Test Report

Industry Canada RSS-Gen Issue 2/RSS-210 Issue 7
FCC Part15 Subpart C

Product Name ： Flip Share TV(USB Dongle)

Model No. ： CTV1-UB

FCC ID ： Q87CTV1UB

IC ID ： 3839A-CTV1UB

Applicant ： CISCO-LINKSYS LLC

Address ： 121 THEORY DR IRVINE, CA 92617 USA

Date of Receipt ： 2009/08/31

Issued Date ： 2009/09/16

Report No. ： 098S103R-ITUSP01V01

Report Version ： V1.0

Test Report Certification

Issued Date : 2009/09/16
Report No. : 098S103R-RF-US-P05V01

QuieTek

Product Name	:	Flip Share TV(USB Dongle)
Applicant	:	CISCO-LINKSYS LLC
Address	:	121 THEORY DR IRVINE, CA 92617 USA
Manufacturer	:	Ambit Microsoft system(shanghai) LTD.
Address	:	No.1925, Nanle road Songjiang Export Processing Zone Shanghai China
Model No.	:	CTV1-UB
FCC ID	:	Q87CTV1UB
IC ID	:	3839A-CTV1UB
Rated Voltage	:	DC 5V
EUT Voltage	:	DC 5V
Trade Name	:	Cisco
Applicable Standard	:	FCC CFR Title 47 Part 15 Subpart C: 2008, ANSI C63.4: 2003 Industry Canada RSS-Gen Issue 2/RSS-210 Issue 7
Test Result	:	Complied
Performed Location	:	SuZhou EMC laboratory No.99 Hongye Rd., Suzhou Industrial Park Loufeng Hi-Tech Development Zone., SuZhou, China TEL: +86-512-6251-5088 / FAX: +86-512-6251-5098 FCC Registration Number: 800392, IC Lab Code: 4075B

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Approved By : Dream Cao
(Engineering Manager: Dream Cao)

Laboratory Information

We , **QuieTek Corporation**, are an independent EMC and safety consultancy that was established the whole facility in our laboratories. The test facility has been accredited by the following accreditation Bodies in compliance with ISO 17025, EN 45001 and Guide 25:

Taiwan R.O.C.	**:**	**BSMI, DGT, CNLA**
Germany	**:**	**TUV Rheinland**
Norway	**:**	**Nemko, DNV**
USA	**:**	**FCC, NVLAP**
Japan	**:**	**VCCI**

The related certificate for our laboratories about the test site and management system can be downloaded from QuieTek Corporation's Web Site : http://tw.quietek.com/modules/myalbum/
The address and introduction of QuieTek Corporation's laboratories can be founded in our Web site : http://www.quietek.com/
If you have any comments, Please don't hesitate to contact us. Our contact information is as below:

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NVLAP Lab Code : 200347-0
1313

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0914

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NVLAP Lab Code : 200743-0
1596

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1. General Information

1.1. EUT Description

Product Name	Flip Share TV(USB Dongle)
Trade Name	Cisco
Model No.	CTV1-UB
FCC ID	Q87CTV1UB
IC ID	3839A-CTV1UB
Working Voltage	DC 5V
Frequency Range	**For 2.4GHz Band** 802.11b/g/n(20MHz): 2412 - 2462 MHz 802.11n(40MHz): 2422 - 2452 MHz **For 5.0GHz Band** 802.11a/n(20MHz): 5180 - 5240 MHz, 5745 - 5825MHz 802.11n(40MHz): 5190 - 5230 MHz, 5755 - 5795 MHz
Channel Number	**For 2.4GHz Band** 802.11b/g/n(20MHz): 11 802.11n(40MHz): 7 **For 5.0GHz Band** 802.11a/n(20MHz): 9 802.11n(40MHz): 4
Type of Modulation	802.11b: DSSS
	802.11a/g/n: OFDM
Data Rate	802.11a/g: 6/9/12/18/24/36/48/54 Mbps
	802.11b: 1/2/5.5/11 Mbps
	802.11n: up to 300 Mbps
Channel Control	Auto
Antenna Type	PIFA
Antenna Gain	Refer to antenna list

For 2.4GHz Band

802.11b/g/n(20MHz) Working Frequency of Each Channel:							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
01	2412 MHz	02	2417 MHz	03	2422 MHz	04	2427 MHz
05	2432 MHz	06	2437 MHz	07	2442 MHz	08	2447 MHz
09	2452 MHz	10	2457 MHz	11	2462 MHz	N/A	N/A
802.11n(40MHz) Working Frequency of Each Channel:							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
03	2422 MHz	04	2427 MHz	05	2432 MHz	06	2437 MHz
07	2442 MHz	08	2447 MHz	09	2452 MHz	N/A	N/A

For 5.0GHz Band

802.11a/n(20MHz) Working Frequency of Each Channel:							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
36	5180 MHz	40	5200 MHz	44	5220 MHz	48	5240 MHz
149	5745 MHz	153	5765 MHz	157	5785 MHz	161	5805 MHz
165	5825 MHz	---	---	---	---	---	---
802.11n(40MHz) Working Frequency of Each Channel:							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
38	5190 MHz	46	5230 MHz	151	5755 MHz	159	5795 MHz

802.11a/b/g/n Antenna List

Antenna	Manufacturer	Model No.	Antenna Gain(dBi)
Left Antenna(For 2.4G)	Galtronics	02036140-04231	2.2
Right Antenna(For 2.4G)	Galtronics	02036140-04231	2.8
Left Antenna(For 5.8G)	Galtronics	02036140-04231	1.4
Right Antenna(For 5.8G)	Galtronics	02036140-04231	2.8

1.2. Mode of Operation

QuieTek has verified the construction and function in typical operation. All the test modes were carried out with the EUT in normal operation, which was shown in this test report and defined as:

Test Mode
Mode 1: Transmit by 802.11b
Mode 2: Transmit by 802.11g
Mode 3: Transmit by 802.11a
Mode 4: Transmit by 802.11n (20MHz)
Mode 5: Transmit by 802.11n (40MHz)

Note:

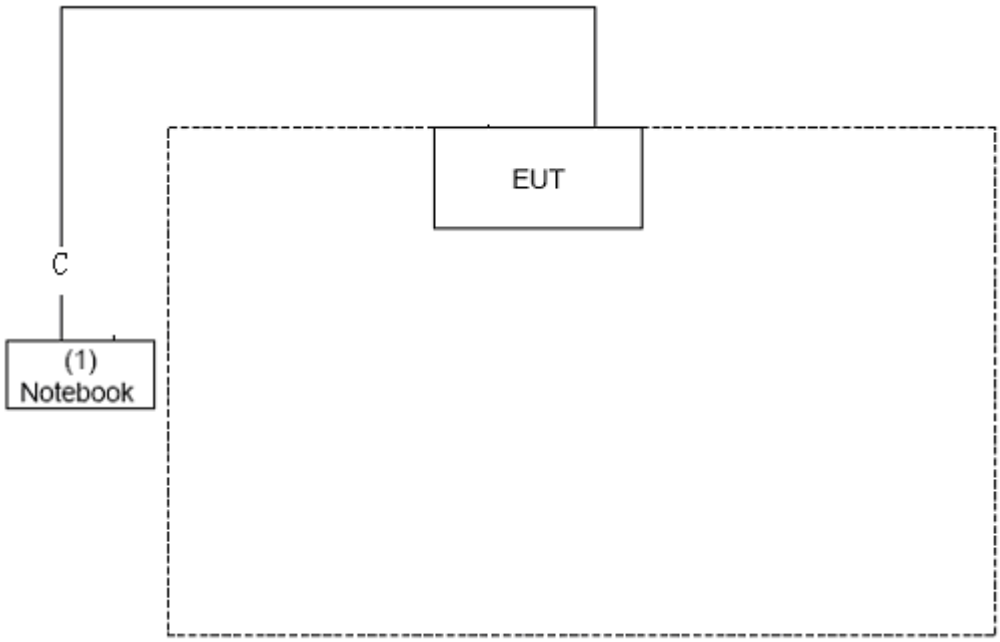
1. Regards to the frequency band operation: the lowest、middle and highest frequency of channel were selected to perform the test, then shown on this report.
2. This device is a composite device in accordance with Part 15 Subpart B regulations. The function for the receiver was measured and made a test report that the report number is 098S103R.

1.3. 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.	Power Cord
1	Notebook	DELL	PP19L	JH097 A01	Power by adapter

1.4. Configuration of Tested System

Connection Diagram


Signal Cable Type		Signal cable Description
C	USB Cable	Non-Shielded, 1.5m

1.5. EUT Exercise Software

1	Setup the EUT and simulators as shown on above
2	Turn on the power of equipment.
3	Open the software “RT3x7xQA”, then select the transmission mode , test channel and start test.

2. Technical Test

2.1. Summary of Test Result

☒ No deviations from the test standards

☐ Deviations from the test standards as below description:

Performed Test Item	Normative References	Test Performed	Deviation
Conducted Emission	FCC CFR Title 47 Part 15 Subpart C: 2008 Section 15.207	Yes	No
Radiated Emission	FCC CFR Title 47 Part 15 Subpart C: 2008 Section 15.209	Yes	No
RF Antenna Conducted Spurious	FCC CFR Title 47 Part 15 Subpart C: 2008 Section 15.247(d)	Yes	No
Radiated Emission Band Edge	FCC CFR Title 47 Part 15 Subpart C: 2008 15.247(d)	Yes	No
Operation Frequency Range of 20dB Bandwidth	FCC CFR Title 47 Part 15 Subpart C: 2008 15.215(c)	Yes	No
Occupied Bandwidth	FCC CFR Title 47 Part 15 Subpart C: 2008 Section 15.247(a)(2)	Yes	No
Power Output	FCC CFR Title 47 Part 15 Subpart C: 2008 Section 15.247(b)(3)	Yes	No
Power Spectral Density	FCC CFR Title 47 Part 15 Subpart C: 2008 Section 15.247(e)	Yes	No

Performed Test Item	Normative References	Test Performed	Deviation
Conducted Emission	RSS-Gen Issue 2 June 2007 Section 7.2.2	Yes	No
Radiated Emission	RSS-210 Issue 2 June 2007 Section 2.7 Table 2 and Table 3	Yes	No
RF Antenna Conducted Spurious	RSS-210 Issue 7 June 2007 Section A8.5	Yes	No
Radiated Emission Band Edge	RSS-210 Issue 7 June 2007 Section A8.5	Yes	No
Occupied Bandwidth	RSS-Gen Issue 2 June 2007 Section 4.6.1 and 4.6.2 RSS-210 Issue 7 June 2007 Section A8.2(1)	Yes	No
Power Output	RSS-210 Issue 7 June 2007 Section A8.4(4)	Yes	No
Power Spectral Density	RSS-210 Issue 7 June 2007 Section A8.2(2)	Yes	No

2.2. Test Environment

Items	Required (IEC 68-1)	Actual
Temperature (°C)	15-35	21
Humidity (%RH)	25-75	50
Barometric pressure (mbar)	860-1060	950-1000

3. Conducted Emission

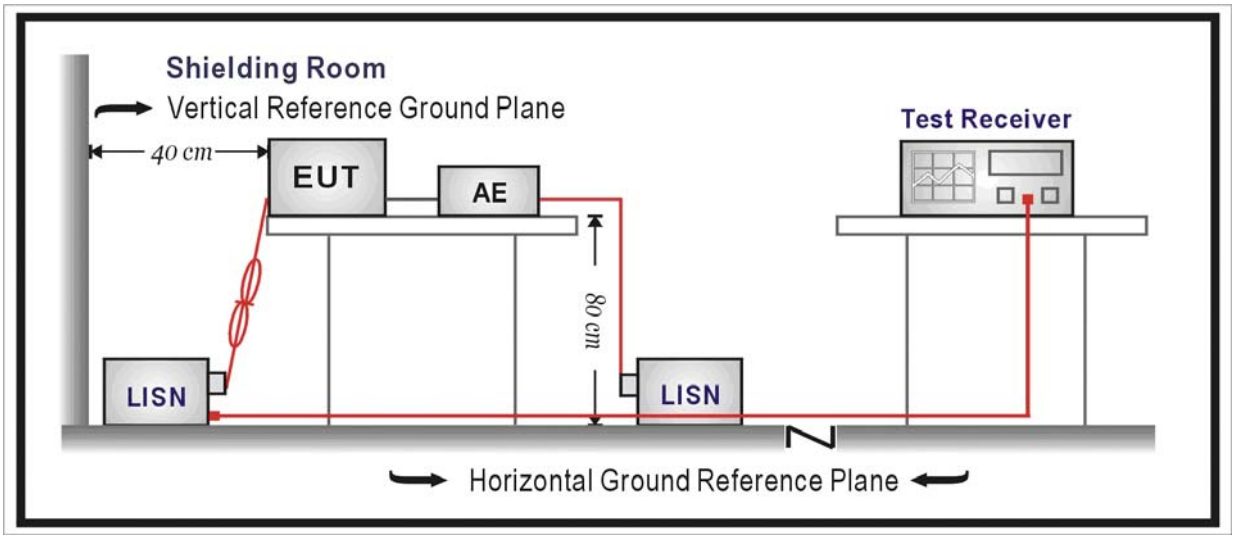
3.1. Test Equipment

Conducted Emission / SR-1

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
EMI Test Receiver	R&S	ESCI	100726	2009/02/07
Two-Line V-Network	R&S	ENV216	100013	2008/11/15
Two-Line V-Network	R&S	ENV216	100014	2008/11/15
50ohm Coaxial Switch	Anritsu	MP59B	6200464462	2008/11/25
50ohm Termination	SHX	TF2	07081401	2008/10/19
Coaxial Cable	Luthi	RG214	519358	2008/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH004	2009/03/31

Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

3.2. Test Setup



3.3. Limit

FCC Part 15 Subpart C Paragraph 15.207 Limits		
Frequency (MHz)	QP (dBuV)	AV (dBuV)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

Note 1: The lower limit shall apply at the transition frequencies.

Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.

3.4. Test Procedure

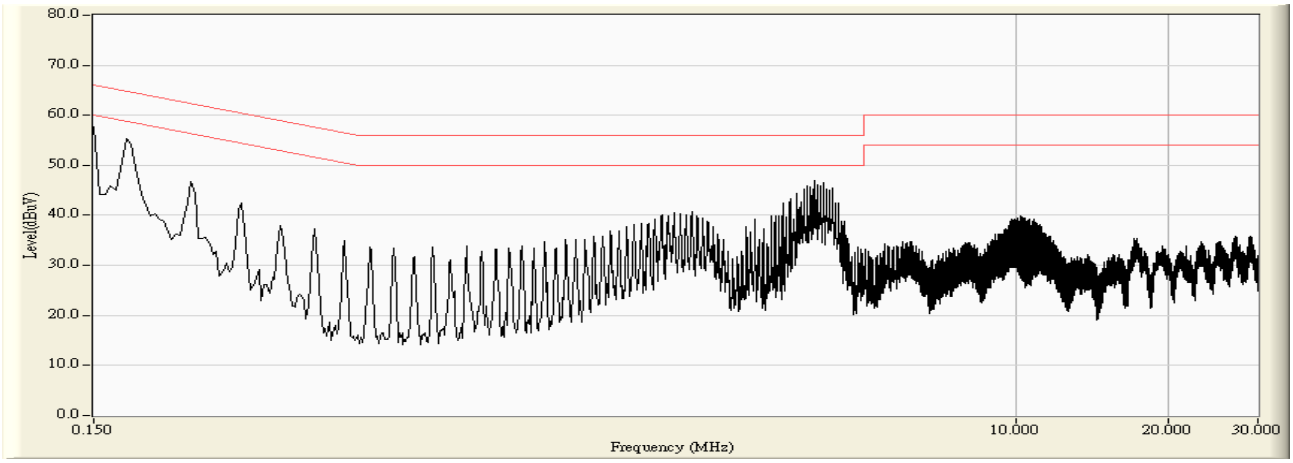
The EUT was setup according to ANSI C63.4, 2003 and tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.
The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane 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.

3.5. Uncertainty

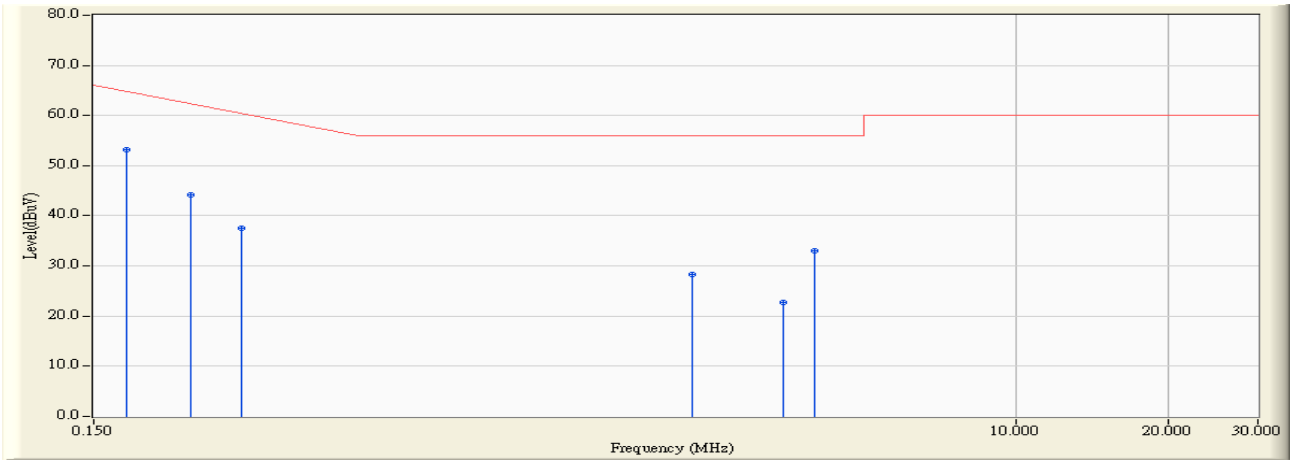
The measurement uncertainty is defined as ± 2.02 dB

3.6. Test Result

Engineer : Cryst	
Site : SR-1 (Conducted Emission and Power Disturbance Test)	**Time : 2009/09/12 - 13:41**
Limit : FCC_PARTB_15.107_00M_QP	**Margin : 6**
Probe : ENV216_100014(0.009-30MHz) - Line1	**Power : AC 120V/60Hz**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 1**

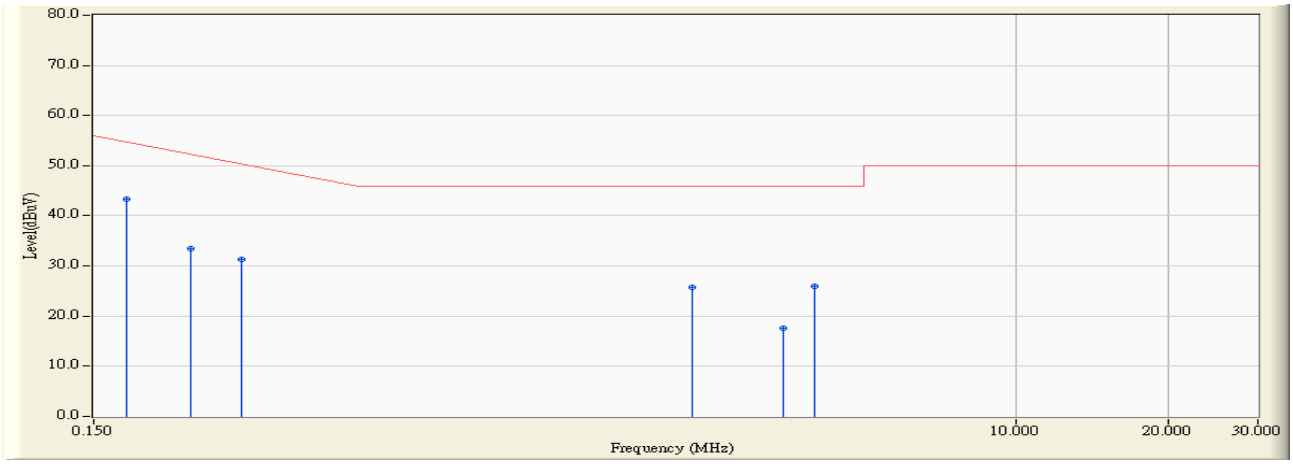


Engineer : Cryst	
Site : SR-1 (Conducted Emission and Power Disturbance Test)	**Time : 2009/09/12 - 13:46**
Limit : FCC_PARTB_15.107_00M_QP	**Margin : 0**
Probe : ENV216_100014(0.009-30MHz) - Line1	**Power : AC 120V/60Hz**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 1**



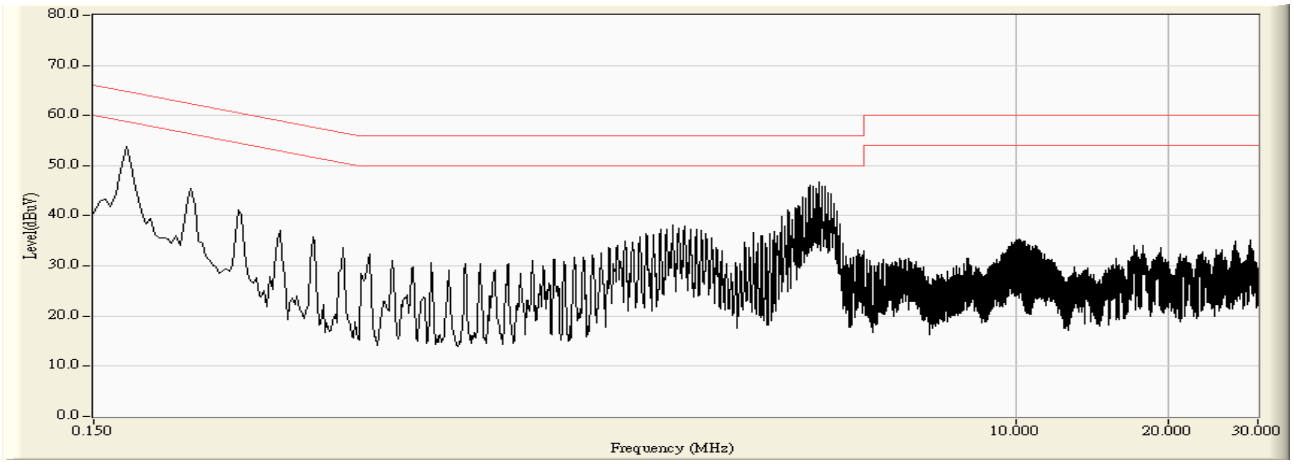
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.174	9.929	43.200	53.129	-11.638	64.767	QUASIPEAK
2		0.234	9.450	34.800	44.250	-18.057	62.307	QUASIPEAK
3		0.294	9.498	28.000	37.498	-22.913	60.411	QUASIPEAK
4		2.282	9.708	18.600	28.308	-27.692	56.000	QUASIPEAK
5		3.450	9.780	13.000	22.780	-33.220	56.000	QUASIPEAK
6		3.978	9.813	23.200	33.013	-22.987	56.000	QUASIPEAK

Engineer : Cryst	
Site : SR-1 (Conducted Emission and Power Disturbance Test)	**Time : 2009/09/12 - 13:46**
Limit : FCC_PARTB_15.107_00M_AV	**Margin : 0**
Probe : ENV216_100014(0.009-30MHz) - Line1	**Power : AC 120V/60Hz**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 1**

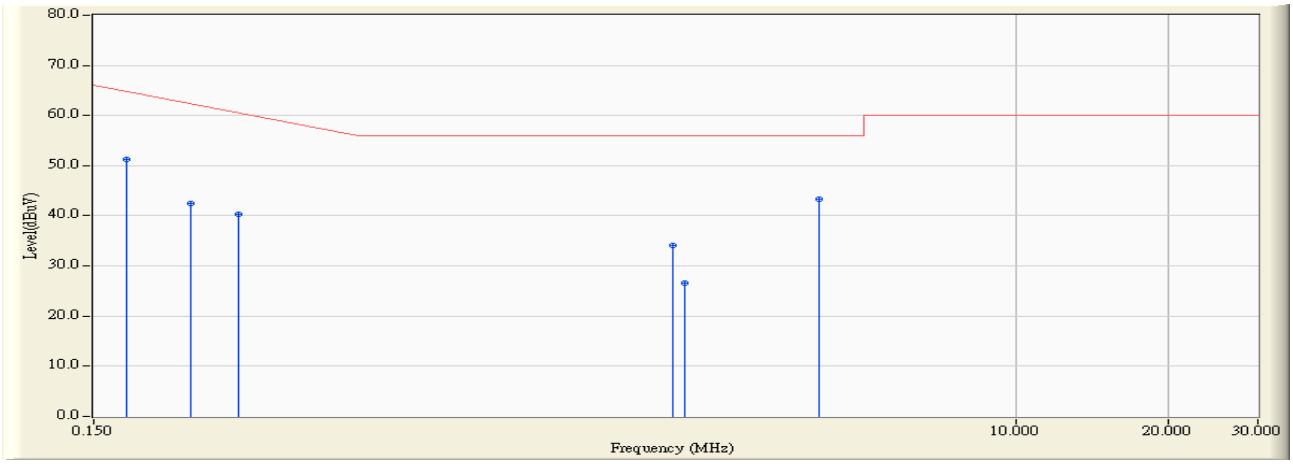


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.174	9.929	33.500	43.429	-11.338	54.767	AVERAGE
2		0.234	9.450	24.100	33.550	-18.757	52.307	AVERAGE
3		0.294	9.498	21.900	31.398	-19.013	50.411	AVERAGE
4		2.282	9.708	16.000	25.708	-20.292	46.000	AVERAGE
5		3.450	9.780	7.700	17.480	-28.520	46.000	AVERAGE
6		3.978	9.813	16.100	25.913	-20.087	46.000	AVERAGE

Engineer : Cryst	
Site : SR-1 (Conducted Emission and Power Disturbance Test)	**Time : 2009/09/12 - 14:01**
Limit : FCC_PARTB_15.107_00M_QP	**Margin : 6**
Probe : ENV216_100014(0.009-30MHz) – Line 2	**Power : AC 120V/60Hz**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 1**

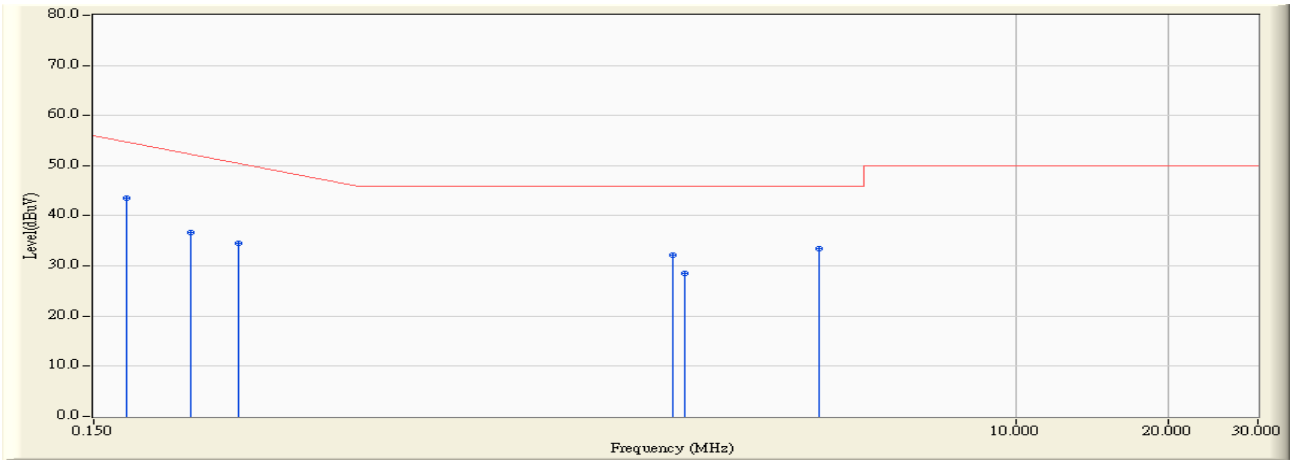


Engineer : Cryst	
Site : SR-1 (Conducted Emission and Power Disturbance Test)	**Time : 2009/09/12 - 14:04**
Limit : FCC_PARTB_15.107_00M_QP	**Margin : 0**
Probe : ENV216_100014(0.009-30MHz) - Line 2	**Power : AC 120V/60Hz**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 1**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.174	9.929	41.400	51.329	-13.438	64.767	QUASIPEAK
2		0.234	9.450	33.000	42.450	-19.857	62.307	QUASIPEAK
3		0.290	9.494	30.800	40.294	-20.230	60.524	QUASIPEAK
4		2.090	9.684	24.400	34.084	-21.916	56.000	QUASIPEAK
5		2.210	9.700	16.800	26.500	-29.500	56.000	QUASIPEAK
6	*	4.062	9.820	33.600	43.420	-12.580	56.000	QUASIPEAK

Engineer : Cryst	
Site : SR-1 (Conducted Emission and Power Disturbance Test)	**Time : 2009/09/12 - 14:04**
Limit : FCC_PARTB_15.107_00M_AV	**Margin : 0**
Probe : ENV216_100014(0.009-30MHz) - Line 2	**Power : AC 120V/60Hz**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 1**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.174	9.929	33.600	43.529	-11.238	54.767	AVERAGE
2		0.234	9.450	27.300	36.750	-15.557	52.307	AVERAGE
3		0.290	9.494	25.100	34.594	-15.930	50.524	AVERAGE
4		2.090	9.684	22.500	32.184	-13.816	46.000	AVERAGE
5		2.210	9.700	18.900	28.600	-17.400	46.000	AVERAGE
6		4.062	9.820	23.600	33.420	-12.580	46.000	AVERAGE

4. Radiated Emission

4.1. Test Equipment

☒Radiated Emission / AC-2

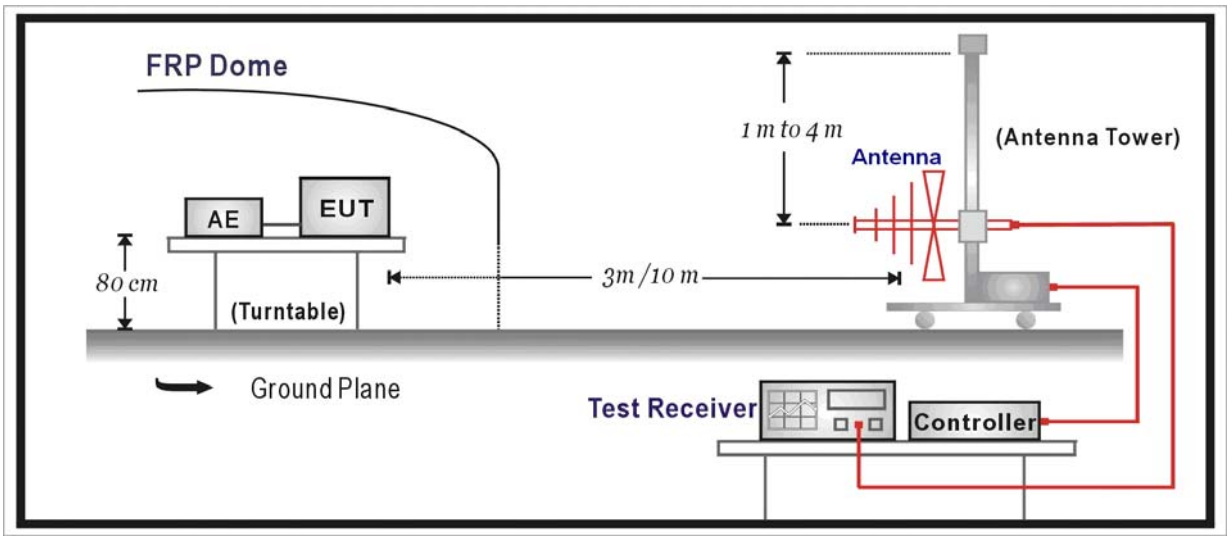
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4408B	MY45102679	2008/11/12
EMI Test Receiver	R&S	ESCI	100573	2009/05/10
Preamplifier	Quietek	AP-025C	QT-AP003	2008/11/25
Preamplifier	Quietek	AP-180C	CHM-0602012	2008/11/25
Bilog Type Antenna	Schaffner	CBL6112B	2932	2008/11/22
Broad-Band Horn Antenna	Schwarzbeck	BBHA9120D	496	2008/11/25
High-Pass Filter	Wainwright	WHKX2.8/18G-12SS	SN1	2009/03/03
Band Reject Filter	Wainwright	WRCG2400/2485-2375/2510-60/11SS	SN9	2009/03/03
High-Pass Filter	Wainwright	WHKX7.0/18G-8SS	SN16	2009/03/03
Low-Pass Filter	Wainwright	WLKS4500-9SS	SN2	2009/03/03
50ohm Coaxial Switch	Anritsu	MP59B	6200447304	2008/11/25
Coaxial Cable	Huber+Suhner	AC2-C	04	2008/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH002	2009/03/31

Note 1: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

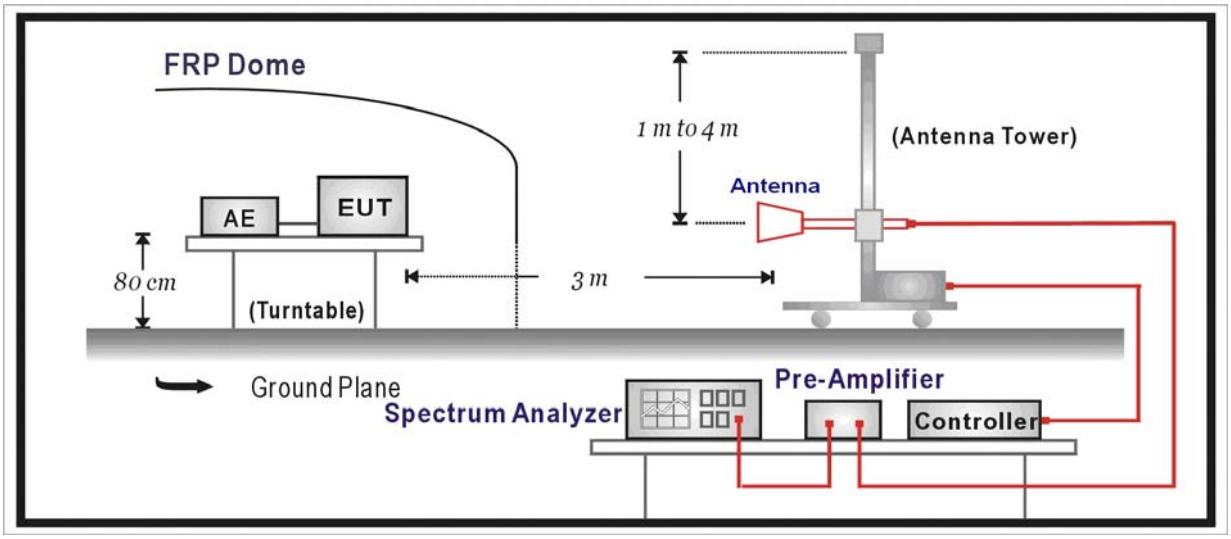
Note 2: The test instruments marked with “X” are used to measure the final test results.

4.2. Test Setup

Under 1GHz Test Setup:



Above 1GHz Test Setup:



4.3. Limit

FCC Part 15 Subpart C Paragraph 15.209		
Frequency (MHz)	Distance (m)	Level (dBuV/m)
30 - 88	3	40
88 - 216	3	43.5
216 - 960	3	46
Above 960	3	54

Note 1: The lower limit shall apply at the transition frequency.

Note 2: Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

Note 3: 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, 2003 and tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

The EUT is placed on a turn table which is 0.8 meter above ground. The turn table is rotated 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 is scanned from 1 meter to 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.4:2003 on radiated measurement.

The resolution bandwidth below 1GHz setting on the field strength meter is 120 kHz and above 1GHz is 1MHz.

The frequency range from 30MHz to 10th harmonic is checked.

Note: When doing emission measurement above 1GHz, the horn antenna will be bended down a little (as horn antenna has the narrow beamwidth) in order to keeping the antenna in the “cone of radiation” of EUT. The 3dB beamwidth is 60 degrees for H-plane and 90 degrees for E-plane.

4.5. Uncertainty

The measurement uncertainty above 1G is defined as ± 3.9 dB

below 1G is defined as ± 3.8 dB

4.6. Test Result

All of the test result shown indicates the worst case, and spectrum analyzer parameters setting as shown below:
Peak detector: RBW = 1MHz, VBW = 3MHz, sweep time = 200ms;
Average detector: RBW = 1MHz, VBW = 10Hz, sweep time = auto.

802.11b (Chain 0)

Channel	Frequency Range (MHz)	Measure Level (dBuV/m)	Detector Type	Limit (dBuV/m)
1	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~25000	≤50	PK	54 (Note 1)
6	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~25000	≤51	PK	54 (Note 1)
11	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~25000	≤49	PK	54 (Note 1)

Note 1: This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.

802.11b (Chain 1)

Channel	Frequency Range (MHz)	Measure Level (dBuV/m)	Detector Type	Limit (dBuV/m)
1	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~25000	≤50	PK	54 (Note 1)
6	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~25000	≤47	PK	54 (Note 1)
11	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~25000	≤49	PK	54 (Note 1)

Note 1: This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn’t be performed.

802.11g (Chain 0)

Channel	Frequency Range (MHz)	Measure Level (dBuV/m)	Detector Type	Limit (dBuV/m)
1	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~25000	≤47	PK	54 (Note 1)
6	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~25000	≤49	PK	54 (Note 1)
11	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~25000	≤48	PK	54 (Note 1)

Note 1: This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn’t be performed.

802.11g (Chain 1)

Channel	Frequency Range (MHz)	Measure Level (dBuV/m)	Detector Type	Limit (dBuV/m)
1	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~25000	≤45	PK	54 (Note 1)
6	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~25000	≤51	PK	54 (Note 1)
11	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~25000	≤46	PK	54 (Note 1)

Note 1: This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn’t be performed.

802.11a (Chain 0)

Channel	Frequency Range (MHz)	Measure Level (dBuV/m)	Detector Type	Limit (dBuV/m)
149	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~40000	≤59	PK	74
		≤45	AV	54
157	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~40000	≤60	PK	74
		≤46	AV	54
165	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~40000	≤60	PK	74
		≤46	AV	54

802.11a (Chain 1)

Channel	Frequency Range (MHz)	Measure Level (dBuV/m)	Detector Type	Limit (dBuV/m)
149	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~40000	≤62	PK	74
		≤48	AV	54
157	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~40000	≤61	PK	74
		≤47	AV	54
165	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~40000	≤58	PK	74
		≤44	AV	54

802.11n(20MHz) (Chain 0)

Channel	Frequency Range (MHz)	Measure Level (dBuV/m)	Detector Type	Limit (dBuV/m)
1	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~25000	≤47	PK	54 (Note 1)
6	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~25000	≤49	PK	54 (Note 1)
11	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~25000	≤51	PK	54 (Note 1)

Note 1: This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn’t be performed.

802.11n(20MHz) (Chain 0)

Channel	Frequency Range (MHz)	Measure Level (dBuV/m)	Detector Type	Limit (dBuV/m)
149	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~40000	≤63	PK	74
		≤48	AV	54
157	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~40000	≤60	PK	74
		≤46	AV	54
165	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~40000	≤61	PK	74
		≤47	AV	54

802.11n(20MHz) (Chain 1)

Channel	Frequency Range (MHz)	Measure Level (dBuV/m)	Detector Type	Limit (dBuV/m)
1	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~25000	≤48	PK	54 (Note 1)
6	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~25000	≤48	PK	54 (Note 1)
11	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~25000	≤48	PK	54 (Note 1)

Note 1: This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn’t be performed.

802.11n(20MHz) (Chain 1)

Channel	Frequency Range (MHz)	Measure Level (dBuV/m)	Detector Type	Limit (dBuV/m)
149	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~40000	≤62	PK	74
		≤48	AV	54
157	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~40000	≤60	PK	74
		≤46	AV	54
165	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~40000	≤60	PK	74
		≤46	AV	54

802.11n(20MHz) (Chain 0+1)

Channel	Frequency Range (MHz)	Measure Level (dBuV/m)	Detector Type	Limit (dBuV/m)
1	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~25000	≤50	PK	54 (Note 1)
6	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~25000	≤49	PK	54 (Note 1)
11	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~25000	≤48	PK	54 (Note 1)

Note 1: This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn’t be performed.

802.11n(20MHz) (Chain 0+1)

Channel	Frequency Range (MHz)	Measure Level (dBuV/m)	Detector Type	Limit (dBuV/m)
149	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~40000	≤61	PK	74
		≤47	AV	54
157	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~40000	≤60	PK	74
		≤46	AV	54
165	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~40000	≤61	PK	74
		≤47	AV	54

802.11n(40MHz) (Chain 0)

Channel	Frequency Range (MHz)	Measure Level (dBuV/m)	Detector Type	Limit (dBuV/m)
3	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~25000	≤51	PK	54 (Note 1)
6	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~25000	≤51	PK	54 (Note 1)
9	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~25000	≤50	PK	54 (Note 1)

Note 1: This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn’t be performed.

802.11n(40MHz) (Chain 0)

Channel	Frequency Range (MHz)	Measure Level (dBuV/m)	Detector Type	Limit (dBuV/m)
151	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~40000	≤60	PK	74
		≤46	AV	54
159	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~40000	≤62	PK	74
		≤48	AV	54

802.11n(40MHz) (Chain 1)

Channel	Frequency Range (MHz)	Measure Level (dBuV/m)	Detector Type	Limit (dBuV/m)
3	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~25000	≤45	PK	54 (Note 1)
6	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~25000	≤52	PK	54 (Note 1)
9	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~25000	≤49	PK	54 (Note 1)

Note 1: This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn’t be performed.

802.11n(40MHz) (Chain 1)

Channel	Frequency Range (MHz)	Measure Level (dBuV/m)	Detector Type	Limit (dBuV/m)
151	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~40000	≤62	PK	74
		≤48	AV	54
159	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~40000	≤61	PK	74
		≤47	AV	54

802.11n(40MHz) (Chain 0+1)

Channel	Frequency Range (MHz)	Measure Level (dBuV/m)	Detector Type	Limit (dBuV/m)
3	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~25000	≤50	PK	54 (Note 1)
6	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~25000	≤52	PK	54 (Note 1)
9	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~25000	≤51	PK	54 (Note 1)

Note 1: This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn’t be performed.

802.11n(40MHz) (Chain 0+1)

Channel	Frequency Range (MHz)	Measure Level (dBuV/m)	Detector Type	Limit (dBuV/m)
151	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~40000	≤62	PK	74
		≤48	AV	54
159	30~88	≤30	QP	40
	88~216	≤31	QP	43.5
	216~960	≤33	QP	46
	960~1000	≤36	QP	54
	1000~40000	≤63	PK	74
		≤49	AV	54

5. RF Antenna Conducted Spurious

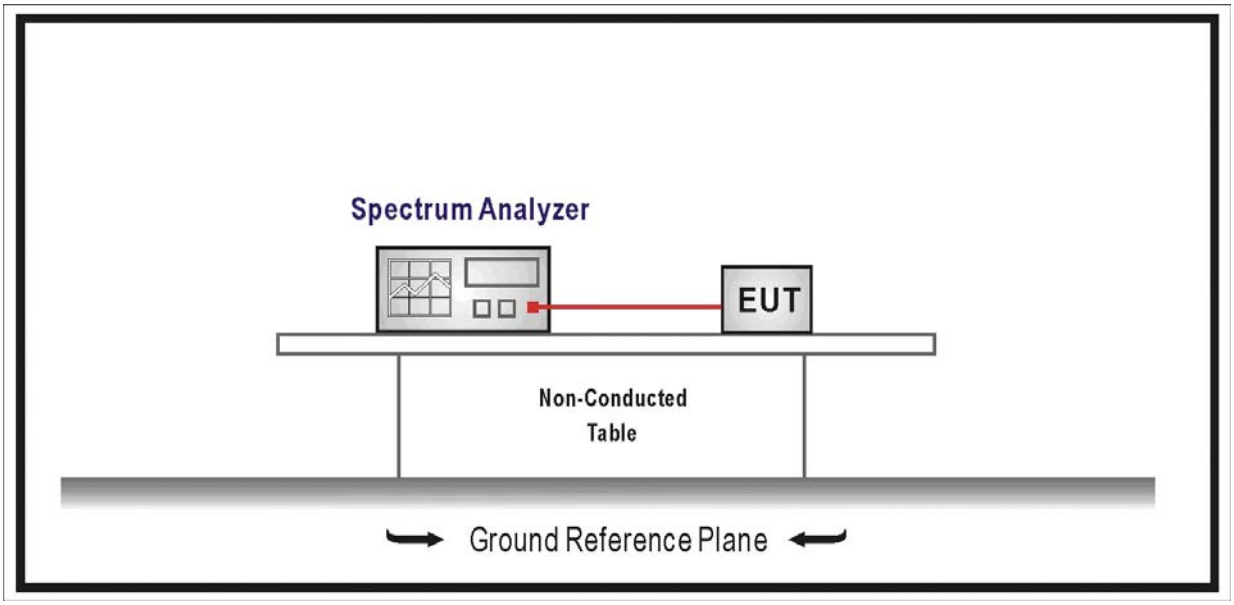
5.1. Test Equipment

RF Antenna Conducted Spurious / AC-6

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2009/06/11
Coaxial Cable	Huber+Suhner	AC4-RF	09	2008/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH007	2009/03/30

Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

5.2. Test Setup



5.3. Limit

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 either an RF conducted or a radiated measurement.

5.4. Test Procedure

The EUT was 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.

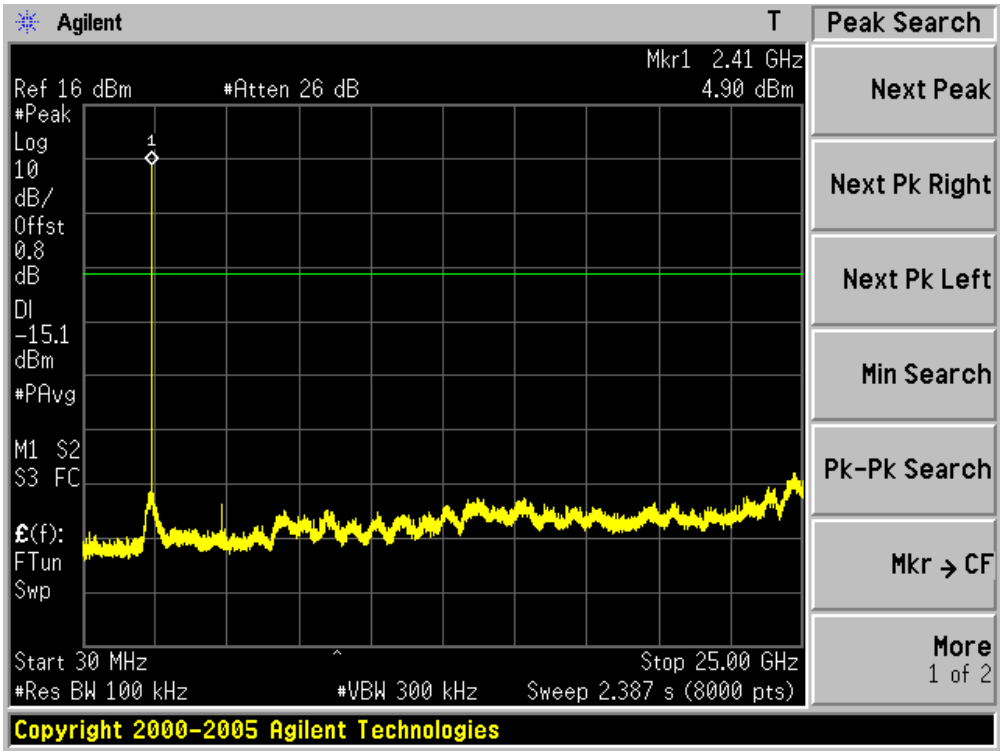
5.5. Uncertainty

The measurement uncertainty is defined as ± 1.27 dB

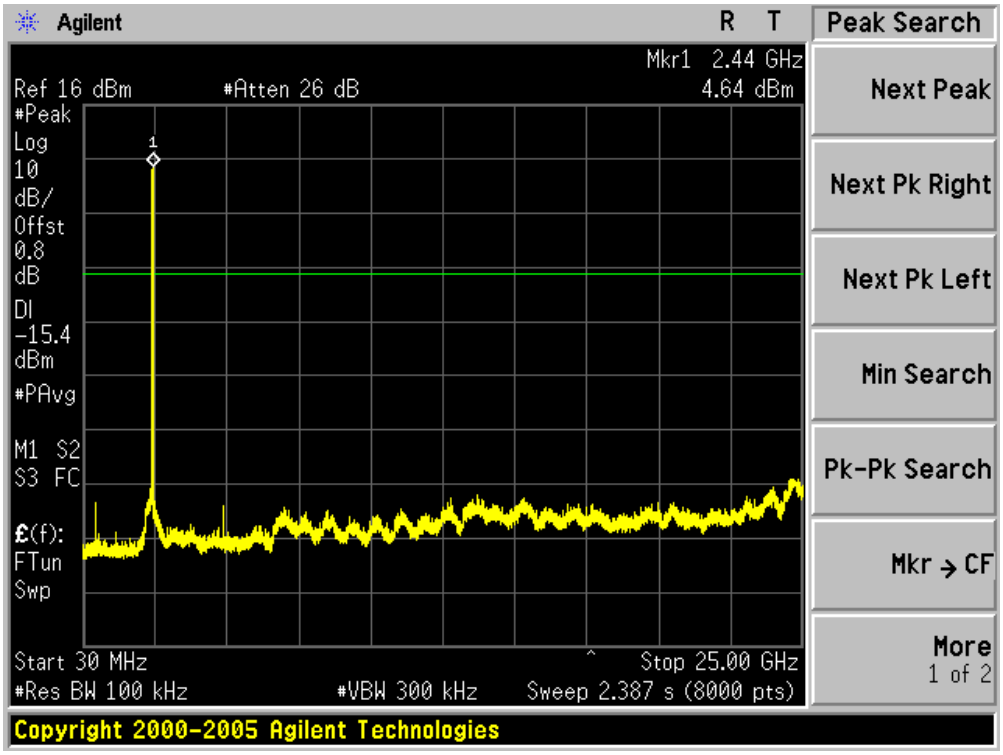
5.6. Test Result

Product	:	Flip Share TV(USB Dongle)
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	AC-6
Test Mode	:	Mode 1: Transmit by 802.11b (Chain 0)

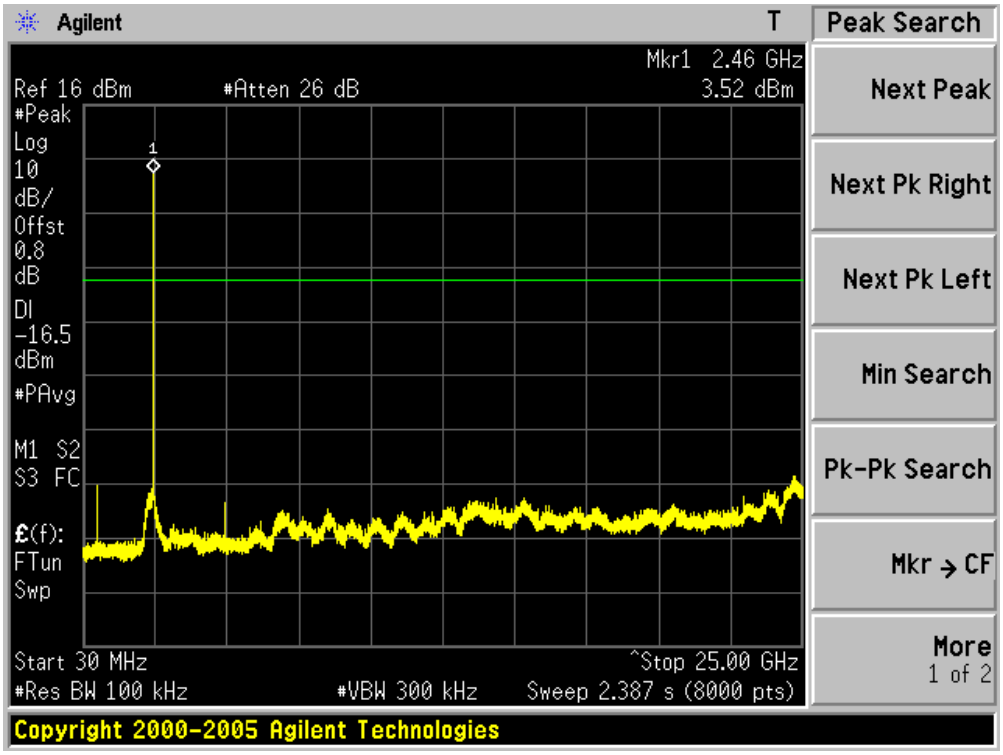
Channel 01 (2412MHz)



Channel 06 (2437MHz)

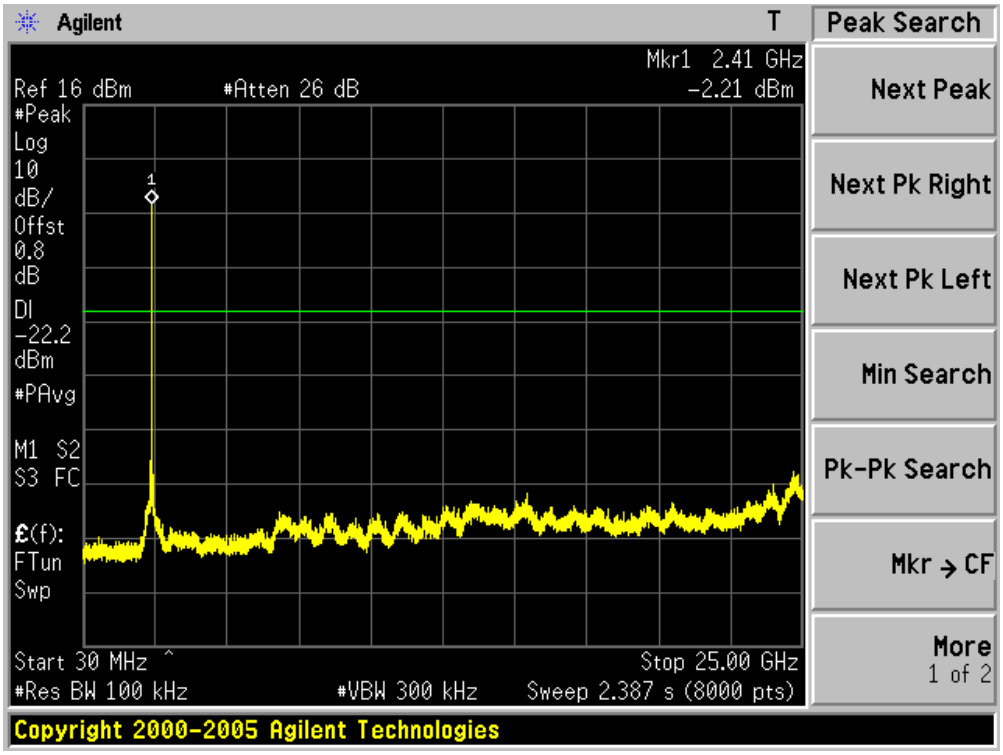


Channel 11 (2462MHz)

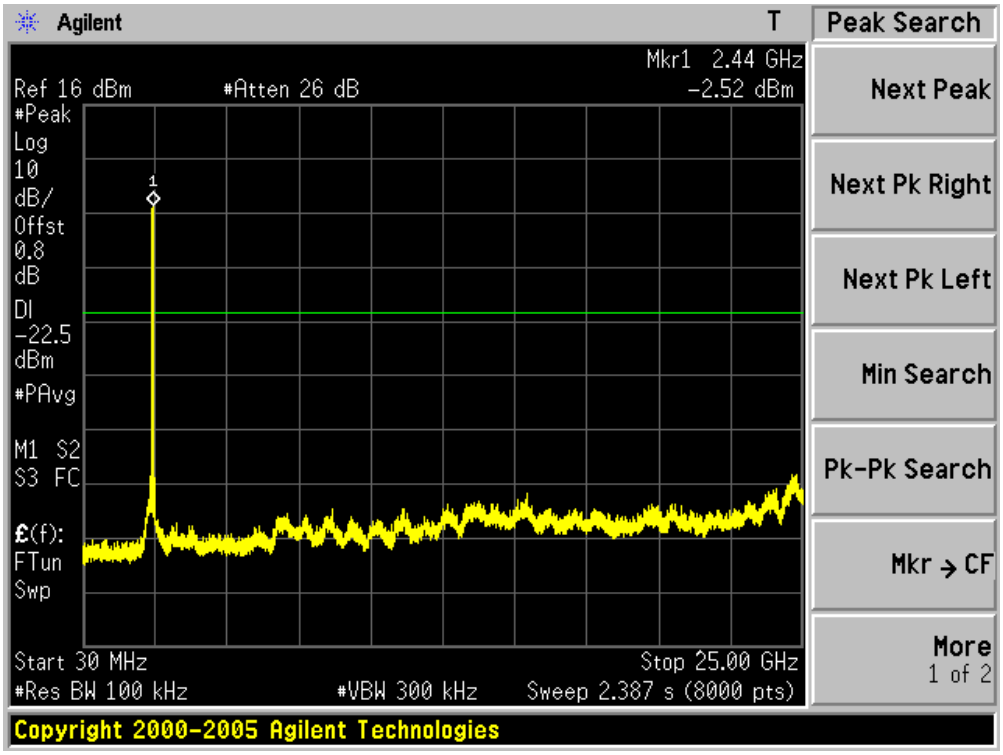


Product	:	Flip Share TV(USB Dongle)
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	AC-6
Test Mode	:	Mode 2: Transmit by 802.11g (Chain 0)

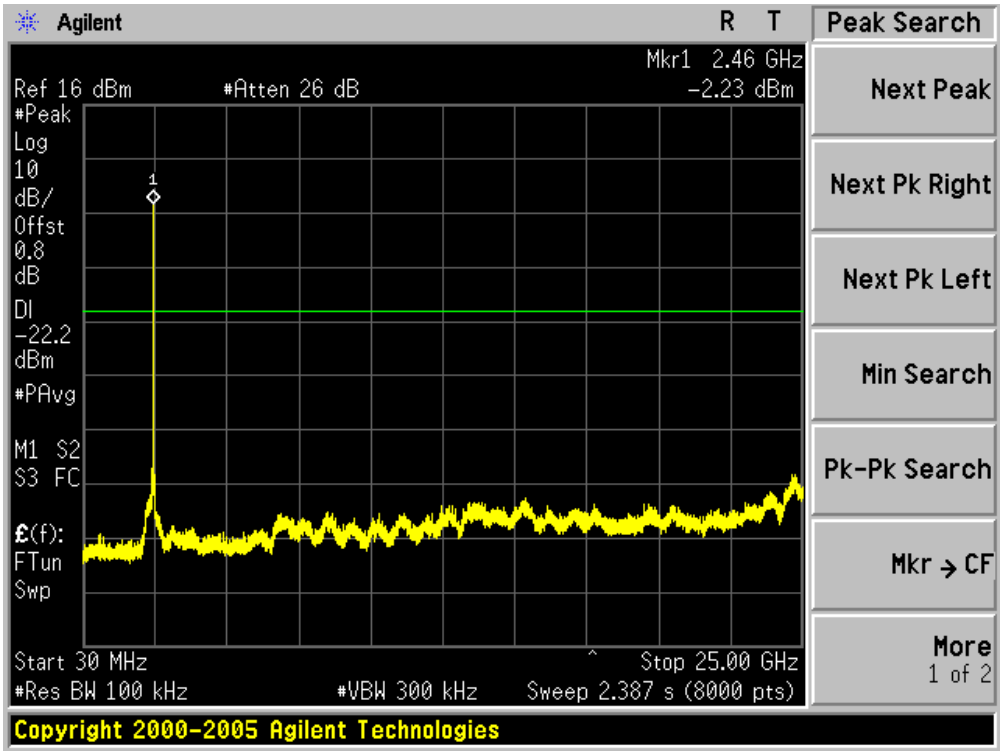
Channel 01 (2412MHz)



Channel 06 (2437MHz)

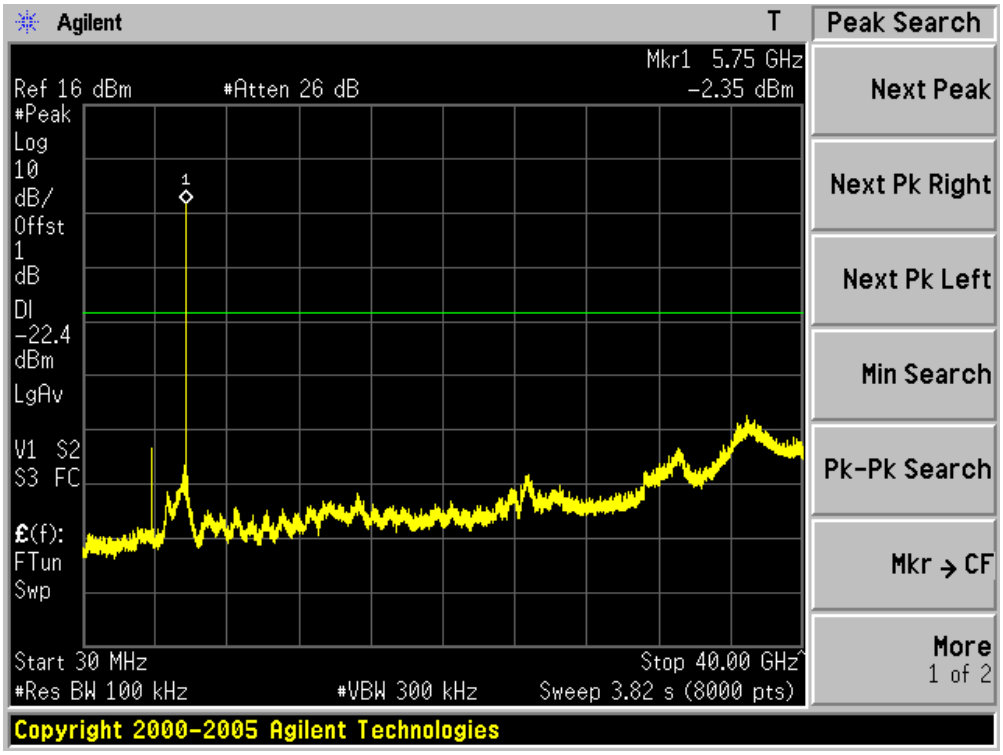


Channel 11 (2462MHz)

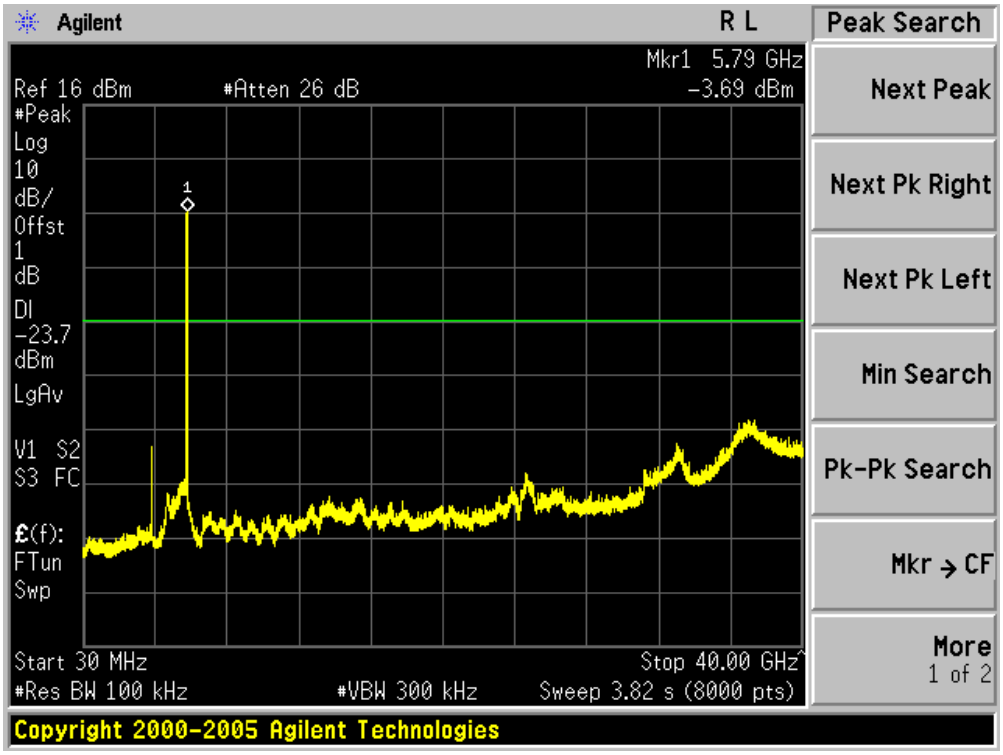


Product	:	Flip Share TV(USB Dongle)
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	AC-6
Test Mode	:	Mode 3: Transmit by 802.11a (Chain 0)

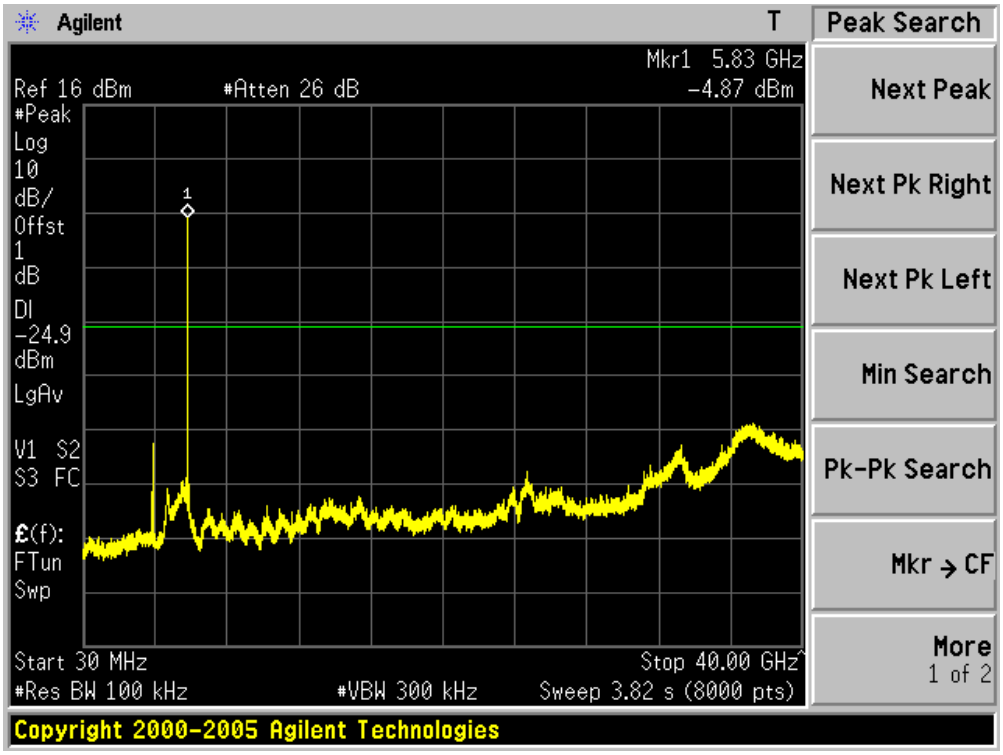
Channel 149 (5745MHz)



Channel 157 (5785MHz)

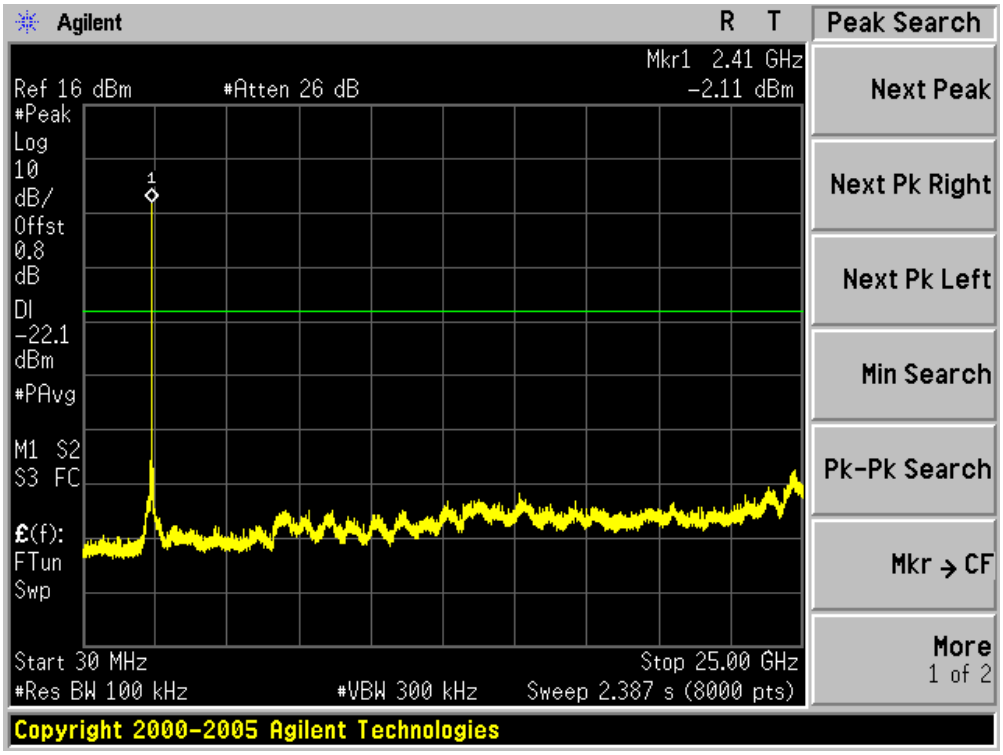


Channel 165 (5825MHz)

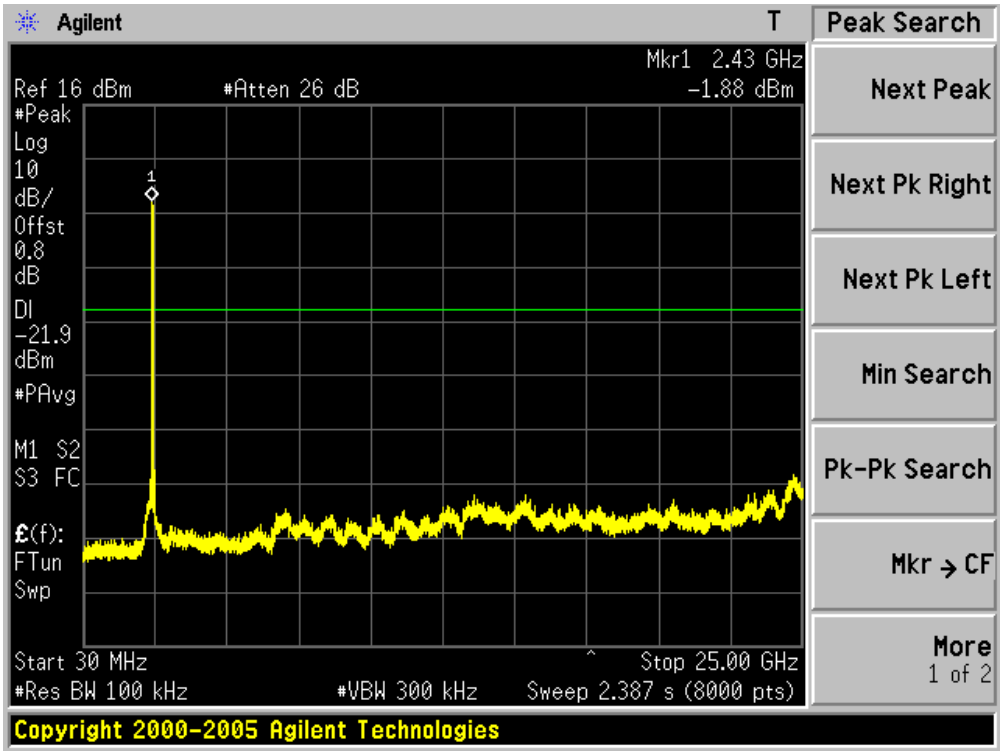


Product	:	Flip Share TV(USB Dongle)
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	AC-6
Test Mode	:	Mode 4: Transmit by 802.11n (20MHz)(chain 0)

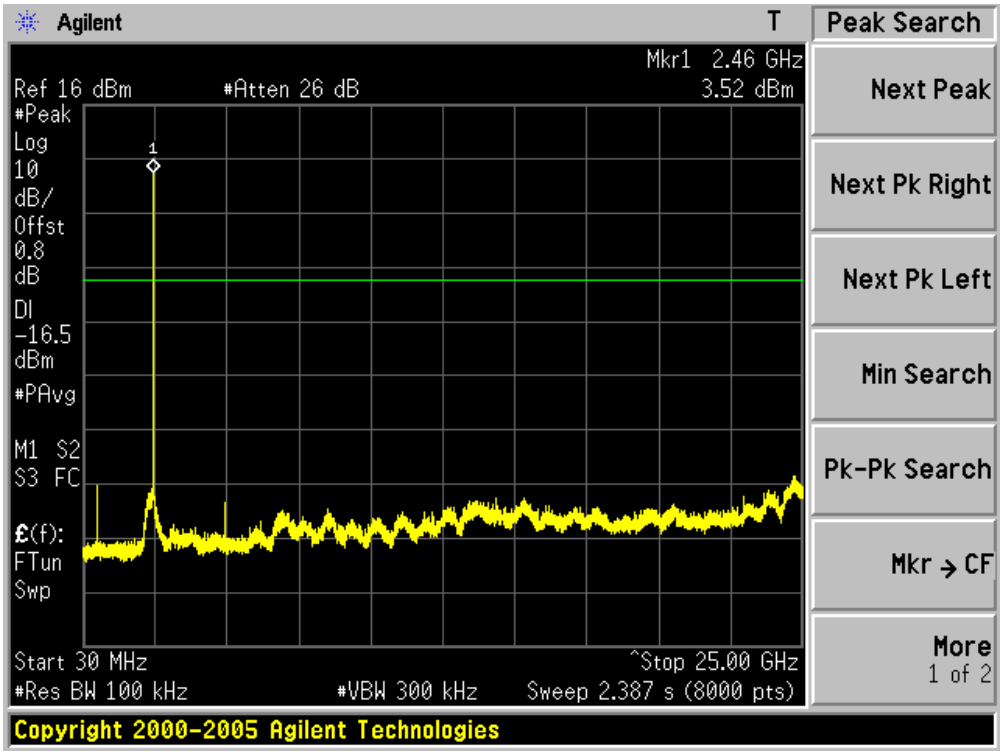
Channel 01 (2412MHz)



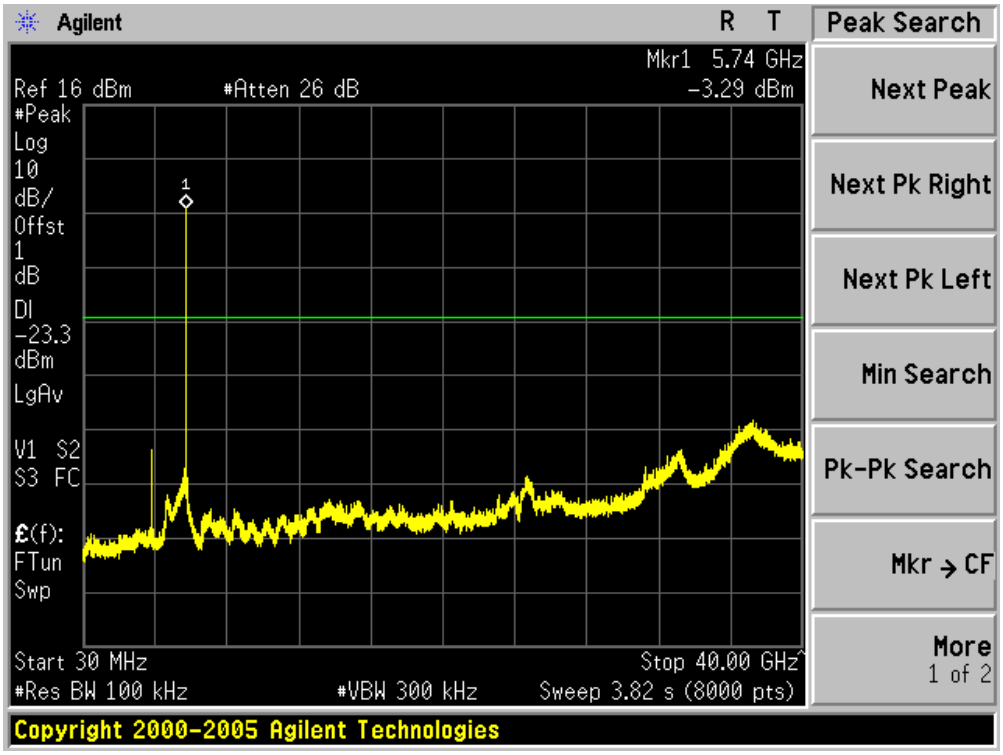
Channel 06 (2437MHz)



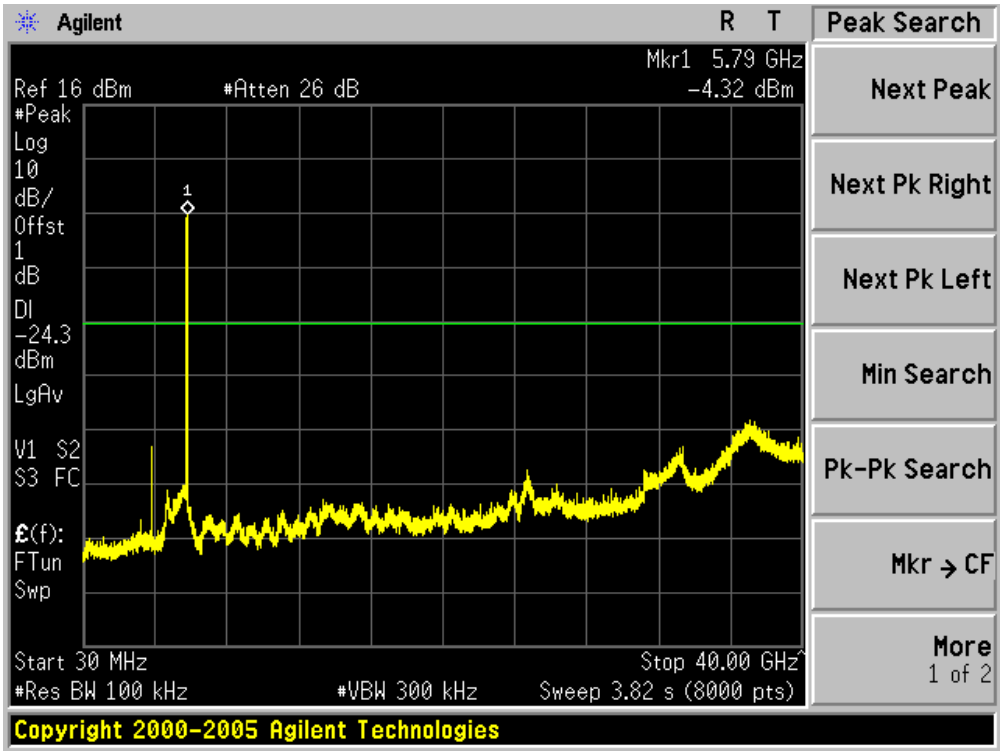
Channel 11 (2462MHz)



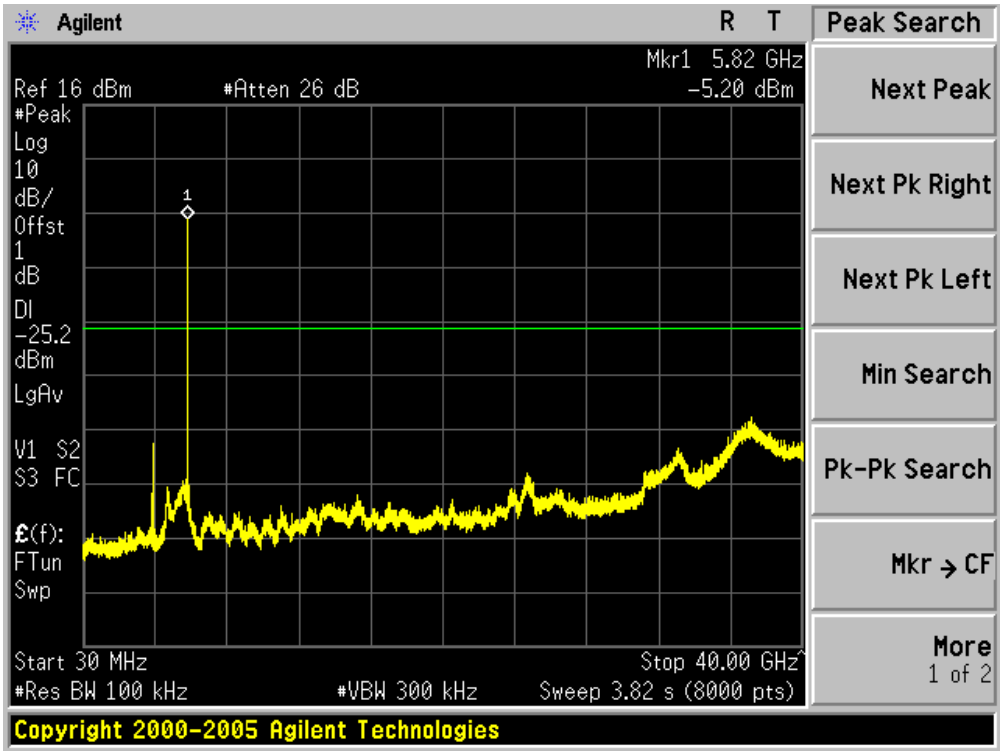
Channel 149 (5745MHz)



Channel 157 (5785MHz)

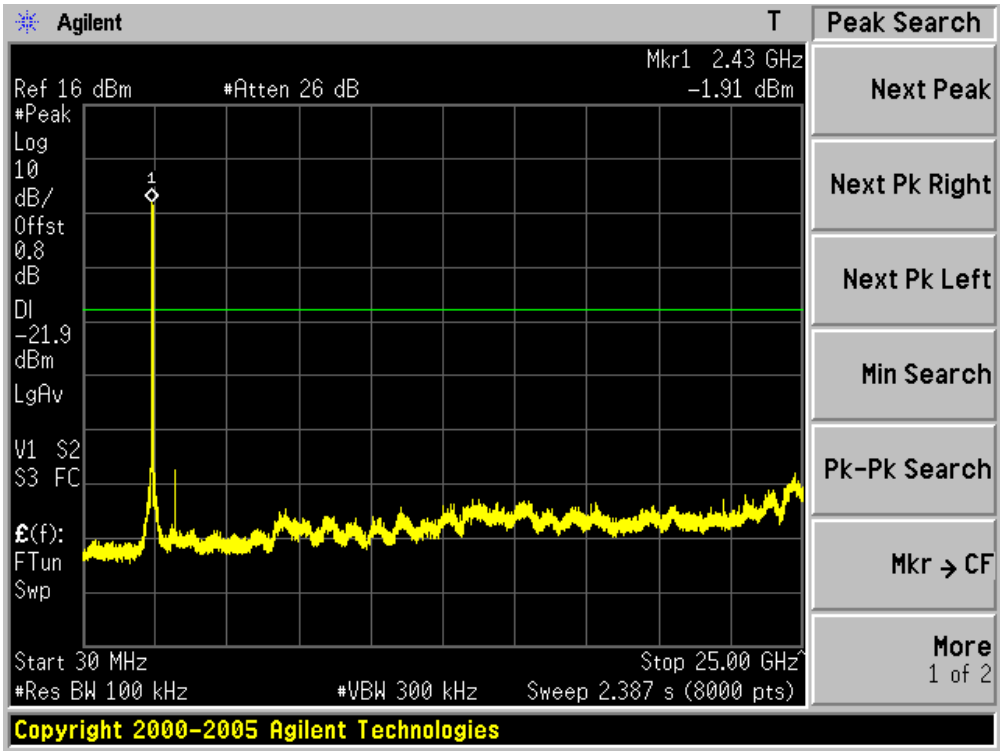


Channel 165 (5825MHz)

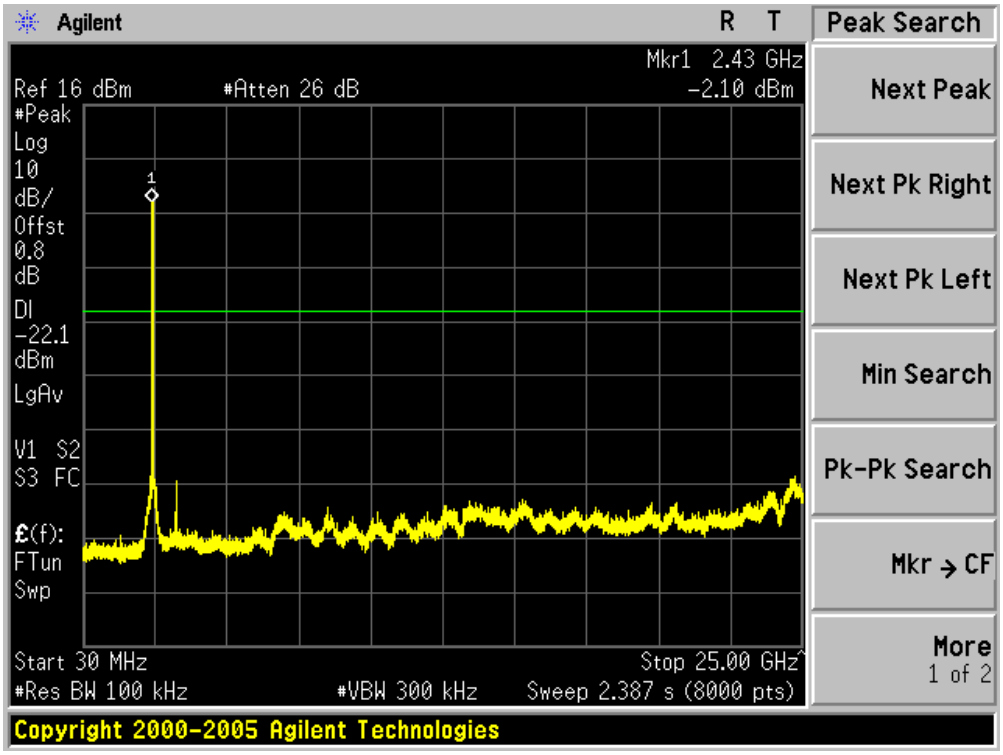


Product	:	Flip Share TV(USB Dongle)
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	AC-6
Test Mode	:	Mode 5: Transmit by 802.11n (40MHz) (Chain 0)

