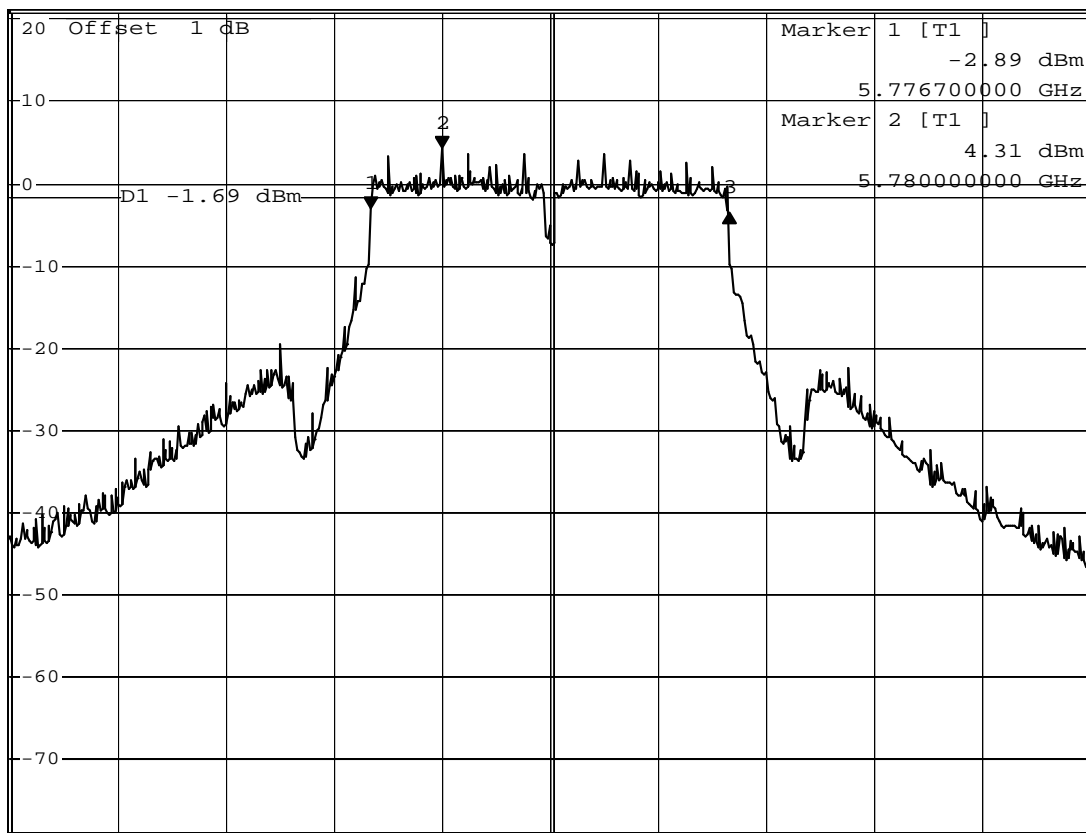
**Channel 157**



\*RBW 100 kHz Delta 3 [T1 ]  
 \*VBW 100 kHz -0.66 dB  
 \*SWT 100 ms 16.60000000 MHz

Ref 21 dBm \*Att 30 dB

1 PK  
VIEW



Center 5.785 GHz 5 MHz/ Span 50 MHz

Date: 12.NOV.2011 11:03:10

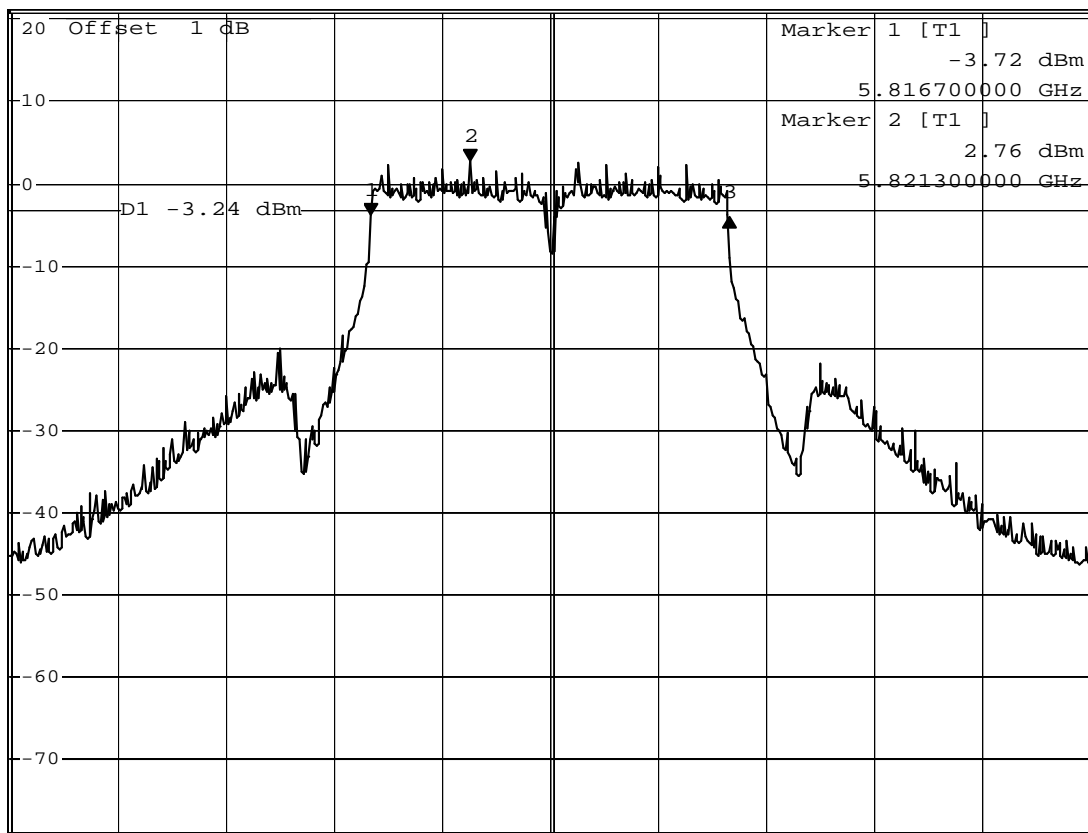
## Channel 165



\*RBW 100 kHz Delta 3 [T1 ]  
 \*VBW 100 kHz -0.31 dB  
 \*SWT 100 ms 16.60000000 MHz

Ref 21 dBm \*Att 30 dB

1 PK  
VIEW



Center 5.825 GHz 5 MHz/ Span 50 MHz

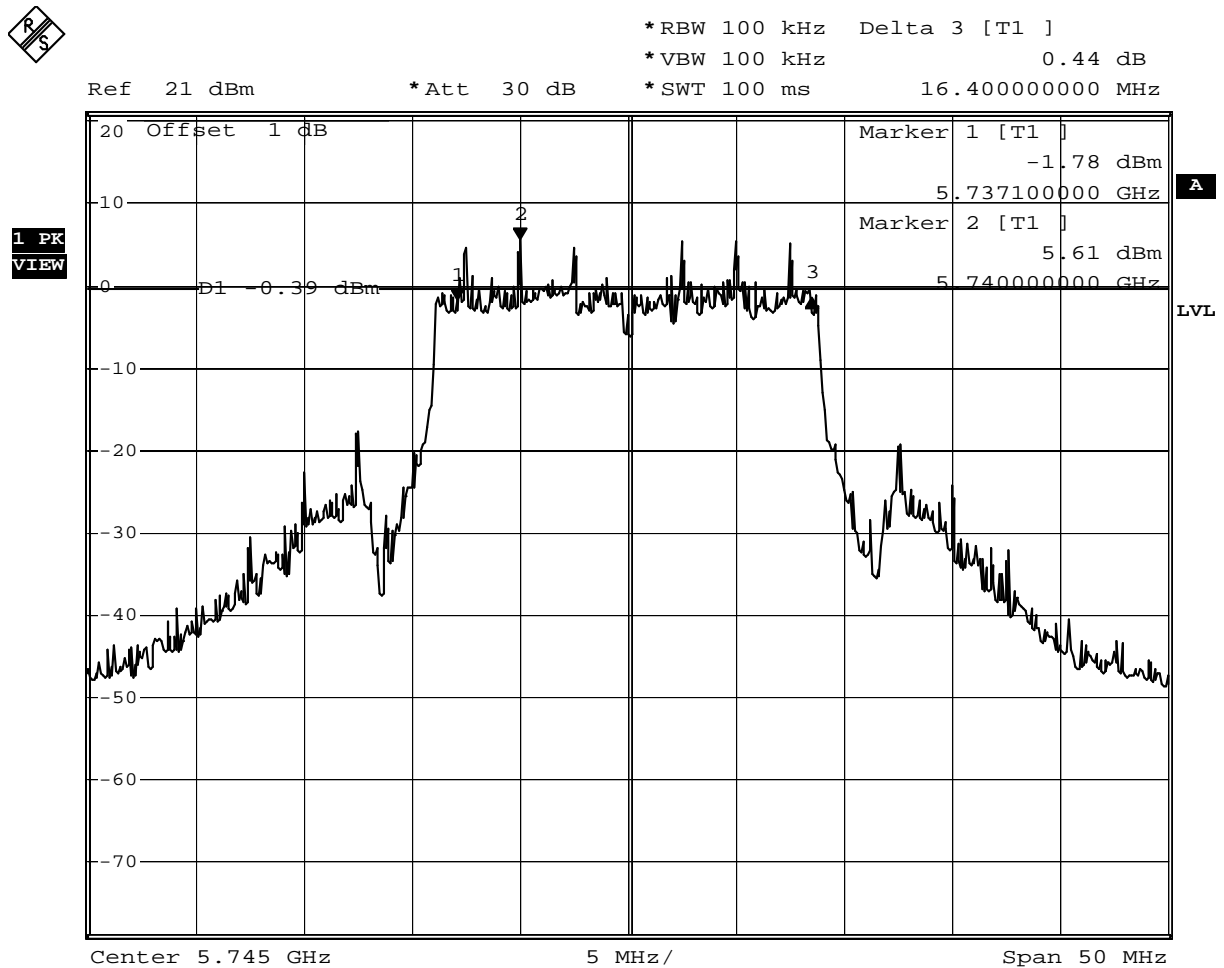
Date: 12.NOV.2011 11:01:33



Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/12	Test Site	SR7

IEEE 802.11n (20MHz)(ANT 0)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
149	5745	16.4	$\geq 0.5$	Pass
157	5785	15.9	$\geq 0.5$	Pass
165	5825	17.3	$\geq 0.5$	Pass

### Channel 149



Date: 12.NOV.2011 10:52:50

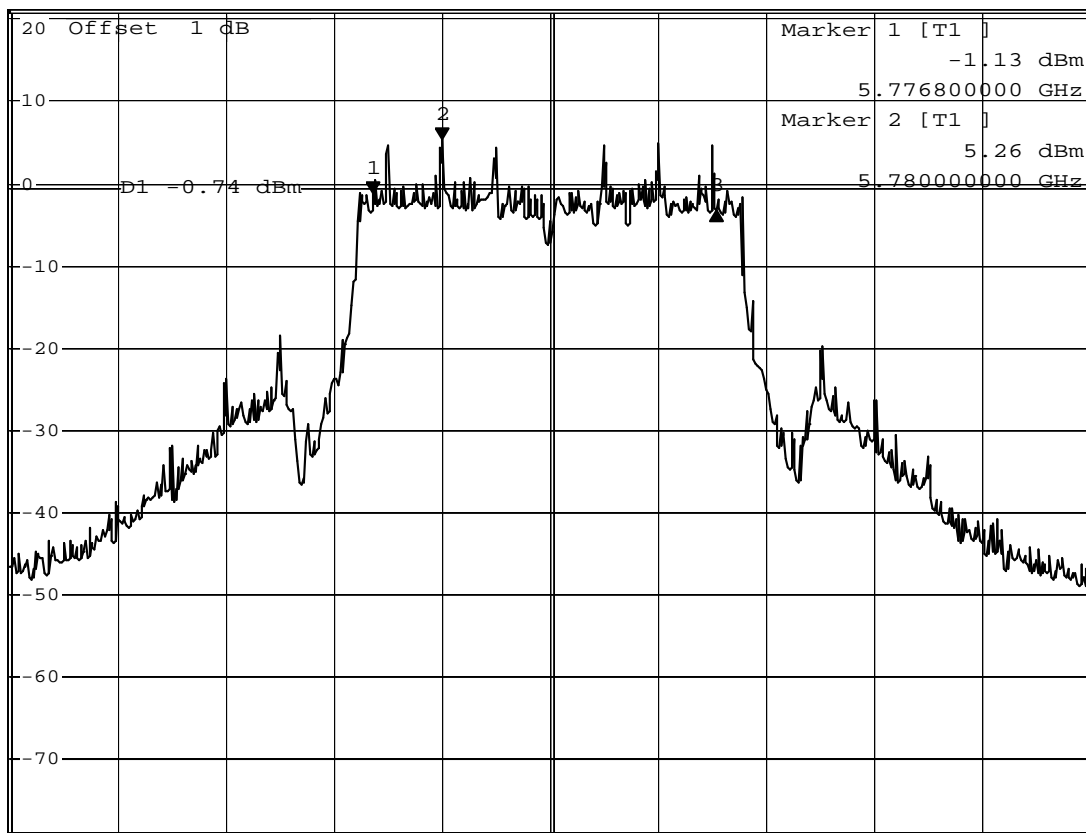
## Channel 157



\*RBW 100 kHz Delta 3 [T1 ]  
 \*VBW 100 kHz -2.07 dB  
 \*SWT 100 ms 15.90000000 MHz

Ref 21 dBm \*Att 30 dB

1 PK  
VIEW



Center 5.785 GHz 5 MHz/ Span 50 MHz

Date: 12.NOV.2011 10:56:55

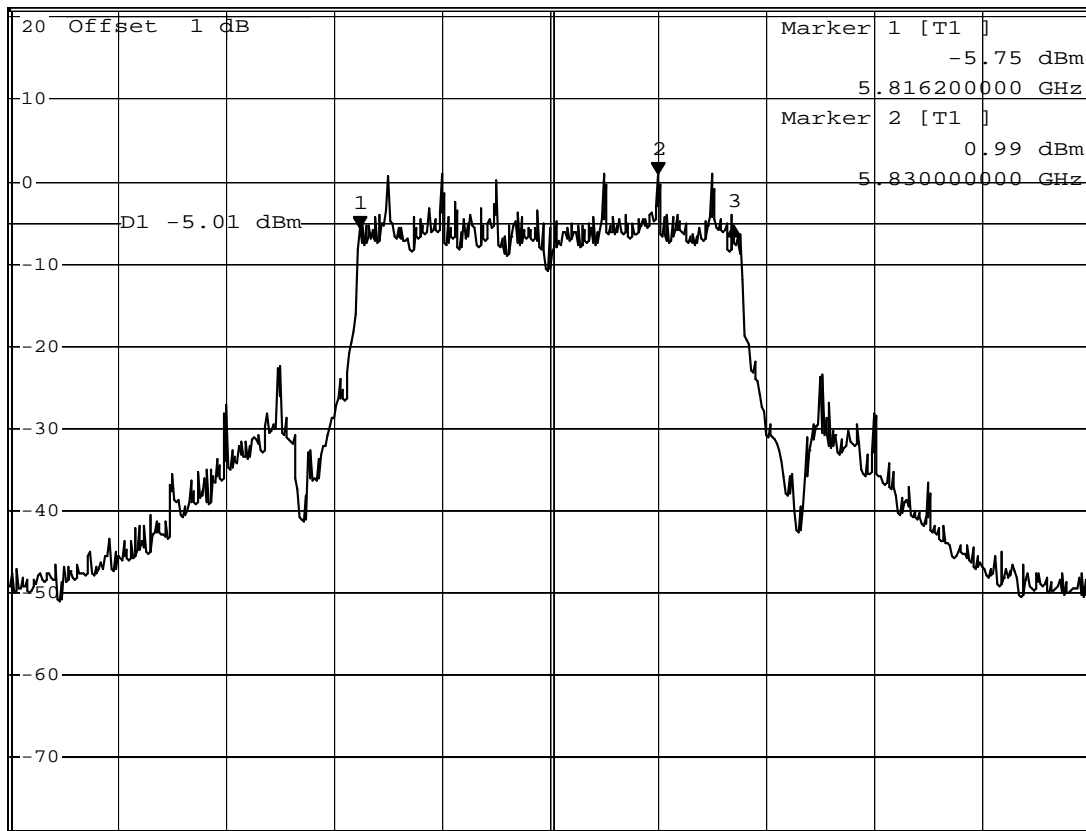
## Channel 165



\*RBW 100 kHz Delta 3 [T1 ]  
 \*VBW 100 kHz 0.32 dB  
 \*SWT 100 ms 17.30000000 MHz

Ref 21 dBm \*Att 30 dB

1 PK  
VIEW



Center 5.825 GHz 5 MHz/ Span 50 MHz

Date: 12.NOV.2011 10:58:35

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/12	Test Site	SR7

IEEE 802.11n (20MHz)(ANT 1)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
149	5745	17.9	$\geq 0.5$	Pass
157	5785	17.8	$\geq 0.5$	Pass
165	5825	17.8	$\geq 0.5$	Pass

### Channel 149

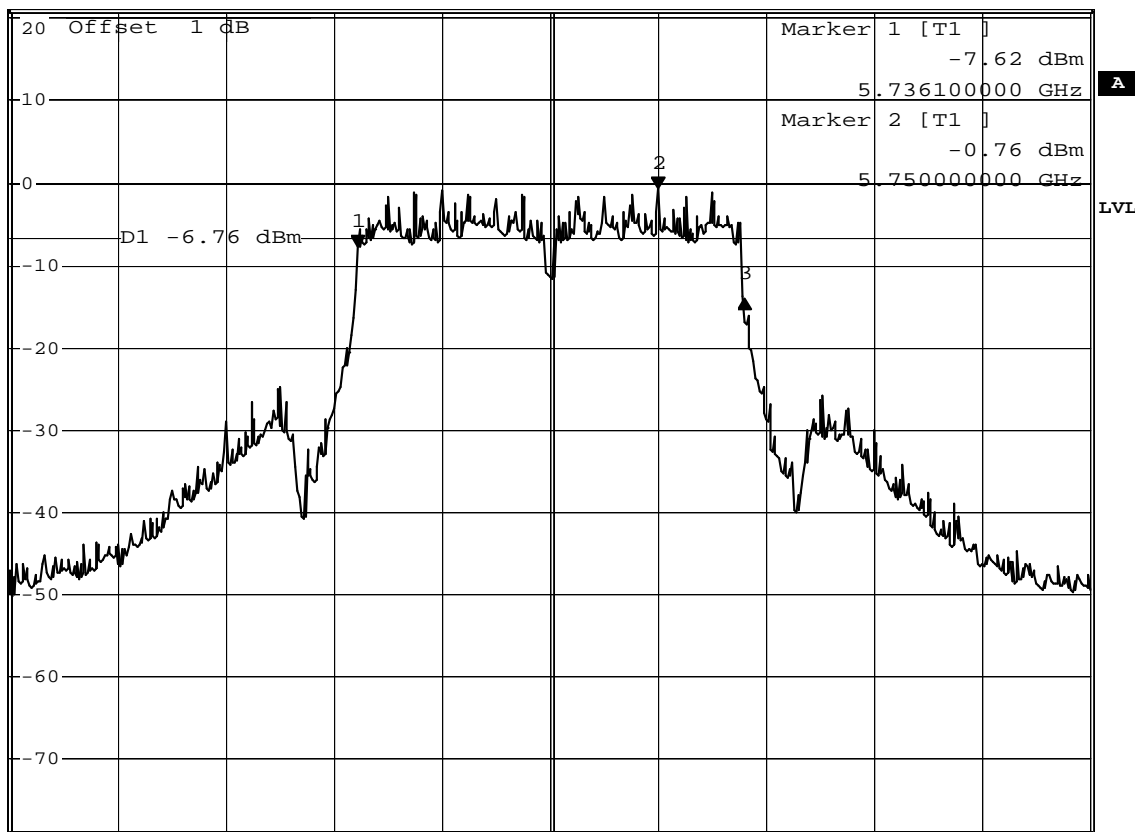


\*RBW 100 kHz Delta 3 [T1 ]  
 \*VBW 100 kHz -6.41 dB  
 \*SWT 100 ms 17.90000000 MHz

Ref 21 dBm

\*Att 30 dB

1 PK VIEW



Center 5.745 GHz

5 MHz/

Span 50 MHz

Date: 12.NOV.2011 10:54:10

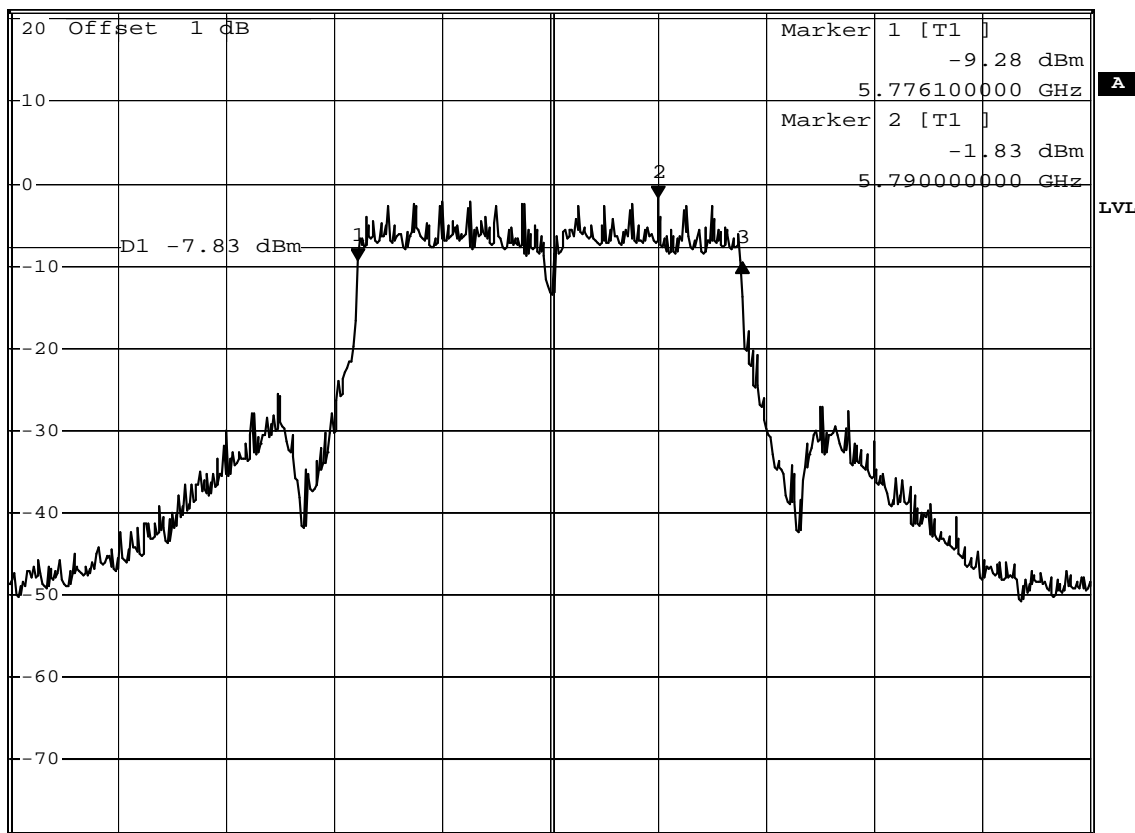
## Channel 157



\*RBW 100 kHz Delta 3 [T1 ]  
 \*VBW 100 kHz -0.31 dB  
 \*SWT 100 ms 17.80000000 MHz