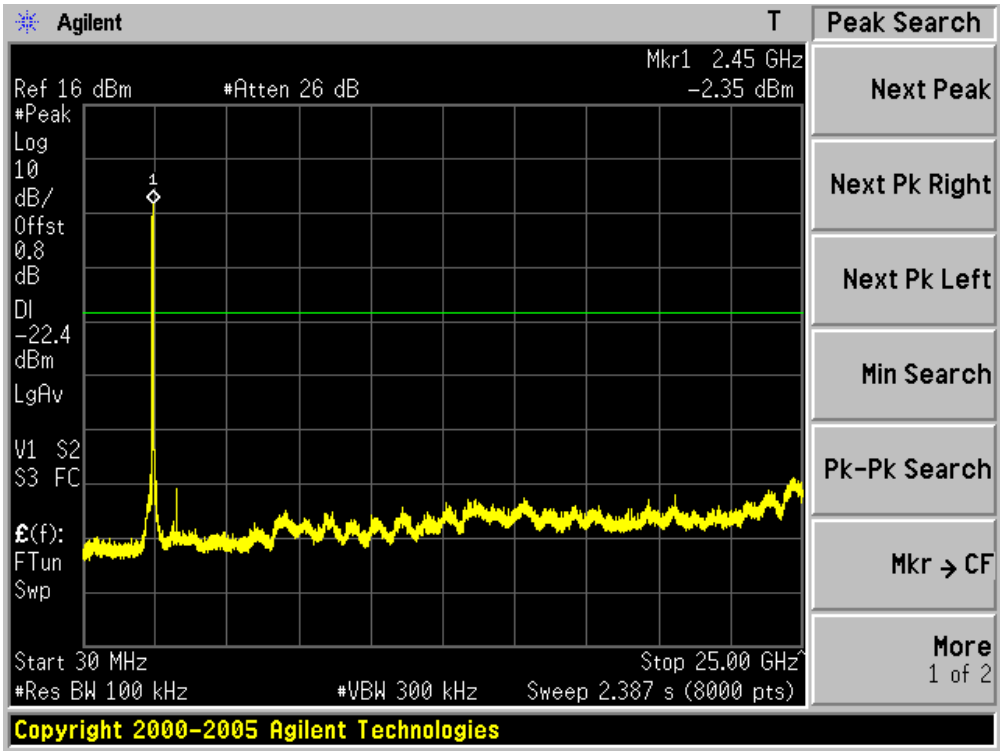
Channel 03 (2422MHz)



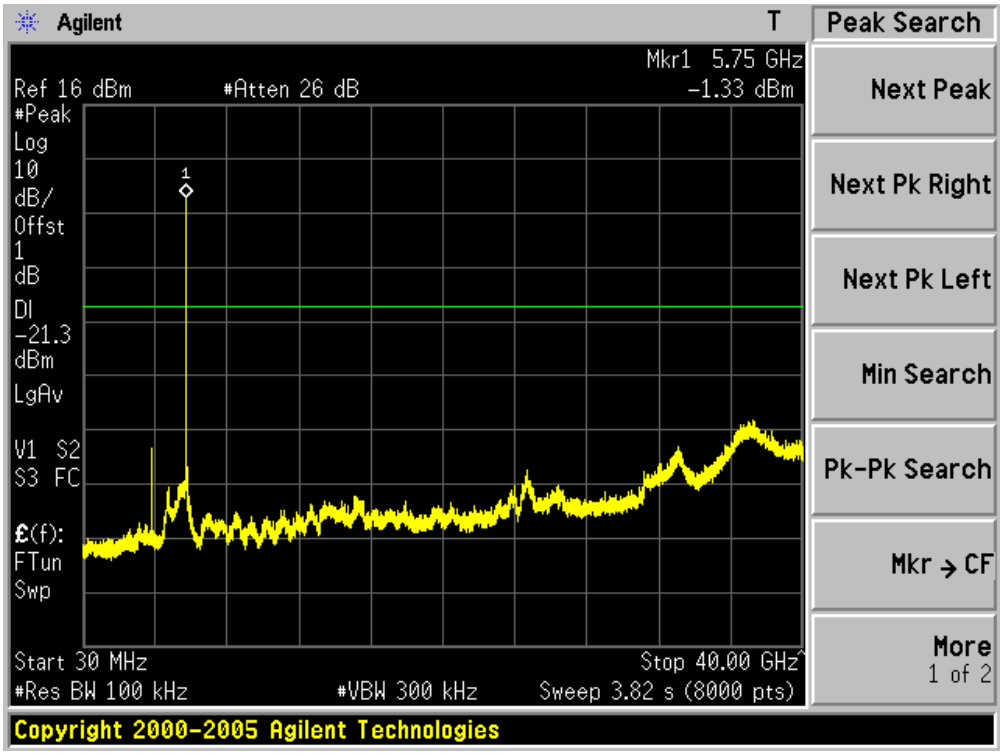
Channel 06 (2437MHz)



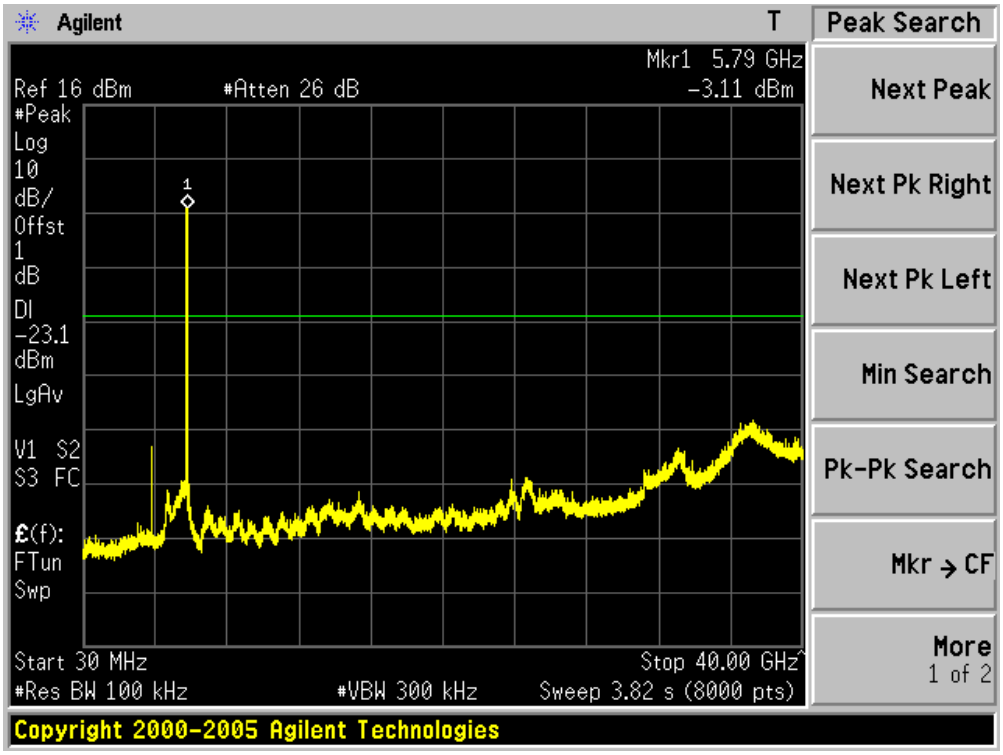
Channel 09 (2452MHz)



Channel 151 (5755MHz)

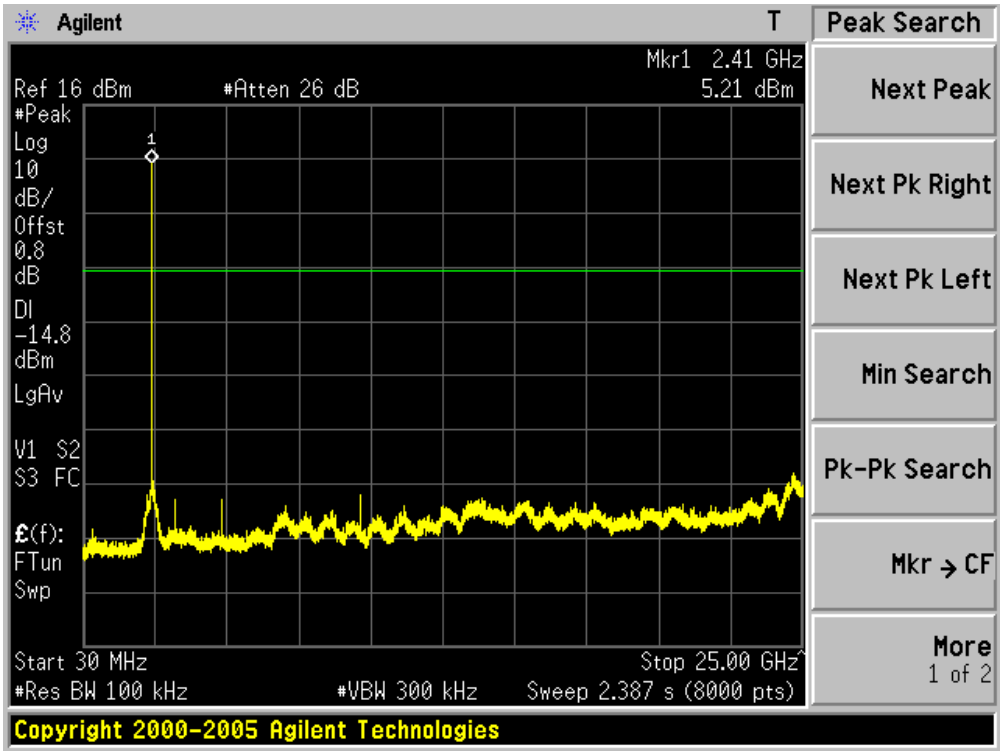


Channel 159 (5795MHz)

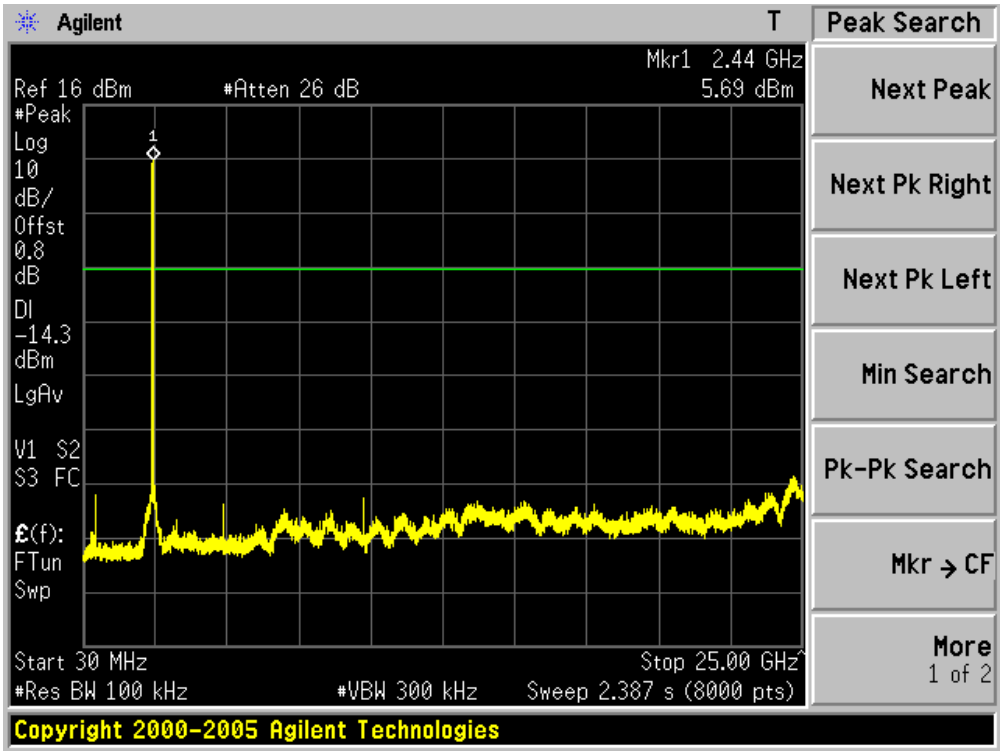


Product	:	Flip Share TV(USB Dongle)
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	AC-6
Test Mode	:	Mode 1: Transmit by 802.11b (Chain 1)

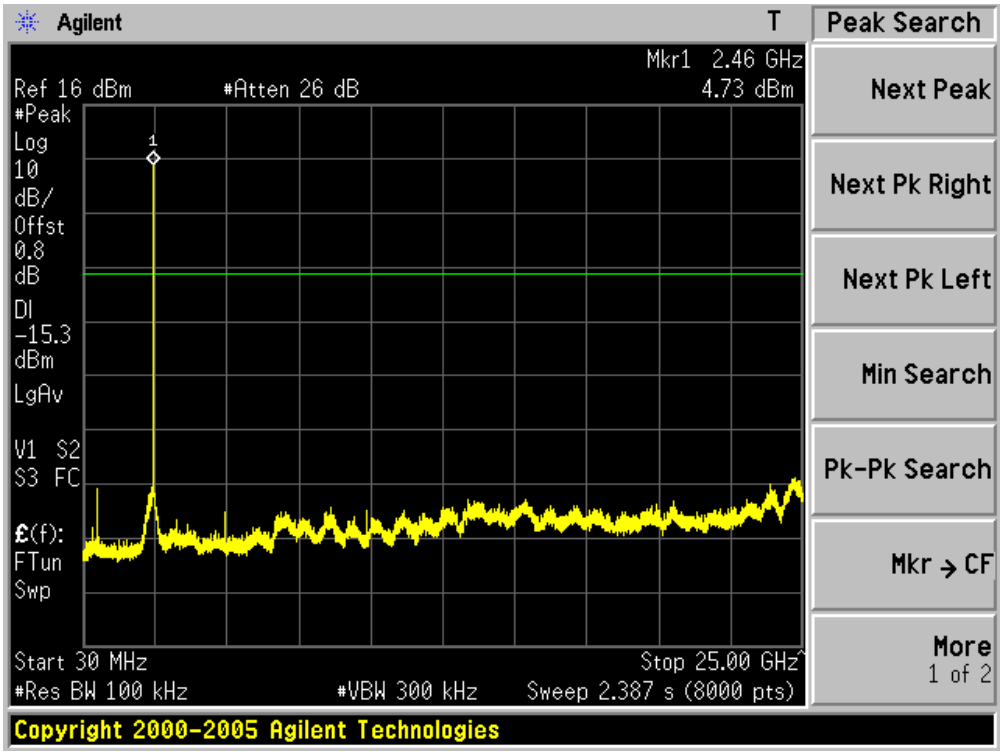
Channel 01 (2412MHz)



Channel 06 (2437MHz)

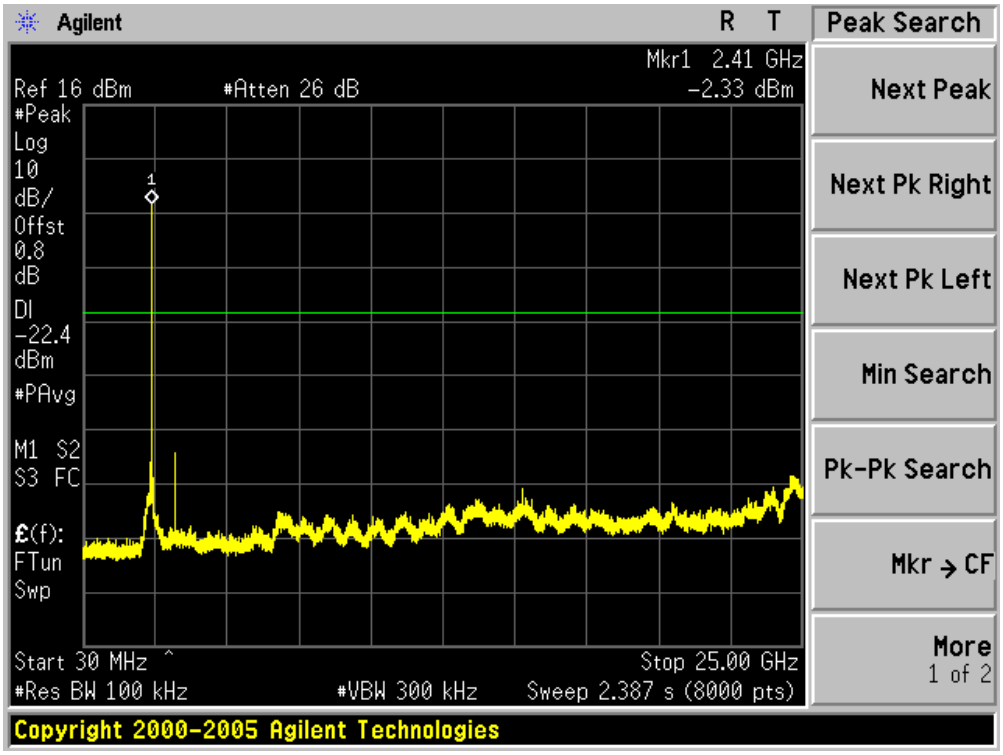


Channel 11 (2462MHz)

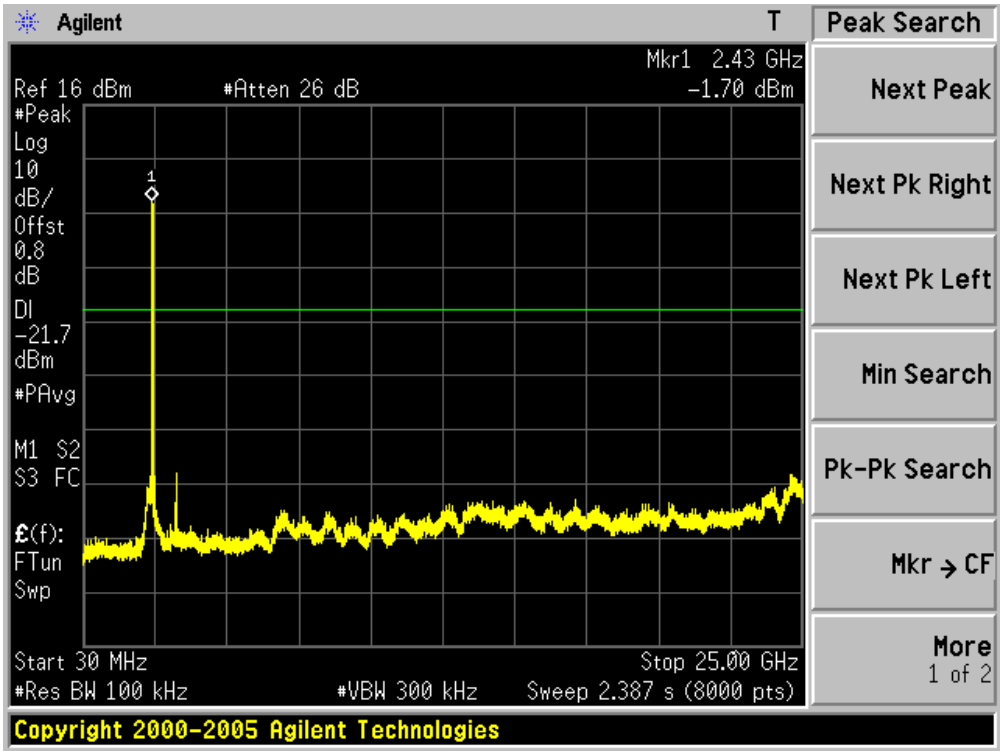


Product	:	Flip Share TV(USB Dongle)
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	AC-6
Test Mode	:	Mode 2: Transmit by 802.11g (Chain 1)

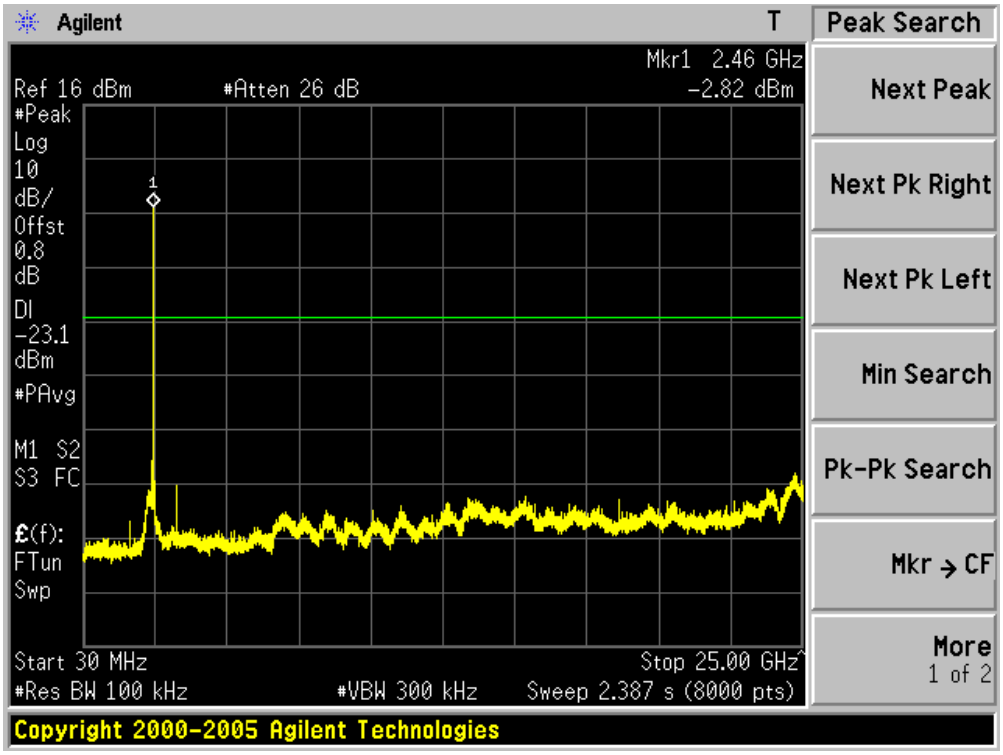
Channel 01 (2412MHz)



Channel 06 (2437MHz)

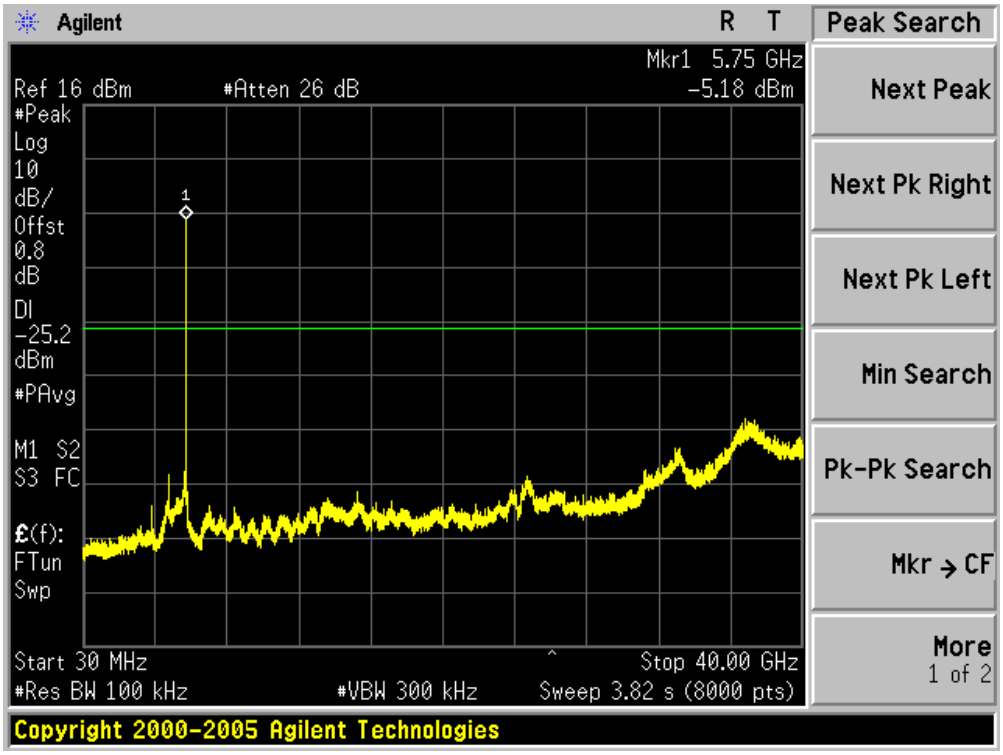


Channel 11 (2462MHz)

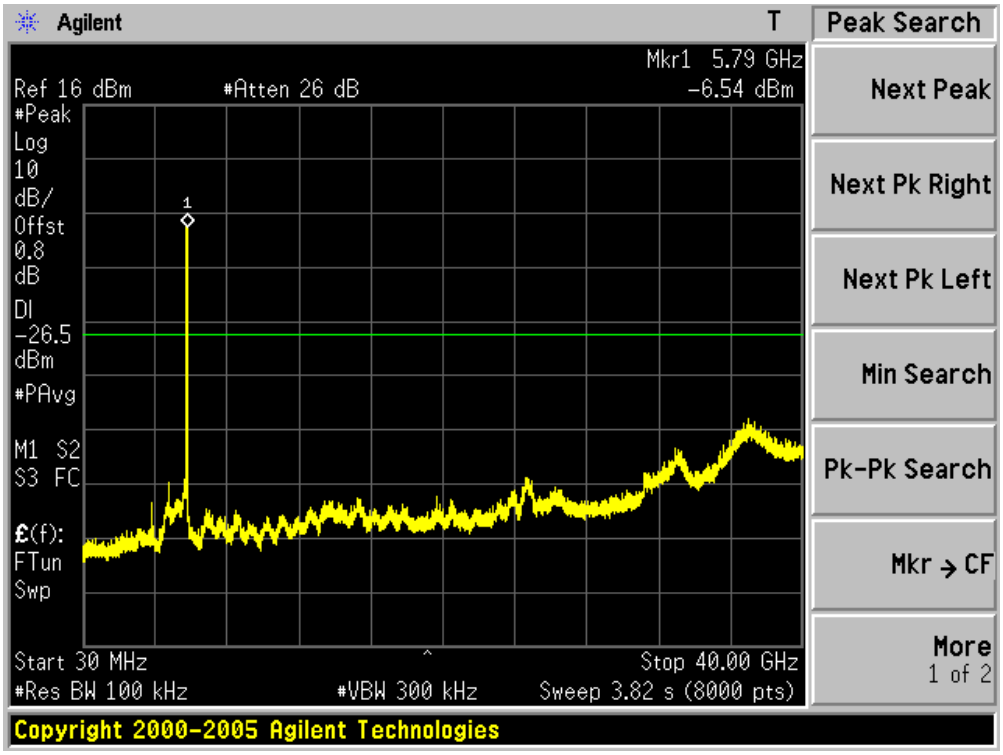


Product	:	Flip Share TV(USB Dongle)
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	AC-6
Test Mode	:	Mode 3: Transmit by 802.11a (Chain 1)

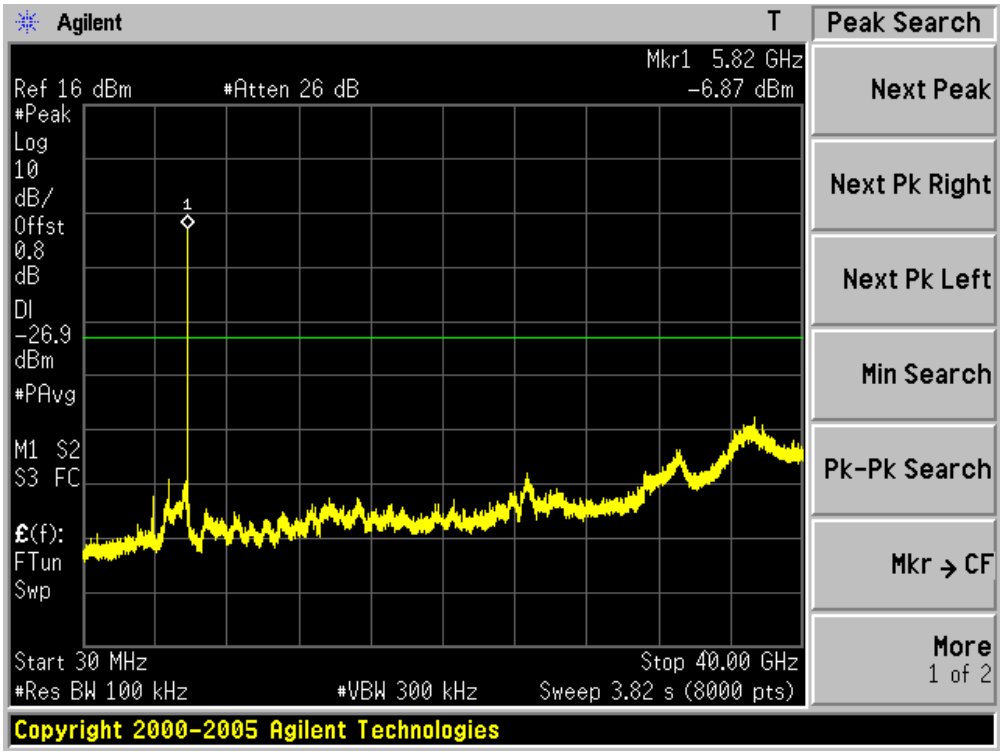
Channel 149 (5745MHz)



Channel 157 (5785MHz)

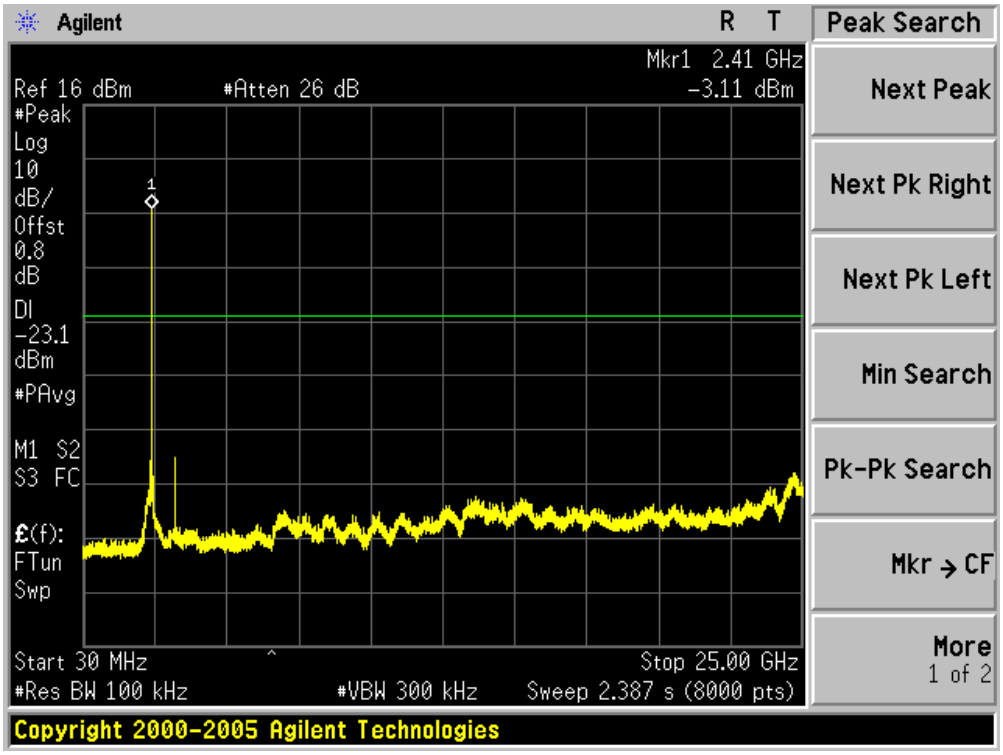


Channel 165 (5825MHz)

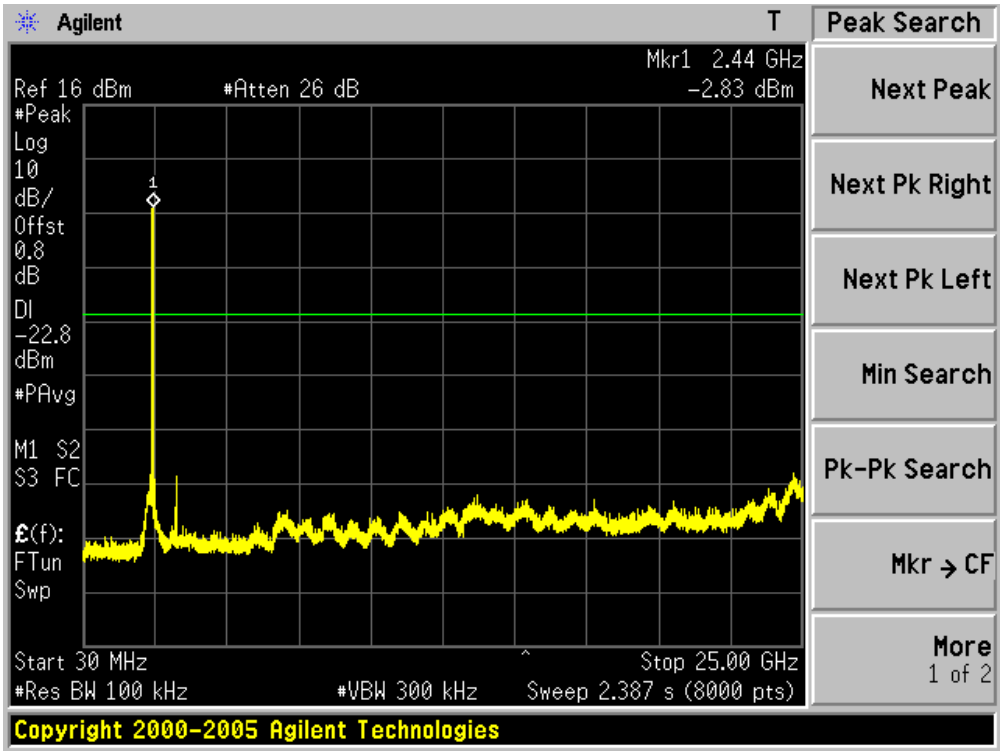


Product	:	Flip Share TV(USB Dongle)
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	AC-6
Test Mode	:	Mode 4: Transmit by 802.11n (20MHz) (Chain 1)

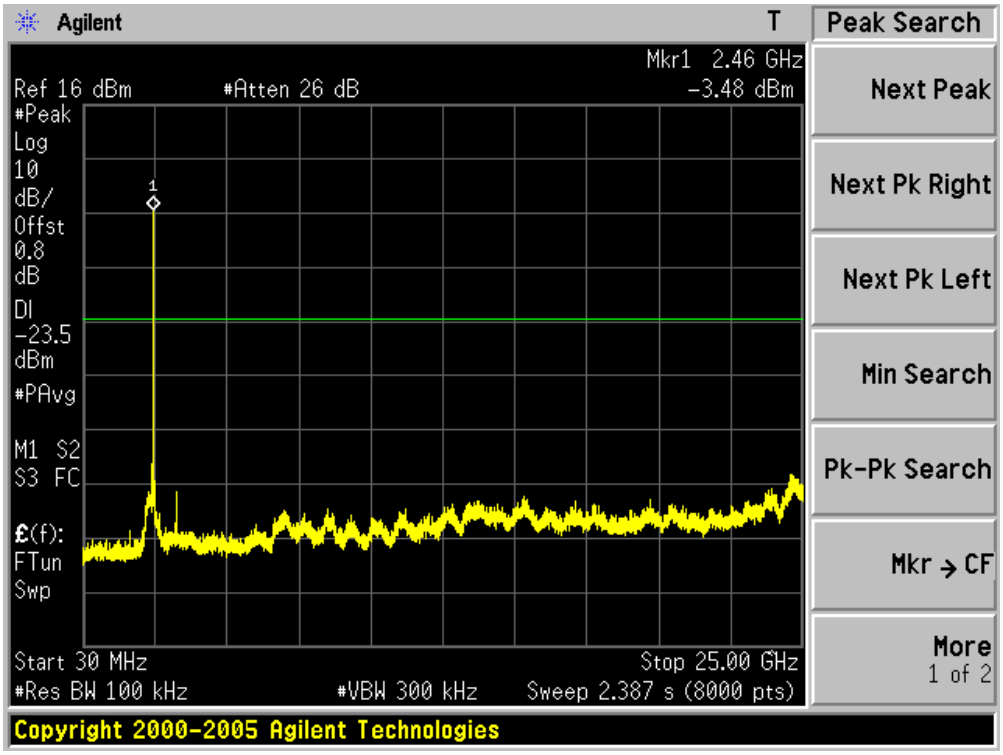
Channel 01 (2412MHz)



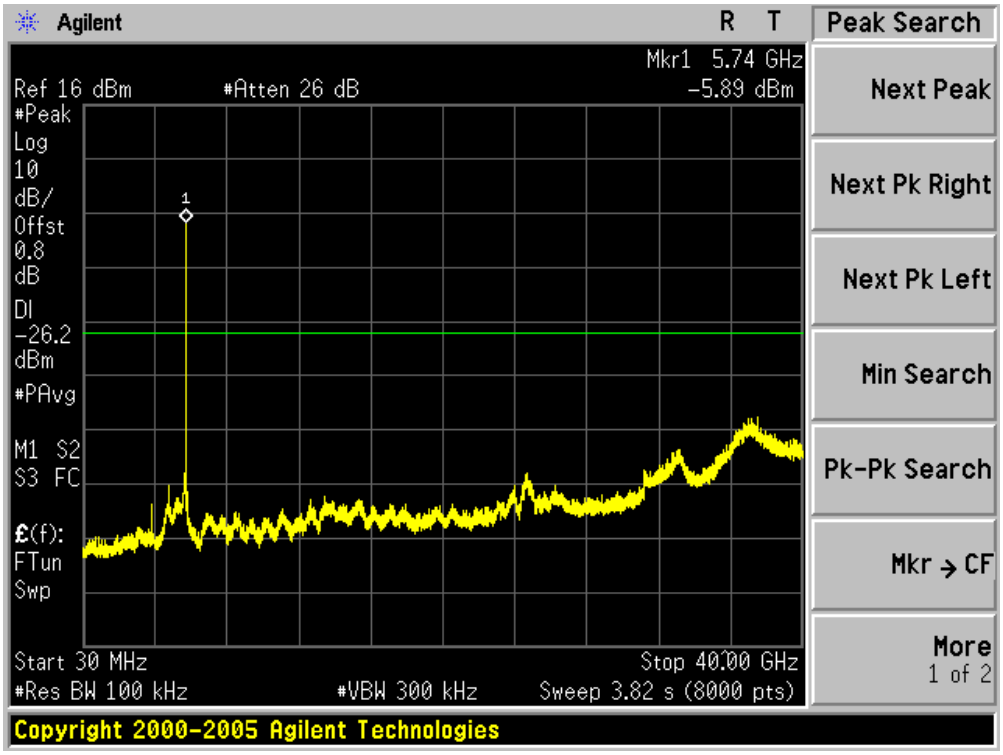
Channel 06 (2437MHz)



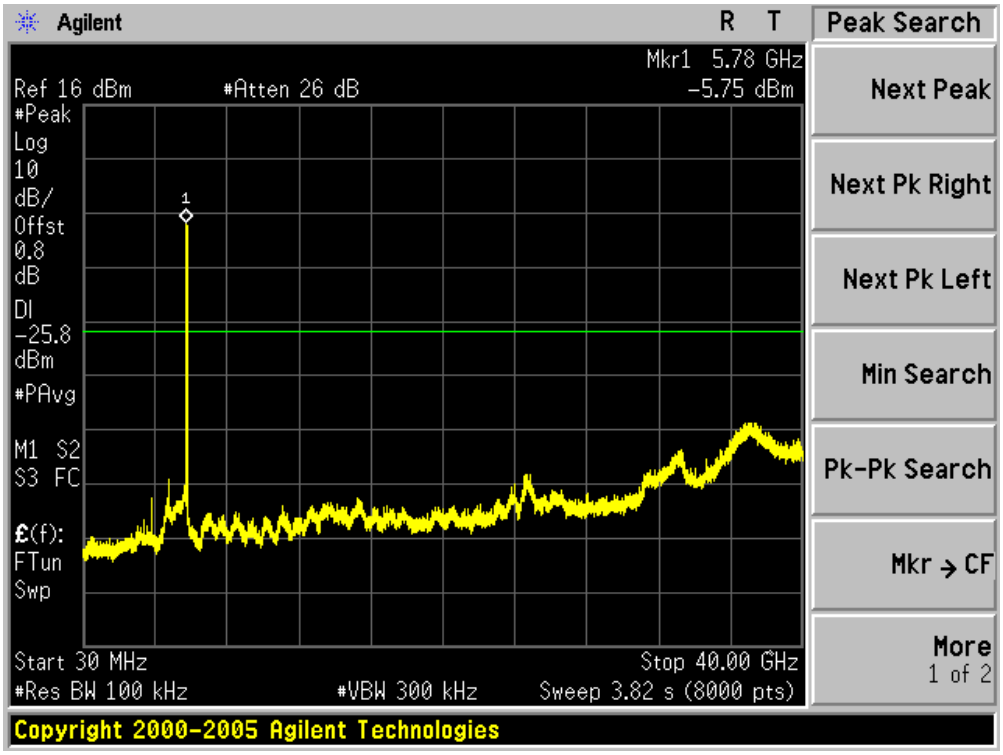
Channel 11 (2462MHz)



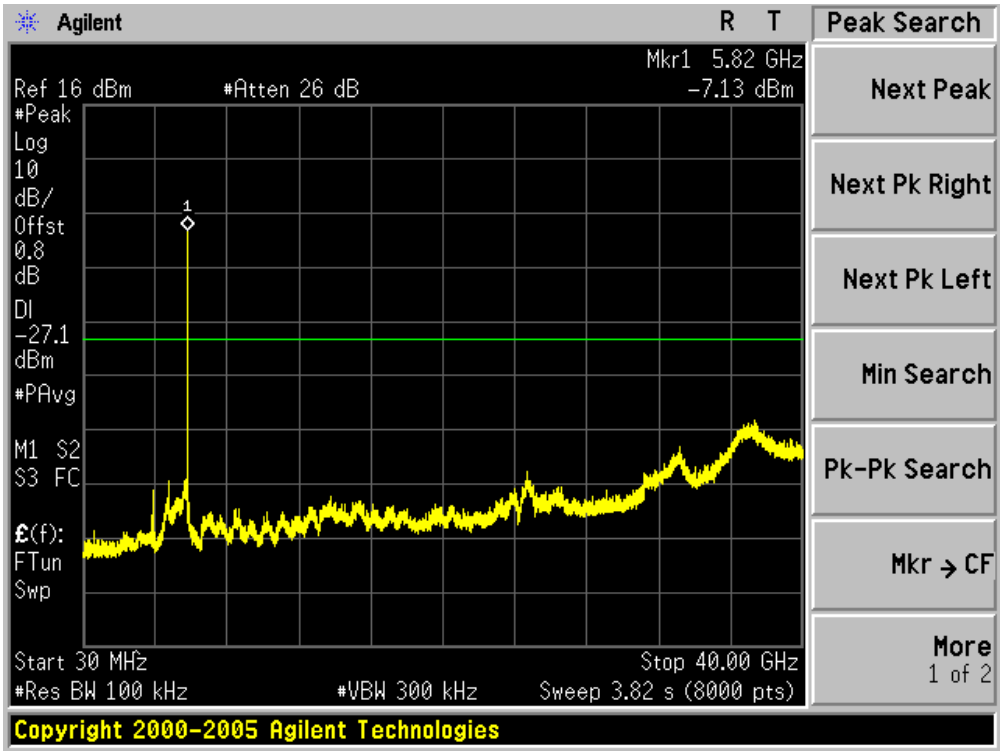
Channel 149 (5745MHz)



Channel 157 (5785MHz)

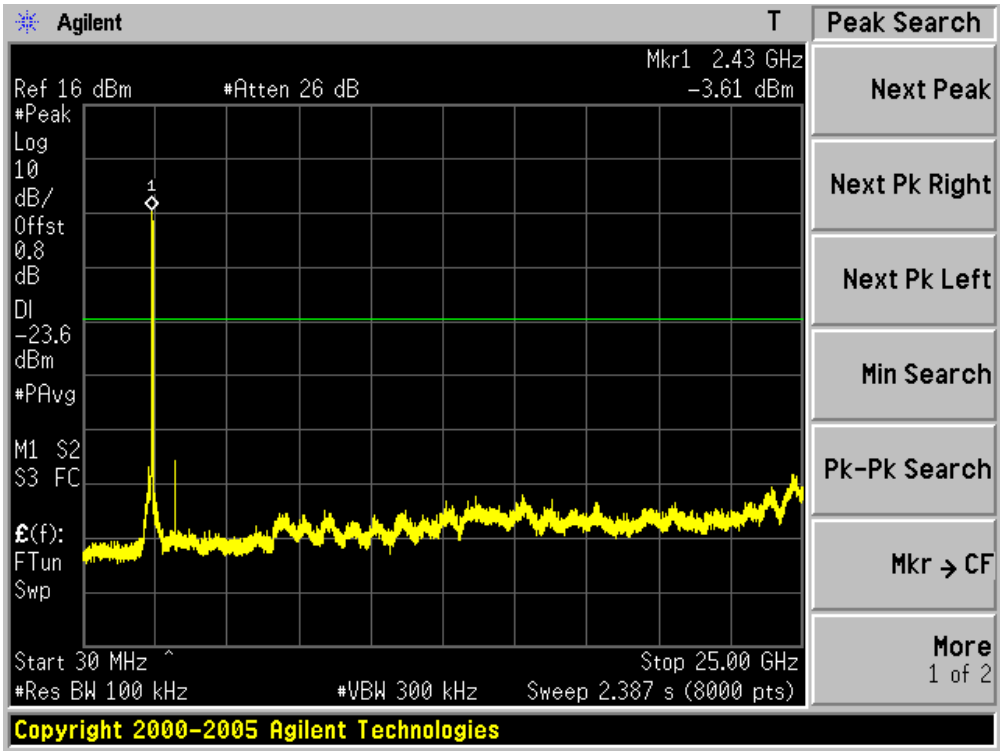


Channel 165 (5825MHz)

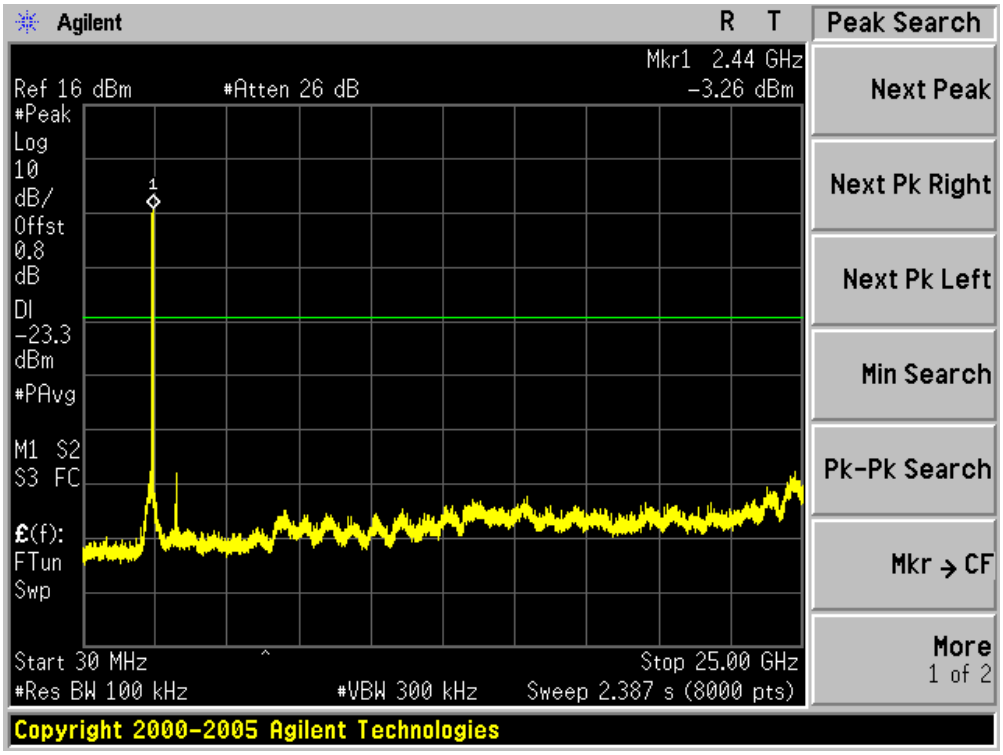


Product	:	Flip Share TV(USB Dongle)
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	AC-6
Test Mode	:	Mode 5: Transmit by 802.11n (40MHz) (Chain 1)

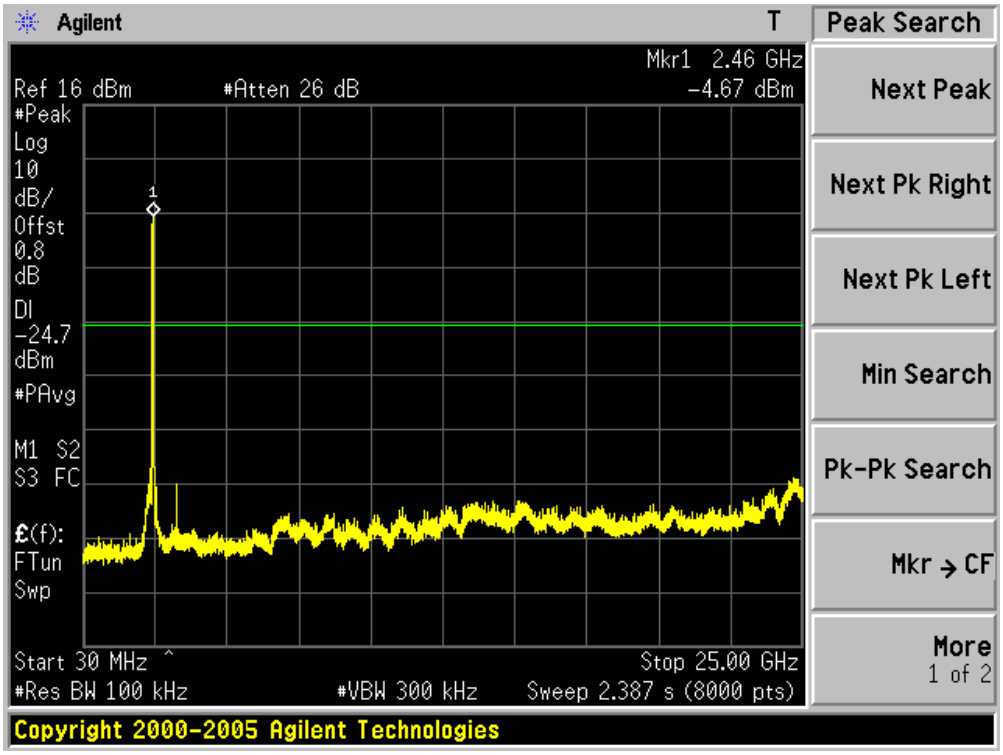
Channel 03 (2422MHz)



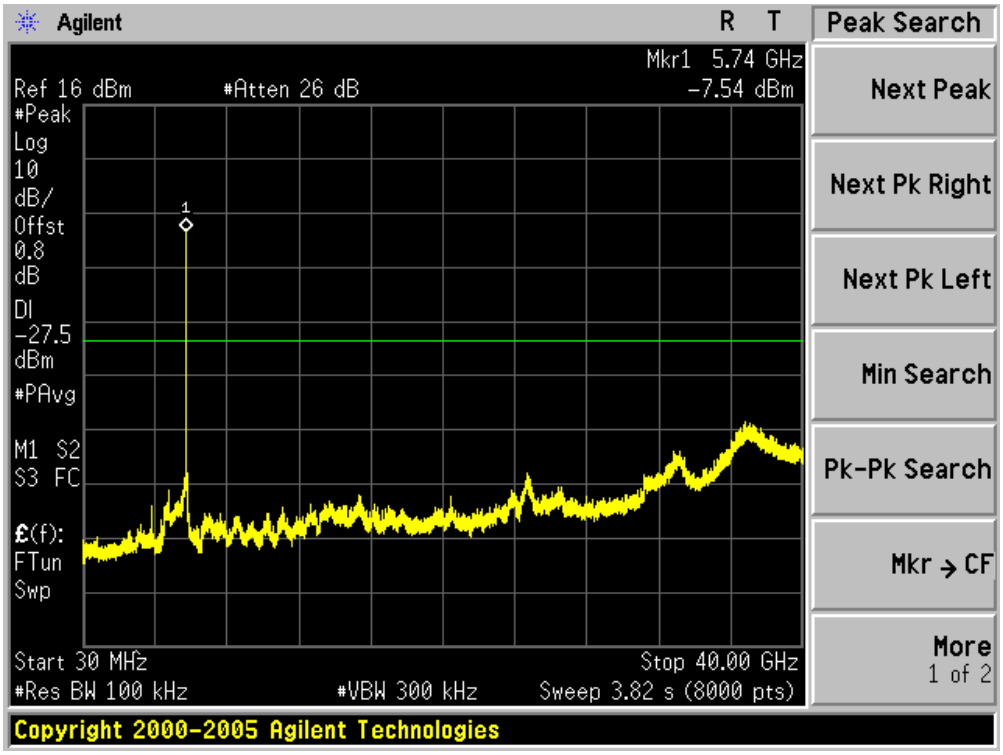
Channel 06 (2437MHz)



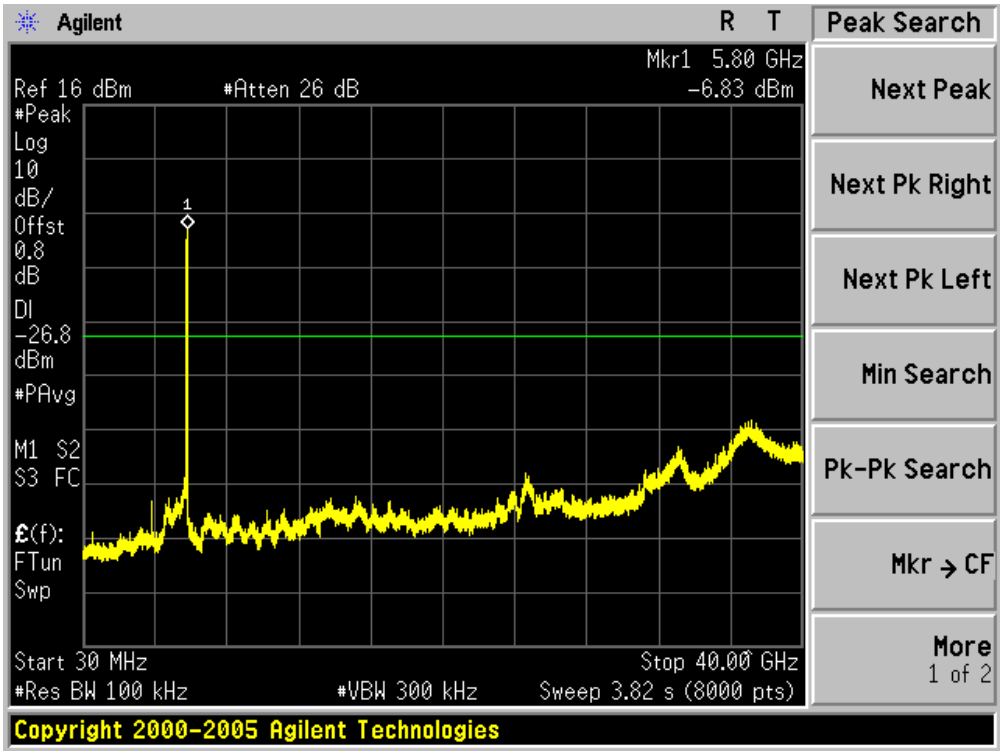
Channel 09 (2452MHz)



Channel 151 (5755MHz)



Channel 159 (5795MHz)



6. Radiated Emission Band Edge

6.1. Test Equipment

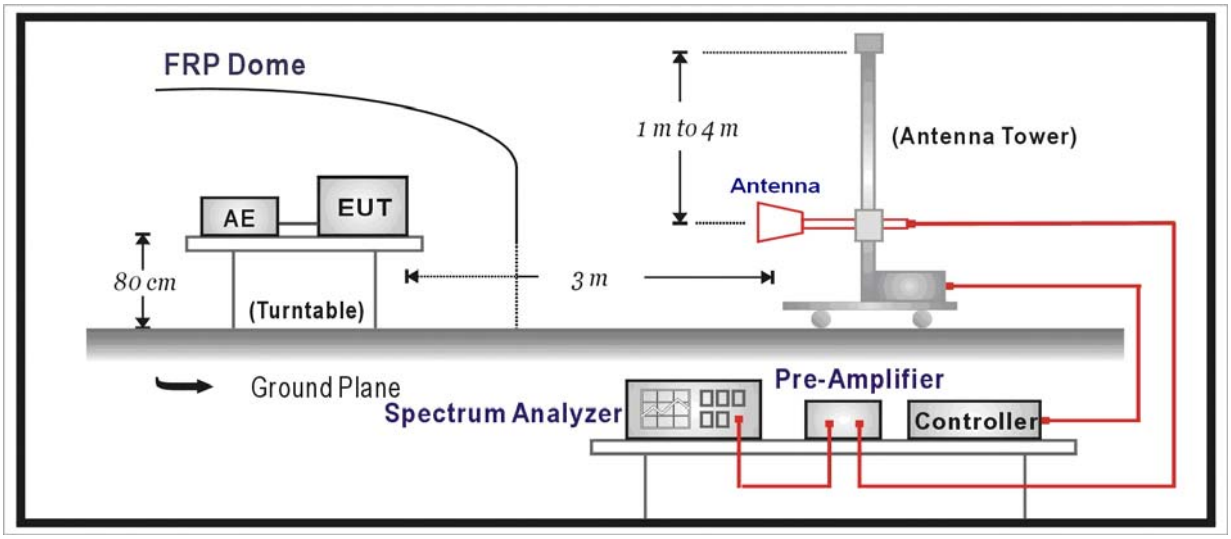
☒Radiated Emission / AC-2

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2009/06/11
Broad-Band Horn Antenna	Schwarzbeck	BBHA9120D	496	2008/11/25
Coaxial Cable	Huber+Suhner	AC2-C	04	2008/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH002	2009/03/31

Note 1: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

Note 2: The test instruments marked with “X” are used to measure the final test results.

6.2. Test Setup



6.3. Limit

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part 15, must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).

6.4. Test Procedure

The EUT was setup according to ANSI C63.4, 2003 and tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.
The EUT is placed on a turn table which is 0.8 meter above ground. The turn table is rotated 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 is scanned from 1 meter to 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.4:2003 on radiated measurement.

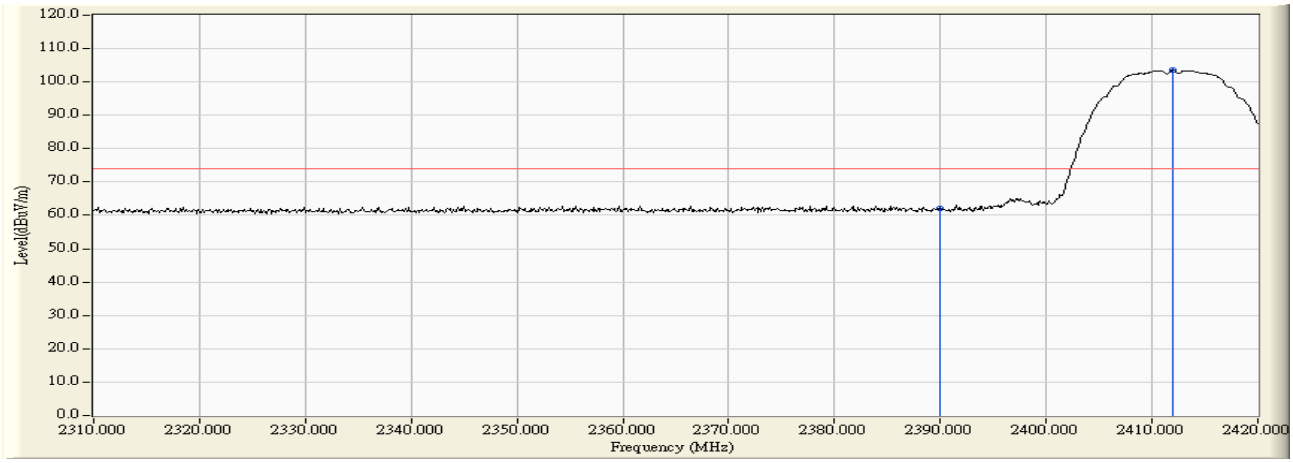
6.5. Uncertainty

The measurement uncertainty above 1G is defined as ± 3.9 dB

6.6. Test Result

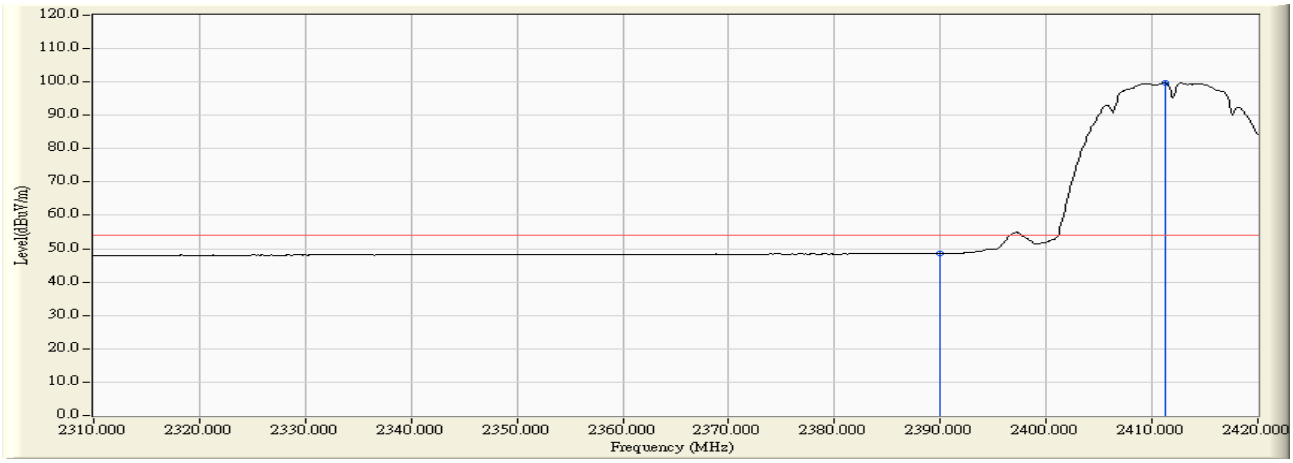
Peak detector: RBW = 1MHz, VBW = 3MHz, sweep time = 200ms;
Average detector: RBW = 1MHz, VBW = 10Hz, sweep time = auto.

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/02 - 20:44**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
Probe : 9120D_499(1-18GHz) - HORIZONTAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 1: Transmit at Channel 2412MHz by 802.11b(chain 0)**



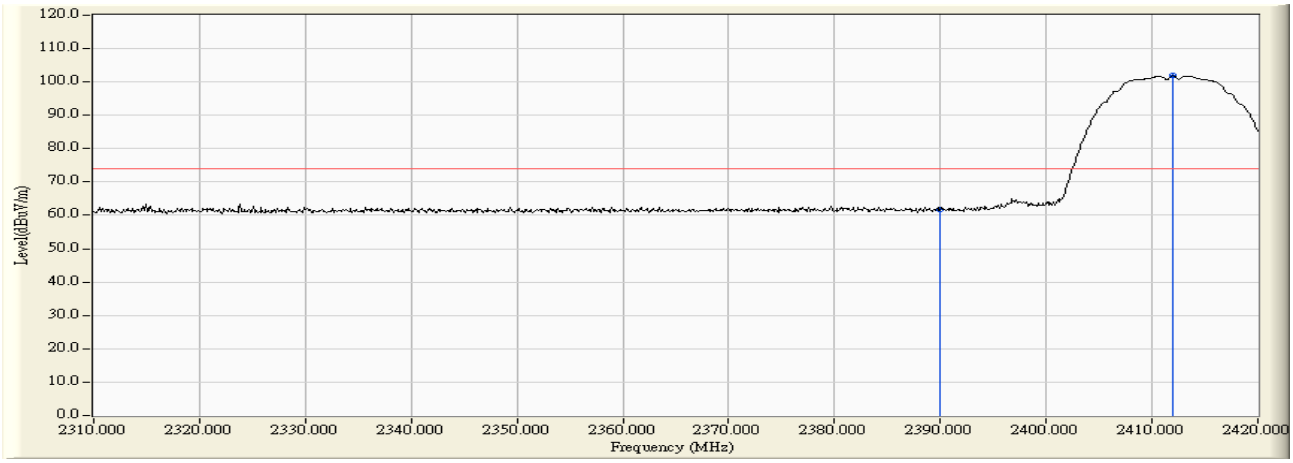
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	30.990	62.174	-11.796	73.970	PEAK
2	*	2411.970	31.190	72.376	103.566	N/A	N/A	PEAK

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/02 - 20:44**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
Probe : 9120D_499(1-18GHz) - HORIZONTAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 1: Transmit at Channel 2412MHz by 802.11b(chain 0)**



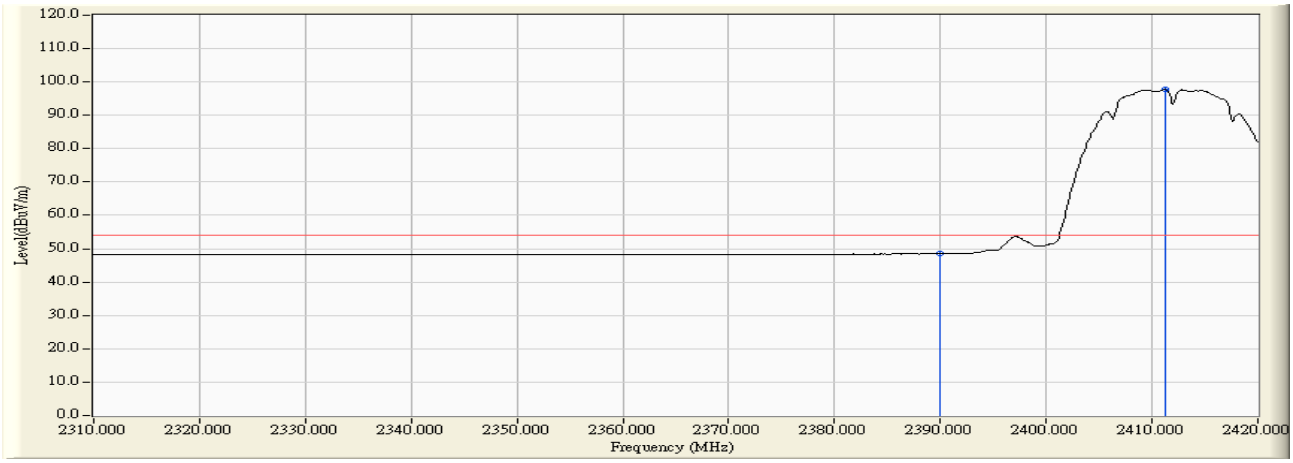
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	17.456	48.640	-5.330	53.970	AVERAGE
2	*	2411.200	31.190	68.567	99.757	N/A	N/A	AVERAGE

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/02 - 20:40**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
Probe : 9120D_499(1-18GHz) - VERTICAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 1: Transmit at Channel 2412MHz by 802.11b(chain 0)**



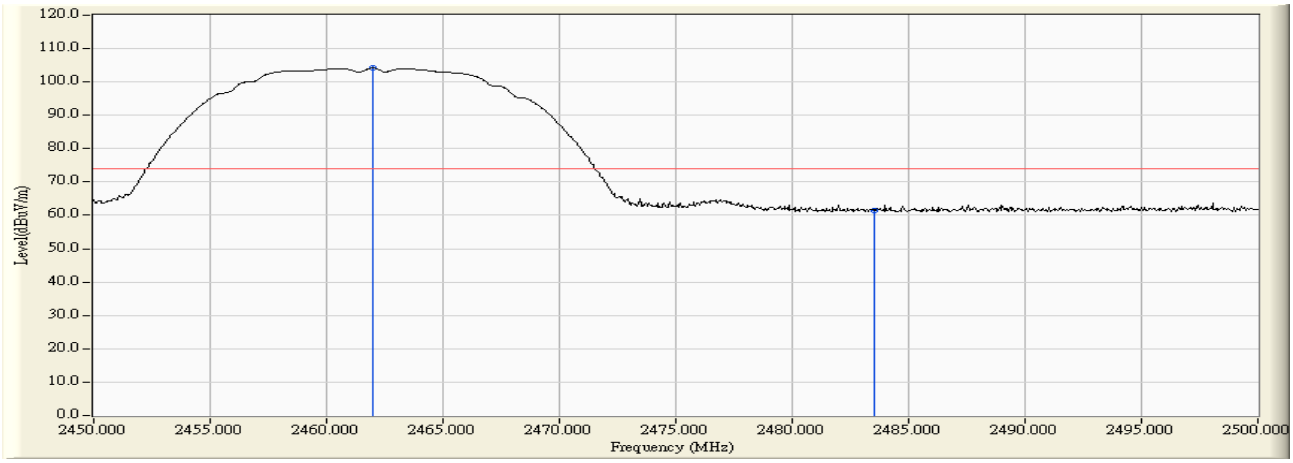
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	30.566	61.750	-12.220	73.970	PEAK
2	*	2411.970	31.190	70.647	101.837	N/A	N/A	PEAK

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/02 - 20:40**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
Probe : 9120D_499(1-18GHz) - VERTICAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 1: Transmit at Channel 2412MHz by 802.11b(chain 0)**



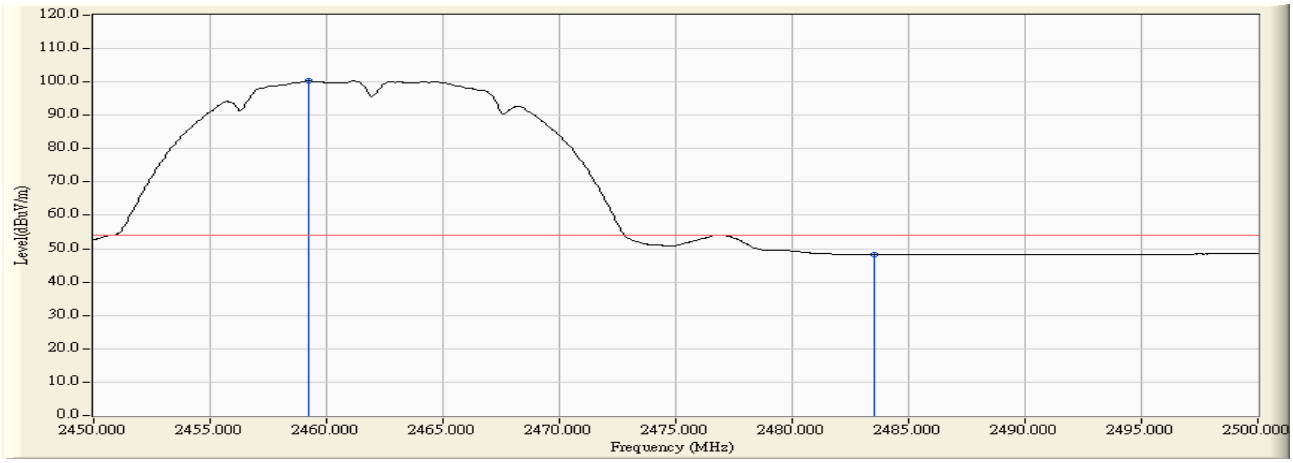
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	17.316	48.500	-5.470	53.970	AVERAGE
2	*	2411.200	31.190	66.590	97.780	N/A	N/A	AVERAGE

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/03 - 17:05**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
Probe : 9120D_499(1-18GHz) - HORIZONTAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 1: Transmit at Channel 2462MHz by 802.11b(chain 0)**



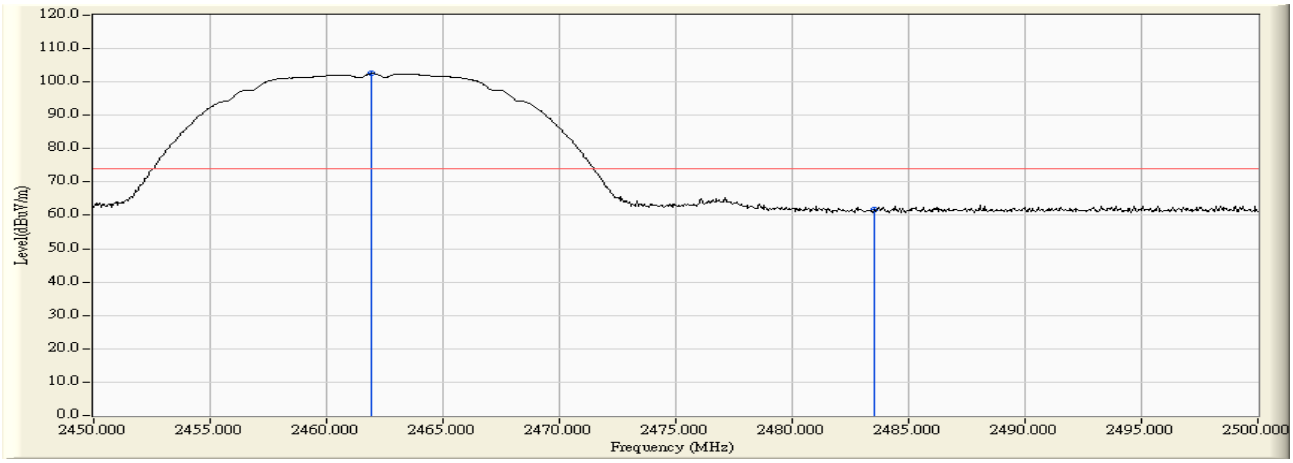
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2462.000	31.225	72.918	104.143	N/A	N/A	PEAK
2		2483.500	31.212	30.229	61.441	-12.529	73.970	PEAK

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/03 - 17:06**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
Probe : 9120D_499(1-18GHz) - HORIZONTAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 1: Transmit at Channel 2462MHz by 802.11b(chain 0)**



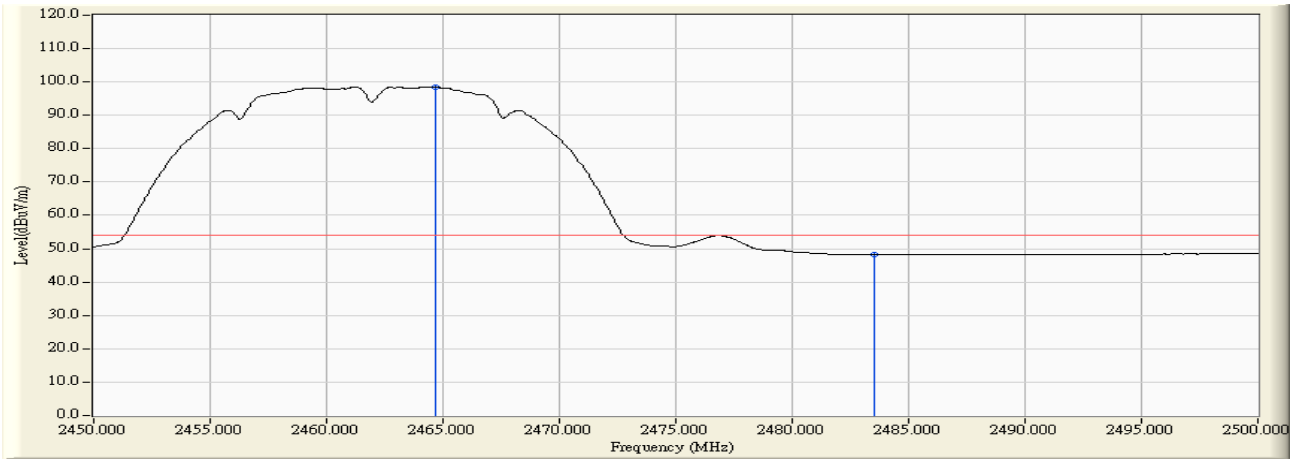
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2459.200	31.224	69.072	100.296	N/A	N/A	AVERAGE
2		2483.500	31.212	17.143	48.355	-5.615	53.970	AVERAGE

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/03 - 17:00**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
Probe : 9120D_499(1-18GHz) - VERTICAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 1: Transmit at Channel 2462MHz by 802.11b(chain 0)**



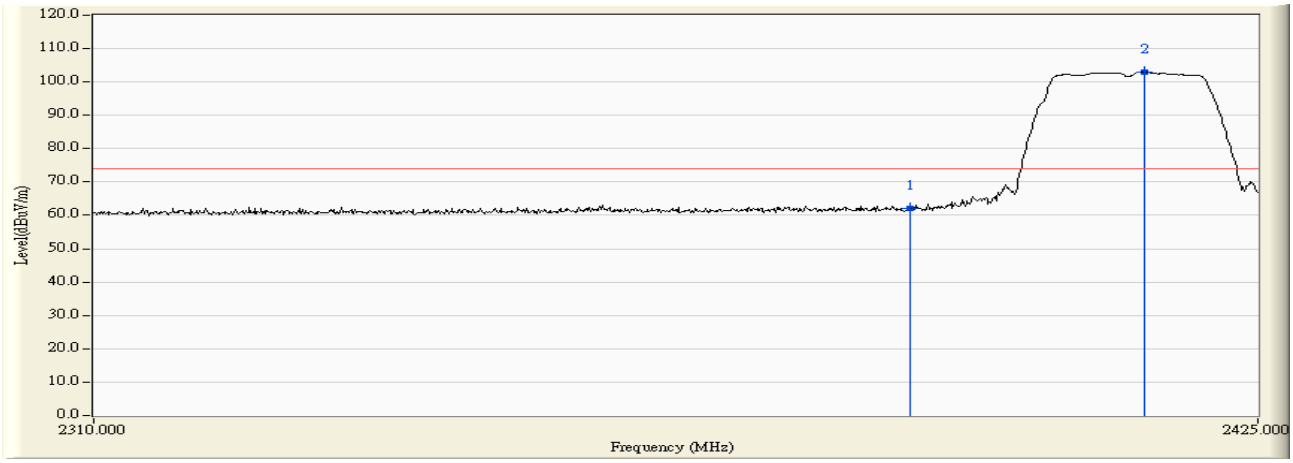
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2461.950	31.225	71.295	102.520	N/A	N/A	PEAK
2		2483.500	31.212	30.538	61.750	-12.220	73.970	PEAK

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/03 - 17:00**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
Probe : 9120D_499(1-18GHz) - VERTICAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 1: Transmit at Channel 2462MHz by 802.11b(chain 0)**



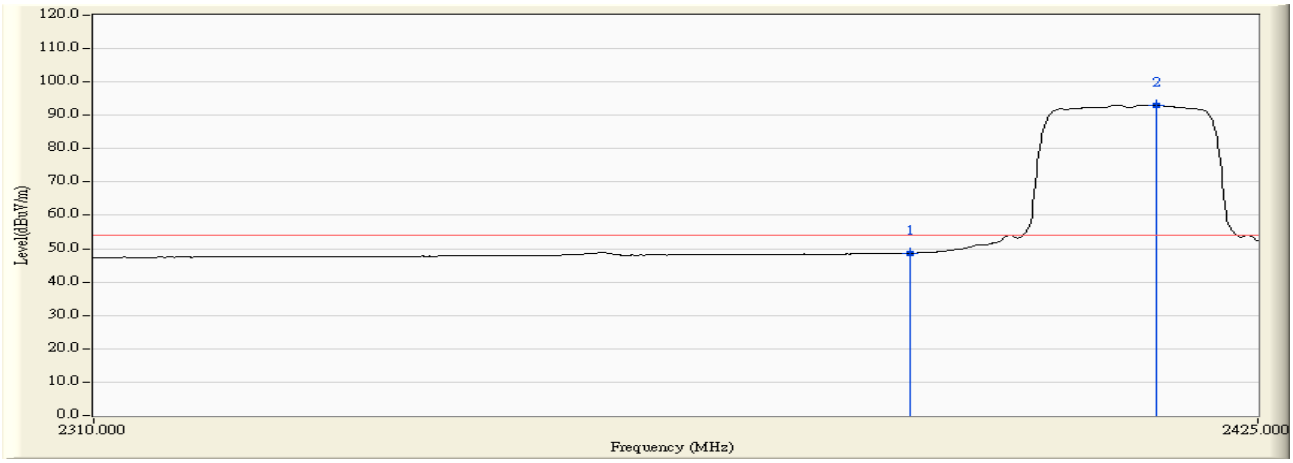
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2464.700	31.223	67.343	98.567	N/A	N/A	AVERAGE
2		2483.500	31.212	17.026	48.238	-5.732	53.970	AVERAGE

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/04 - 10:18**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
Probe : 9120D_499(1-18GHz) - HORIZONTAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 2: Transmit at 2412MHz by 802.11g(chain 0)**



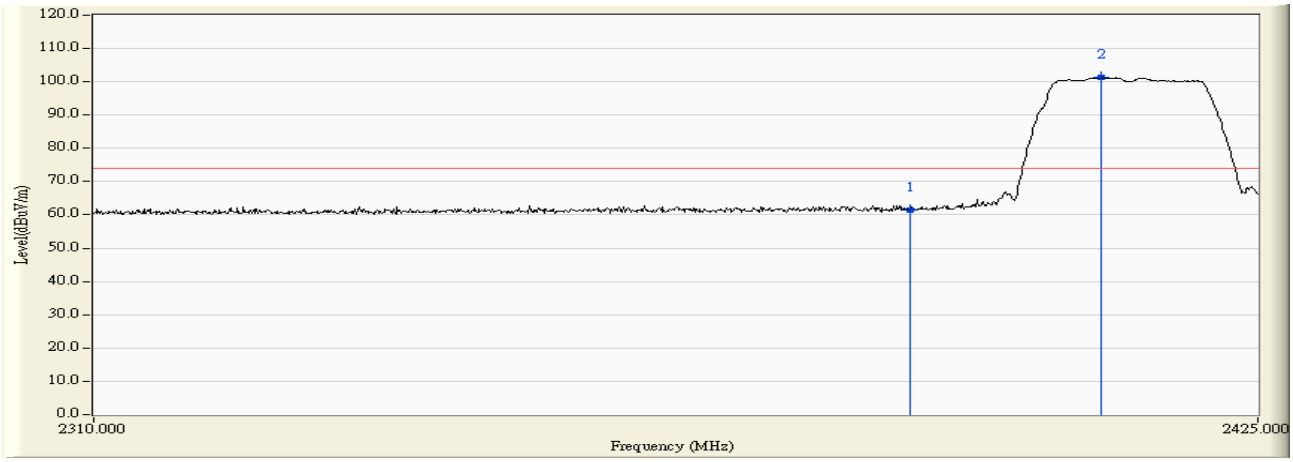
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.595	30.384	61.979	-11.991	73.970	PEAK
2	*	2413.500	31.679	71.430	103.109	N/A	N/A	PEAK

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/04 - 10:19**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
Probe : 9120D_499(1-18GHz) - HORIZONTAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 2: Transmit at 2412MHz by 802.11g(chain 0)**



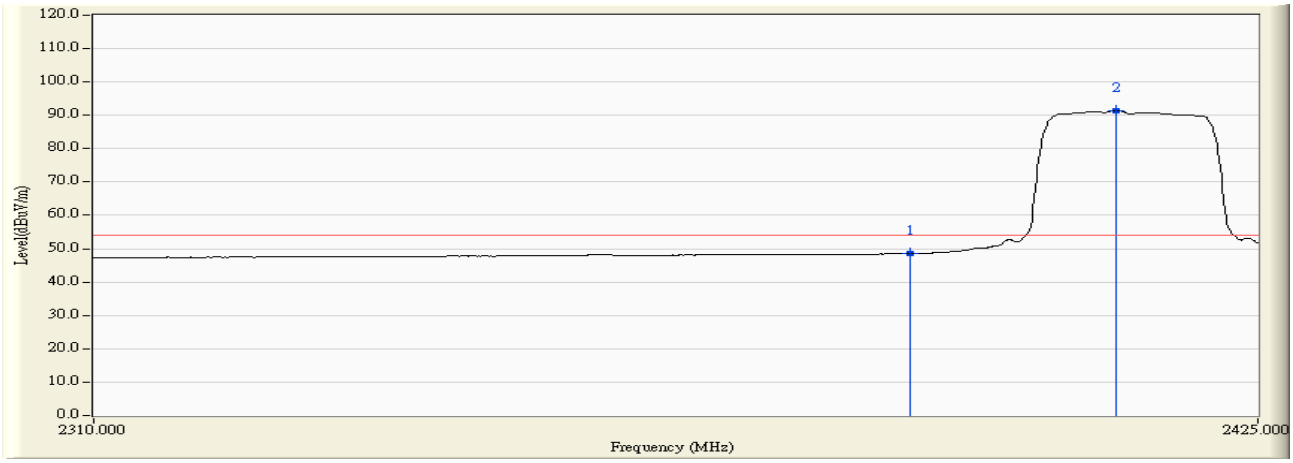
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.595	17.074	48.669	-5.301	53.970	AVERAGE
2	*	2414.765	31.678	61.426	93.104	N/A	N/A	AVERAGE

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/04 - 10:15**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
Probe : 9120D_499(1-18GHz) - VERTICAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 2: Transmit at 2412MHz by 802.11g(chain 0)**



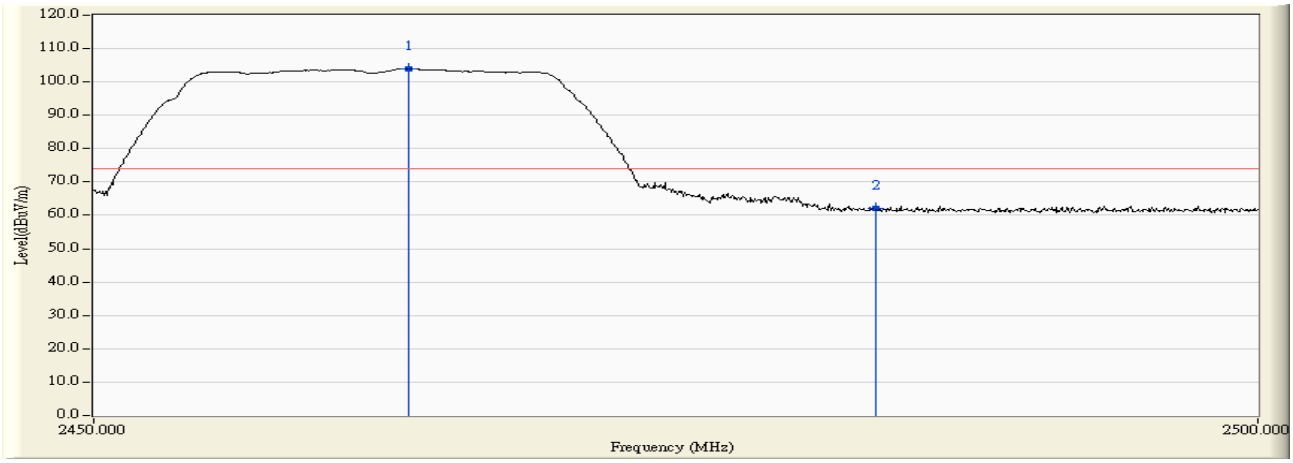
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.595	29.816	61.411	-12.559	73.970	PEAK
2	*	2409.245	31.675	69.561	101.236	27.266	73.970	PEAK