Ref 21 dBm \*Att 30 dB

1 PK  
VIEW



Center 5.785 GHz 5 MHz/ Span 50 MHz

Date: 12.NOV.2011 10:55:07

**Channel 165**

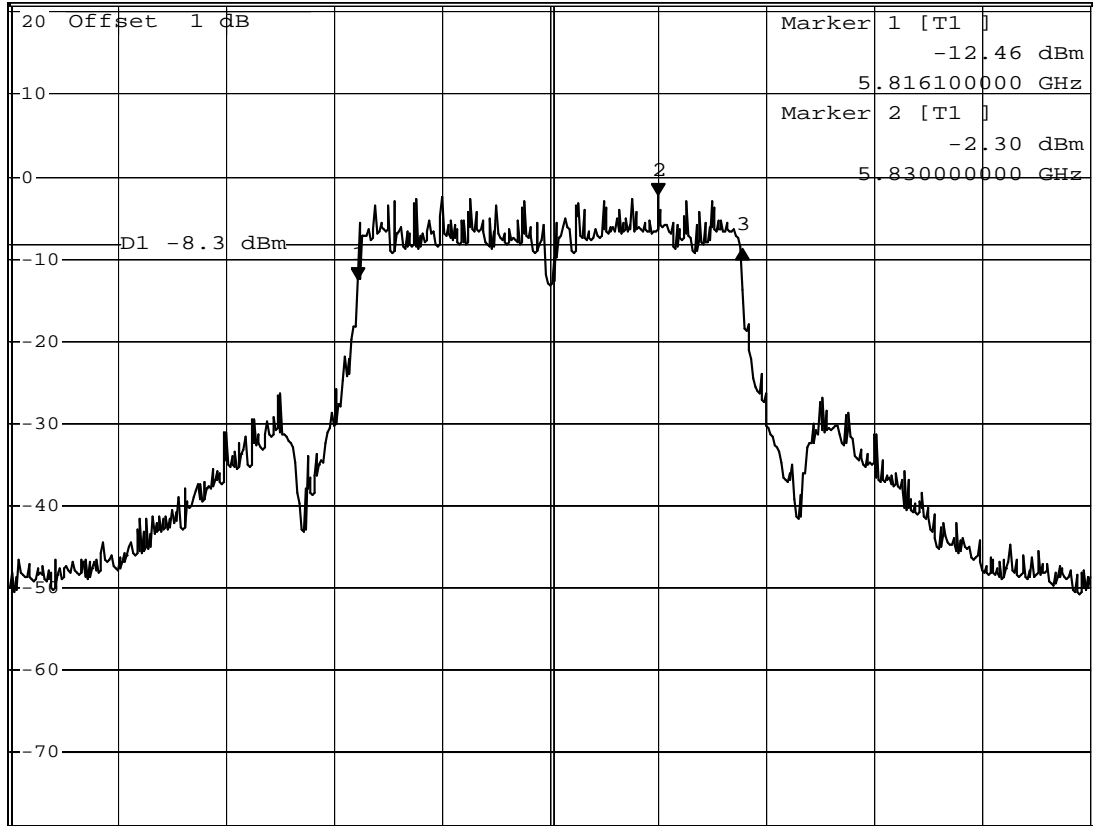


\*RBW 100 kHz Delta 3 [T1 ]  
 \*VBW 100 kHz 3.79 dB  
 \*SWT 100 ms 17.80000000 MHz

Ref 21 dBm

\*Att 30 dB

1 PK  
VIEW



Center 5.825 GHz 5 MHz/ Span 50 MHz

Date: 12.NOV.2011 11:00:17



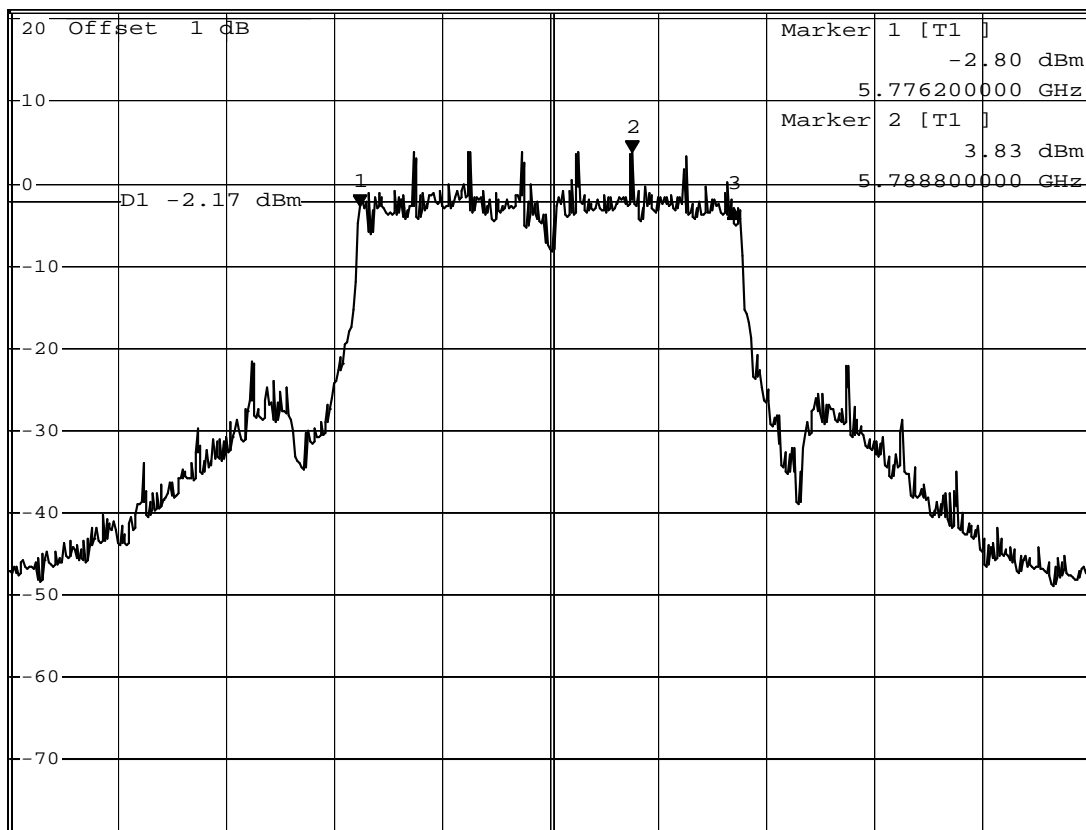
## Channel 157



\*RBW 100 kHz Delta 3 [T1 ]  
 \*VBW 100 kHz -0.19 dB  
 \*SWT 100 ms 17.30000000 MHz

Ref 21 dBm \*Att 30 dB

1 PK  
VIEW



Center 5.785 GHz 5 MHz/ Span 50 MHz

Date: 12.NOV.2011 10:55:53



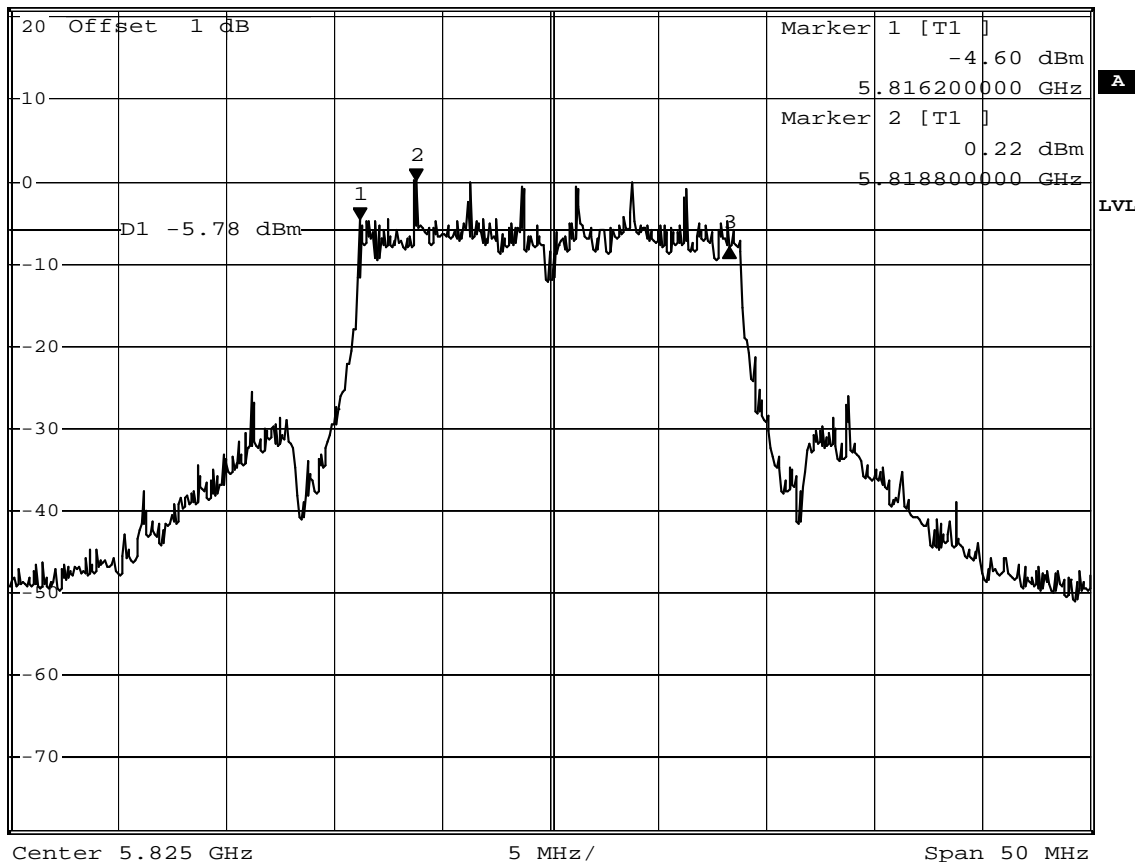
## Channel 165



\*RBW 100 kHz Delta 3 [T1 ]  
 \*VBW 100 kHz -3.32 dB  
 \*SWT 100 ms 17.10000000 MHz

Ref 21 dBm \*Att 30 dB

1 PK  
VIEW



Date: 12.NOV.2011 10:59:28

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/12	Test Site	SR7

IEEE 802.11n (40MHz)(ANT 0)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
151	5755	35.6	$\geq 0.5$	Pass
159	5795	36.2	$\geq 0.5$	Pass

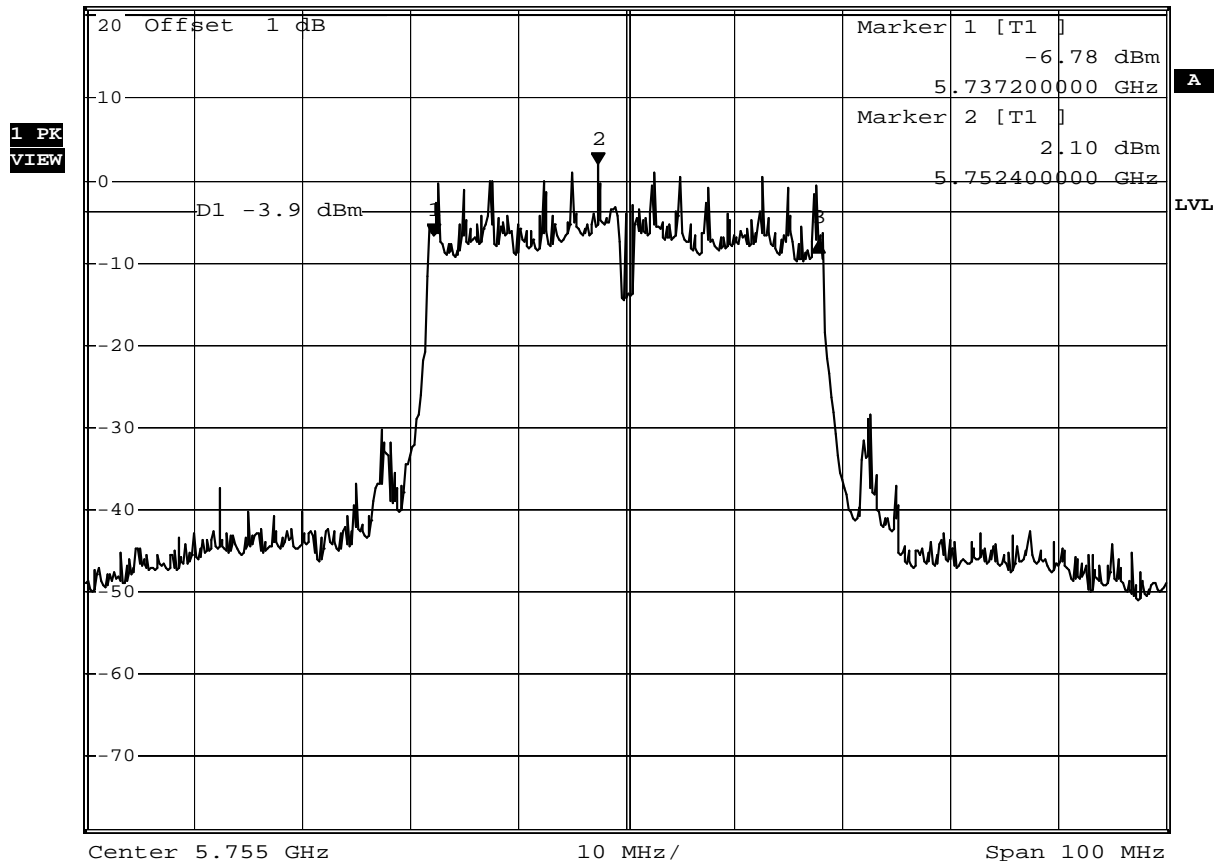
### Channel 151



\*RBW 100 kHz Delta 3 [T1 ]  
 \*VBW 100 kHz -0.63 dB  
 \*SWT 100 ms 35.60000000 MHz

Ref 21 dBm

\*Att 30 dB



Date: 12.NOV.2011 10:49:30

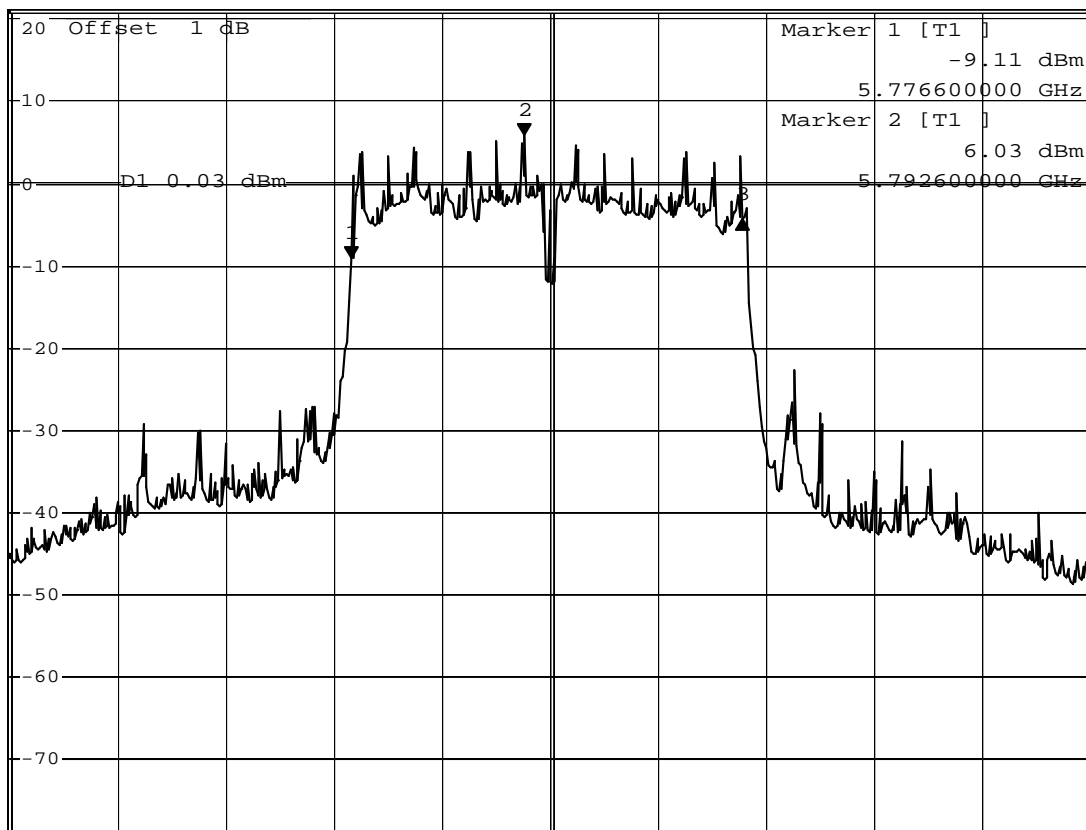
**Channel 159**



\*RBW 100 kHz Delta 3 [T1 ]  
 \*VBW 100 kHz 4.72 dB  
 \*SWT 100 ms 36.20000000 MHz

Ref 21 dBm \*Att 30 dB

1 PK  
VIEW



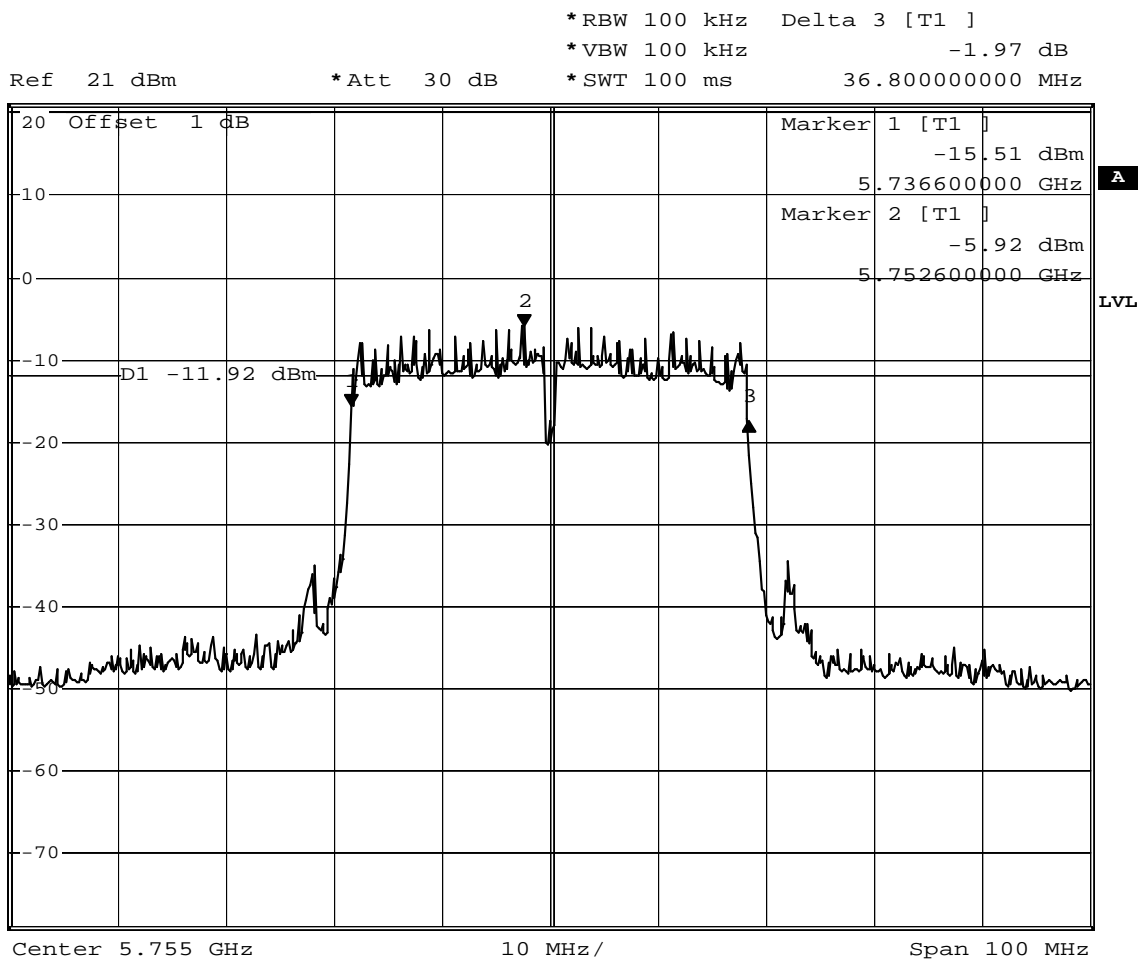
Center 5.795 GHz 10 MHz/ Span 100 MHz

Date: 12.NOV.2011 10:43:36

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/12	Test Site	SR7

IEEE 802.11n (40MHz)(ANT 1)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
151	5755	36.8	$\geq 0.5$	Pass
159	5795	35.6	$\geq 0.5$	Pass

### Channel 151



Date: 12.NOV.2011 10:47:20

## Channel 159

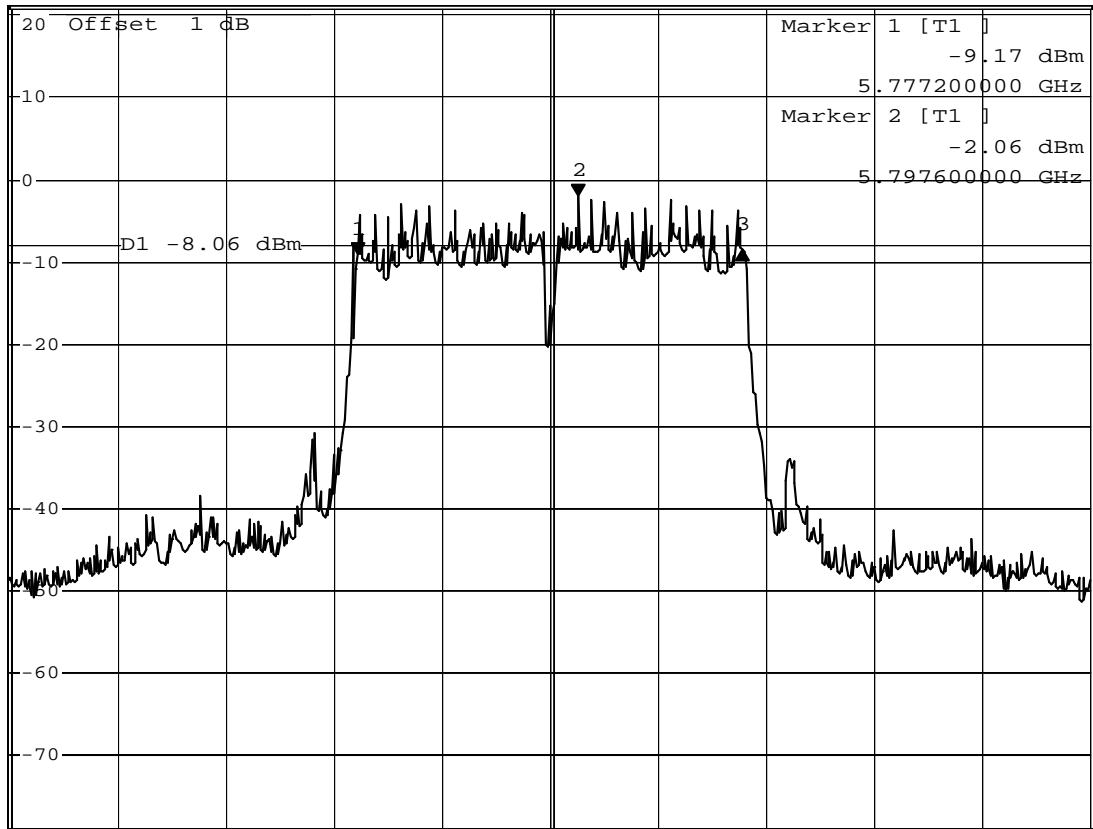


\*RBW 100 kHz Delta 3 [T1 ]  
 \*VBW 100 kHz 0.57 dB  
 \*SWT 100 ms 35.60000000 MHz

Ref 21 dBm

\*Att 30 dB

1 PK  
VIEW



Center 5.795 GHz 10 MHz/ Span 100 MHz

Date: 12.NOV.2011 10:46:14

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/12	Test Site	SR7

IEEE 802.11n (40MHz)(ANT 2)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
151	5755	35.0	$\geq 0.5$	Pass
159	5795	33.2	$\geq 0.5$	Pass

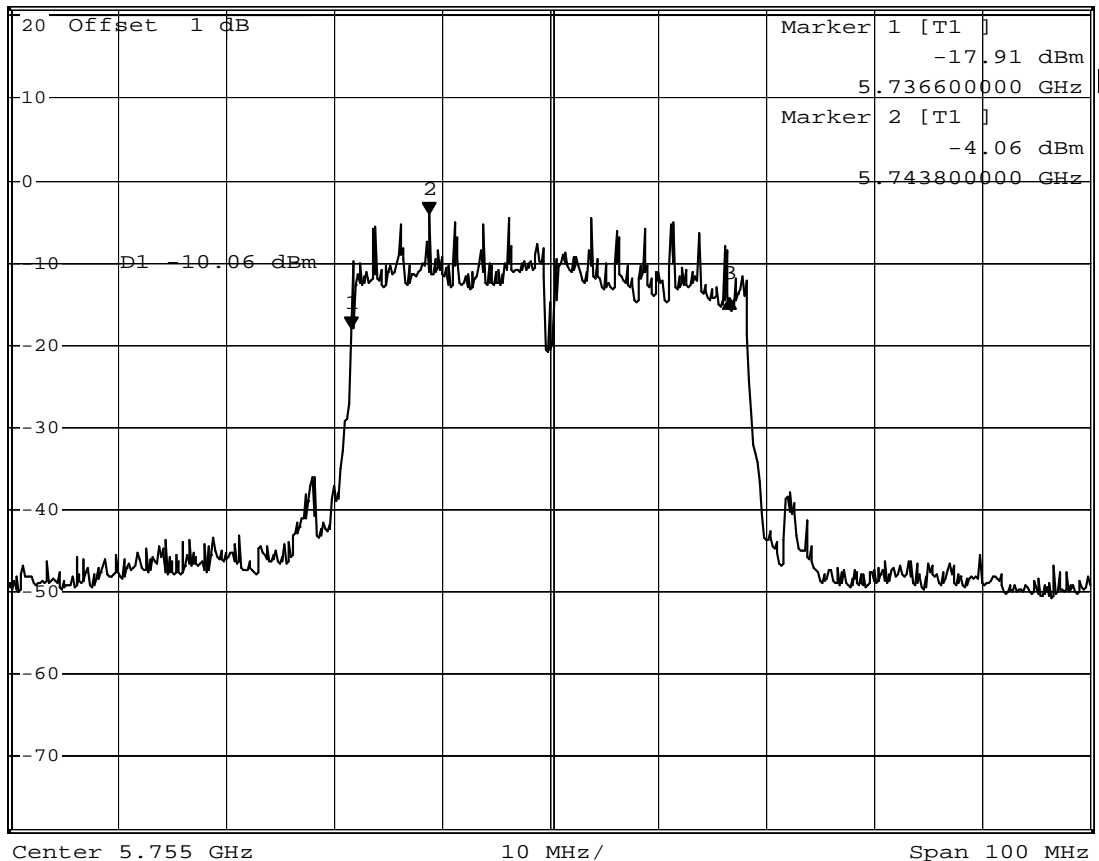
### Channel 151



\*RBW 100 kHz Delta 3 [T1 ]  
 \*VBW 100 kHz 3.69 dB  
 \*SWT 100 ms 35.00000000 MHz

Ref 21 dBm

\*Att 30 dB



Date: 12.NOV.2011 10:48:09

**Channel 159**

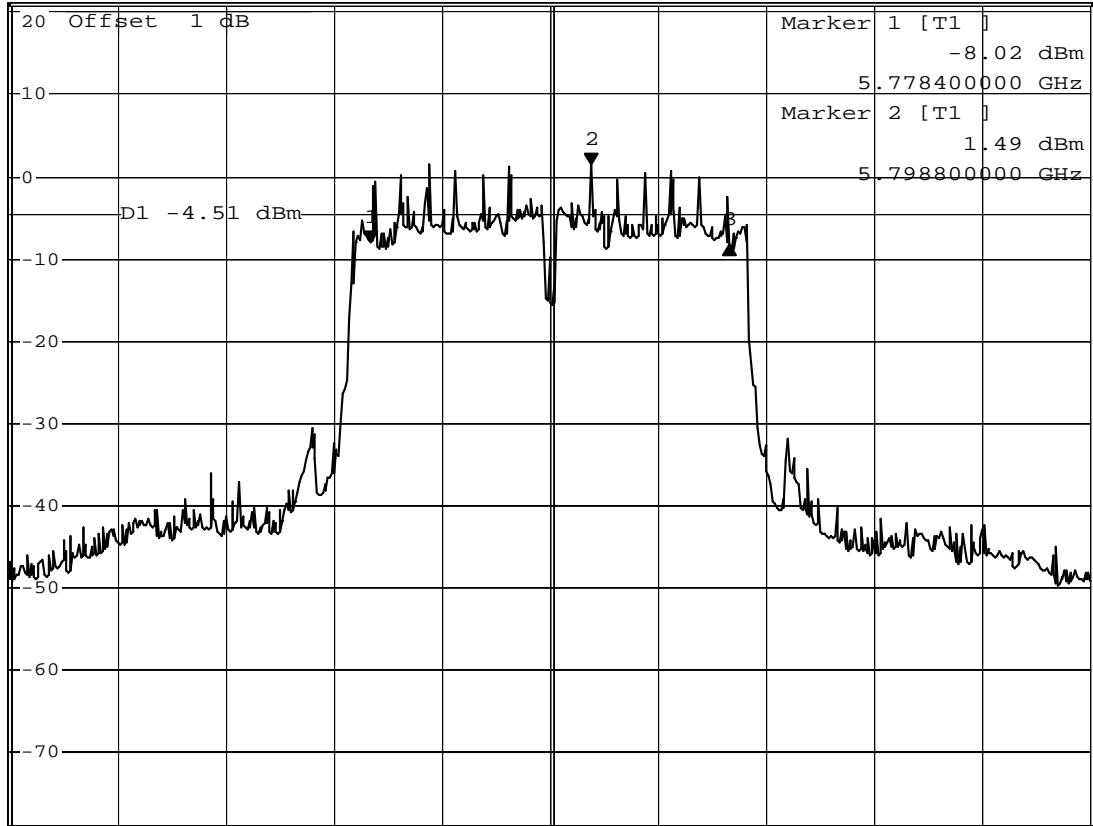


\*RBW 100 kHz Delta 3 [T1 ]  
 \*VBW 100 kHz -0.34 dB  
 \*SWT 100 ms 33.20000000 MHz

Ref 21 dBm

\*Att 30 dB

1 PK  
VIEW



Center 5.795 GHz 10 MHz/ Span 100 MHz

Date: 12.NOV.2011 10:45:07

**8. Power Density**

**8.1. Test Equipment**

The following test equipment is used during the test:

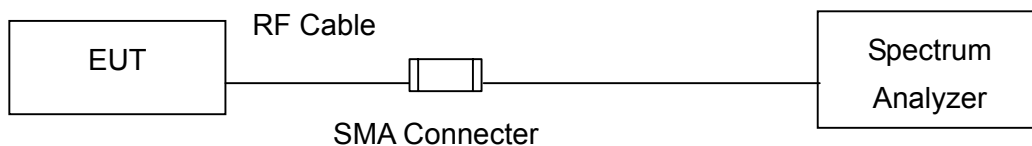
**Power Density / SR7**

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	R&S	FSP	100561	2012/01/16

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

**8.2. Test Setup**

IEEE 802.11 b / g / n ( 20M / 40M ) MODE



**8.3. Limits**

The peak power spectral density conducted from the intentional radiated to the antenna shall not be greater than +8dBm in any 3kHz band during any time interval of continuous transmission.

**8.4. Test Procedures**

The EUT was setup according to ANSI C63.4: 2009; tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

Set RBW= 3 kHz, Set VBW  $\geq$  9 kHz, Sweep time=Auto, Set detector=Peak detector

**8.5. Test Specification**

According to FCC Part 15 Subpart C Paragraph 15.207: 2010

**8.6. Uncertainty**

The measurement uncertainty is defined as  $\pm 1.27$ dB.



## 8.7. Test Result

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/12	Test Site	SR7

IEEE 802.11b				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-0.31	≤ 8	Pass
6	2437	-2.02	≤ 8	Pass
11	2462	-4.60	≤ 8	Pass

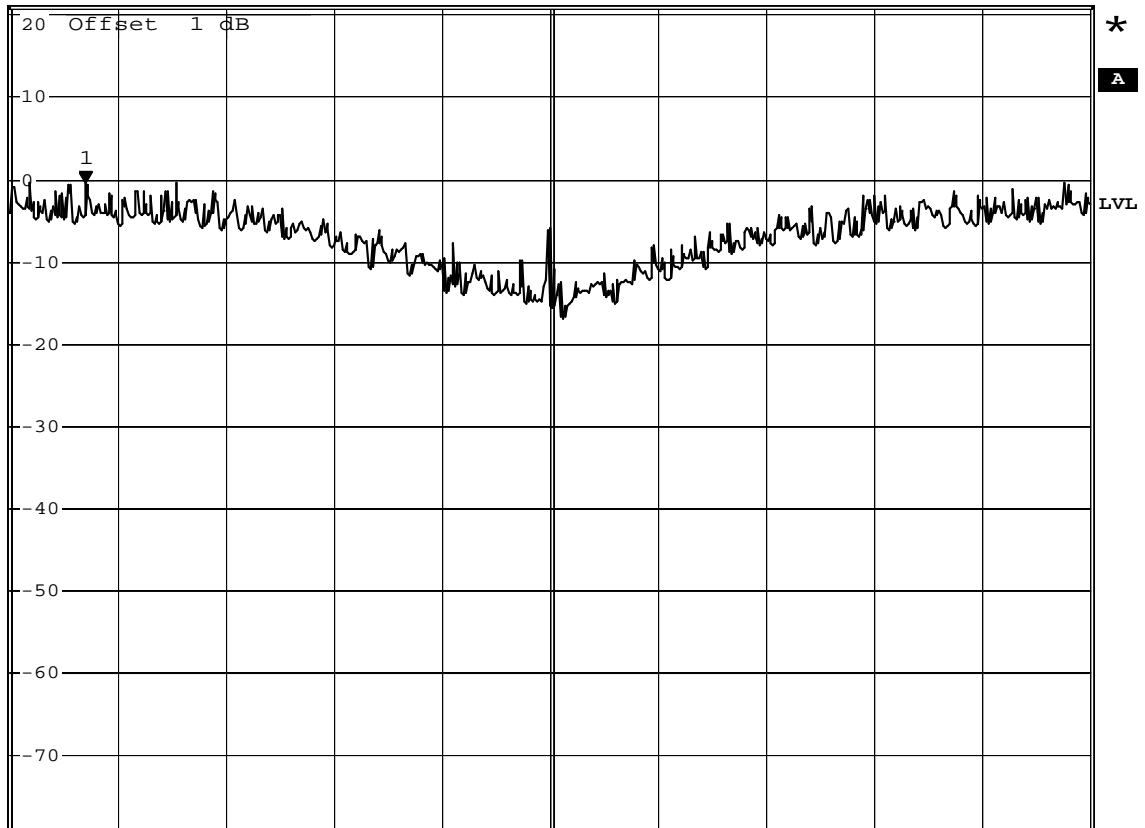
### Channel 1



\*RBW 3 kHz      Marker 1 [T1 ]  
 \*VBW 10 kHz      -0.31 dBm  
 \*SWT 500 s      2.411355000 GHz

Ref 21 dBm

\*Att 30 dB



Center 2.412 GHz

150 kHz/

Span 1.5 MHz

Date: 11.NOV.2011 17:35:48

**Channel 6**

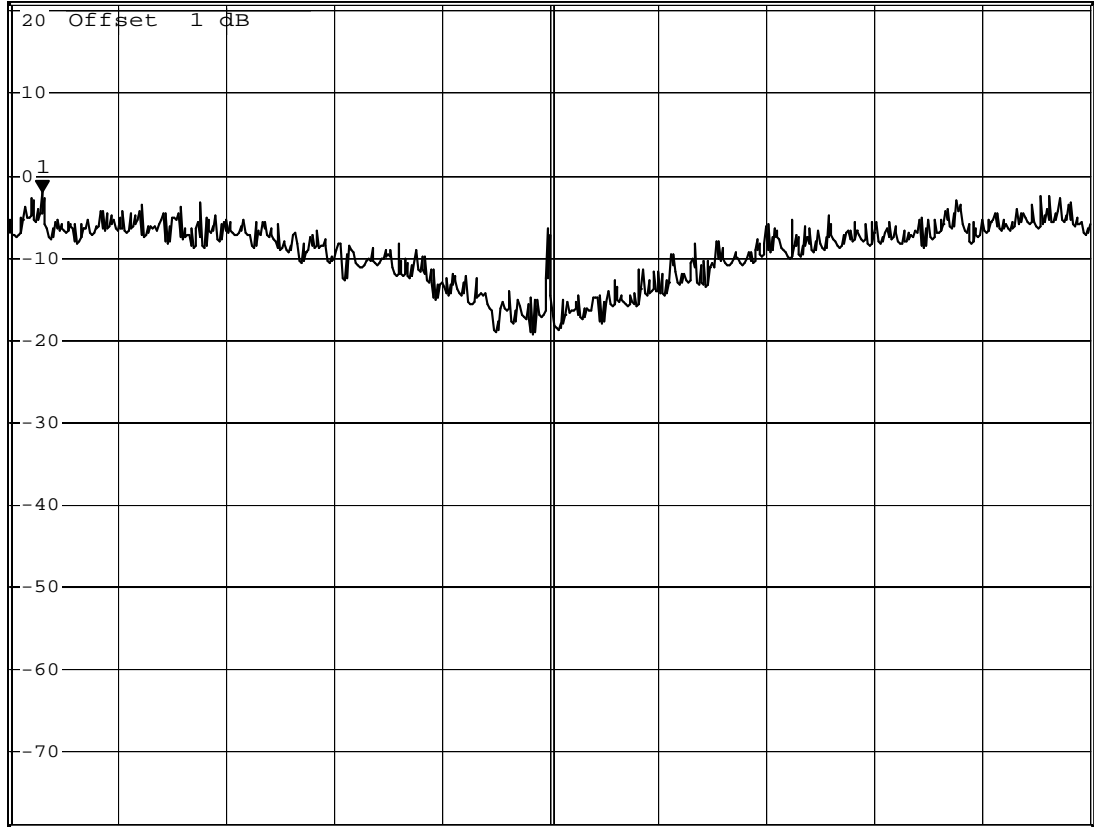


\*RBW 3 kHz      Marker 1 [T1 ]  
\*VBW 10 kHz      -2.02 dBm  
\*SWT 500 s      2.436295000 GHz

Ref 21 dBm

\*Att 30 dB

1 PK  
VIEW



Center 2.437 GHz

150 kHz/

Span 1.5 MHz

Date: 11.NOV.2011 17:35:13

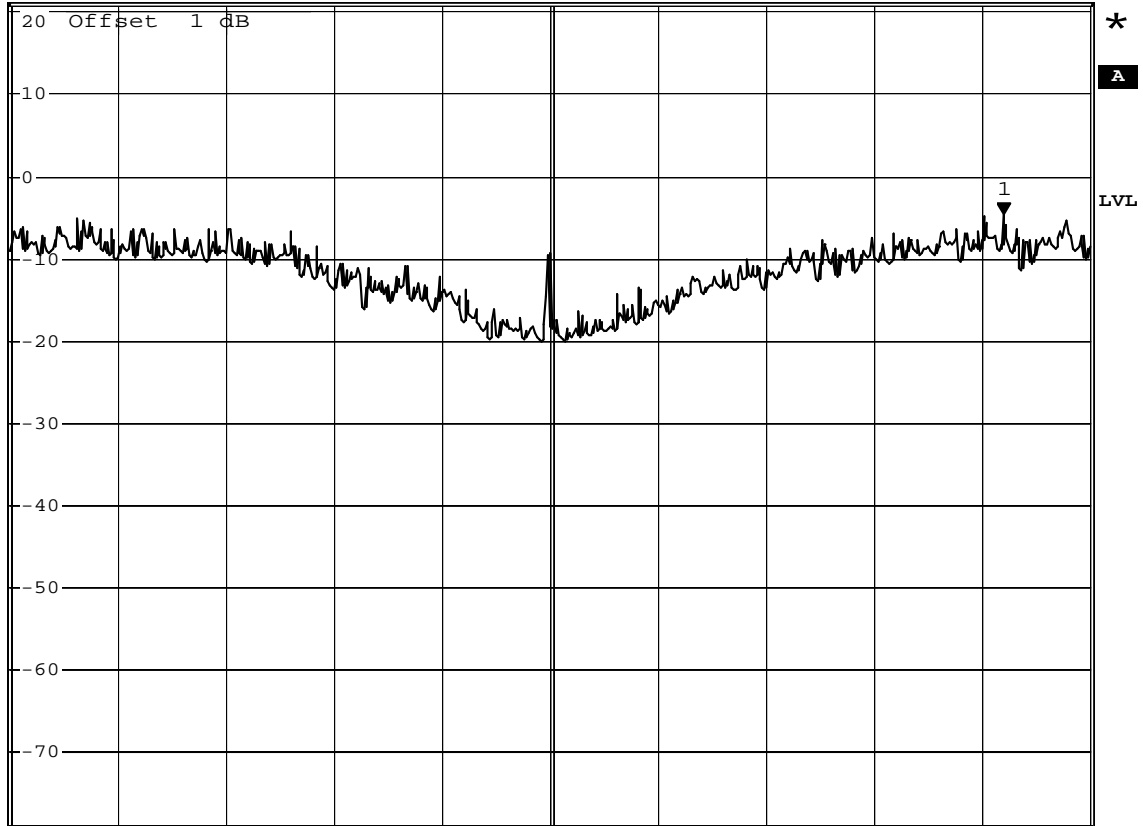
Channel 11



\*RBW 3 kHz      Marker 1 [T1 ]  
\*VBW 10 kHz      -4.60 dBm  
\*SWT 500 s      2.462630000 GHz

Ref 21 dBm      \*Att 30 dB

1 PK  
VIEW



Center 2.462 GHz      150 kHz/      Span 1.5 MHz

Date: 11.NOV.2011 17:34:29

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/12	Test Site	SR7

IEEE 802.11g				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-11.77	≤ 8	Pass
6	2437	-10.92	≤ 8	Pass
11	2462	-12.76	≤ 8	Pass

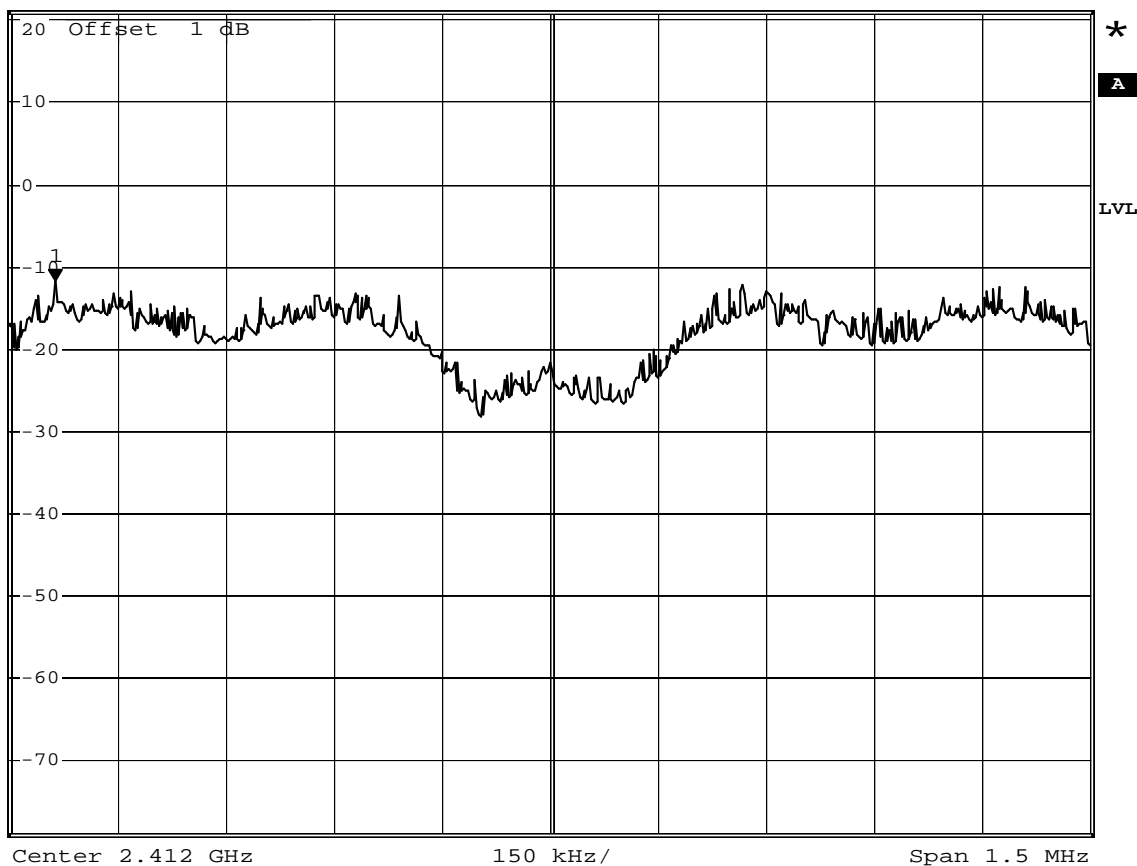
### Channel 1



\*RBW 3 kHz      Marker 1 [T1 ]  
 \*VBW 10 kHz      -11.77 dBm  
 \*SWT 500 s      2.411313000 GHz

Ref 21 dBm

\*Att 30 dB



Date: 11.NOV.2011 17:31:43

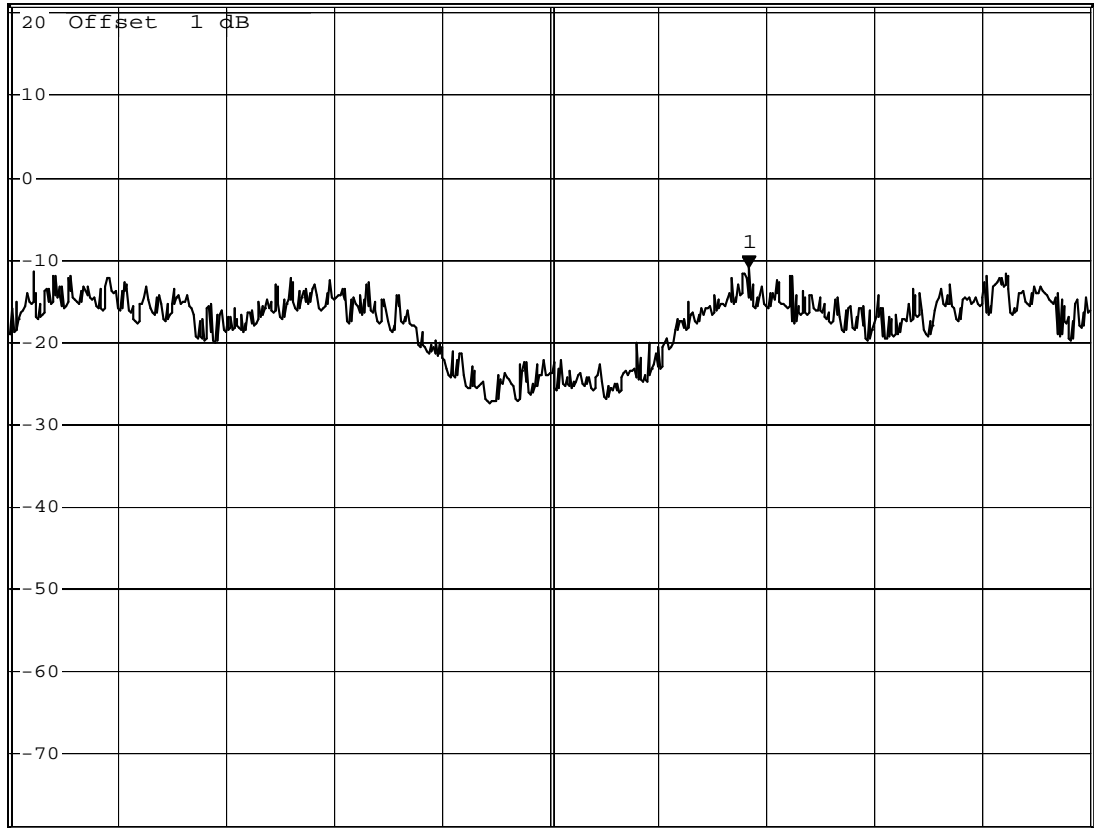
**Channel 6**



\*RBW 3 kHz      Marker 1 [T1 ]  
\*VBW 10 kHz      -10.92 dBm  
\*SWT 500 s      2.437276000 GHz

Ref 21 dBm      \*Att 30 dB

1 PK  
VIEW



Center 2.437 GHz      150 kHz/      Span 1.5 MHz

Date: 11.NOV.2011 17:32:48

Channel 11

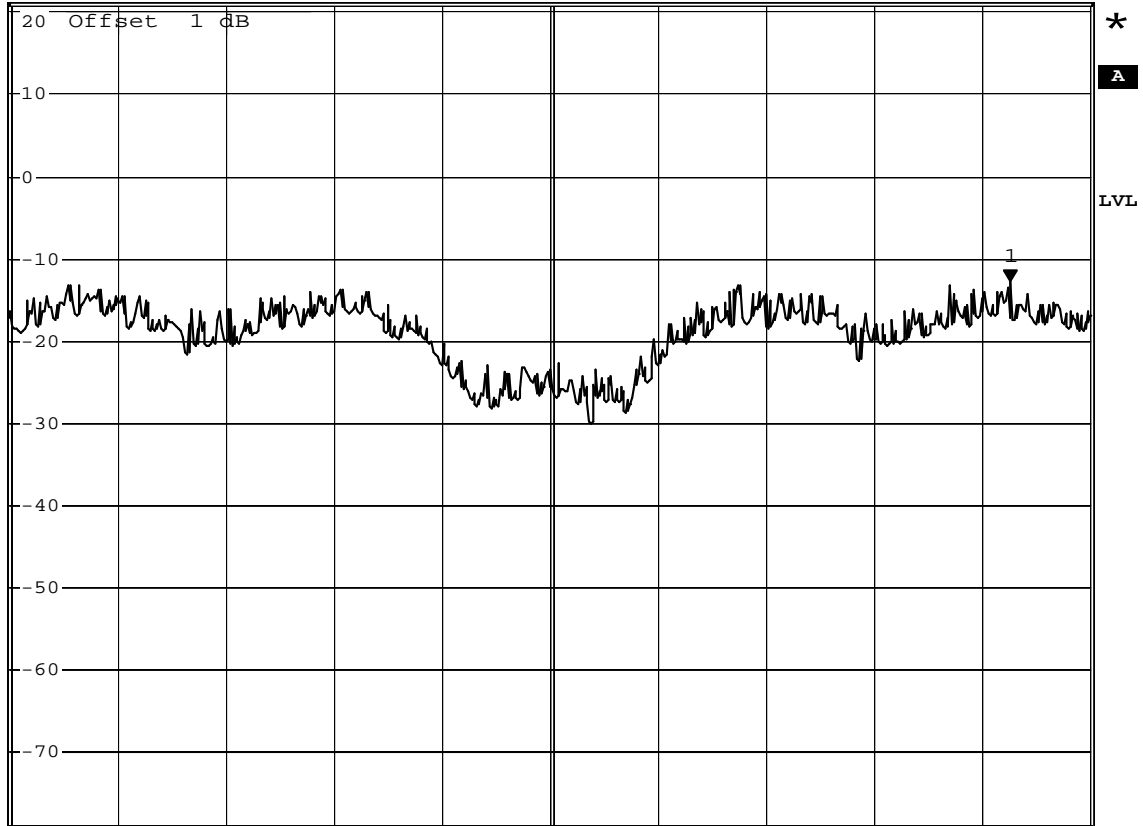


\*RBW 3 kHz      Marker 1 [T1 ]  
\*VBW 10 kHz      -12.76 dBm  
\*SWT 500 s      2.462639000 GHz