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/04 - 10:15**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
Probe : 9120D_499(1-18GHz) - VERTICAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 2: Transmit at 2412MHz by 802.11g(chain 0)**



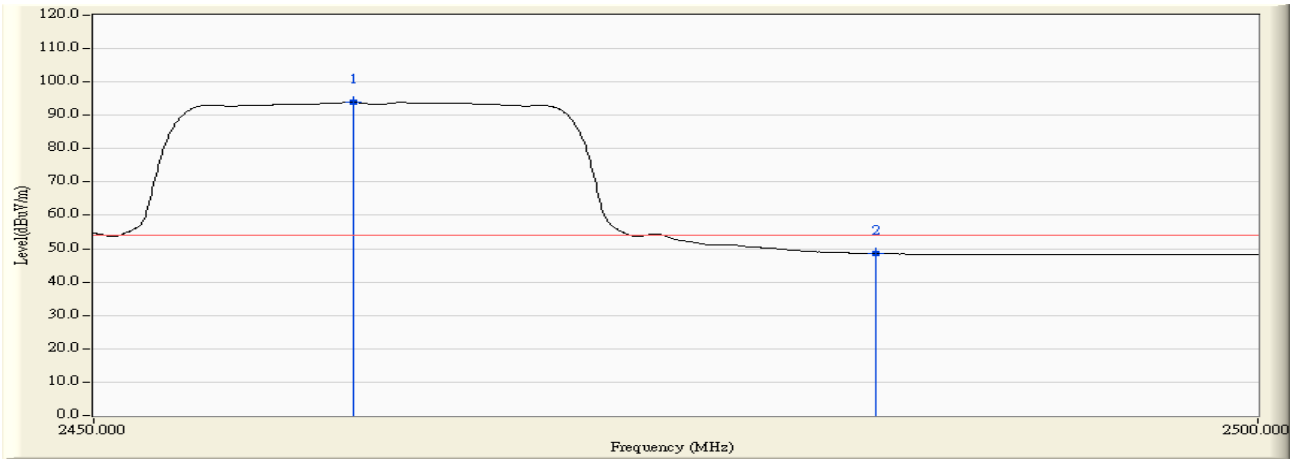
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.595	16.933	48.528	-5.442	53.970	AVERAGE
2	*	2410.740	31.679	59.698	91.377	N/A	N/A	AVERAGE

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/04 - 10:06**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
Probe : 9120D_499(1-18GHz) - HORIZONTAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 2: Transmit at 2462MHz by 802.11g(chain 0)**



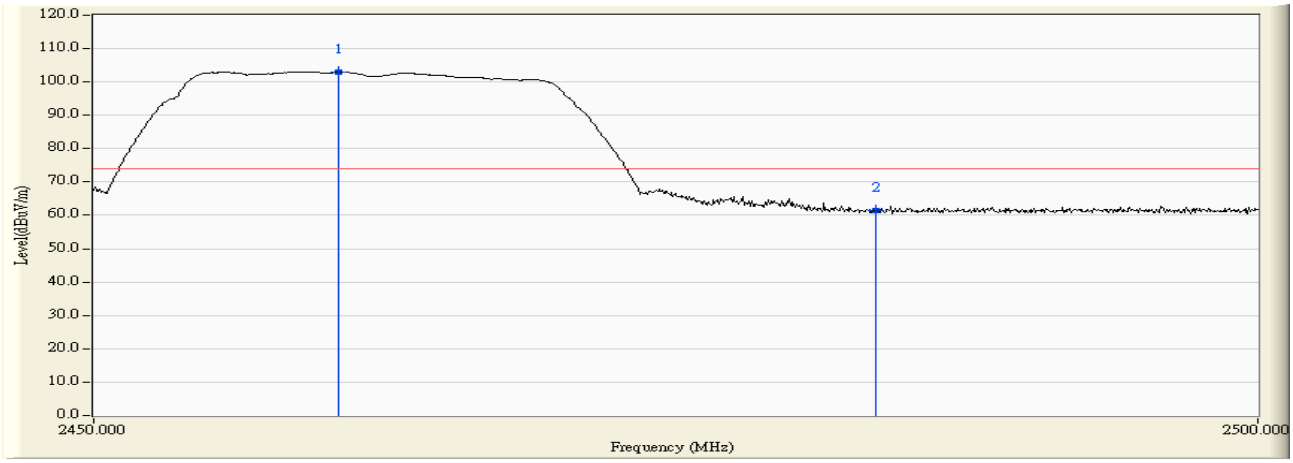
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2463.450	31.480	72.505	103.985	N/A	N/A	PEAK
2		2483.500	31.206	30.797	62.003	-11.967	73.970	PEAK

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/04 - 10:06**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
Probe : 9120D_499(1-18GHz) - HORIZONTAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 2: Transmit at 2462MHz by 802.11g(chain 0)**



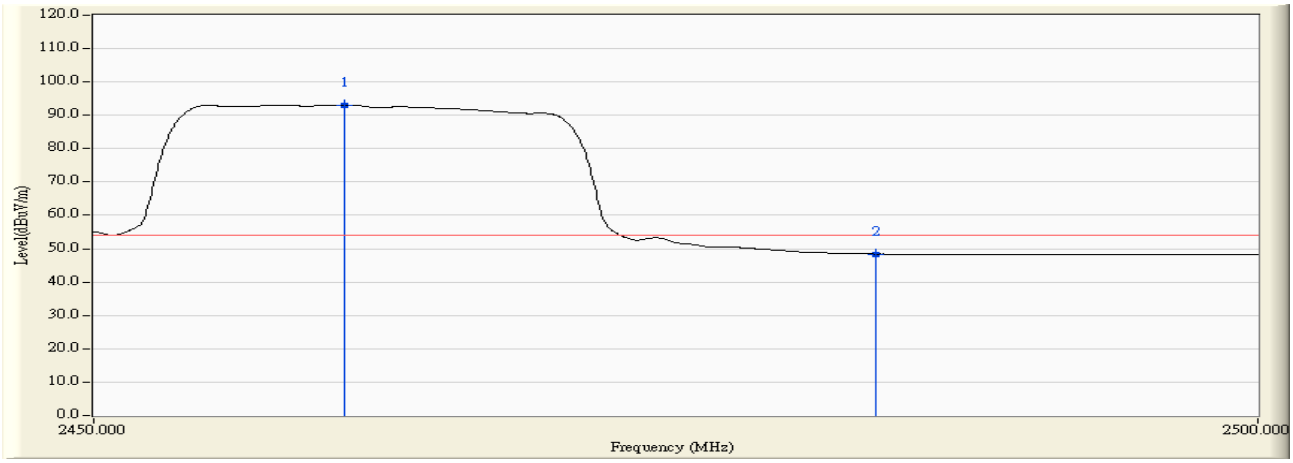
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2461.050	31.509	62.340	93.849	N/A	N/A	AVERAGE
2		2483.500	31.206	17.347	48.553	-5.417	53.970	AVERAGE

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/04 - 10:09**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
Probe : 9120D_499(1-18GHz) - VERTICAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 2: Transmit at 2462MHz by 802.11g(chain 0)**



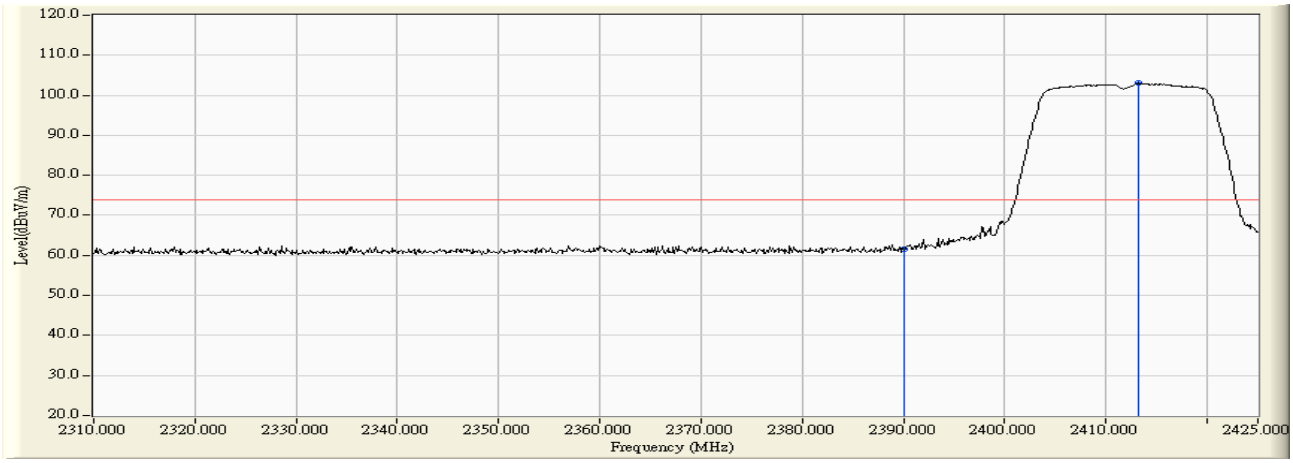
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2460.400	31.515	71.480	102.995	N/A	N/A	PEAK
2		2483.500	31.206	30.189	61.395	-12.575	73.970	PEAK

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/04 - 10:09**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
Probe : 9120D_499(1-18GHz) - VERTICAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 2: Transmit at 2462MHz by 802.11g(chain 0)**



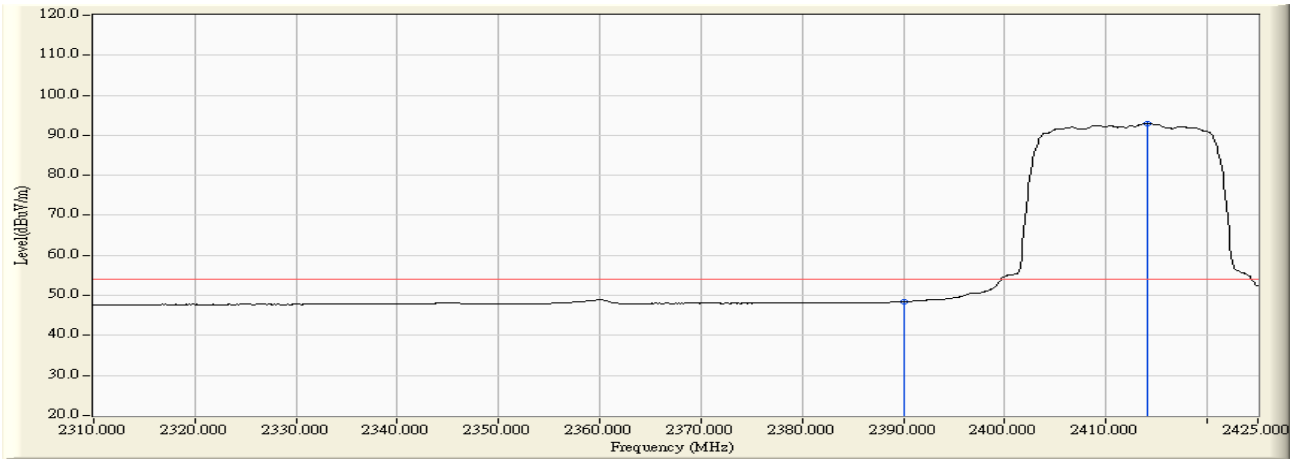
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2460.700	31.512	61.572	93.084	N/A	N/A	AVERAGE
2		2483.500	31.206	17.197	48.403	-5.567	53.970	AVERAGE

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 10:36**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
Probe : 9120D_499(1-18GHz) - HORIZONTAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 4: Transmit at Channel 2412MHz by 802.11n(20MHz)(chain 0)**



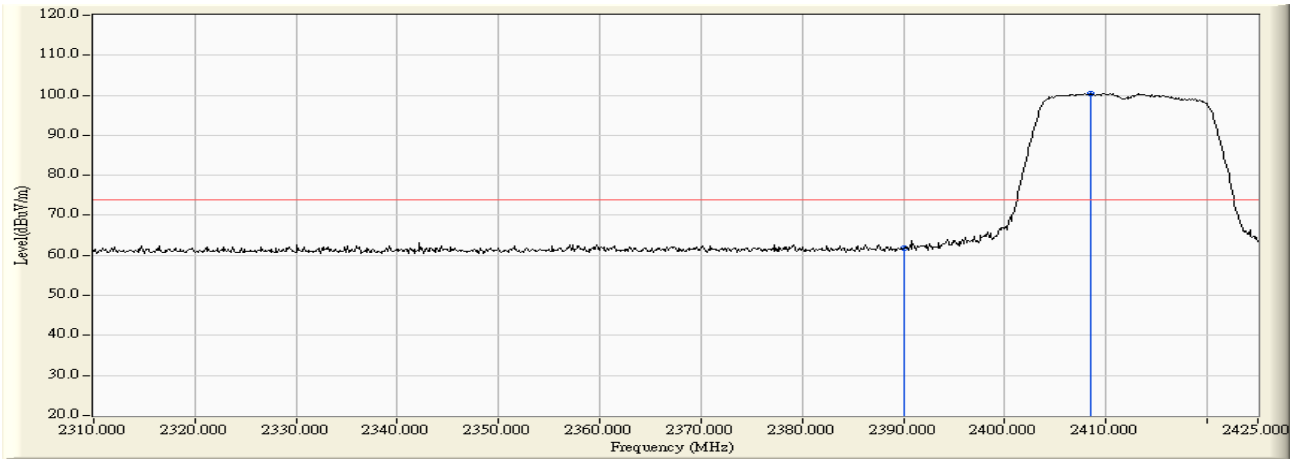
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	30.245	61.429	-12.541	73.970	PEAK
2	*	2413.270	31.192	71.817	103.008	N/A	N/A	PEAK

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 10:37**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
Probe : 9120D_499(1-18GHz) - HORIZONTAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 4: Transmit at Channel 2412MHz by 802.11n(20MHz) (chain 0)**



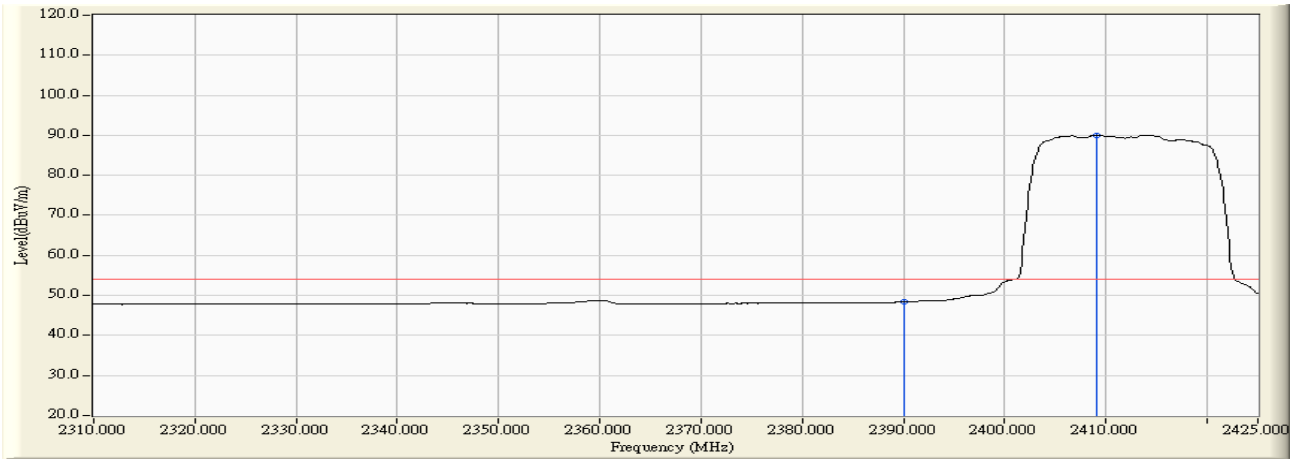
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	17.269	48.453	-5.517	53.970	AVERAGE
2	*	2414.075	31.192	61.701	92.893	N/A	N/A	AVERAGE

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 10:41**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
Probe : 9120D_499(1-18GHz) - VERTICAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 4: Transmit at Channel 2412MHz by 802.11n(20MHz) (chain 0)**



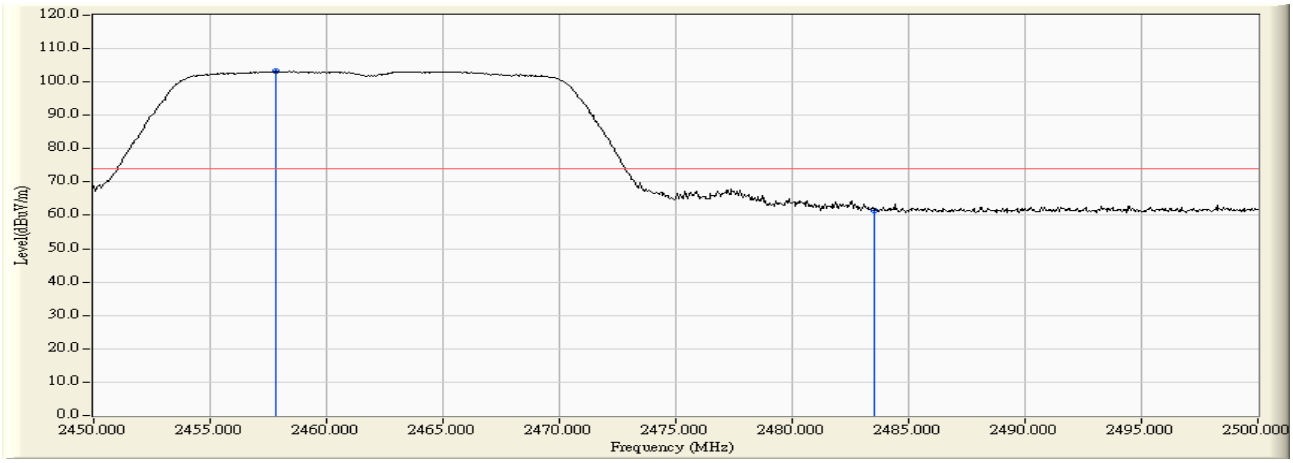
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	30.512	61.696	-12.274	73.970	PEAK
2	*	2408.440	31.189	69.226	100.414	N/A	N/A	PEAK

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 10:42**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
Probe : 9120D_499(1-18GHz) - VERTICAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 4: Transmit at Channel 2412MHz by 802.11n(20MHz) (chain 0)**



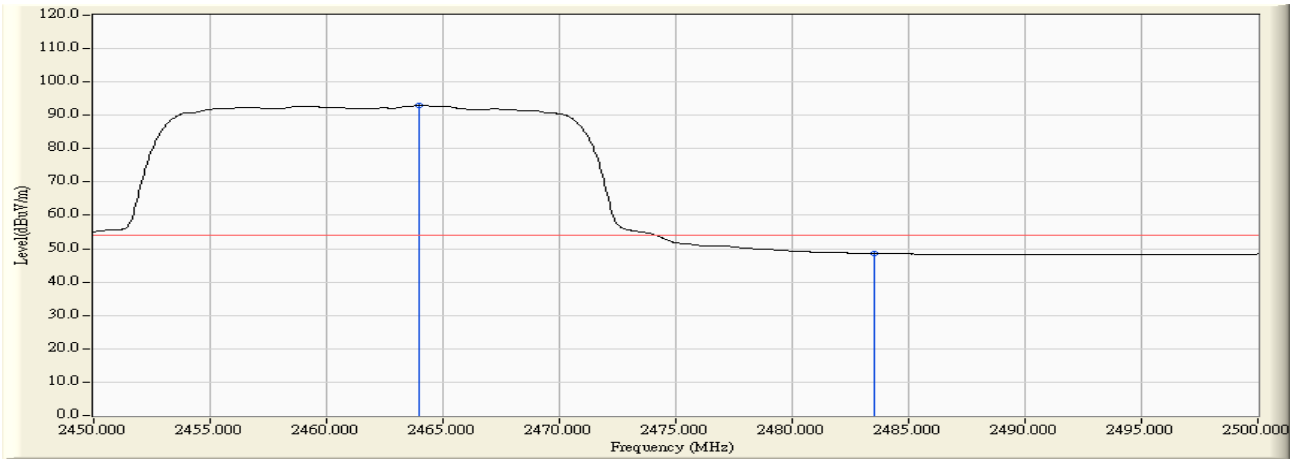
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	17.170	48.354	-5.616	53.970	AVERAGE
2	*	2409.015	31.188	58.915	90.103	N/A	N/A	AVERAGE

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 11:17**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
Probe : 9120D_499(1-18GHz) - HORIZONTAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 4: Transmit at Channel 2462MHz by 802.11n(20MHz) (chain 0)**



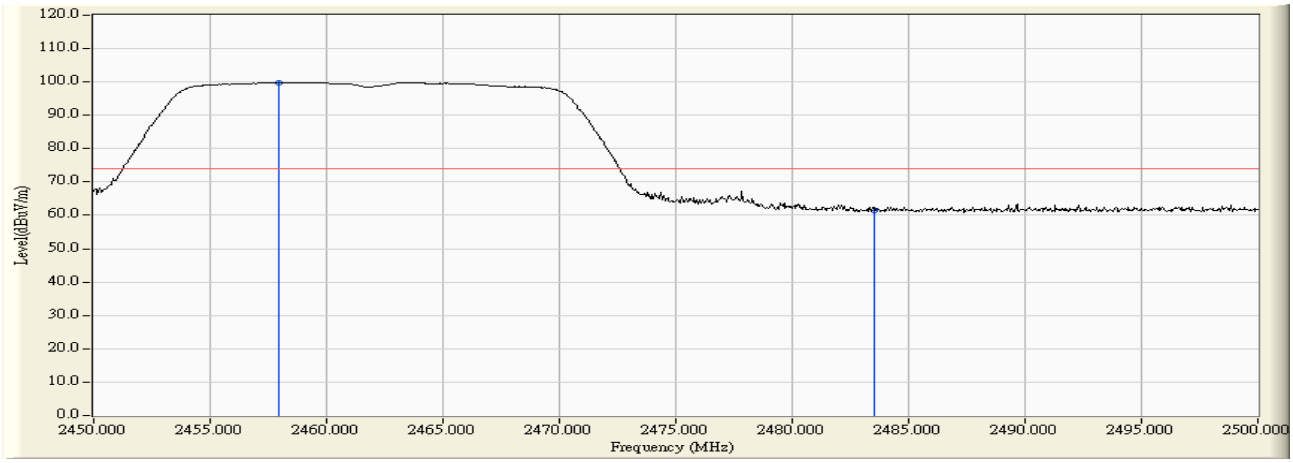
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2457.850	31.224	71.922	103.146	N/A	N/A	PEAK
2		2483.500	31.212	30.175	61.387	-12.583	73.970	PEAK

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 11:17**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
Probe : 9120D_499(1-18GHz) - HORIZONTAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 4: Transmit at Channel 2462MHz by 802.11n(20MHz) (chain 0)**



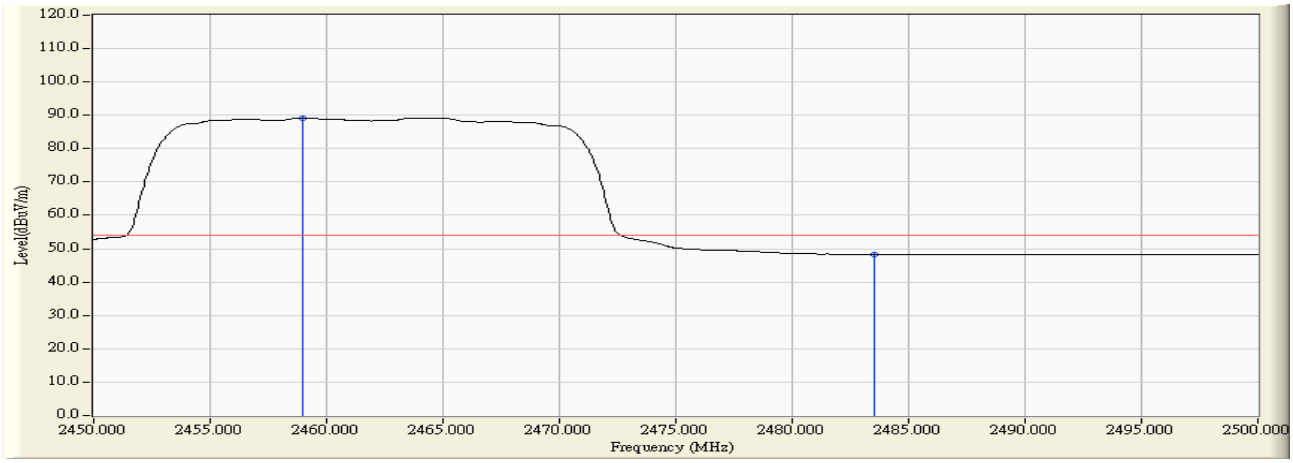
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2464.000	31.224	61.626	92.850	N/A	N/A	AVERAGE
2		2483.500	31.212	17.375	48.587	-5.383	53.970	AVERAGE

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 11:14**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
Probe : 9120D_499(1-18GHz) - VERTICAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 4: Transmit at Channel 2462MHz by 802.11n(20MHz) (chain 0)**



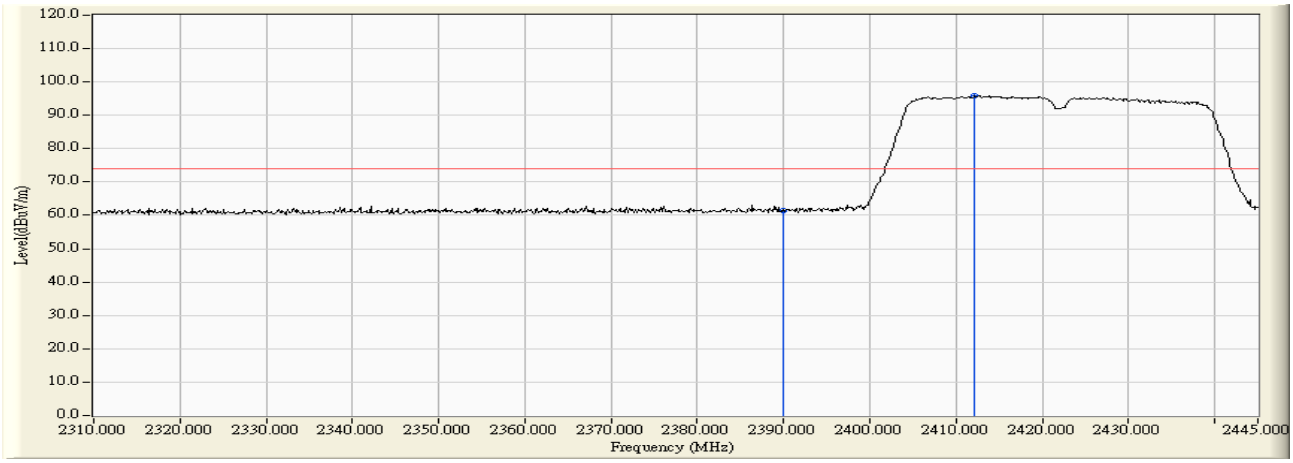
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2457.950	31.224	68.609	99.833	N/A	N/A	PEAK
2		2483.500	31.212	30.210	61.422	-12.548	73.970	PEAK

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 11:14**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
Probe : 9120D_499(1-18GHz) - VERTICAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 4: Transmit at Channel 2462MHz by 802.11n(20MHz) (chain 0)**



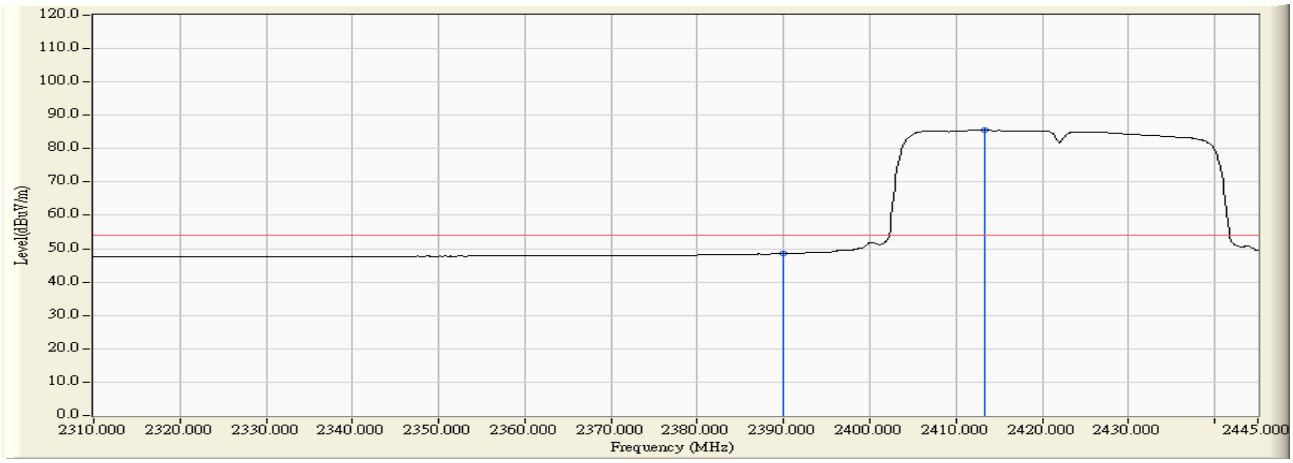
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2458.950	31.224	58.004	89.228	N/A	N/A	AVERAGE
2		2483.500	31.212	17.025	48.237	-5.733	53.970	AVERAGE

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 14:07**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
Probe : 9120D_499(1-18GHz) - HORIZONTAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 5: Transmit at Channel 2422MHz by 802.11n(40MHz)(chain 0)**



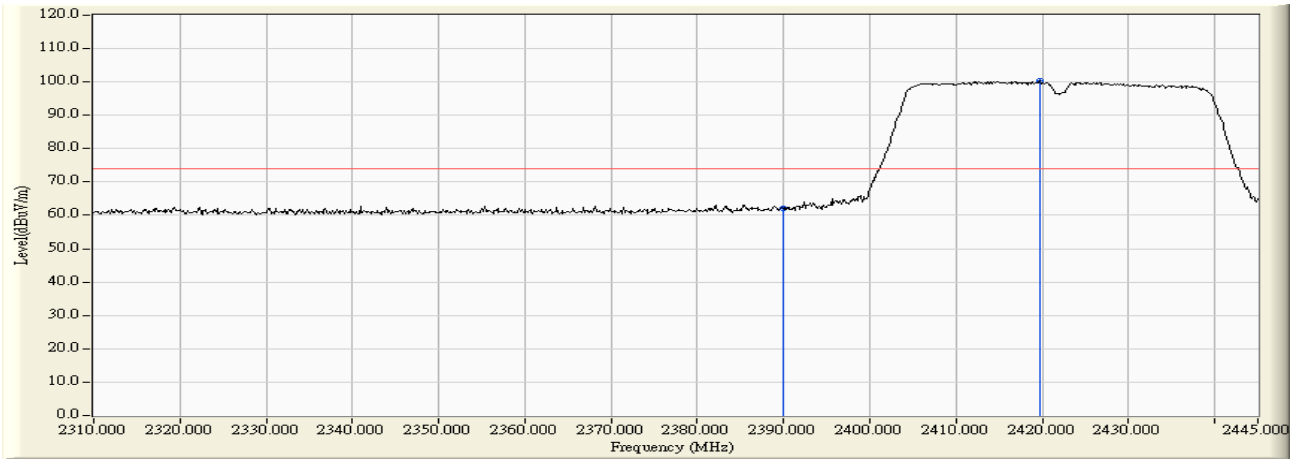
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	30.250	61.434	-12.536	73.970	PEAK
2	*	2412.195	31.190	64.628	95.819	N/A	N/A	PEAK

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 14:07**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
Probe : 9120D_499(1-18GHz) - HORIZONTAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 5: Transmit at Channel 2422MHz by 802.11n(40MHz)(chain 0)**



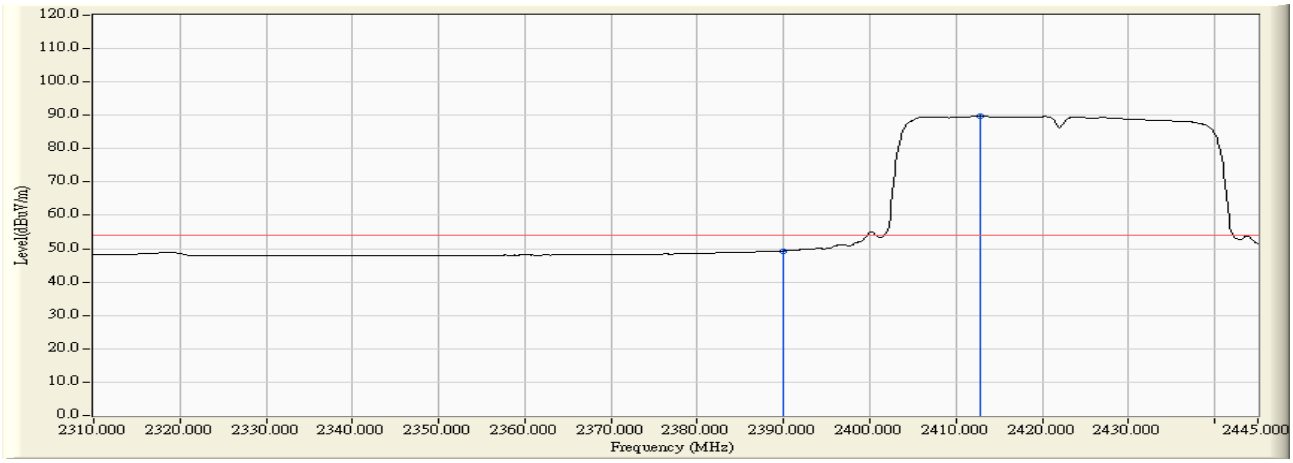
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	17.381	48.565	-5.405	53.970	AVERAGE
2	*	2413.275	31.192	54.376	85.567	N/A	N/A	AVERAGE

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 14:11**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
Probe : 9120D_499(1-18GHz) - VERTICAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 5: Transmit at Channel 2422MHz by 802.11n(40MHz)(chain 0)**



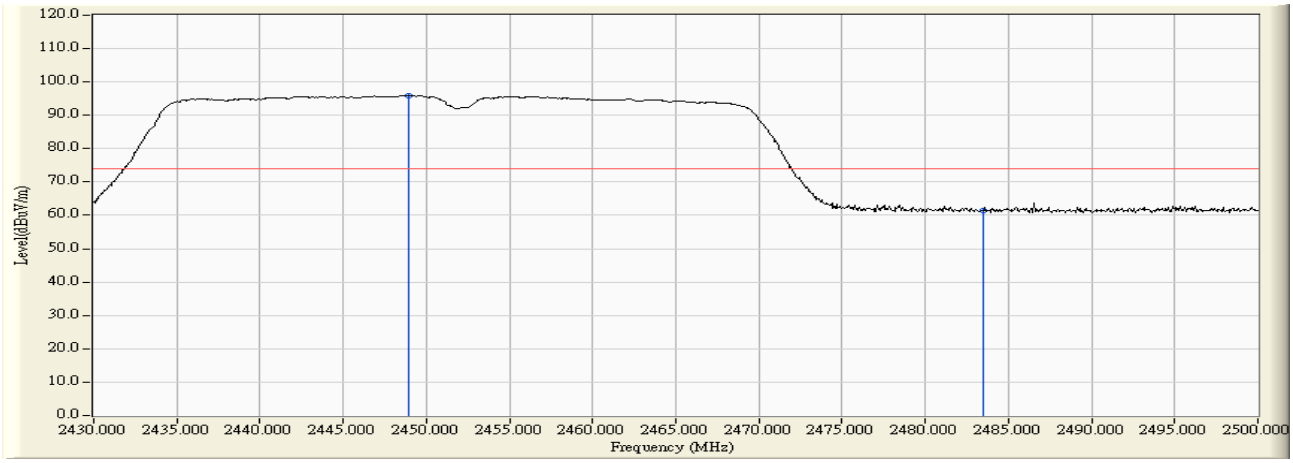
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	30.828	62.012	-11.958	73.970	PEAK
2	*	2419.755	31.197	69.192	100.389	N/A	N/A	PEAK

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 14:11**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
Probe : 9120D_499(1-18GHz) - VERTICAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 5: Transmit at Channel 2422MHz by 802.11n(40MHz)(chain 0)**



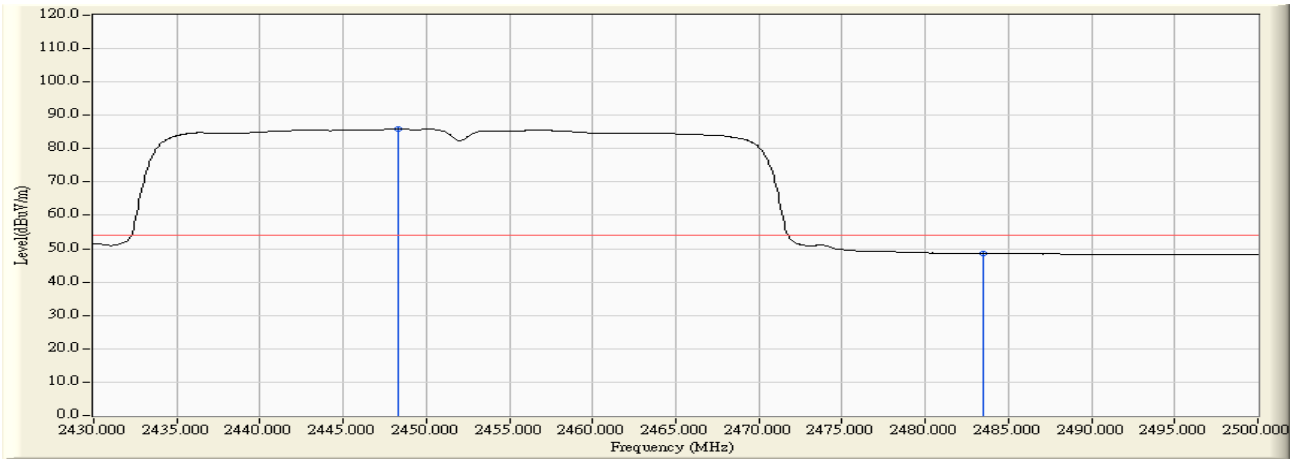
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	18.193	49.377	-4.593	53.970	AVERAGE
2	*	2412.870	31.191	58.471	89.662	N/A	N/A	AVERAGE

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 14:19**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
Probe : 9120D_499(1-18GHz) - HORIZONTAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 5: Transmit at Channel 2452MHz by 802.11n(40MHz)(chain 0)**



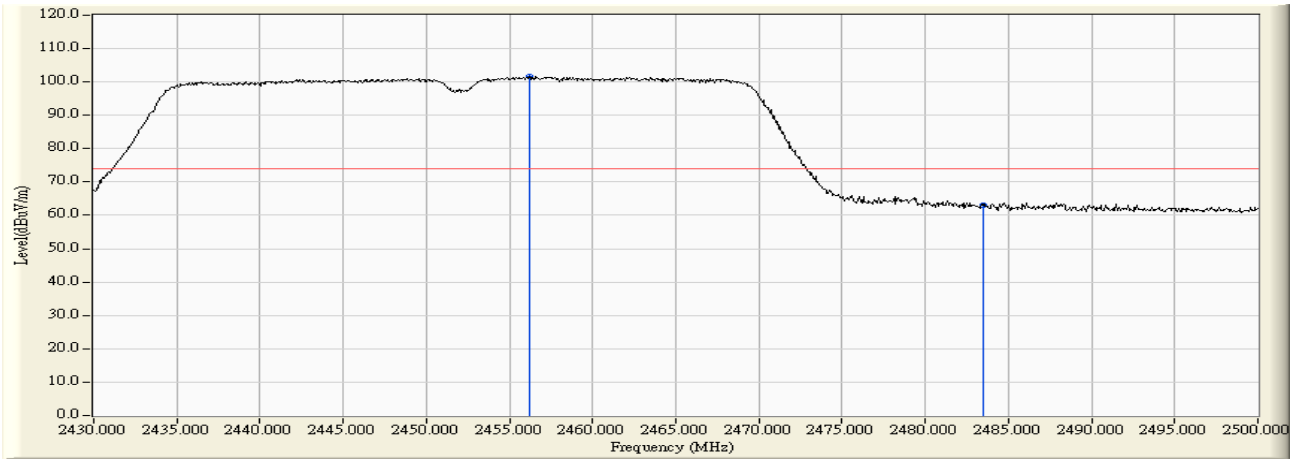
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2448.900	31.220	64.637	95.857	N/A	N/A	PEAK
2		2483.500	31.212	30.258	61.470	-12.500	73.970	PEAK

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 14:19**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
Probe : 9120D_499(1-18GHz) - HORIZONTAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 5: Transmit at Channel 2452MHz by 802.11n(40MHz)(chain 0)**



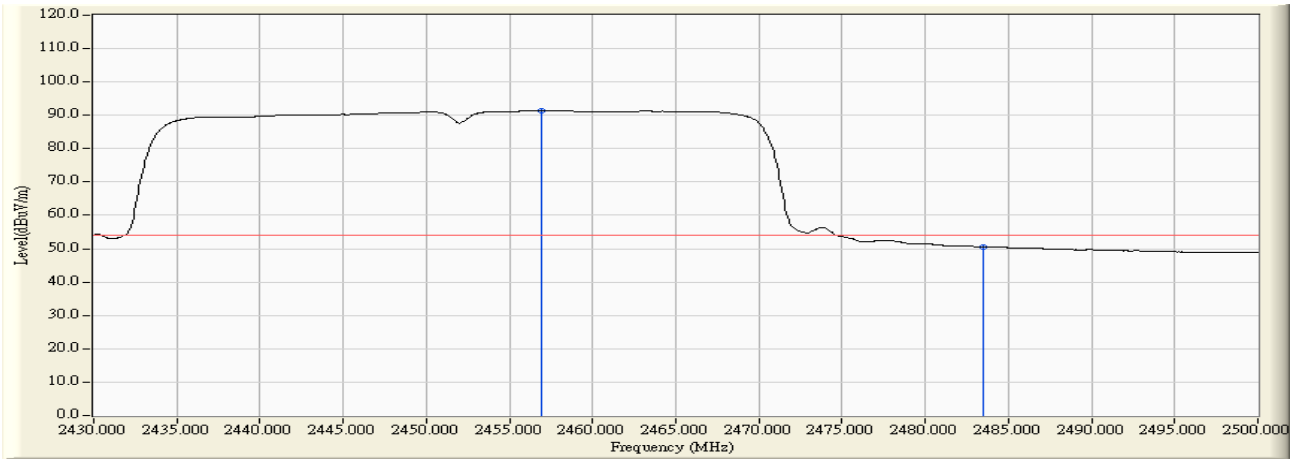
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2448.340	31.220	54.632	85.852	N/A	N/A	AVERAGE
2		2483.500	31.212	17.344	48.556	-5.414	53.970	AVERAGE

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 14:14**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
Probe : 9120D_499(1-18GHz) - VERTICAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 5: Transmit at Channel 2452MHz by 802.11n(40MHz)(chain 0)**



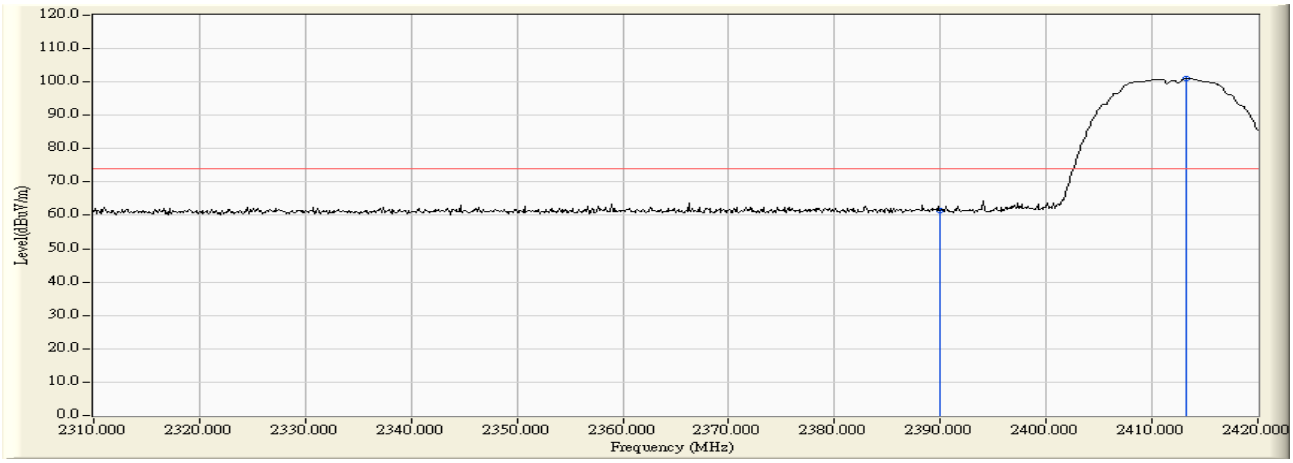
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2456.180	31.223	70.306	101.529	N/A	N/A	PEAK
2		2483.500	31.212	31.949	63.161	-10.809	73.970	PEAK

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 14:16**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
Probe : 9120D_499(1-18GHz) - VERTICAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 5: Transmit at Channel 2452MHz by 802.11n(40MHz)(chain 0)**



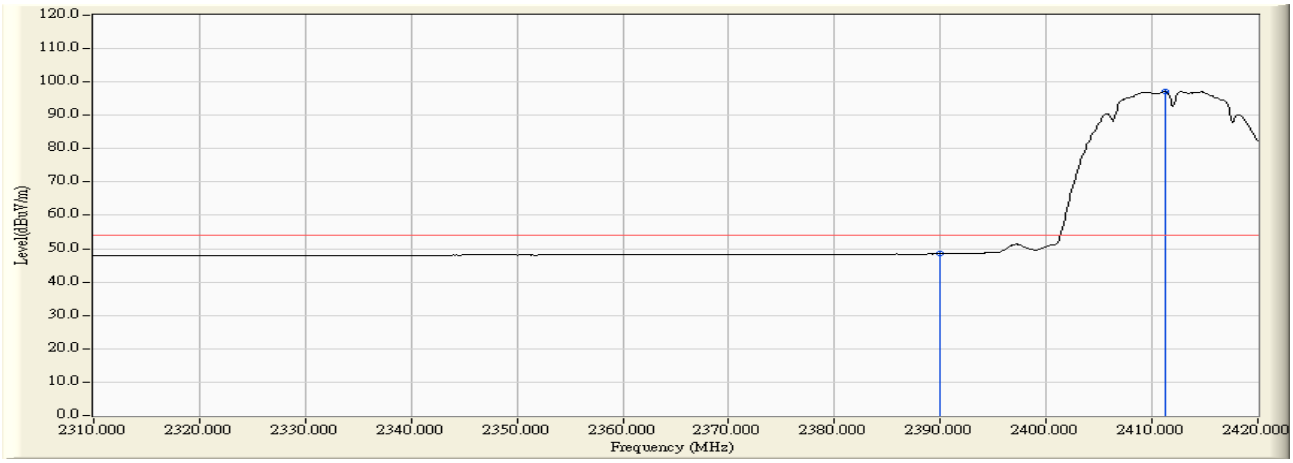
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2456.950	31.223	60.243	91.466	N/A	N/A	AVERAGE
2		2483.500	31.212	19.338	50.550	-3.420	53.970	AVERAGE

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/02 - 10:17**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
Probe : 9120D_499(1-18GHz) - HORIZONTAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 1: Transmit at Channel 2412MHz by 802.11b(chain 1)**



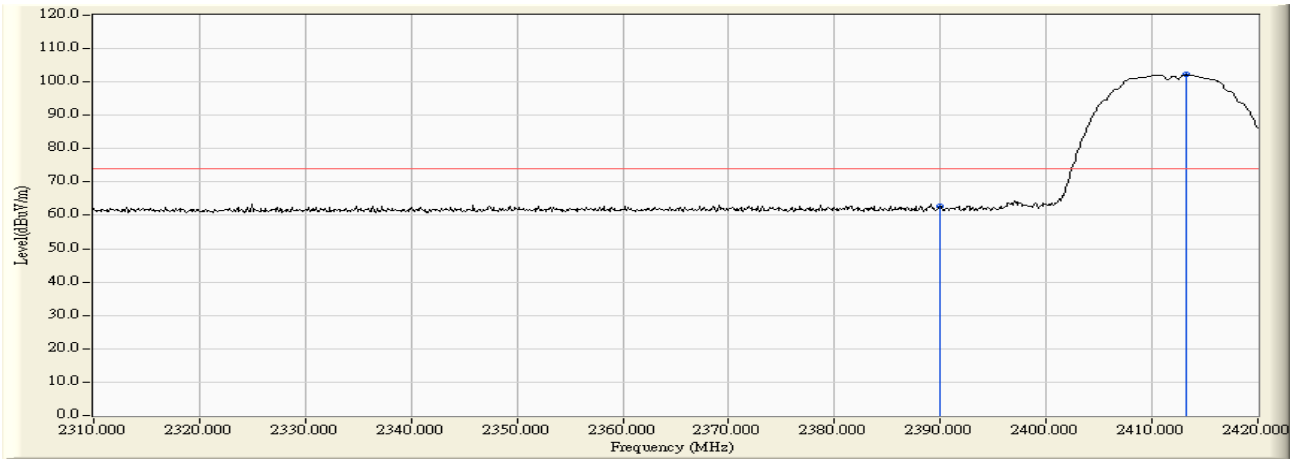
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	30.393	61.577	-12.393	73.970	PEAK
2	*	2413.180	31.192	69.806	100.997	N/A	N/A	PEAK

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/02 - 10:33**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
Probe : 9120D_499(1-18GHz) - HORIZONTAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 1: Transmit at Channel 2412MHz by 802.11b(chain 1)**



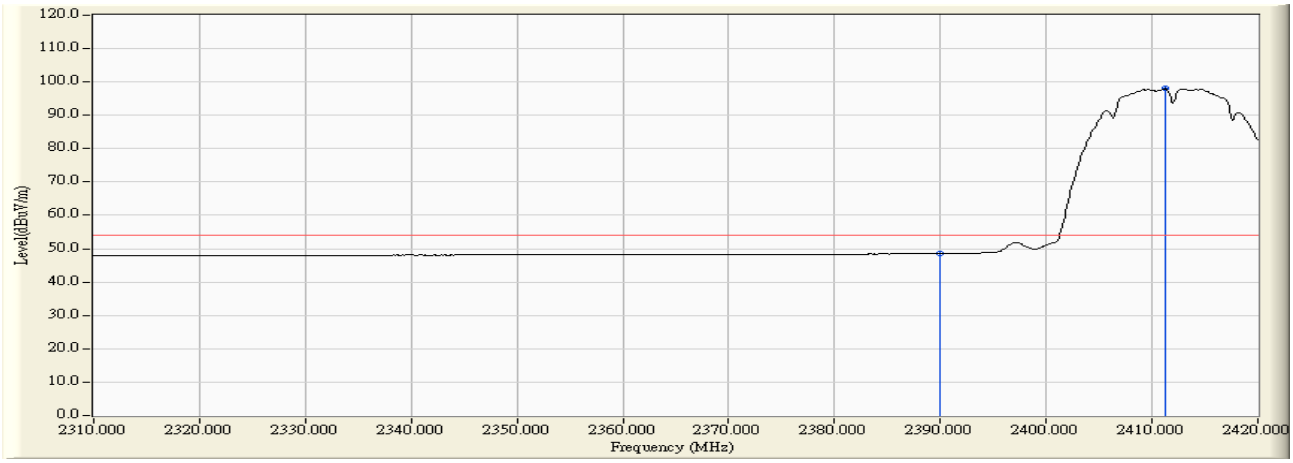
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	17.287	48.471	-5.499	53.970	PEAK
2	*	2411.200	31.190	65.966	97.156	N/A	N/A	PEAK

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/02 - 10:15**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
Probe : 9120D_499(1-18GHz) - VERTICAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 1: Transmit at Channel 2412MHz by 802.11b(chain 1)**



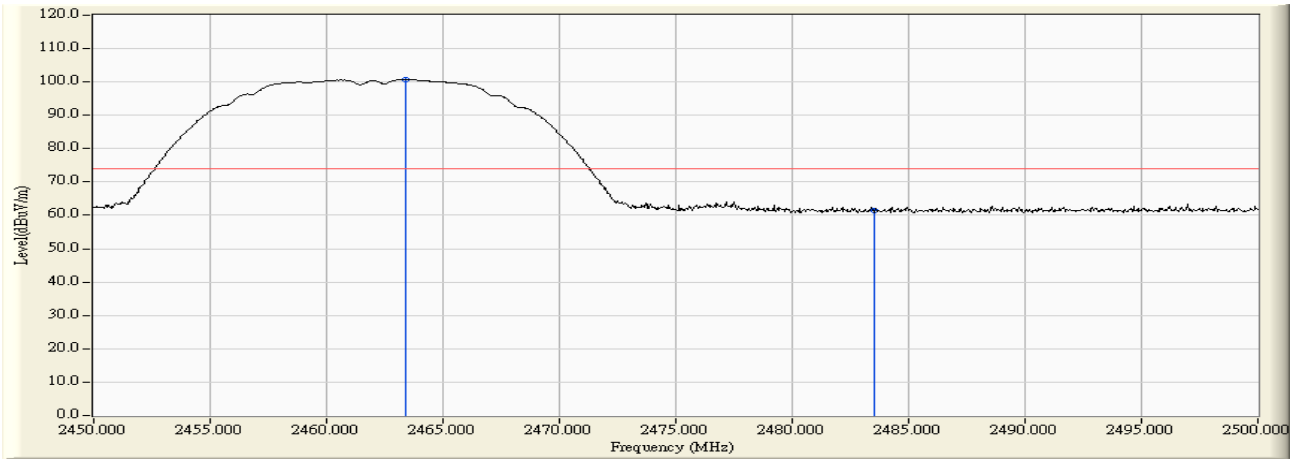
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	31.626	62.810	-11.160	73.970	PEAK
2	*	2413.290	31.192	70.956	102.147	N/A	N/A	PEAK

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/02 - 10:29**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
Probe : 9120D_499(1-18GHz) - VERTICAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 1: Transmit at Channel 2412MHz by 802.11b(chain 1)**



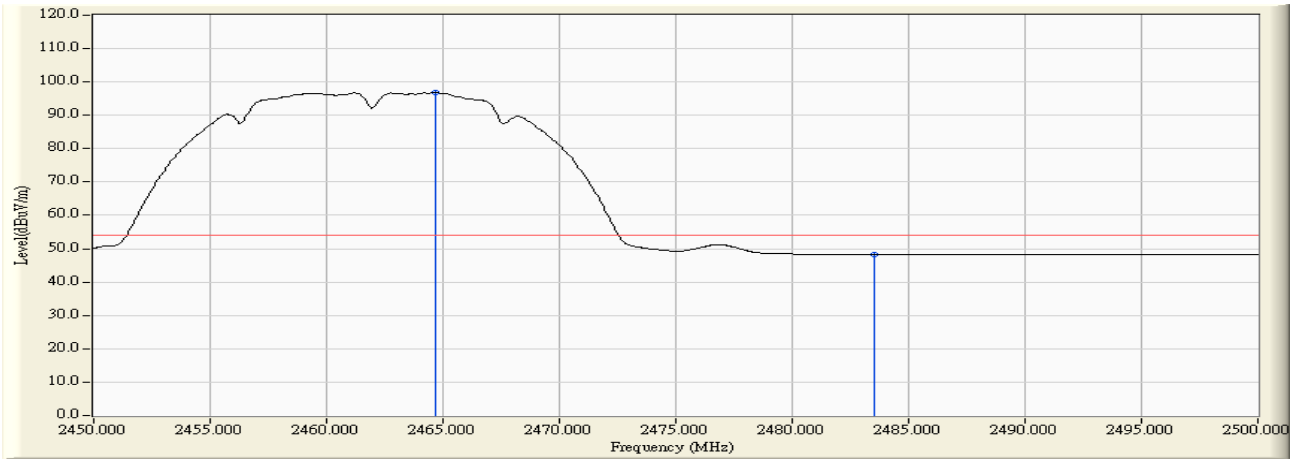
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	17.371	48.555	-5.415	53.970	PEAK
2	*	2411.200	31.190	66.776	97.966	N/A	N/A	PEAK

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/03 - 17:12**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
Probe : 9120D_499(1-18GHz) - HORIZONTAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 1: Transmit at Channel 2462MHz by 802.11b(chain 1)**



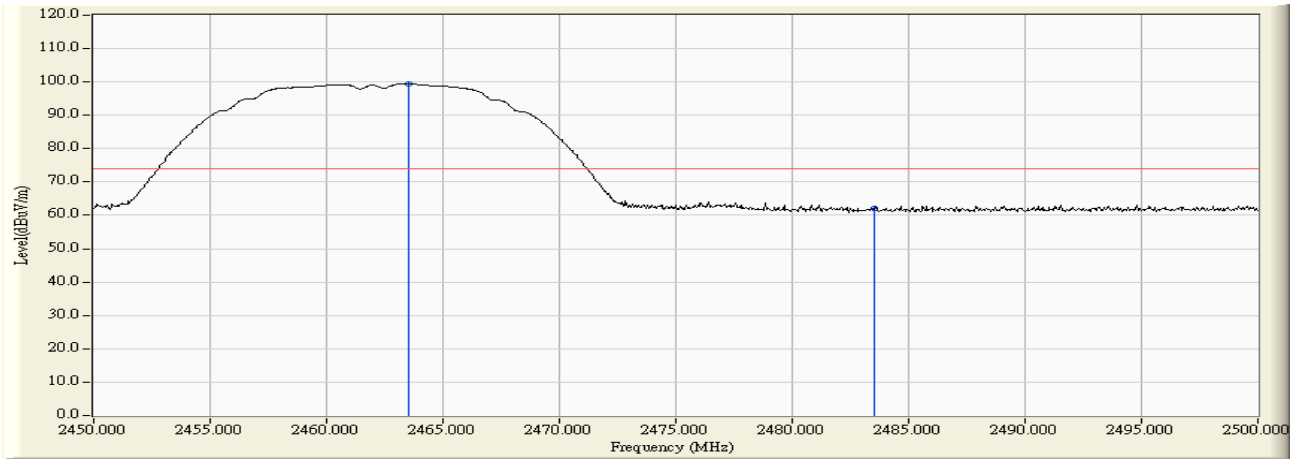
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2463.400	31.224	69.494	100.718	N/A	N/A	PEAK
2		2483.500	31.212	30.246	61.458	-12.512	73.970	PEAK

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/03 - 17:13**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
Probe : 9120D_499(1-18GHz) - HORIZONTAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 1: Transmit at Channel 2462MHz by 802.11b(chain 1)**



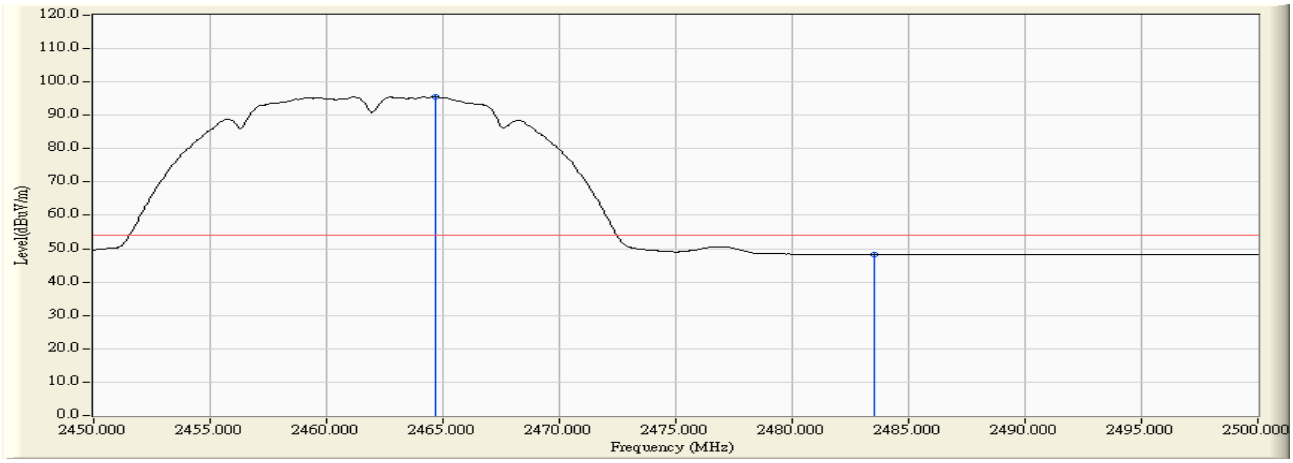
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2464.700	31.223	65.584	96.808	N/A	N/A	AVERAGE
2		2483.500	31.212	16.952	48.164	-5.806	53.970	AVERAGE

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/03 - 17:17**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
Probe : 9120D_499(1-18GHz) - VERTICAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 1: Transmit at Channel 2462MHz by 802.11b(chain 1)**



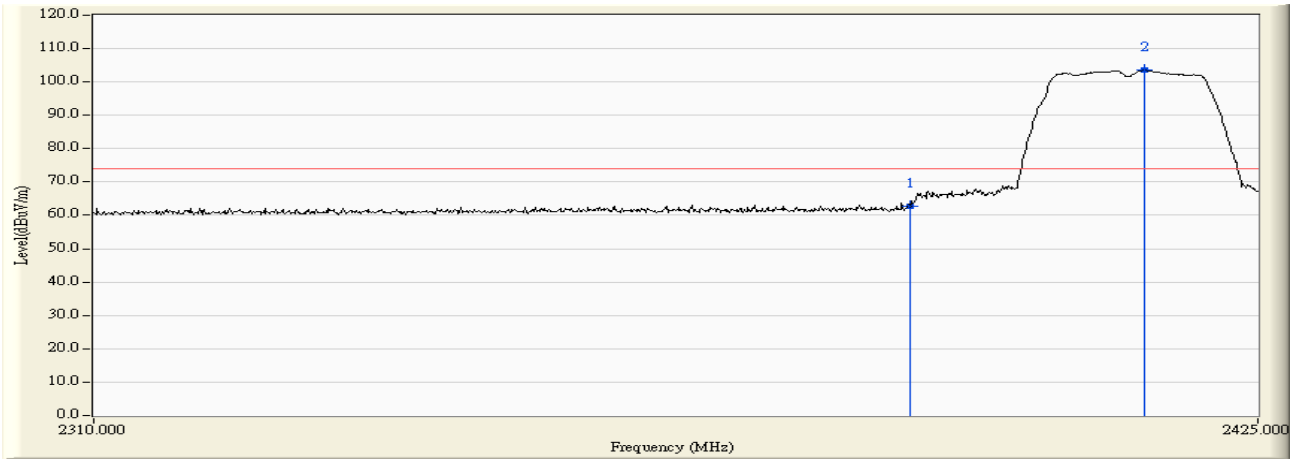
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2463.500	31.224	68.197	99.421	N/A	N/A	PEAK
2		2483.500	31.212	30.779	61.991	-11.979	73.970	PEAK

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/03 - 17:17**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
Probe : 9120D_499(1-18GHz) - VERTICAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 1: Transmit at Channel 2462MHz by 802.11b(chain 1)**



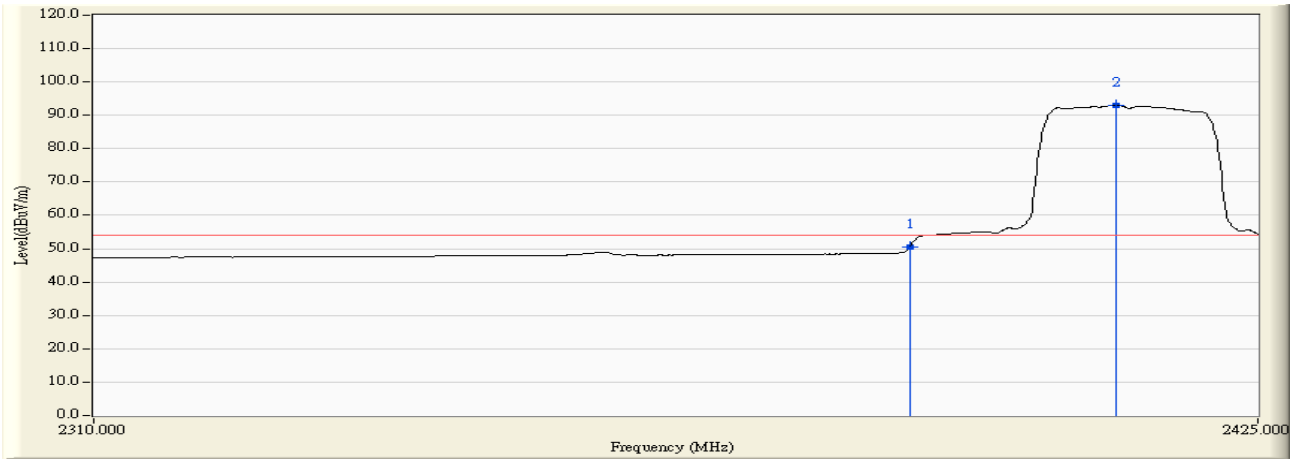
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2464.700	31.223	64.305	95.529	N/A	N/A	AVERAGE
2		2483.500	31.212	16.962	48.174	-5.796	53.970	AVERAGE

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/04 - 09:48**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
Probe : 9120D_499(1-18GHz) - HORIZONTAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 2: Transmit at 2412MHz by 802.11g(chain 1)**



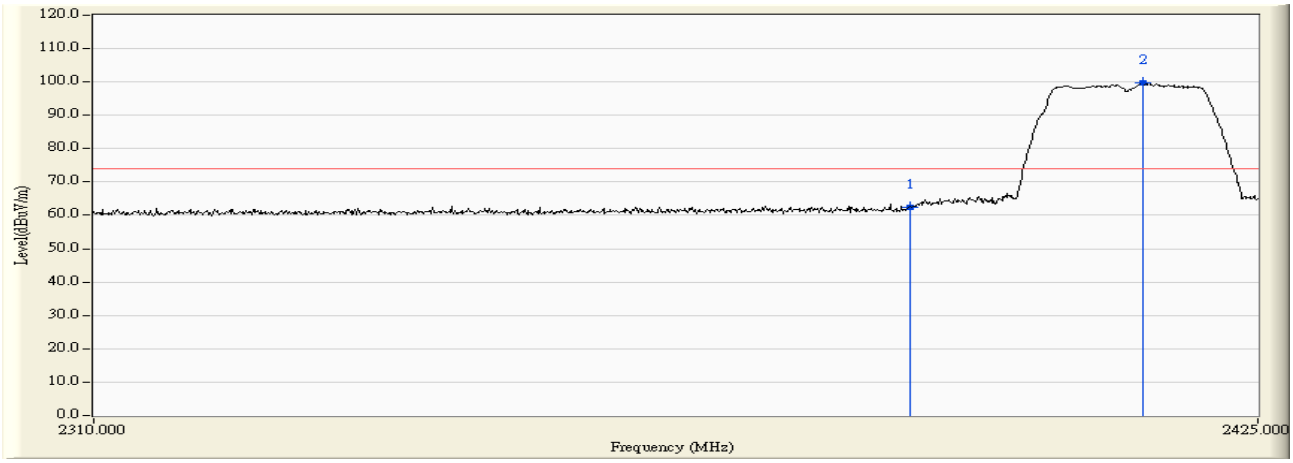
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.595	31.093	62.688	-11.282	73.970	PEAK
2	*	2413.500	31.679	71.864	103.543	N/A	N/A	PEAK

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/04 - 09:48**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
Probe : 9120D_499(1-18GHz) - HORIZONTAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 2: Transmit at 2412MHz by 802.11g(chain 1)**



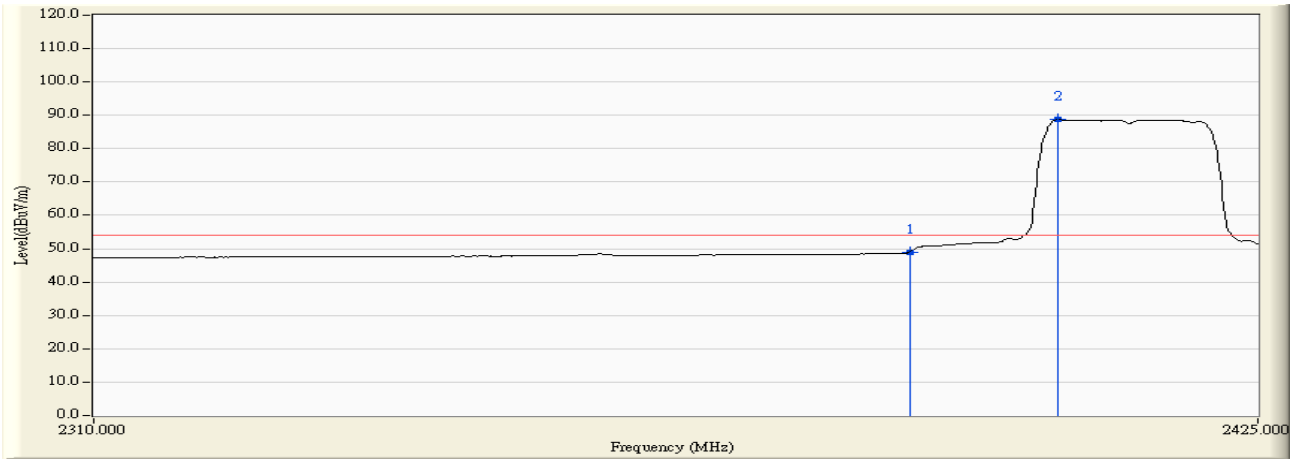
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.595	18.802	50.397	-3.573	53.970	AVERAGE
2	*	2410.740	31.679	61.282	92.961	N/A	N/A	AVERAGE

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/04 - 09:52**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
Probe : 9120D_499(1-18GHz) - VERTICAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 2: Transmit at 2412MHz by 802.11g(chain 1)**



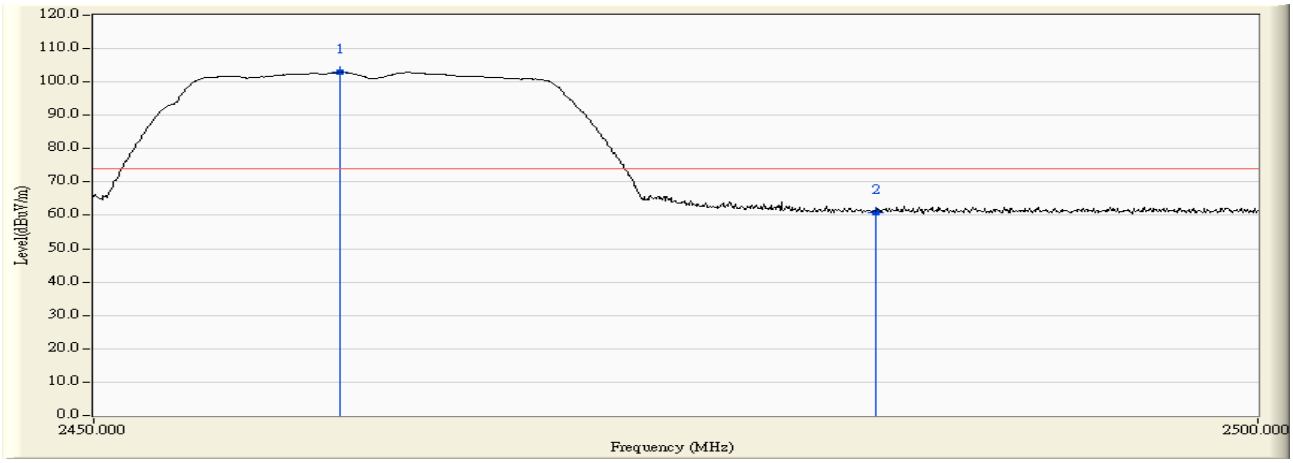
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.595	30.927	62.522	-11.448	73.970	PEAK
2	*	2413.385	31.679	67.987	99.666	N/A	N/A	PEAK

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/04 - 09:52**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
Probe : 9120D_499(1-18GHz) - VERTICAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 2: Transmit at 2412MHz by 802.11g(chain 1)**



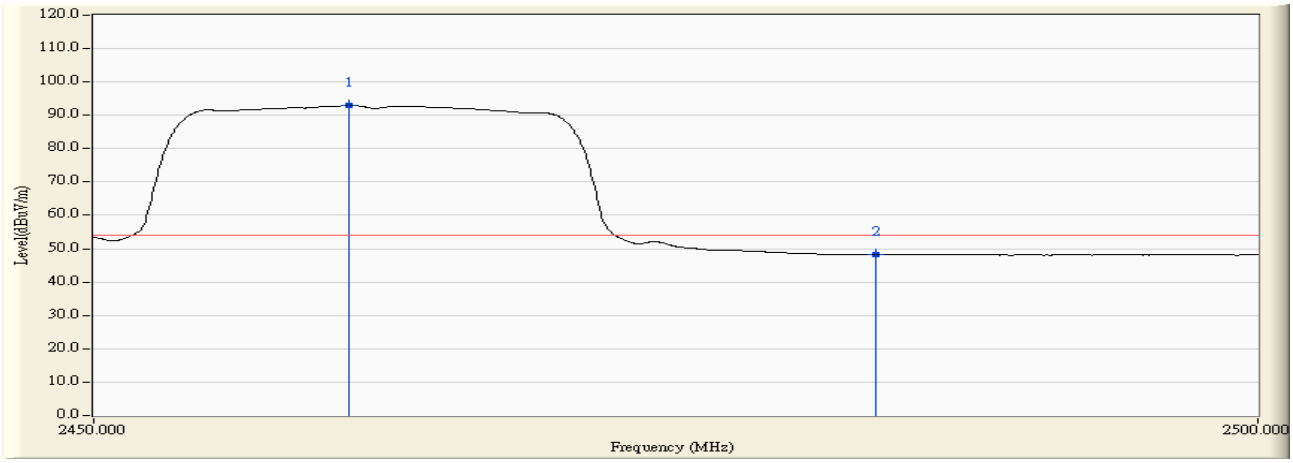
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.595	17.463	49.058	-4.912	53.970	AVERAGE
2	*	2404.875	31.662	57.064	88.726	N/A	N/A	AVERAGE

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/04 - 10:00**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
Probe : 9120D_499(1-18GHz) - HORIZONTAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 2: Transmit at 2462MHz by 802.11g(chain 1)**



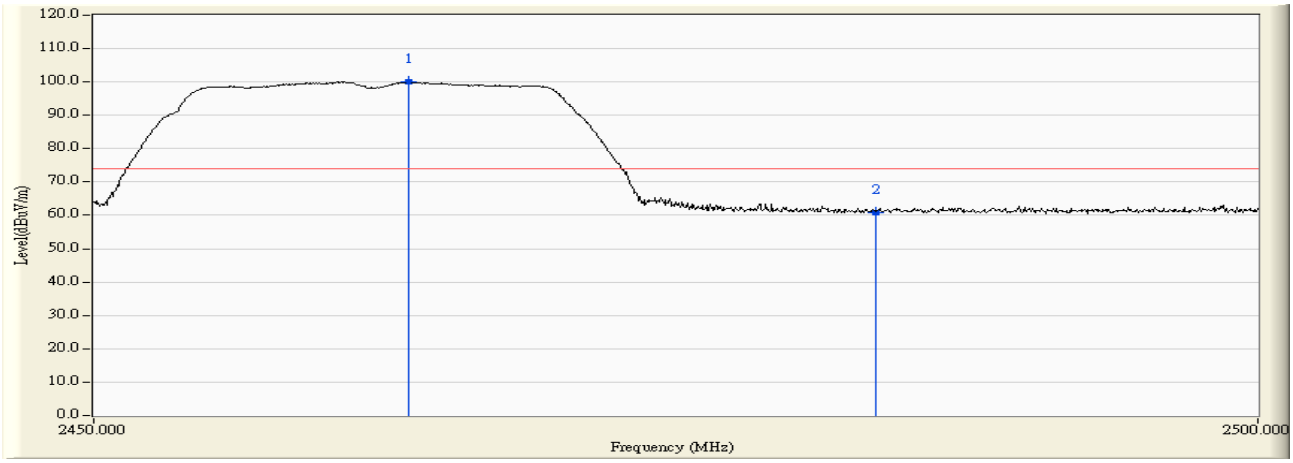
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2460.500	31.514	71.311	102.825	N/A	N/A	PEAK
2		2483.500	31.206	29.697	60.903	-13.067	73.970	PEAK

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/04 - 10:01**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
Probe : 9120D_499(1-18GHz) - HORIZONTAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 2: Transmit at 2462MHz by 802.11g(chain 1)**



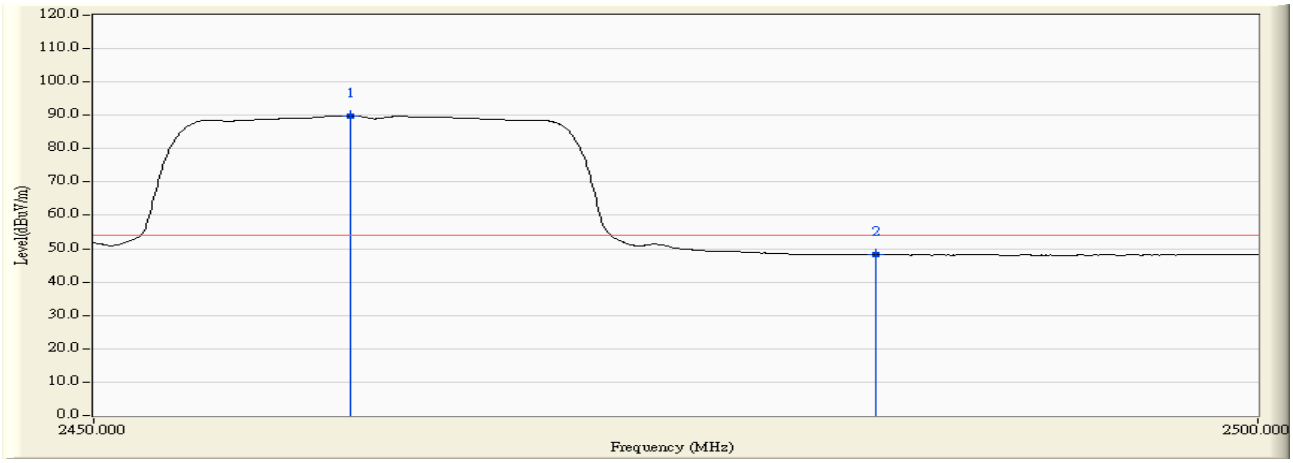
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2460.900	31.510	61.398	92.908	N/A	N/A	AVERAGE
2		2483.500	31.206	17.055	48.261	-5.709	53.970	AVERAGE

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/04 - 09:57**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
Probe : 9120D_499(1-18GHz) - VERTICAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 2: Transmit at 2462MHz by 802.11g(chain 1)**



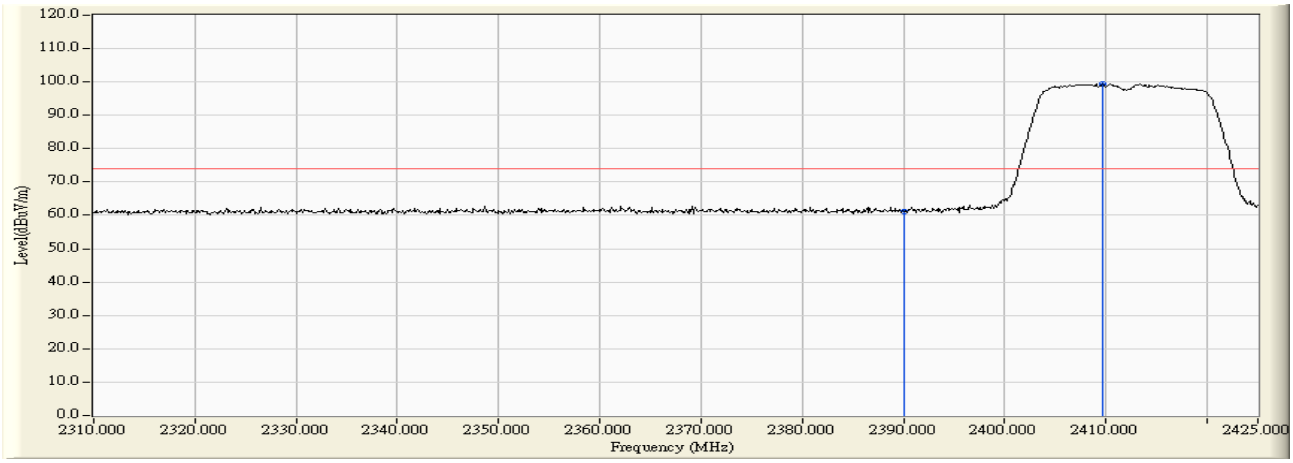
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2463.450	31.480	68.573	100.053	N/A	N/A	PEAK
2		2483.500	31.206	29.657	60.863	-13.107	73.970	PEAK

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/04 - 09:58**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
Probe : 9120D_499(1-18GHz) - VERTICAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 2: Transmit at 2462MHz by 802.11g(chain 1)**



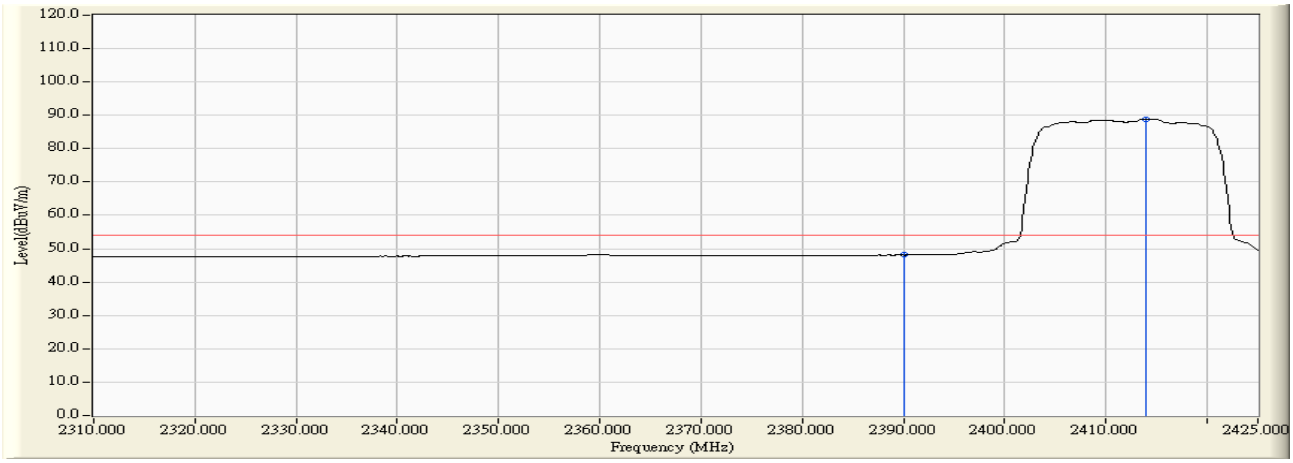
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2460.950	31.510	58.357	89.867	N/A	N/A	AVERAGE
2		2483.500	31.206	16.991	48.197	-5.773	53.970	AVERAGE

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 11:25**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
Probe : 9120D_499(1-18GHz) - HORIZONTAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 4: Transmit at Channel 2412MHz by 802.11n(20MHz) (chain 1)**



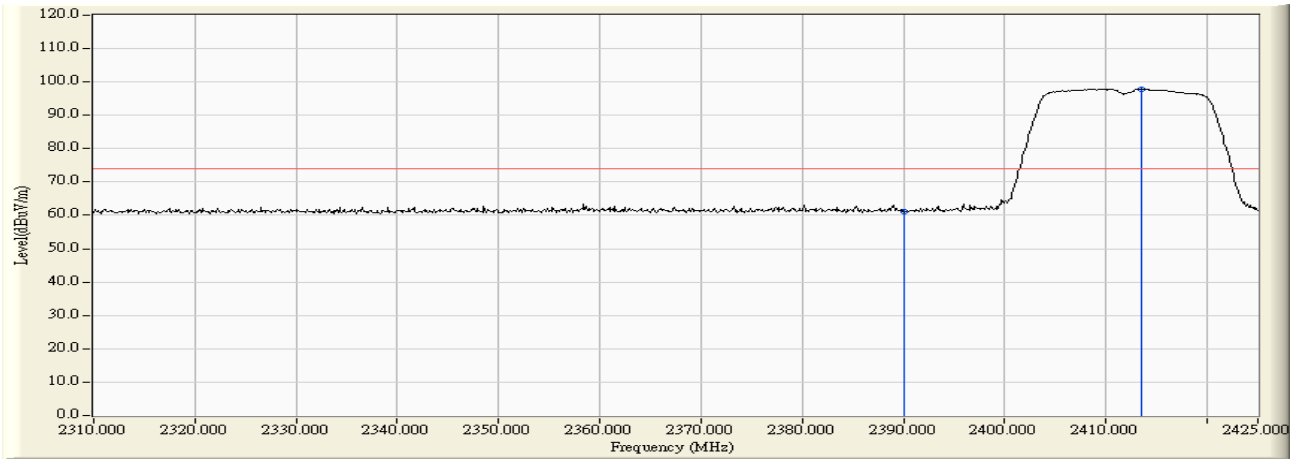
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	29.989	61.173	-12.797	73.970	PEAK
2	*	2409.705	31.189	68.108	99.297	N/A	N/A	PEAK

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 11:25**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
Probe : 9120D_499(1-18GHz) - HORIZONTAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 4: Transmit at Channel 2412MHz by 802.11n(20MHz) (chain 1)**



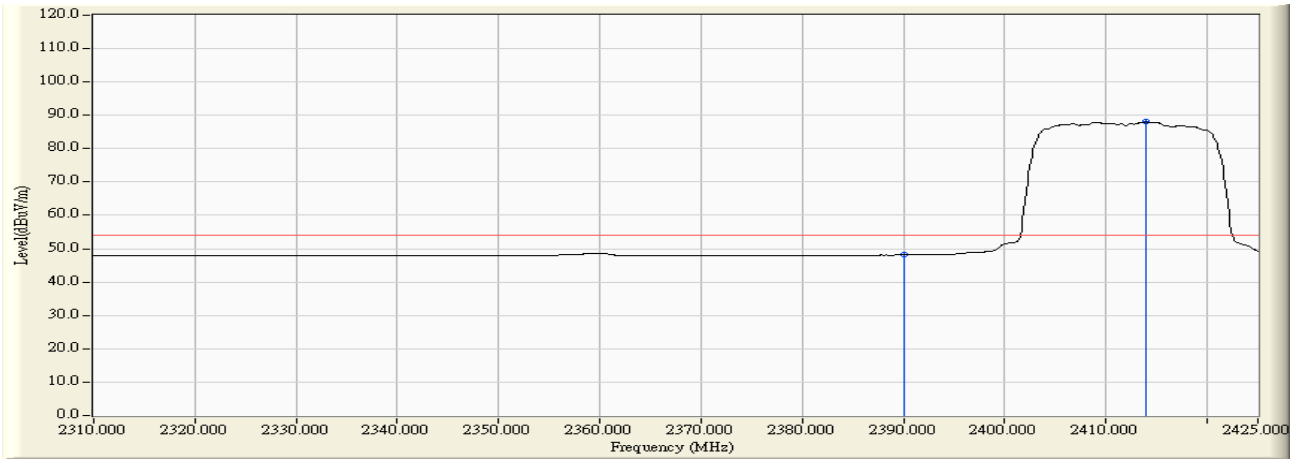
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	16.917	48.101	-5.869	53.970	AVERAGE
2	*	2413.960	31.192	57.652	88.844	N/A	N/A	AVERAGE