Ref 21 dBm

\*Att 30 dB

1 PK  
VIEW

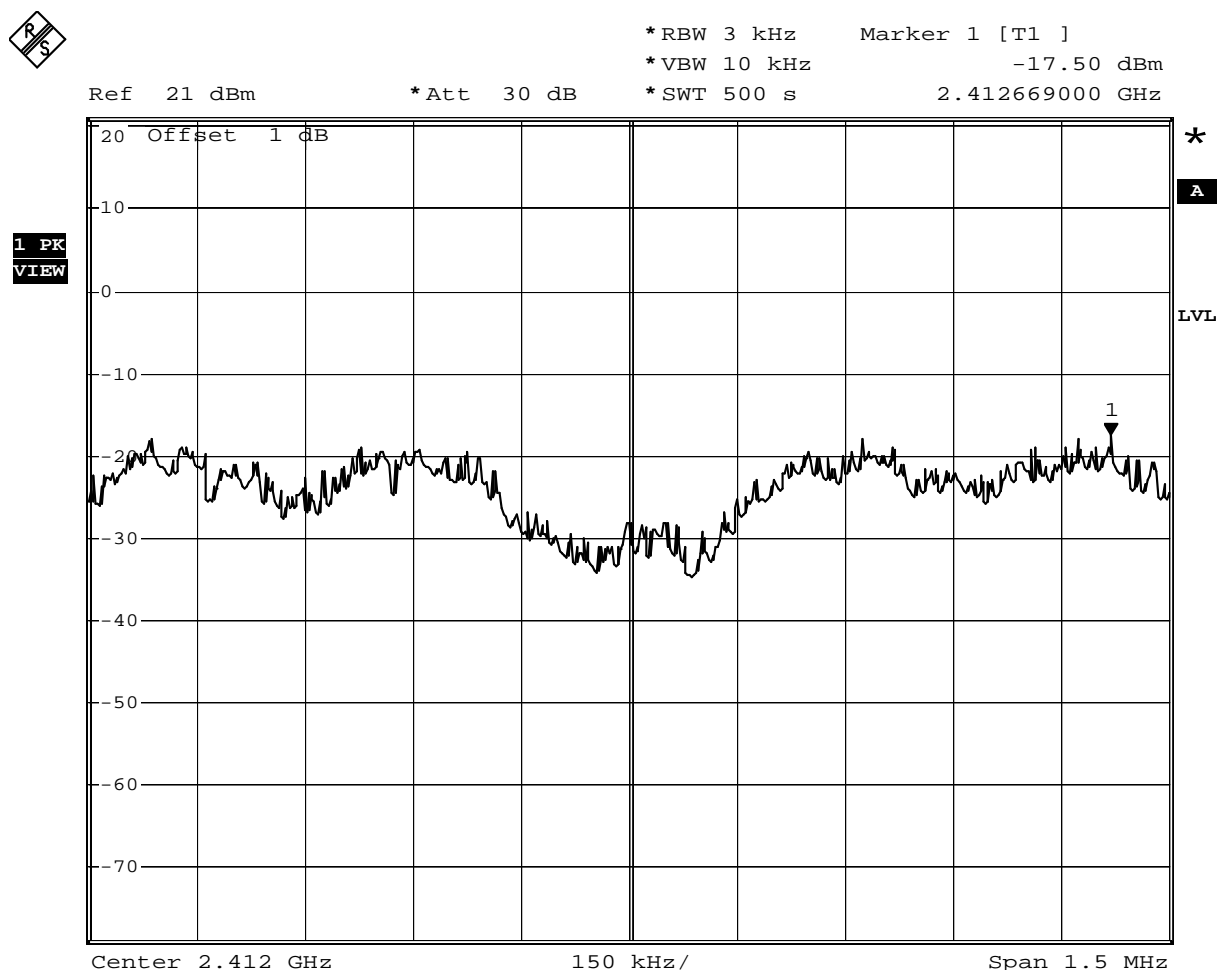


Date: 11.NOV.2011 17:33:27

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/12	Test Site	SR7

IEEE802.11n_20MHz_(ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412.00	-17.50	≤ 8	Pass
6	2437.00	-17.58	≤ 8	Pass
11	2462.00	-15.81	≤ 8	Pass

### Channel 1



Date: 11.NOV.2011 17:22:04

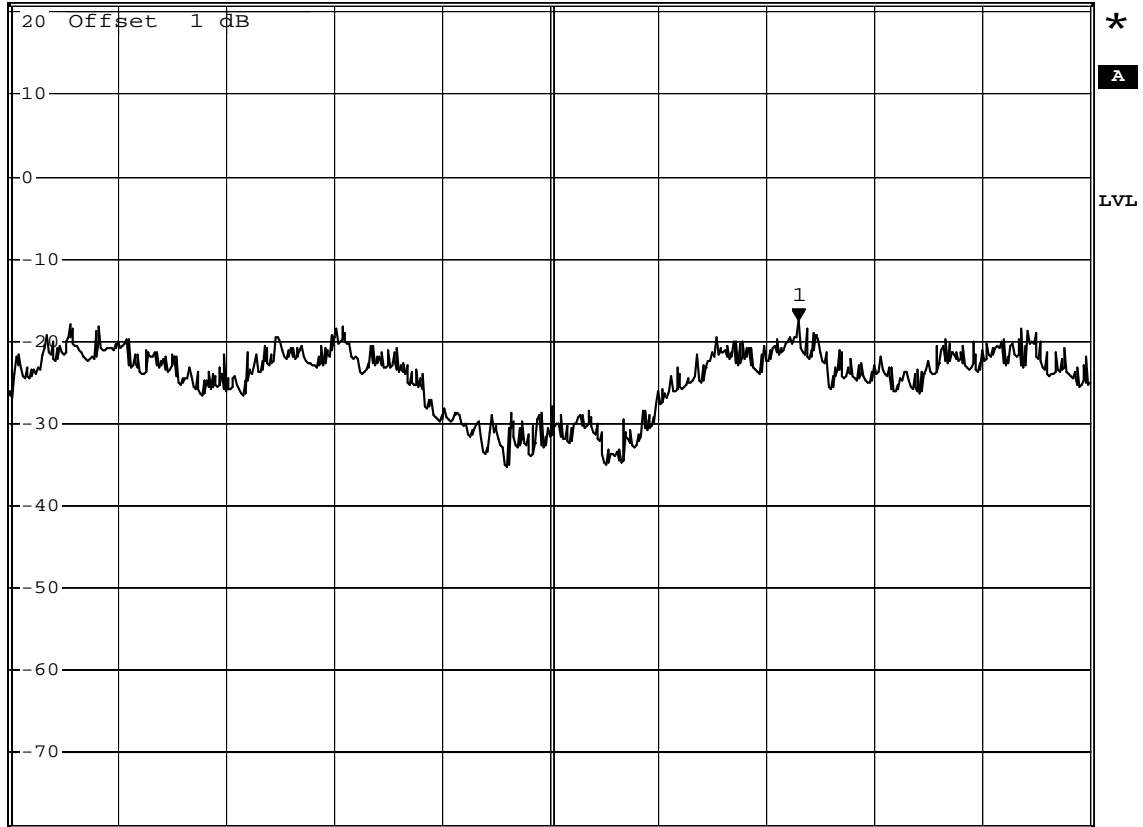
Channel 6



\*RBW 3 kHz      Marker 1 [T1 ]  
\*VBW 10 kHz      -17.58 dBm  
\*SWT 500 s      2.437345000 GHz

Ref 21 dBm      \*Att 30 dB

1 PK  
VIEW



Center 2.437 GHz      150 kHz/      Span 1.5 MHz

Date: 11.NOV.2011 17:16:48



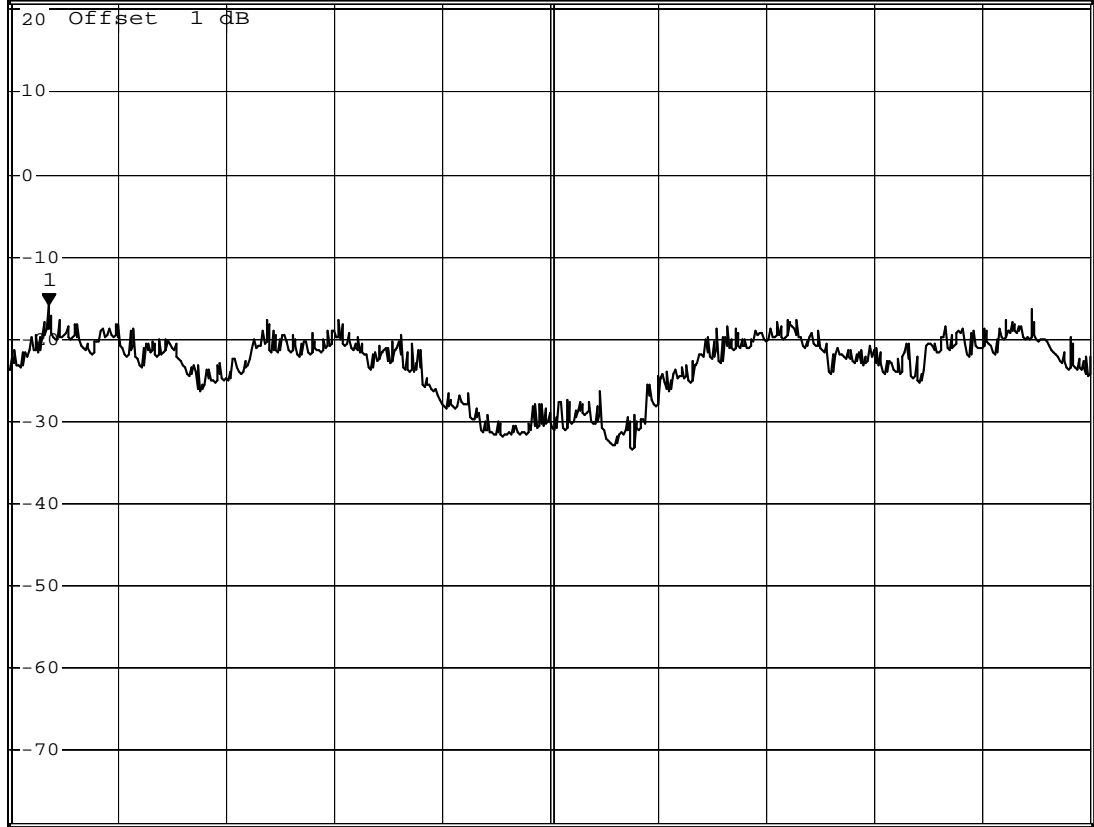
Channel 11



\*RBW 3 kHz      Marker 1 [T1 ]  
\*VBW 10 kHz      -15.81 dBm  
\*SWT 500 s      2.461304000 GHz

Ref 21 dBm

\*Att 30 dB



Center 2.462 GHz

150 kHz/

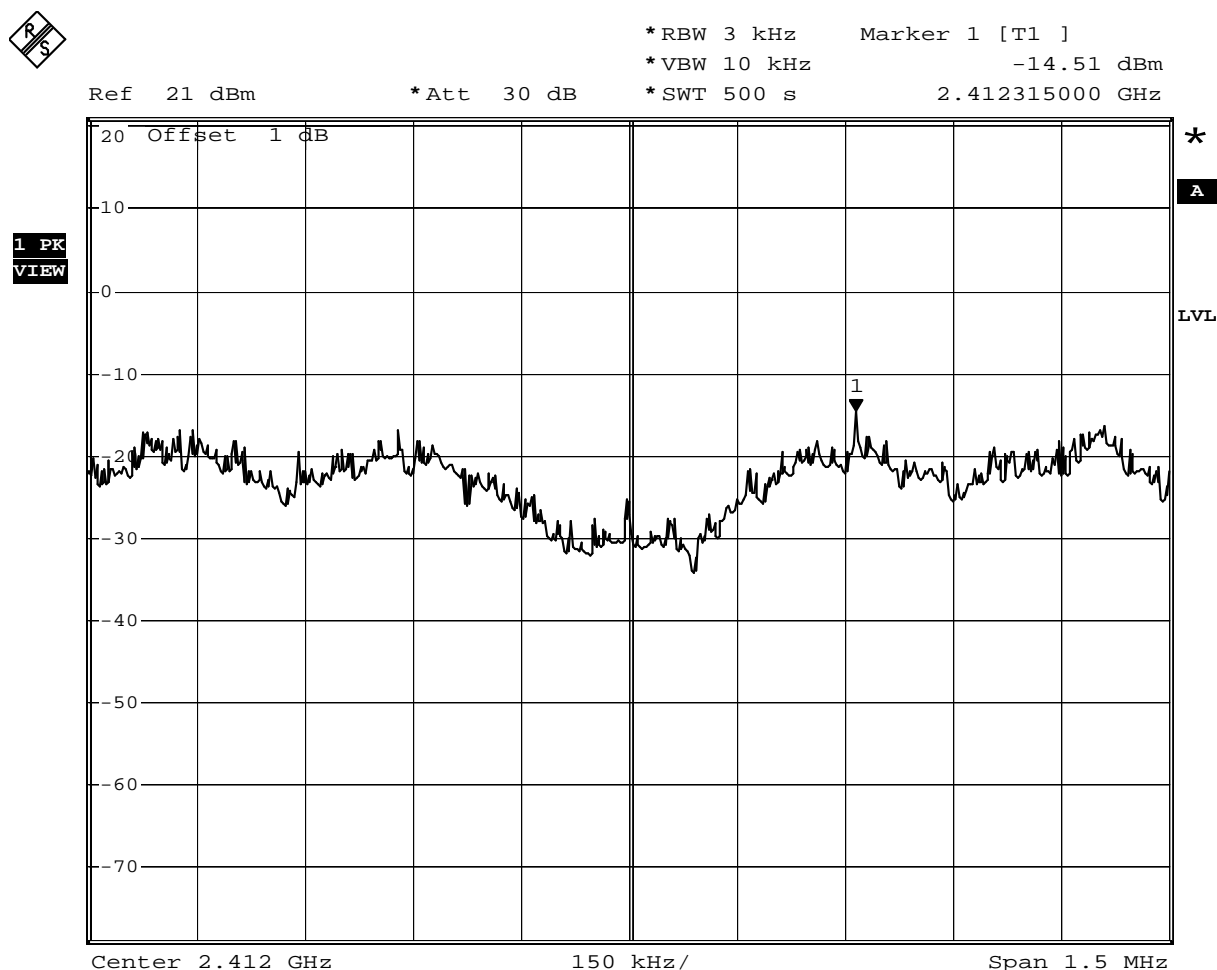
Span 1.5 MHz

Date: 11.NOV.2011 17:15:55

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/12	Test Site	SR7

IEEE802.11n_20MHz_(ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412.00	-14.51	≤ 8	Pass
6	2437.00	-16.17	≤ 8	Pass
11	2462.00	-14.18	≤ 8	Pass

### Channel 1



Date: 11.NOV.2011 17:20:30

Channel 6

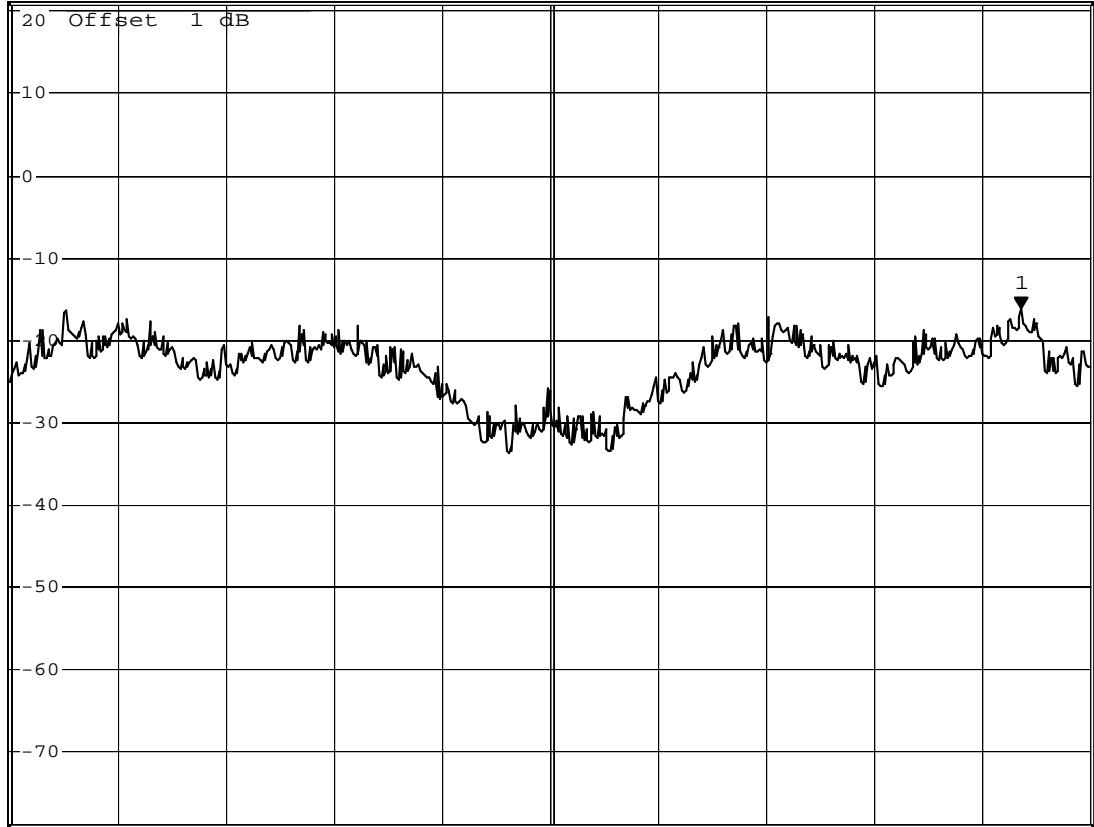


\*RBW 3 kHz      Marker 1 [T1 ]  
\*VBW 10 kHz      -16.17 dBm  
\*SWT 500 s      2.437654000 GHz

Ref 21 dBm

\*Att 30 dB

1 PK  
VIEW



Center 2.437 GHz

150 kHz/

Span 1.5 MHz

Date: 11.NOV.2011 17:18:10

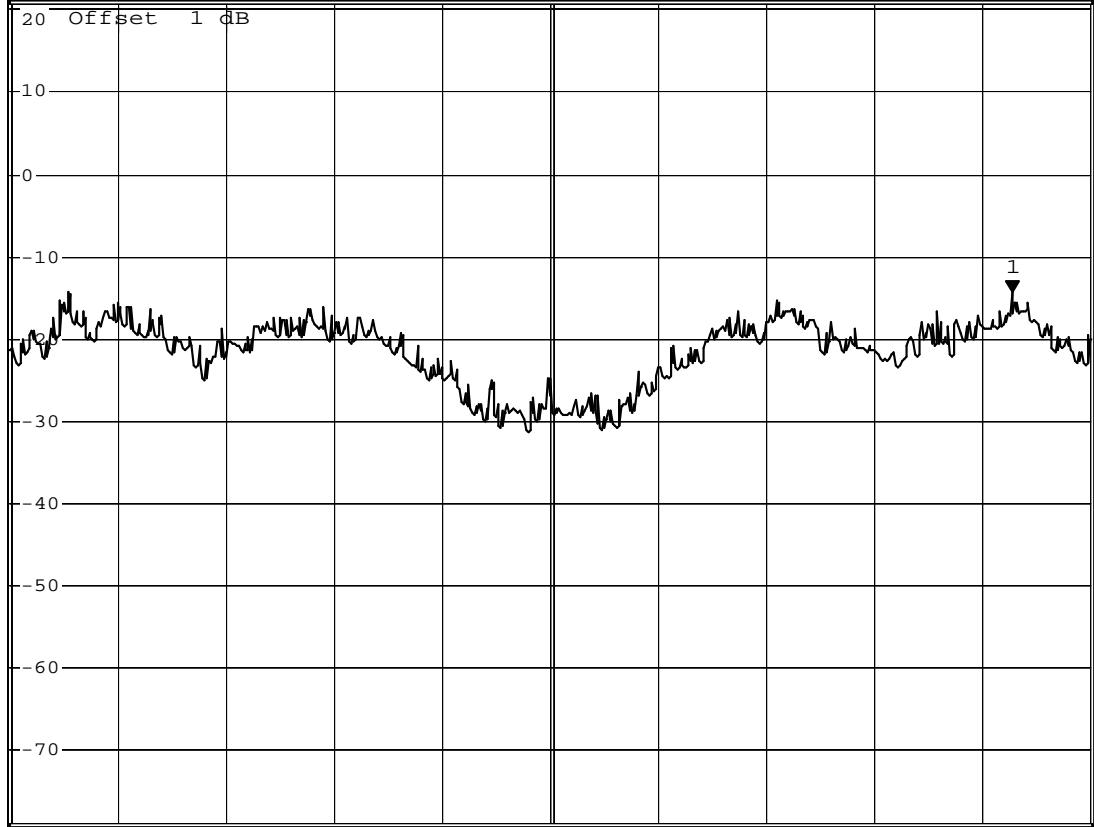
Channel 11



\*RBW 3 kHz      Marker 1 [T1 ]  
\*VBW 10 kHz      -14.18 dBm  
\*SWT 500 s      2.462642000 GHz

Ref 21 dBm

\*Att 30 dB



Center 2.462 GHz

150 kHz/

Span 1.5 MHz

Date: 11.NOV.2011 17:14:42

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/12	Test Site	SR7

IEEE802.11n_20MHz_(ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412.00	-16.35	≤ 8	Pass
6	2437.00	-17.52	≤ 8	Pass
11	2462.00	-15.37	≤ 8	Pass

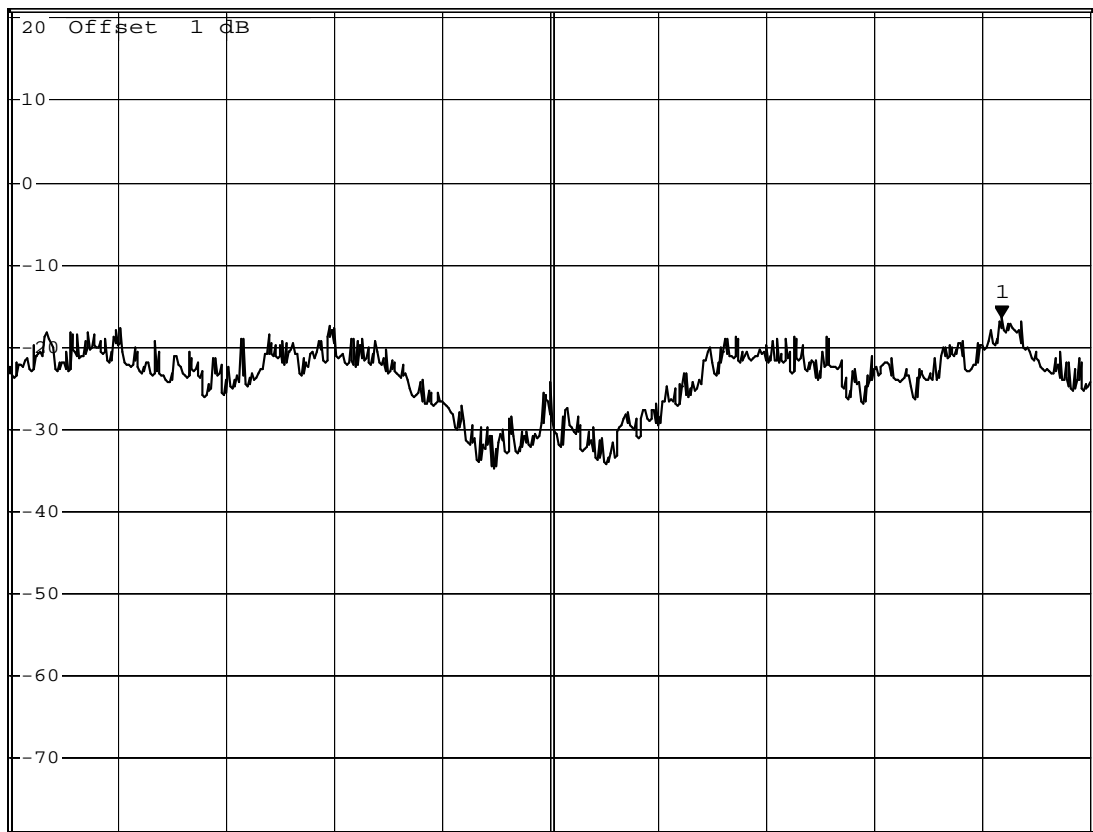
### Channel 1



\*RBW 3 kHz      Marker 1 [T1 ]  
 \*VBW 10 kHz      -16.35 dBm  
 \*SWT 500 s      2.412627000 GHz

Ref 21 dBm

\*Att 30 dB



Date: 11.NOV.2011 17:21:27

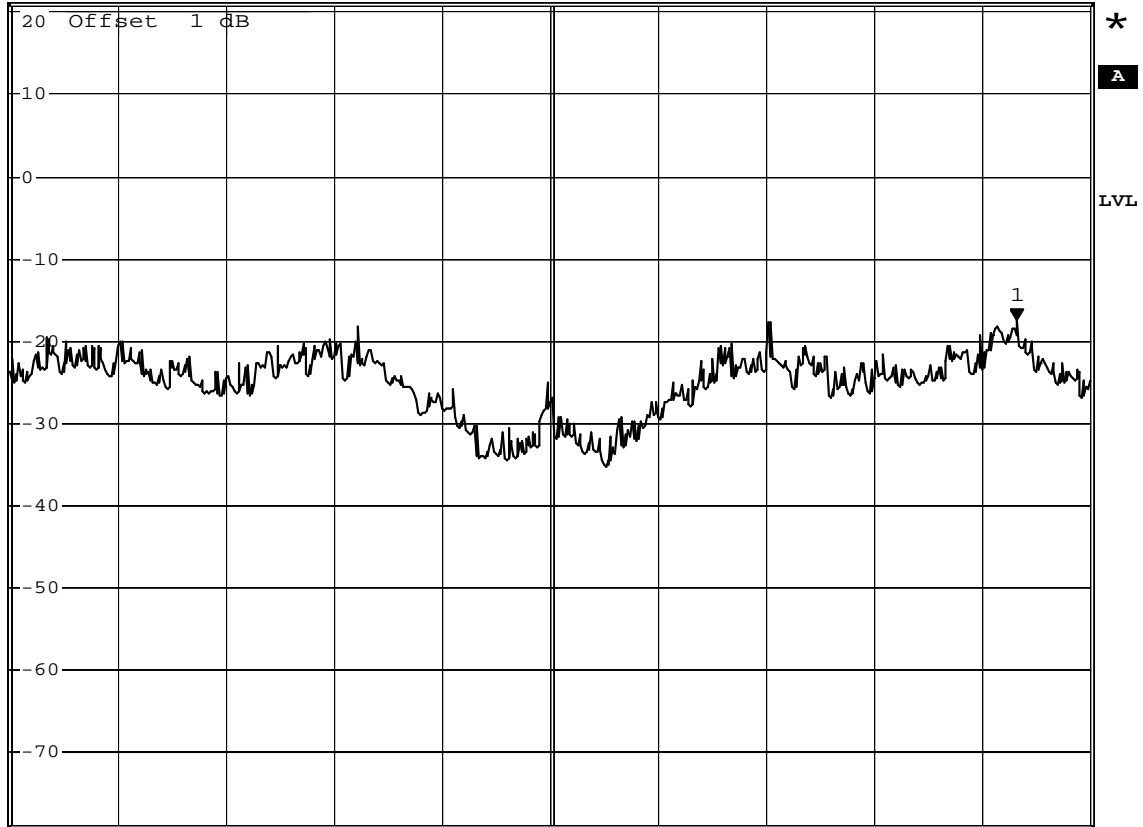
Channel 6



\*RBW 3 kHz      Marker 1 [T1 ]  
\*VBW 10 kHz      -17.52 dBm  
\*SWT 500 s      2.437648000 GHz

Ref 21 dBm      \*Att 30 dB

1 PK  
VIEW



Center 2.437 GHz      150 kHz/      Span 1.5 MHz

Date: 11.NOV.2011 17:17:41

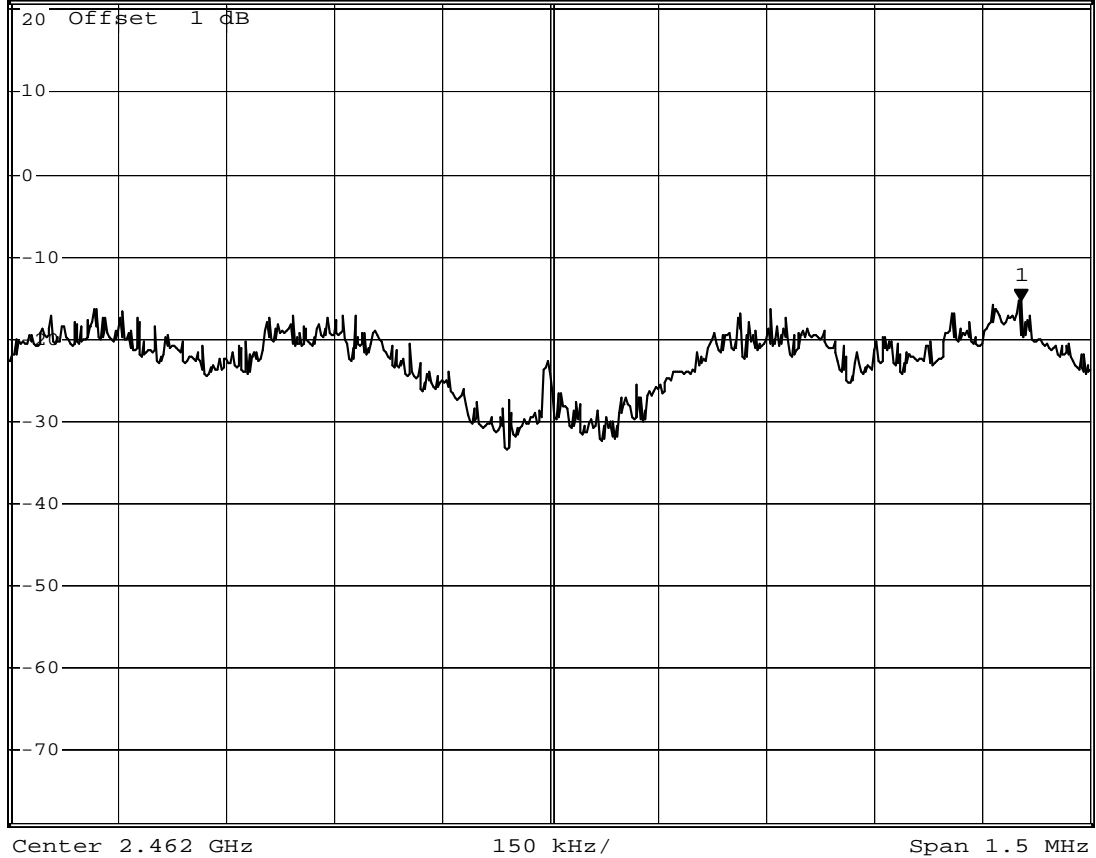
Channel 11



\*RBW 3 kHz      Marker 1 [T1 ]  
\*VBW 10 kHz      -15.37 dBm  
\*SWT 500 s      2.462654000 GHz

Ref 21 dBm

\*Att 30 dB



Date: 11.NOV.2011 17:15:25

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/12	Test Site	SR7

IEEE802.11n 20MHz(ANT 0+1+2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-11.17	≤ 8	Pass
6	2437	-12.27	≤ 8	Pass
11	2462	-10.29	≤ 8	Pass



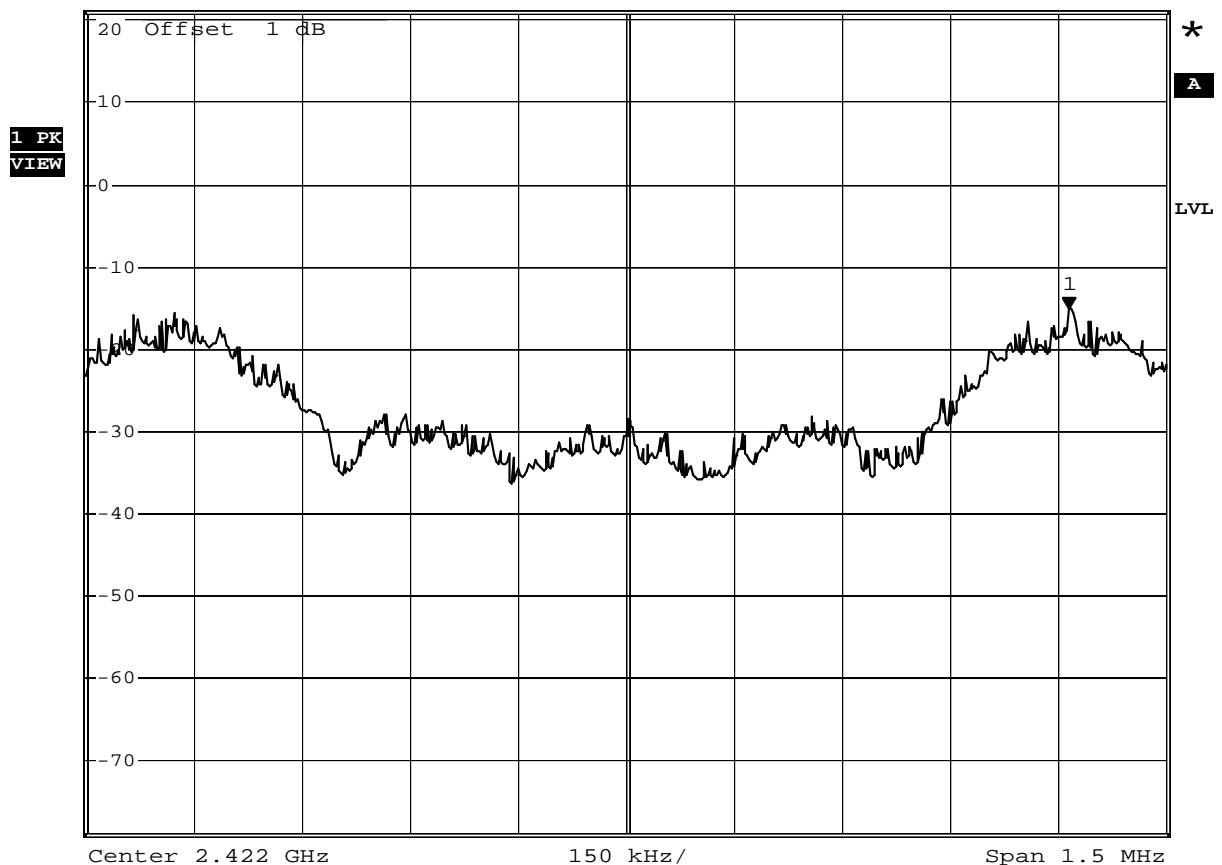
Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/12	Test Site	SR7

IEEE 802.11n_40MHz (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	-15.12	≤ 8	Pass
6	2437	-21.62	≤ 8	Pass
9	2452	-21.98	≤ 8	Pass

### Channel 3



\*RBW 3 kHz      Marker 1 [T1 ]  
 \*VBW 10 kHz      -15.12 dBm  
 \*SWT 500 s      2.422615000 GHz  
 Ref 21 dBm      \*Att 30 dB



Date: 11.NOV.2011 17:04:57

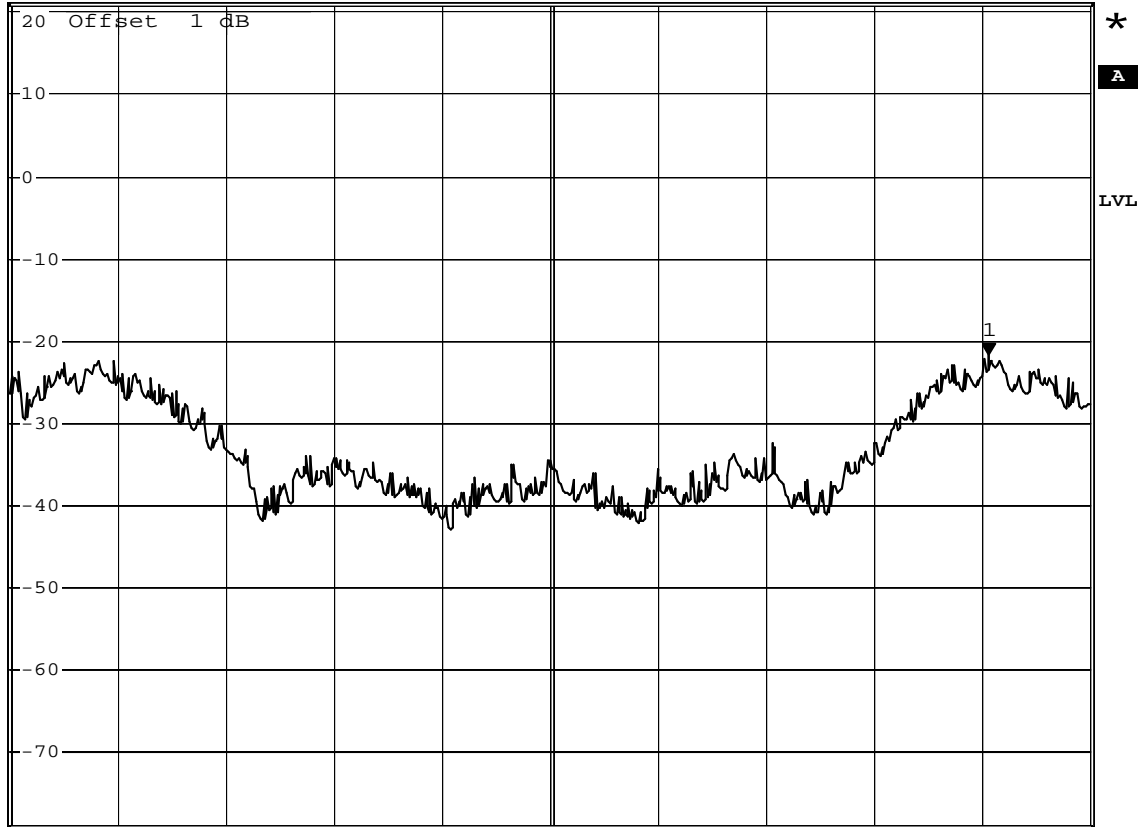
**Channel 6**



\*RBW 3 kHz      Marker 1 [T1 ]  
\*VBW 10 kHz      -21.62 dBm  
\*SWT 500 s      2.422609000 GHz

Ref 21 dBm      \*Att 30 dB

1 PK  
VIEW



Center 2.422 GHz      150 kHz/      Span 1.5 MHz

Date: 11.NOV.2011 17:10:06

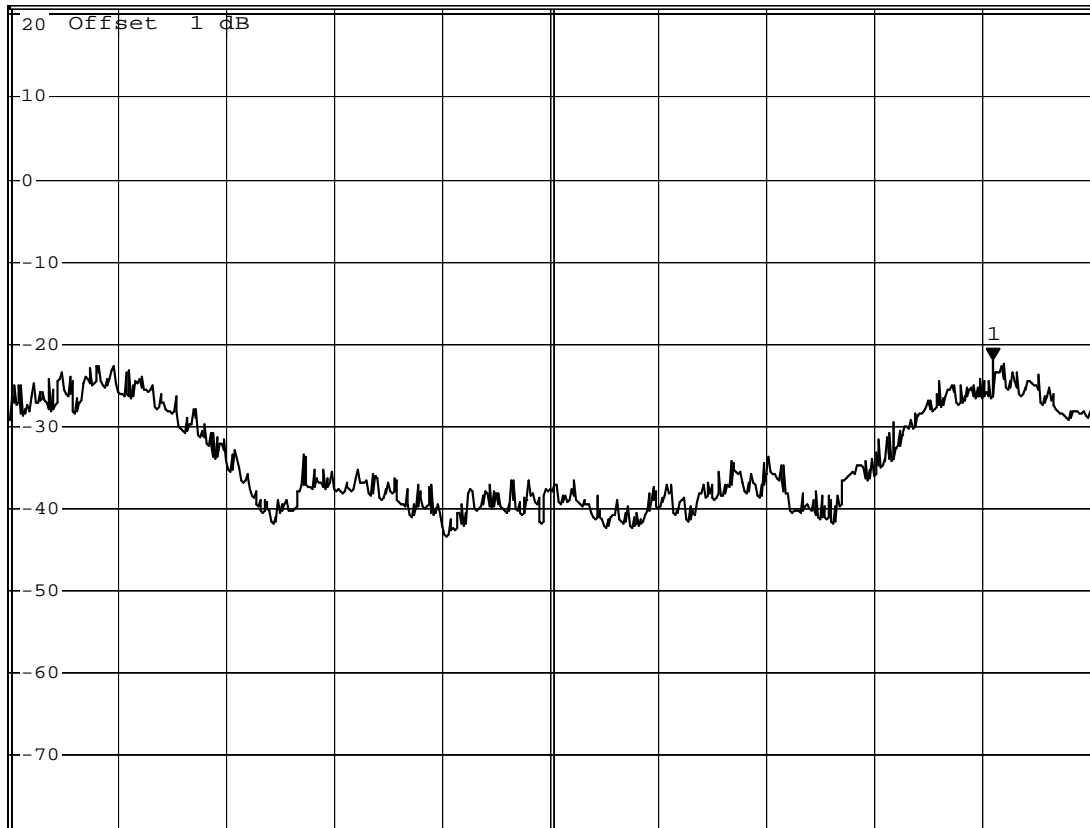
**Channel 9**



\*RBW 3 kHz      Marker 1 [T1 ]  
\*VBW 10 kHz      -21.98 dBm  
\*SWT 500 s      2.452615000 GHz

Ref 21 dBm

\*Att 30 dB



Date: 11.NOV.2011 17:11:17

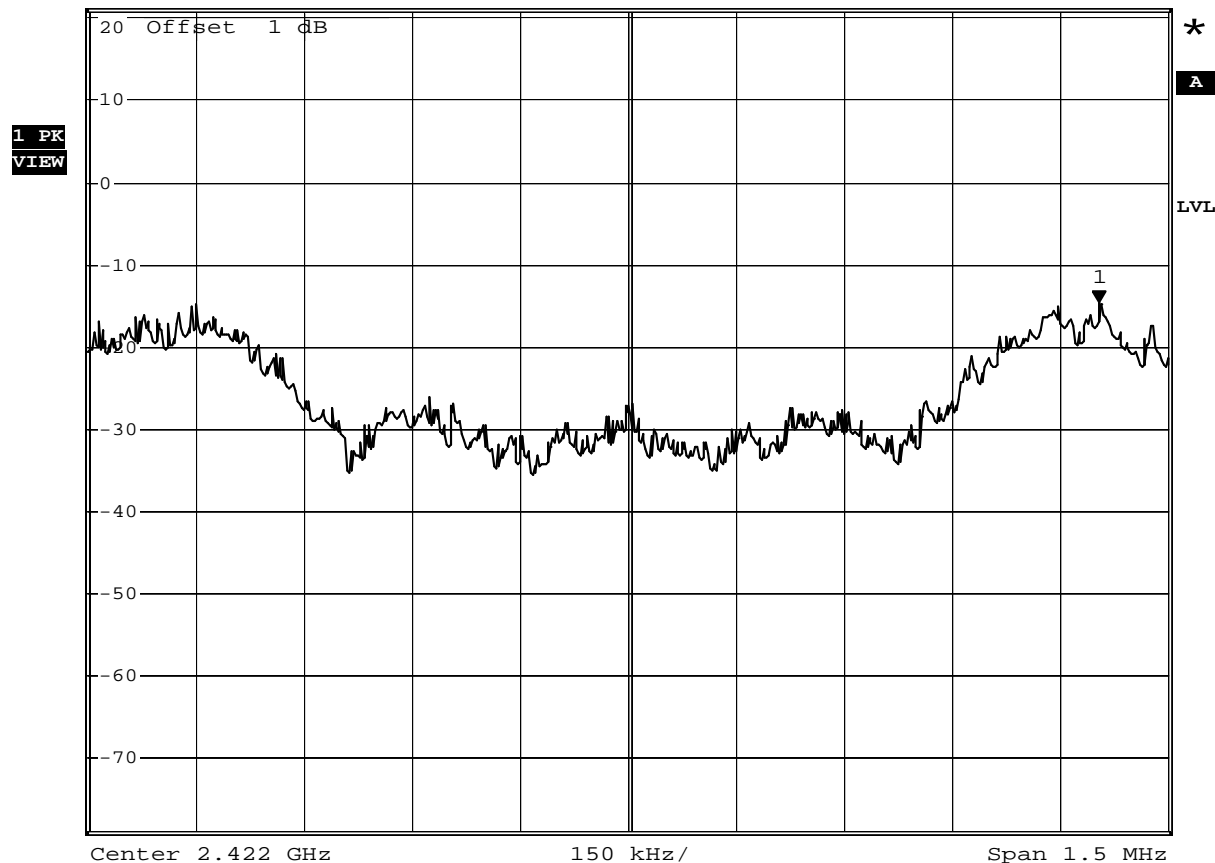
Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/12	Test Site	SR7

IEEE 802.11n_40MHz (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	-14.51	≤ 8	Pass
6	2437	-18.96	≤ 8	Pass
9	2452	-20.76	≤ 8	Pass

### Channel 3



\*RBW 3 kHz      Marker 1 [T1 ]  
 \*VBW 10 kHz      -14.51 dBm  
 \*SWT 500 s      2.422654000 GHz  
 Ref 21 dBm      \*Att 30 dB



Date: 11.NOV.2011 17:06:47

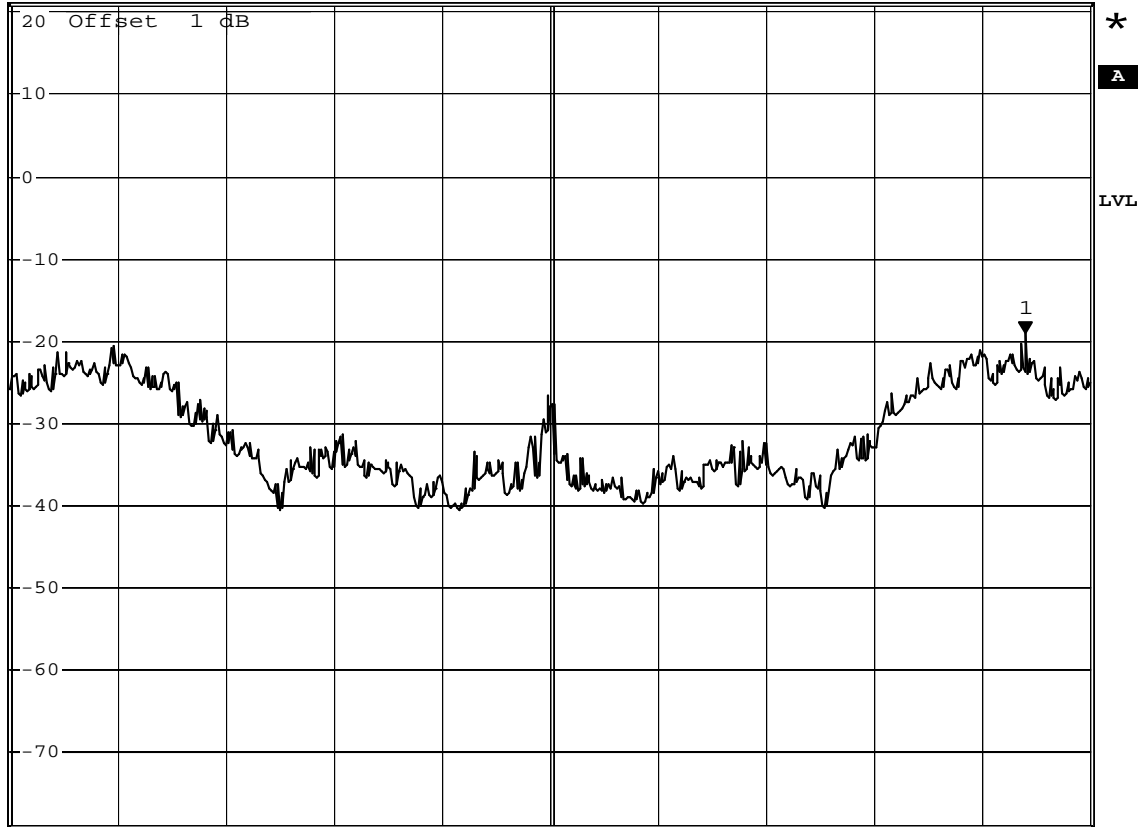
**Channel 6**



\*RBW 3 kHz      Marker 1 [T1 ]  
\*VBW 10 kHz      -18.96 dBm  
\*SWT 500 s      2.437660000 GHz