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 11:29**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
Probe : 9120D_499(1-18GHz) - VERTICAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 4: Transmit at Channel 2412MHz by 802.11n(20MHz) (chain 1)**



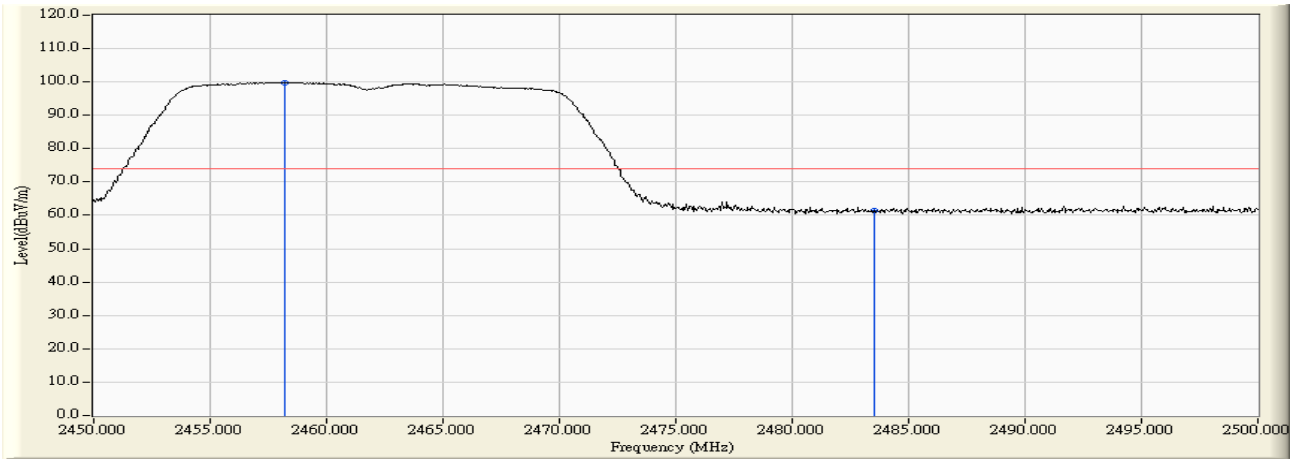
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	29.897	61.081	-12.889	73.970	PEAK
2	*	2413.500	31.192	66.687	97.879	N/A	N/A	PEAK

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 11:30**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
Probe : 9120D_499(1-18GHz) - VERTICAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 4: Transmit at Channel 2412MHz by 802.11n(20MHz) (chain 1)**



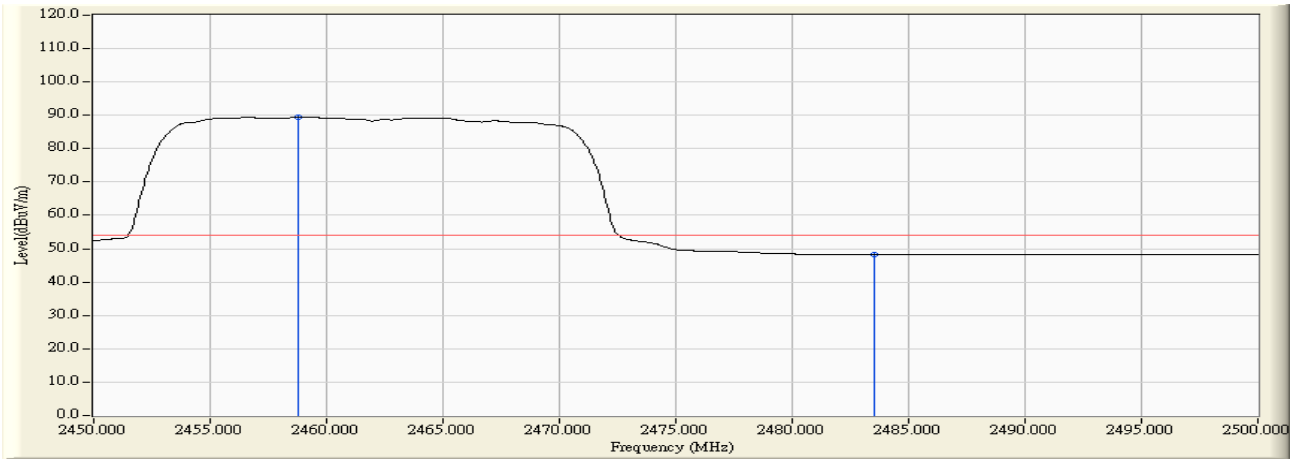
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	16.963	48.147	-5.823	53.970	AVERAGE
2	*	2413.960	31.192	56.801	87.993	N/A	N/A	AVERAGE

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 11:36**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
Probe : 9120D_499(1-18GHz) - HORIZONTAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 4: Transmit at Channel 2462MHz by 802.11n(20MHz) (chain 1)**



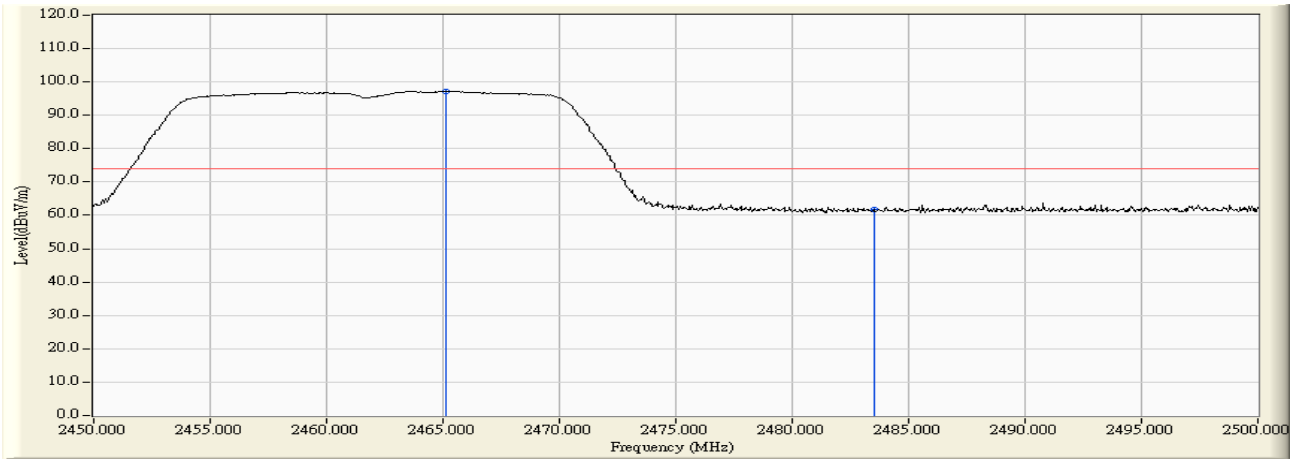
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2458.200	31.224	68.625	99.849	N/A	N/A	PEAK
2		2483.500	31.212	30.256	61.468	-12.502	73.970	PEAK

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 11:36**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
Probe : 9120D_499(1-18GHz) - HORIZONTAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 4: Transmit at Channel 2462MHz by 802.11n(20MHz) (chain 1)**



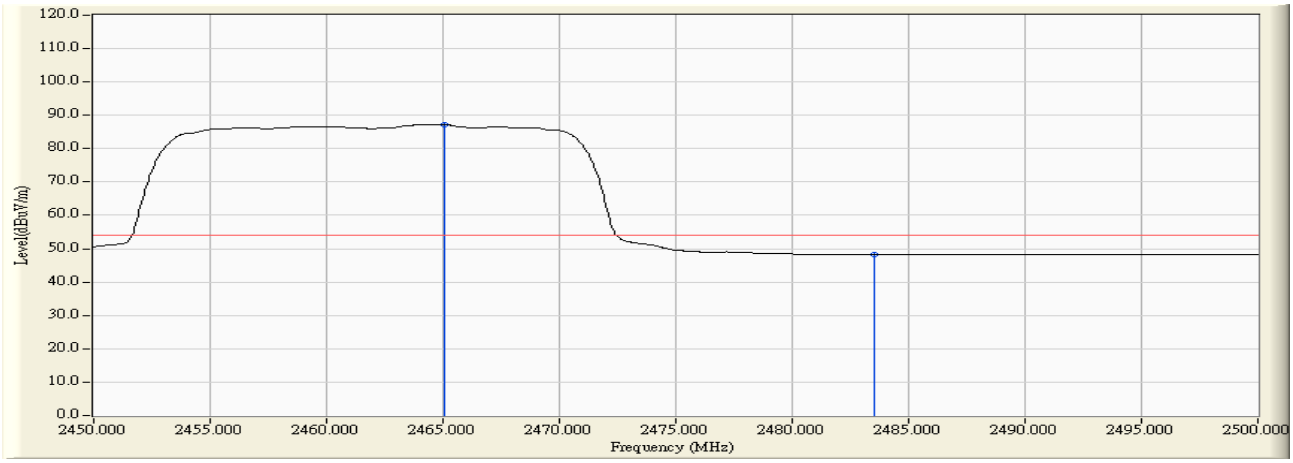
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2458.800	31.224	58.249	89.473	N/A	N/A	AVERAGE
2		2483.500	31.212	17.039	48.251	-5.719	53.970	AVERAGE

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 11:34**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
Probe : 9120D_499(1-18GHz) - VERTICAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 4: Transmit at Channel 2462MHz by 802.11n(20MHz) (chain 1)**



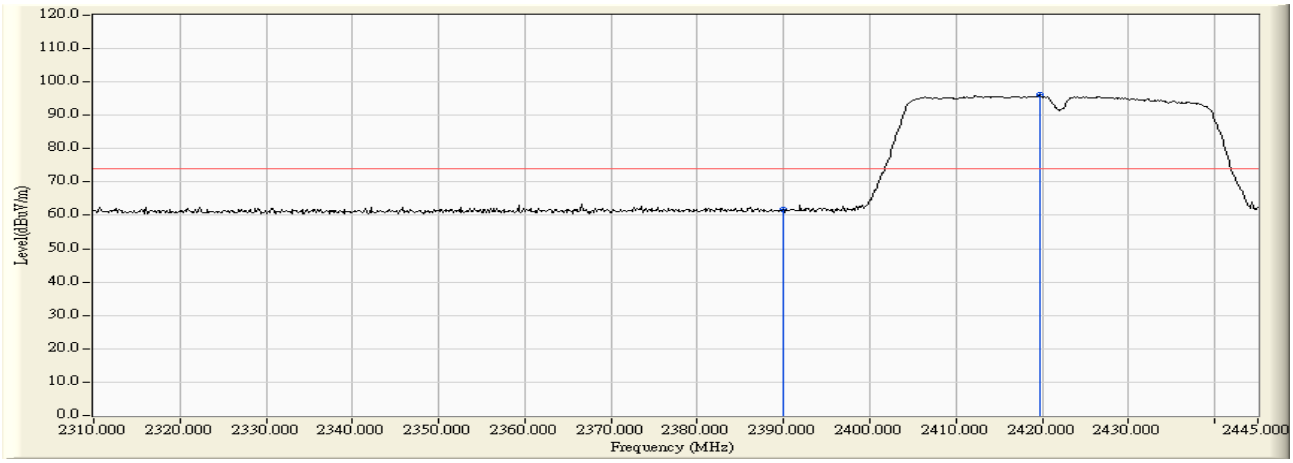
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2465.150	31.223	66.035	97.258	N/A	N/A	PEAK
2		2483.500	31.212	30.704	61.916	-12.054	73.970	PEAK

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 11:34**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
Probe : 9120D_499(1-18GHz) - VERTICAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 4: Transmit at Channel 2462MHz by 802.11n(20MHz) (chain 1)**



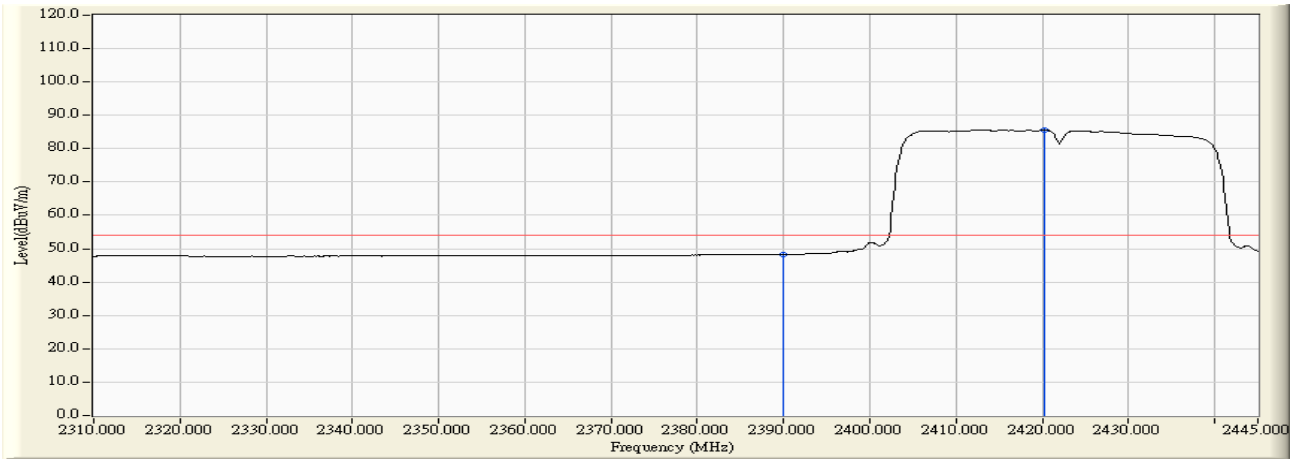
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2465.050	31.223	55.946	87.169	N/A	N/A	AVERAGE
2		2483.500	31.212	17.011	48.223	-5.747	53.970	AVERAGE

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 14:28**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
Probe : 9120D_499(1-18GHz) - HORIZONTAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 5: Transmit at Channel 2422MHz by 802.11n(40MHz)(chain 1)**



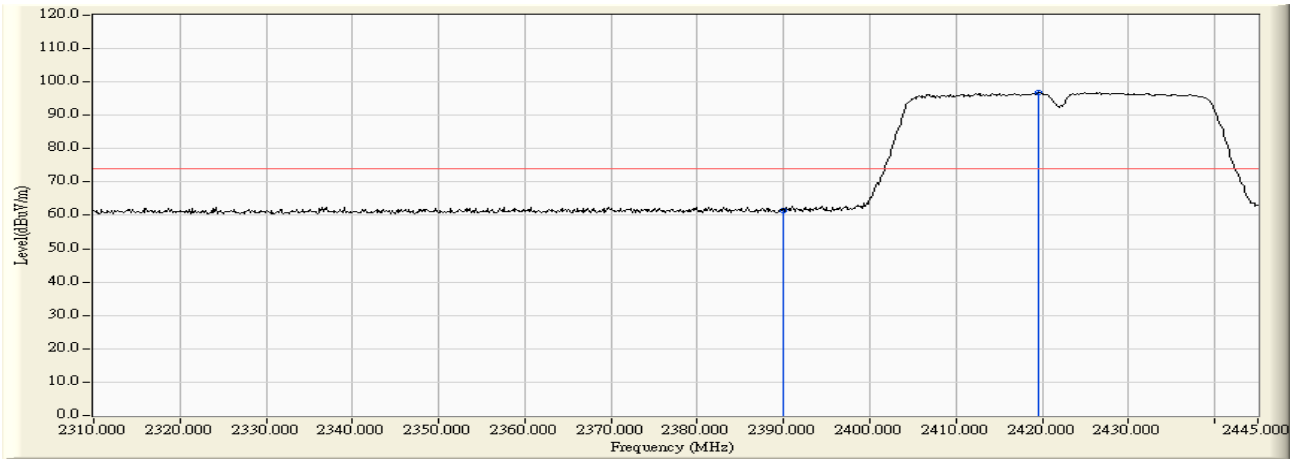
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	30.432	61.616	-12.354	73.970	PEAK
2	*	2419.755	31.197	64.877	96.074	N/A	N/A	PEAK

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 14:29**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
Probe : 9120D_499(1-18GHz) - HORIZONTAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 5: Transmit at Channel 2422MHz by 802.11n(40MHz)(chain 1)**



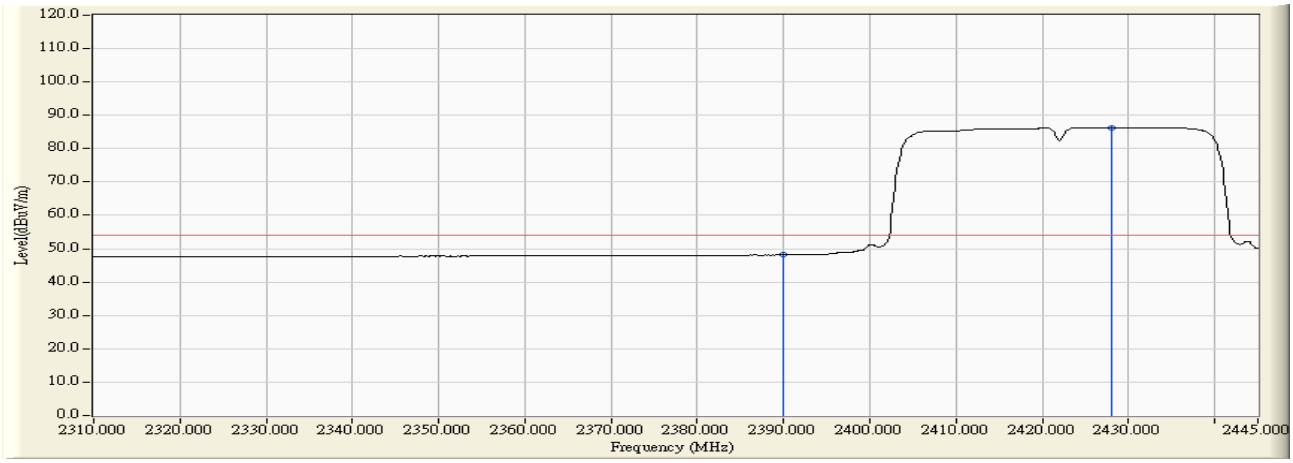
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	17.147	48.331	-5.639	53.970	AVERAGE
2	*	2420.295	31.198	54.352	85.549	N/A	N/A	AVERAGE

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 14:32**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
Probe : 9120D_499(1-18GHz) - VERTICAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 5: Transmit at Channel 2422MHz by 802.11n(40MHz)(chain 1)**



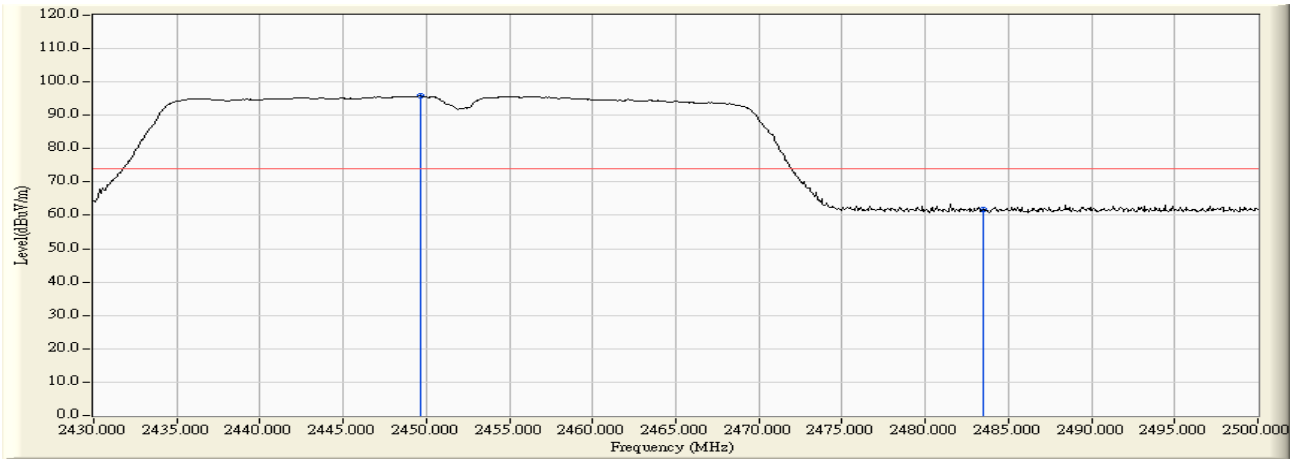
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	30.388	61.572	-12.398	73.970	PEAK
2	*	2419.620	31.197	65.576	96.773	N/A	N/A	PEAK

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 14:33**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
Probe : 9120D_499(1-18GHz) - VERTICAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 5: Transmit at Channel 2422MHz by 802.11n(40MHz)(chain 1)**



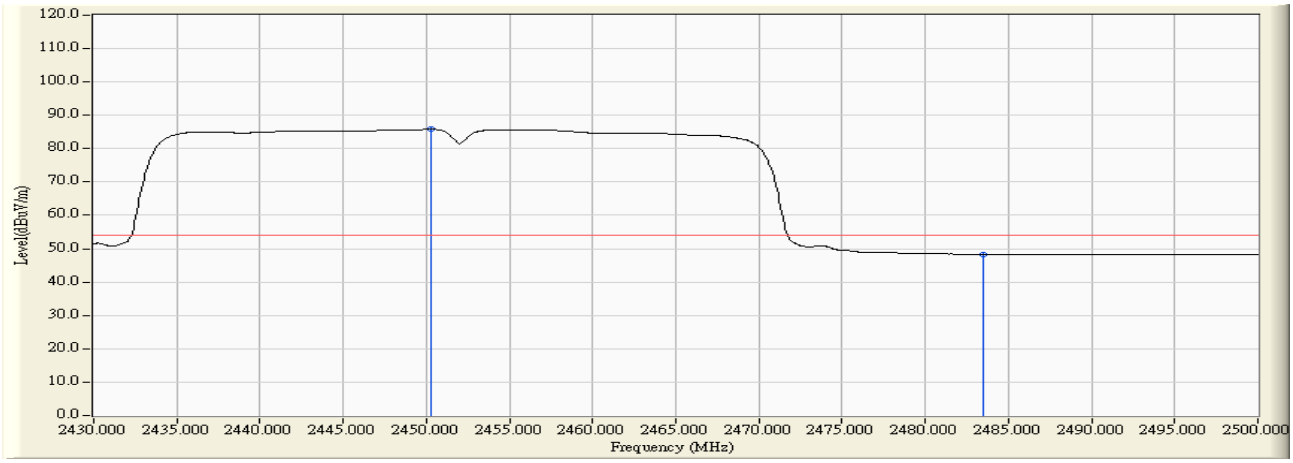
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	16.960	48.144	-5.826	53.970	AVERAGE
2	*	2427.990	31.204	55.103	86.307	N/A	N/A	AVERAGE

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 14:40**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
Probe : 9120D_499(1-18GHz) - HORIZONTAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 5: Transmit at Channel 2452MHz by 802.11n(40MHz)(chain 1)**



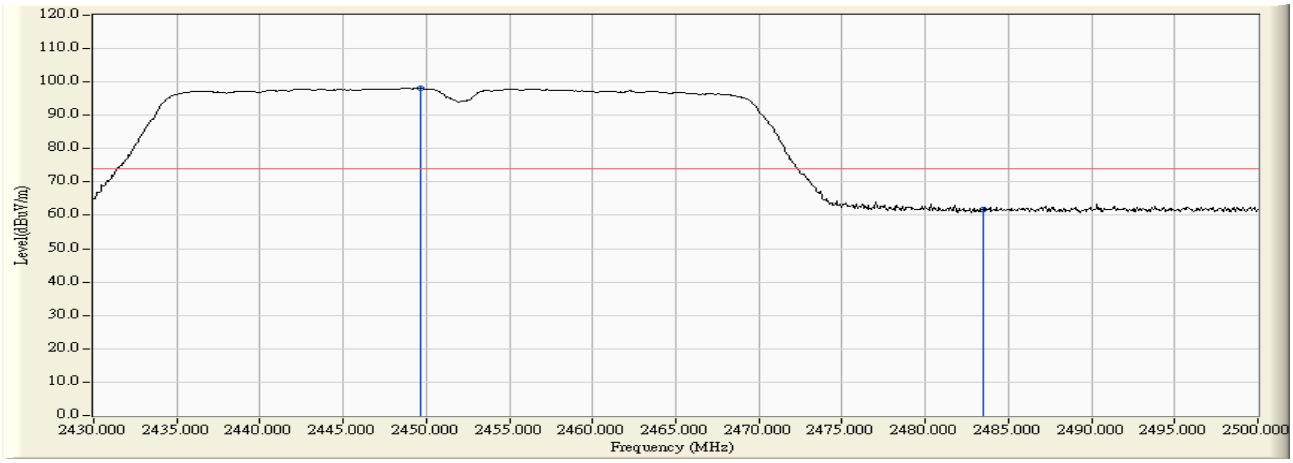
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2449.670	31.220	64.561	95.781	N/A	N/A	PEAK
2		2483.500	31.212	30.465	61.677	-12.293	73.970	PEAK

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 14:40**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
Probe : 9120D_499(1-18GHz) - HORIZONTAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 5: Transmit at Channel 2452MHz by 802.11n(40MHz)(chain 1)**



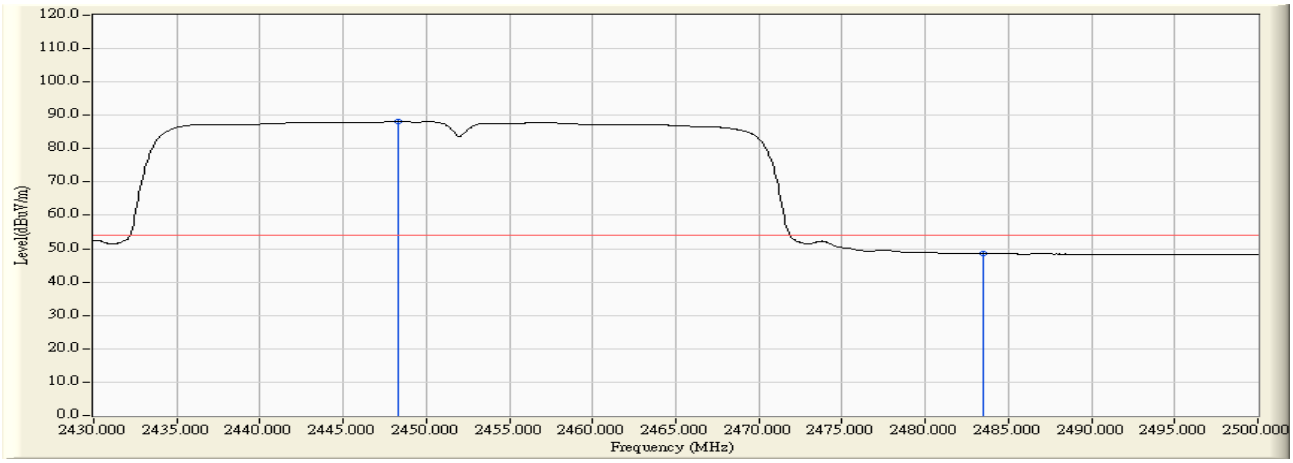
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2450.300	31.221	54.595	85.816	N/A	N/A	AVERAGE
2		2483.500	31.212	17.153	48.365	-5.605	53.970	AVERAGE

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 14:36**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
Probe : 9120D_499(1-18GHz) - VERTICAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 5: Transmit at Channel 2452MHz by 802.11n(40MHz)(chain 1)**



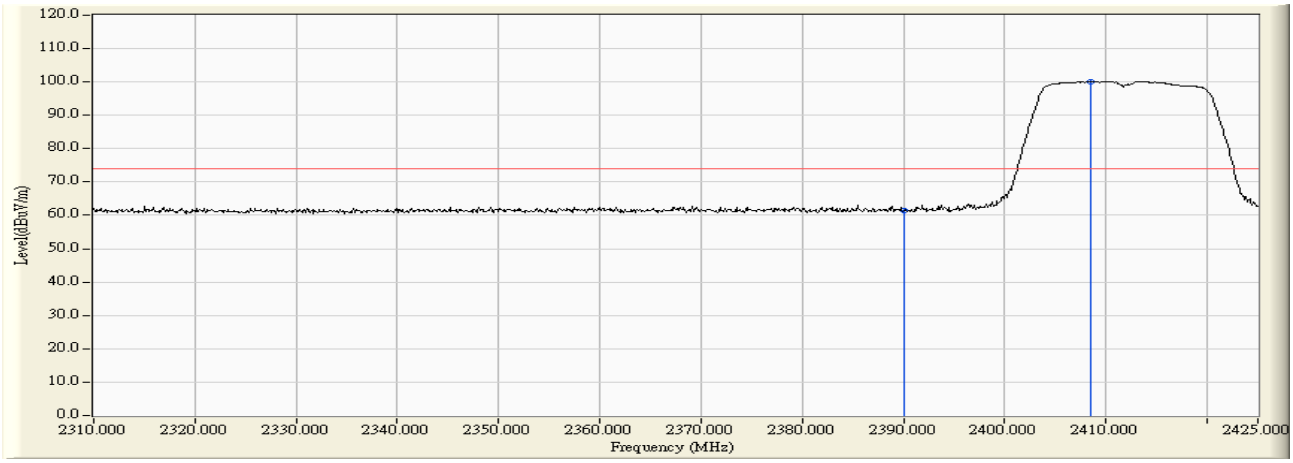
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2449.670	31.220	66.860	98.080	N/A	N/A	PEAK
2		2483.500	31.212	30.539	61.751	-12.219	73.970	PEAK

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 14:37**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
Probe : 9120D_499(1-18GHz) - VERTICAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 5: Transmit at Channel 2452MHz by 802.11n(40MHz)(chain 1)**



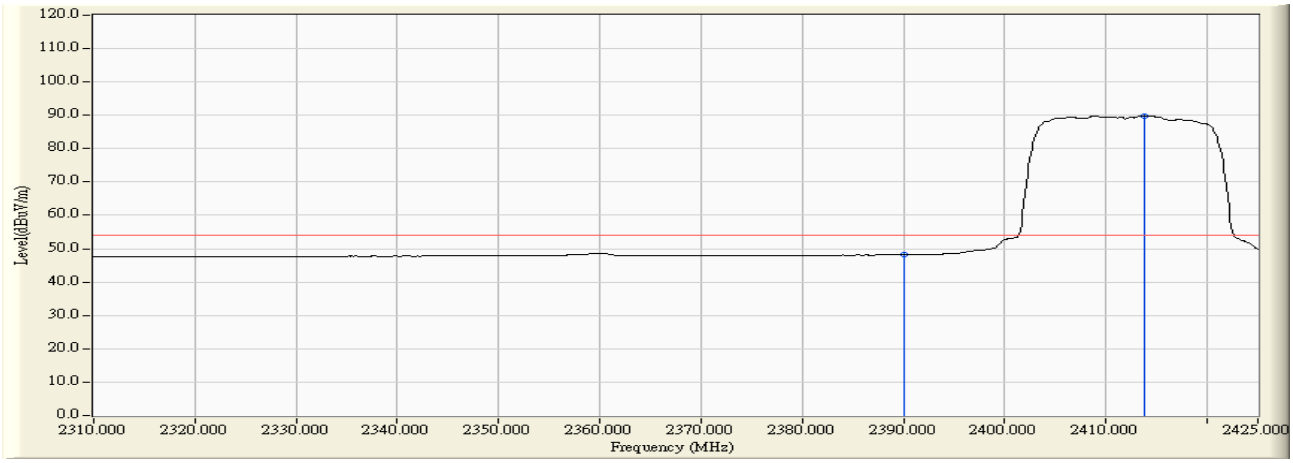
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2448.340	31.220	56.891	88.111	N/A	N/A	AVERAGE
2		2483.500	31.212	17.341	48.553	-5.417	53.970	AVERAGE

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 11:44**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
Probe : 9120D_499(1-18GHz) - HORIZONTAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 4: Transmit at Channel 2412MHz by 802.11n(20MHz) (chain 0+1)**



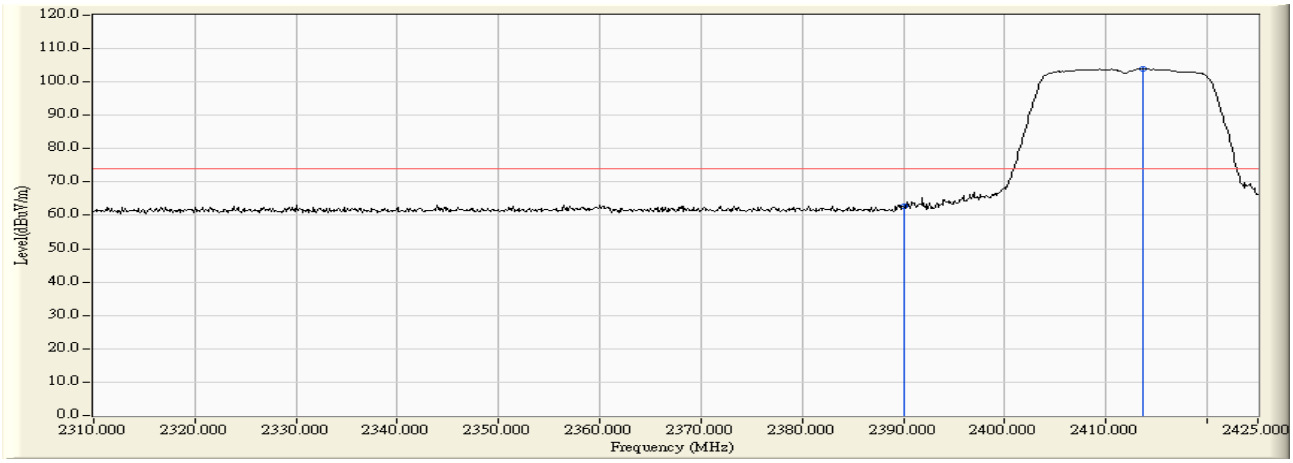
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	30.204	61.388	-12.582	73.970	PEAK
2	*	2408.555	31.188	68.980	100.168	N/A	N/A	PEAK

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 11:44**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
Probe : 9120D_499(1-18GHz) - HORIZONTAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 4: Transmit at Channel 2412MHz by 802.11n(20MHz) (chain 0+1)**



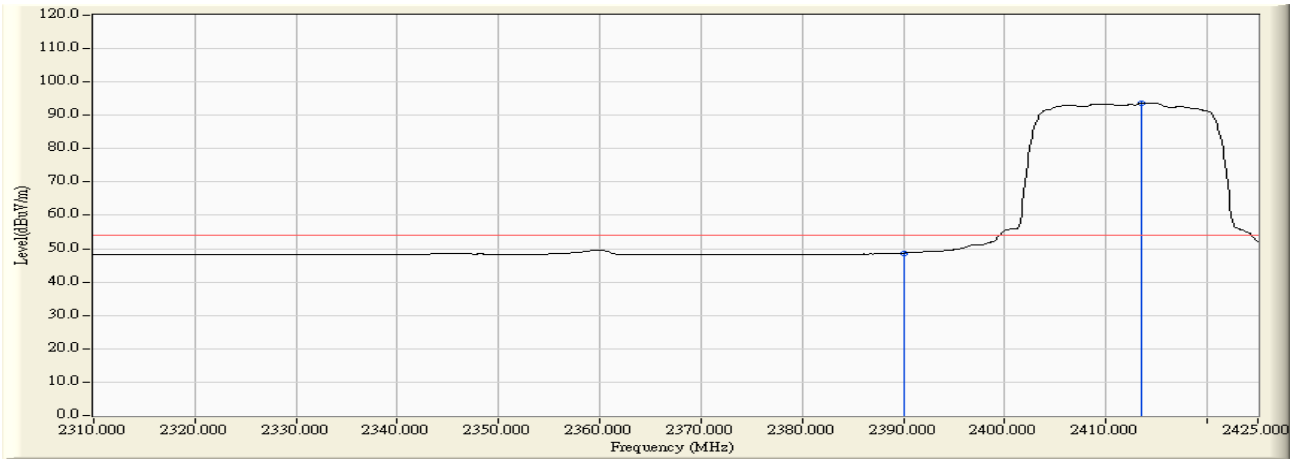
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	17.017	48.201	-5.769	53.970	AVERAGE
2	*	2413.730	31.191	58.664	89.856	N/A	N/A	AVERAGE

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 13:48**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
Probe : 9120D_499(1-18GHz) - VERTICAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 4: Transmit at Channel 2412MHz by 802.11n(20MHz) (chain 0+1)**



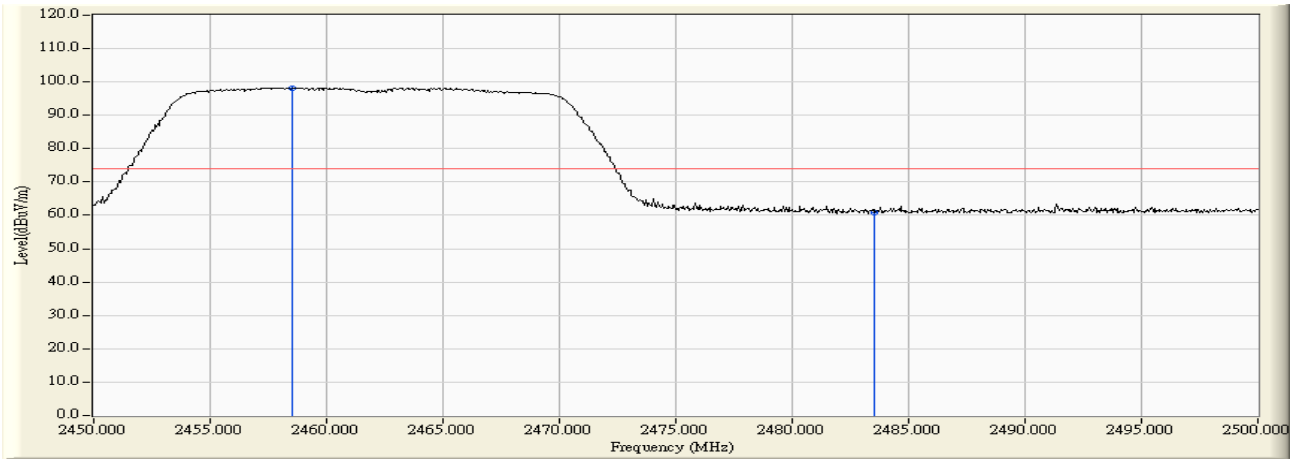
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	31.481	62.665	-11.305	73.970	PEAK
2	*	2413.615	31.191	72.794	103.986	N/A	N/A	PEAK

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 13:50**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
Probe : 9120D_499(1-18GHz) - VERTICAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 4: Transmit at Channel 2412MHz by 802.11n(20MHz) (chain 0+1)**



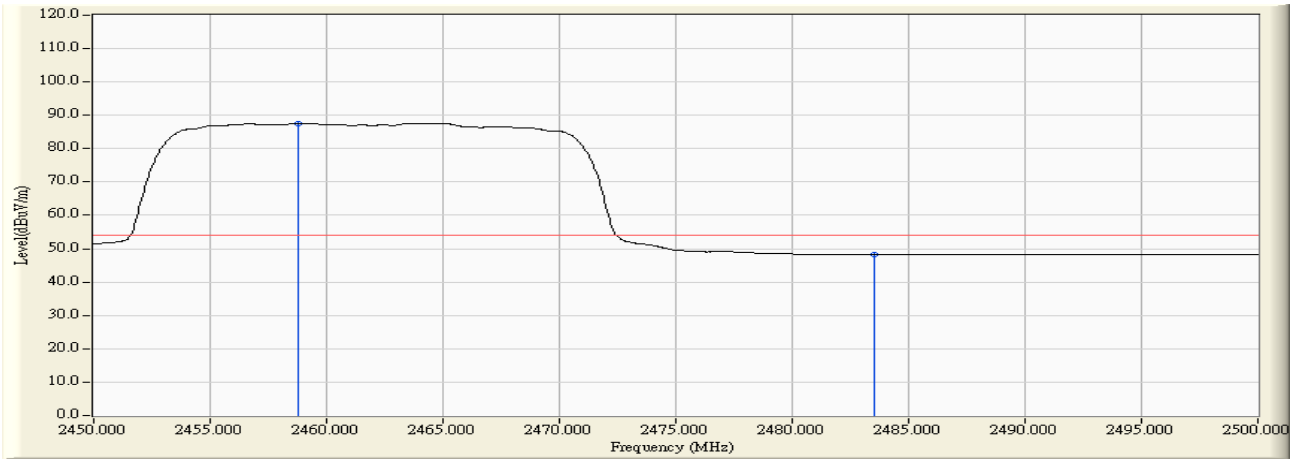
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	17.532	48.716	-5.254	53.970	AVERAGE
2	*	2413.500	31.192	62.357	93.549	N/A	N/A	AVERAGE

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 13:58**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
Probe : 9120D_499(1-18GHz) - HORIZONTAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 4: Transmit at Channel 2462MHz by 802.11n(20MHz) (chain 0+1)**



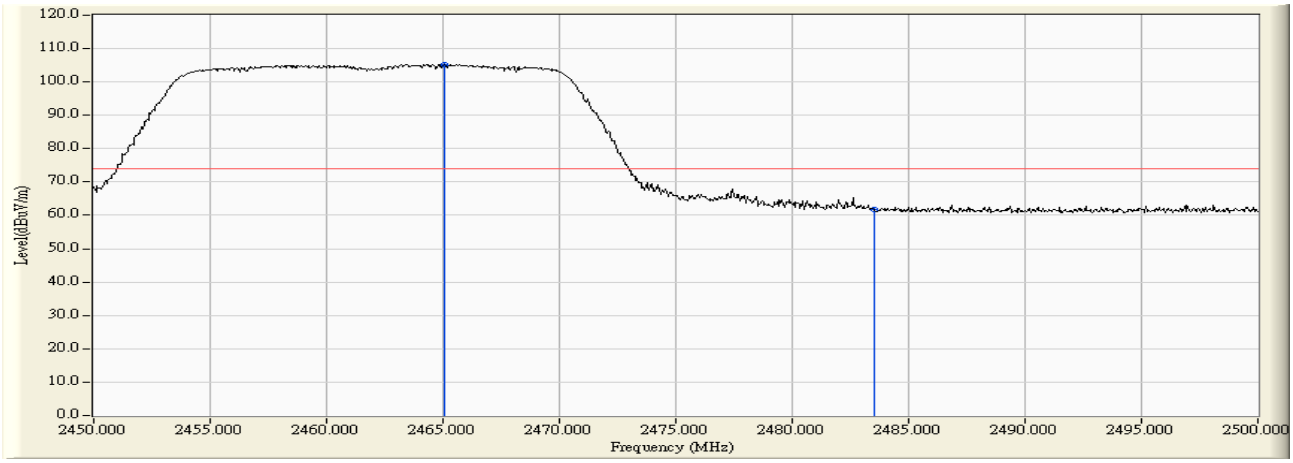
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2458.550	31.224	67.053	98.277	N/A	N/A	PEAK
2		2483.500	31.212	29.563	60.775	-13.195	73.970	PEAK

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 13:59**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
Probe : 9120D_499(1-18GHz) - HORIZONTAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 4: Transmit at Channel 2462MHz by 802.11n(20MHz) (chain 0+1)**



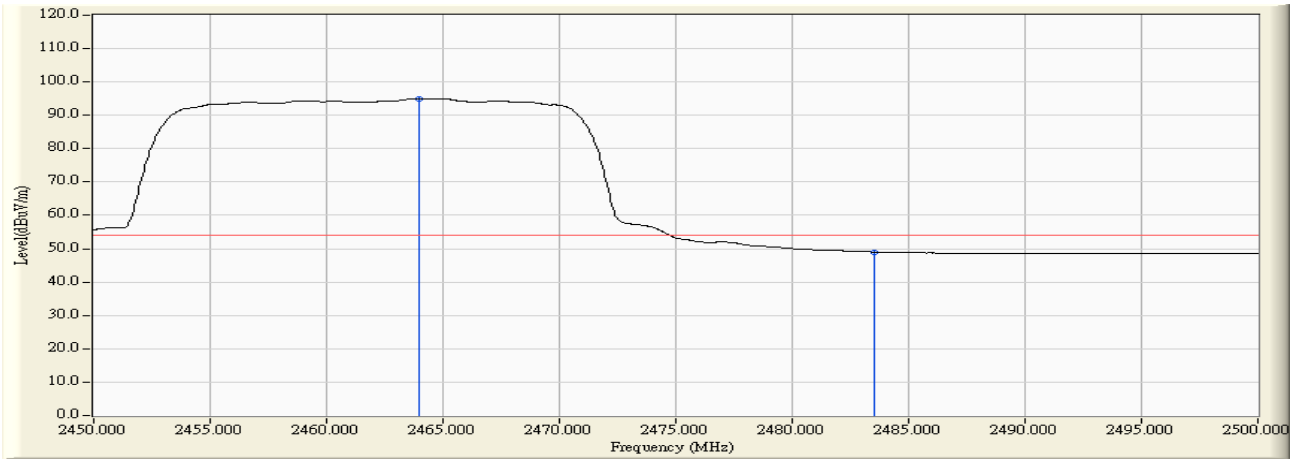
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2458.800	31.224	56.416	87.640	N/A	N/A	AVERAGE
2		2483.500	31.212	17.024	48.236	-5.734	53.970	AVERAGE

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 13:54**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
Probe : 9120D_499(1-18GHz) - VERTICAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 4: Transmit at Channel 2462MHz by 802.11n(20MHz) (chain 0+1)**



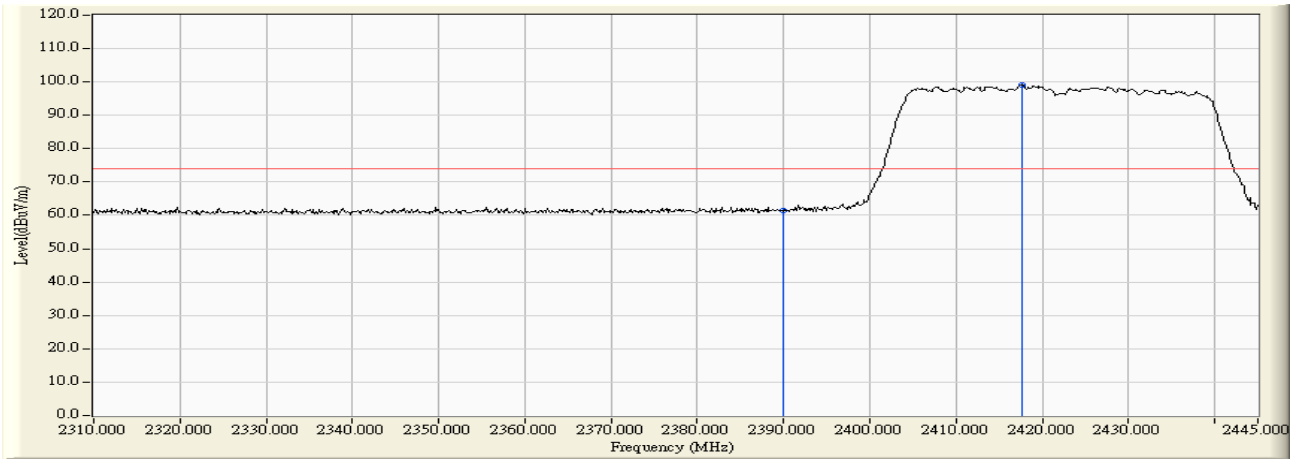
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2465.050	31.223	74.037	105.260	N/A	N/A	PEAK
2		2483.500	31.212	30.531	61.743	-12.227	73.970	PEAK

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 13:55**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
Probe : 9120D_499(1-18GHz) - VERTICAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 4: Transmit at Channel 2462MHz by 802.11n(20MHz) (chain 0+1)**



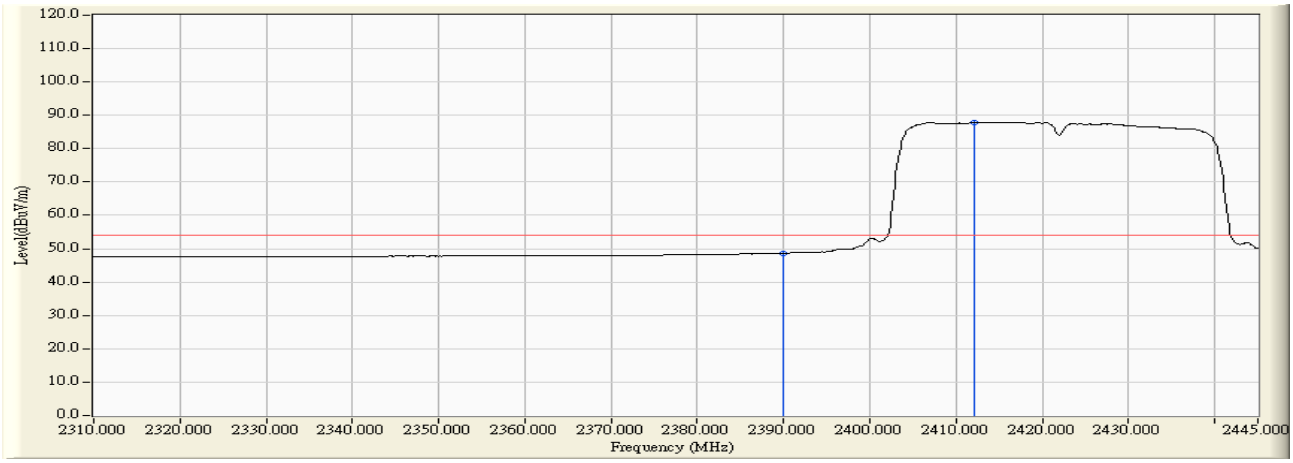
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2464.000	31.224	63.645	94.869	N/A	N/A	AVERAGE
2		2483.500	31.212	17.841	49.053	-4.917	53.970	AVERAGE

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 14:48**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
Probe : 9120D_499(1-18GHz) - HORIZONTAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 5: Transmit at Channel 2422MHz by 802.11n(40MHz)(chain 0+1)**



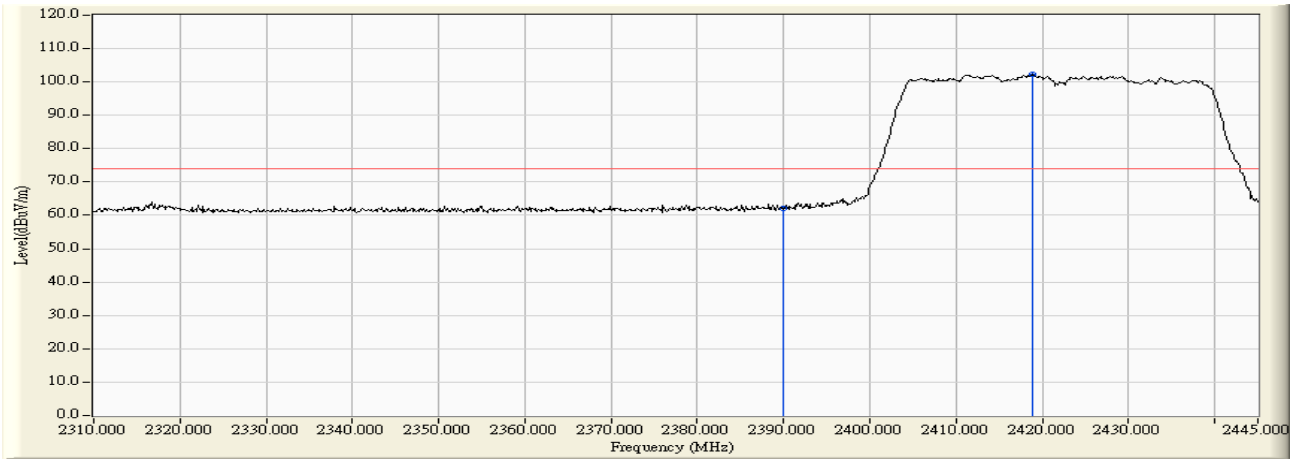
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	30.371	61.555	-12.415	73.970	PEAK
2	*	2417.730	31.195	67.886	99.081	N/A	N/A	PEAK

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 14:48**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
Probe : 9120D_499(1-18GHz) - HORIZONTAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 5: Transmit at Channel 2422MHz by 802.11n(40MHz)(chain 0+1)**



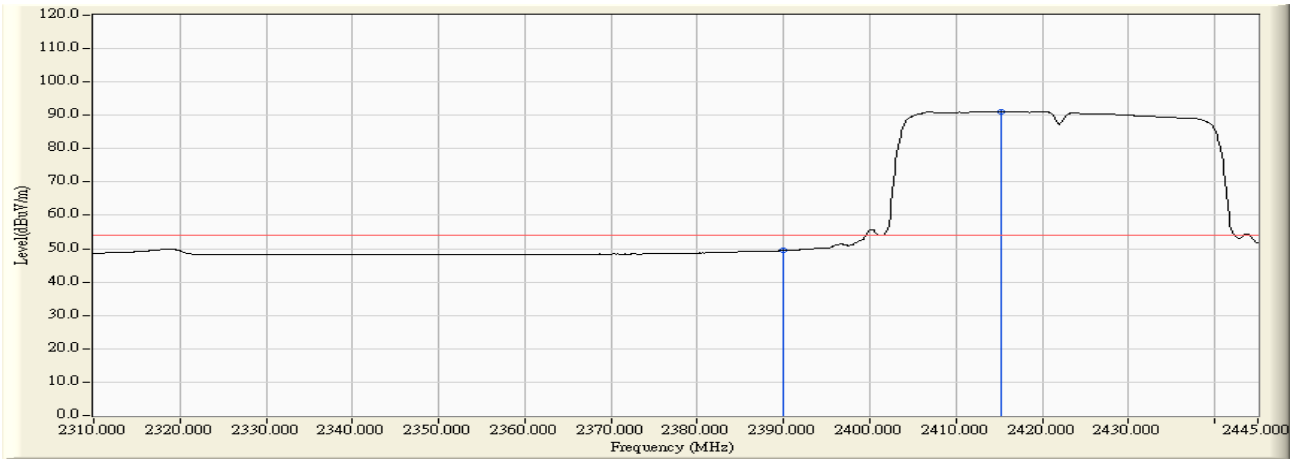
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	17.461	48.645	-5.325	53.970	AVERAGE
2	*	2412.195	31.190	56.759	87.950	N/A	N/A	AVERAGE

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 14:54**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
Probe : 9120D_499(1-18GHz) - VERTICAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 5: Transmit at Channel 2422MHz by 802.11n(40MHz)(chain 0+1)**



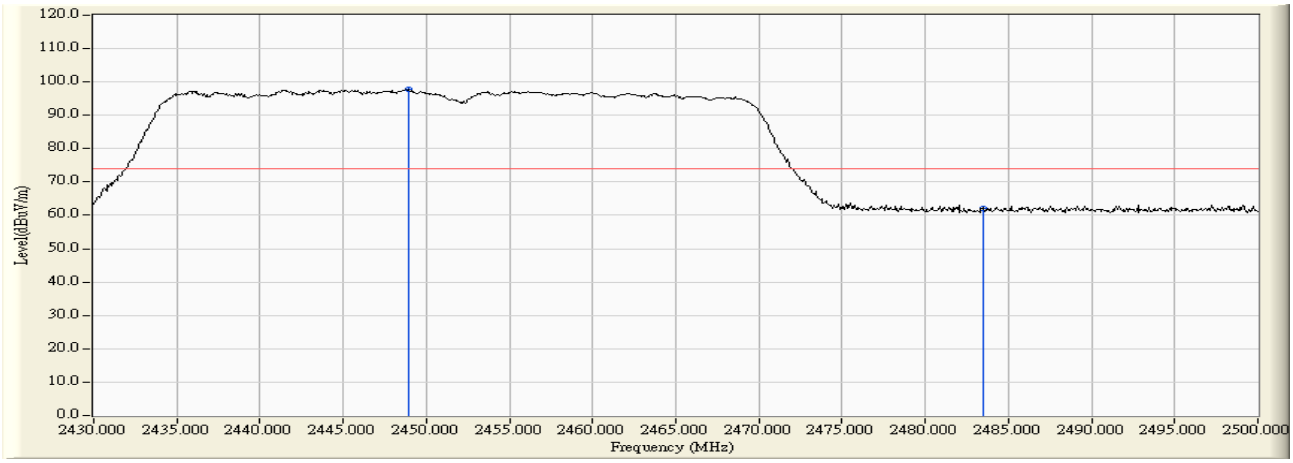
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	31.046	62.230	-11.740	73.970	PEAK
2	*	2418.810	31.196	71.060	102.256	N/A	N/A	PEAK

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 14:55**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
Probe : 9120D_499(1-18GHz) - VERTICAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 5: Transmit at Channel 2422MHz by 802.11n(40MHz)(chain 0+1)**



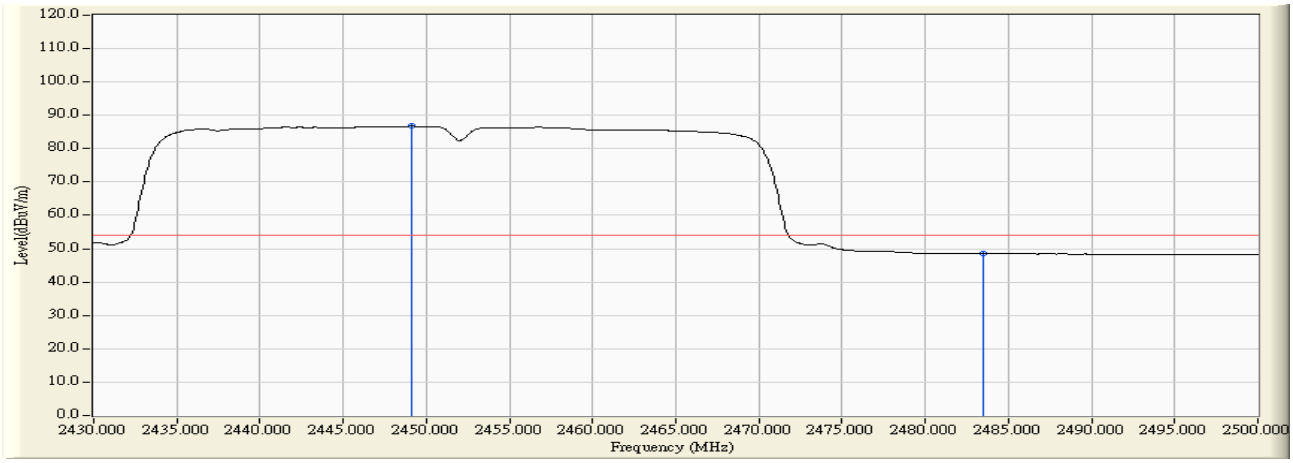
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	18.260	49.444	-4.526	53.970	AVERAGE
2	*	2415.165	31.194	59.989	91.182	N/A	N/A	AVERAGE

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 15:03**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
Probe : 9120D_499(1-18GHz) - HORIZONTAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 5: Transmit at Channel 2452MHz by 802.11n(40MHz)(chain 0+1)**



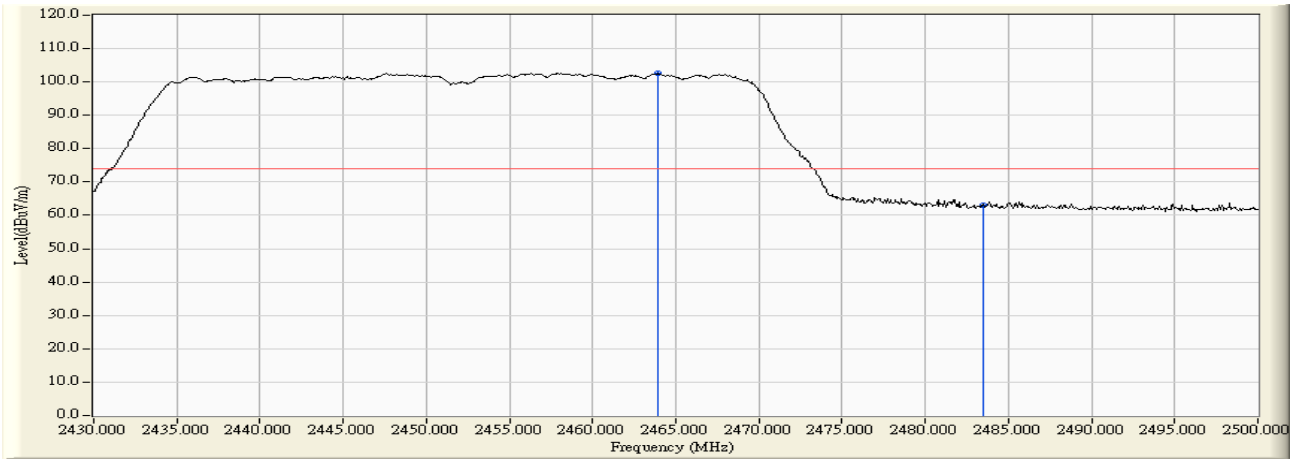
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2448.900	31.220	66.584	97.804	N/A	N/A	PEAK
2		2483.500	31.212	30.964	62.176	-11.794	73.970	PEAK

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 15:03**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
Probe : 9120D_499(1-18GHz) - HORIZONTAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 5: Transmit at Channel 2452MHz by 802.11n(40MHz)(chain 0+1)**



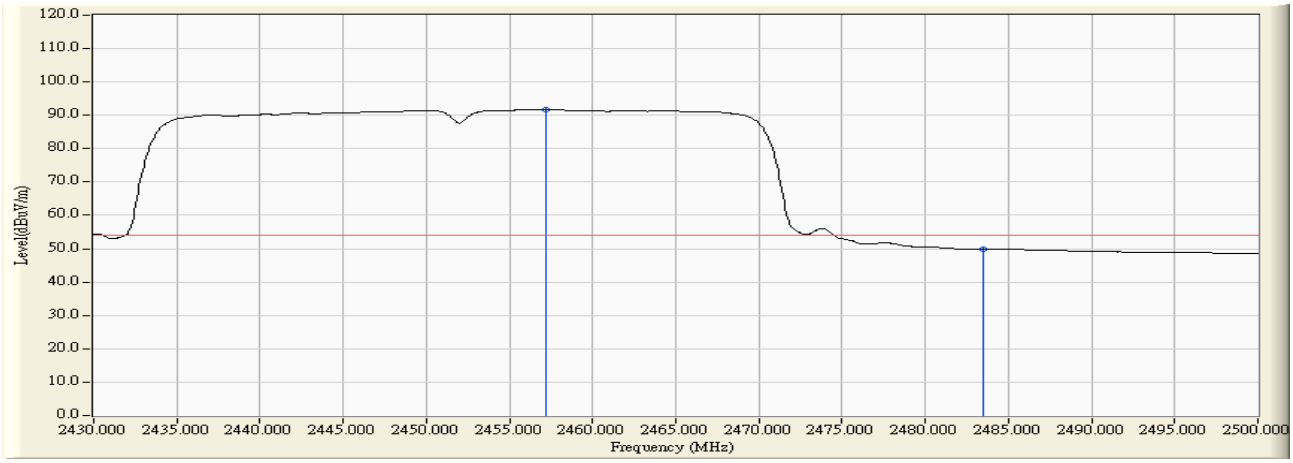
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2449.110	31.220	55.491	86.711	N/A	N/A	AVERAGE
2		2483.500	31.212	17.288	48.500	-5.470	53.970	AVERAGE

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 15:00**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
Probe : 9120D_499(1-18GHz) - VERTICAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 5: Transmit at Channel 2452MHz by 802.11n(40MHz)(chain 0+1)**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2463.880	31.224	71.456	102.680	N/A	N/A	PEAK
2		2483.500	31.212	31.965	63.177	-10.793	73.970	PEAK

Engineer : Cryst	
Site : AC-5 (3m Semi-Anechoic Chamber)	**Time : 2009/09/07 - 15:01**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
Probe : 9120D_499(1-18GHz) - VERTICAL	**Power : DC**
EUT : Flip Share TV(USB Dongle)	**Note : Mode 5: Transmit at Channel 2452MHz by 802.11n(40MHz)(chain 0+1)**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2457.160	31.223	60.582	91.805	N/A	N/A	AVERAGE
2		2483.500	31.212	18.553	49.765	-4.205	53.970	AVERAGE

7. Operation Frequency Range of 20dB Bandwidth

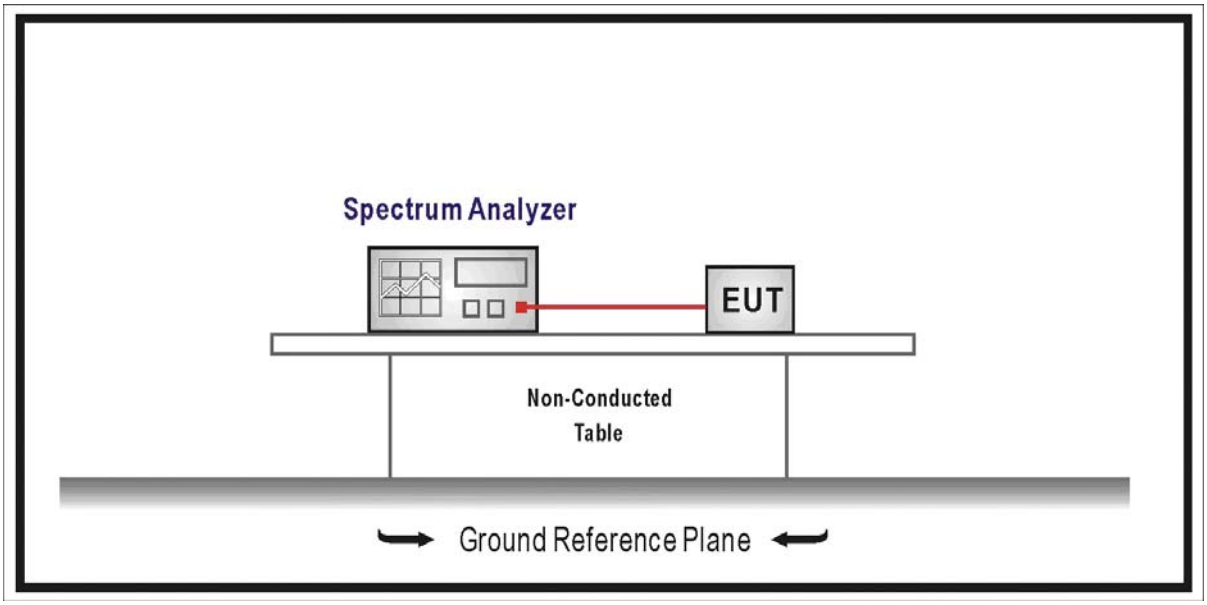
7.1. Test Equipment

Operation Frequency Range of 20dB Bandwidth / AC-6

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2009/06/11
Coaxial Cable	Huber+Suhner	AC4-RF	09	2008/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH007	2009/03/30

Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

7.2. Test Setup



7.3. Limit

20 dB bandwidth of the emission is contained within the operation frequency band.

7.4. Test Procedure

The EUT was 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.

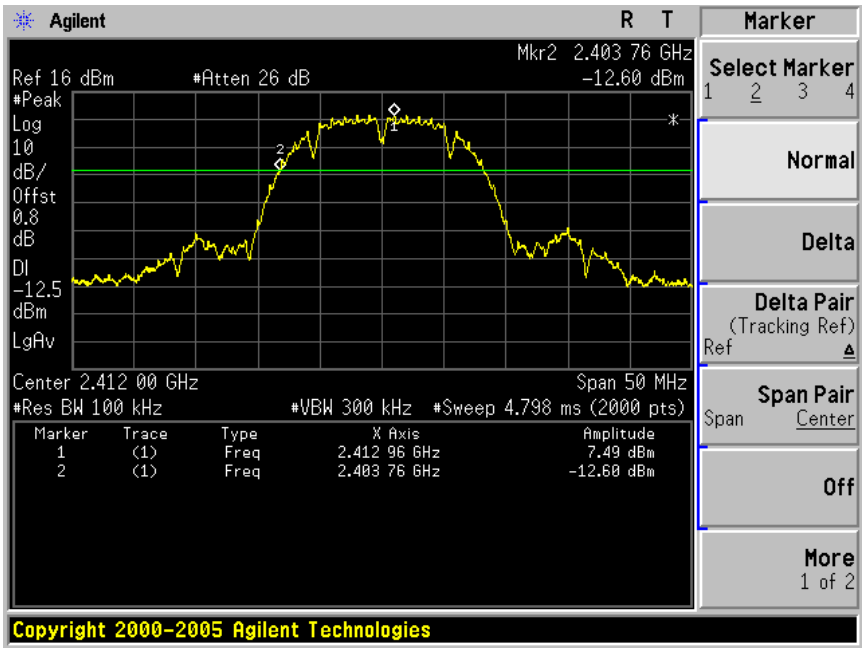
7.5. Uncertainty

The measurement uncertainty is defined as ± 1 kHz

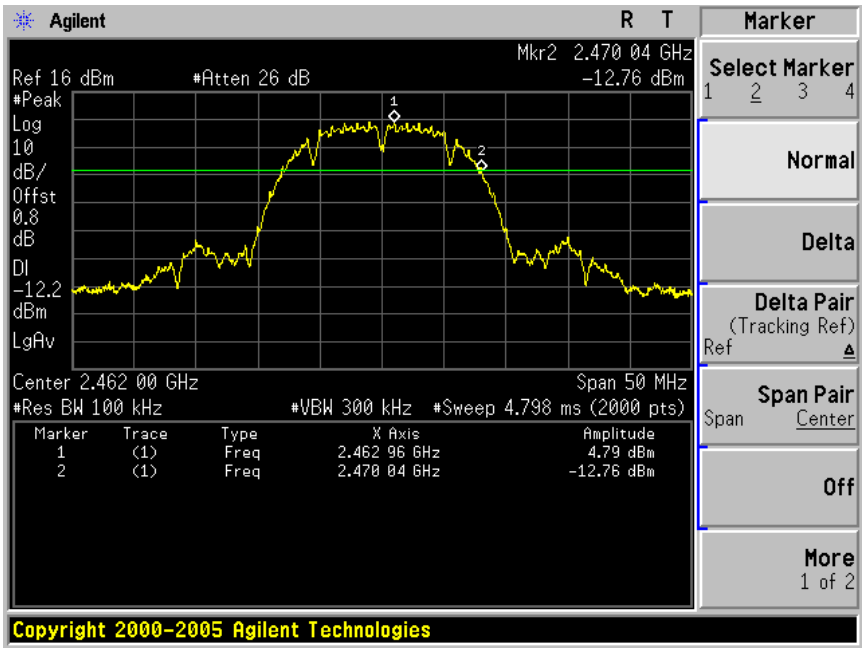
7.6. Test Result

Product	:	Flip Share TV(USB Dongle)
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 1: Transmit by 802.11b (Chain 0)

Channel 01 (2412MHz)

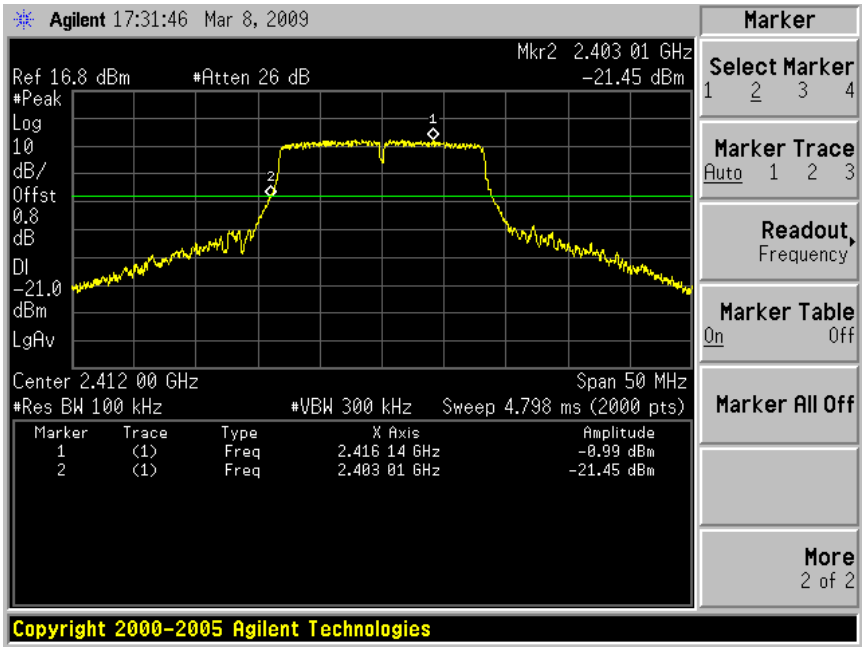


Channel 11 (2462MHz)

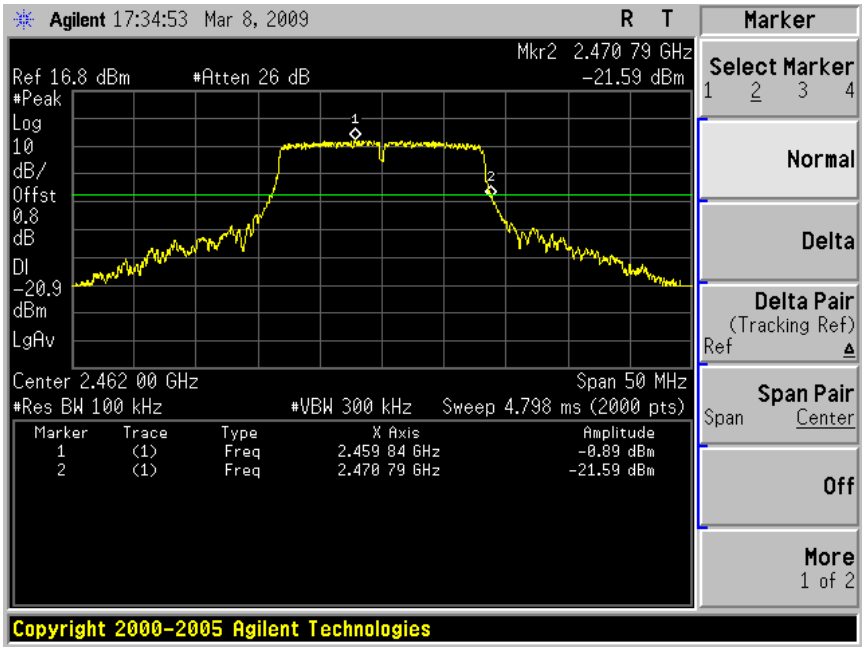


Product	:	Flip Share TV(USB Dongle)
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 2: Transmit by 802.11g (Chain 0)

Channel 01 (2412MHz)

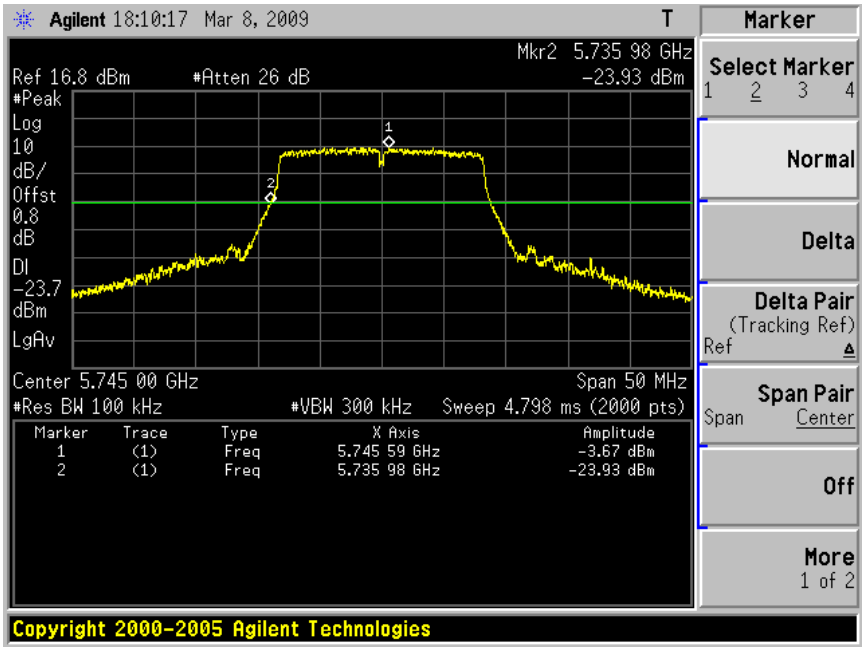


Channel 11 (2462MHz)

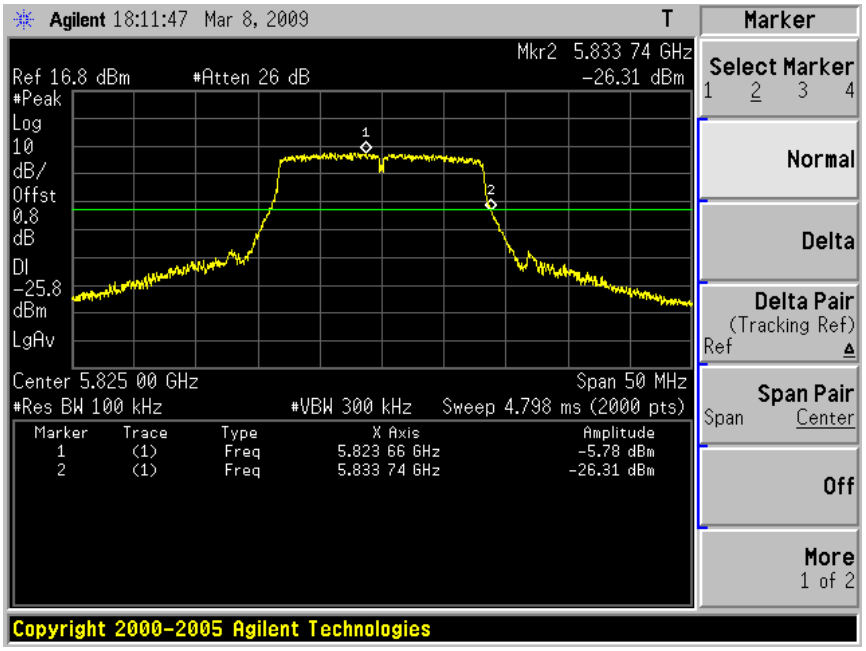


Product	:	Flip Share TV(USB Dongle)
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 3: Transmit by 802.11a (Chain 0)

Channel 149 (5745MHz)

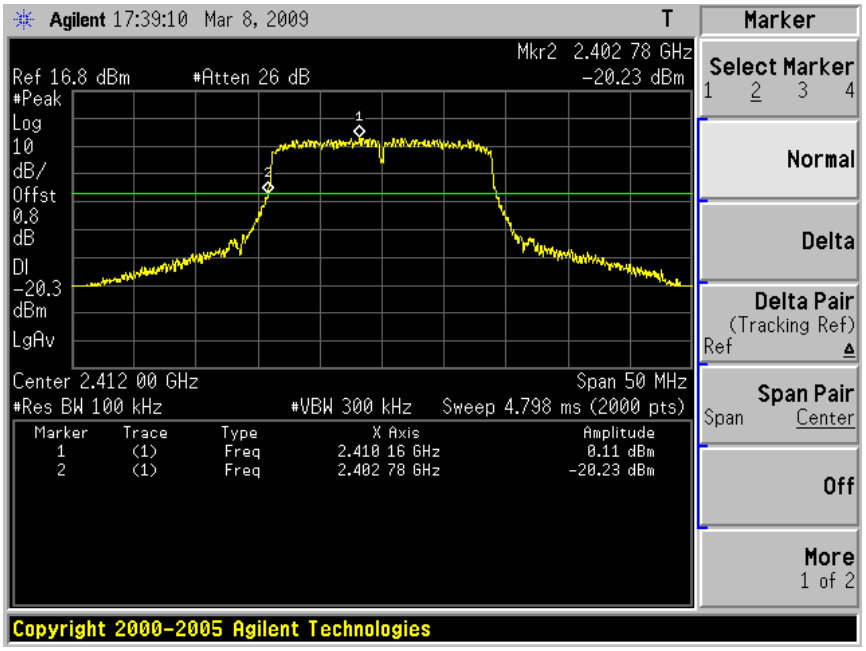


Channel 165 (5825MHz)

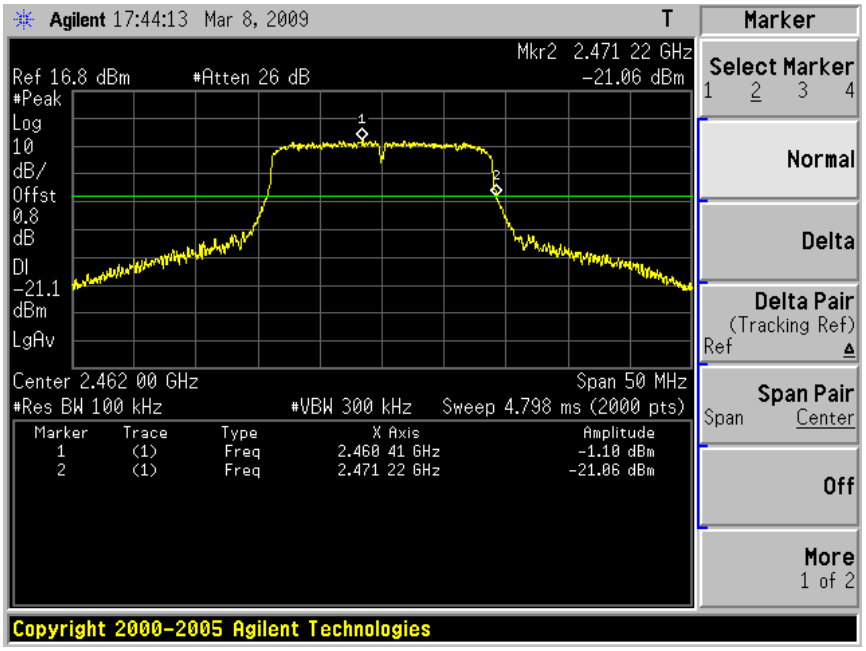


Product	:	Flip Share TV(USB Dongle)
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 4: Transmit by 802.11n (20MHz) (Chain 0)

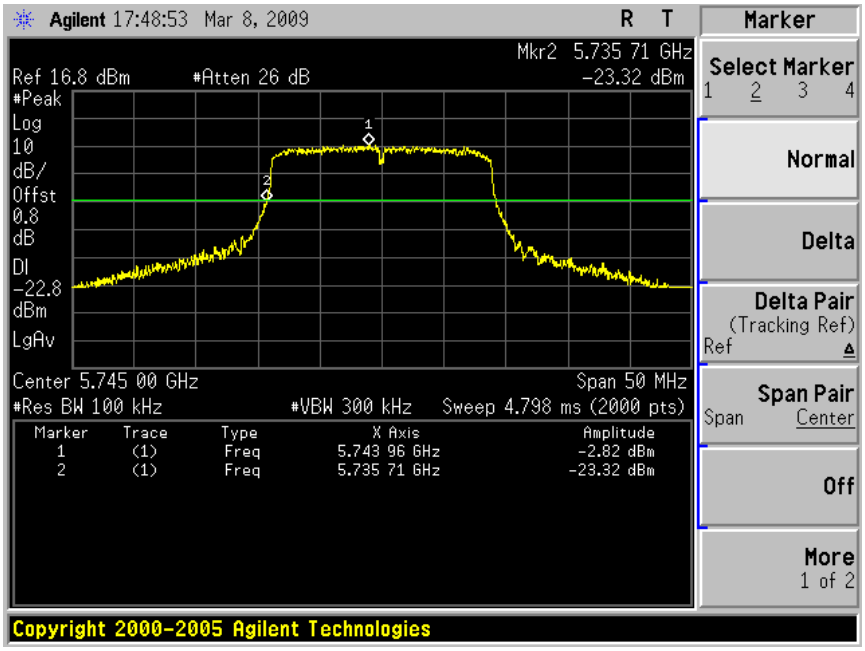
Channel 01 (2412MHz)



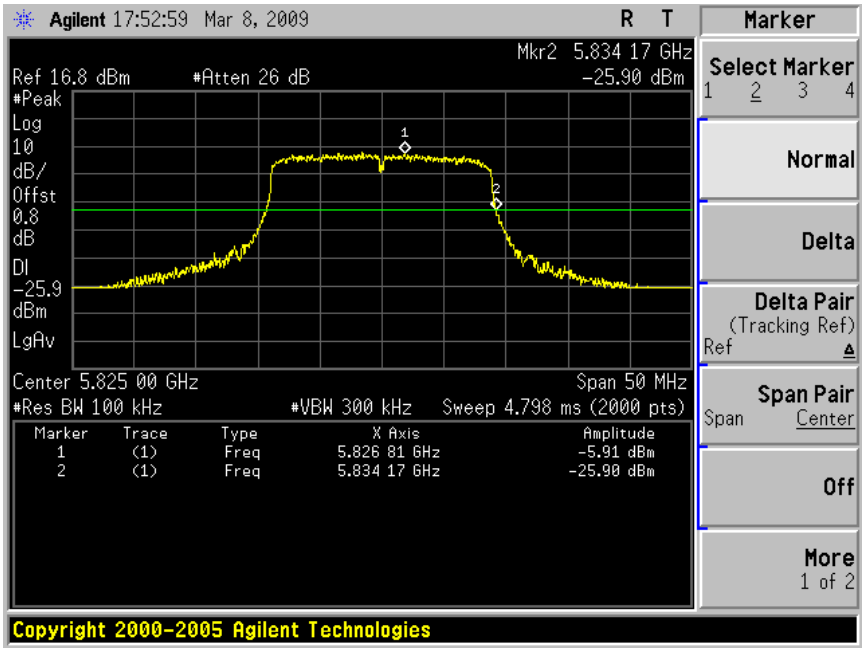
Channel 11 (2462MHz)



Channel 149 (5745MHz)