Ref 21 dBm      \*Att 30 dB

1 PK  
VIEW



Date: 11.NOV.2011 17:07:47

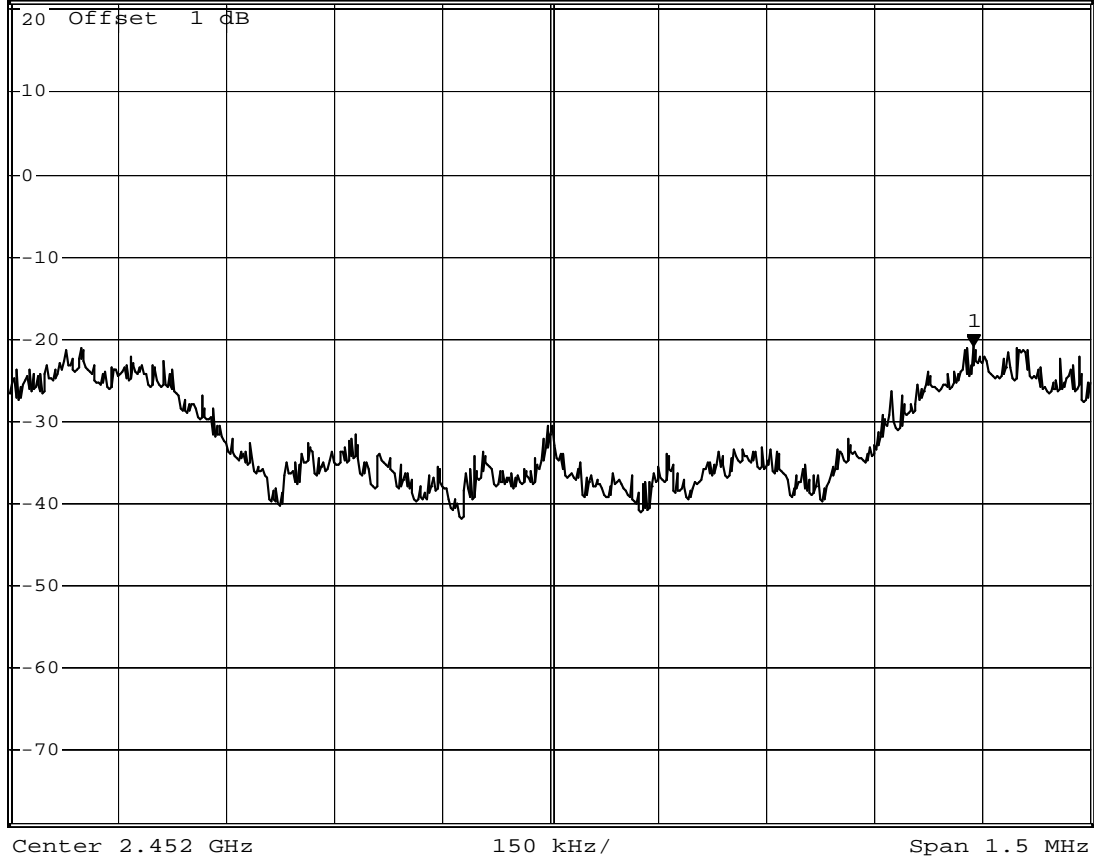
**Channel 9**



\*RBW 3 kHz      Marker 1 [T1 ]  
\*VBW 10 kHz      -20.76 dBm  
\*SWT 500 s      2.452588000 GHz

Ref 21 dBm

\*Att 30 dB



Date: 11.NOV.2011 17:12:51

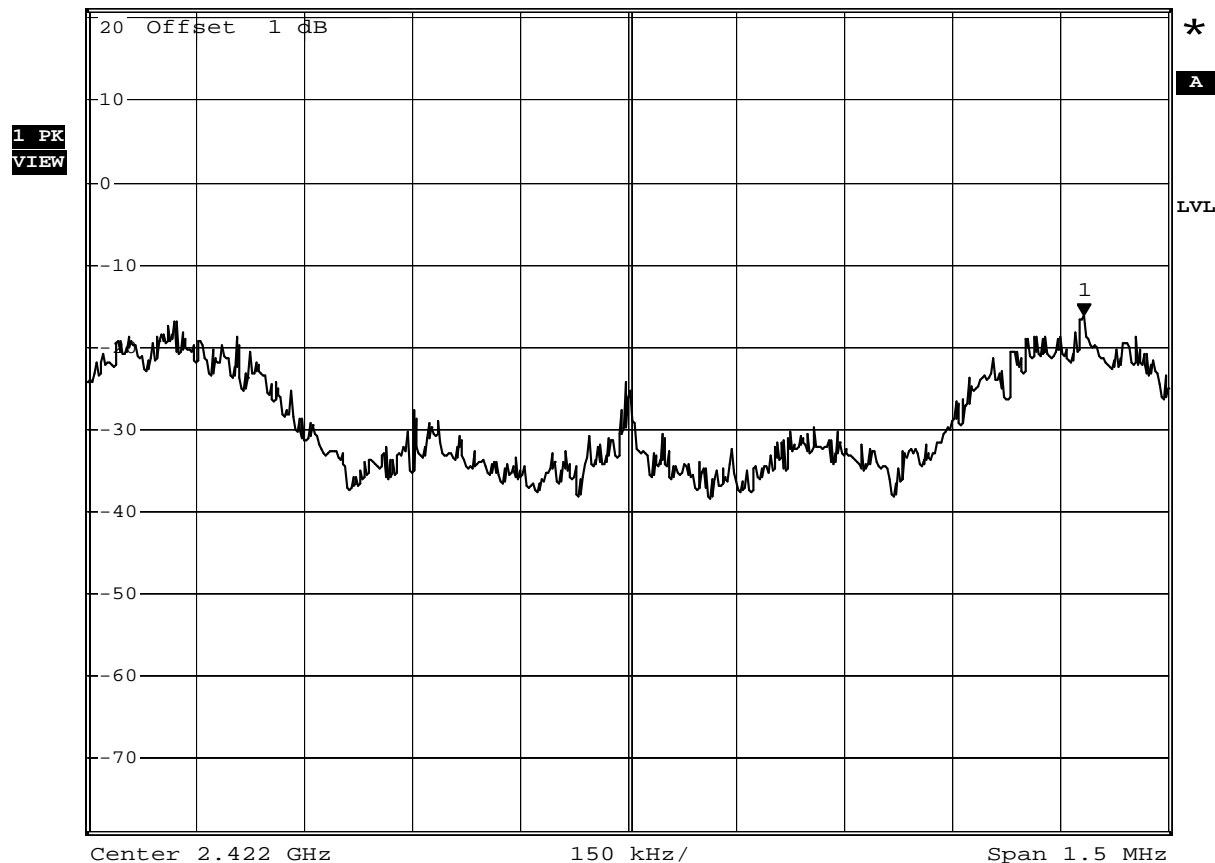
Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/12	Test Site	SR7

IEEE 802.11n_40MHz (ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	-16.24	≤ 8	Pass
6	2437	-21.88	≤ 8	Pass
9	2452	-22.61	≤ 8	Pass

### Channel 3



\*RBW 3 kHz      Marker 1 [T1 ]  
 \*VBW 10 kHz      -16.24 dBm  
 \*SWT 500 s      2.422633000 GHz  
 Ref 21 dBm      \*Att 30 dB



Date: 11.NOV.2011 17:06:00

**Channel 6**

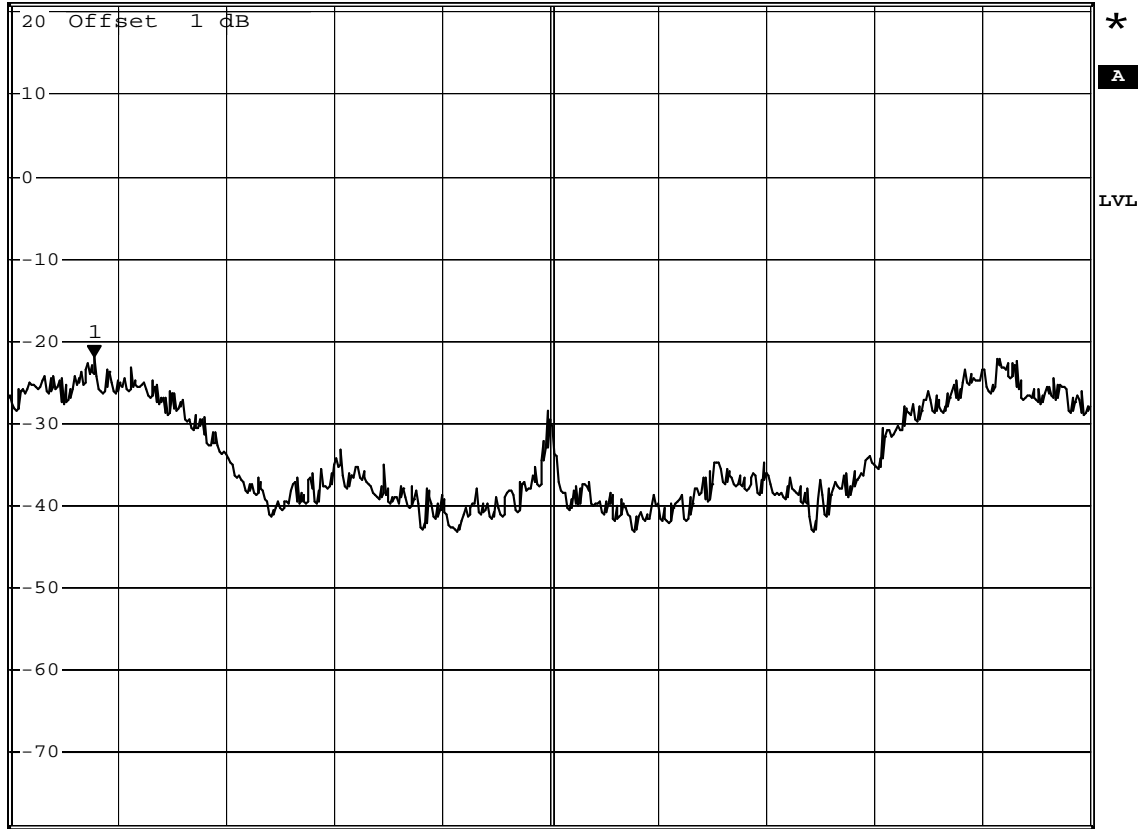


\*RBW 3 kHz      Marker 1 [T1 ]  
\*VBW 10 kHz      -21.88 dBm  
\*SWT 500 s      2.436367000 GHz

Ref 21 dBm

\*Att 30 dB

1 PK  
VIEW



Center 2.437 GHz

150 kHz/

Span 1.5 MHz

Date: 11.NOV.2011 17:08:25



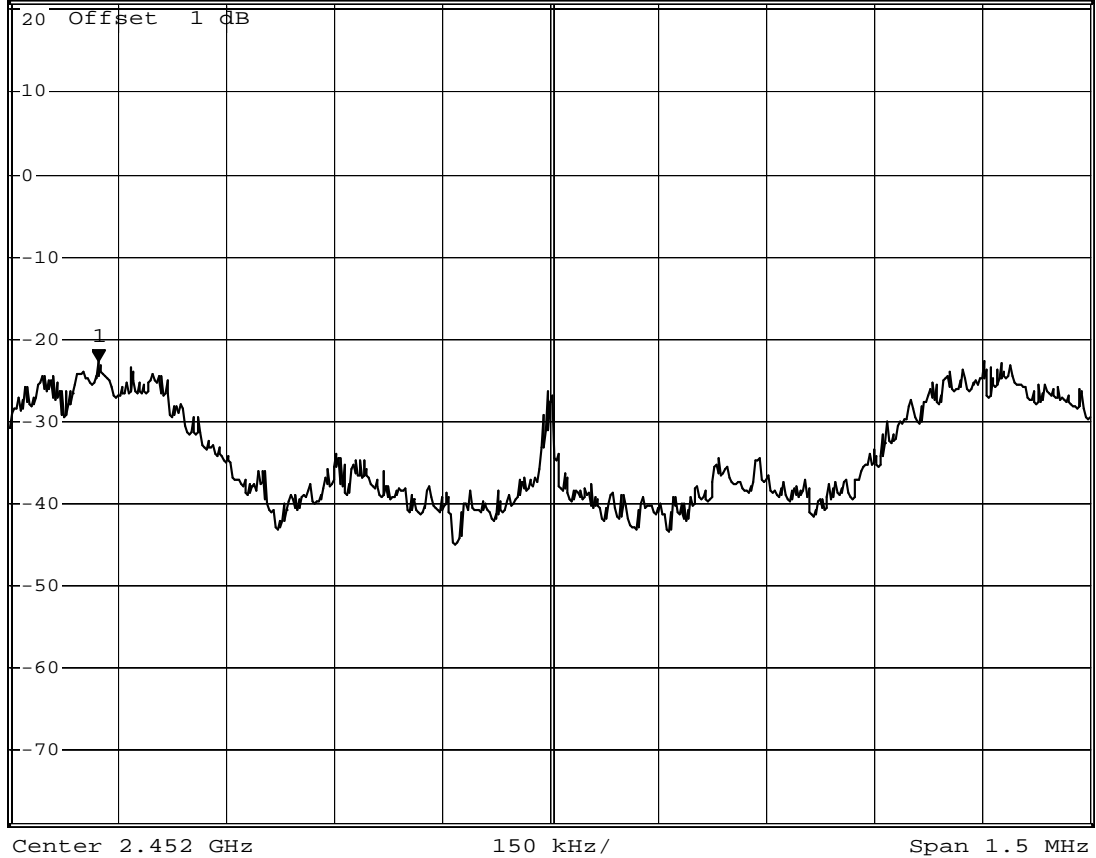
**Channel 9**



\*RBW 3 kHz      Marker 1 [T1 ]  
\*VBW 10 kHz      -22.61 dBm  
\*SWT 500 s      2.451373000 GHz

Ref 21 dBm

\*Att 30 dB



Date: 11.NOV.2011 17:12:11

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/12	Test Site	SR7

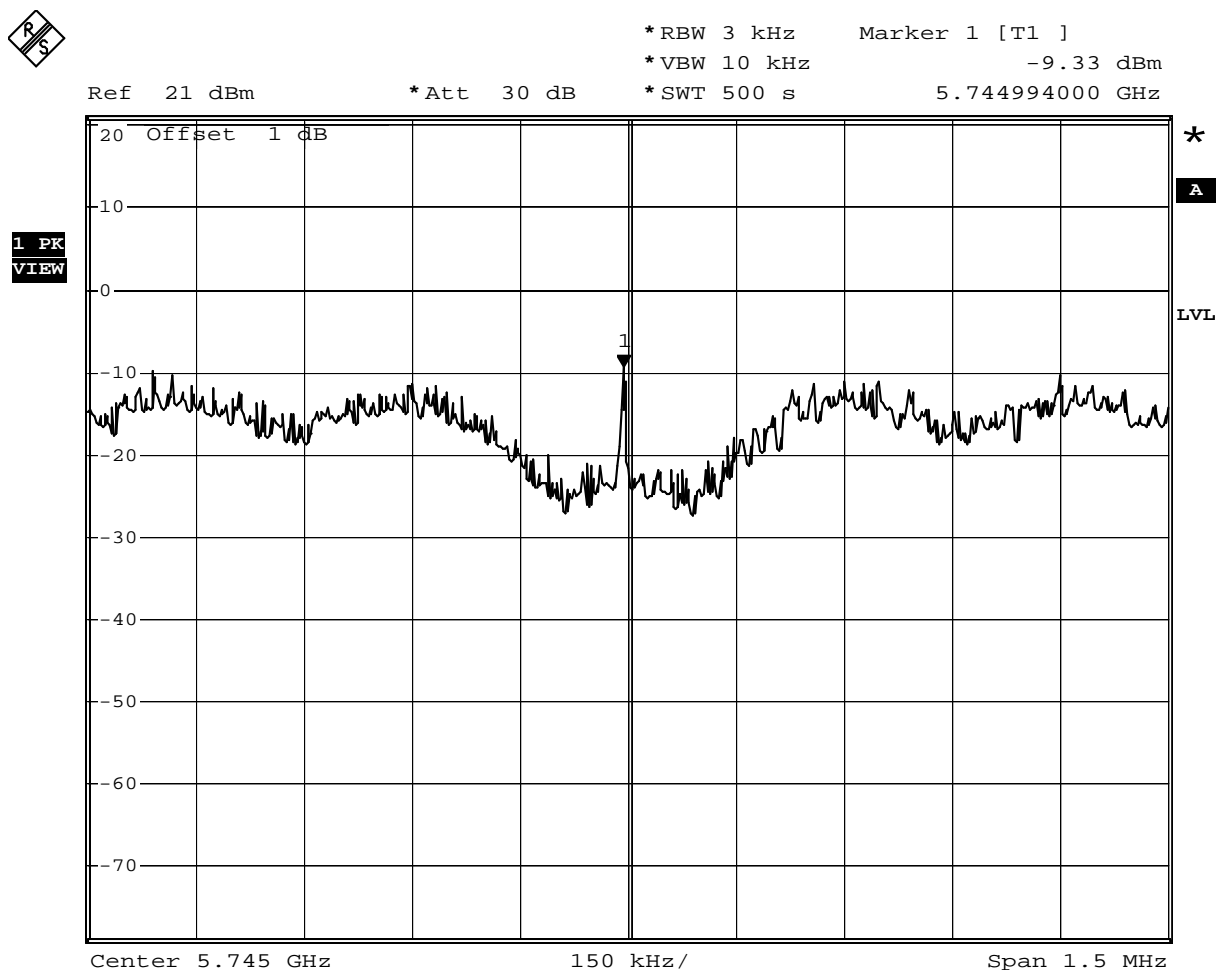
IEEE802.11n 40MHz(ANT 0+1+2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	-10.46	$\leq 8$	Pass
6	2437	-15.84	$\leq 8$	Pass
9	2452	-16.94	$\leq 8$	Pass

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/12	Test Site	SR7

IEEE 802.11a				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	-9.33	≤ 8	Pass
157	5785	-10.85	≤ 8	Pass
165	5825	-11.41	≤ 8	Pass

### Channel 149



Date: 12.NOV.2011 11:08:57

**Channel 157**

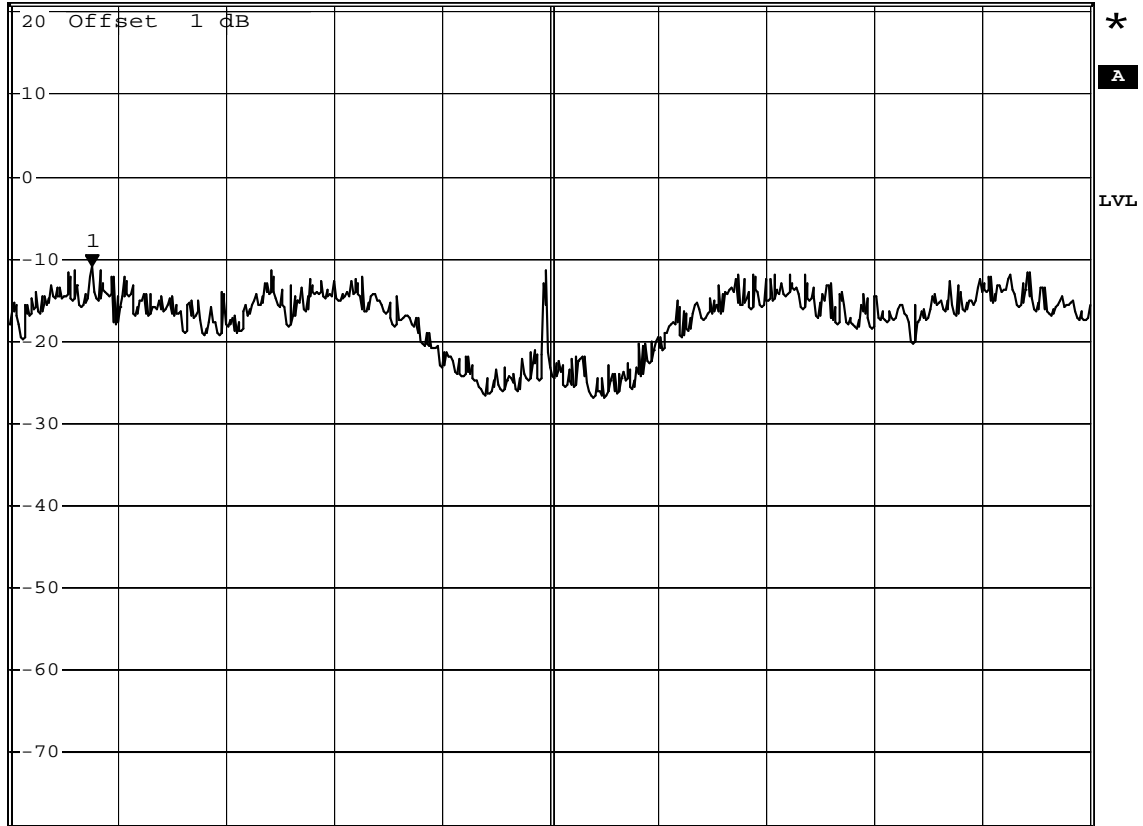


\*RBW 3 kHz      Marker 1 [T1 ]  
\*VBW 10 kHz      -10.85 dBm  
\*SWT 500 s      5.784364000 GHz

Ref 21 dBm

\*Att 30 dB

1 PK  
VIEW



Center 5.785 GHz

150 kHz/

Span 1.5 MHz

Date: 12.NOV.2011 11:10:06

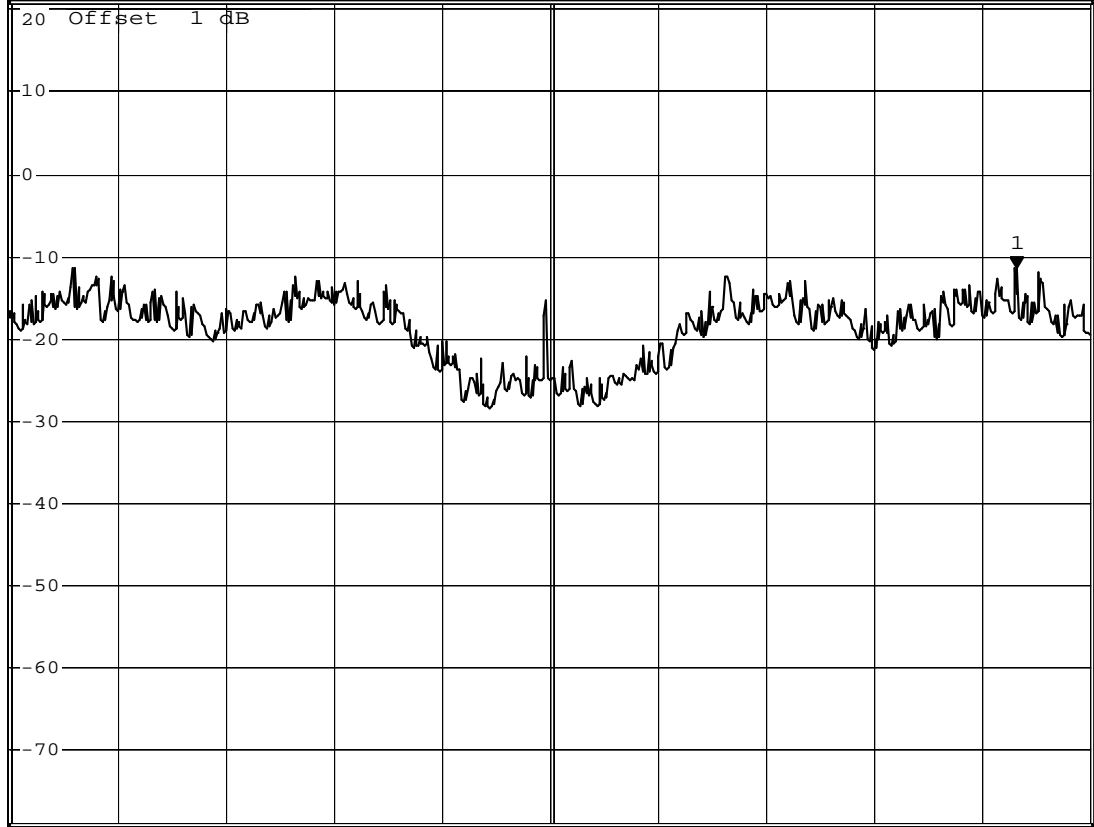
**Channel 165**



\*RBW 3 kHz      Marker 1 [T1 ]  
\*VBW 10 kHz      -11.41 dBm  
\*SWT 500 s      5.825648000 GHz