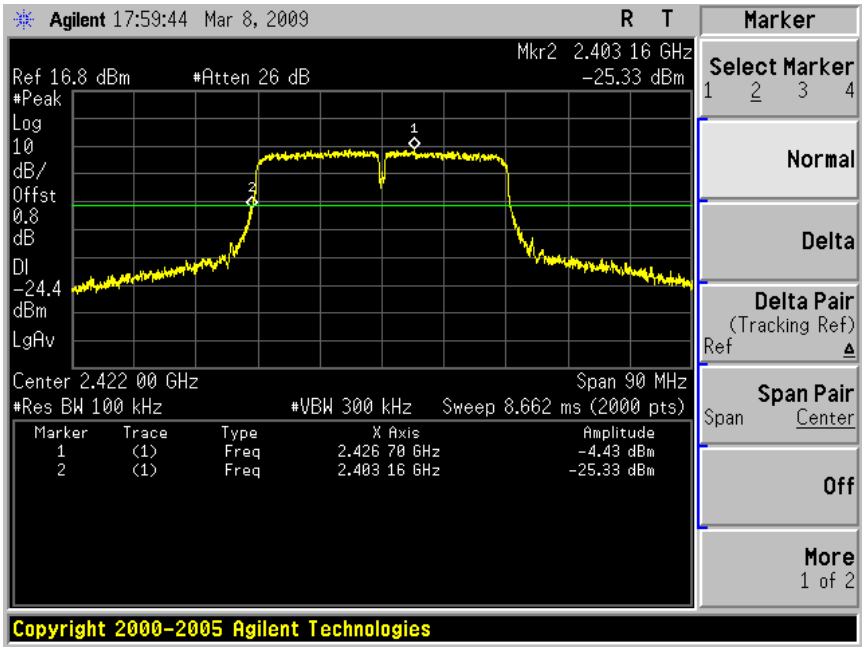


Channel 165 (5825MHz)

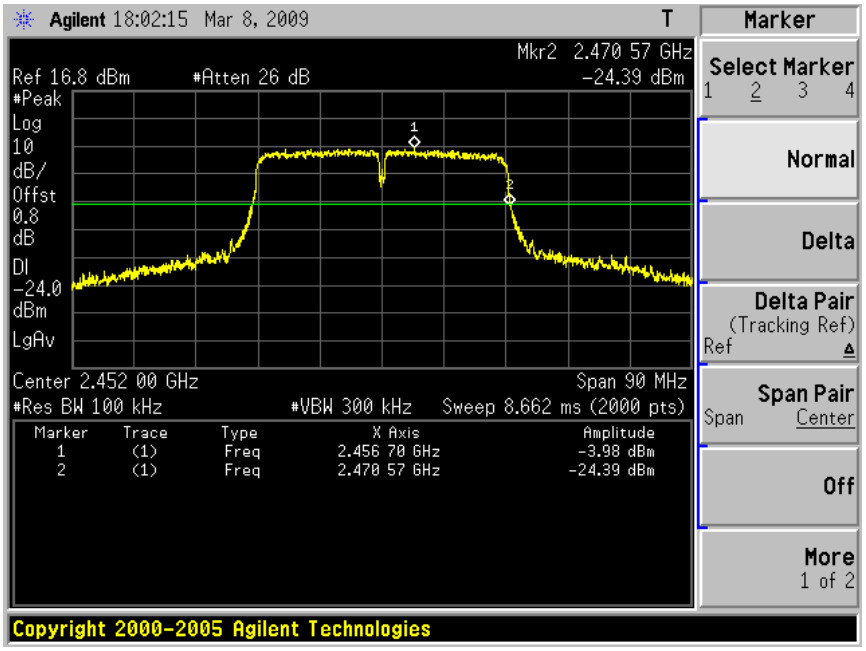


Product	:	Flip Share TV(USB Dongle)
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 5: Transmit by 802.11n (40MHz) (Chain 0)

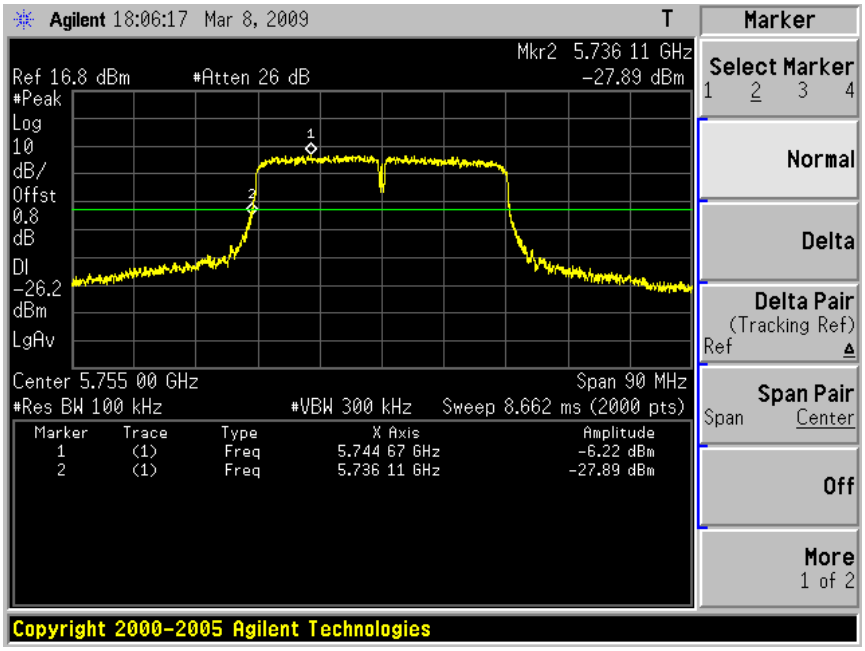
Channel 03 (2422MHz)



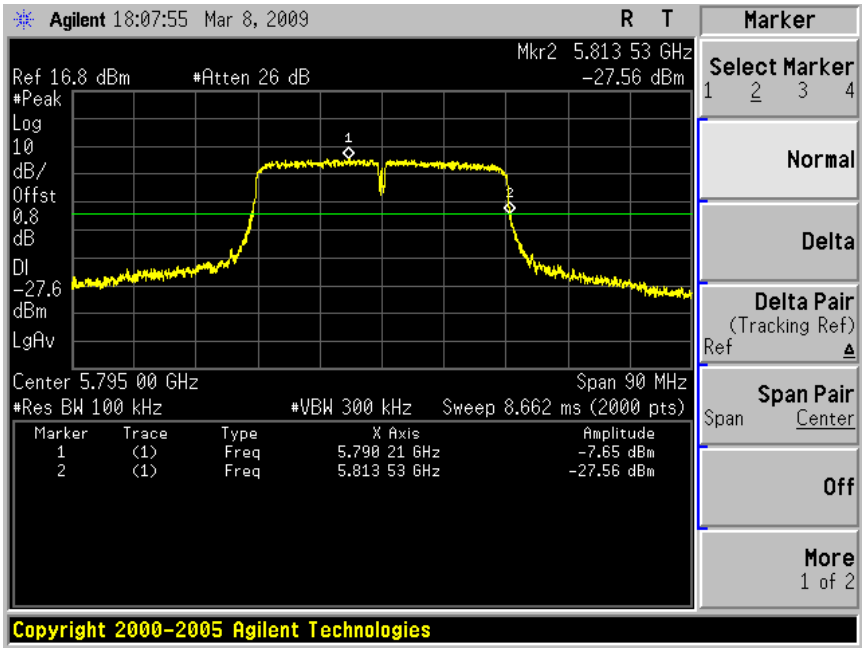
Channel 09 (2452MHz)



Channel 151 (5755MHz)

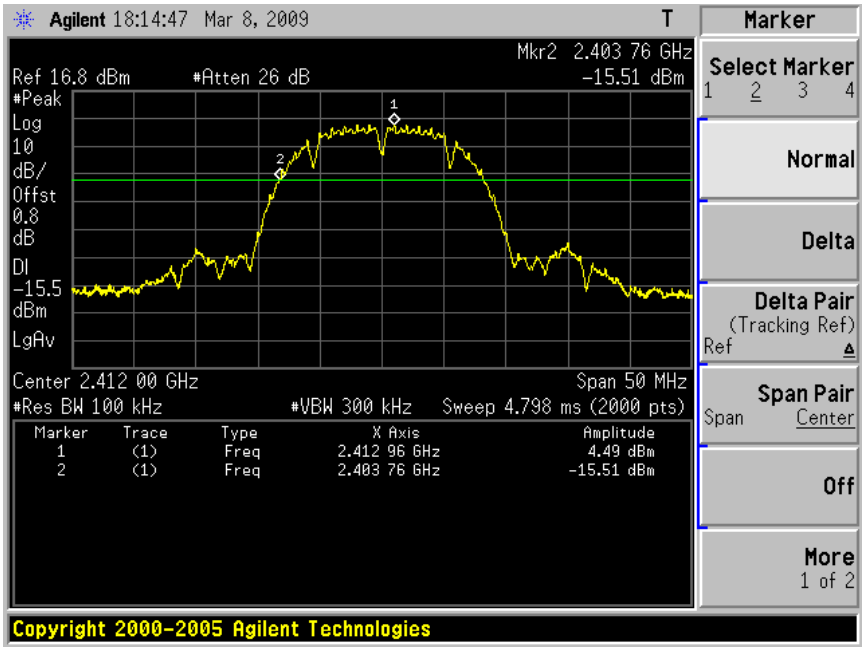


Channel 159 (5795MHz)

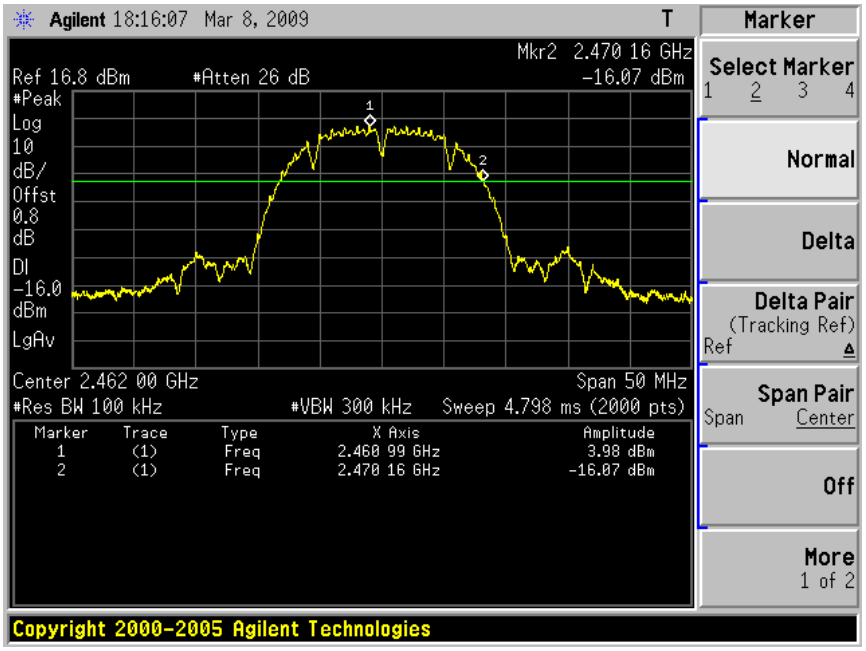


Product	:	Flip Share TV(USB Dongle)
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 1: Transmit by 802.11b (Chain 1)

Channel 01 (2412MHz)

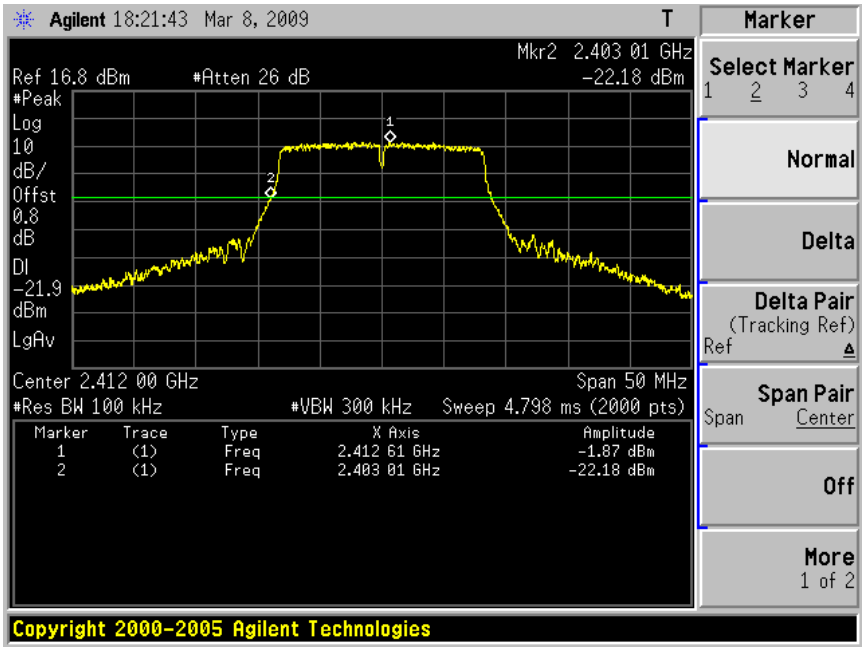


Channel 11 (2462MHz)

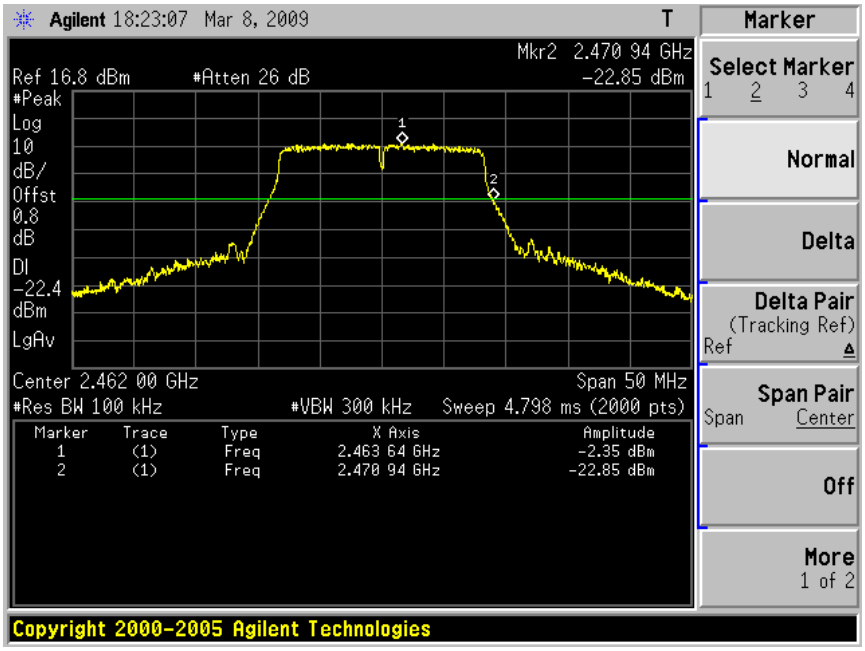


Product	:	Flip Share TV(USB Dongle)
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 2: Transmit by 802.11g (Chain 1)

Channel 01 (2412MHz)

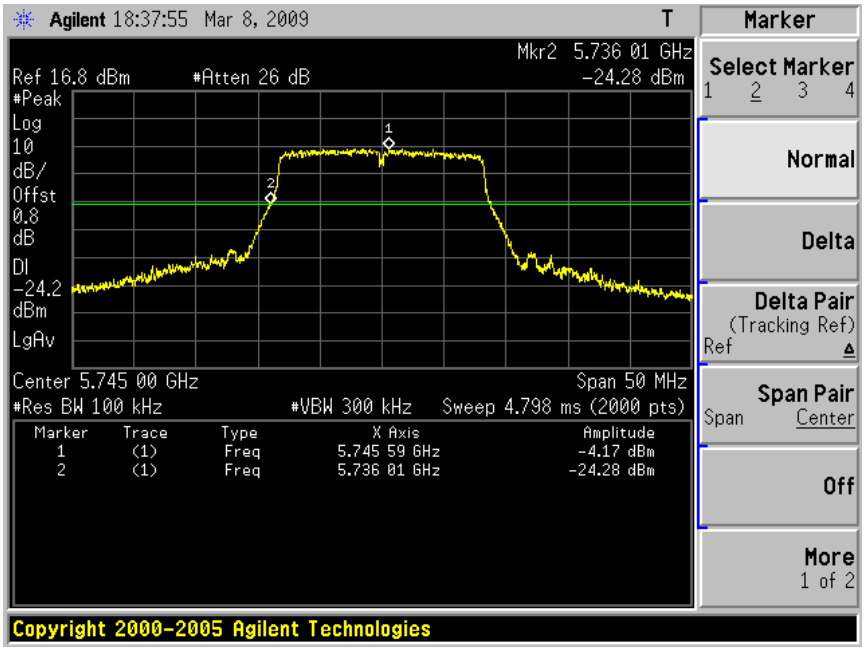


Channel 11 (2462MHz)

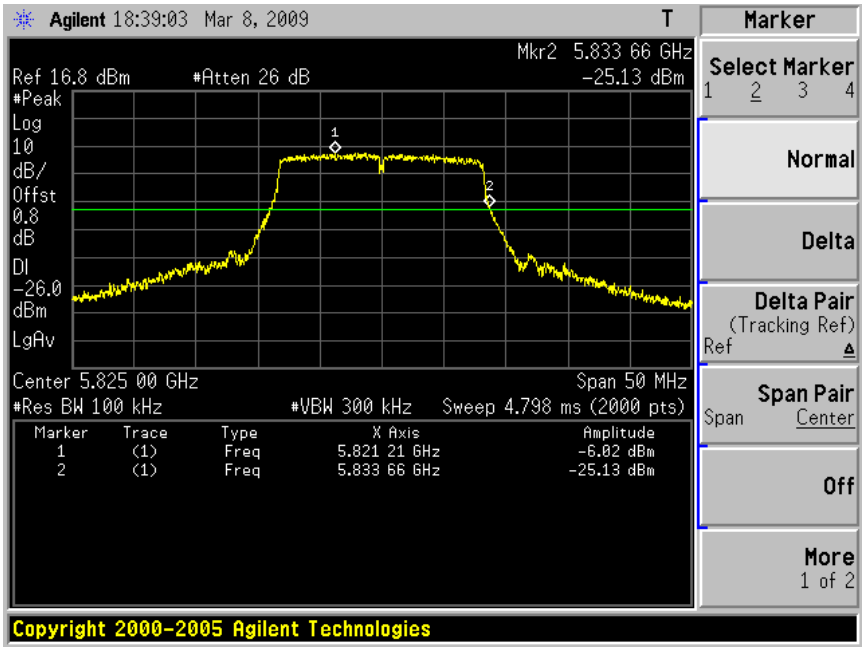


Product	:	Flip Share TV(USB Dongle)
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 3: Transmit by 802.11a (Chain 1)

Channel 149 (5745MHz)

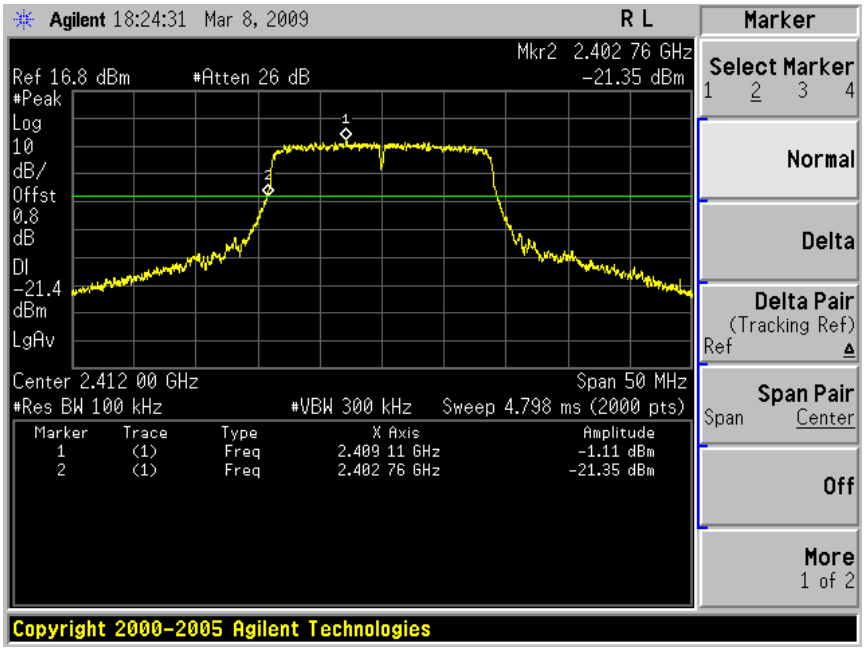


Channel 165 (5825MHz)

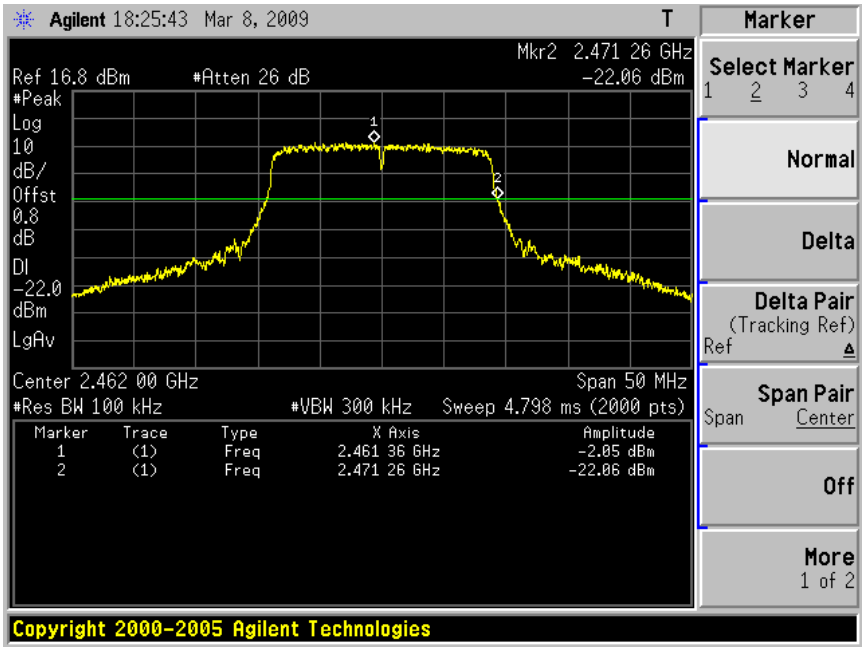


Product	:	Flip Share TV(USB Dongle)
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 4: Transmit by 802.11n (20MHz) (Chain 1)

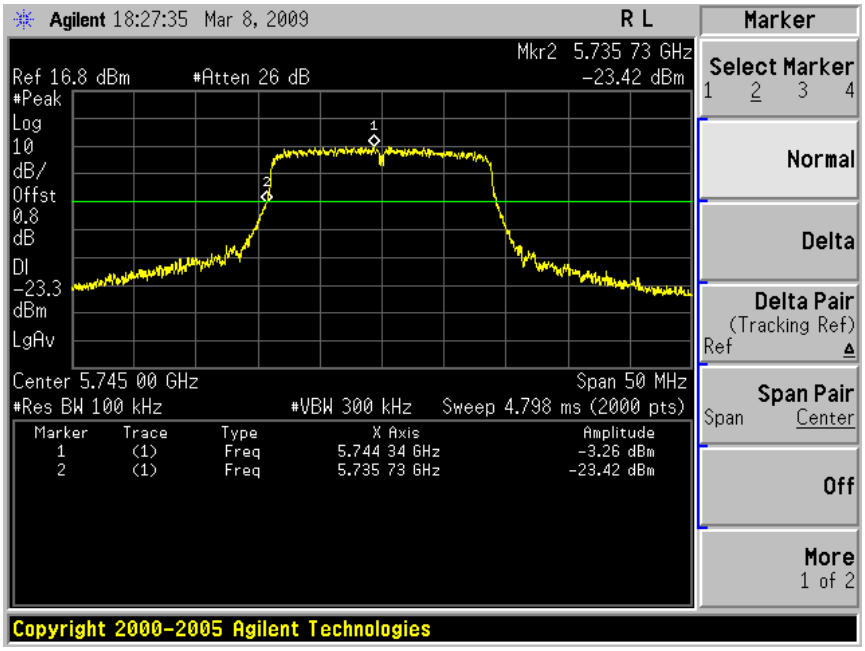
Channel 01 (2412MHz)



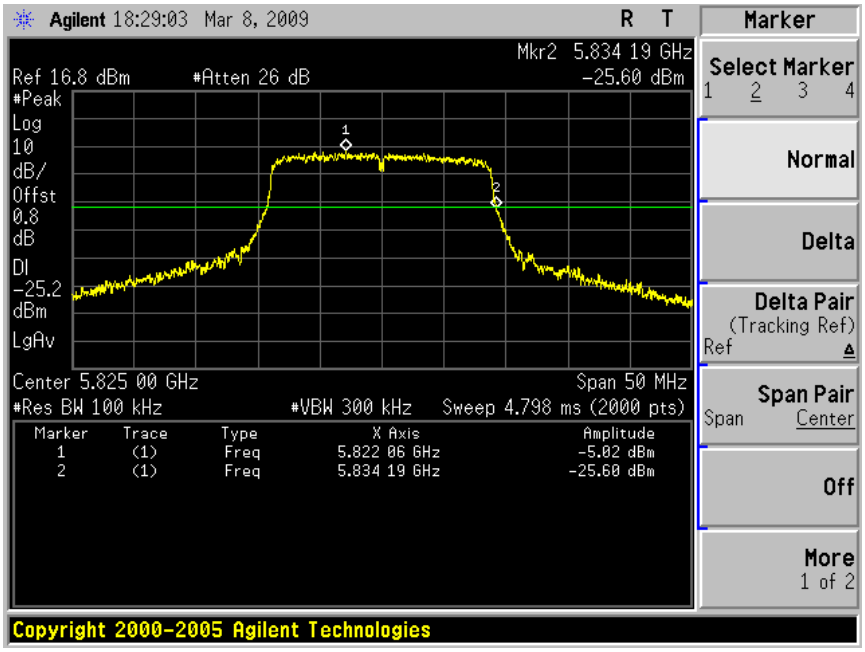
Channel 11 (2462MHz)



Channel 149 (5745MHz)

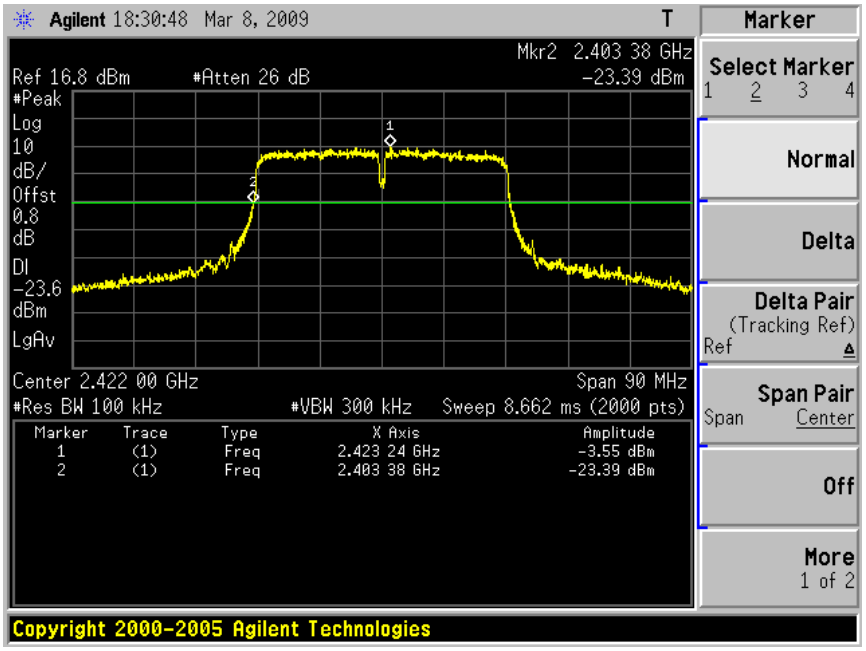


Channel 165 (5825MHz)

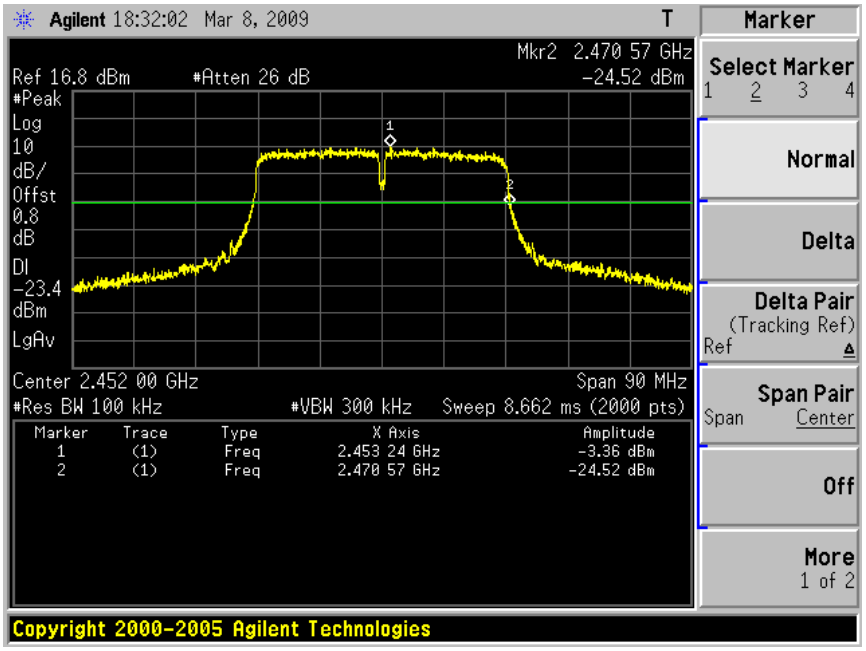


Product	:	Flip Share TV(USB Dongle)
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 5: Transmit by 802.11n (40MHz) (Chain 1)

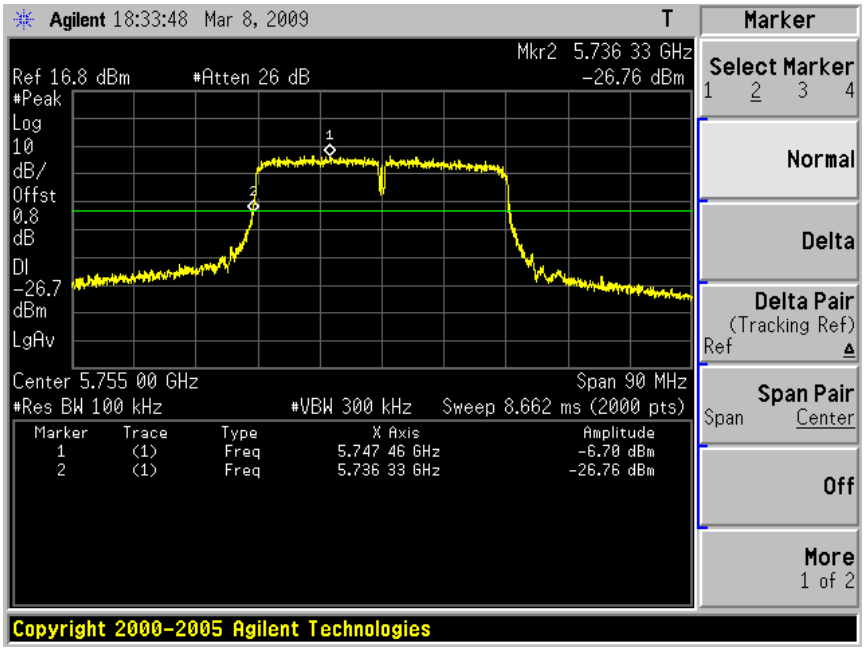
Channel 03 (2422MHz)



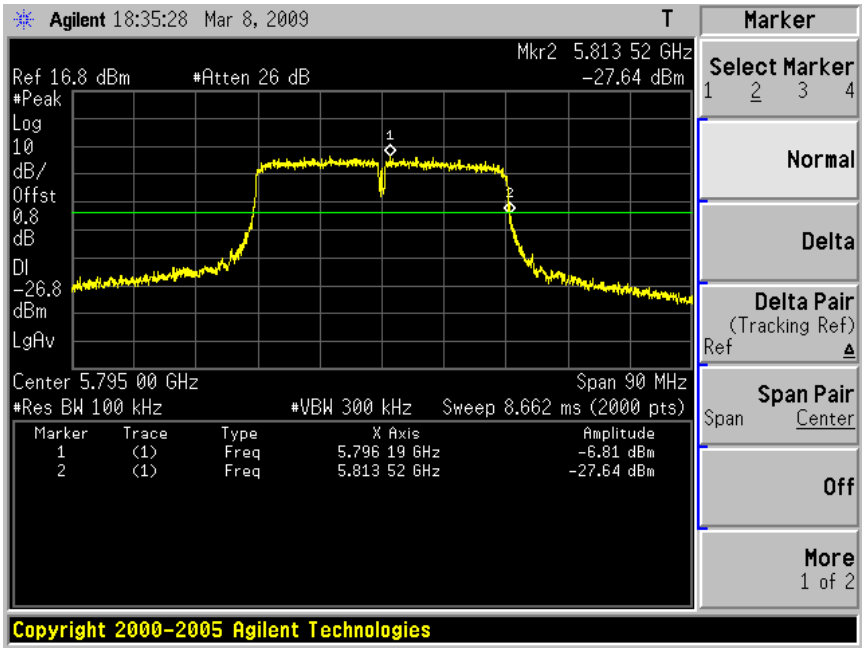
Channel 09 (2452MHz)



Channel 151 (5755MHz)



Channel 159 (5795MHz)



8. Occupied Bandwidth

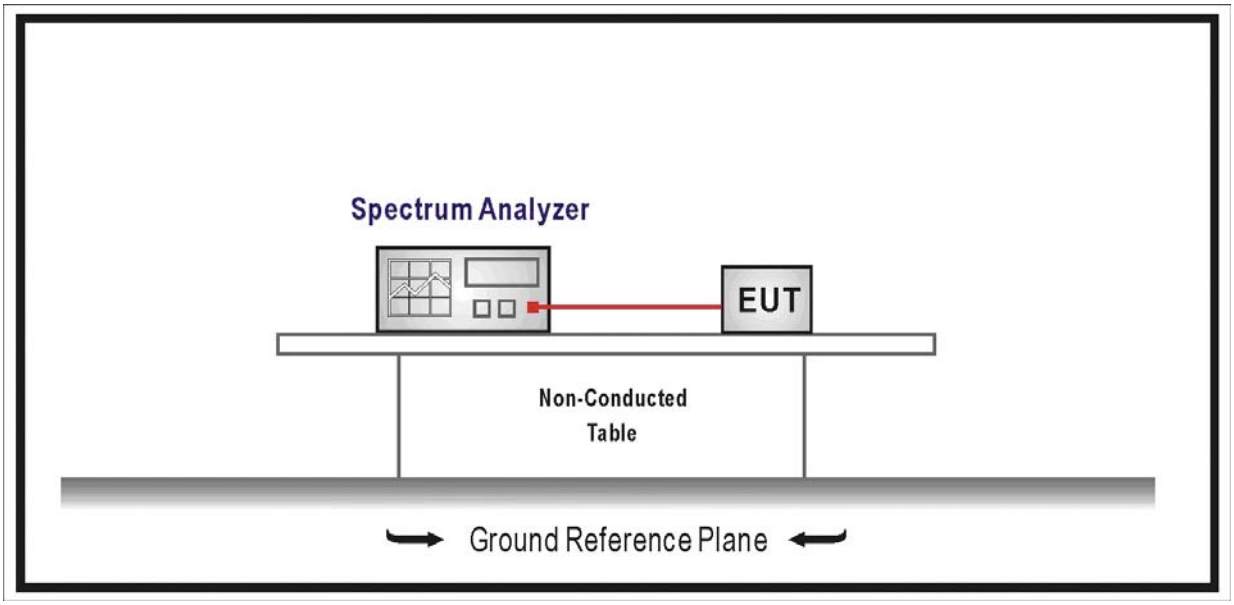
8.1. Test Equipment

Occupied Bandwidth / AC-6

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2009/06/11
Coaxial Cable	Huber+Suhner	AC4-RF	09	2008/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH007	2009/03/30

Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

8.2. Test Setup



8.3. Limit

The minimum 6 dB bandwidth shall be at least 500 kHz.

8.4. Test Procedure

The EUT was 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.

8.5. Uncertainty

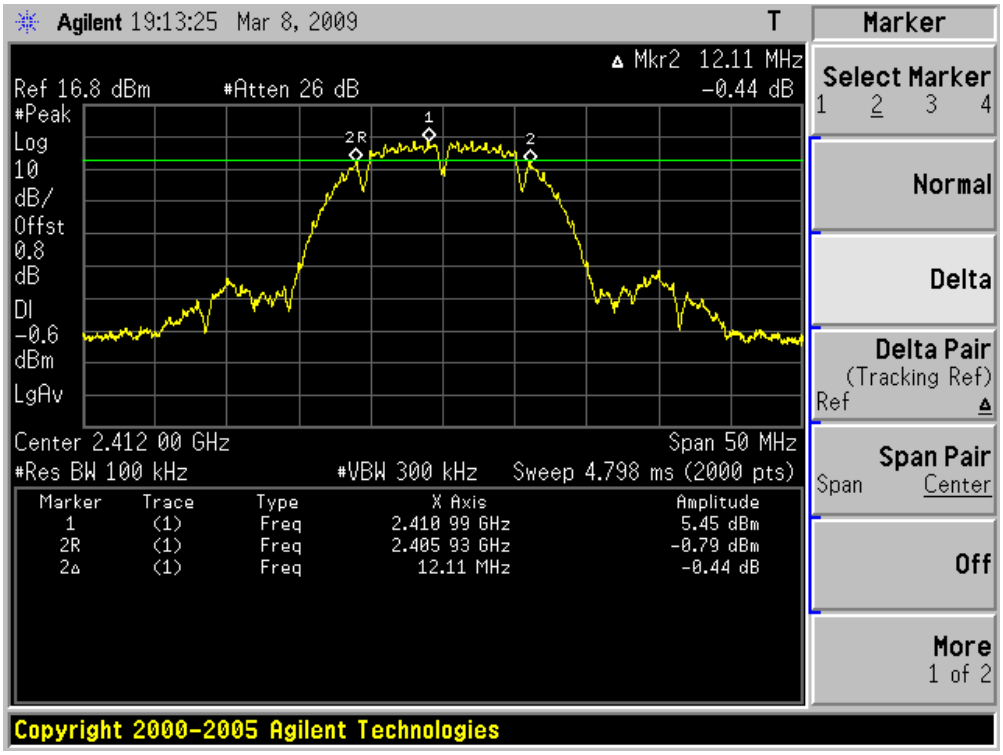
The measurement uncertainty is defined as ± 1 kHz

8.6. Test Result

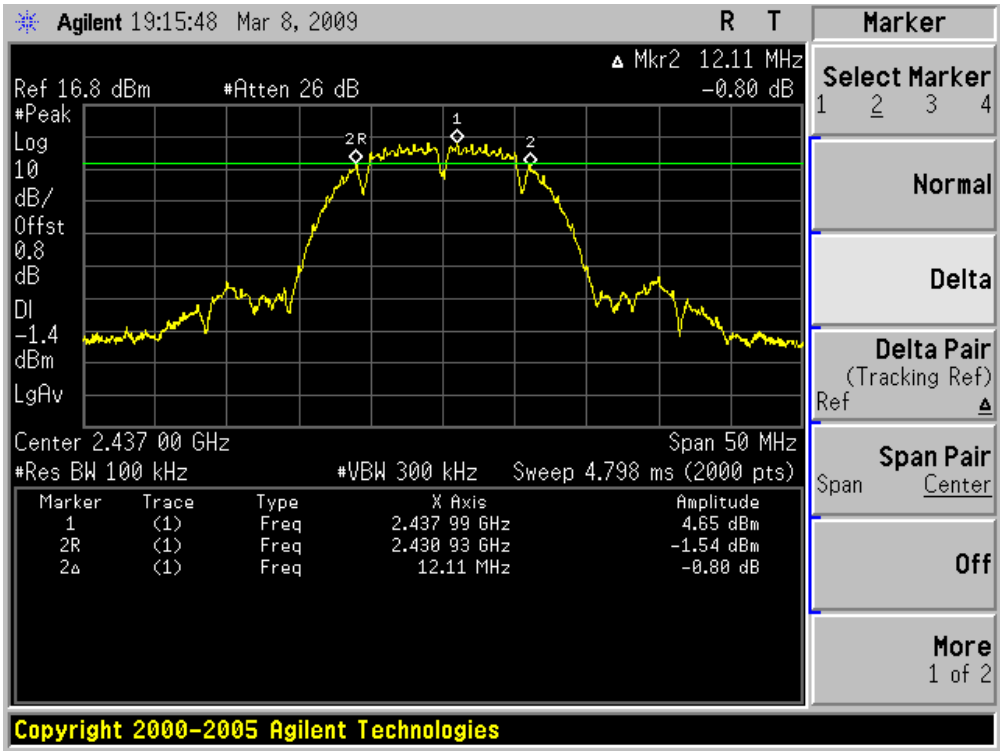
Product	:	Flip Share TV(USB Dongle)
Test Item	:	6dB Occupied Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 1: Transmit by 802.11b (Chain 0)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
01	2412	12110	500	Pass
06	2437	12110	500	Pass
11	2462	12110	500	Pass

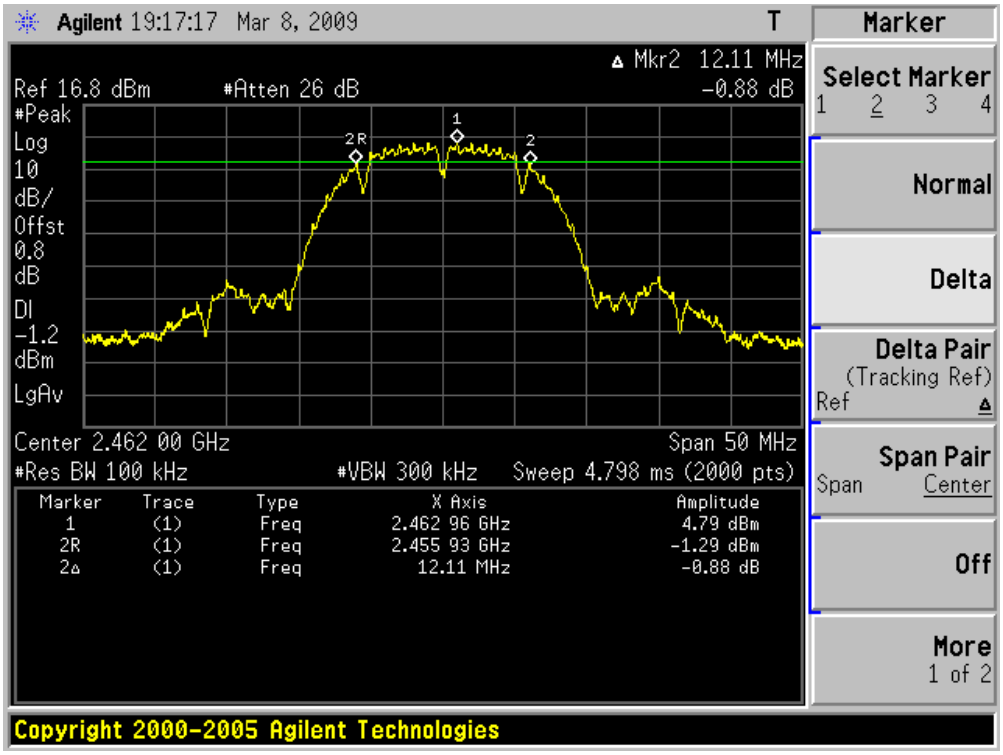
Channel 01 (2412MHz)



Channel 06 (2437MHz)



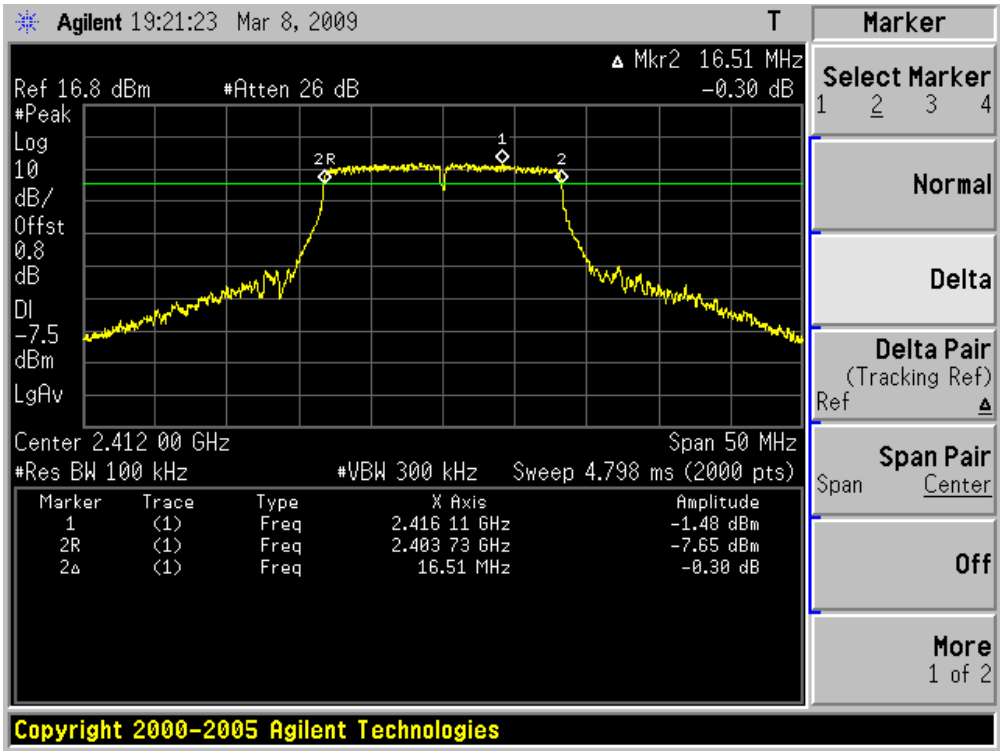
Channel 11 (2462MHz)



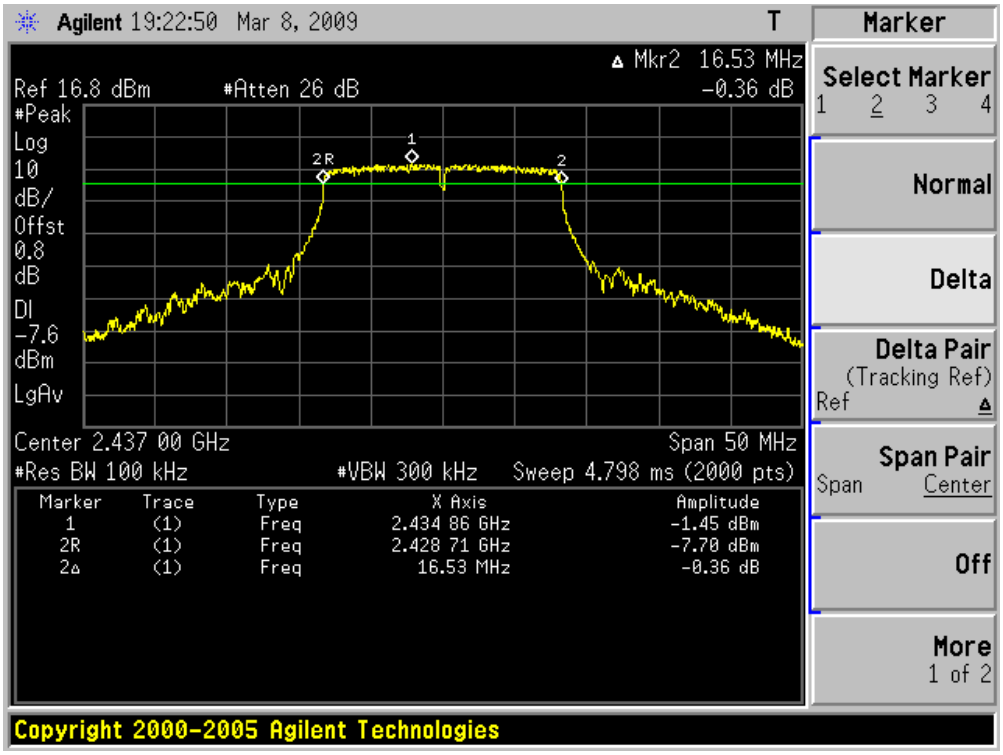
Product	:	Flip Share TV(USB Dongle)
Test Item	:	6dB Occupied Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 2: Transmit by 802.11g (Chain 0)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
01	2412	16510	500	Pass
06	2437	16530	500	Pass
11	2462	16480	500	Pass

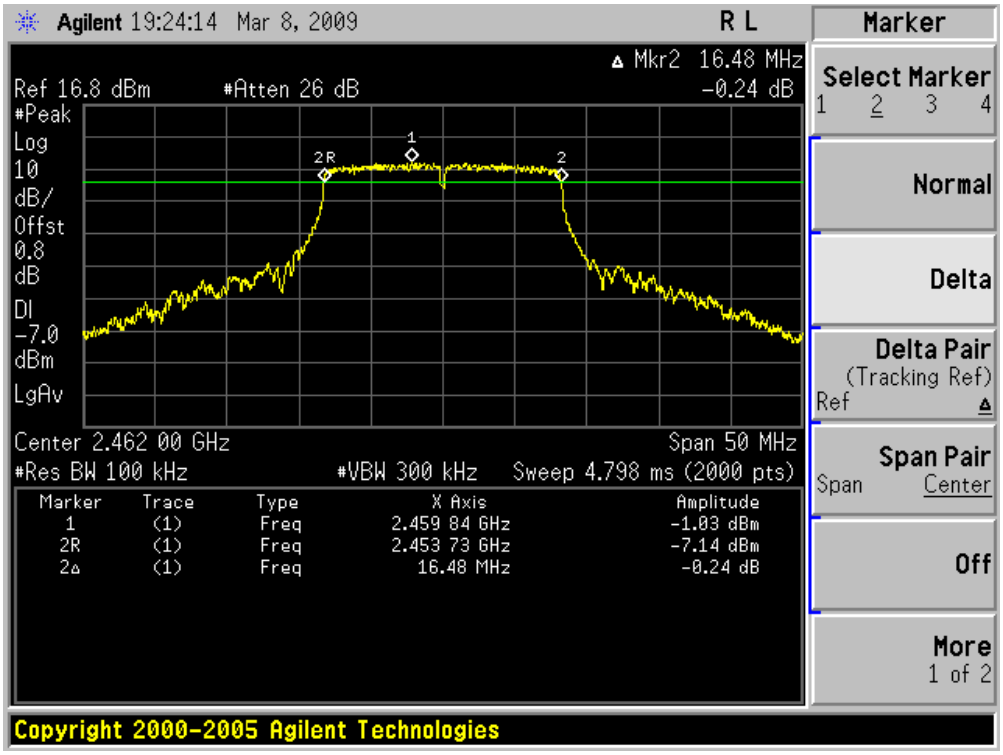
Channel 01 (2412MHz)



Channel 06 (2437MHz)



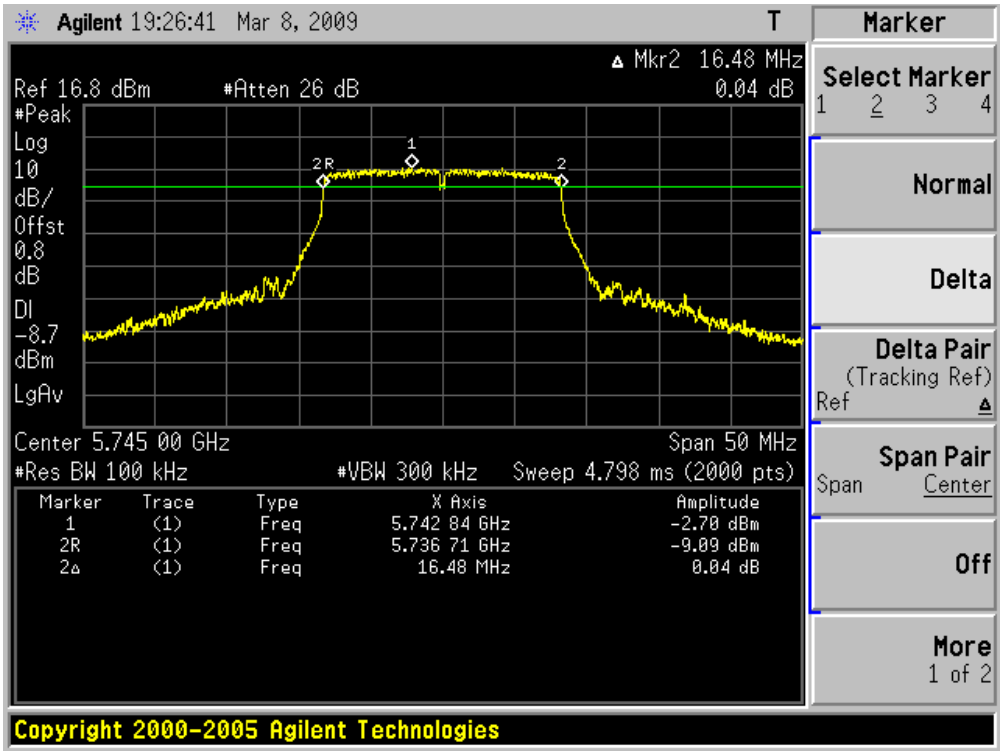
Channel 11 (2462MHz)



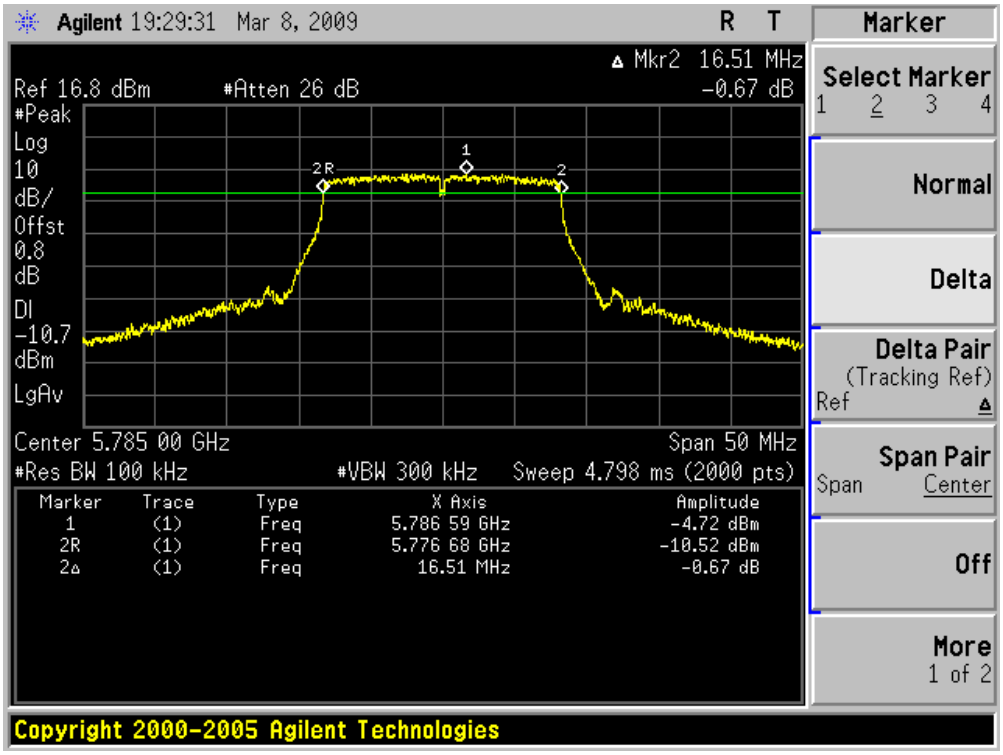
Product	:	Flip Share TV(USB Dongle)
Test Item	:	6dB Occupied Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 3: Transmit by 802.11a (Chain 0)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
149	5745	16480	500	Pass
157	5785	16510	500	Pass
165	5825	16480	500	Pass

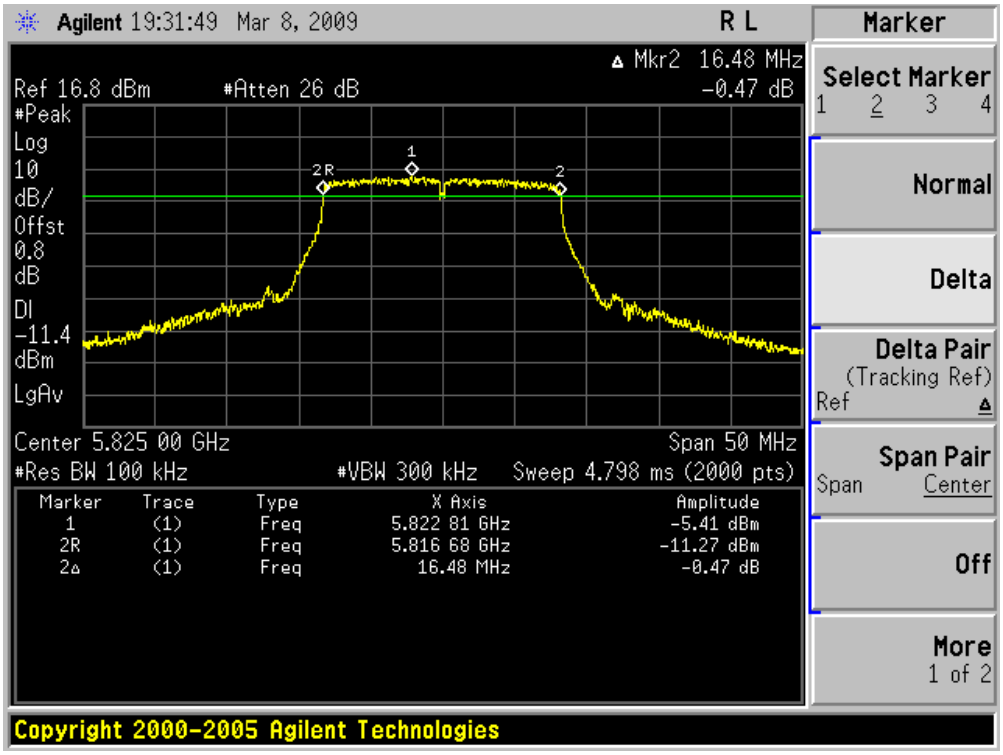
Channel 149 (5745MHz)



Channel 157 (5785MHz)



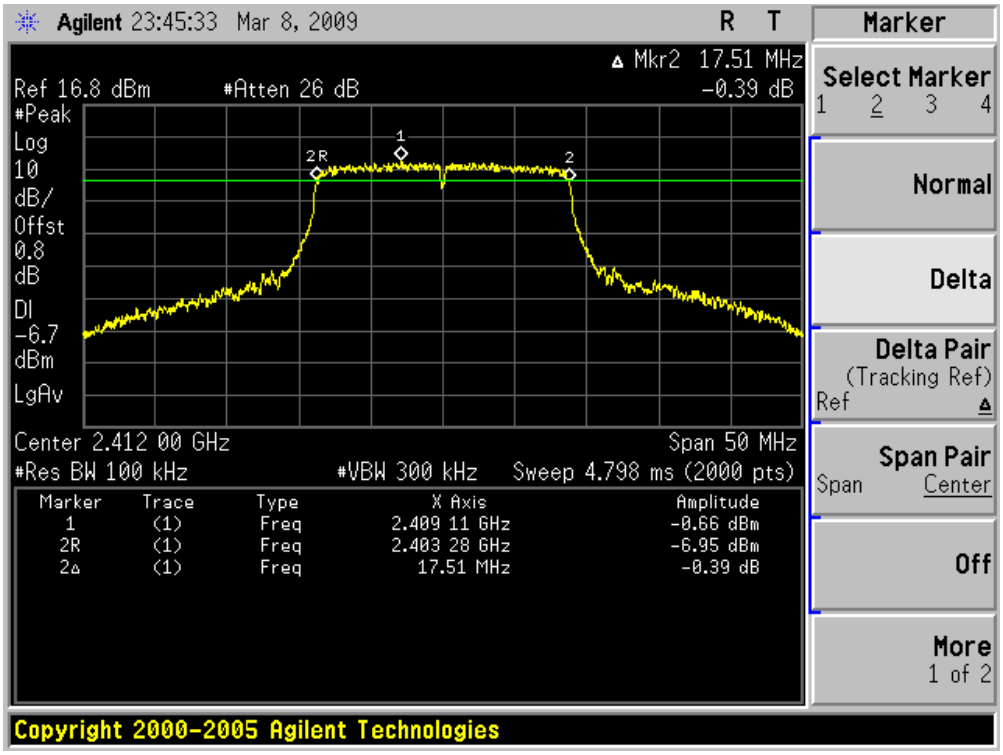
Channel 165 (5825MHz)



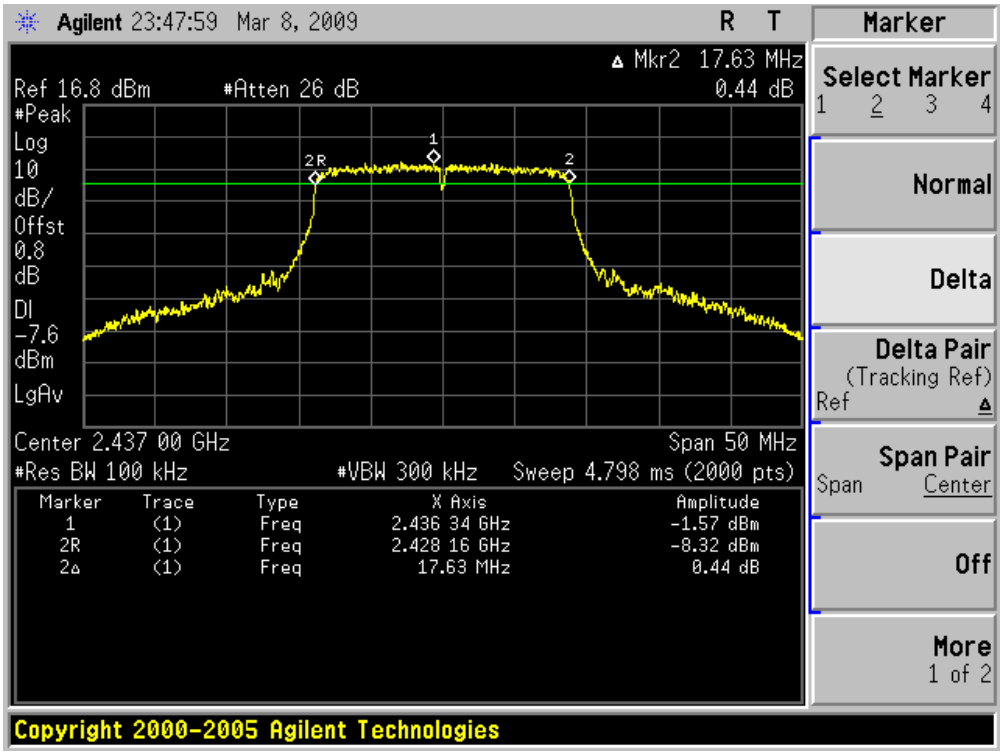
Product	:	Flip Share TV(USB Dongle)
Test Item	:	6dB Occupied Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 4: Transmit by 802.11n (20MHz) (Chain 0)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
01	2412	17510	500	Pass
06	2437	17630	500	Pass
11	2462	17480	500	Pass
149	5745	17610	500	Pass
157	5785	17460	500	Pass
165	5825	17660	500	Pass

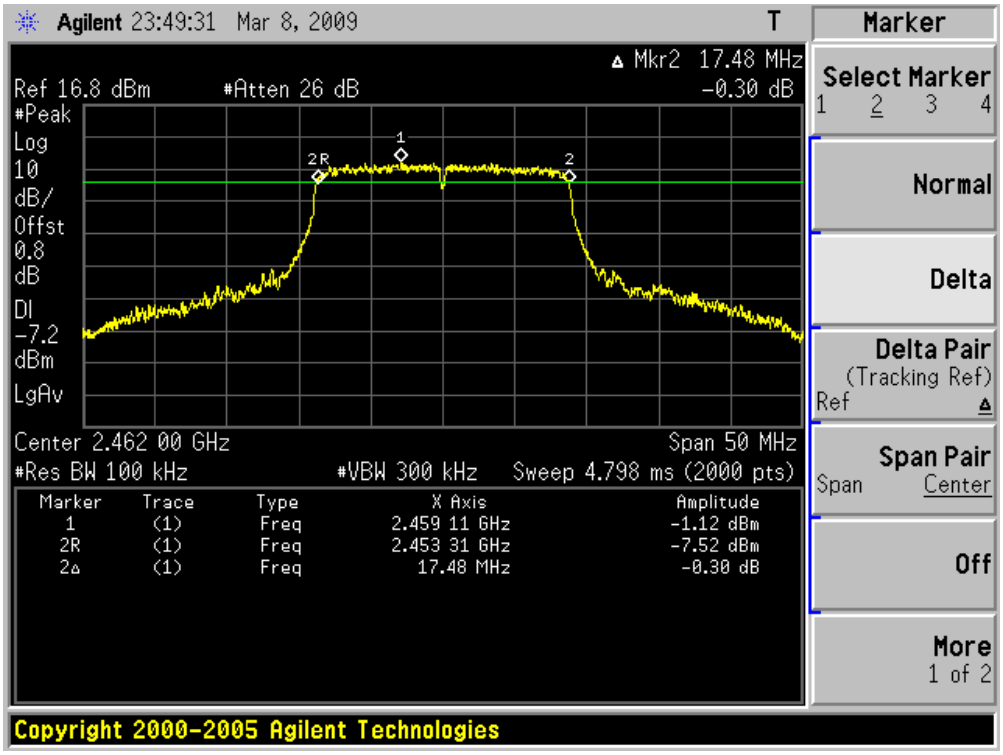
Channel 01 (2412MHz)



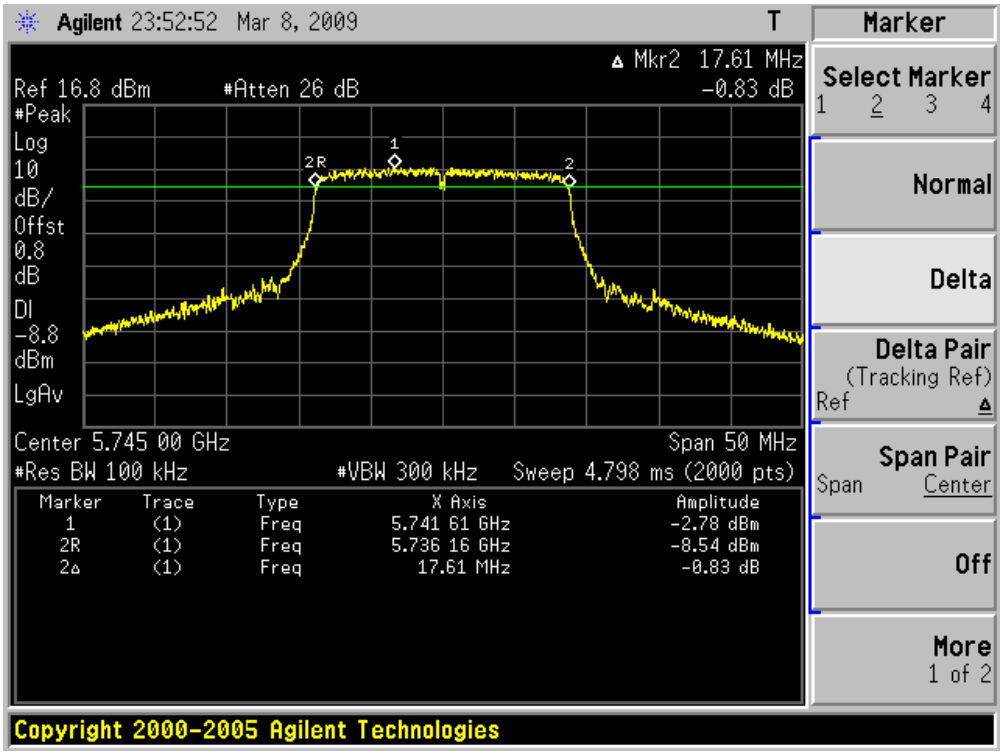
Channel 06 (2437MHz)



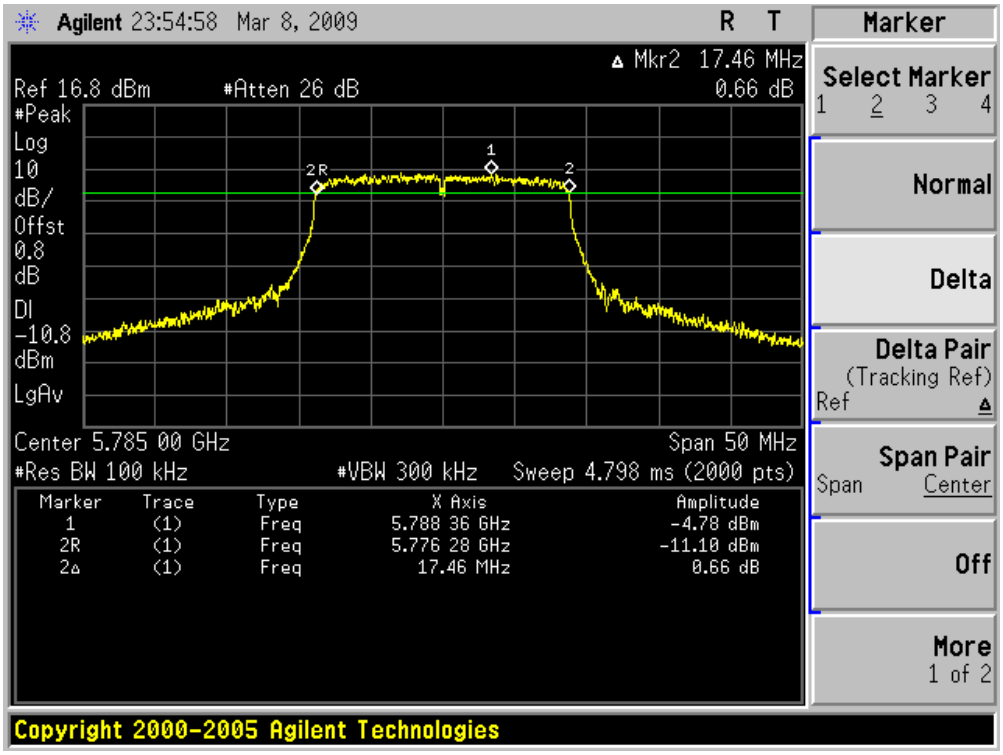
Channel 11 (2462MHz)



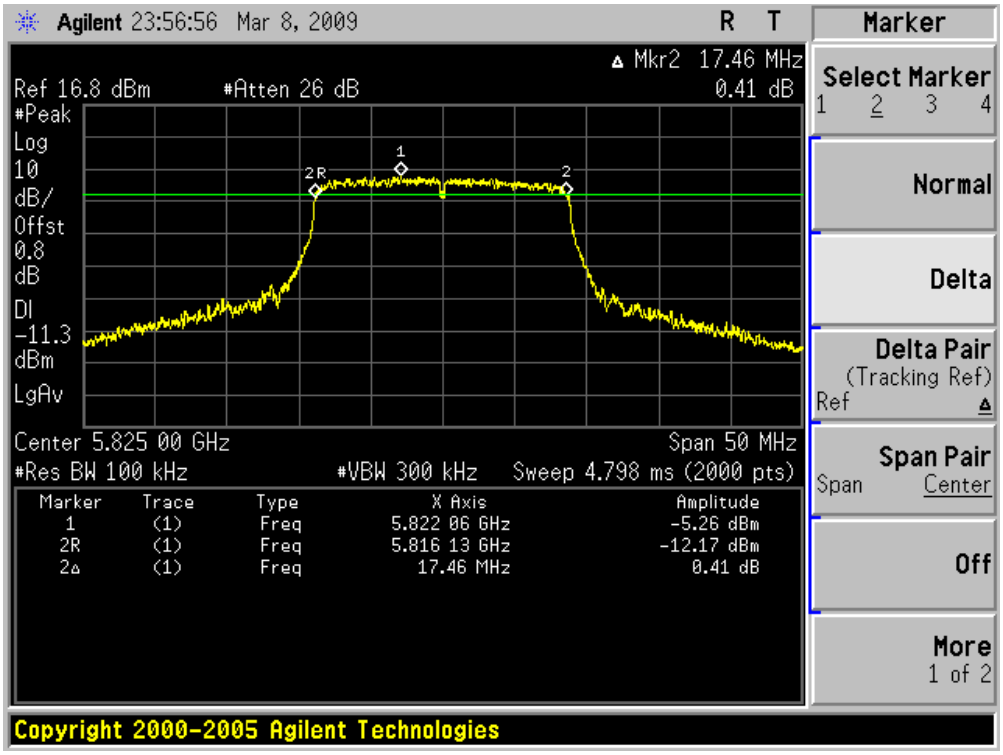
Channel 149 (5745MHz)



Channel 157 (5785MHz)



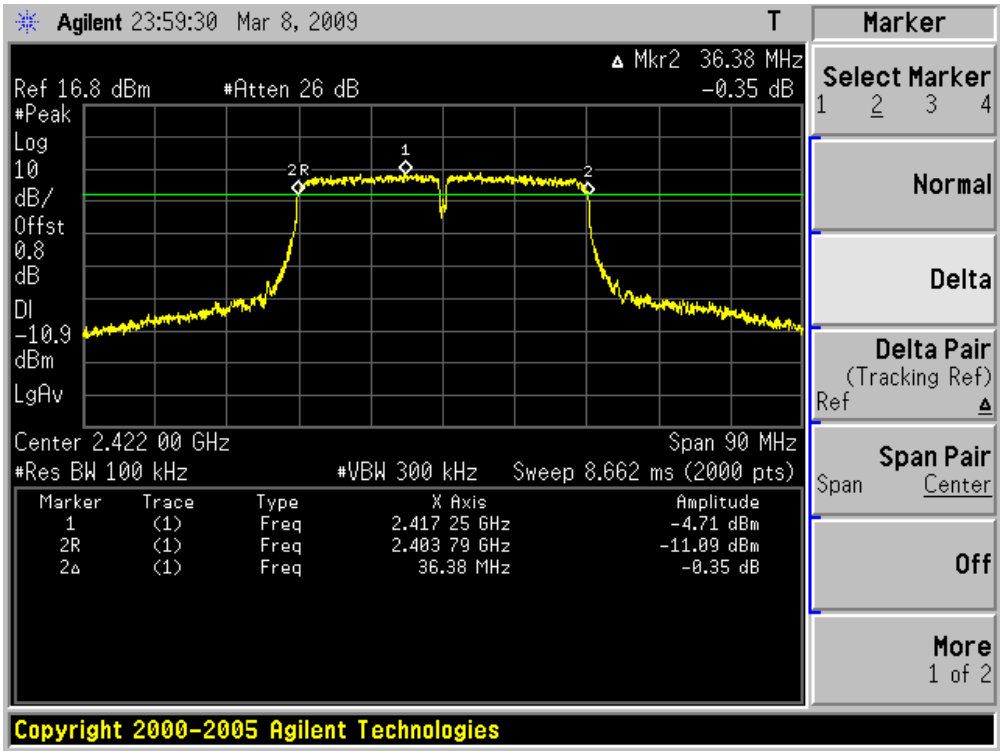
Channel 165 (5825MHz)



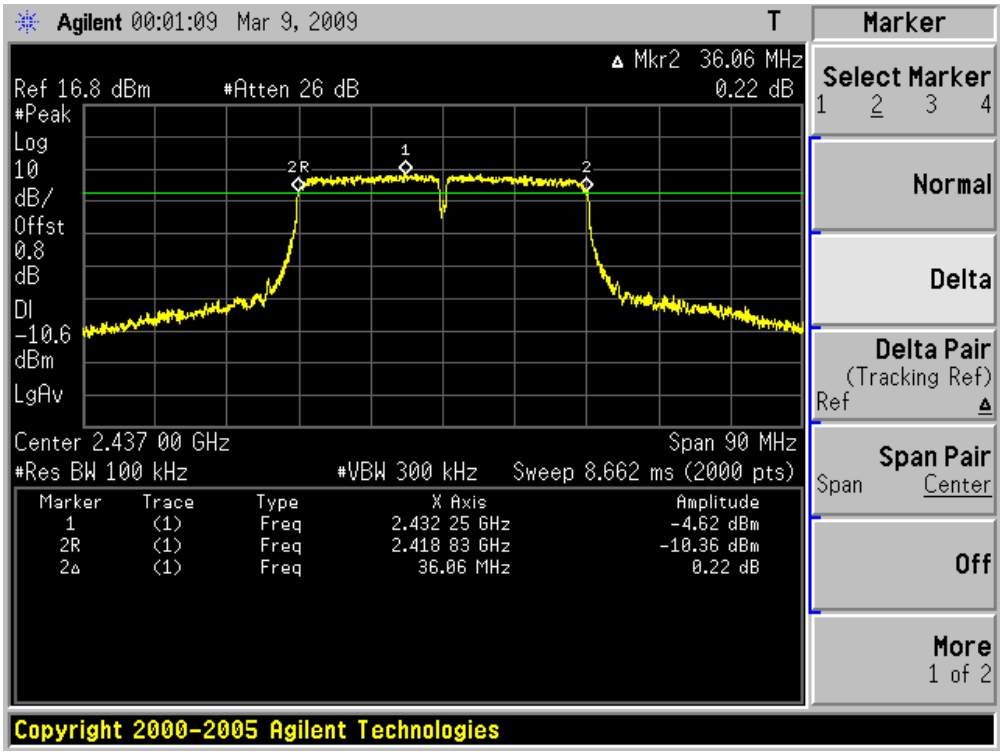
Product	:	Flip Share TV(USB Dongle)
Test Item	:	6dB Occupied Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 5: Transmit by 802.11n (40MHz) (Chain 0)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
03	2422	36380	500	Pass
06	2437	36060	500	Pass
09	2452	36150	500	Pass
151	5755	36110	500	Pass
159	5795	36110	500	Pass

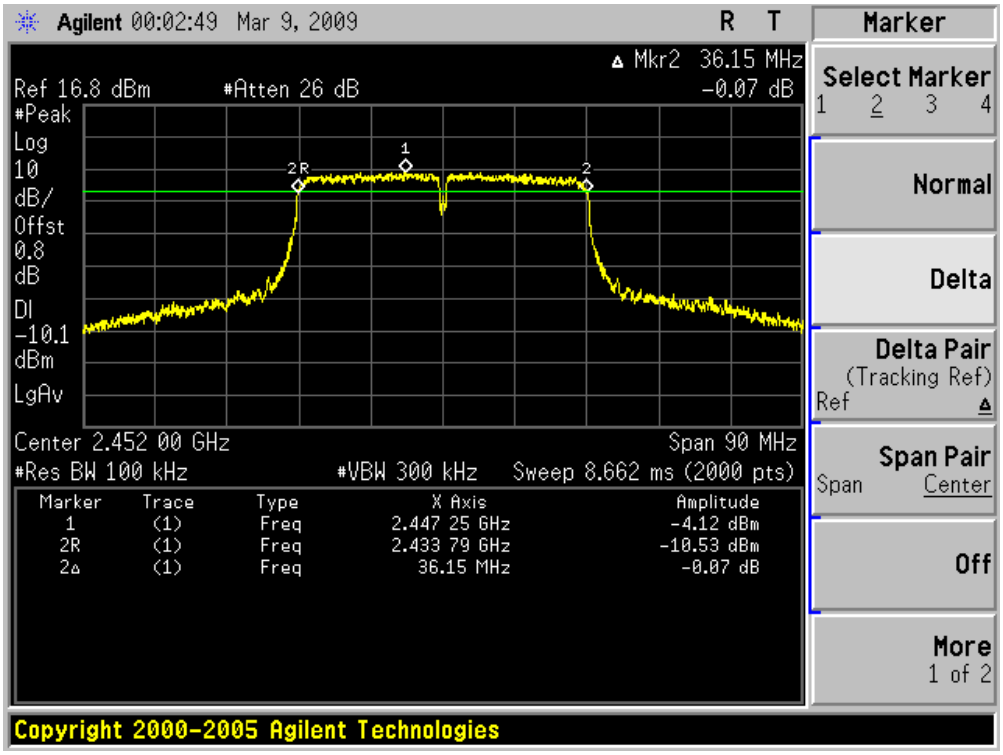
Channel 03 (2422MHz)



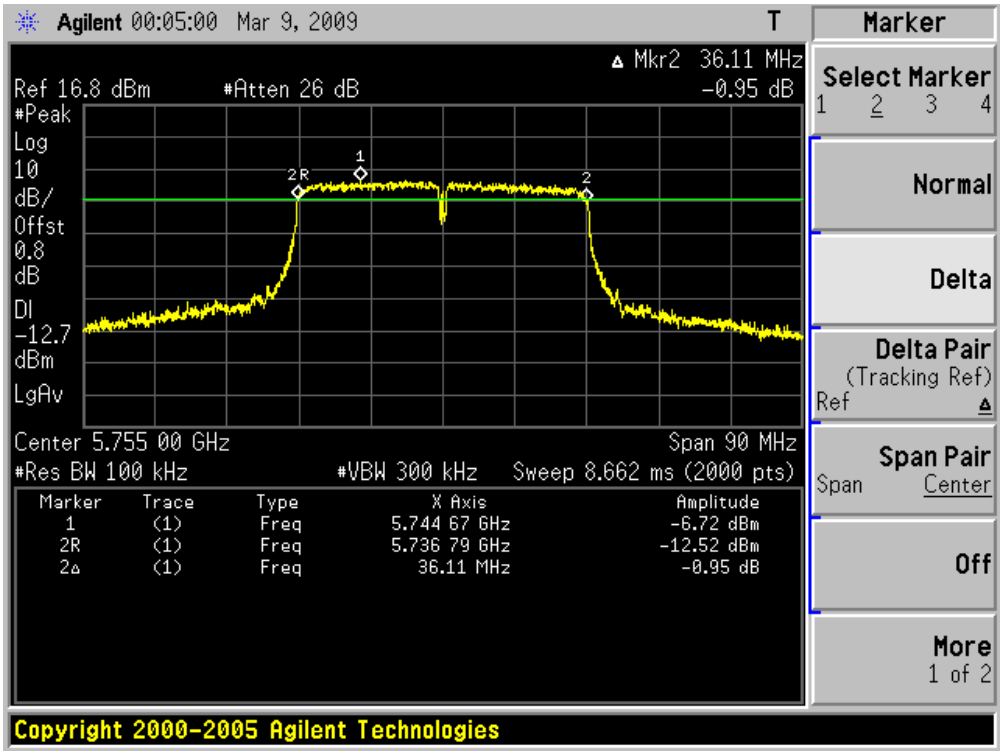
Channel 06 (2437MHz)



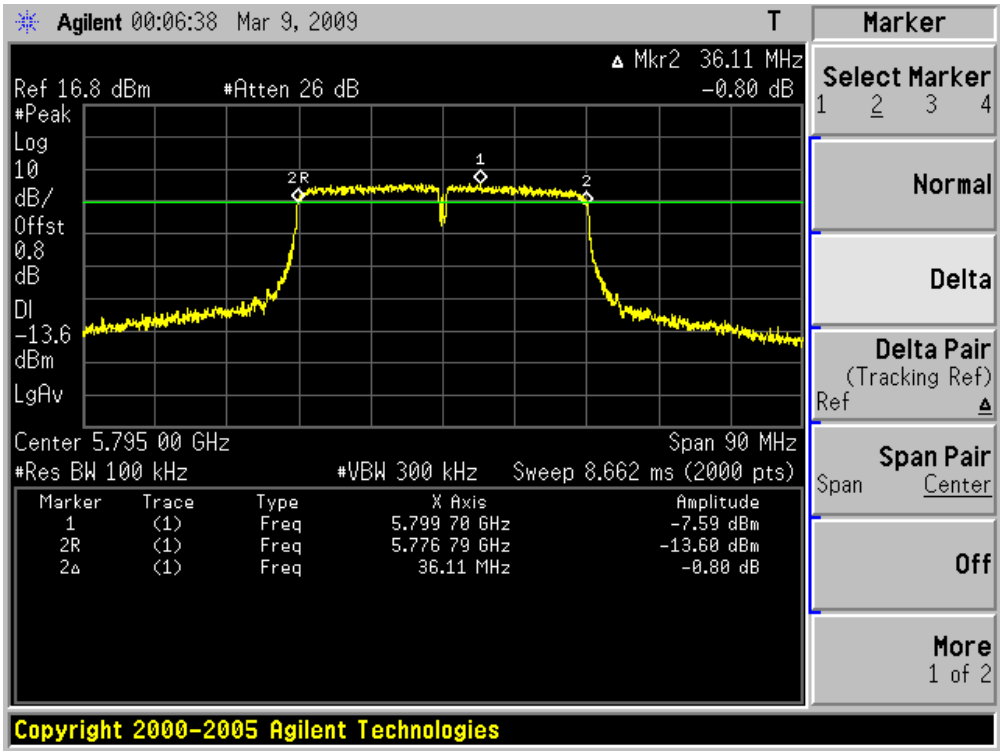
Channel 09 (2452MHz)



Channel 151 (5755MHz)



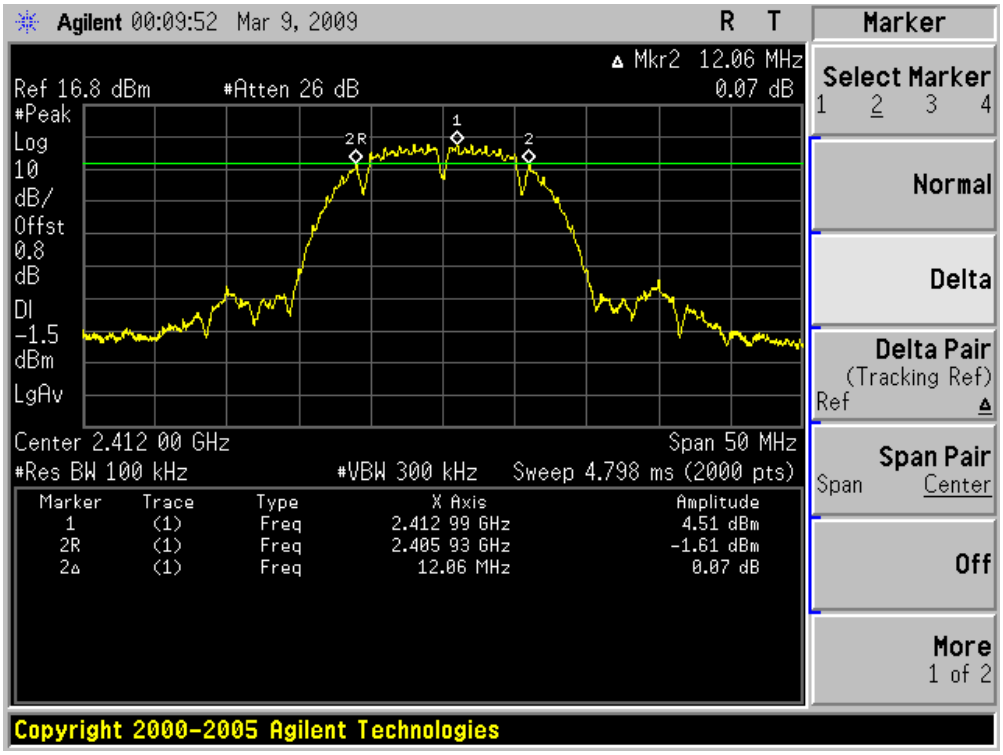
Channel 159 (5795MHz)



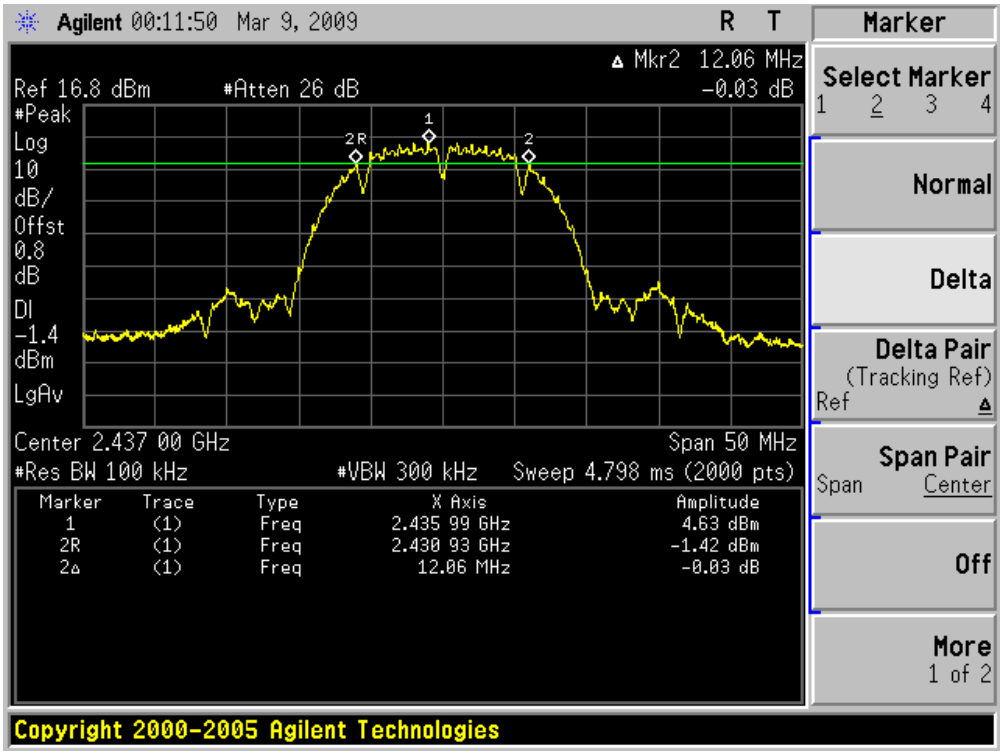
Product	:	Flip Share TV(USB Dongle)
Test Item	:	6dB Occupied Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 1: Transmit by 802.11b (Chain 1)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
01	2412	12060	500	Pass
06	2437	12060	500	Pass
11	2462	12060	500	Pass

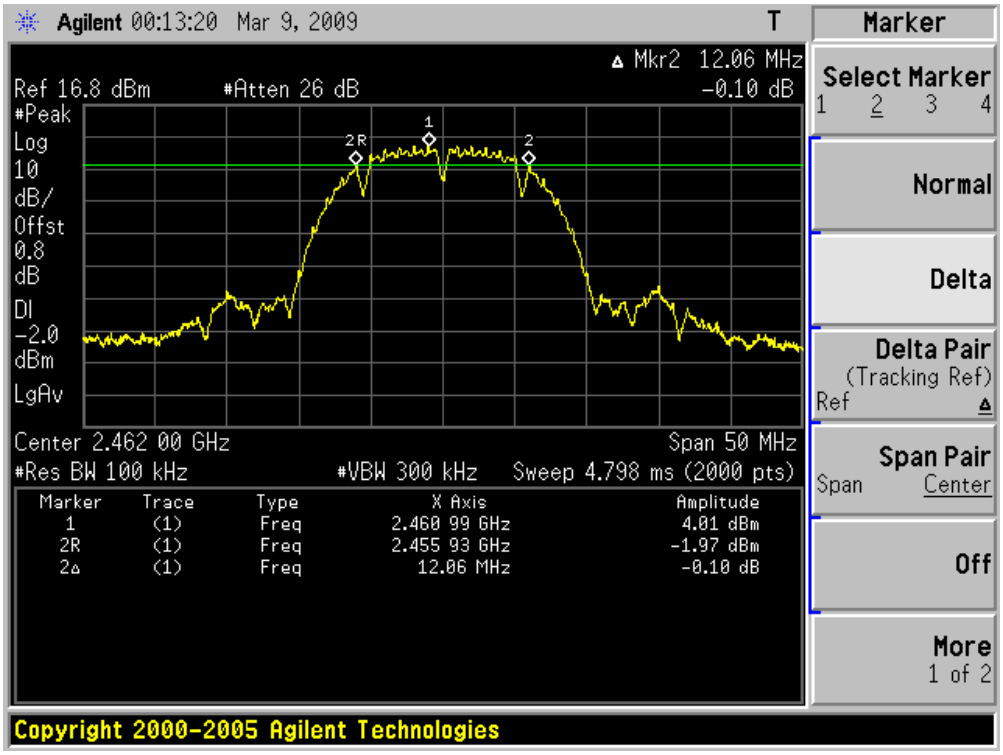
Channel 01 (2412MHz)



Channel 06 (2437MHz)



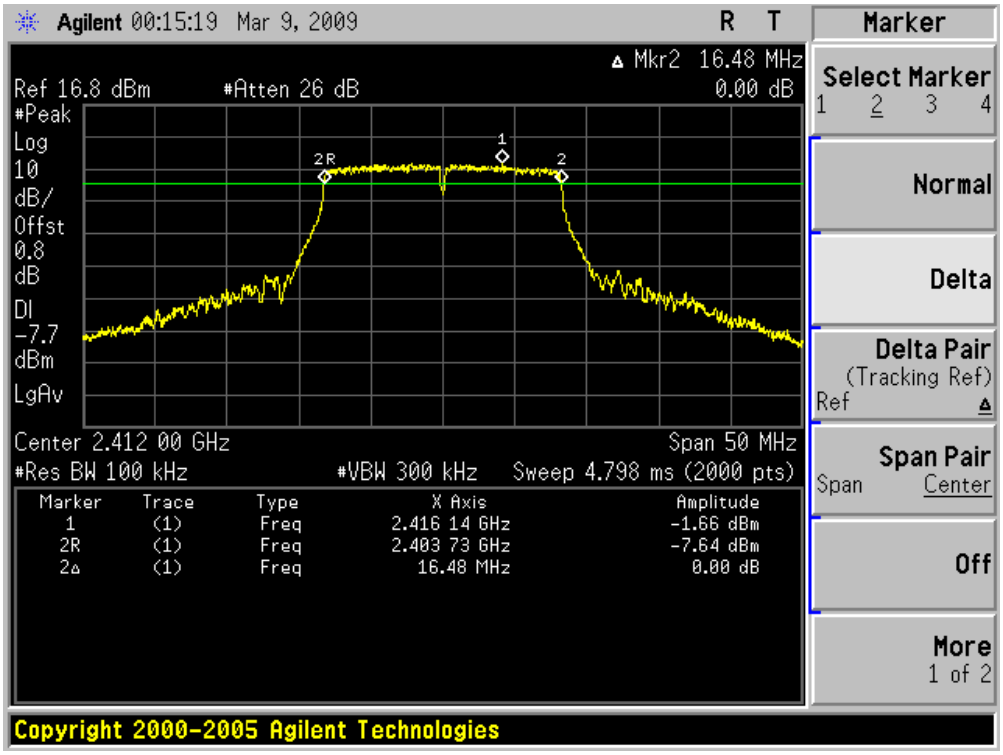
Channel 11 (2462MHz)



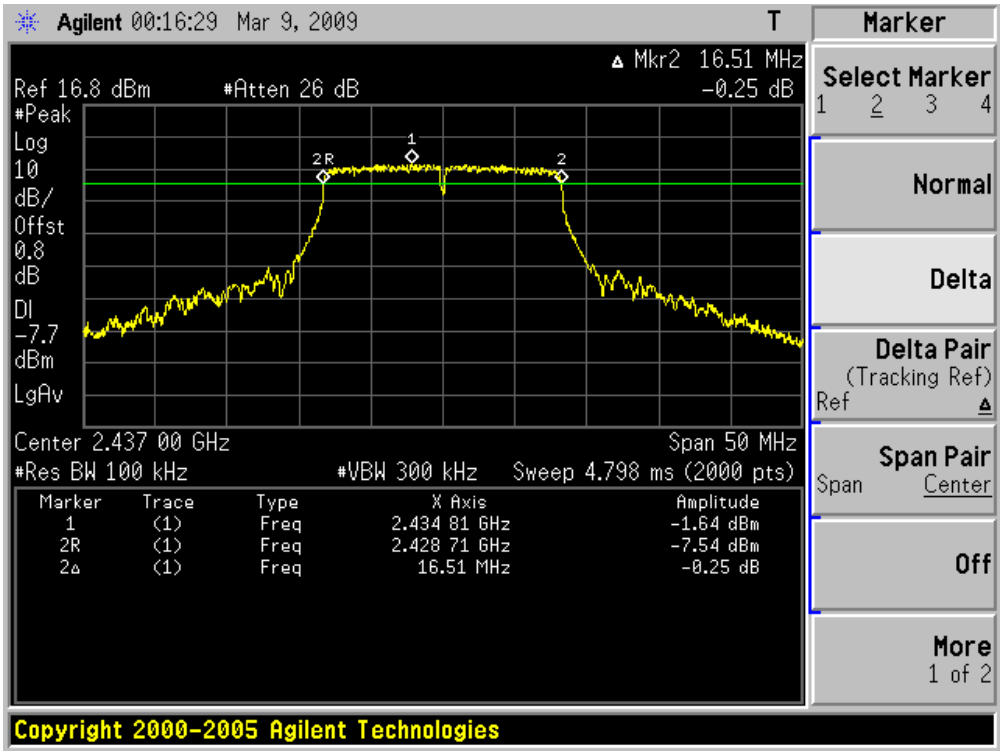
Product	:	Flip Share TV(USB Dongle)
Test Item	:	6dB Occupied Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 2: Transmit by 802.11g (Chain 1)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
01	2412	16480	500	Pass
06	2437	16510	500	Pass
11	2462	16460	500	Pass

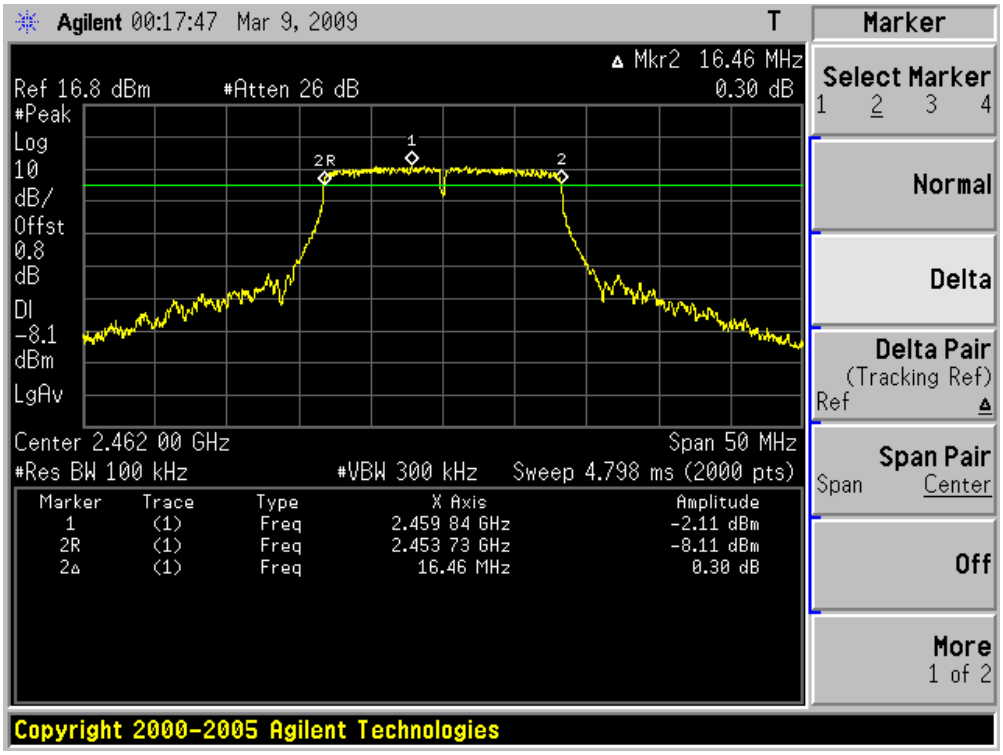
Channel 01 (2412MHz)



Channel 06 (2437MHz)



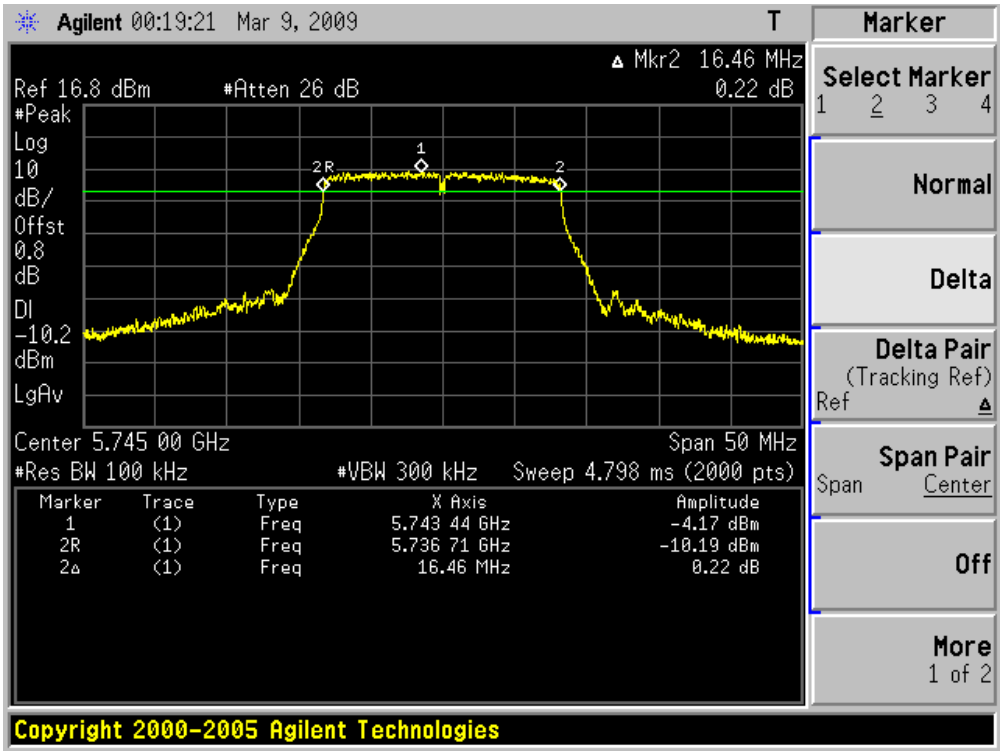
Channel 11 (2462MHz)



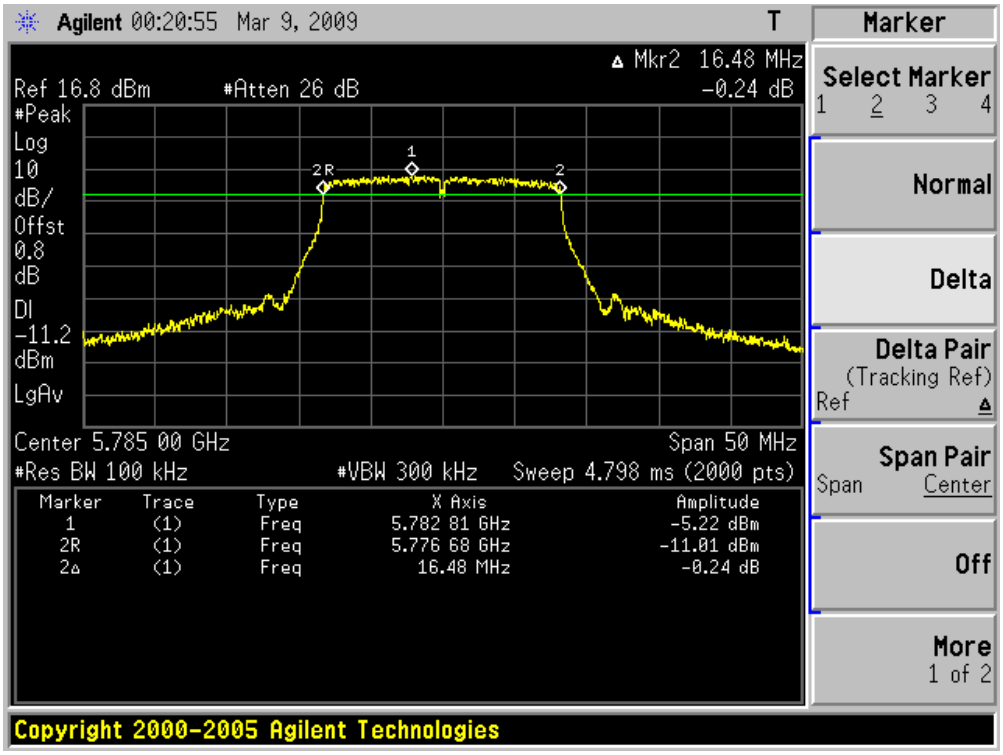
Product	:	Flip Share TV(USB Dongle)
Test Item	:	6dB Occupied Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 3: Transmit by 802.11a (Chain 1)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
149	5745	16460	500	Pass
157	5785	16480	500	Pass
165	5825	16510	500	Pass

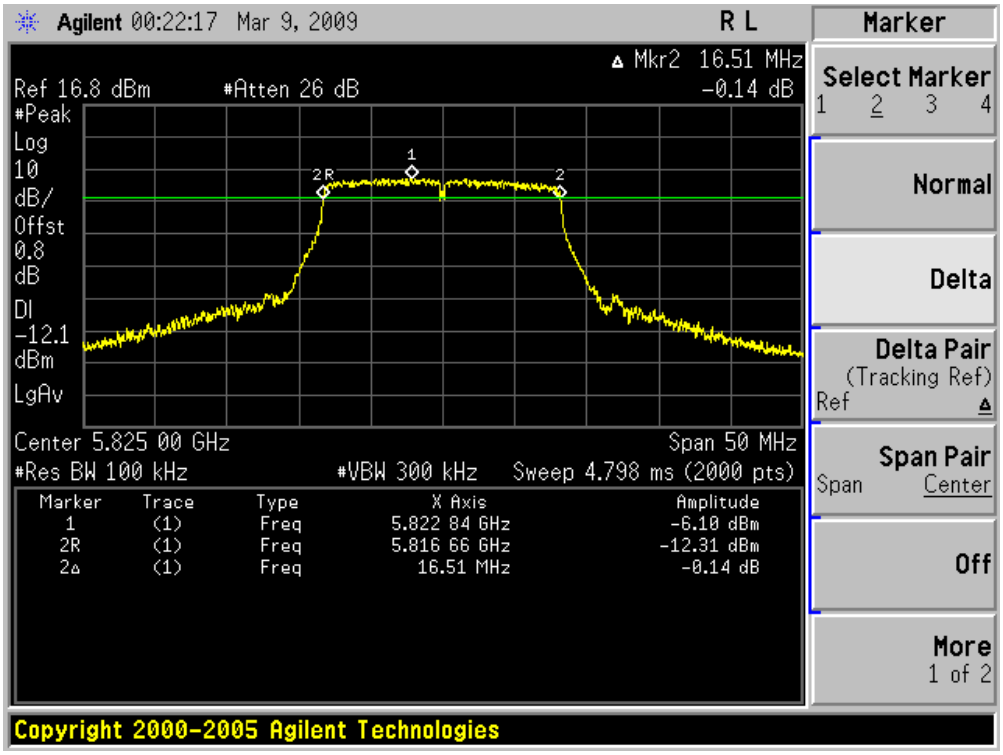
Channel 149 (5745MHz)



Channel 157 (5785MHz)



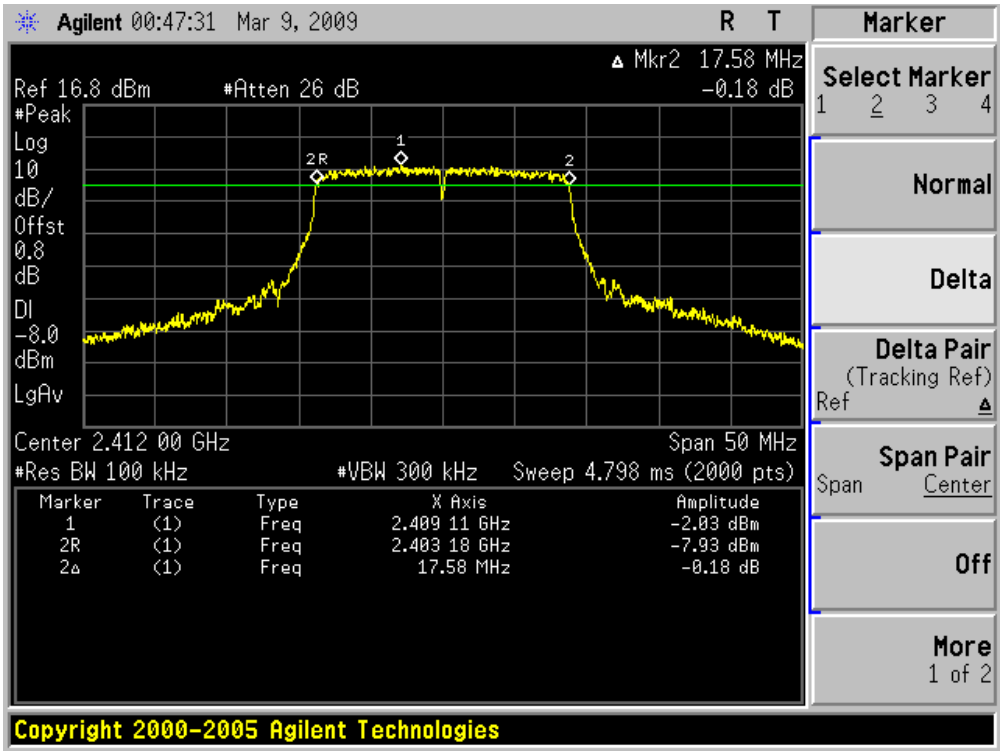
Channel 165 (5825MHz)



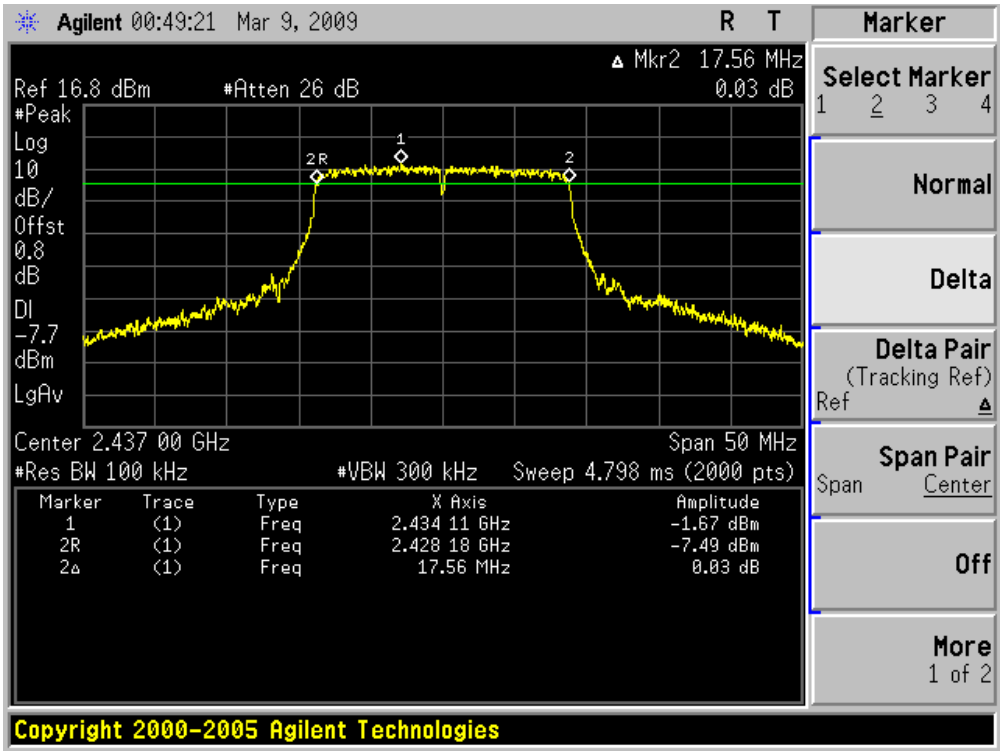
Product	:	Flip Share TV(USB Dongle)
Test Item	:	6dB Occupied Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 4: Transmit by 802.11n (20MHz) (Chain 1)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
01	2412	17580	500	Pass
06	2437	17560	500	Pass
11	2462	17580	500	Pass
149	5745	17580	500	Pass
157	5785	17610	500	Pass
165	5825	17610	500	Pass

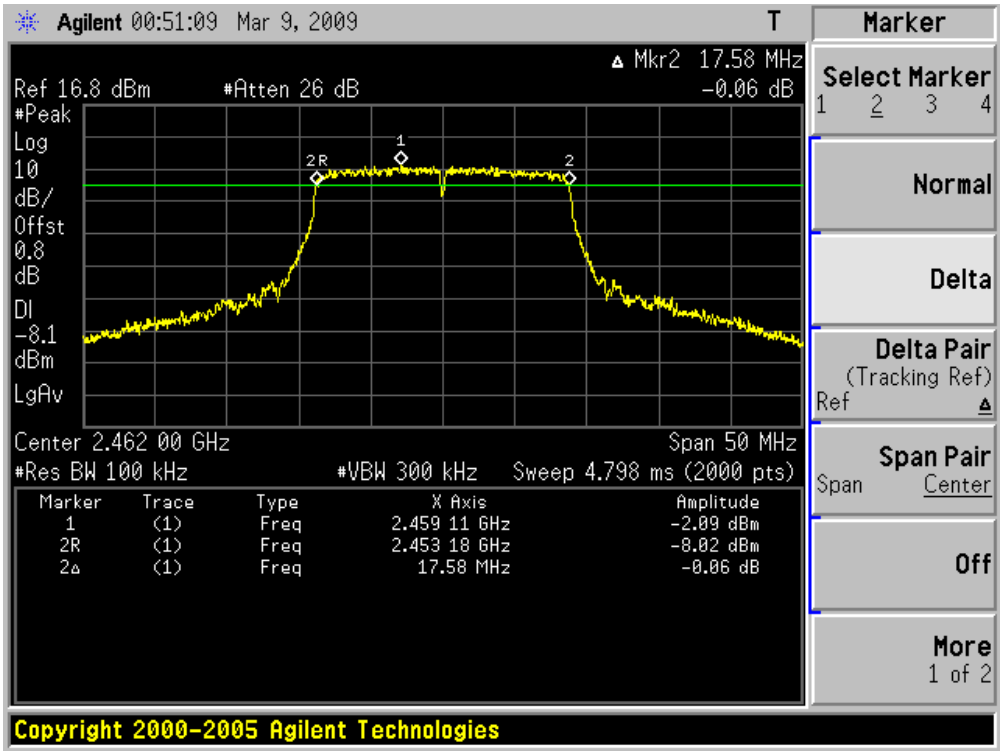
Channel 01 (2412MHz)



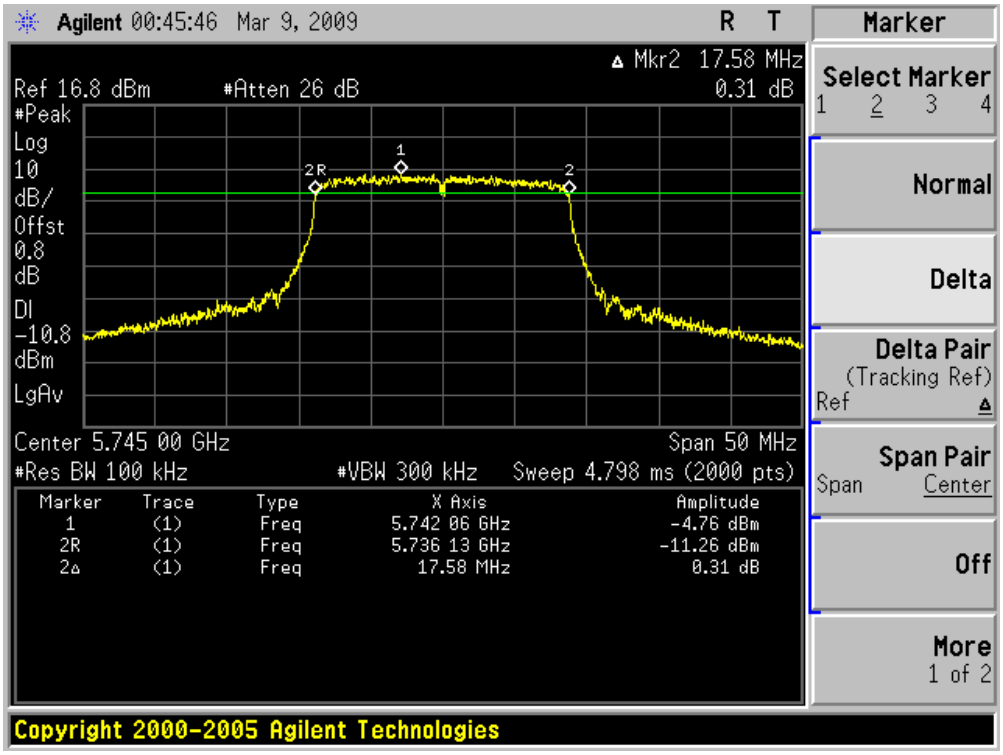
Channel 06 (2437MHz)



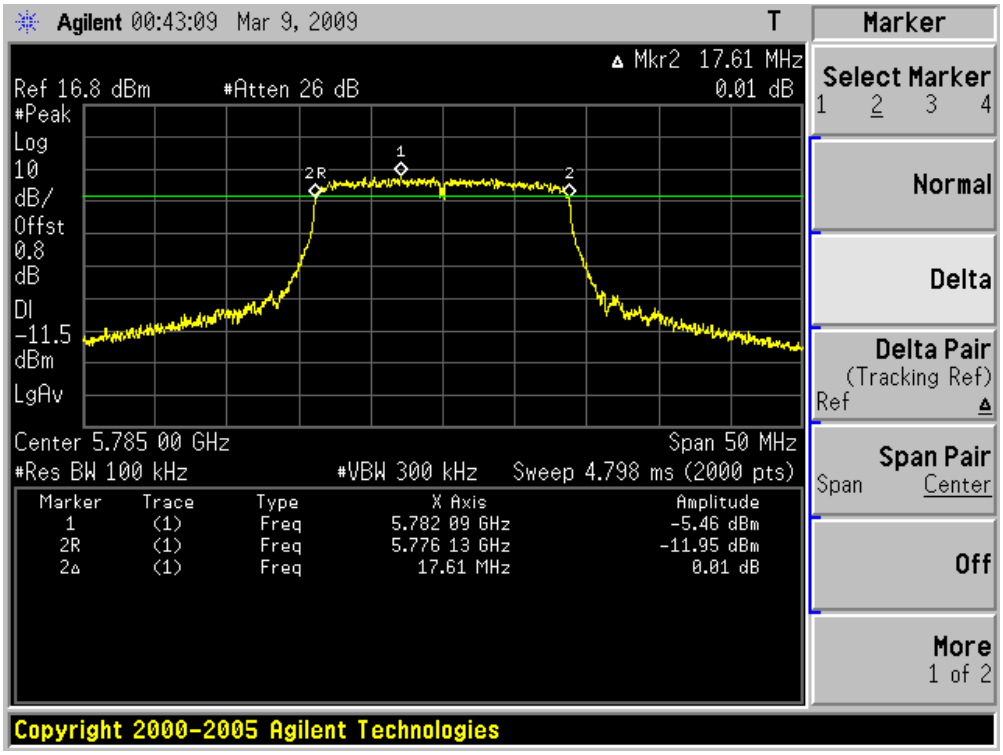
Channel 11 (2462MHz)



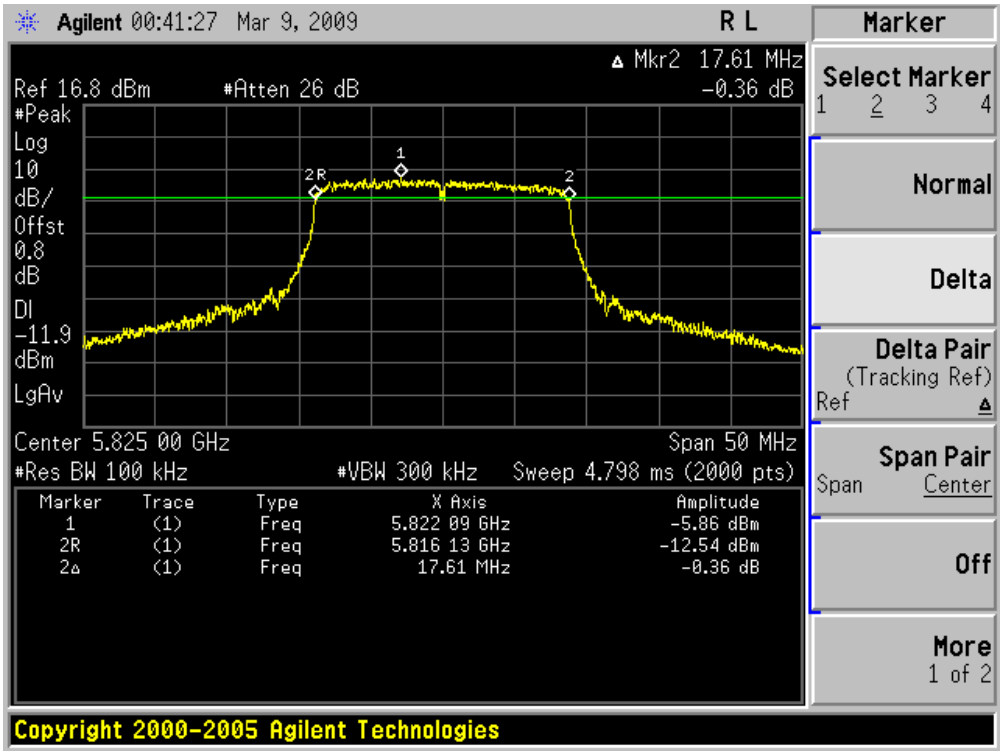
Channel 149 (5745MHz)



Channel 157 (5785MHz)



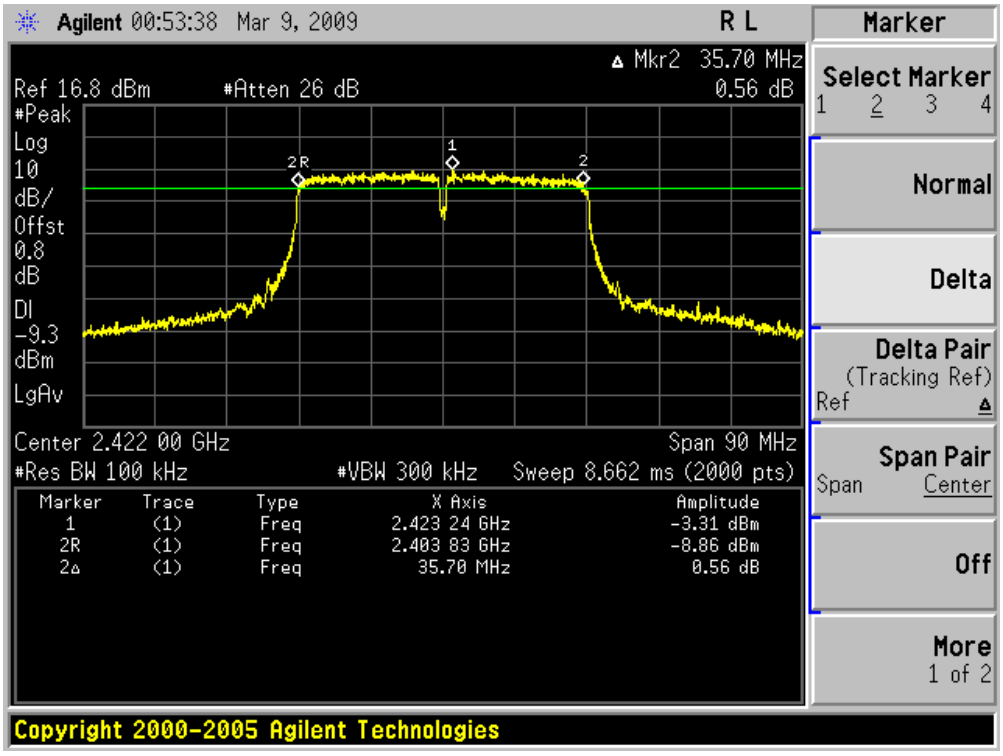
Channel 165 (5825MHz)



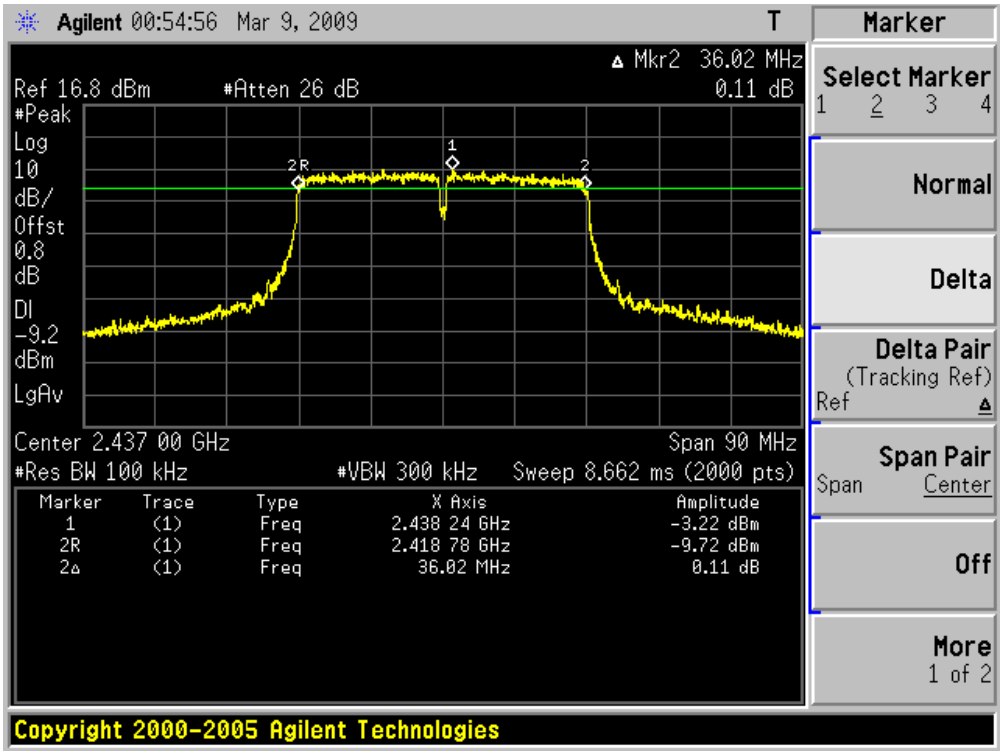
Product	:	Flip Share TV(USB Dongle)
Test Item	:	6dB Occupied Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 5: Transmit by 802.11n (40MHz) (Chain 1)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
03	2422	35700	500	Pass
06	2437	36020	500	Pass
09	2452	36060	500	Pass
151	5755	35970	500	Pass
159	5795	35750	500	Pass

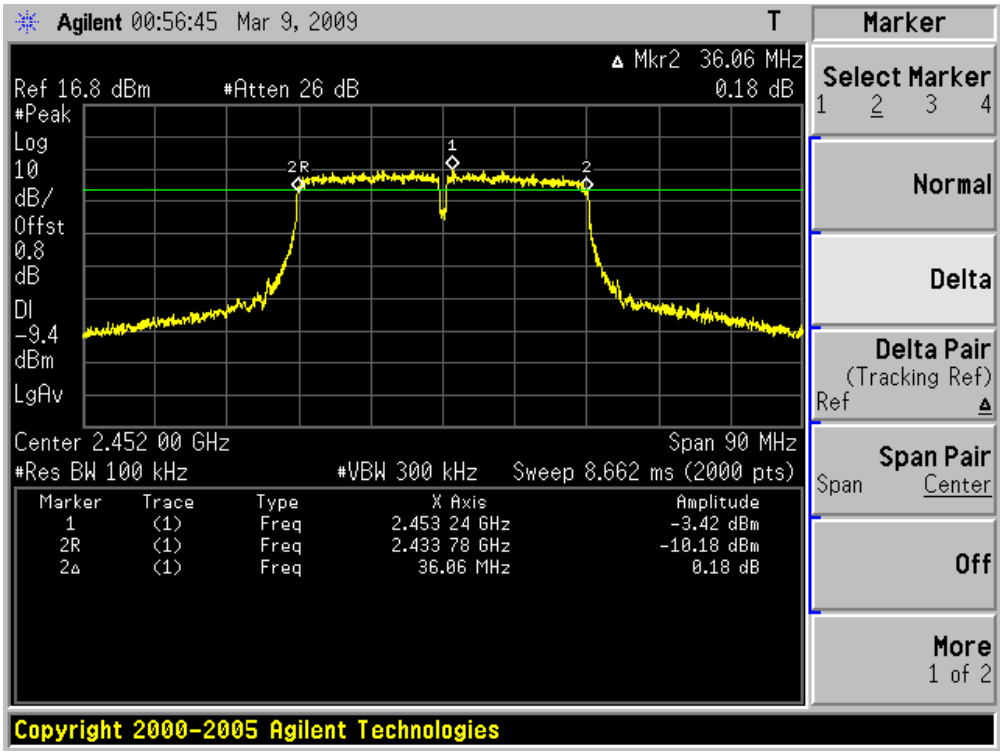
Channel 03 (2422MHz)



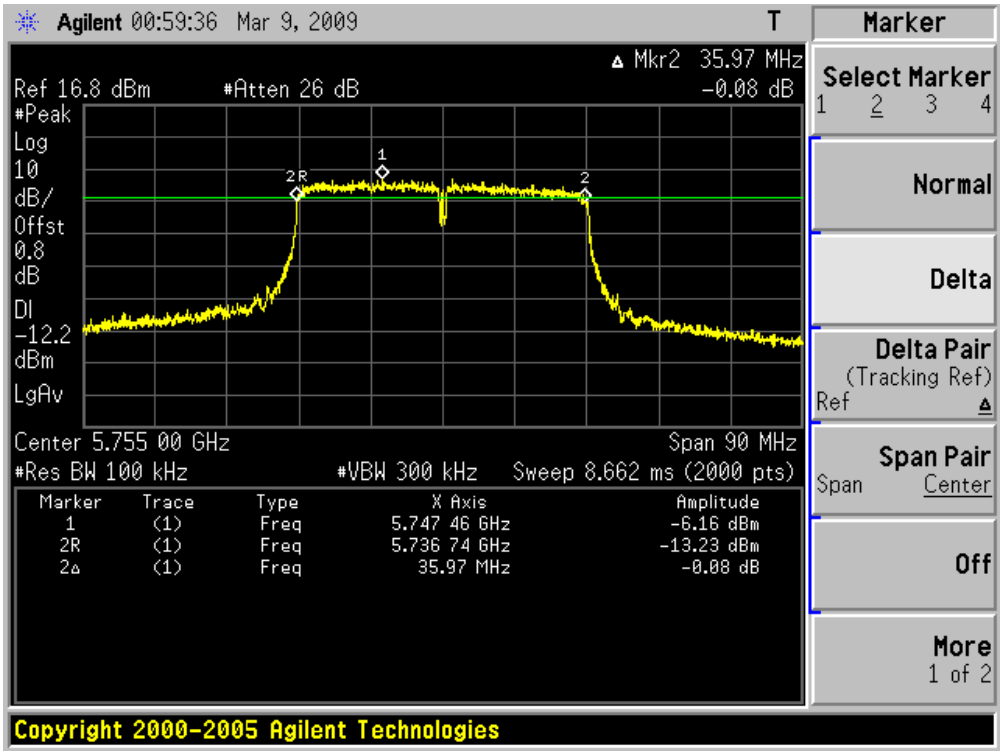
Channel 06 (2437MHz)



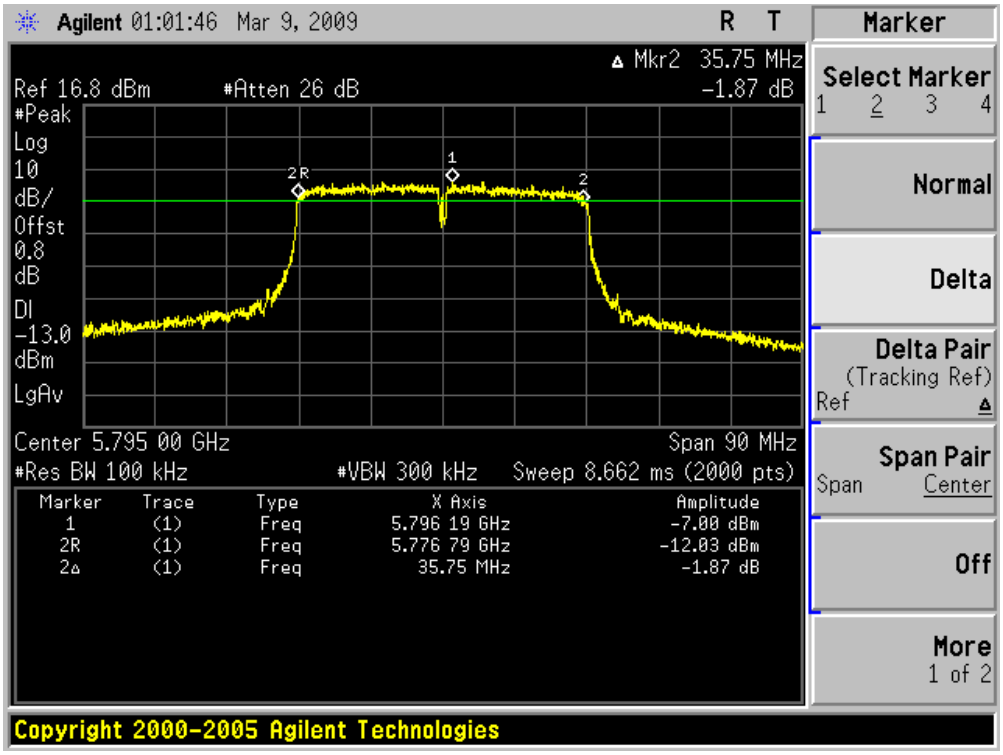
Channel 09 (2452MHz)



Channel 151 (5755MHz)



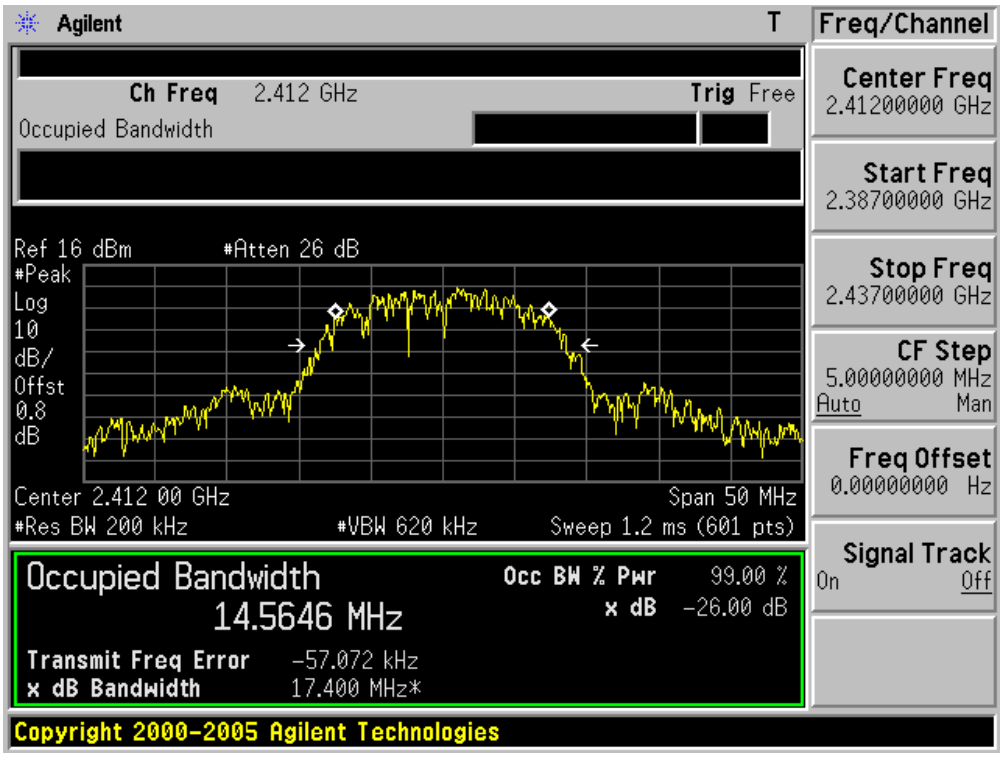
Channel 159 (5795MHz)



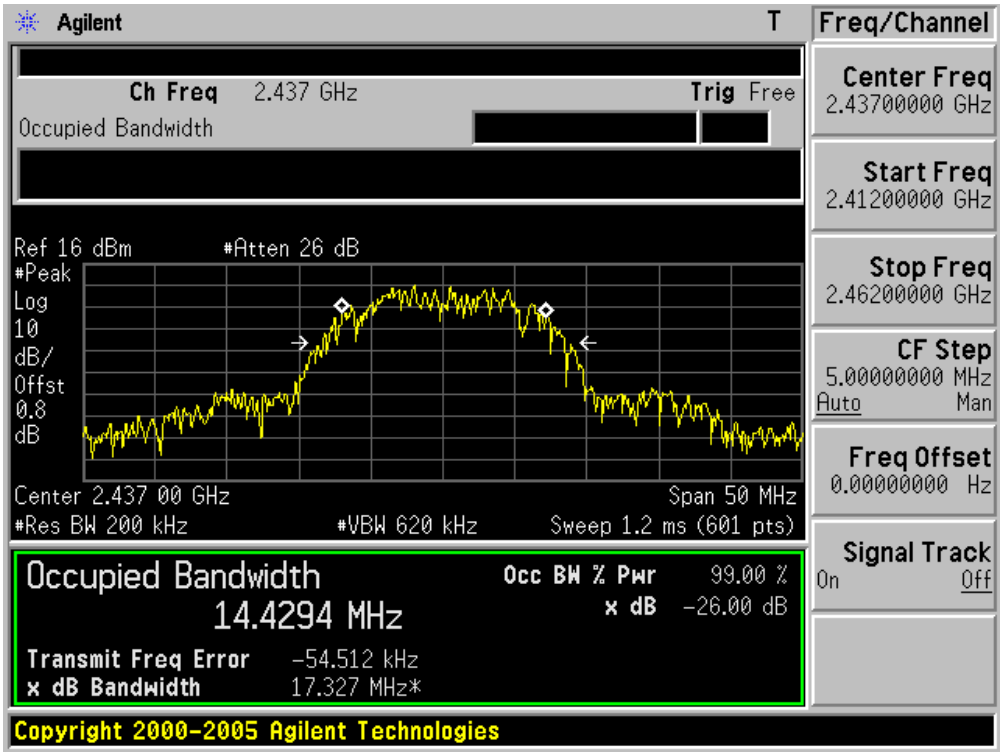
Product	:	Flip Share TV(USB Dongle)
Test Item	:	99% Occupied Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 1: Transmit by 802.11b (Chain 0)

Channel No.	Frequency (MHz)	99% Occupied Bandwidth (kHz)
01	2412	14564.6
06	2437	14429.4
11	2462	14315.0

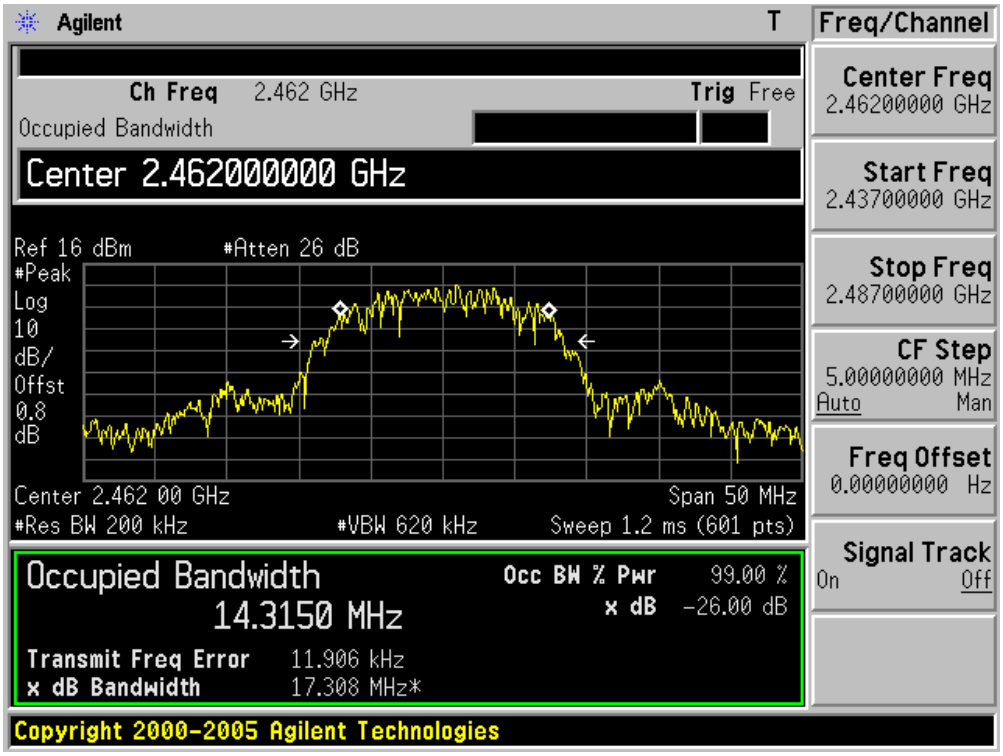
Channel 01 (2412MHz)



Channel 06 (2437MHz)



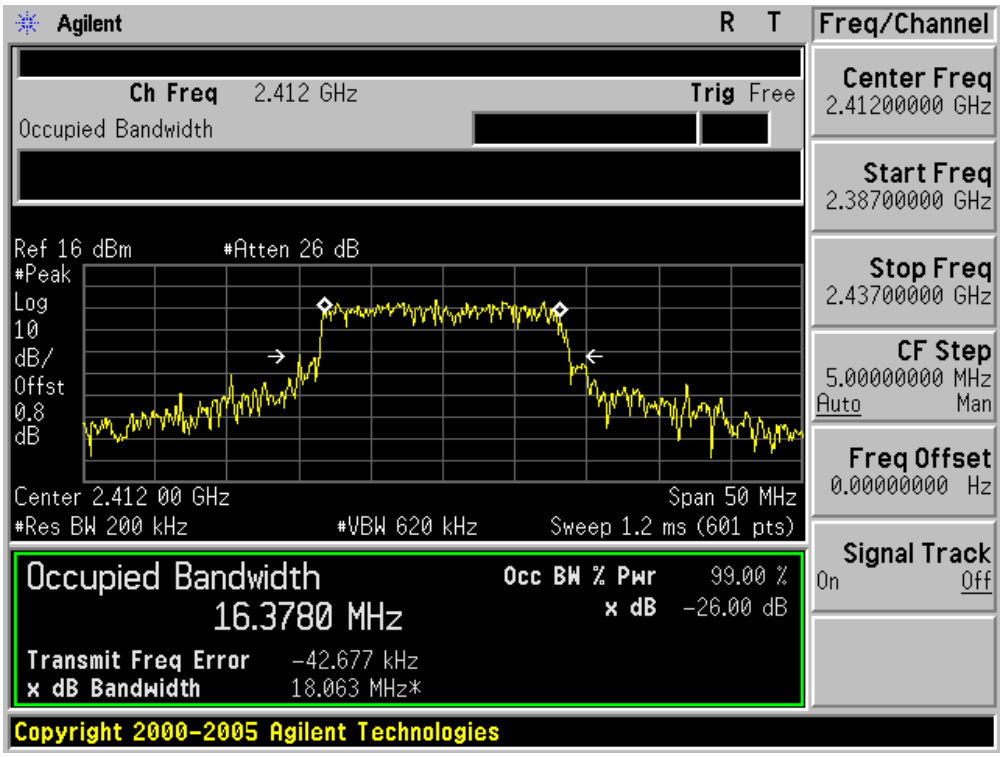
Channel 11 (2462MHz)



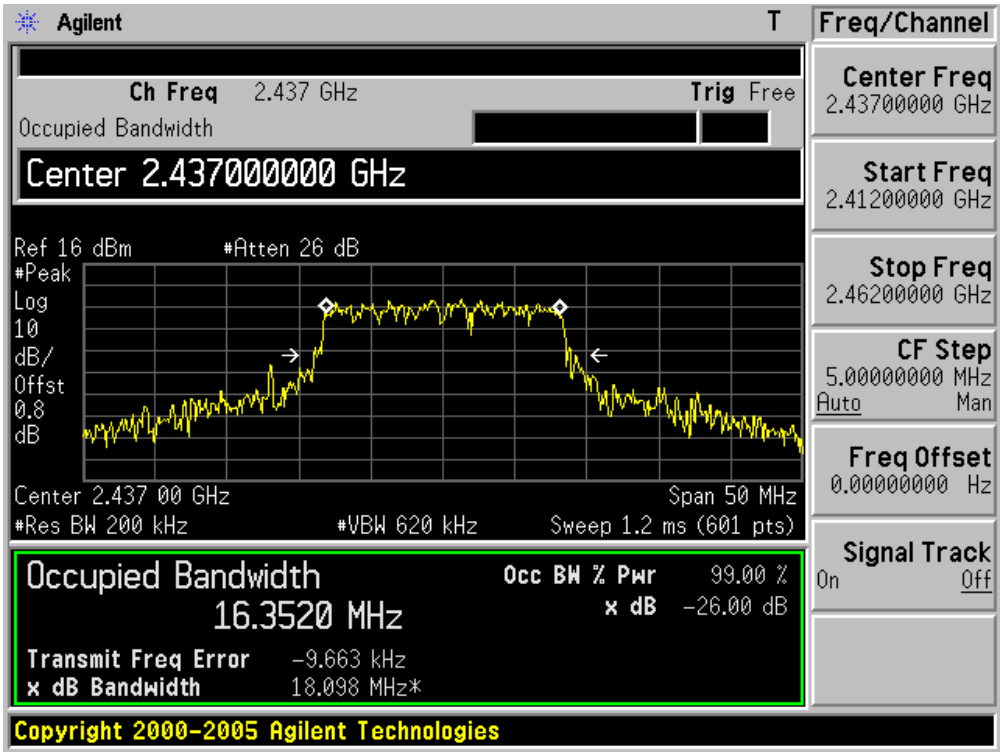
Product	:	Flip Share TV(USB Dongle)
Test Item	:	99% Occupied Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 2: Transmit by 802.11g (Chain 0)

Channel No.	Frequency (MHz)	99% Occupied Bandwidth (kHz)
01	2412	16378.0
06	2437	16352.0
11	2462	16340.4

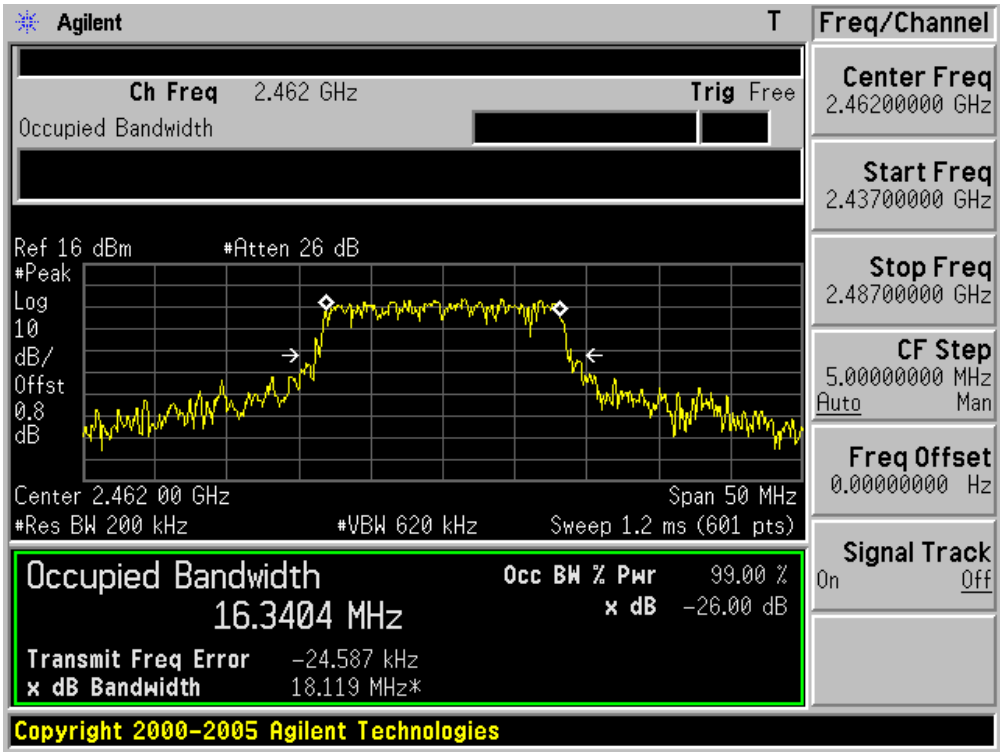
Channel 01 (2412MHz)



Channel 06 (2437MHz)



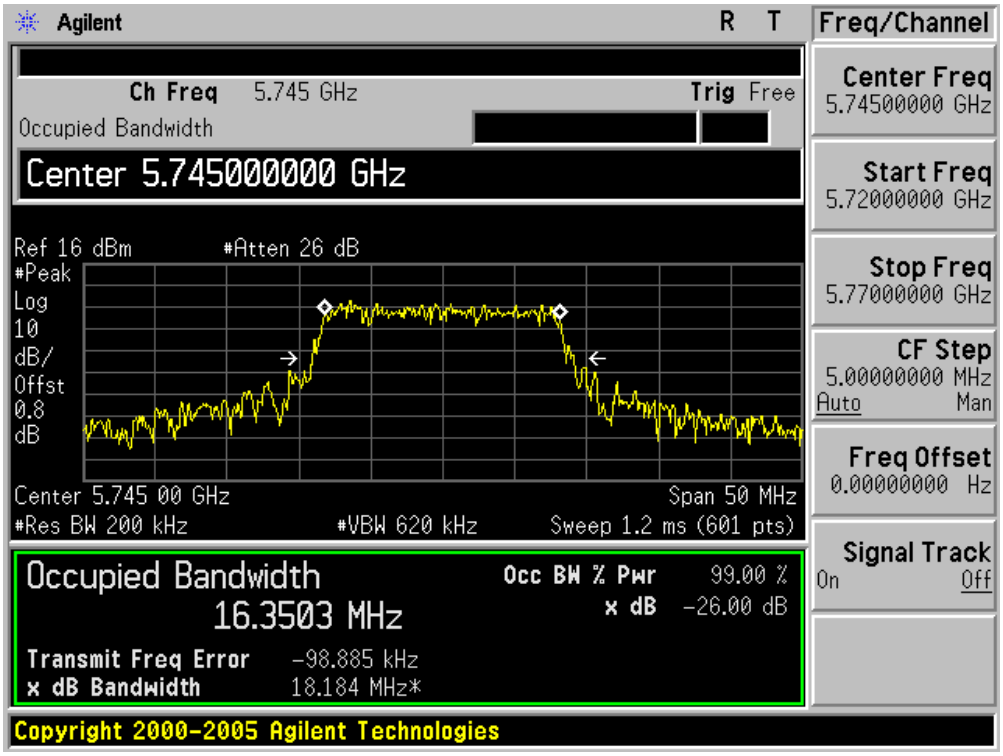
Channel 11 (2462MHz)



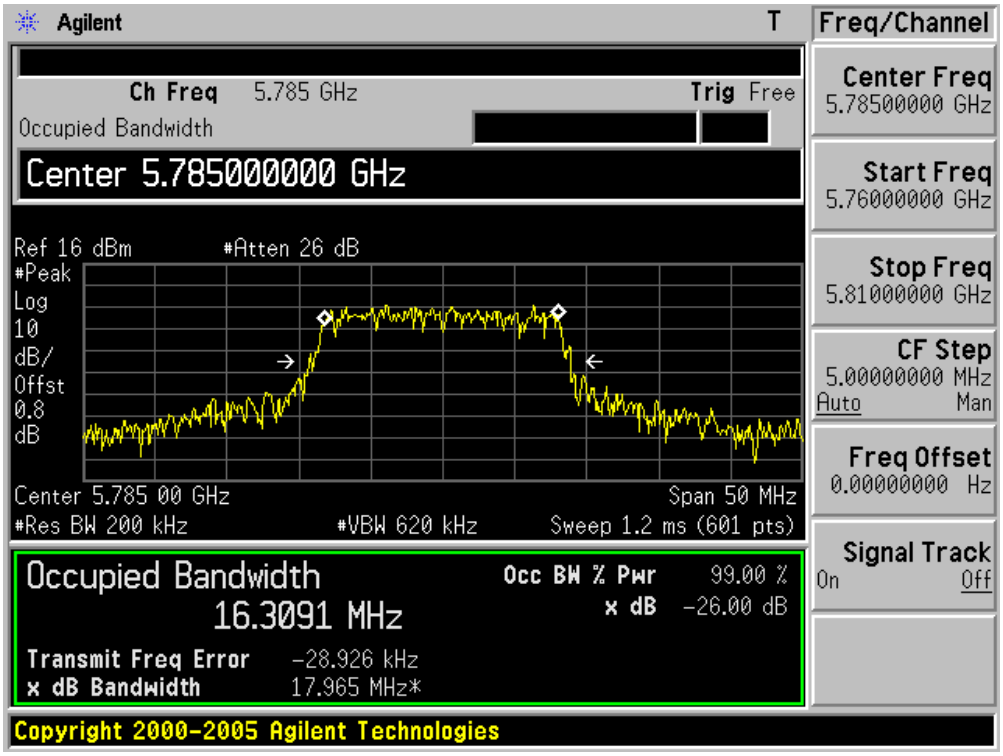
Product	:	Flip Share TV(USB Dongle)
Test Item	:	99% Occupied Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 3: Transmit by 802.11a (Chain 0)

Channel No.	Frequency (MHz)	99% Occupied Bandwidth (kHz)
149	5745	16350.3
157	5785	16309.1
165	5825	16370.8

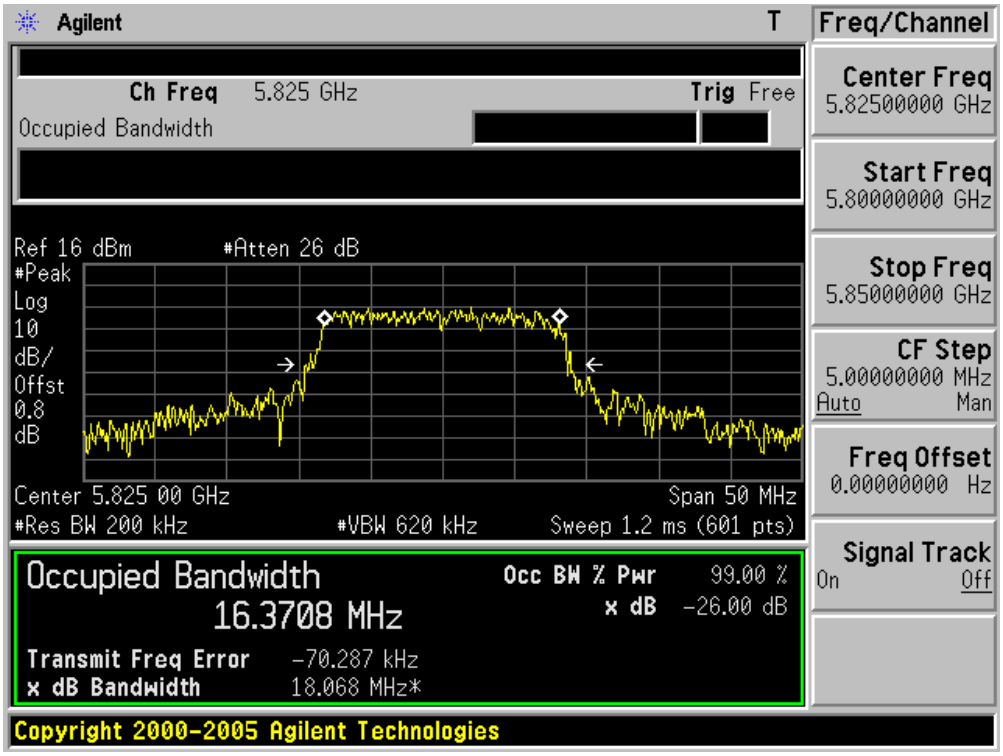
Channel 149 (5745MHz)



Channel 157 (5785MHz)



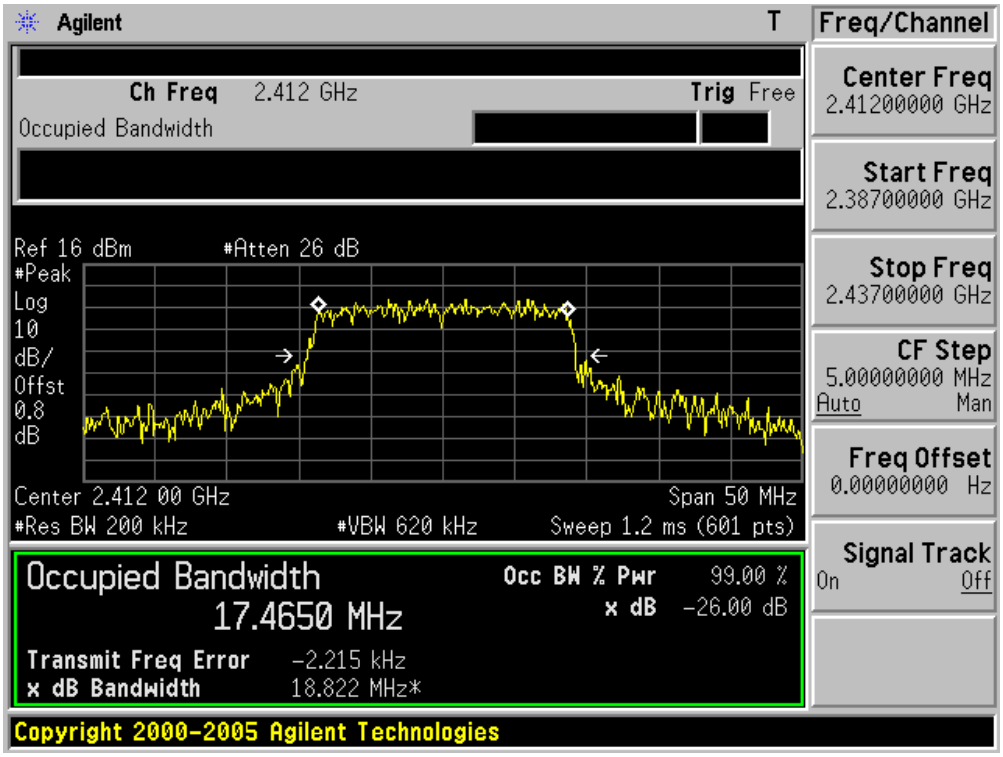
Channel 165 (5825MHz)



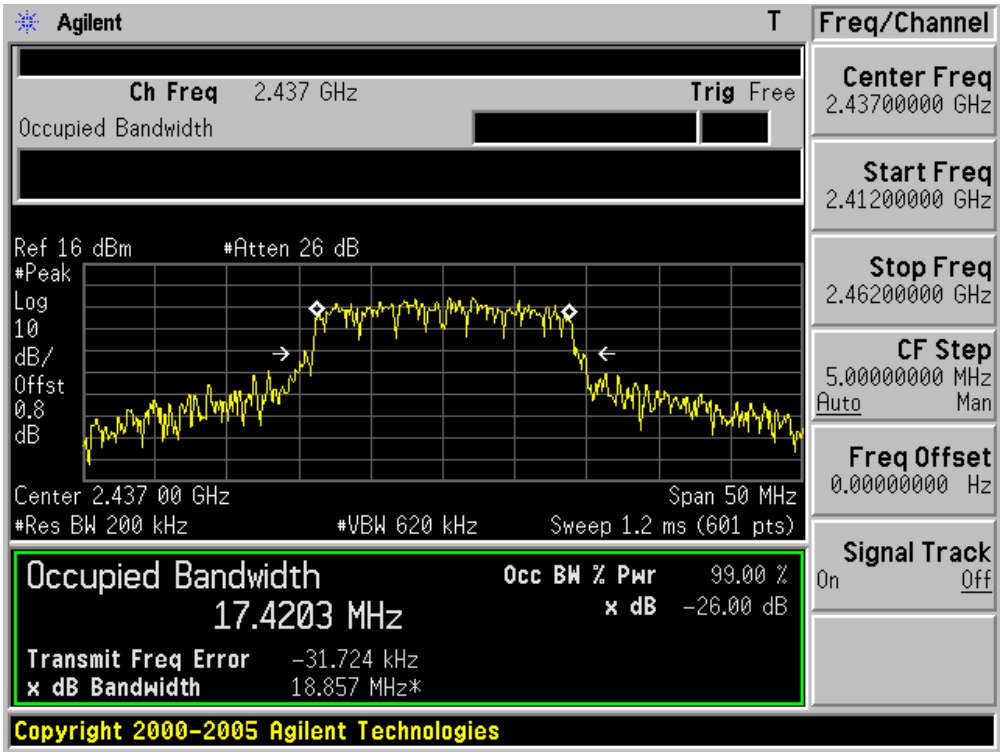
Product	:	Flip Share TV(USB Dongle)
Test Item	:	99% Occupied Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 4: Transmit by 802.11n(20MHz) (Chain 0)

Channel No.	Frequency (MHz)	99% Occupied Bandwidth (kHz)
01	2412	17465.0
06	2437	17420.3
11	2462	17392.6
149	5745	17387.0
157	5785	17439.7
165	5825	17450.9

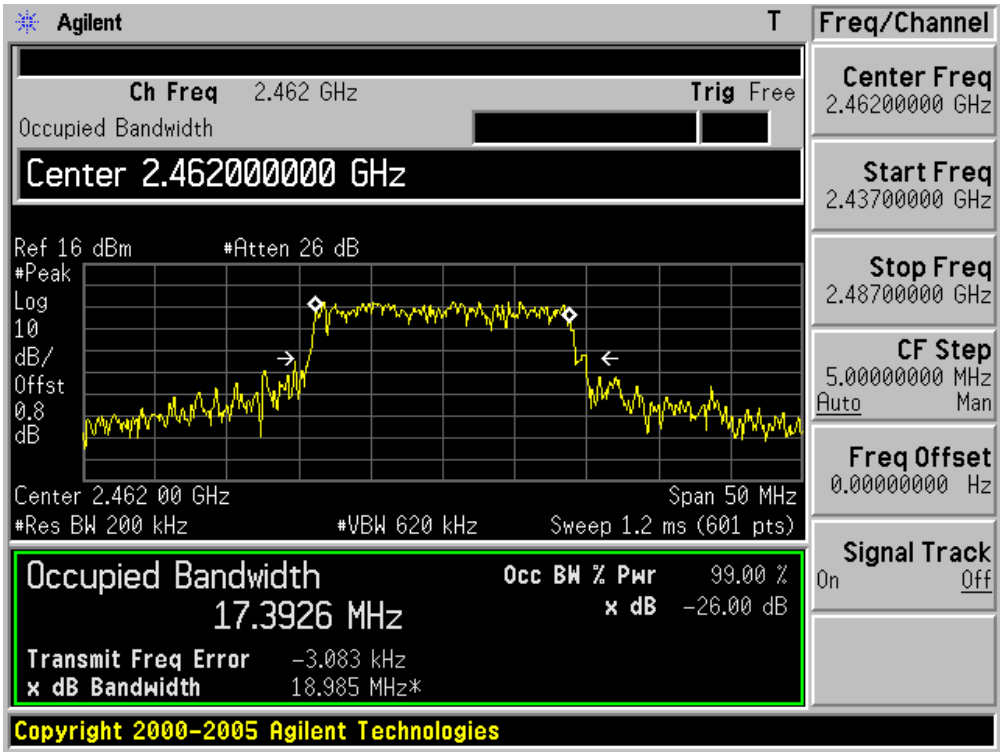
Channel 01 (2412MHz)



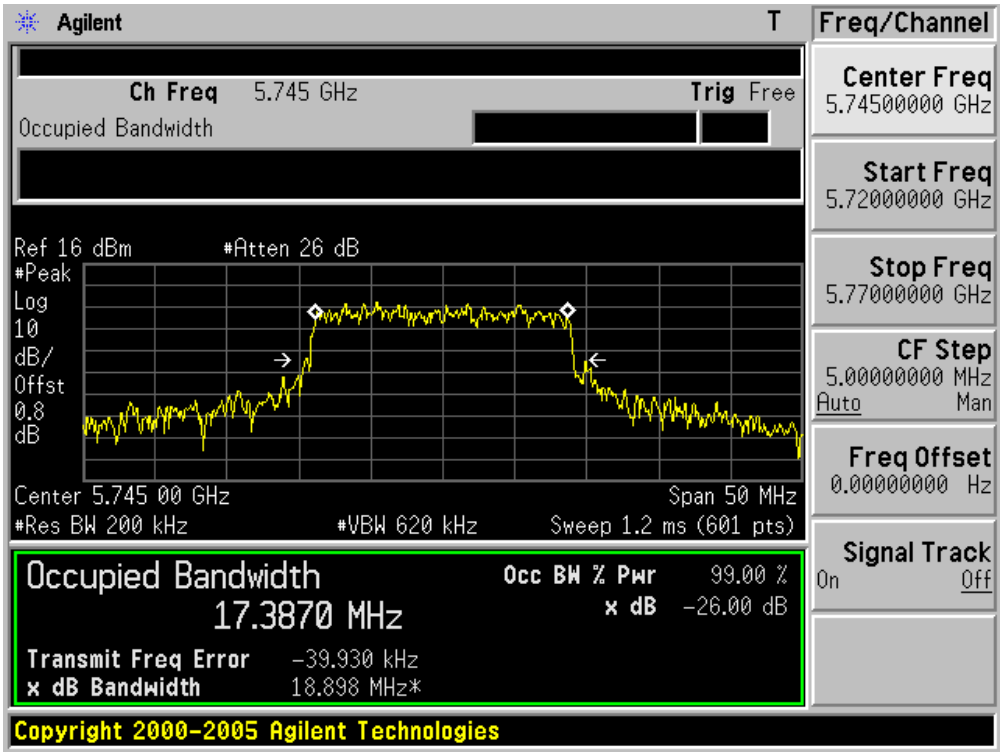
Channel 06 (2437MHz)



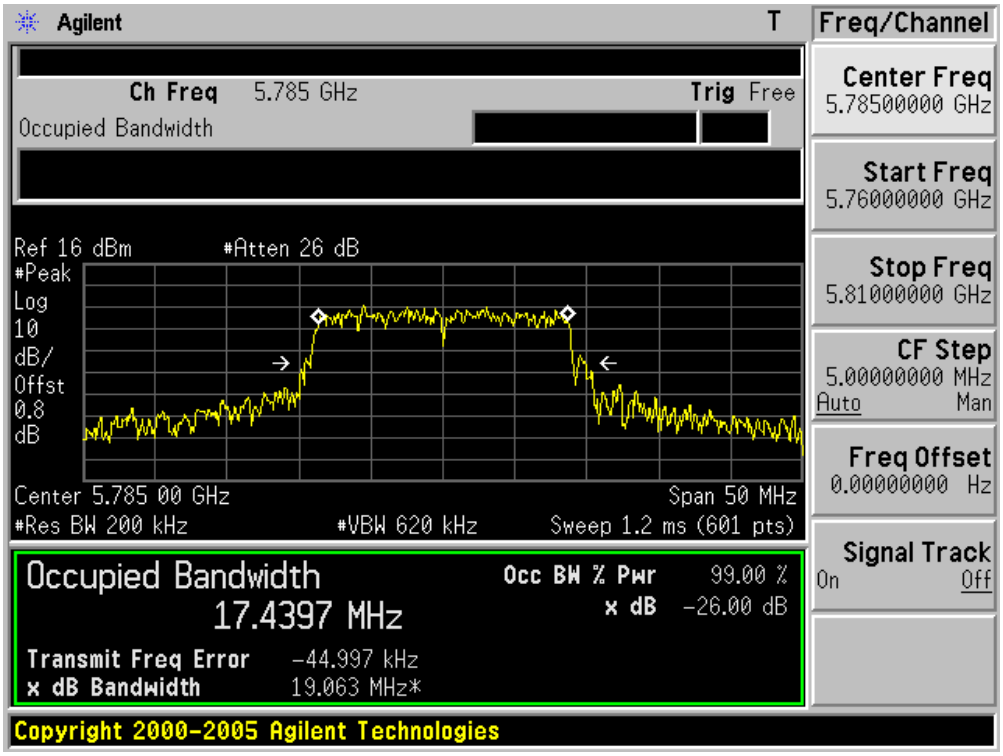
Channel 11 (2462MHz)



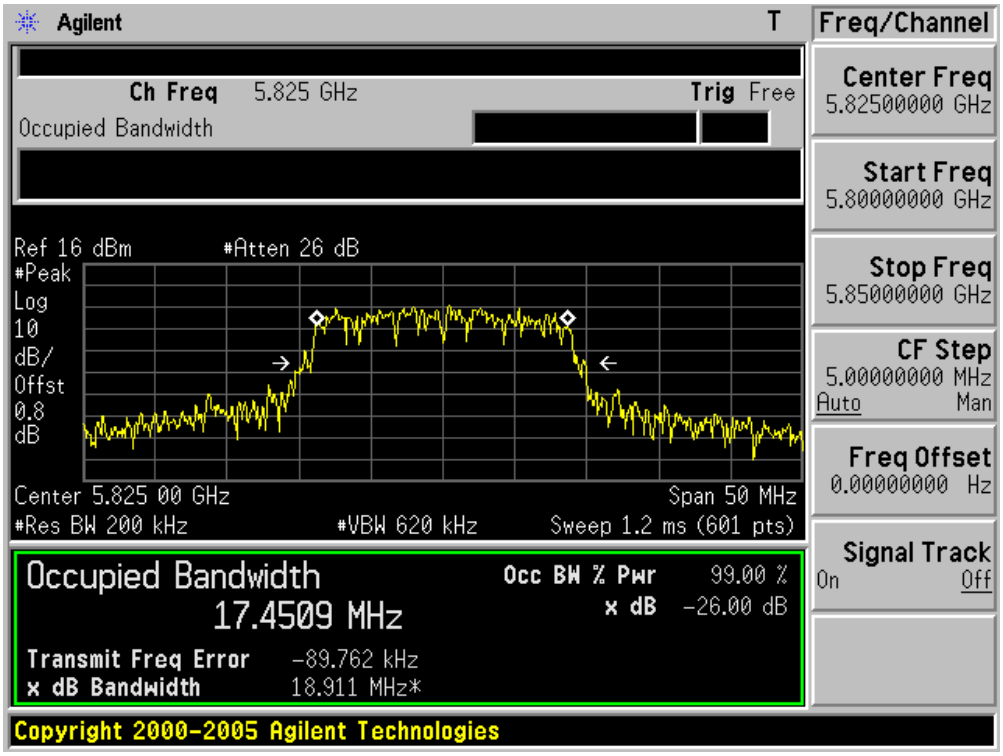
Channel 149 (5745MHz)



Channel 157 (5785MHz)



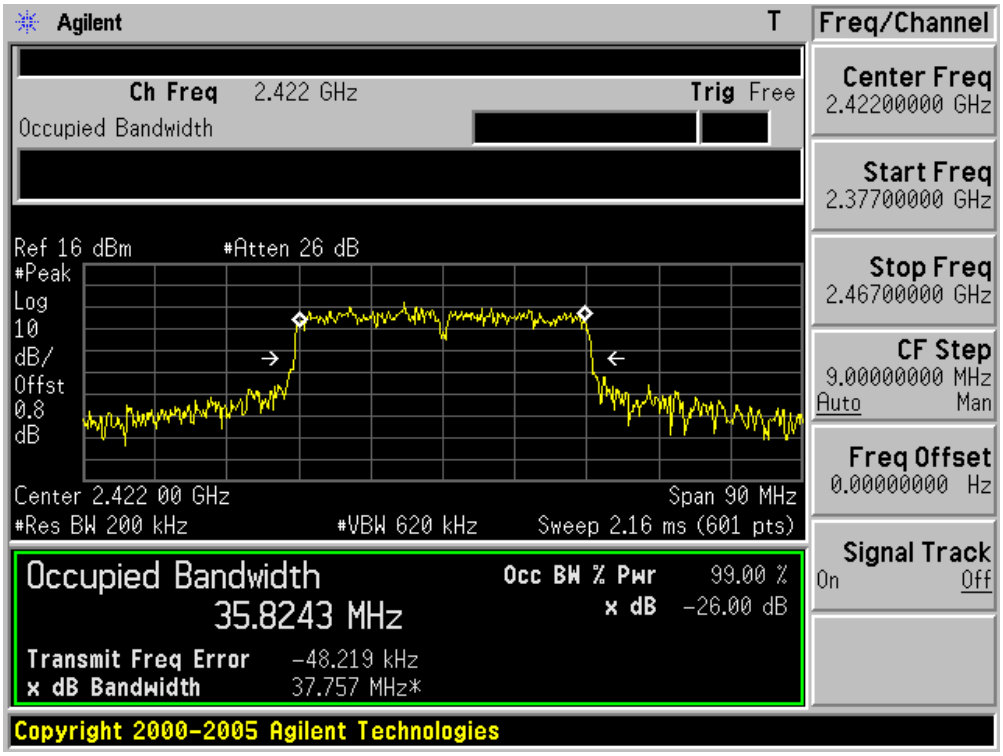
Channel 165 (5825MHz)