Ref 21 dBm

\*Att 30 dB



Center 5.825 GHz

150 kHz/

Span 1.5 MHz

Date: 12.NOV.2011 11:10:44

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/12	Test Site	SR7

IEEE802.11n_20MHz_(ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	-12.03	≤ 8	Pass
157	5785	-12.78	≤ 8	Pass
165	5825	-12.57	≤ 8	Pass

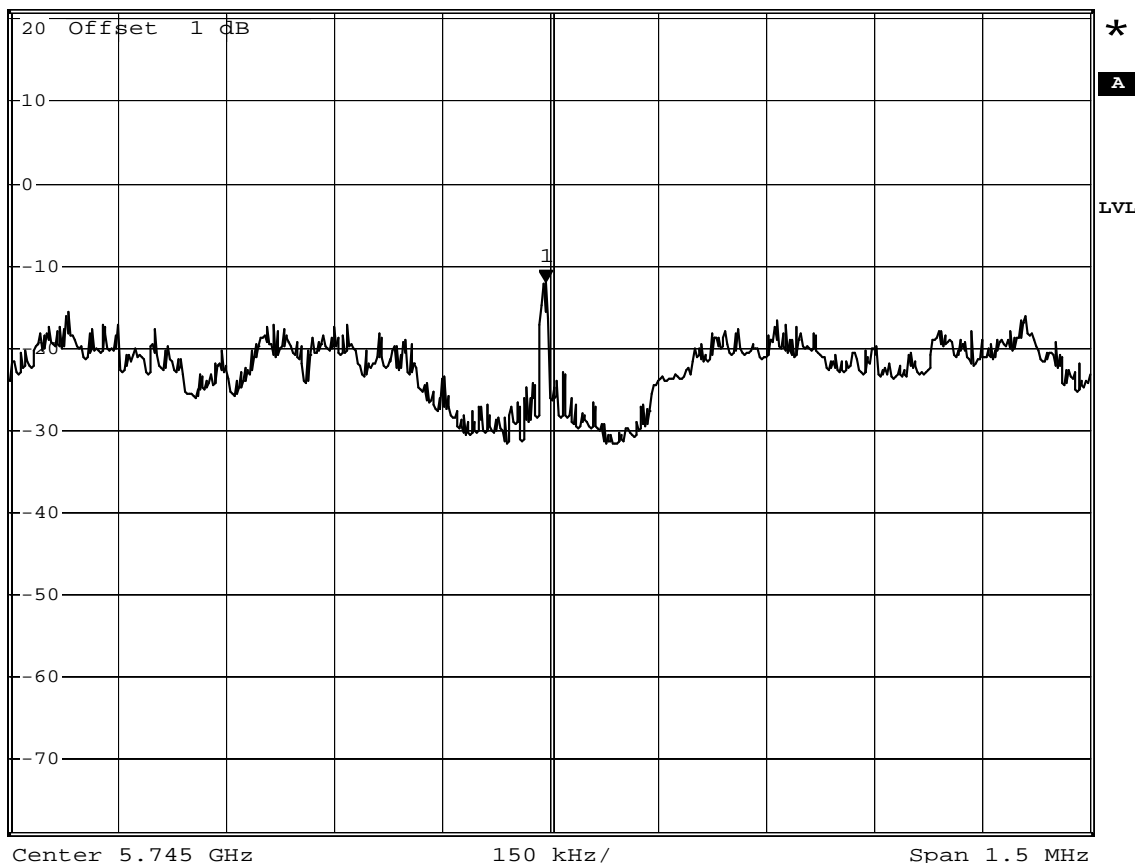
### Channel 149



\*RBW 3 kHz      Marker 1 [T1 ]  
 \*VBW 10 kHz      -12.03 dBm  
 \*SWT 500 s      5.744994000 GHz

Ref 21 dBm

\*Att 30 dB



Date: 12.NOV.2011 11:15:06

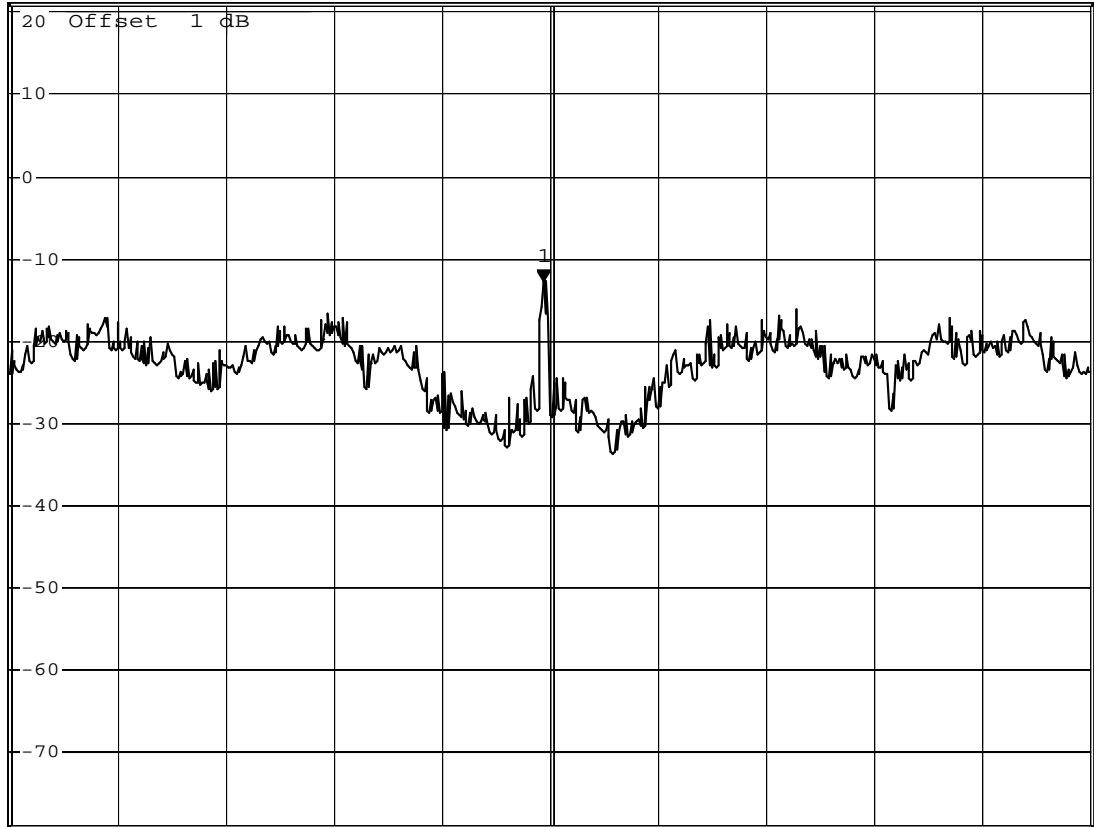
Channel 157



\*RBW 3 kHz      Marker 1 [T1 ]  
\*VBW 10 kHz      -12.78 dBm  
\*SWT 500 s      5.784991000 GHz

Ref 21 dBm

\*Att 30 dB



Date: 12.NOV.2011 11:14:17

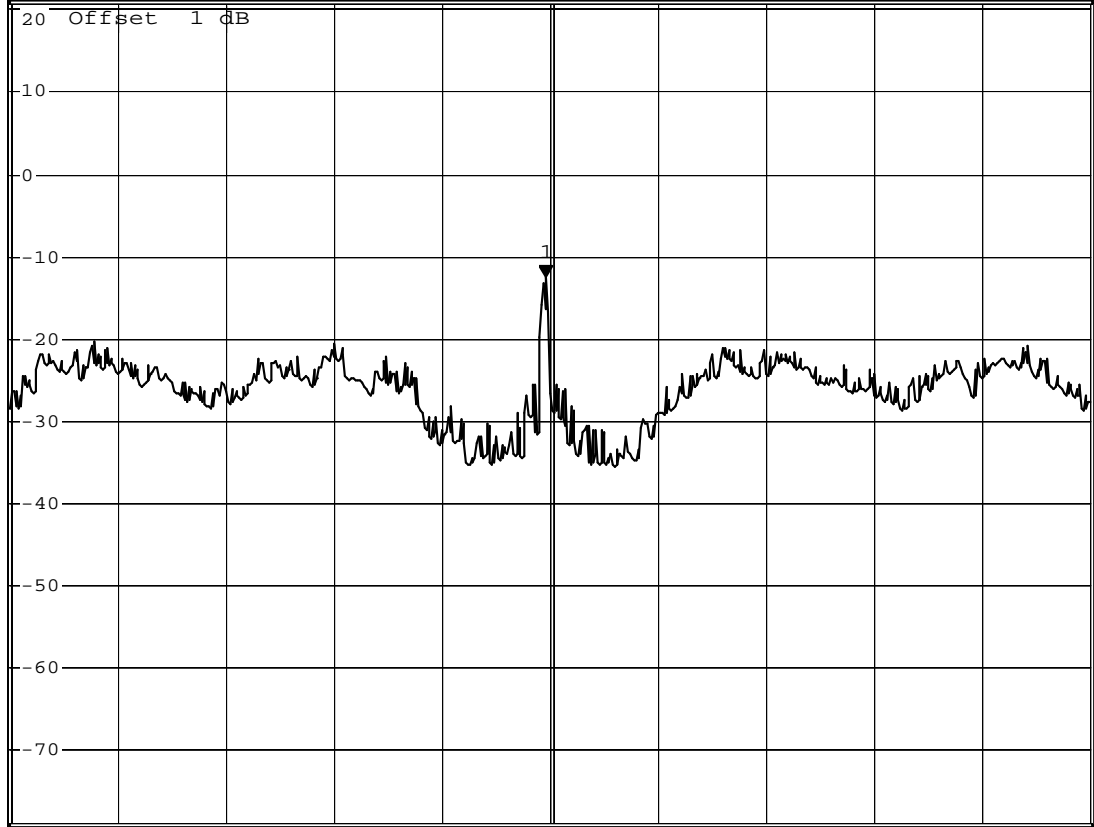
**Channel 165**



\*RBW 3 kHz      Marker 1 [T1 ]  
\*VBW 10 kHz      -12.57 dBm  
\*SWT 500 s      5.824994000 GHz

Ref 21 dBm

\*Att 30 dB



Center 5.825 GHz

150 kHz/

Span 1.5 MHz

Date: 12.NOV.2011 11:11:30



Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/12	Test Site	SR7

IEEE802.11n_20MHz_(ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	-15.10	≤ 8	Pass
157	5785	-17.44	≤ 8	Pass
165	5825	-20.40	≤ 8	Pass

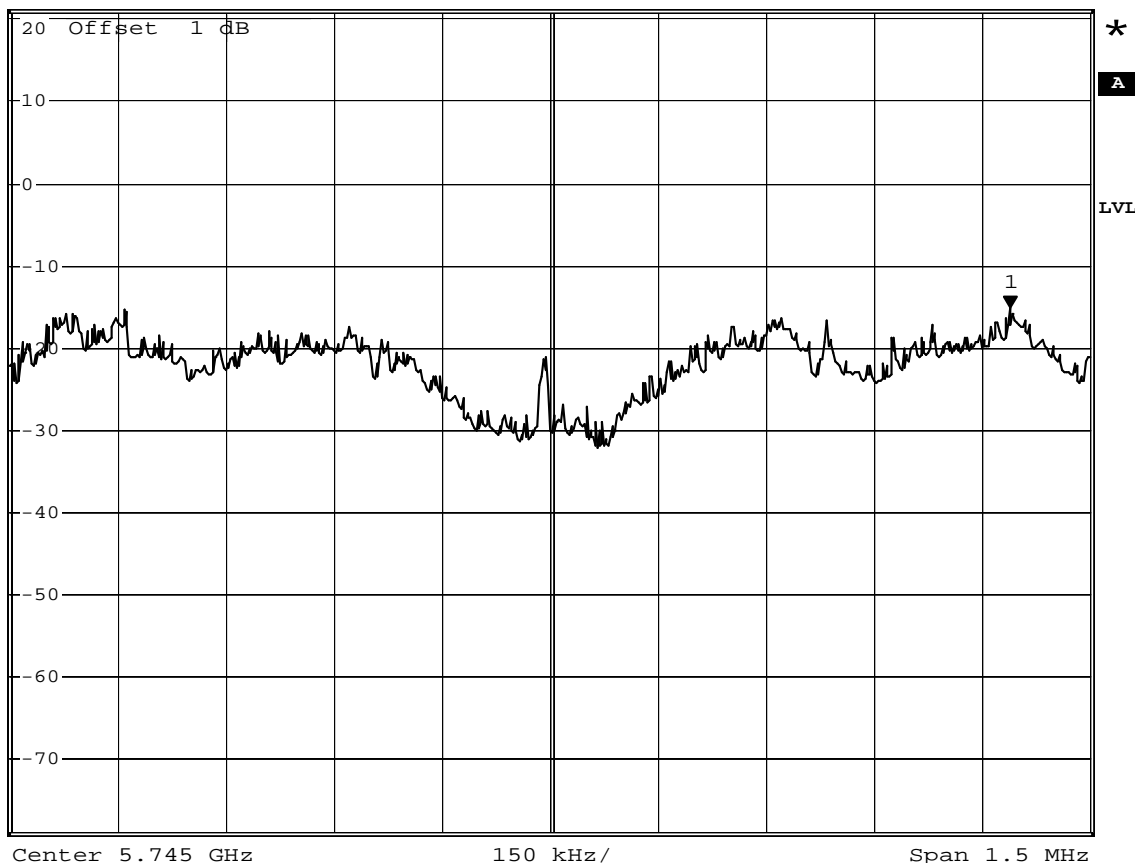
### Channel 149



\*RBW 3 kHz      Marker 1 [T1 ]  
 \*VBW 10 kHz      -15.10 dBm  
 \*SWT 500 s      5.745639000 GHz

Ref 21 dBm

\*Att 30 dB



Date: 12.NOV.2011 11:16:27

Channel 157

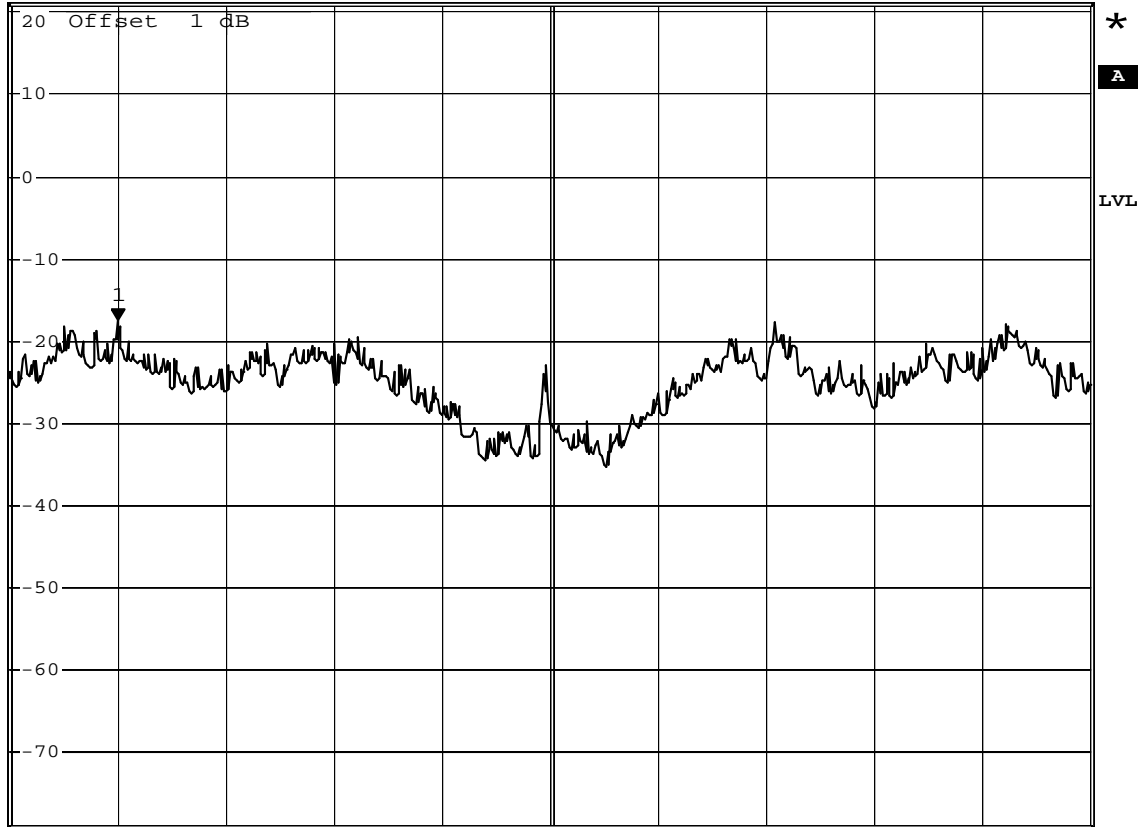


\*RBW 3 kHz      Marker 1 [T1 ]  
\*VBW 10 kHz      -17.44 dBm  
\*SWT 500 s      5.784400000 GHz

Ref 21 dBm

\*Att 30 dB

1 PK  
VIEW



Date: 12.NOV.2011 11:13:22

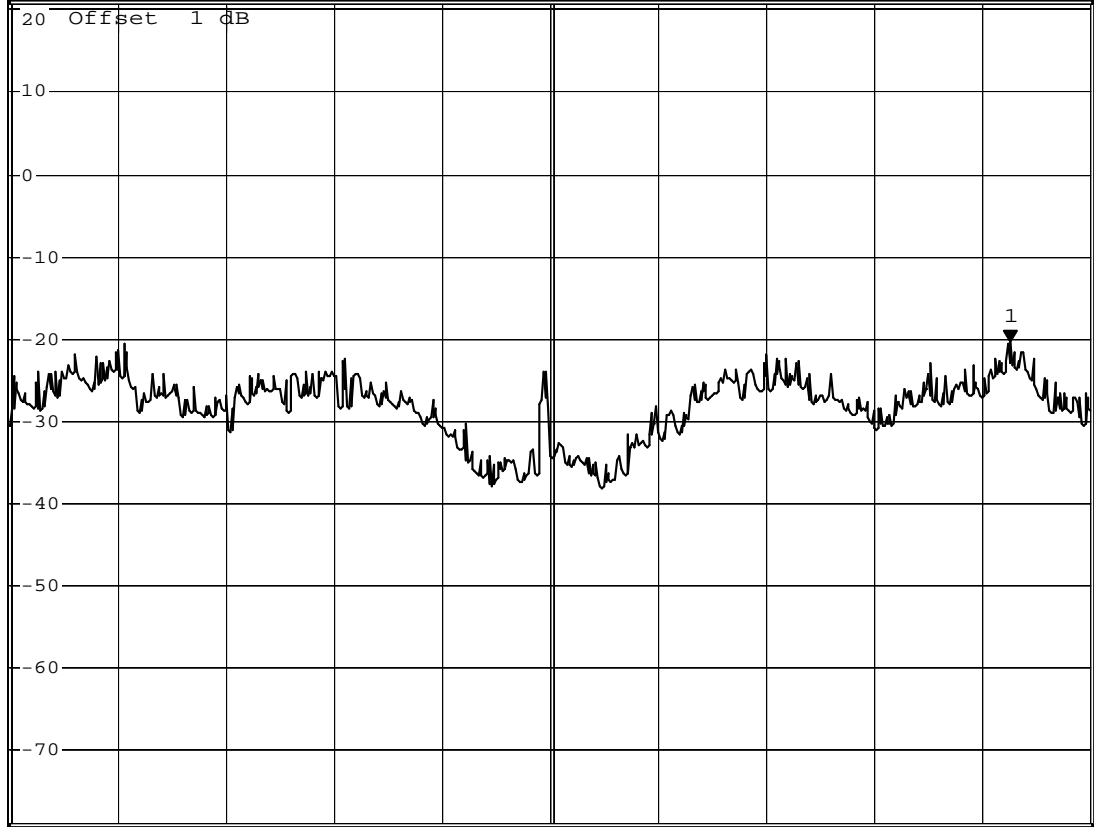
**Channel 165**



\*RBW 3 kHz      Marker 1 [T1 ]  
\*VBW 10 kHz      -20.40 dBm  
\*SWT 500 s      5.825639000 GHz

Ref 21 dBm

\*Att 30 dB



Center 5.825 GHz

150 kHz/

Span 1.5 MHz

Date: 12.NOV.2011 11:12:34

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/12	Test Site	SR7

IEEE802.11n_20MHz_(ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	-13.04	≤ 8	Pass
157	5785	-16.54	≤ 8	Pass
165	5825	-16.78	≤ 8	Pass

### Channel 149



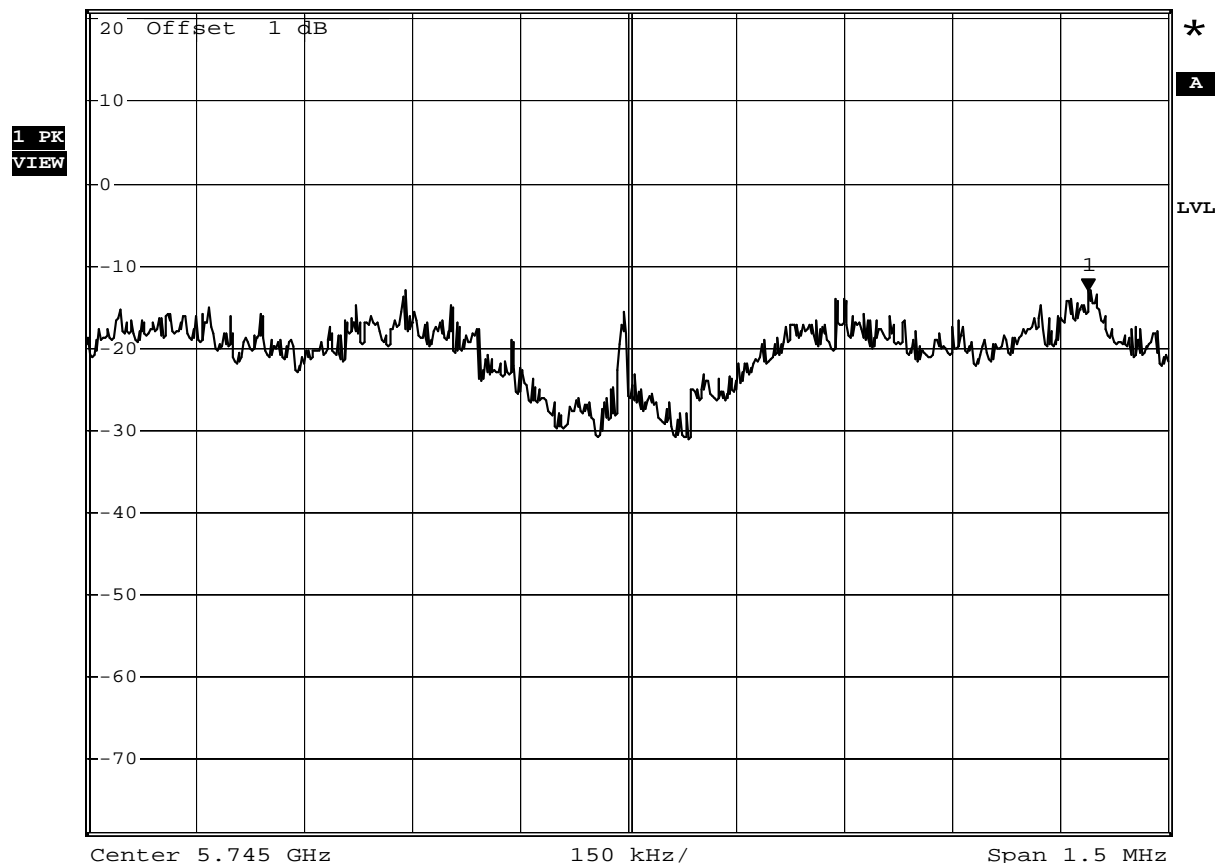
\*RBW 3 kHz      Marker 1 [T1 ]  
 \*VBW 10 kHz      -13.04 dBm  
 \*Att 30 dB      \*SWT 500 s      5.745639000 GHz