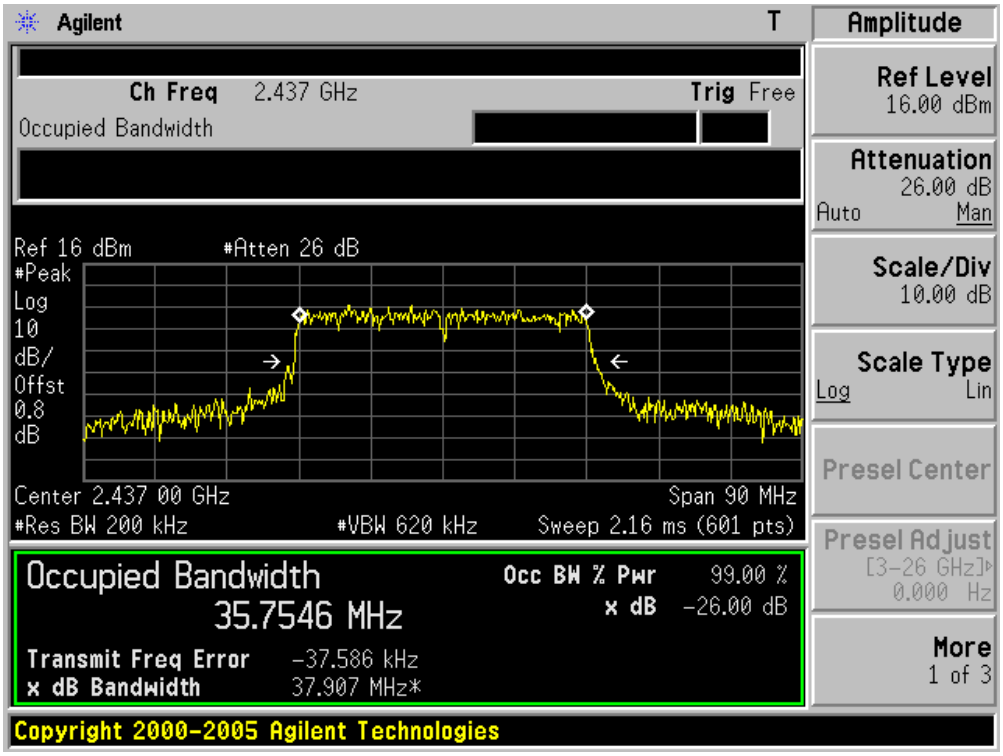
Product	:	Flip Share TV(USB Dongle)
Test Item	:	99% Occupied Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 5: Transmit by 802.11n(40MHz) (Chain 0)

Channel No.	Frequency (MHz)	99% Occupied Bandwidth (kHz)
03	2422	35824.3
06	2437	35754.6
09	2452	35760.5
151	5755	35783.4
159	5795	35722.2

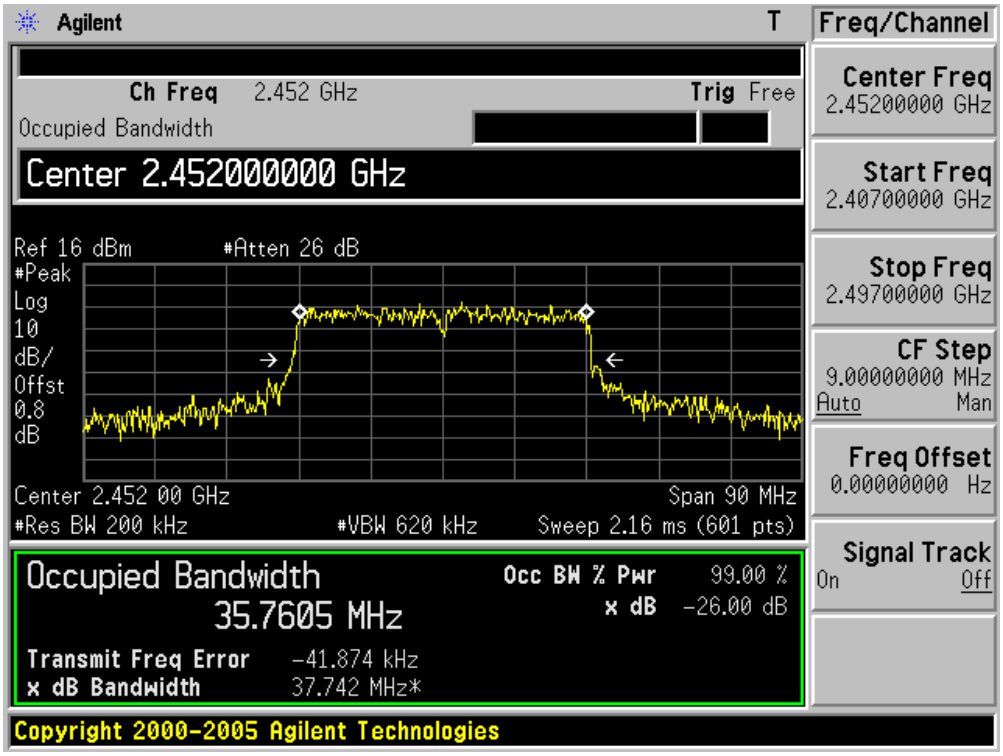
Channel 03 (2422MHz)



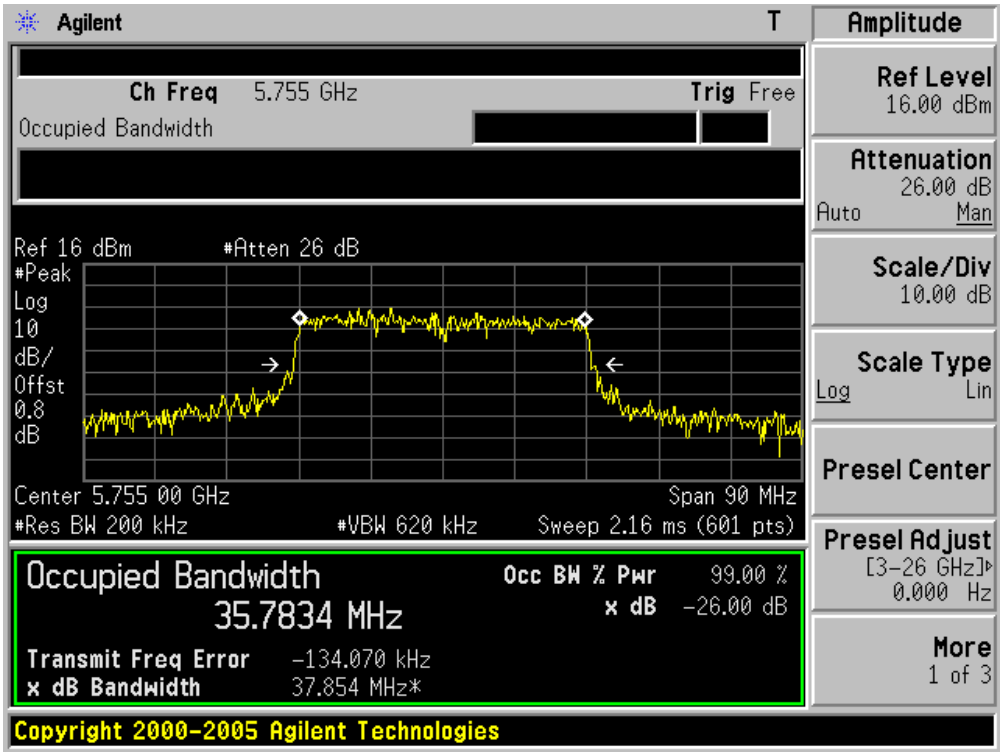
Channel 06 (2437MHz)



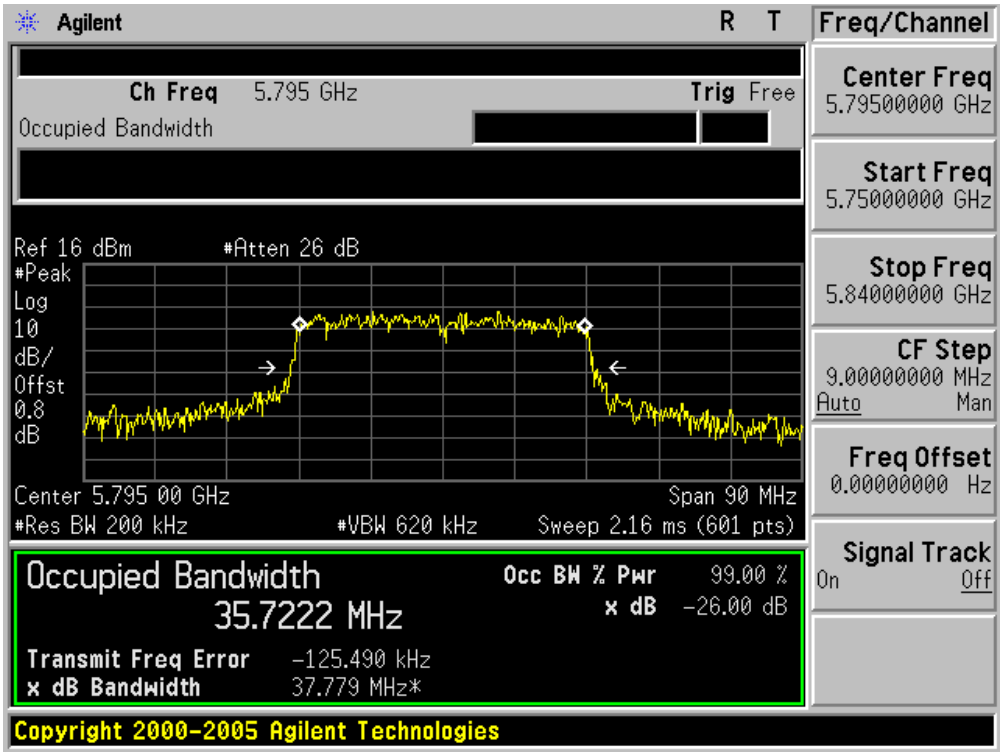
Channel 09 (2452MHz)



Channel 151 (5755MHz)



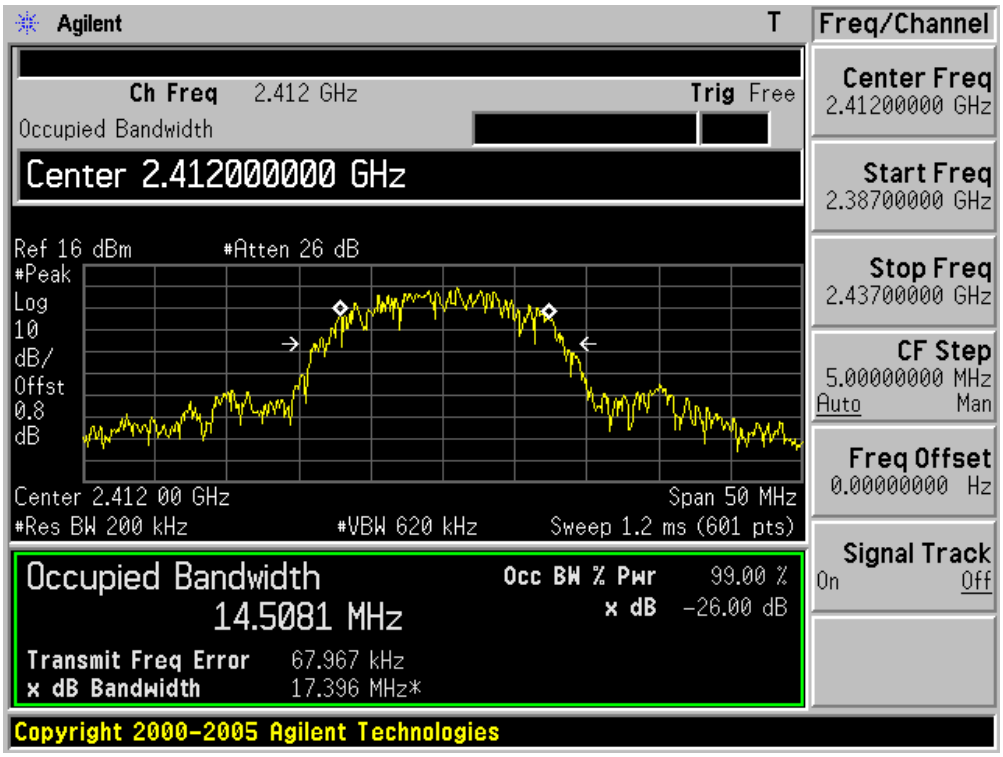
Channel 159 (5795MHz)



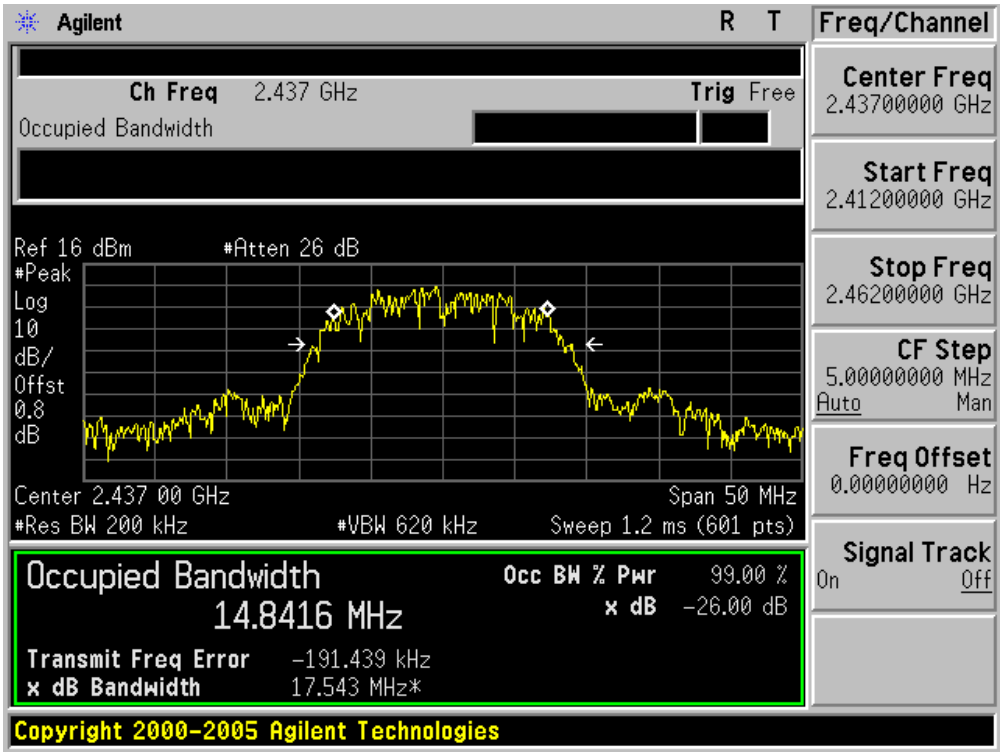
Product	:	Flip Share TV(USB Dongle)
Test Item	:	99% Occupied Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 1: Transmit by 802.11b (Chain 1)

Channel No.	Frequency (MHz)	99% Occupied Bandwidth (kHz)
01	2412	14508.1
06	2437	14841.6
11	2462	14594.0

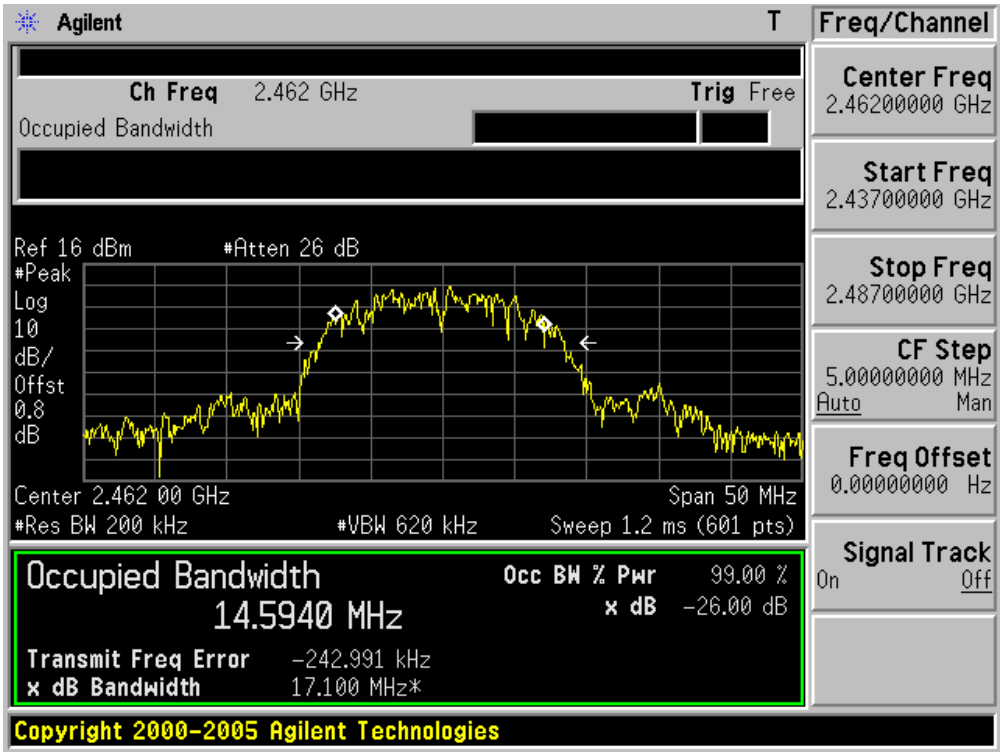
Channel 01 (2412MHz)



Channel 06 (2437MHz)



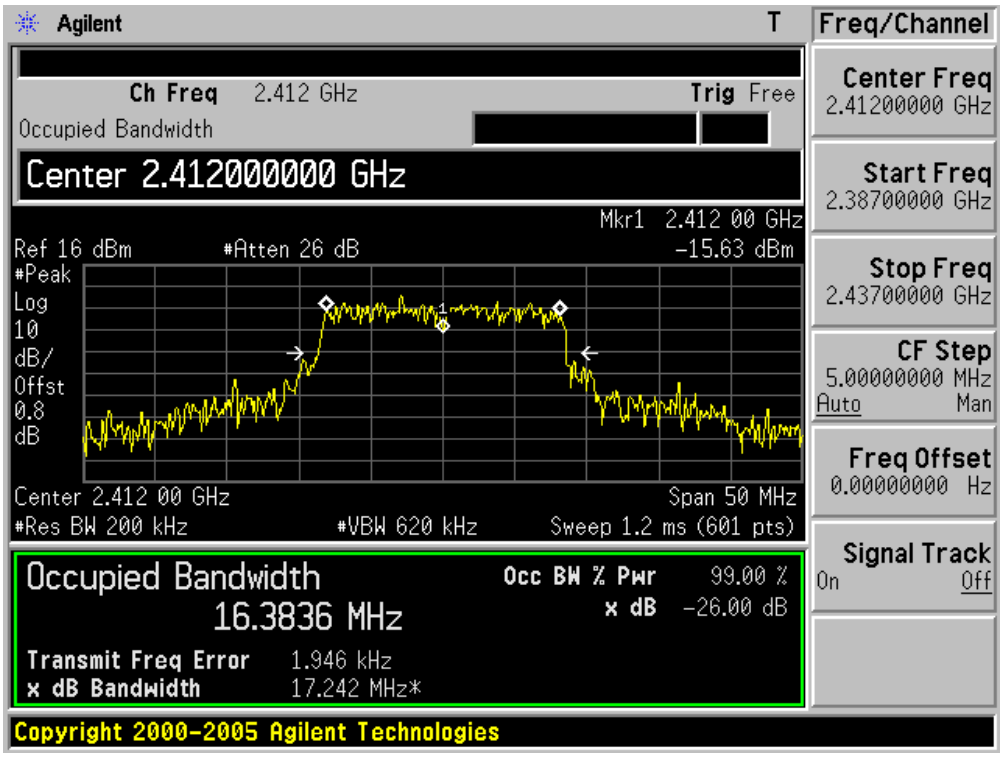
Channel 11 (2462MHz)



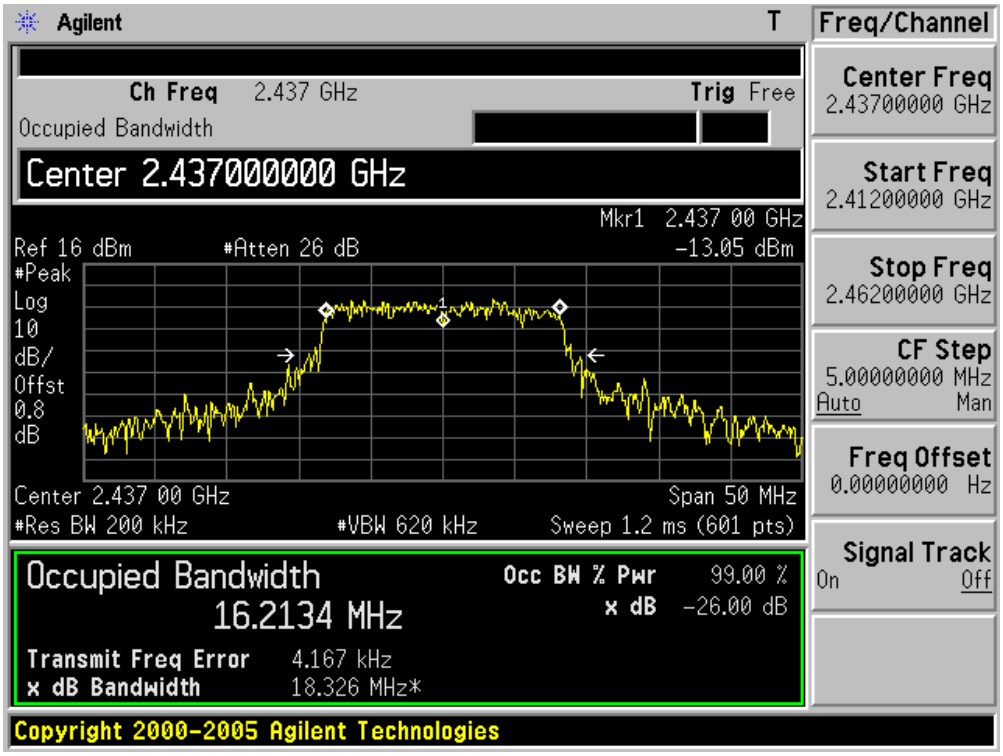
Product	:	Flip Share TV(USB Dongle)
Test Item	:	99% Occupied Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 2: Transmit by 802.11g (Chain 1)

Channel No.	Frequency (MHz)	99% Occupied Bandwidth (kHz)
01	2412	16383.6
06	2437	16213.4
11	2462	16287.4

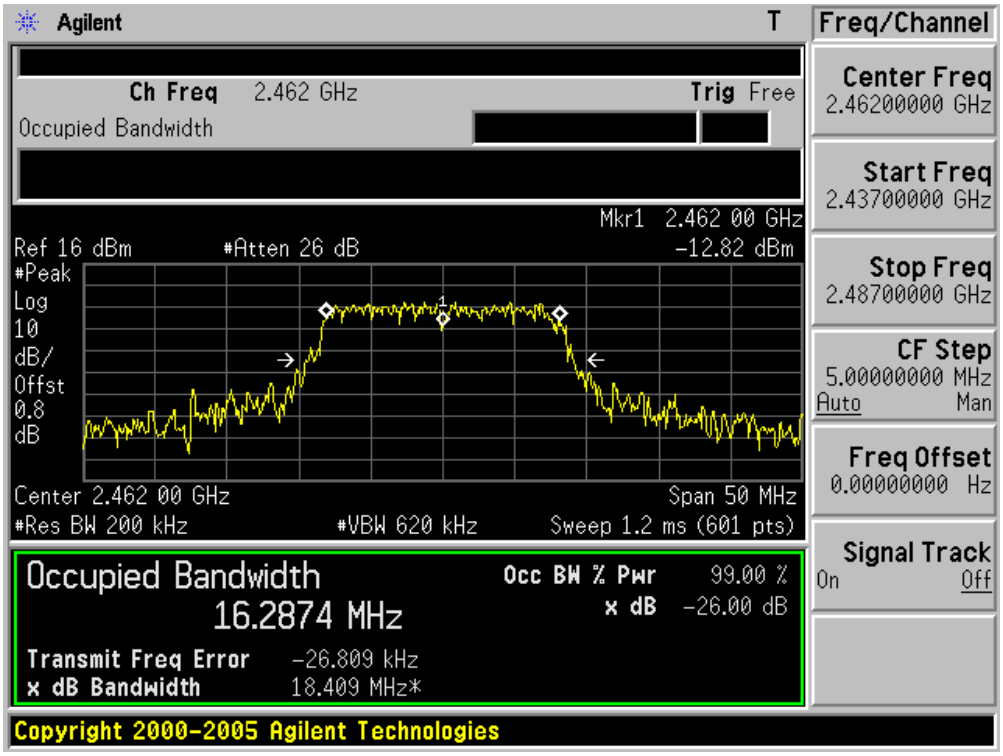
Channel 01 (2412MHz)



Channel 06 (2437MHz)



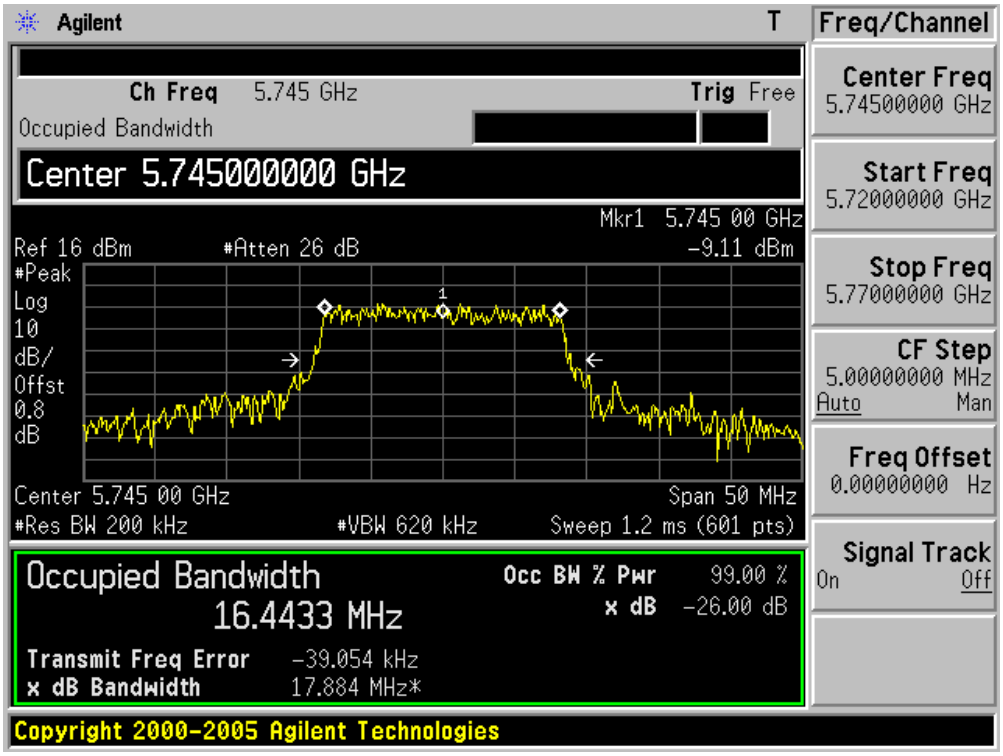
Channel 11 (2462MHz)



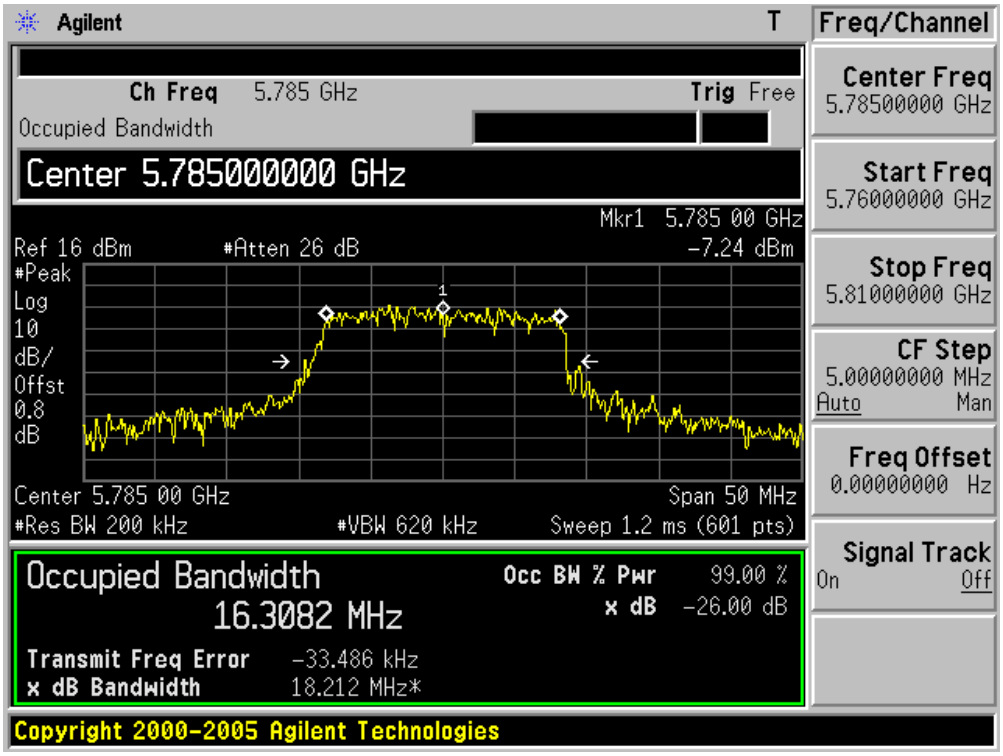
Product	:	Flip Share TV(USB Dongle)
Test Item	:	99% Occupied Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 3: Transmit by 802.11a (Chain 1)

Channel No.	Frequency (MHz)	99% Occupied Bandwidth (kHz)
149	5745	16443.3
157	5785	16308.2
165	5825	16340.2

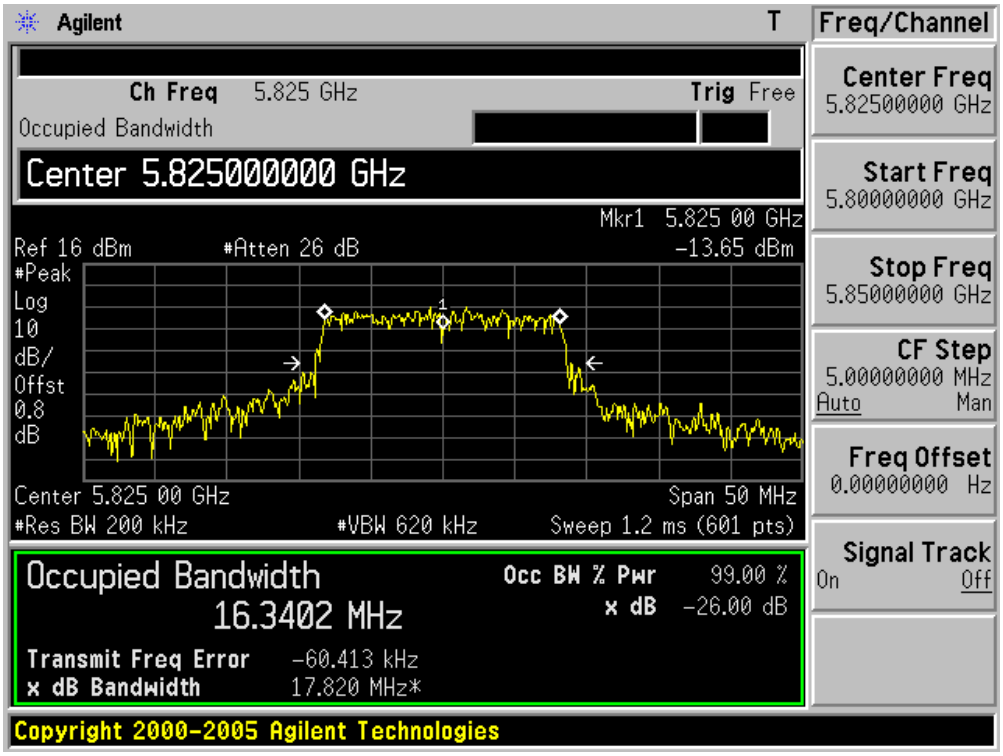
Channel 149 (5745MHz)



Channel 157 (5785MHz)



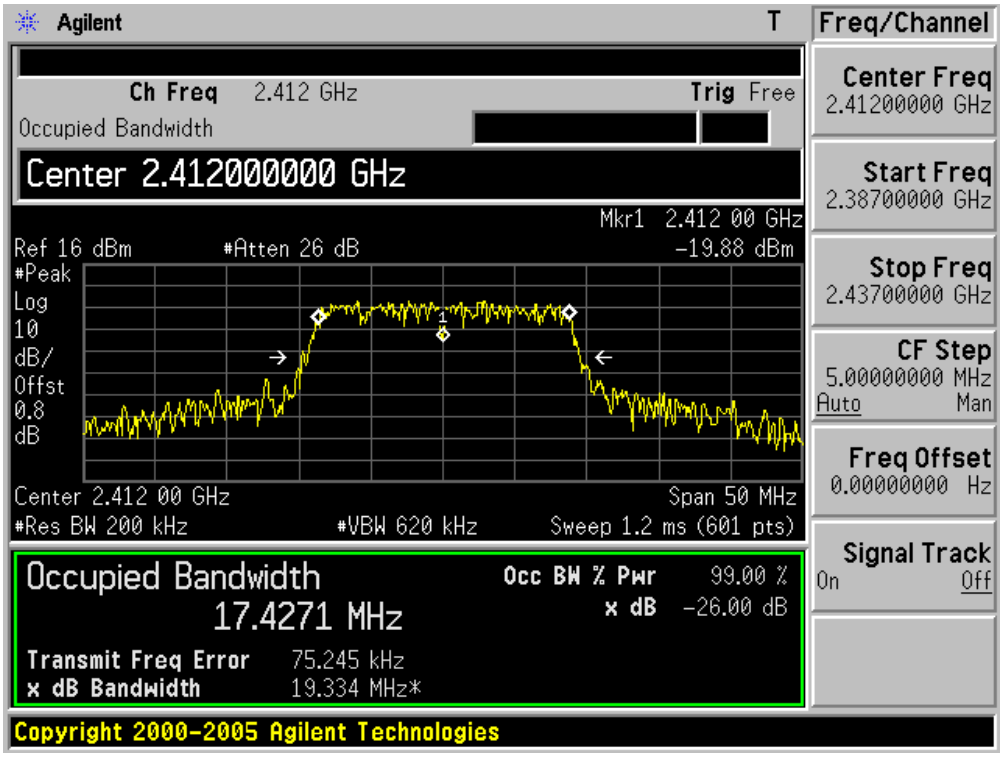
Channel 165 (5825MHz)



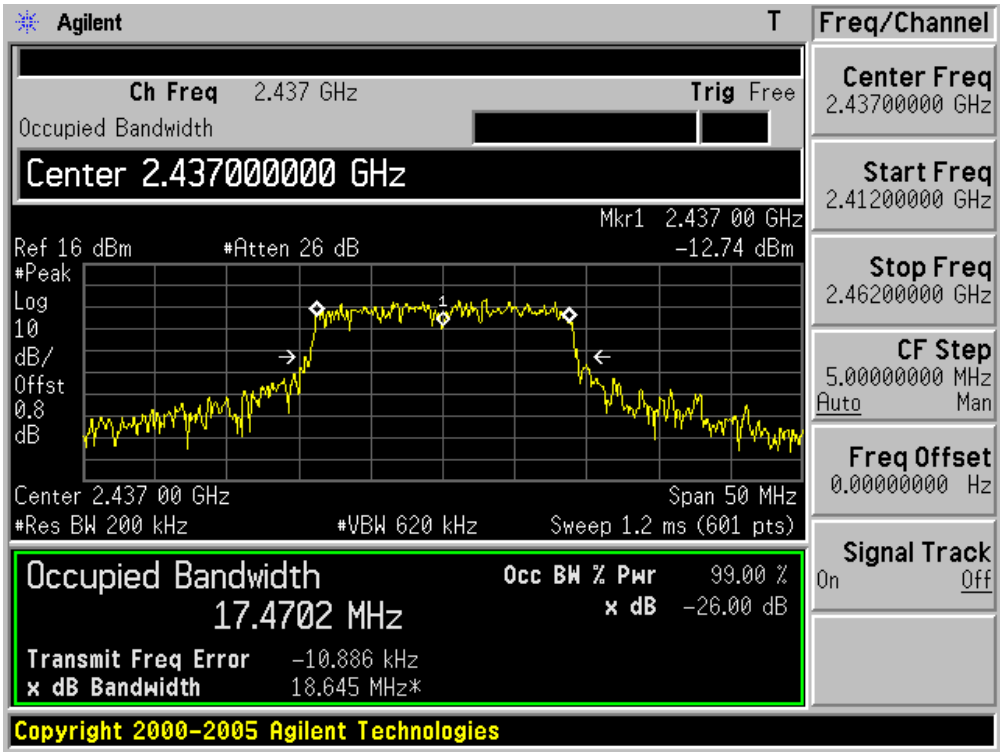
Product	:	Flip Share TV(USB Dongle)
Test Item	:	99% Occupied Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 4: Transmit by 802.11n(20MHz) (Chain 1)

Channel No.	Frequency (MHz)	99% Occupied Bandwidth (kHz)
01	2412	17427.1
06	2437	17470.2
11	2462	17397.4
149	5745	17393.5
157	5785	17372.2
165	5825	17580.8

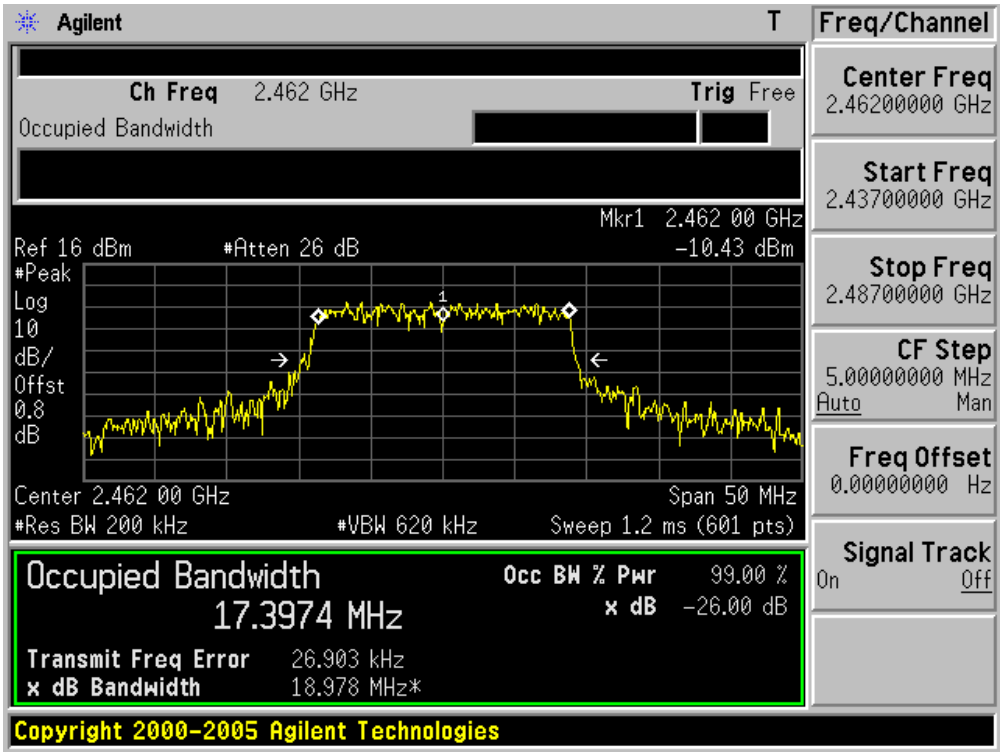
Channel 01 (2412MHz)



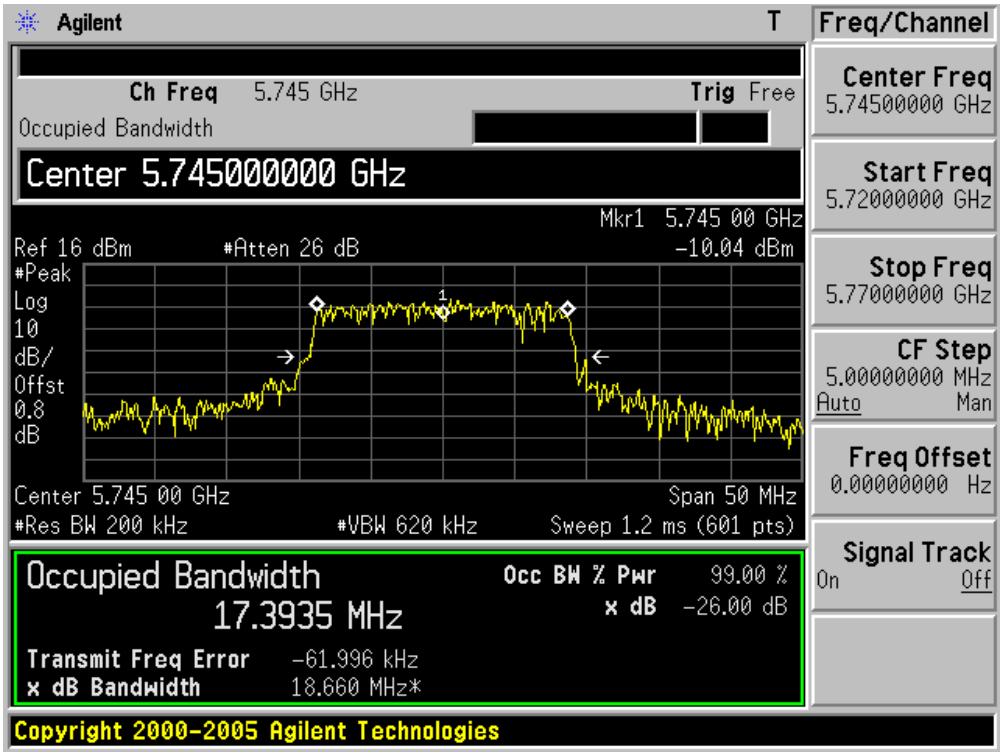
Channel 06 (2437MHz)



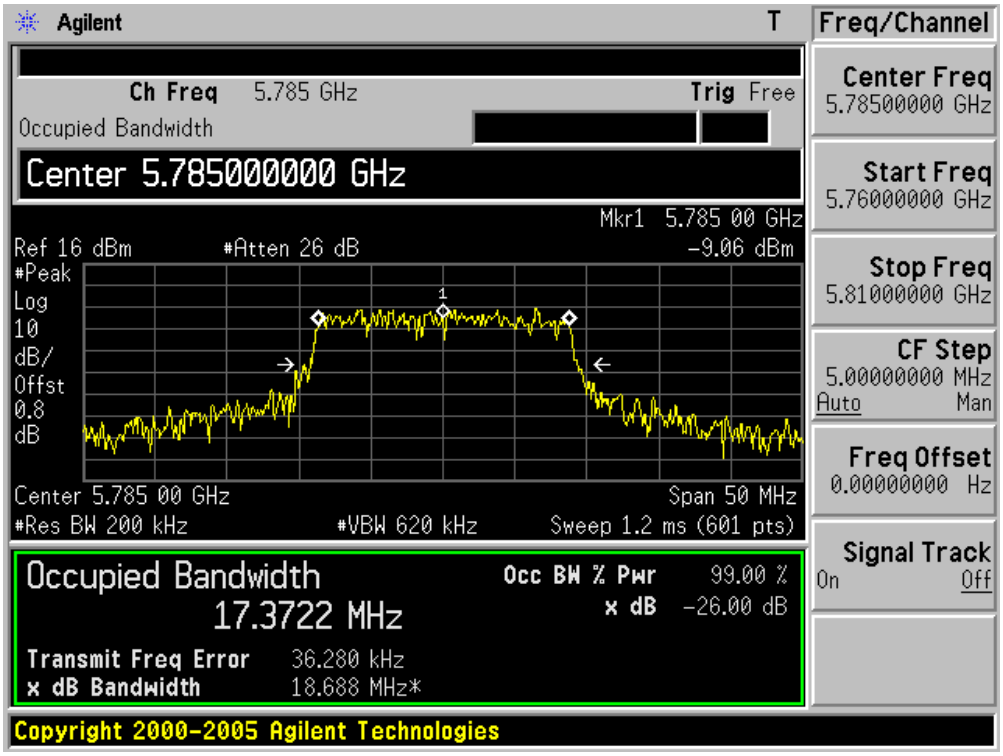
Channel 11 (2462MHz)



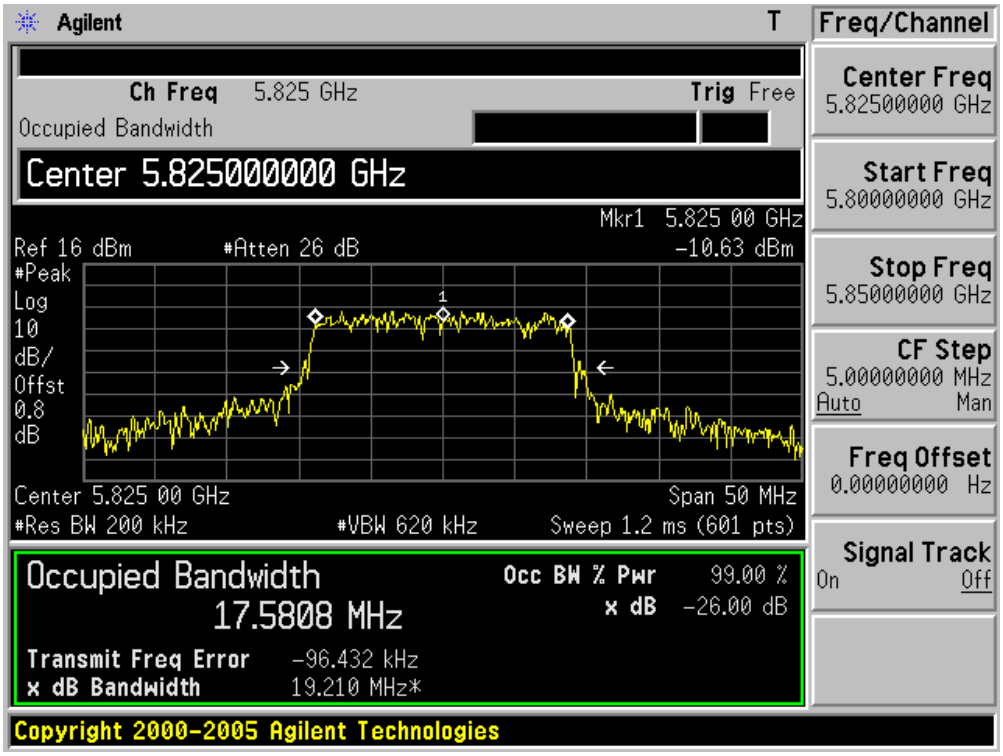
Channel 149 (5745MHz)



Channel 157 (5785MHz)



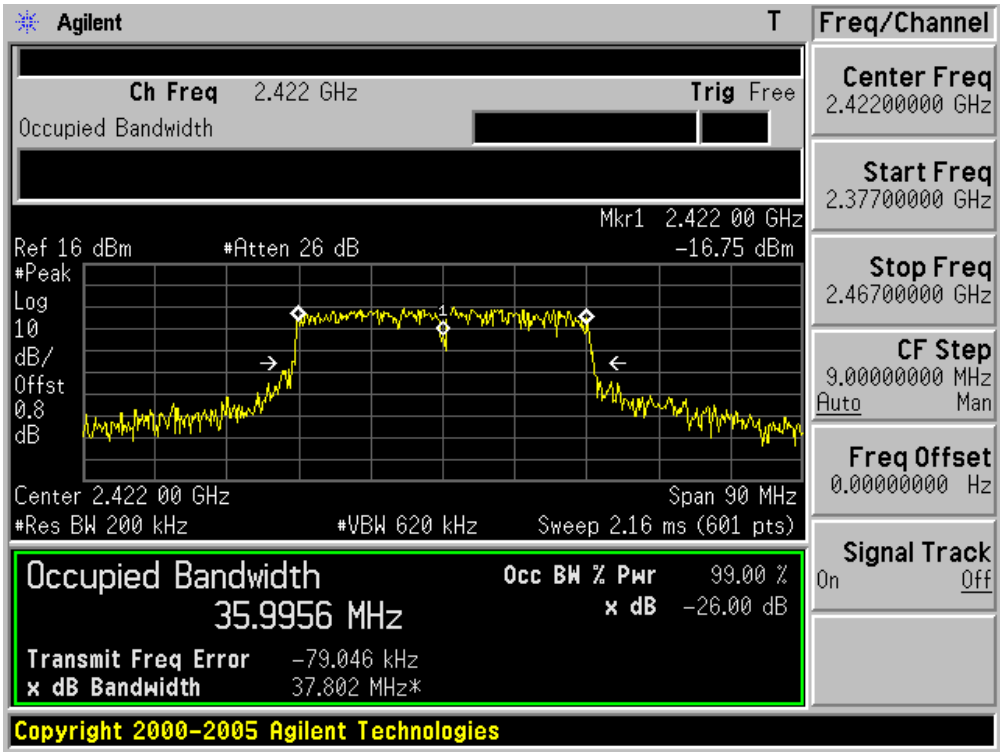
Channel 165 (5825MHz)



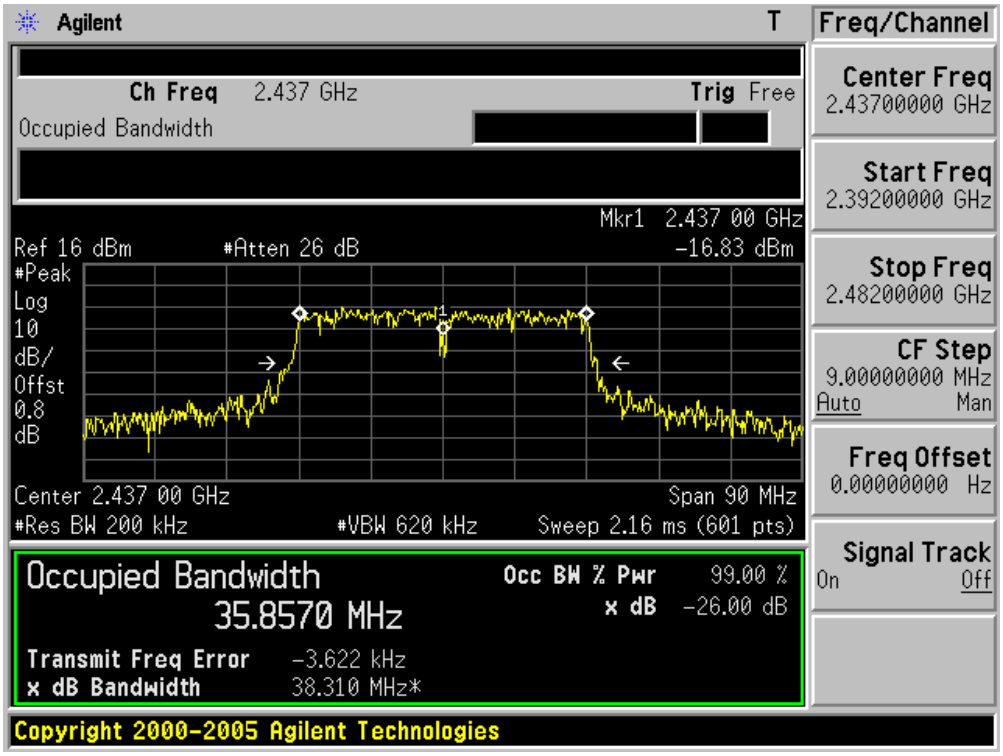
Product	:	Flip Share TV(USB Dongle)
Test Item	:	99% Occupied Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 5: Transmit by 802.11n(40MHz) (Chain 1)

Channel No.	Frequency (MHz)	99% Occupied Bandwidth (kHz)
03	2422	35995.6
06	2437	35857.0
09	2452	35674.6
151	5755	35824.1
159	5795	35835.4

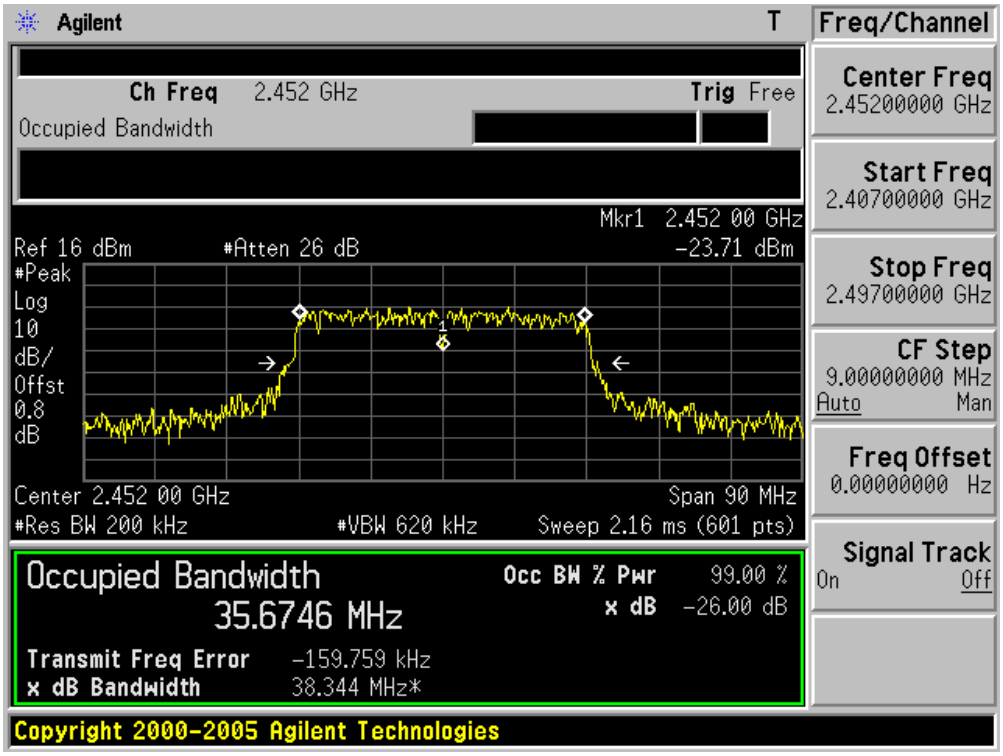
Channel 03 (2422MHz)



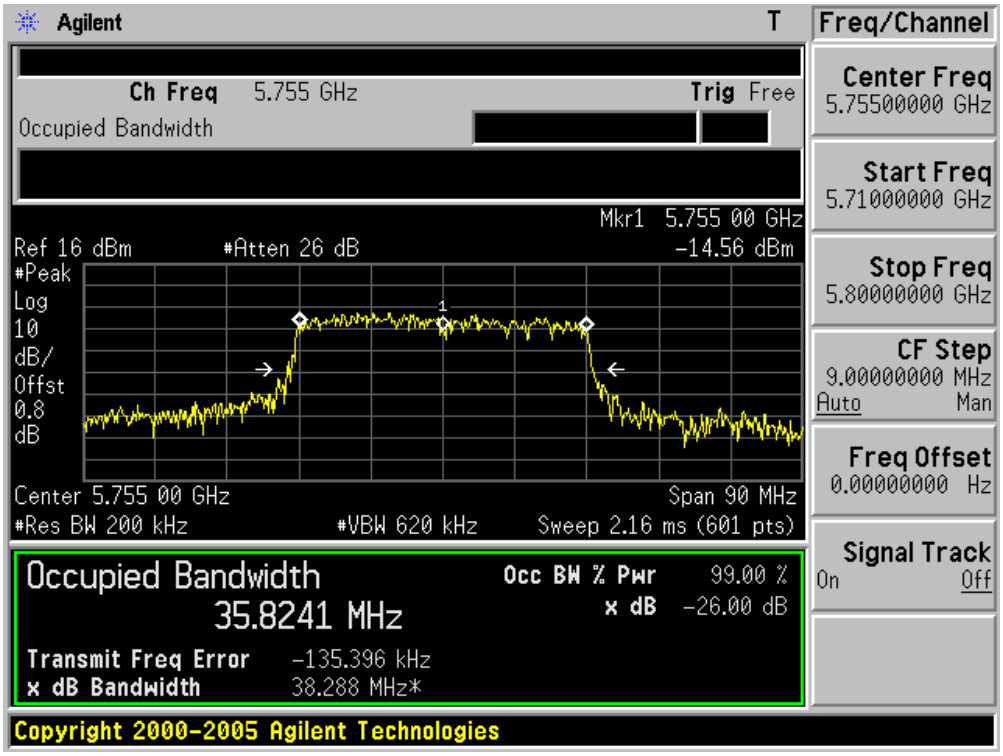
Channel 06 (2437MHz)



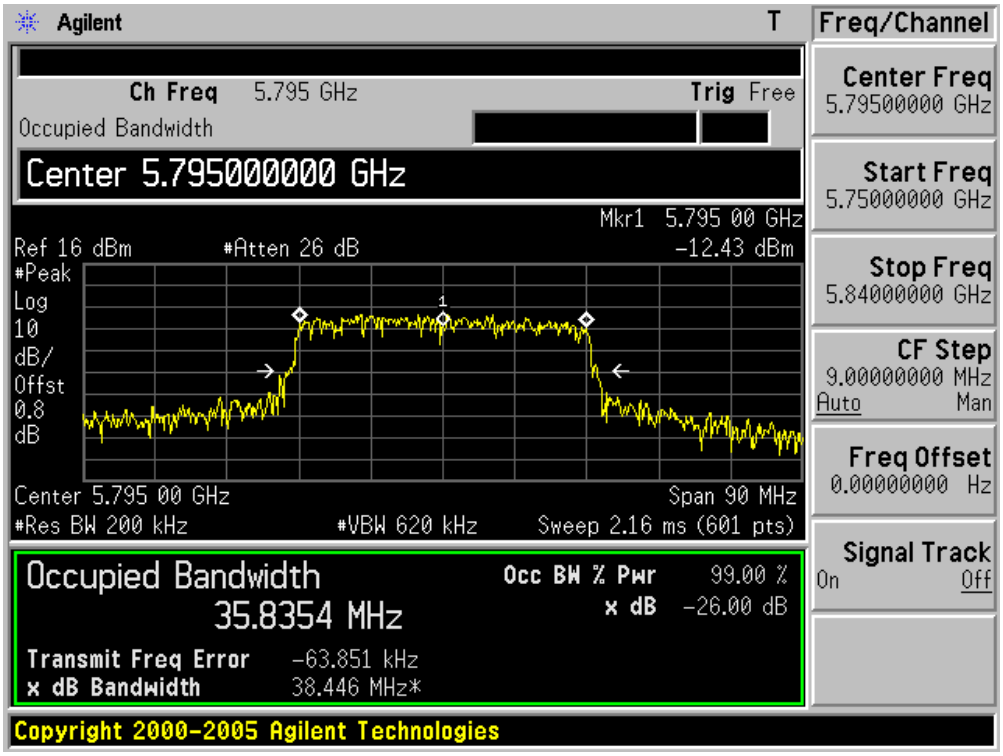
Channel 09 (2452MHz)



Channel 151 (5755MHz)



Channel 159 (5795MHz)



9. Power Output

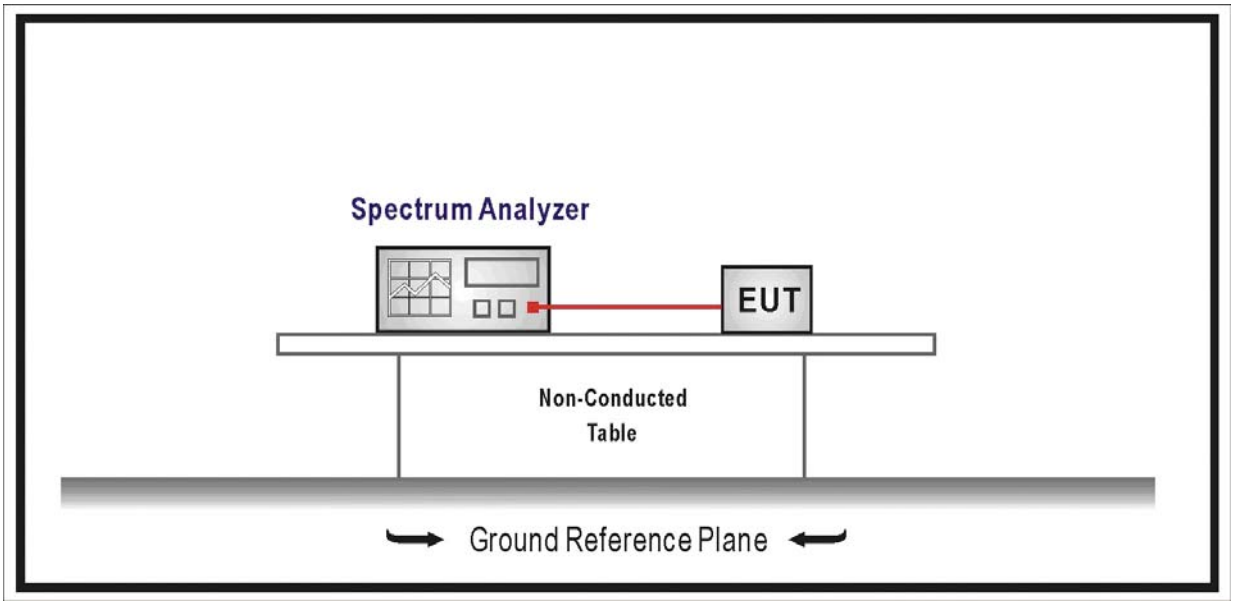
9.1. Test Equipment

Power Output / AC-6

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Wideband Peak Power Meter	Anritsu	ML2495A	0905006	2009/02/12
Power Sensor	Anritsu	MA2411B	0846014	2009/01/12
Coaxial Cable	Huber+Suhner	AC4-RF	09	2008/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH007	2009/03/09

Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

9.2. Test Setup



9.3. Limit

The maximum peak power shall be less 1 Watt (30dBm).

Note: the conducted output power limit specified above is based on the use the antennas with directional gains that do not exceed 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values above, as appropriate, by the amount in dB that the directional gain of antenna exceeds 6 dBi.

9.4. Test Procedure

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

Use the wideband power meter to test peak power and record the result.

9.5. Uncertainty

The measurement uncertainty is defined as ± 1.27 dB

9.6. Test Result

Power output test was verified over all data rates of each mode shown as below, and then choose the maximum power output (blue marker) for final test of each channel.

MCS Index for 802.11n	Spatial Streams	Data Rate (Mbps)						
		802.11b	802.11g	802.11a	20MHz Bandwidth		40MHz Bandwidth	
					800ns GI	400ns GI	800ns GI	400ns GI
0	1	1	6	6	6.5	7.2	13.5	15.0
1	1	2	9	9	13.0	14.4	27.0	30.0
2	1	5.5	12	12	19.5	21.7	40.5	45.0
3	1	11	18	18	26.0	28.9	54.0	60.0
4	1	---	24	24	39.0	43.3	81.0	90.0
5	1	---	36	36	52.0	57.8	108.0	120.0
6	1	---	48	48	58.5	65.0	121.5	135.0
7	1	---	54	54	65.0	72.2	135.0	150.0
8	2	---	---	---	13.0	14.4	27.0	30.0
9	2	---	---	---	26.0	28.9	54.0	60.0
10	2	---	---	---	39.0	43.3	81.0	90.0
11	2	---	---	---	52.0	57.8	108.0	120.0
12	2	---	---	---	78.0	86.7	162.0	180.0
13	2	---	---	---	104.0	115.6	216.0	240.0
14	2	---	---	---	117.0	130.0	243.0	270.0
15	2	---	---	---	130.0	144.0	270.0	300.0

Power output at various data rates:

Test Mode	Chain	Bandwidth	Frequency (MHz)	Channel	Data Rate	Peak Power (dBm)
802.11b	0	20	2437	6	1	18.07
					5.5	17.93
					11	17.84
802.11b	1	20	2437	6	1	17.89
					5.5	17.75
					11	17.66
802.11g	0	20	2437	6	6	21.37
					24	21.30
					54	21.21
802.11g	1	20	2437	6	6	20.40
					24	20.28
					54	20.18
802.11a	0	20	5785	157	6	18.11
					24	18.03
					54	17.85
802.11a	1	20	5785	157	6	17.50
					24	17.41
					54	17.29
802.11n	0	20	2437	6	HT0	21.37
					HT4	21.28
					HT7	21.16
802.11n	1	20	2437	6	HT0	21.27
					HT4	21.19
					HT7	21.06
802.11n	0	40	2437	6	HT0	21.52
					HT4	21.41
					HT7	21.28
802.11n	1	40	2437	6	HT0	20.50
					HT4	20.37
					HT7	20.28

Product	:	Flip Share TV(USB Dongle)
Test Item	:	Power Output
Test Site	:	AC-6
Test Mode	:	Mode 1: Transmit by 802.11b(Chain 0)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)	Cable Loss (dBm)	Total Power (dBm)	Limit (dBm)	Result
1	2412	20.51	0.8	21.31	30.00	Pass
6	2437	17.27	0.8	18.07	30.00	Pass
11	2462	17.61	0.8	18.41	30.00	Pass

Product	:	Flip Share TV(USB Dongle)
Test Item	:	Power Output
Test Site	:	AC-6
Test Mode	:	Mode 1: Transmit by 802.11b(Chain 1)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)	Cable Loss (dBm)	Total Power (dBm)	Limit (dBm)	Result
1	2412	17.17	0.8	17.97	30.00	Pass
6	2437	17.09	0.8	17.89	30.00	Pass
11	2462	16.46	0.8	17.26	30.00	Pass

Product	:	Flip Share TV(USB Dongle)
Test Item	:	Power Output
Test Site	:	AC-6
Test Mode	:	Mode 2: Transmit by 802.11g(Chain 0)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)	Cable Loss (dBm)	Total Power (dBm)	Limit (dBm)	Result
1	2412	20.75	0.8	21.55	30.00	Pass
6	2437	20.57	0.8	21.37	30.00	Pass
11	2462	17.68	0.8	18.48	30.00	Pass

Product	:	Flip Share TV(USB Dongle)
Test Item	:	Power Output
Test Site	:	AC-6
Test Mode	:	Mode 2: Transmit by 802.11g(Chain 1)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)	Cable Loss (dBm)	Total Power (dBm)	Limit (dBm)	Result
1	2412	19.65	0.8	20.45	30.00	Pass
6	2437	19.60	0.8	20.40	30.00	Pass
11	2462	16.79	0.8	17.59	30.00	Pass

Product	:	Flip Share TV(USB Dongle)
Test Item	:	Power Output
Test Site	:	AC-6
Test Mode	:	Mode 3: Transmit by 802.11a(Chain 0)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)	Cable Loss (dBm)	Total Power (dBm)	Limit (dBm)	Result
149	5745	17.25	0.8	18.05	30.00	Pass
157	5785	17.31	0.8	18.11	30.00	Pass
165	5825	17.22	0.8	18.02	30.00	Pass

Product	:	Flip Share TV(USB Dongle)
Test Item	:	Power Output
Test Site	:	AC-6
Test Mode	:	Mode 3: Transmit by 802.11a(Chain 1)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)	Cable Loss (dBm)	Total Power (dBm)	Limit (dBm)	Result
149	5745	17.44	0.8	18.24	30.00	Pass
157	5785	16.70	0.8	17.50	30.00	Pass
165	5825	16.72	0.8	17.52	30.00	Pass

Product	:	Flip Share TV(USB Dongle)
Test Item	:	Power Output
Test Site	:	AC-6
Test Mode	:	Mode 4: Transmit by 802.11n(20MHz) (Chain 0)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)	Cable Loss (dBm)	Total Power (dBm)	Limit (dBm)	Result
1	2412	20.76	0.8	21.56	30.00	Pass
6	2437	20.57	0.8	21.37	30.00	Pass
11	2462	20.56	0.8	21.36	30.00	Pass
149	5745	16.97	0.8	17.77	30.00	Pass
157	5785	16.85	0.8	17.65	30.00	Pass
165	5825	16.64	0.8	17.44	30.00	Pass

Product	:	Flip Share TV(USB Dongle)
Test Item	:	Power Output
Test Site	:	AC-6
Test Mode	:	Mode 4: Transmit by 802.11n(20MHz) (Chain 1)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)	Cable Loss (dBm)	Total Power (dBm)	Limit (dBm)	Result
1	2412	20.50	0.8	21.30	30.00	Pass
6	2437	20.47	0.8	21.27	30.00	Pass
11	2462	20.17	0.8	20.97	30.00	Pass
149	5745	16.27	0.8	17.07	30.00	Pass
157	5785	15.97	0.8	16.77	30.00	Pass
165	5825	15.97	0.8	16.77	30.00	Pass

Product	:	Flip Share TV(USB Dongle)
Test Item	:	Power Output
Test Site	:	AC-6
Test Mode	:	Mode 4: Transmit by 802.11n(20MHz) (Chain 0+1)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Cable Loss (dBm)	Total Power (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1				
1	2412	21.16	19.90	0.8	24.39	30.00	Pass
6	2437	20.91	20.52	0.8	24.53	30.00	Pass
11	2462	20.98	20.10	0.8	24.37	30.00	Pass
149	5745	16.33	16.38	0.8	20.17	30.00	Pass
157	5785	16.57	15.96	0.8	20.09	30.00	Pass
165	5825	16.43	15.92	0.8	19.99	30.00	Pass

Product	:	Flip Share TV(USB Dongle)
Test Item	:	Power Output
Test Site	:	AC-6
Test Mode	:	Mode 5: Transmit by 802.11n(40MHz) (Chain 0)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)	Cable Loss (dBm)	Total Power (dBm)	Limit (dBm)	Result
3	2422	20.74	0.8	21.54	30.00	Pass
6	2437	20.72	0.8	21.52	30.00	Pass
9	2452	20.93	0.8	21.73	30.00	Pass
151	5755	17.23	0.8	18.03	30.00	Pass
159	5795	17.60	0.8	18.4	30.00	Pass

Product	:	Flip Share TV(USB Dongle)
Test Item	:	Power Output
Test Site	:	AC-6
Test Mode	:	Mode 5: Transmit by 802.11n(40MHz) (Chain 1)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)	Cable Loss (dBm)	Total Power (dBm)	Limit (dBm)	Result
3	2422	20.36	0.8	21.16	30.00	Pass
6	2437	19.70	0.8	20.50	30.00	Pass
9	2452	19.60	0.8	20.40	30.00	Pass
151	5755	14.94	0.8	15.74	30.00	Pass
159	5795	15.01	0.8	15.81	30.00	Pass

Product	:	Flip Share TV(USB Dongle)
Test Item	:	Power Output
Test Site	:	AC-6
Test Mode	:	Mode 5: Transmit by 802.11n(40MHz) (Chain 0+1)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Cable Loss (dBm)	Total Power (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1				
3	2422	20.80	19.00	0.8	23.80	30.00	Pass
6	2437	20.70	19.14	0.8	23.80	30.00	Pass
9	2452	21.17	19.42	0.8	24.19	30.00	Pass
151	5755	17.25	15.31	0.8	20.2	30.00	Pass
159	5795	17.47	14.93	0.8	20.19	30.00	Pass

10. Power Spectral Density

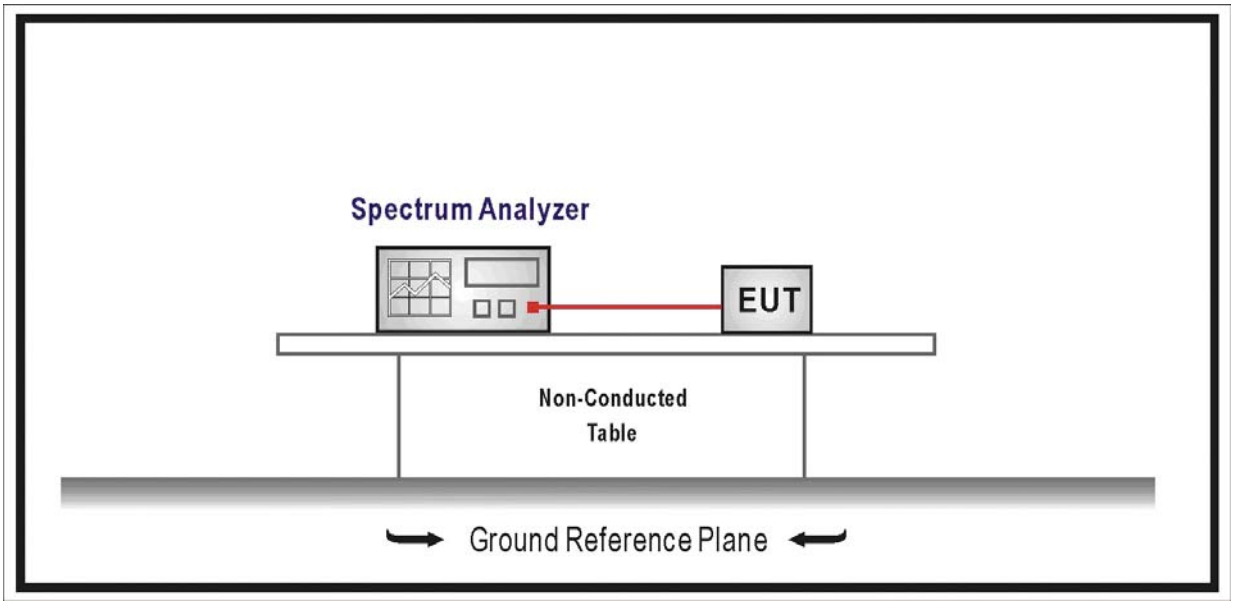
10.1. Test Equipment

Power Spectral Density / AC-6

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2009/06/11
Coaxial Cable	Huber+Suhner	AC4-RF	09	2008/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH007	2009/03/30

Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

10.2. Test Setup



10.3. Limit

For digitally modulated systems, the 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.

10.4. Test Procedure

The EUT was tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.
Set RBW= 3 kHz, Set VBW≧ 10 kHz, Sweep time=100s, Set detector=Peak detector.