Ref 21 dBm

\*Att 30 dB

\*SWT 500 s

5.745639000 GHz



Date: 12.NOV.2011 11:15:56

Channel 157

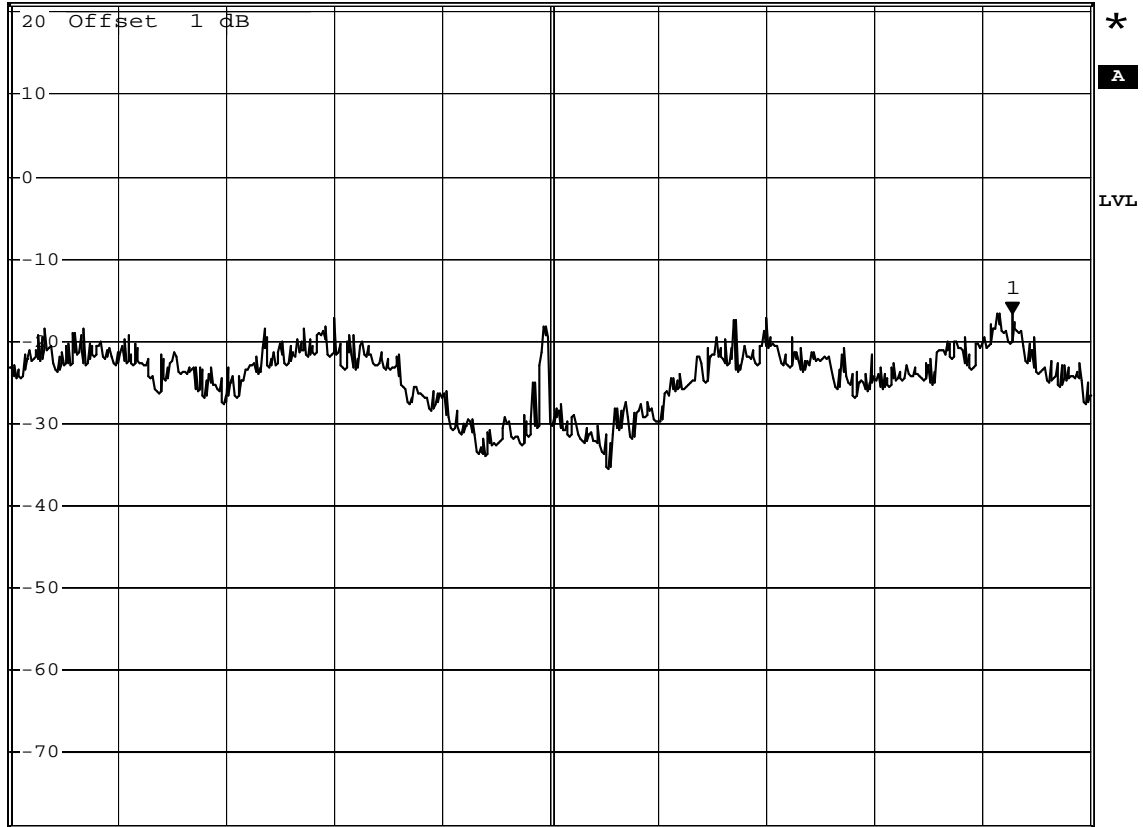


\*RBW 3 kHz      Marker 1 [T1 ]  
\*VBW 10 kHz      -16.54 dBm  
\*SWT 500 s      5.785642000 GHz

Ref 21 dBm

\*Att 30 dB

1 PK  
VIEW



Center 5.785 GHz

150 kHz/

Span 1.5 MHz

Date: 12.NOV.2011 11:13:48

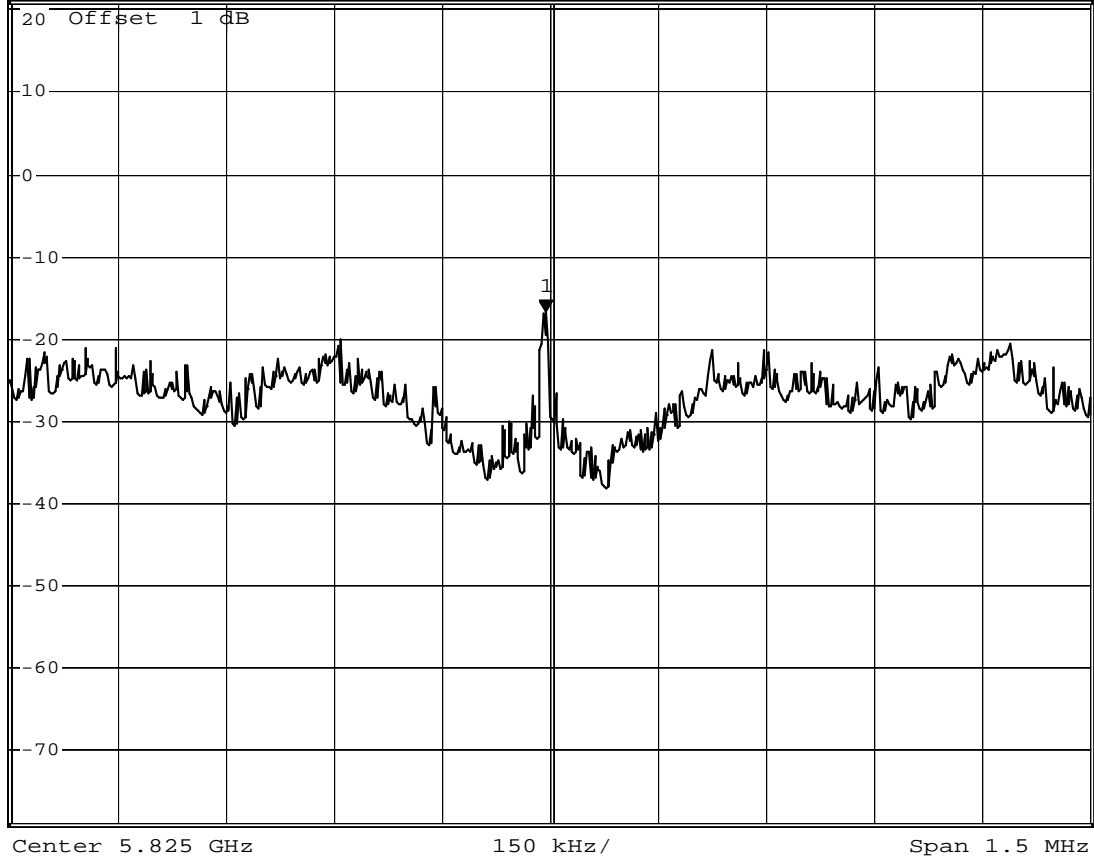
Channel 165



\*RBW 3 kHz      Marker 1 [T1 ]  
\*VBW 10 kHz      -16.78 dBm  
\*SWT 500 s      5.824994000 GHz

Ref 21 dBm

\*Att 30 dB



Date: 12.NOV.2011 11:12:07

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/12	Test Site	SR7

IEEE802.11n 20MHz(ANT 0+1+2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	-8.44	$\leq 8$	Pass
157	5785	-10.32	$\leq 8$	Pass
165	5825	-10.68	$\leq 8$	Pass





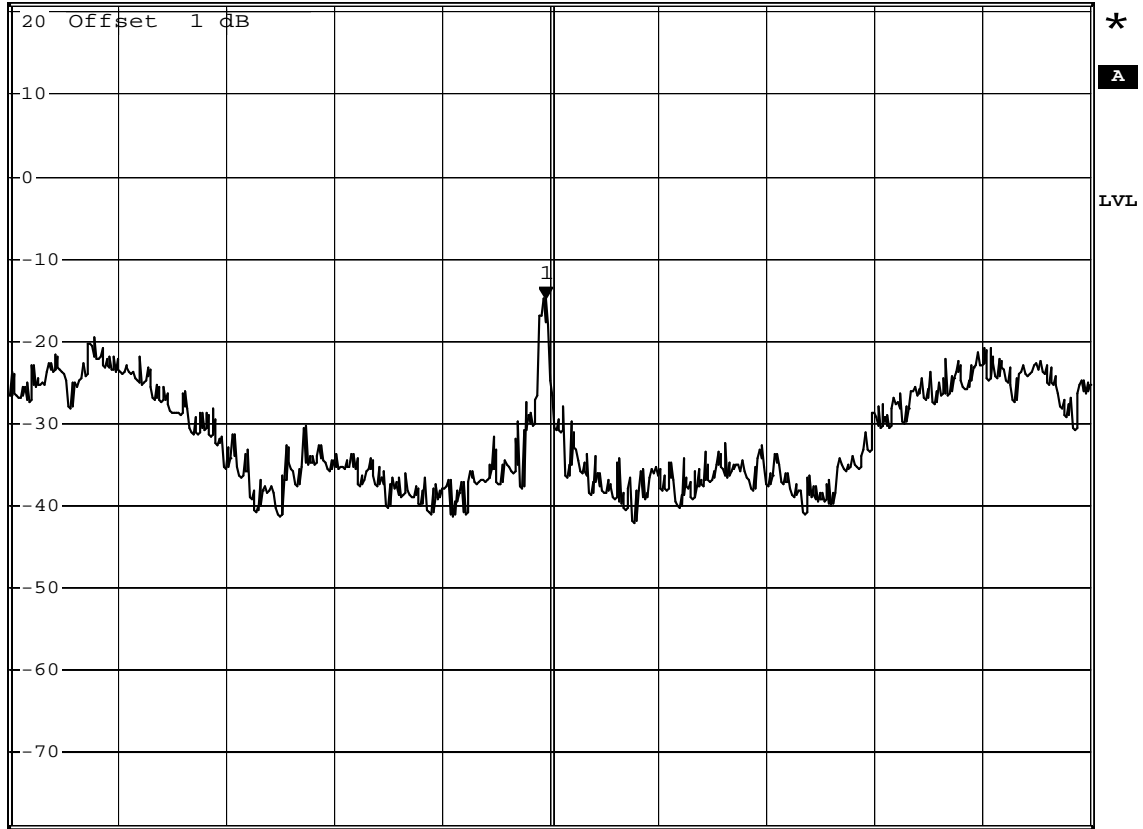
**Channel 159**



\*RBW 3 kHz      Marker 1 [T1 ]  
\*VBW 10 kHz      -14.87 dBm  
\*SWT 500 s      5.794994000 GHz

Ref 21 dBm      \*Att 30 dB

1 PK  
VIEW



Date: 12.NOV.2011 11:20:10

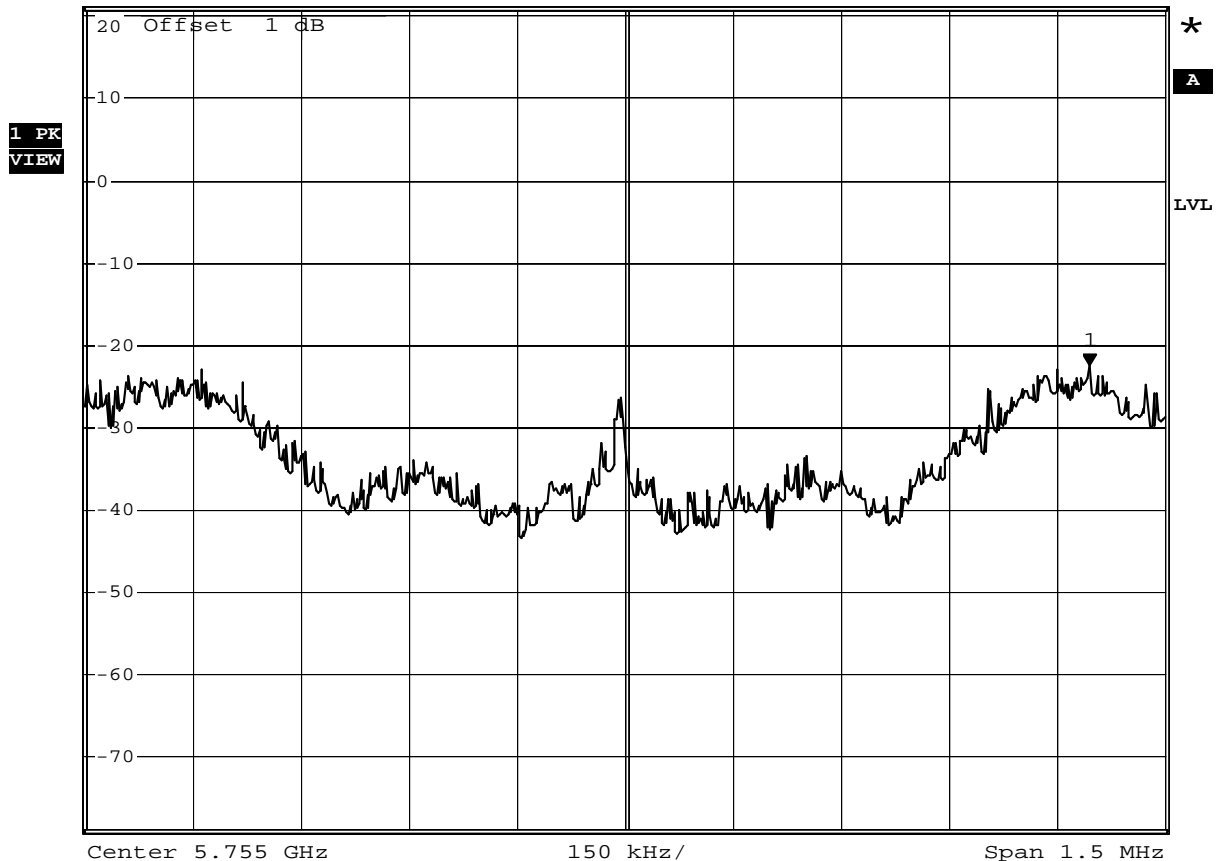
Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/12	Test Site	SR7

IEEE 802.11n_40MHz (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	-22.49	≤ 8	Pass
159	5795	-20.99	≤ 8	Pass

### Channel 151



Ref 21 dBm      \*Att 30 dB      \*RBW 3 kHz      Marker 1 [T1]      -22.49 dBm  
 \*VBW 10 kHz      5.755645000 GHz  
 \*SWT 500 s



Date: 12.NOV.2011 11:17:45

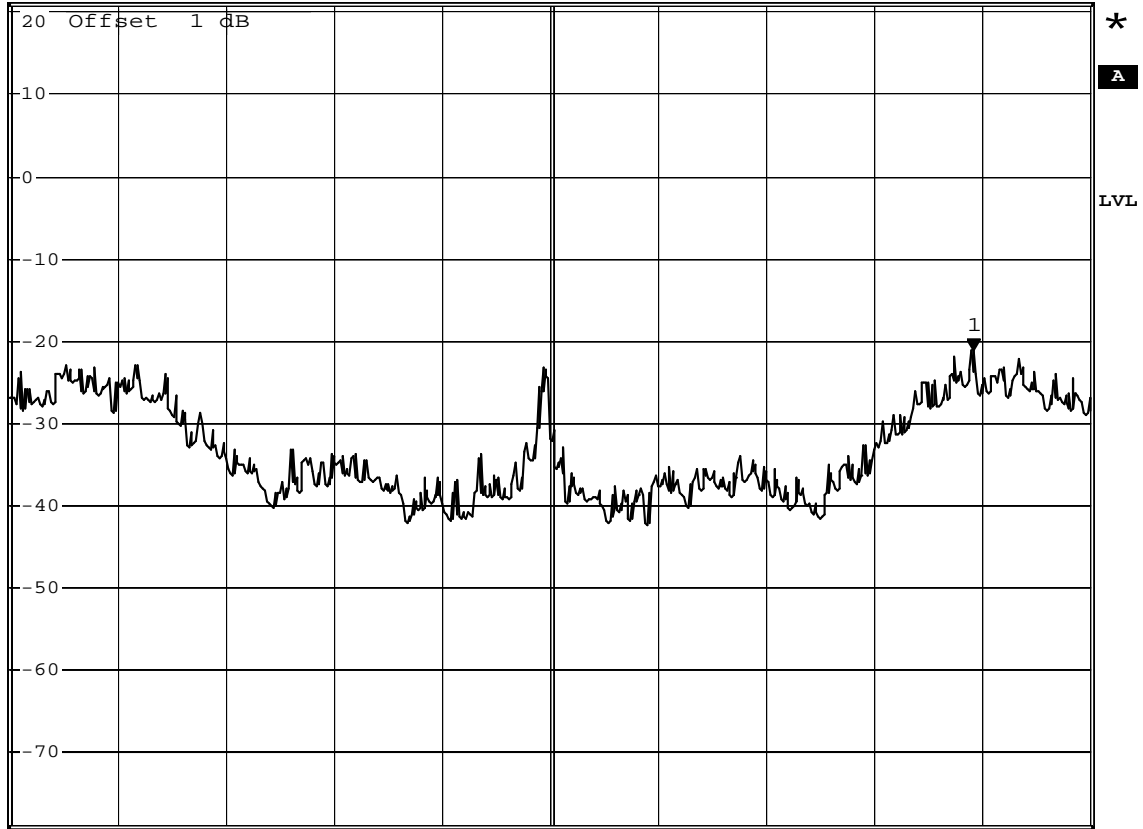
**Channel 159**



\*RBW 3 kHz      Marker 1 [T1 ]  
\*VBW 10 kHz      -20.99 dBm  
\*SWT 500 s      5.795588000 GHz

Ref 21 dBm      \*Att 30 dB

1 PK  
VIEW



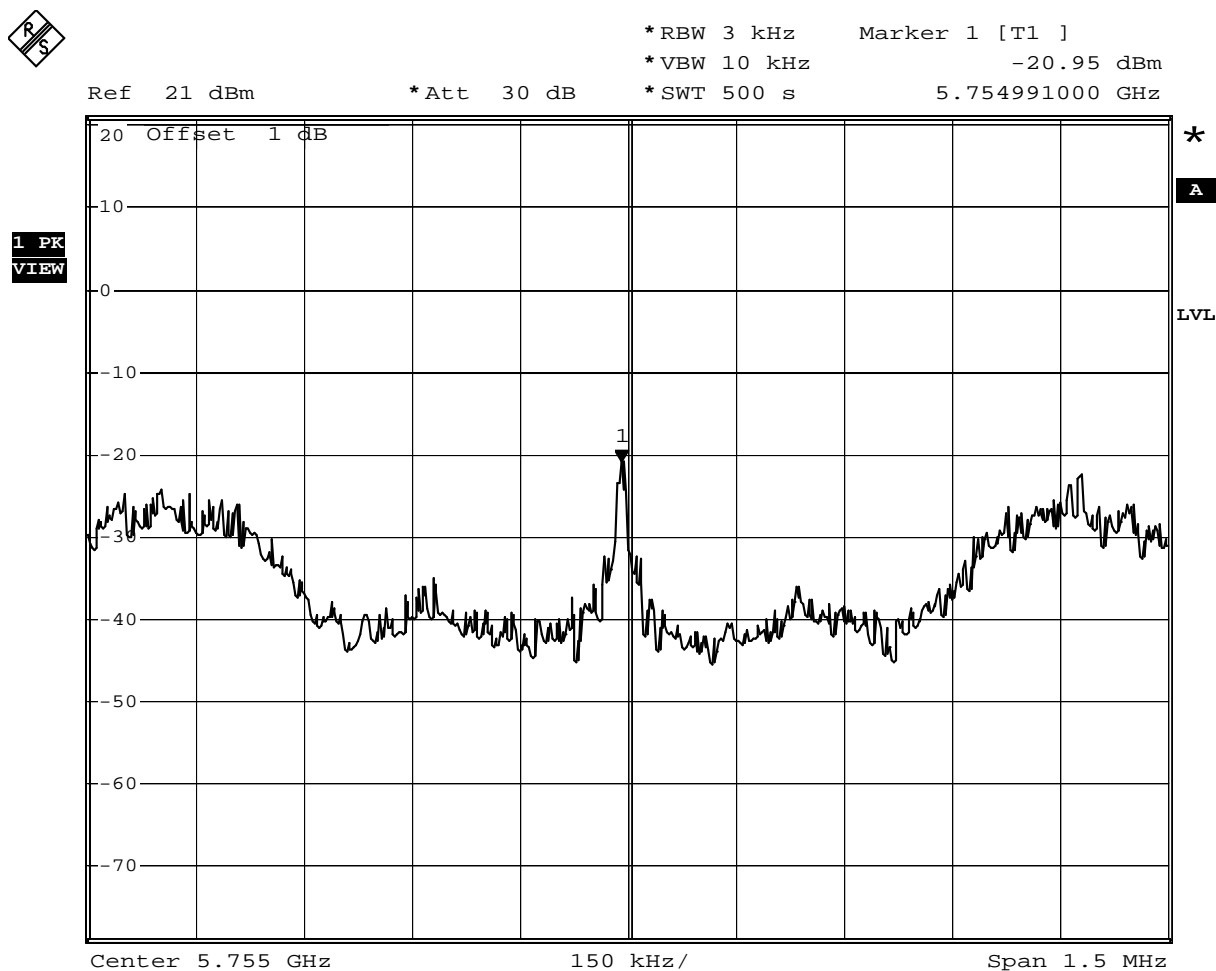
Center 5.795 GHz      150 kHz/      Span 1.5 MHz

Date: 12.NOV.2011 11:21:07

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/12	Test Site	SR7

IEEE 802.11n_40MHz (ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	-20.95	≤ 8	Pass
159	5795	-20.38	≤ 8	Pass

### Channel 151



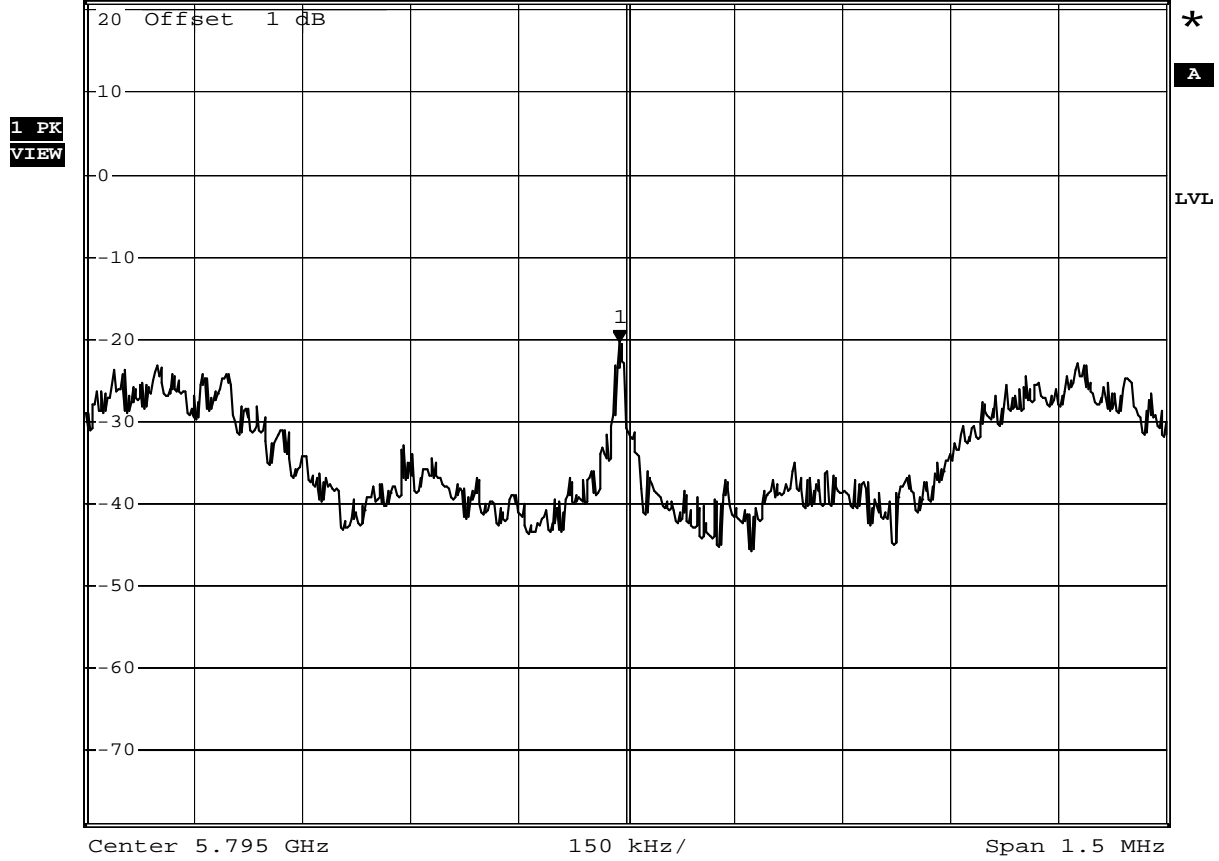
Date: 12.NOV.2011 11:18:41

**Channel 159**



\*RBW 3 kHz      Marker 1 [T1 ]  
\*VBW 10 kHz      -20.38 dBm  
\*SWT 500 s      5.794991000 GHz

Ref 21 dBm      \*Att 30 dB



Date: 12.NOV.2011 11:20:40

Product	Dark Knight Double 450Mbps Dual N Band Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2011/11/12	Test Site	SR7

IEEE802.11n 40MHz(ANT 0+1+2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	-12.61	$\leq 8$	Pass
159	5795	-13.04	$\leq 8$	Pass