10.5. Uncertainty

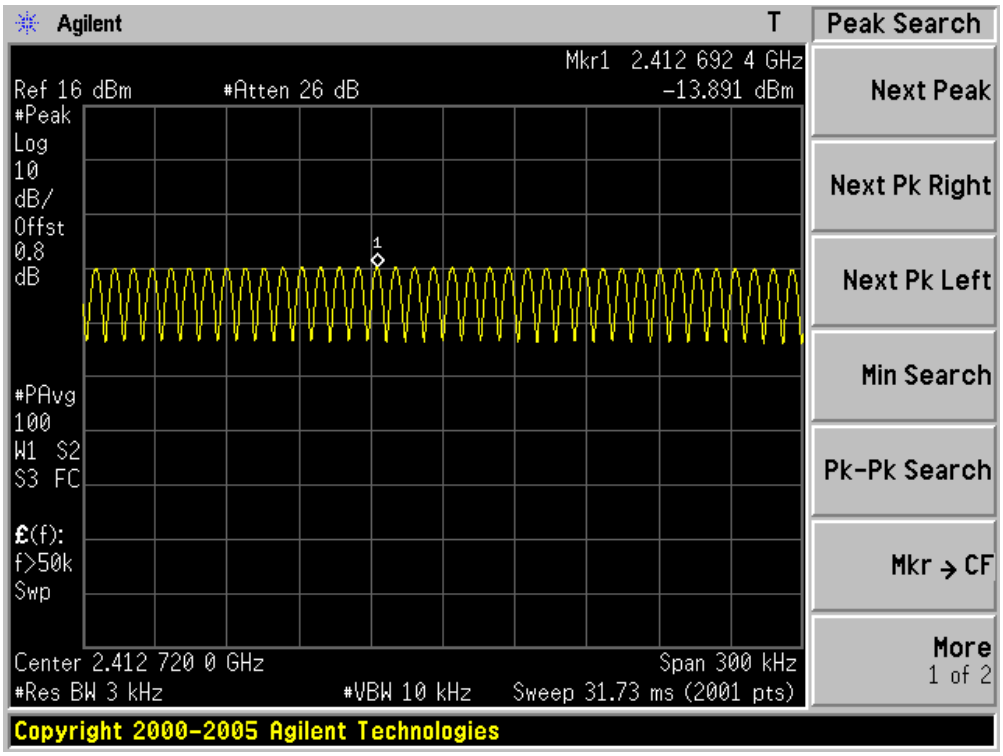
The measurement uncertainty is defined as ± 1.27 dB

10.6. Test Result

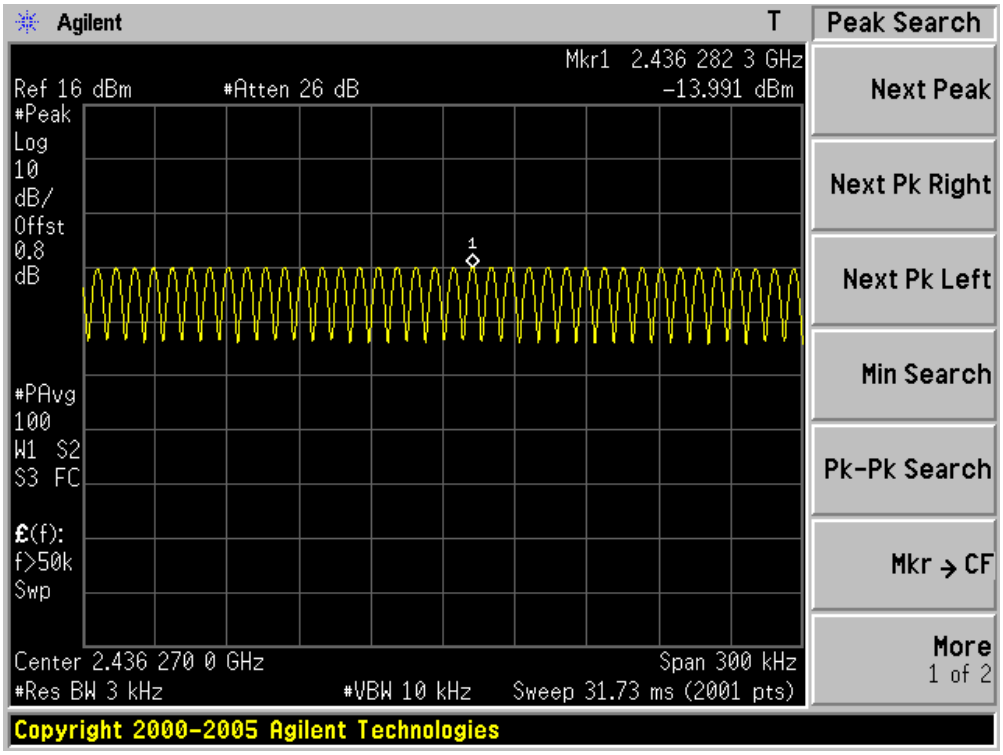
Product	:	Flip Share TV(USB Dongle)
Test Item	:	Power Spectral Density
Test Site	:	AC-6
Test Mode	:	Mode 1: Transmit by 802.11b (Chain 0)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
01	2412	-13.891	N/A	-13.891	8	Pass
06	2437	-13.991	N/A	-13.991	8	Pass
11	2462	-13.834	N/A	-13.834	8	Pass

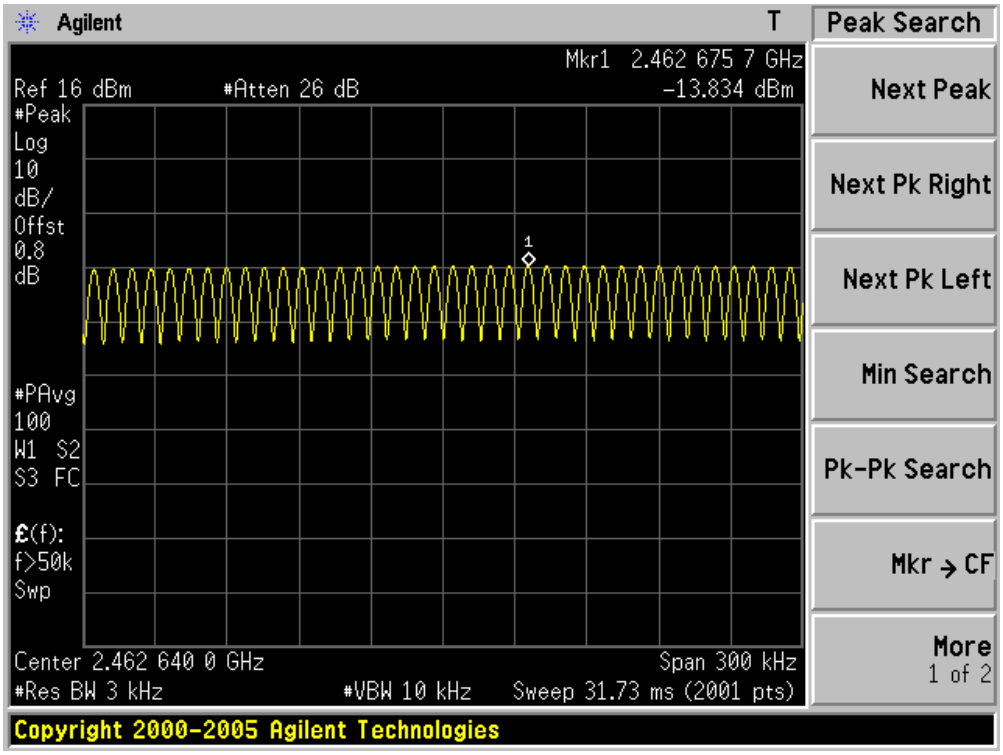
Channel 01 (2412MHz)



Channel 06 (2437MHz)



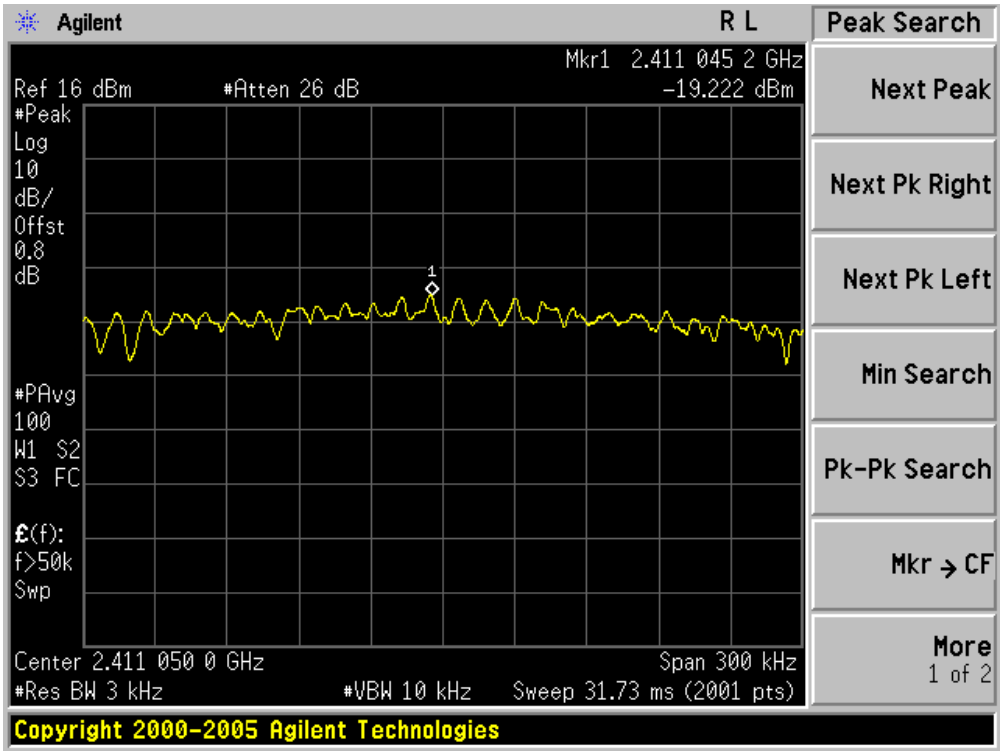
Channel 11 (2462MHz)



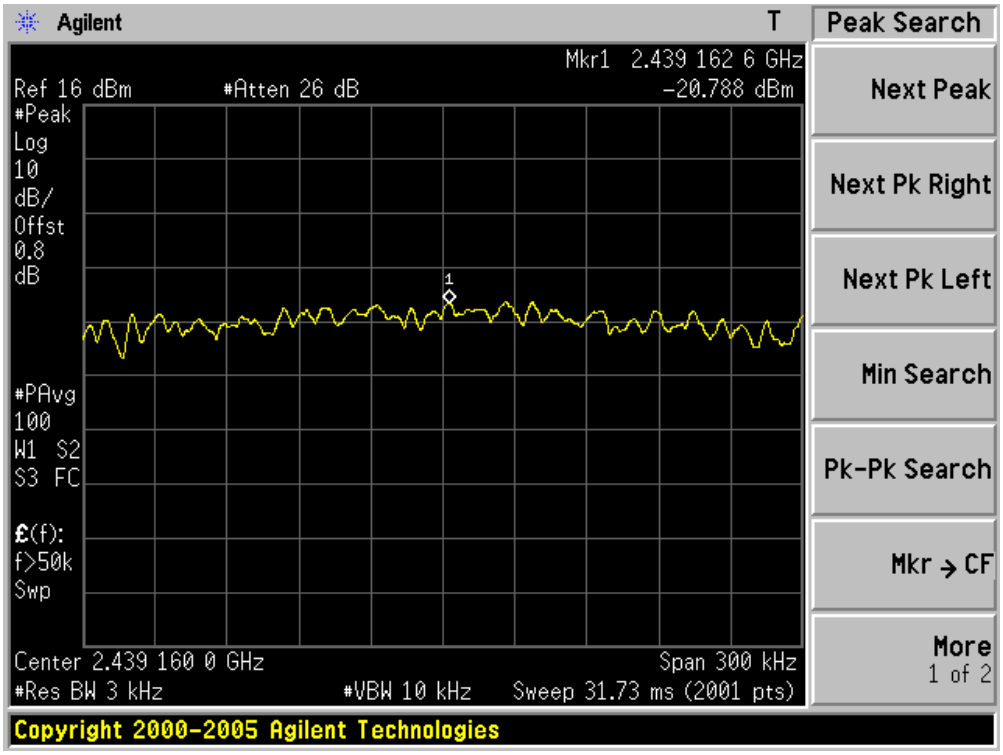
Product	:	Flip Share TV(USB Dongle)
Test Item	:	Power Spectral Density
Test Site	:	AC-6
Test Mode	:	Mode 2: Transmit by 802.11g (Chain 0)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
01	2412	-19.222	N/A	-19.222	8	Pass
06	2437	-20.788	N/A	-20.788	8	Pass
11	2462	-19.165	N/A	-19.165	8	Pass

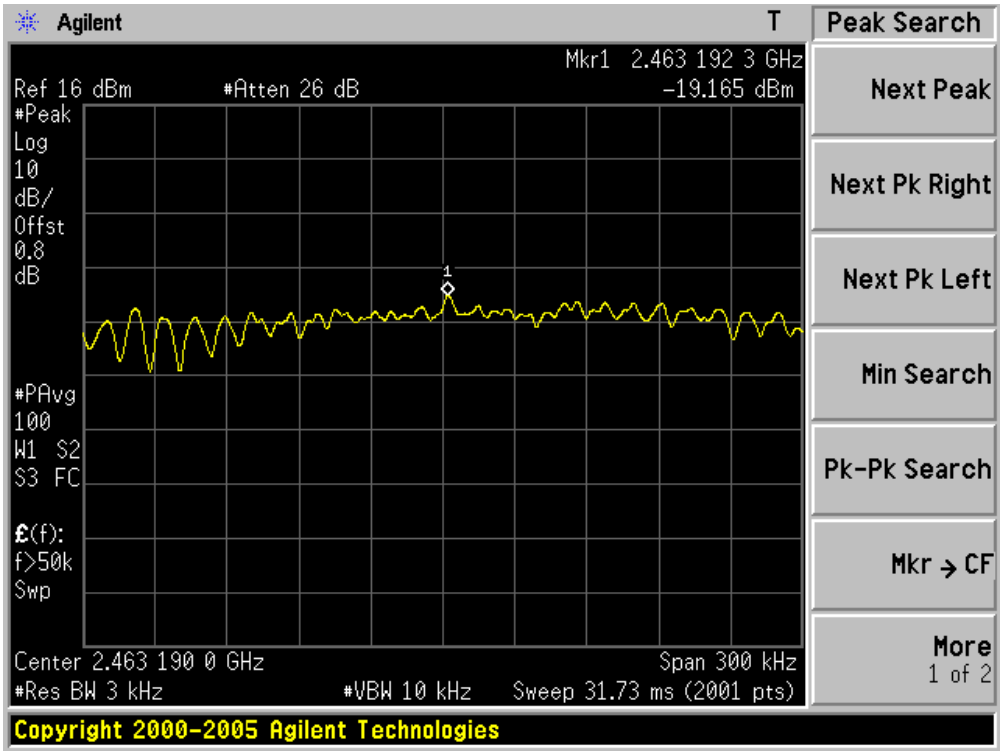
Channel 01 (2412MHz)



Channel 06 (2437MHz)



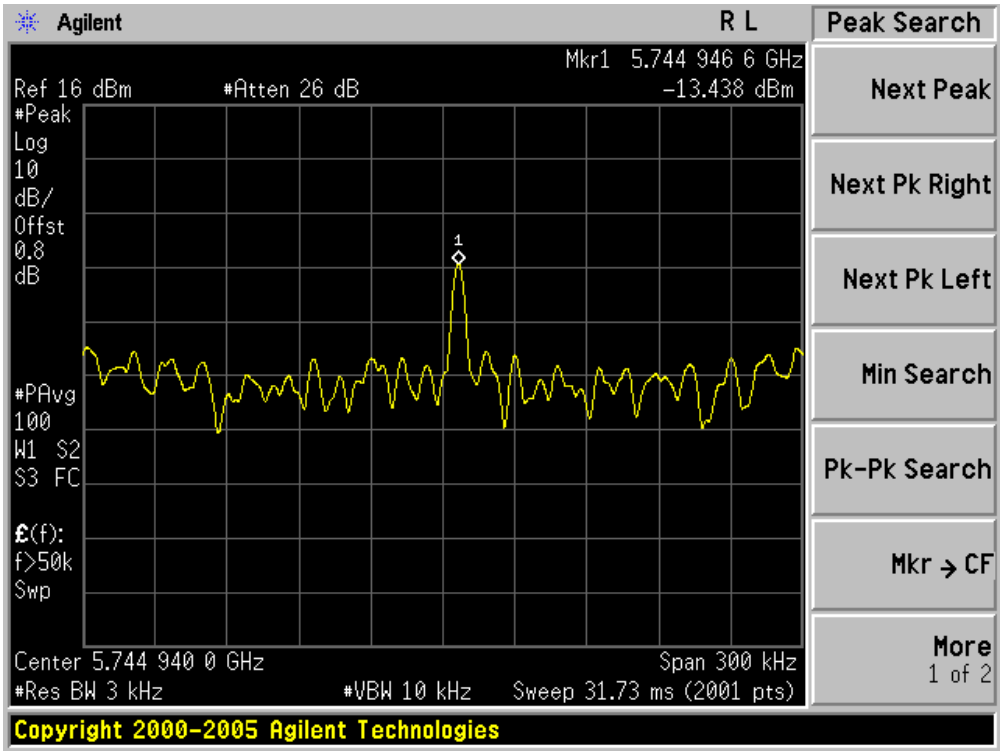
Channel 11 (2462MHz)



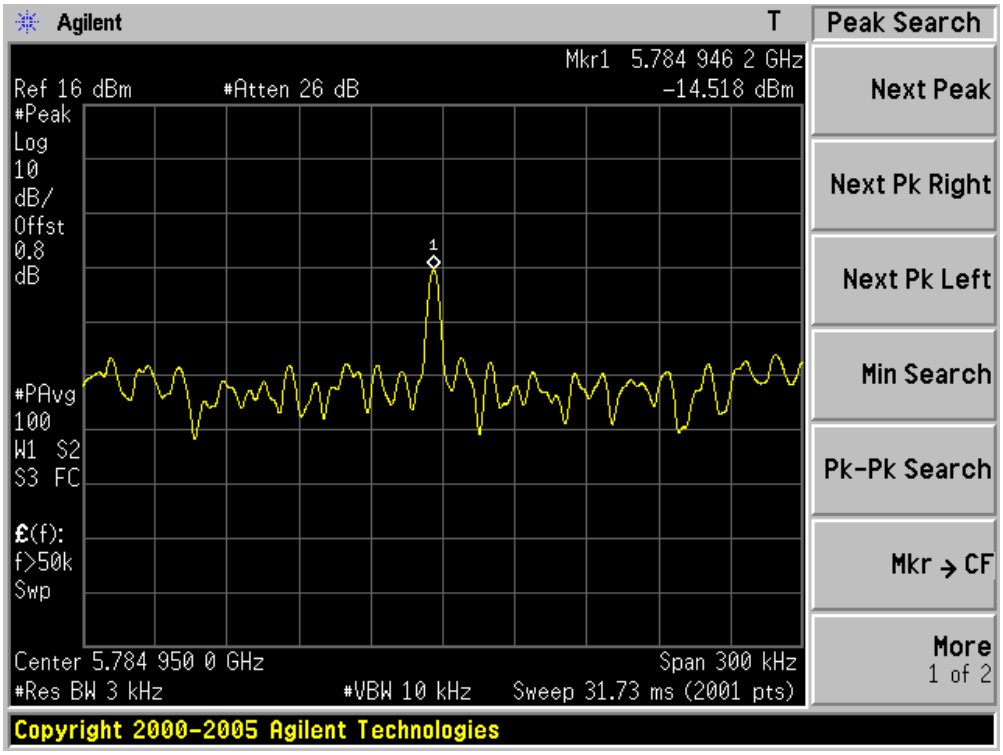
Product	:	Flip Share TV(USB Dongle)
Test Item	:	Power Spectral Density
Test Site	:	AC-6
Test Mode	:	Mode 3: Transmit by 802.11a (Chain 0)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
149	5745	-13.438	N/A	-13.438	8	Pass
157	5785	-14.518	N/A	-14.518	8	Pass
165	5825	-15.075	N/A	-15.075	8	Pass

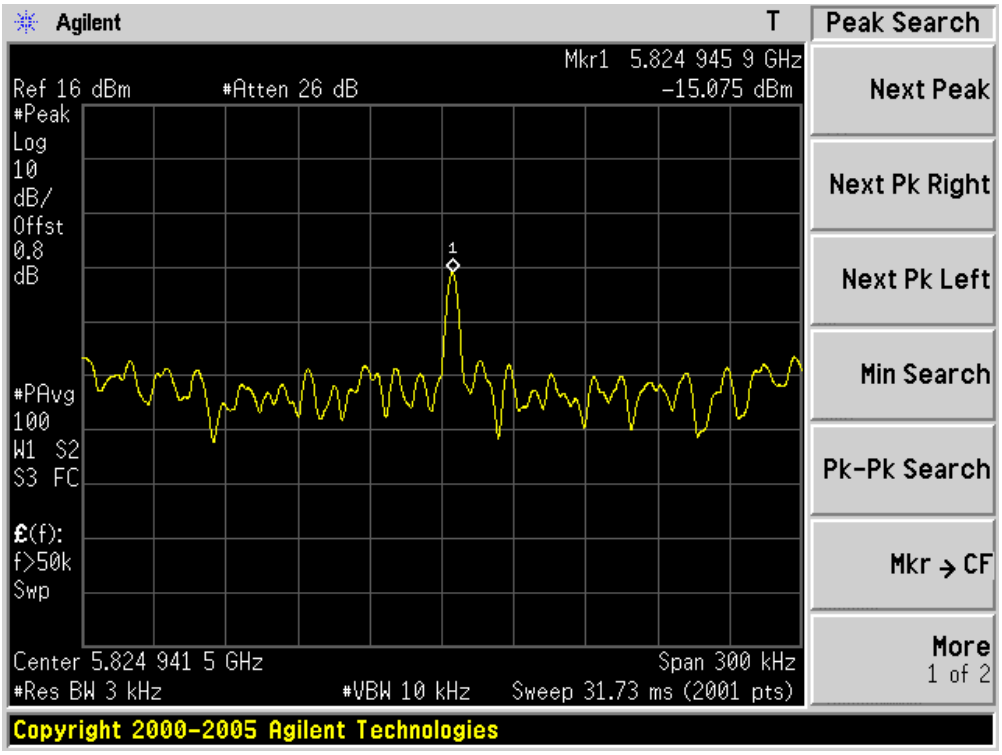
Channel 149 (5745MHz)



Channel 157 (5785MHz)



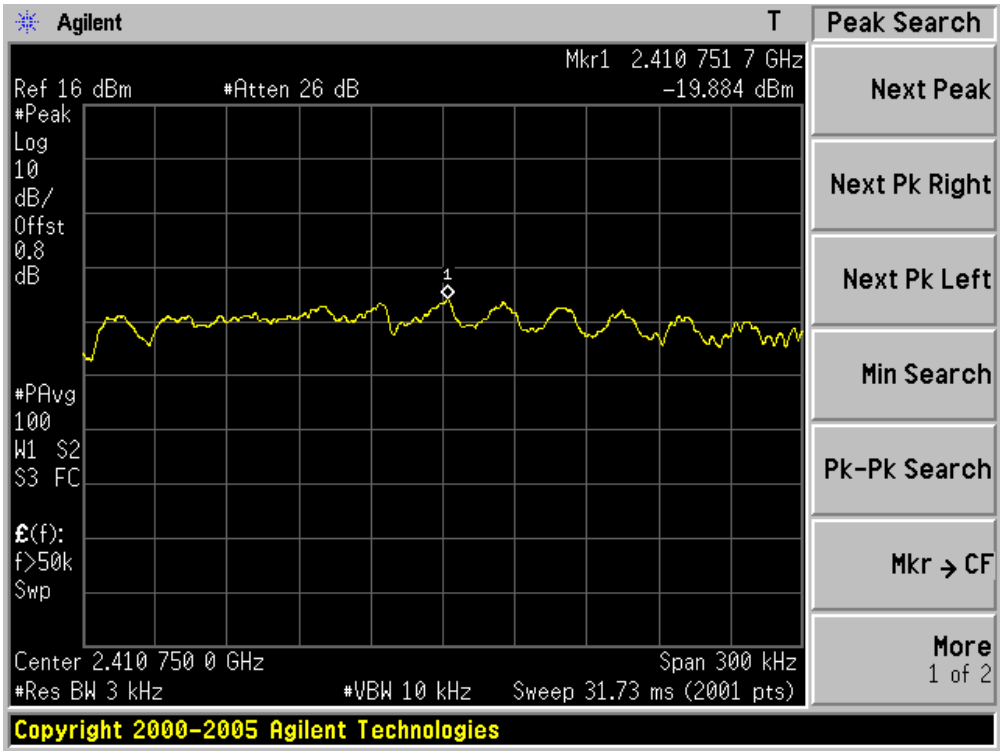
Channel 165 (5825MHz)



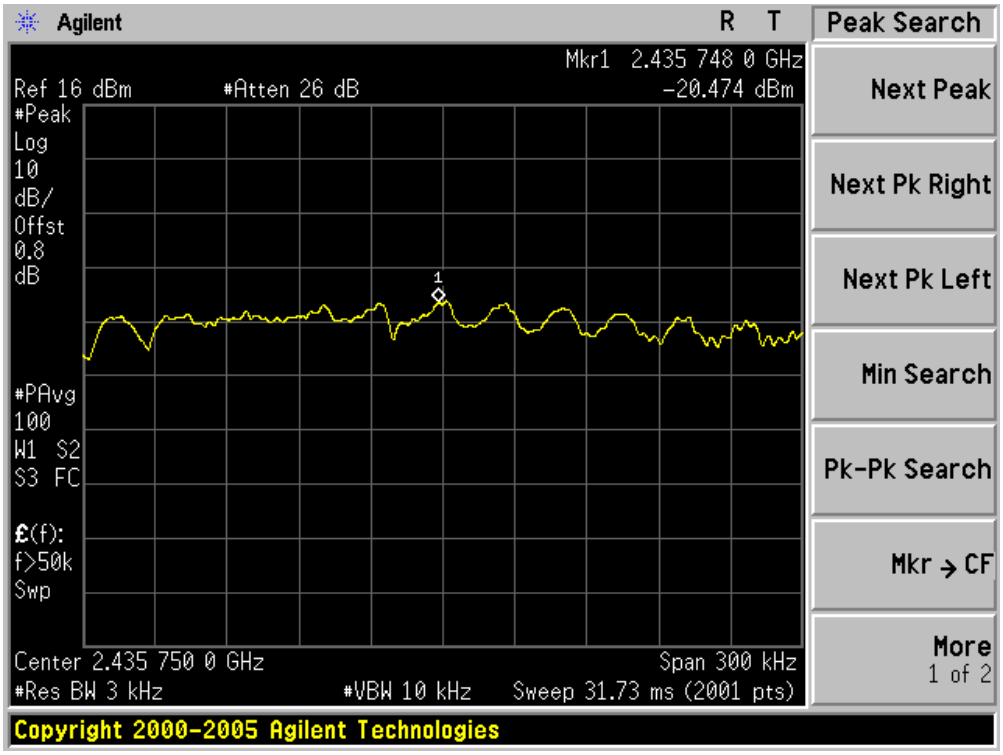
Product	:	Flip Share TV(USB Dongle)
Test Item	:	Power Spectral Density
Test Site	:	AC-6
Test Mode	:	Mode 4: Transmit by 802.11n (20MHz) (Chain 0)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
01	2412	-19.884	N/A	-19.884	8	Pass
06	2437	-20.474	N/A	-20.474	8	Pass
11	2462	-20.164	N/A	-20.164	8	Pass
149	5745	-13.691	N/A	-13.691	8	Pass
157	5785	-14.317	N/A	-14.317	8	Pass
165	5825	-14.999	N/A	-14.999	8	Pass

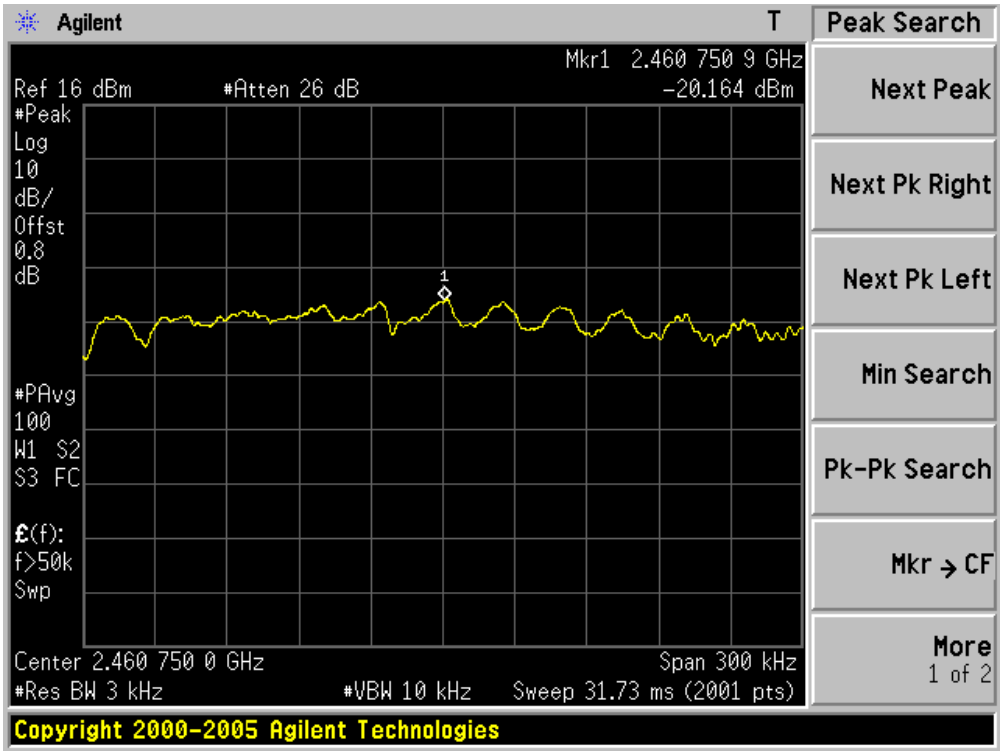
Channel 01 (2412MHz)



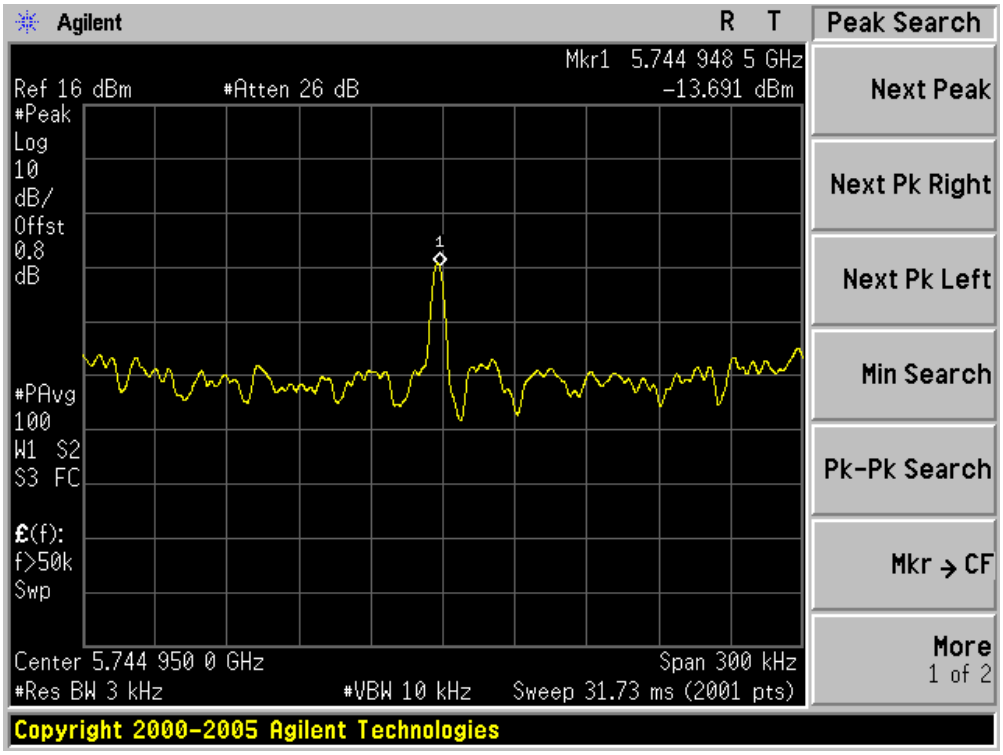
Channel 06 (2437MHz)



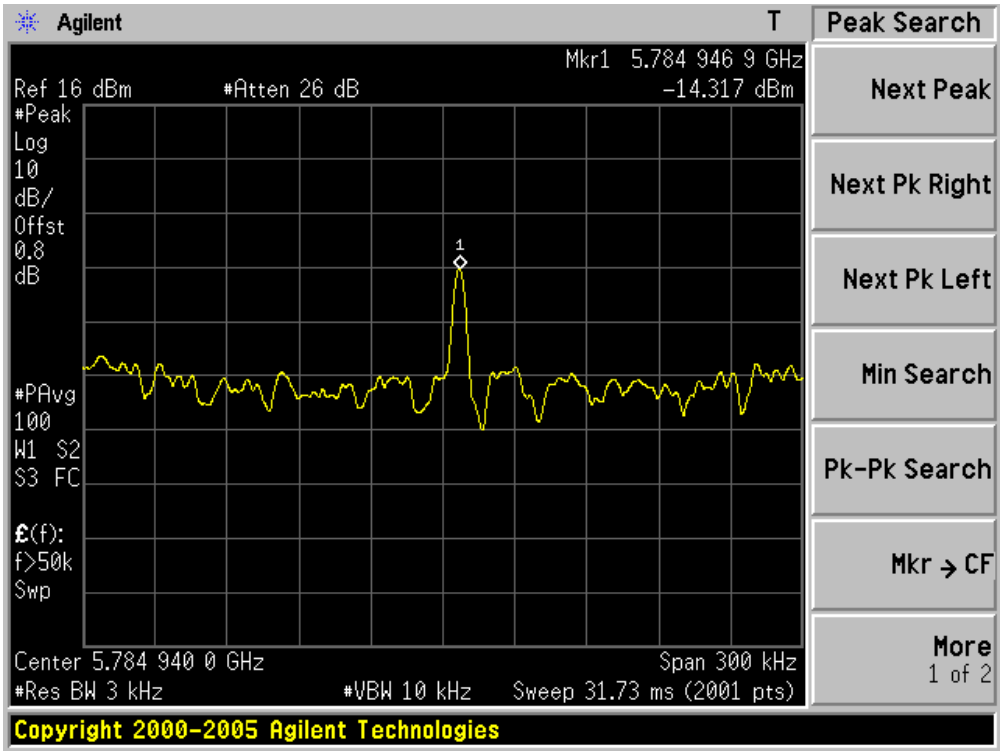
Channel 11 (2462MHz)



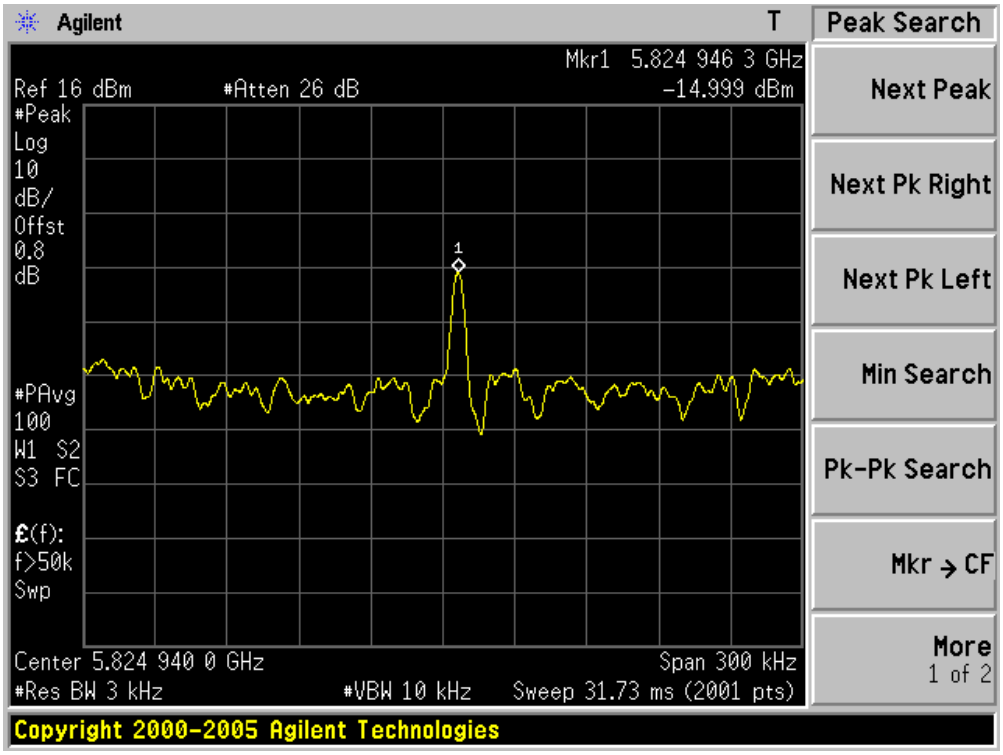
Channel 149 (5745MHz)



Channel 157 (5785MHz)



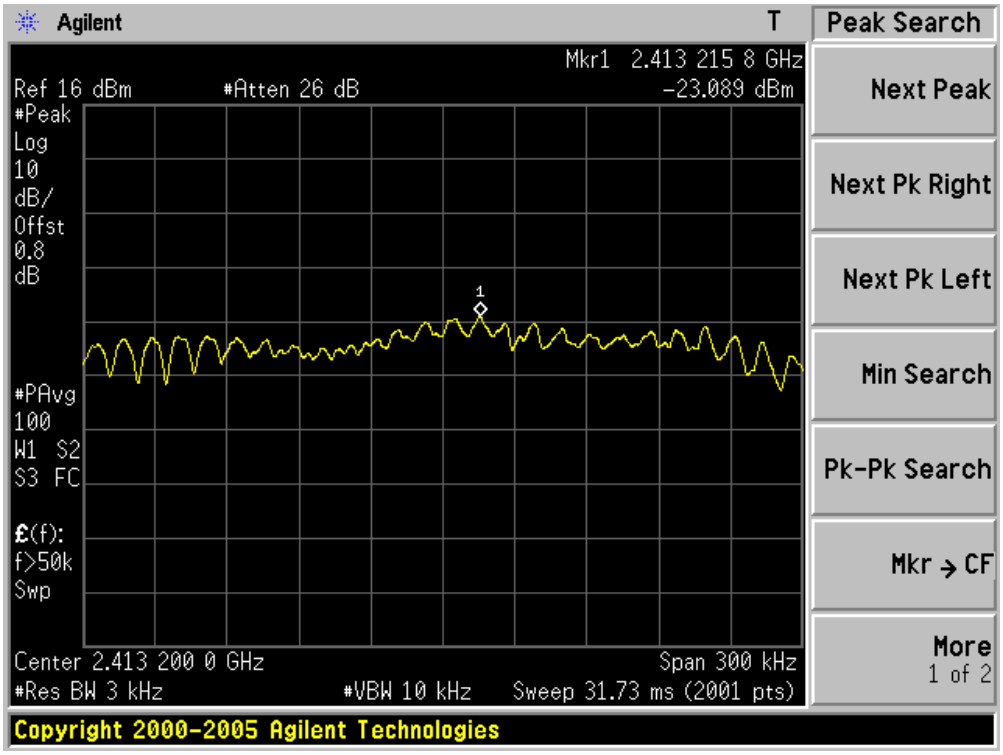
Channel 165 (5825MHz)



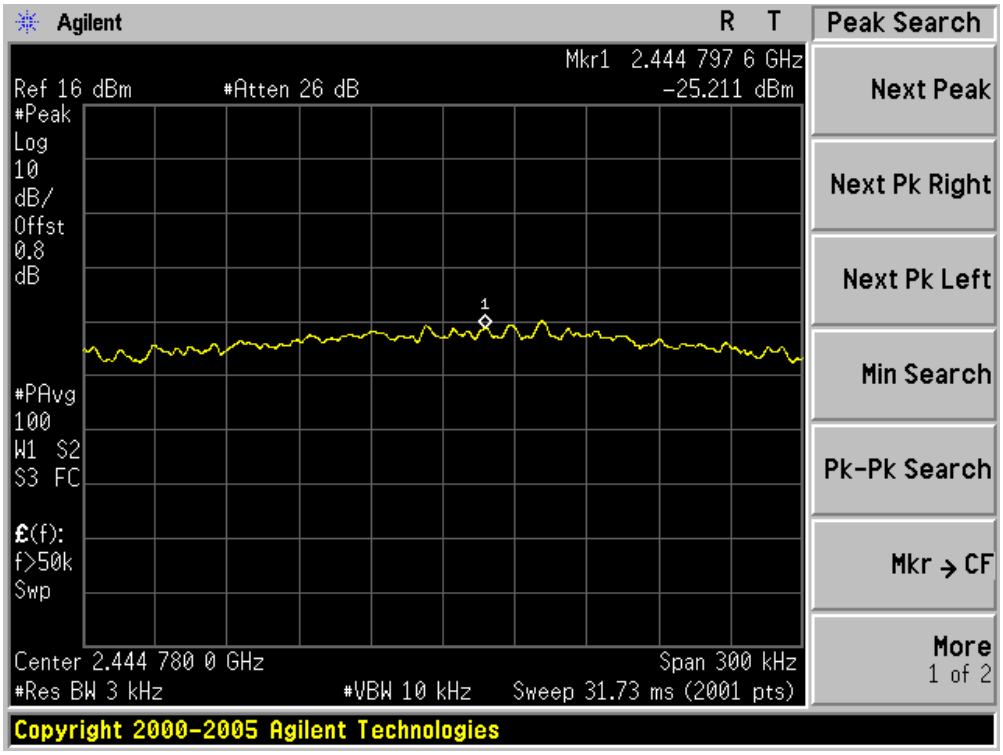
Product	:	Flip Share TV(USB Dongle)
Test Item	:	Power Spectral Density
Test Site	:	AC-6
Test Mode	:	Mode 5: Transmit by 802.11n (40MHz) (Chain 0)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
03	2422	-23.089	N/A	-23.089	8	Pass
06	2437	-25.211	N/A	-25.211	8	Pass
09	2452	-17.533	N/A	-17.533	8	Pass
151	5755	-13.971	N/A	-13.971	8	Pass
159	5795	-15.403	N/A	-15.403	8	Pass

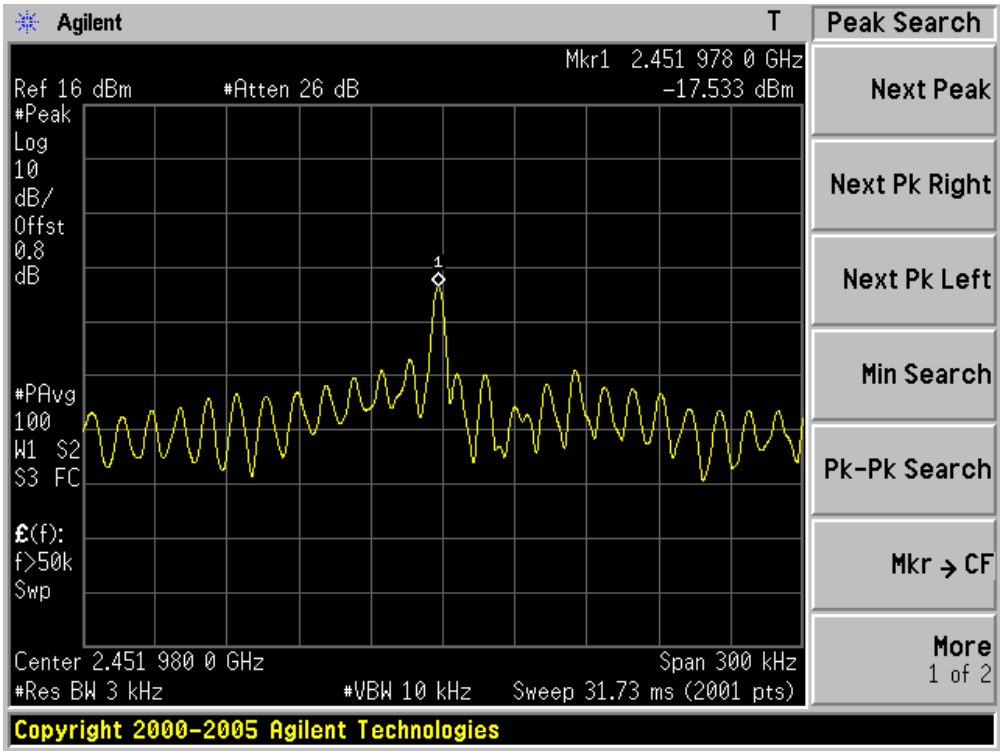
Channel 03 (2422MHz)



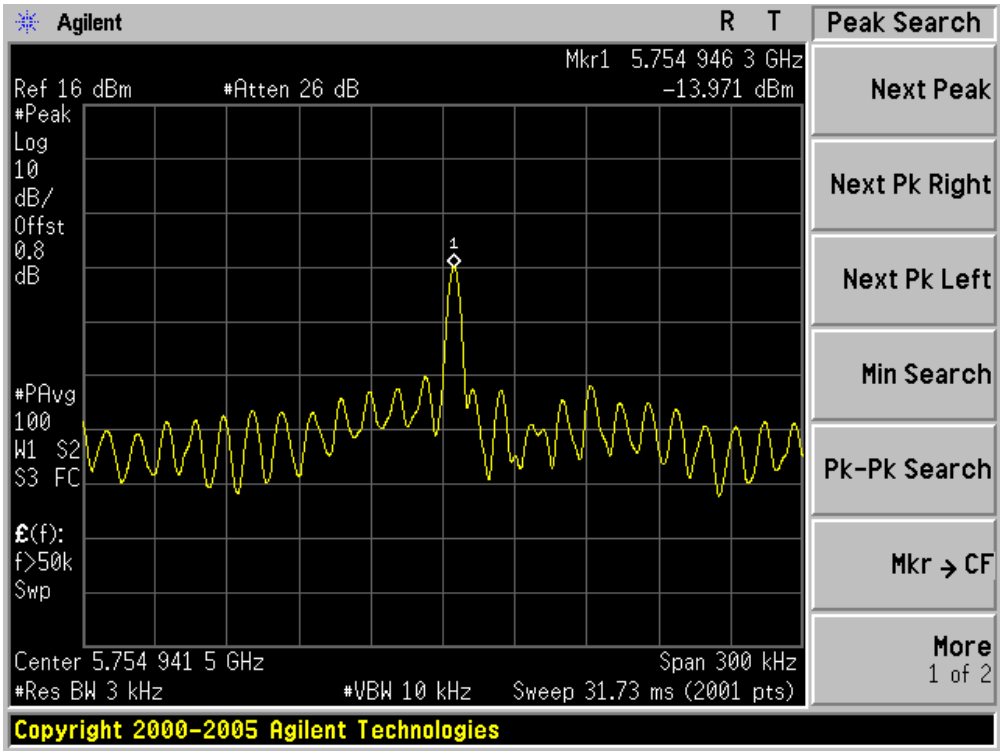
Channel 06 (2437MHz)



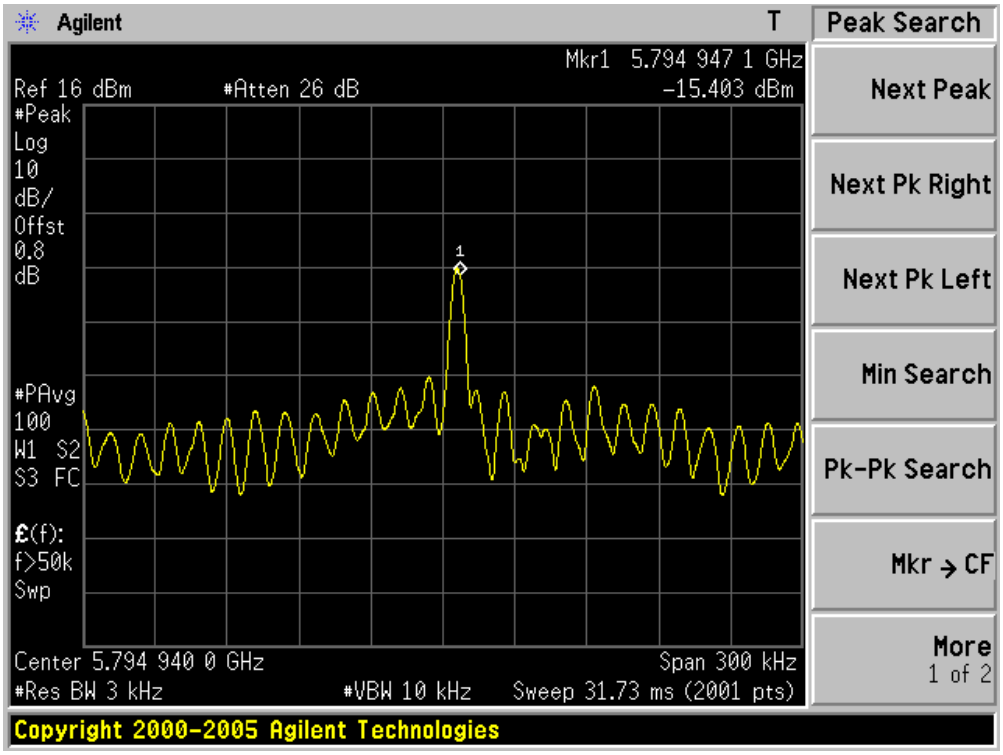
Channel 09 (2452MHz)



Channel 151 (5755MHz)



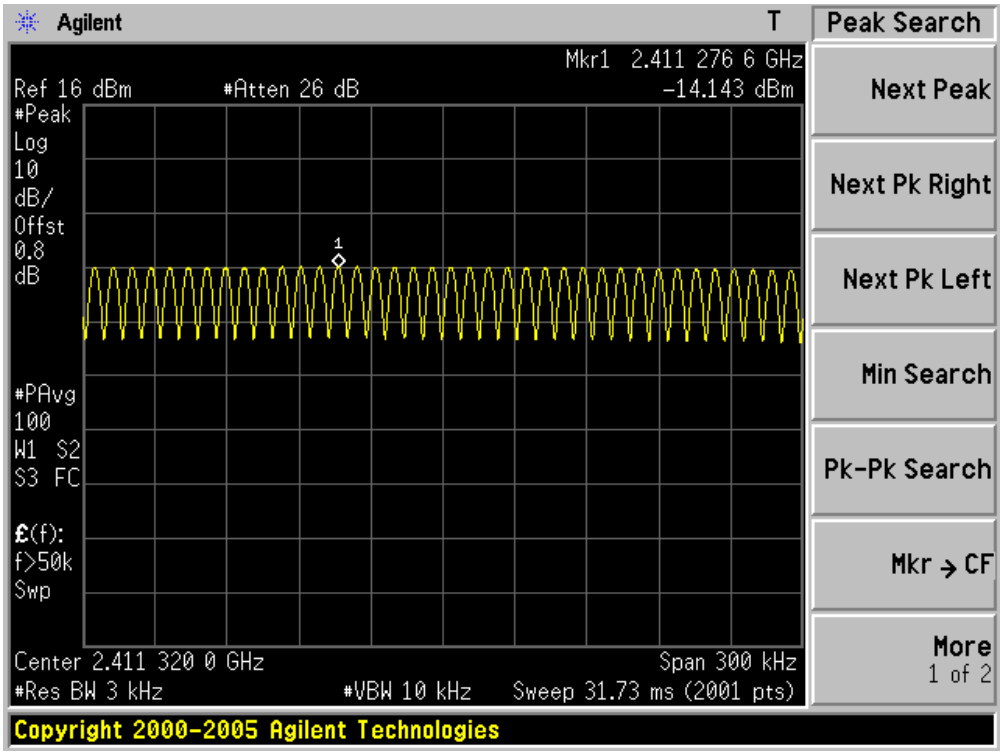
Channel 159 (5795MHz)



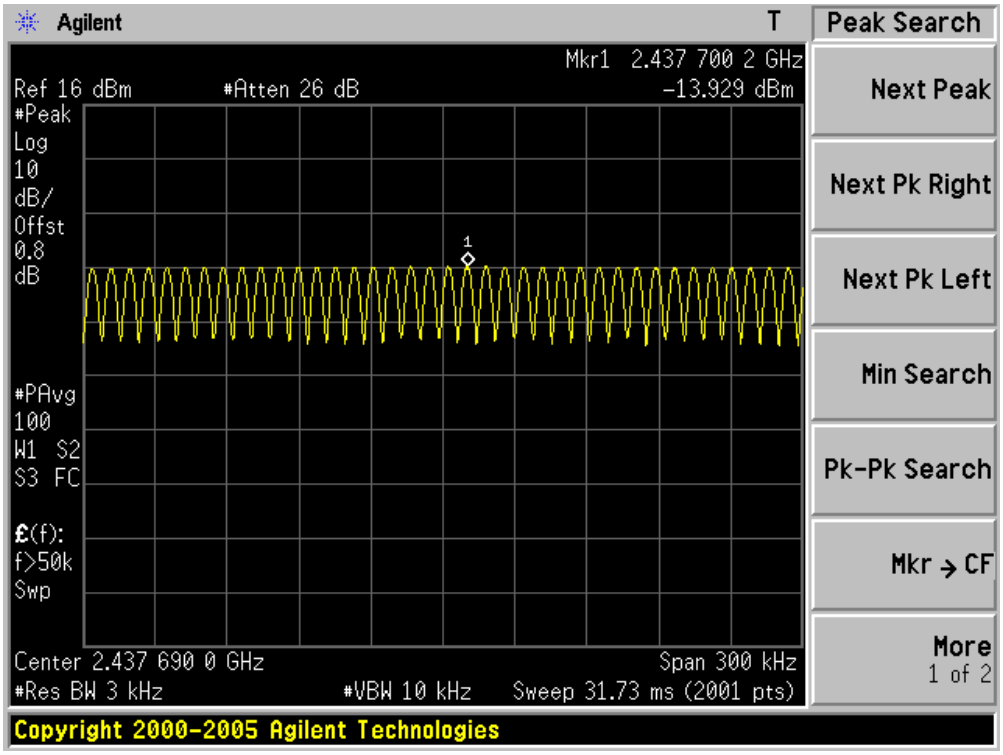
Product	:	Flip Share TV(USB Dongle)
Test Item	:	Power Spectral Density
Test Site	:	AC-6
Test Mode	:	Mode 1: Transmit by 802.11b (Chain 1)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
01	2412	N/A	-14.143	-14.143	8	Pass
06	2437	N/A	-13.929	-13.929	8	Pass
11	2462	N/A	-14.587	-14.587	8	Pass

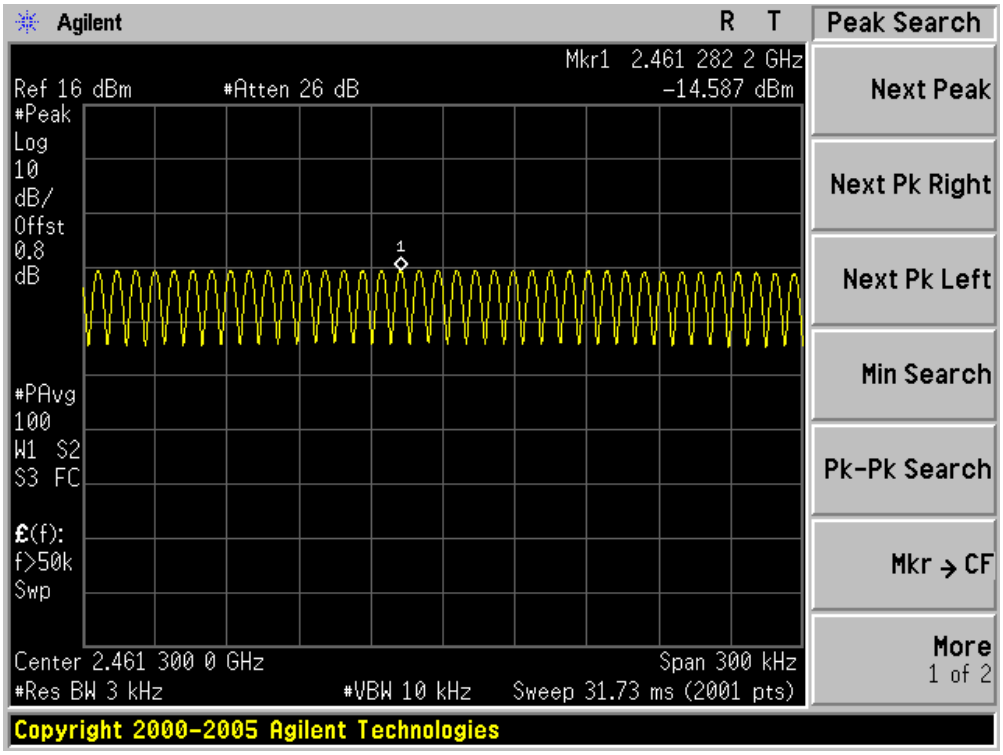
Channel 01 (2412MHz)



Channel 06 (2437MHz)



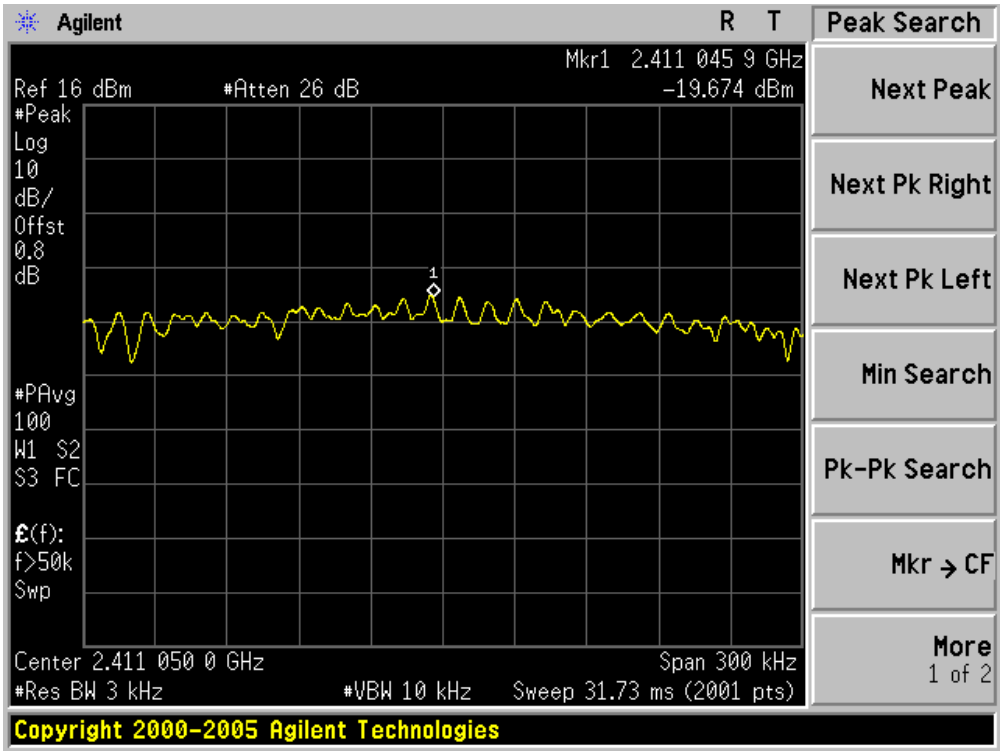
Channel 11 (2462MHz)



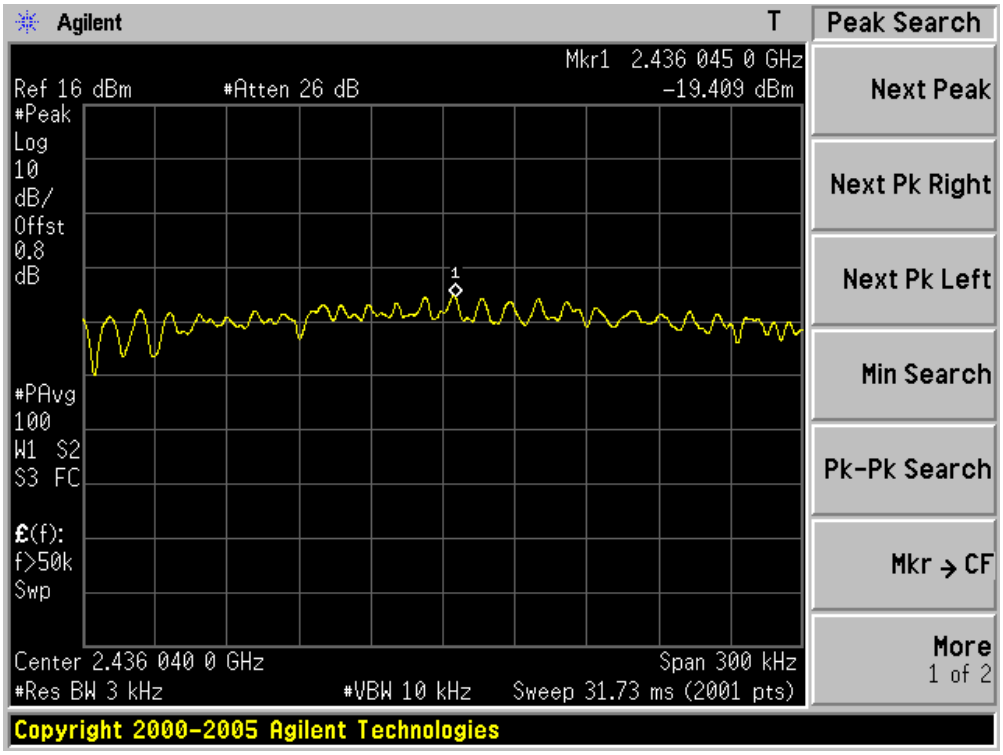
Product	:	Flip Share TV(USB Dongle)
Test Item	:	Power Spectral Density
Test Site	:	AC-6
Test Mode	:	Mode 2: Transmit by 802.11g (Chain 1)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
01	2412	N/A	-19.674	-19.674	8	Pass
06	2437	N/A	-19.409	-19.409	8	Pass
11	2462	N/A	-21.671	-21.671	8	Pass

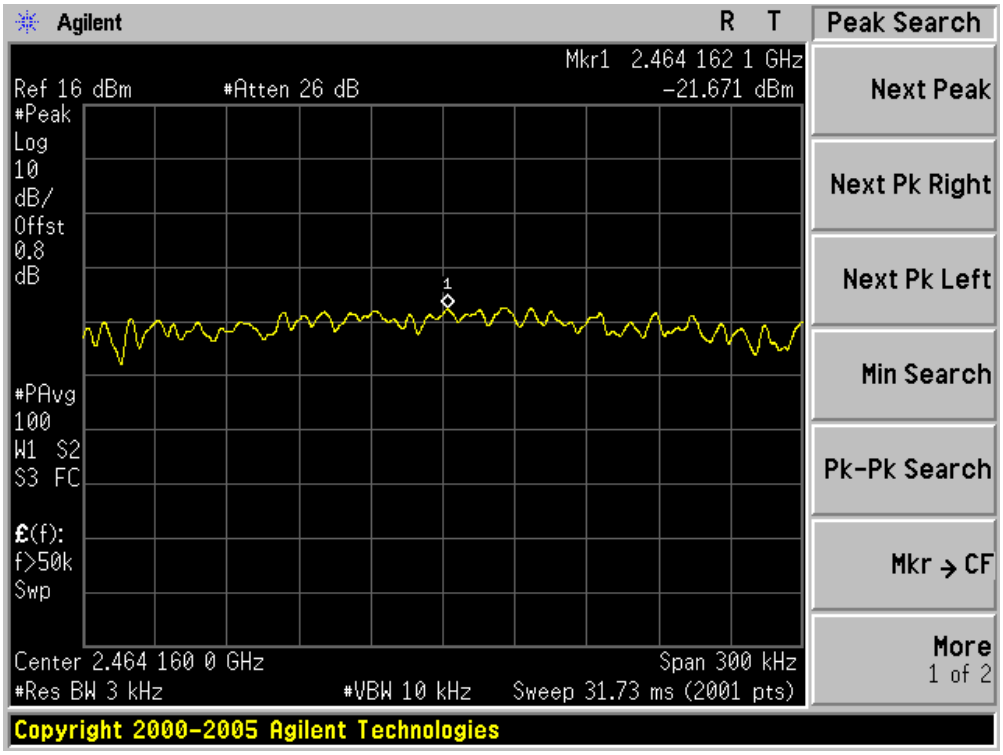
Channel 01 (2412MHz)



Channel 06 (2437MHz)



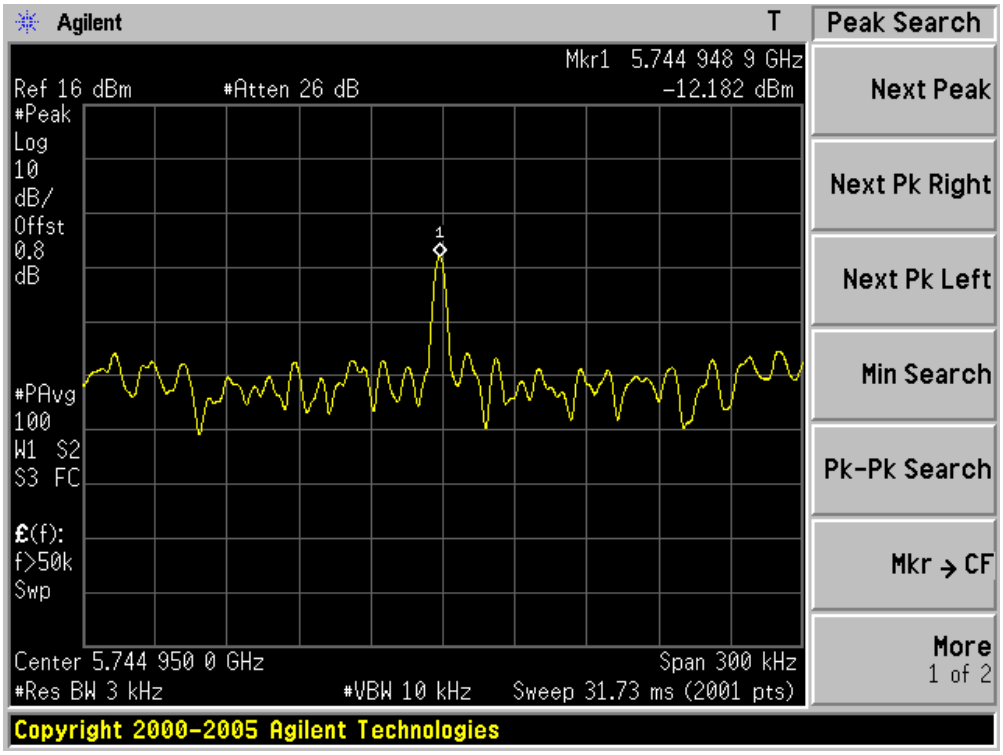
Channel 11 (2462MHz)



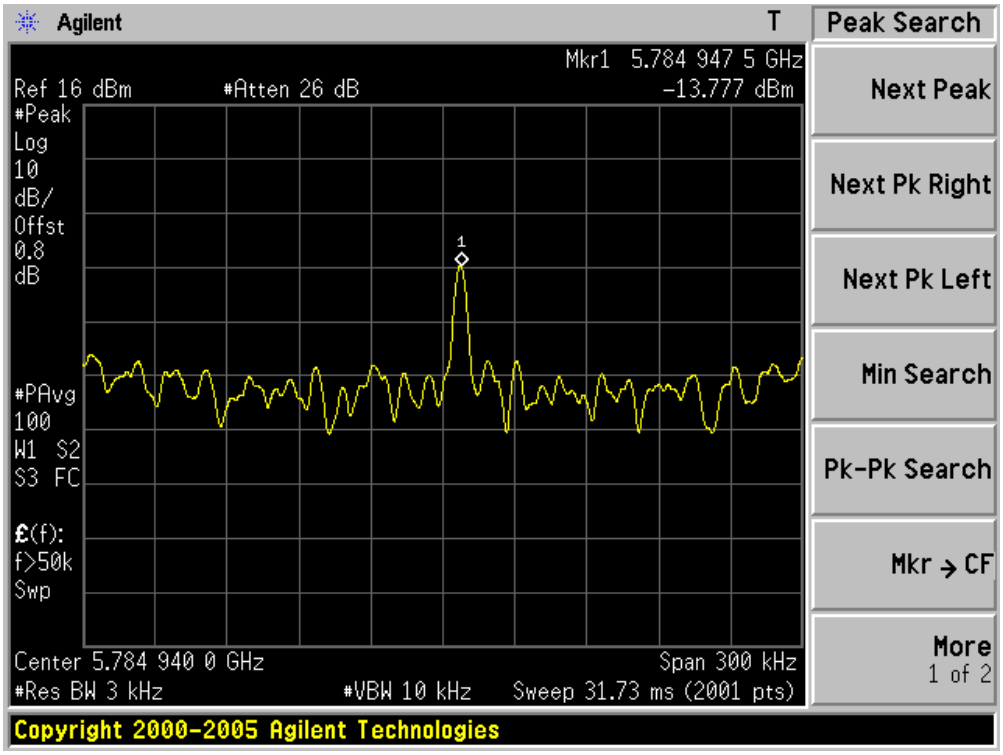
Product	:	Flip Share TV(USB Dongle)
Test Item	:	Power Spectral Density
Test Site	:	AC-6
Test Mode	:	Mode 3: Transmit by 802.11a (Chain 1)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
149	5745	N/A	-12.182	-12.182	8	Pass
157	5785	N/A	-13.777	-13.777	8	Pass
165	5825	N/A	-14.665	-14.665	8	Pass

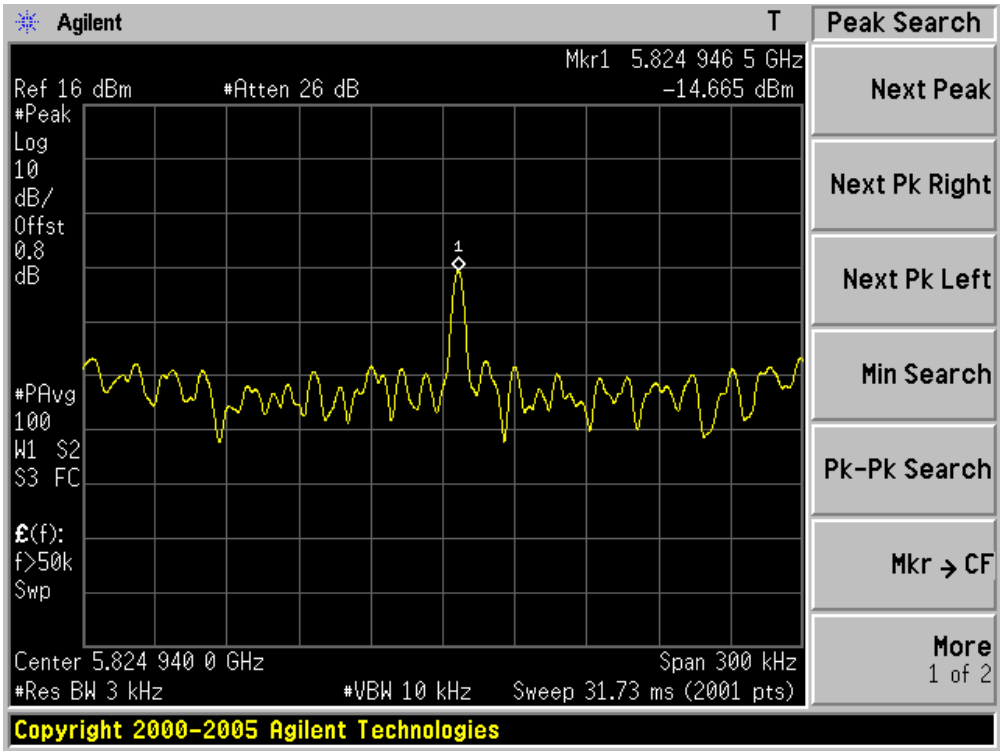
Channel 149 (5745MHz)



Channel 157 (5785MHz)



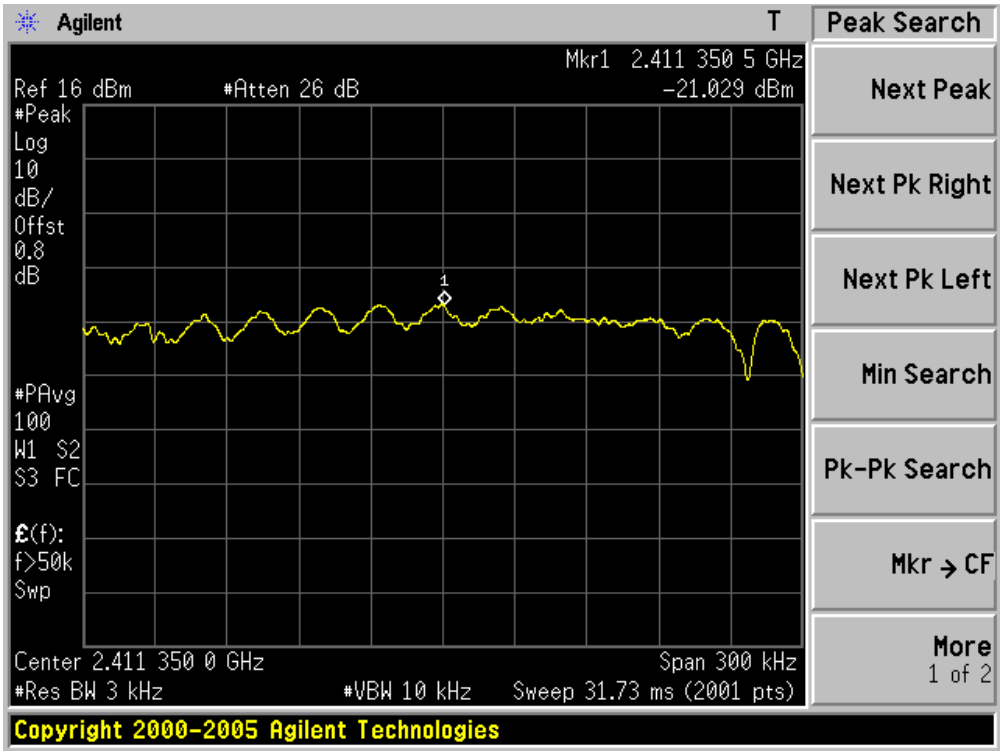
Channel 165 (5825MHz)



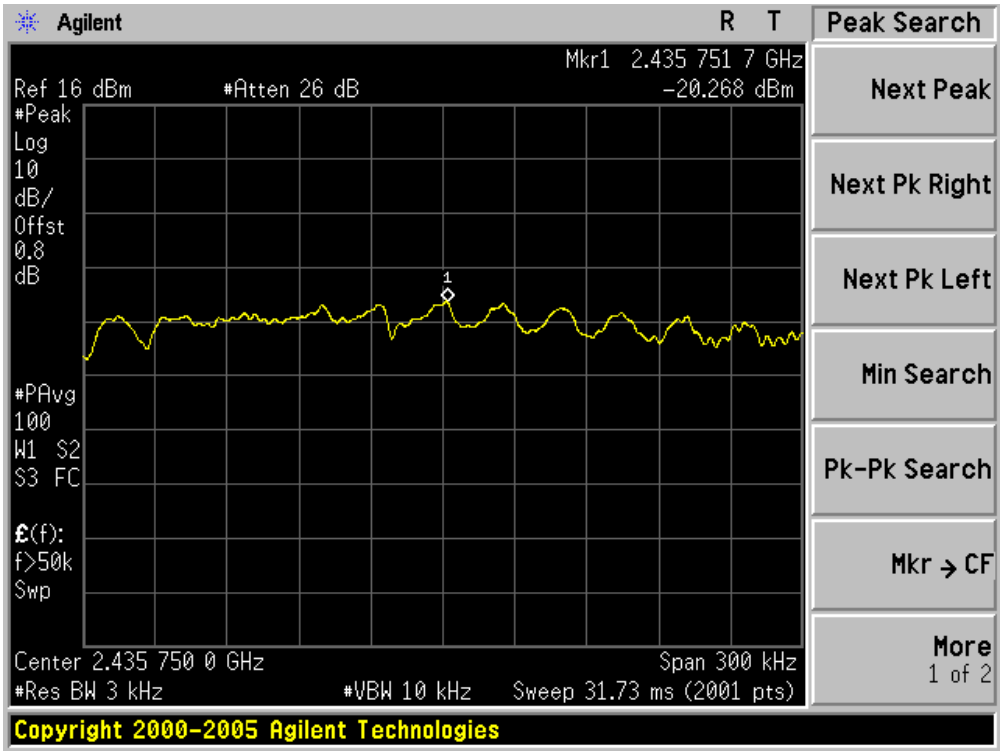
Product	:	Flip Share TV(USB Dongle)
Test Item	:	Power Spectral Density
Test Site	:	AC-6
Test Mode	:	Mode 4: Transmit by 802.11n (20MHz) (Chain 1)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
01	2412	N/A	-21.029	-21.029	8	Pass
06	2437	N/A	-20.268	-20.268	8	Pass
11	2462	N/A	-22.272	-22.272	8	Pass
149	5745	N/A	-12.469	-12.469	8	Pass
157	5785	N/A	-14.085	-14.085	8	Pass
165	5825	N/A	-14.849	-14.849	8	Pass

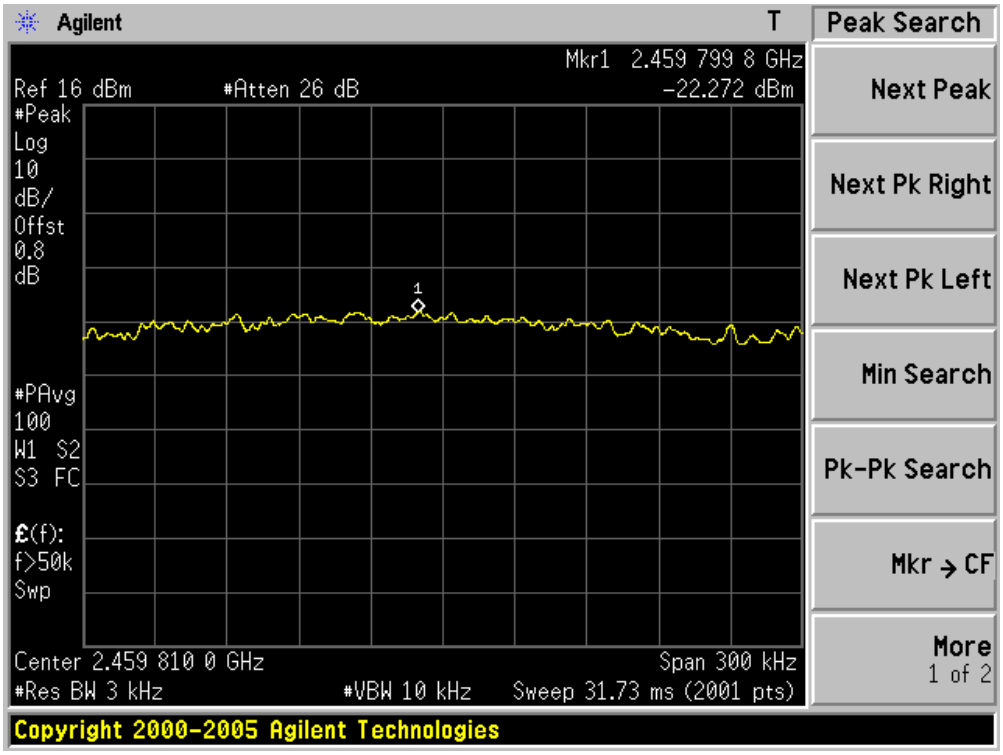
Channel 01 (2412MHz)



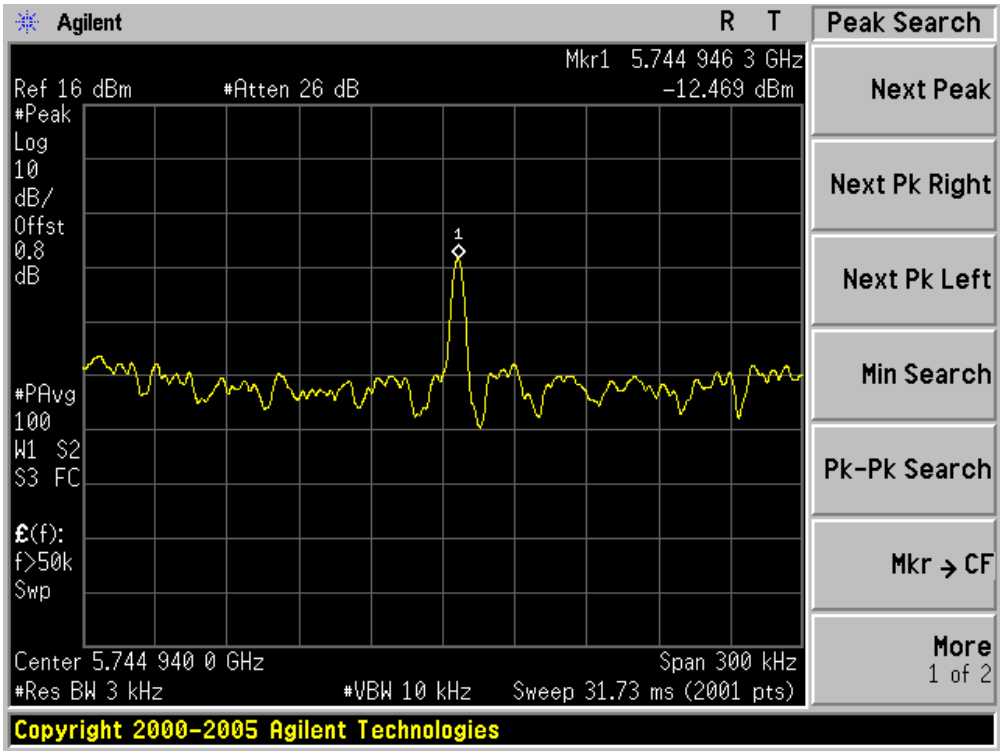
Channel 06 (2437MHz)



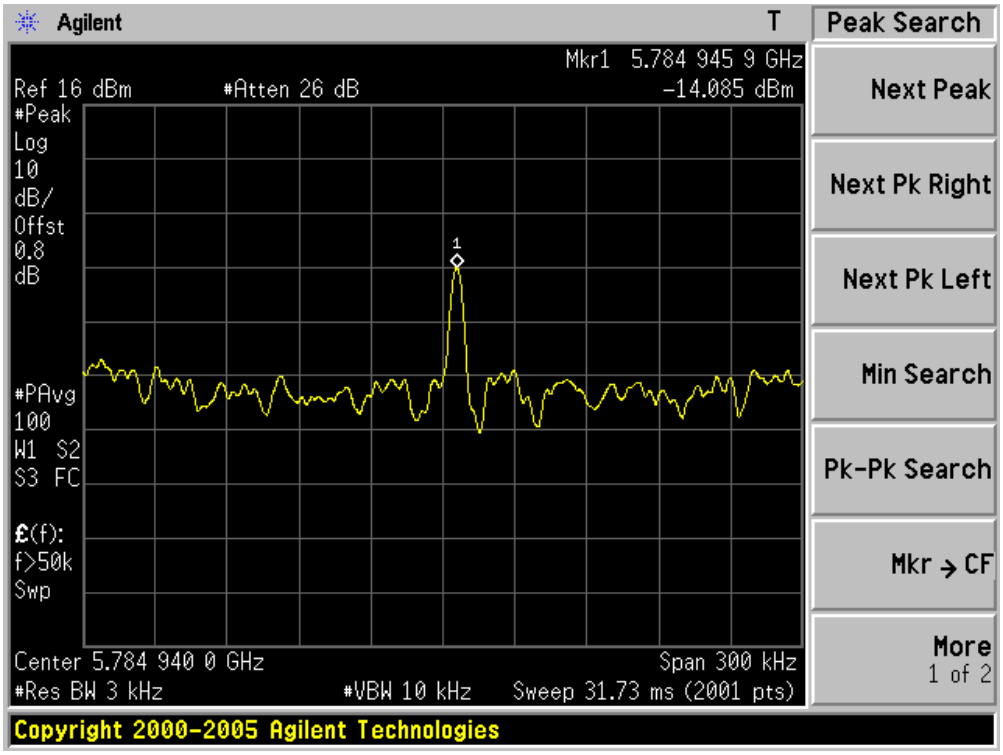
Channel 11 (2462MHz)



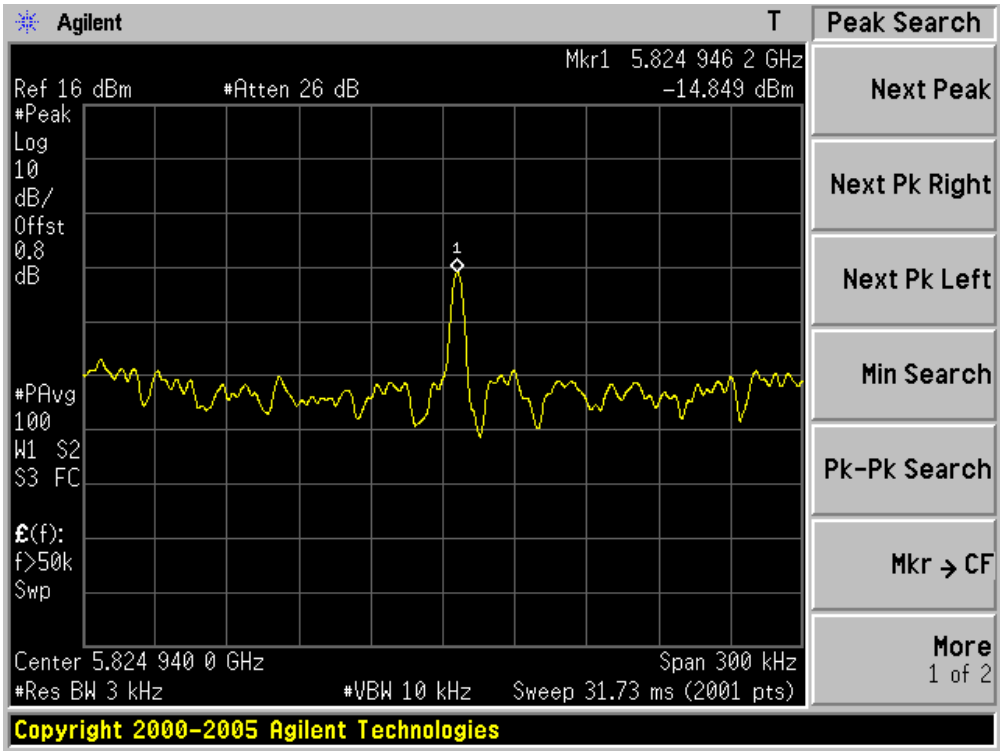
Channel 149 (5745MHz)



Channel 157 (5785MHz)



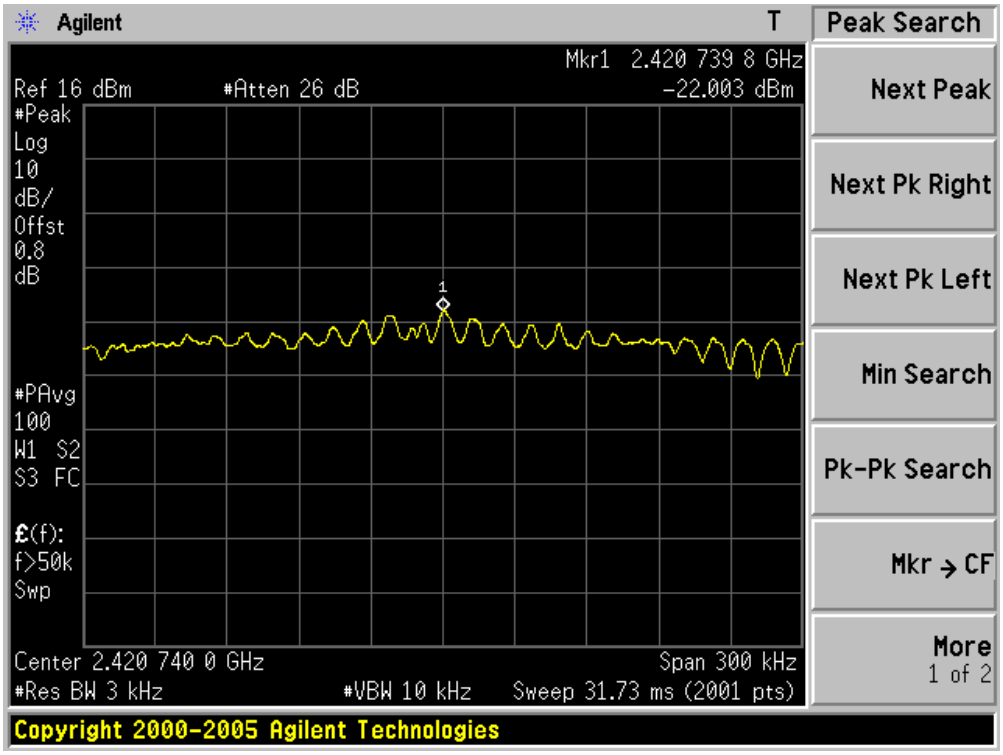
Channel 165 (5825MHz)



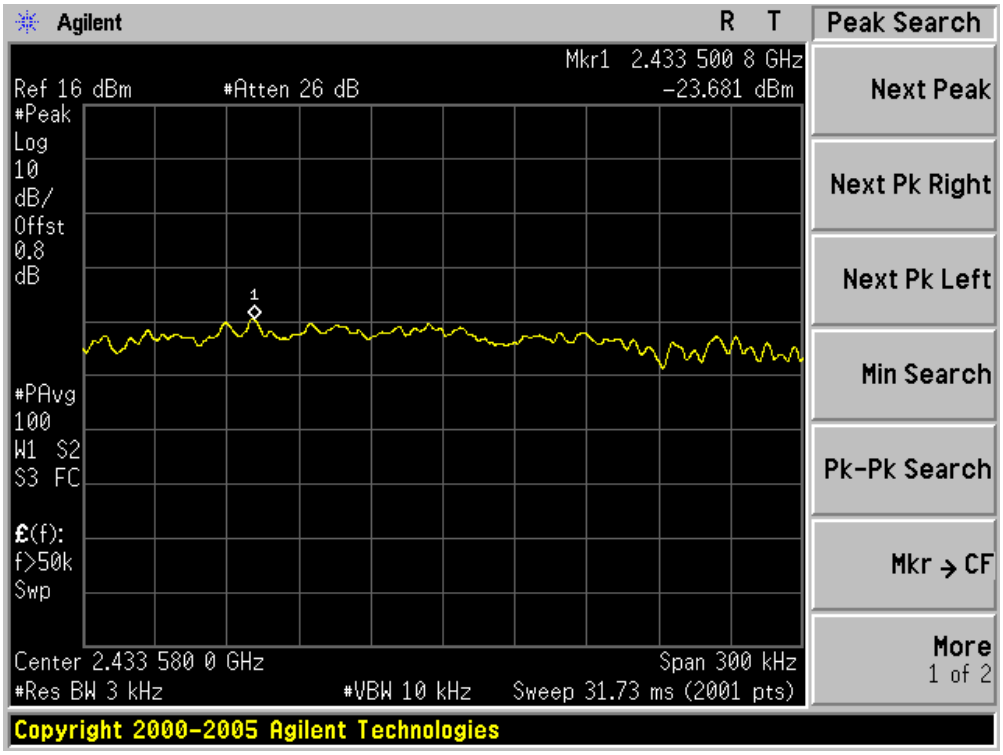
Product	:	Flip Share TV(USB Dongle)
Test Item	:	Power Spectral Density
Test Site	:	AC-6
Test Mode	:	Mode 5: Transmit by 802.11n (40MHz) (Chain 1)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
03	2422	N/A	-22.003	-22.003	8	Pass
06	2437	N/A	-23.681	-23.681	8	Pass
09	2452	N/A	-22.495	-22.495	8	Pass
151	5755	N/A	-12.967	-12.967	8	Pass
159	5795	N/A	-13.943	-13.943	8	Pass

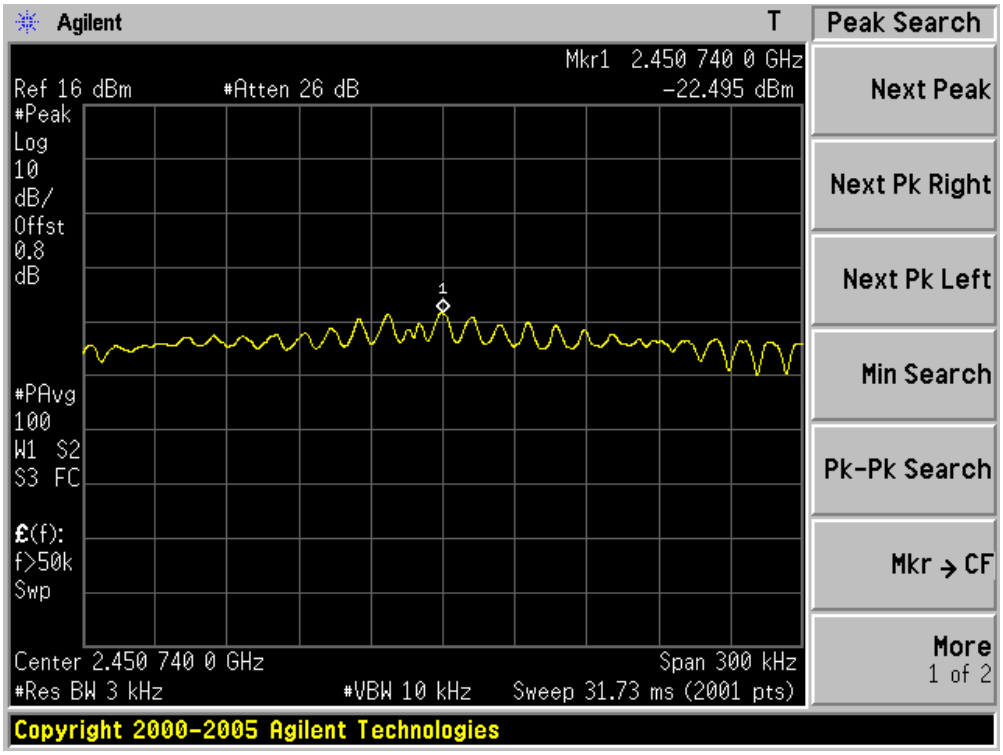
Channel 03 (2422MHz)



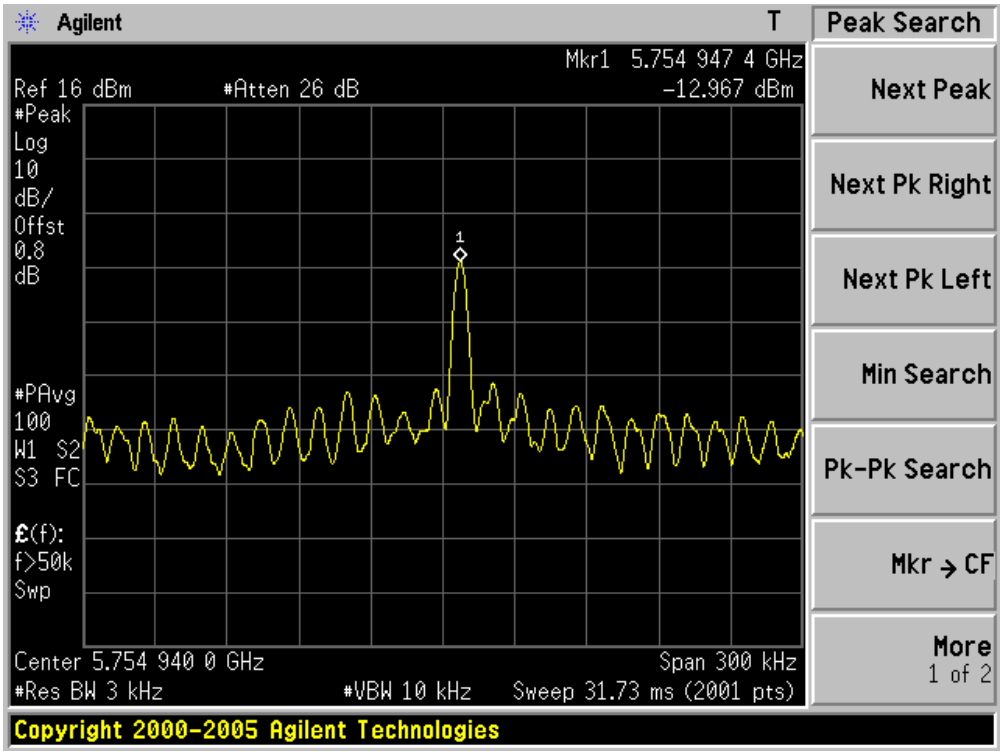
Channel 06 (2437MHz)



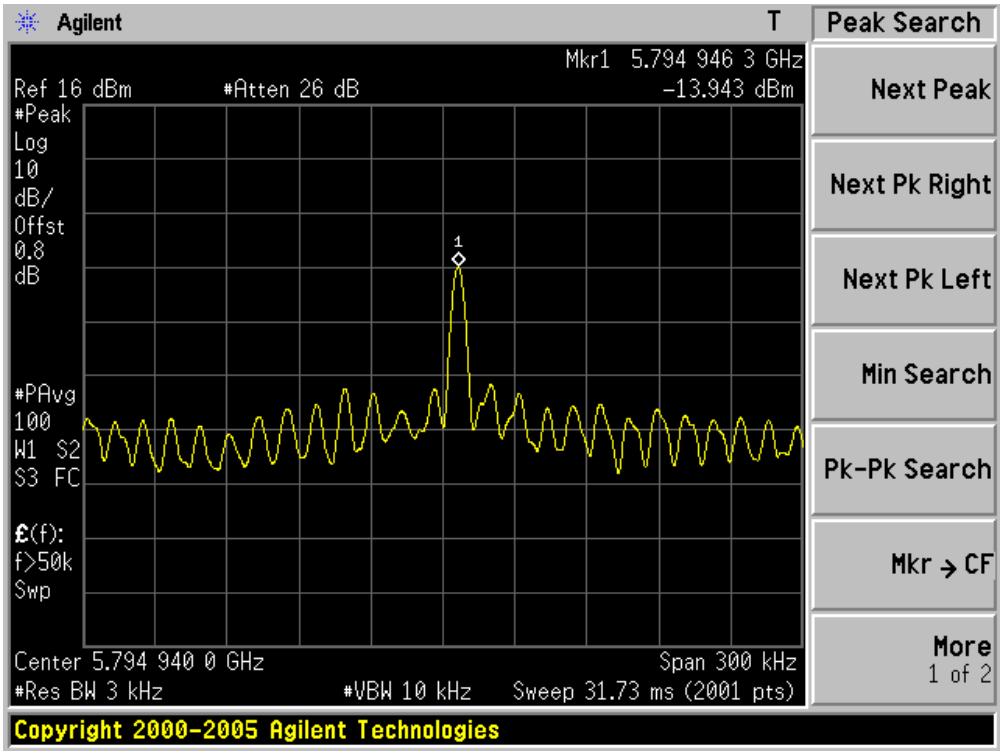
Channel 09 (2452MHz)



Channel 151 (5755MHz)



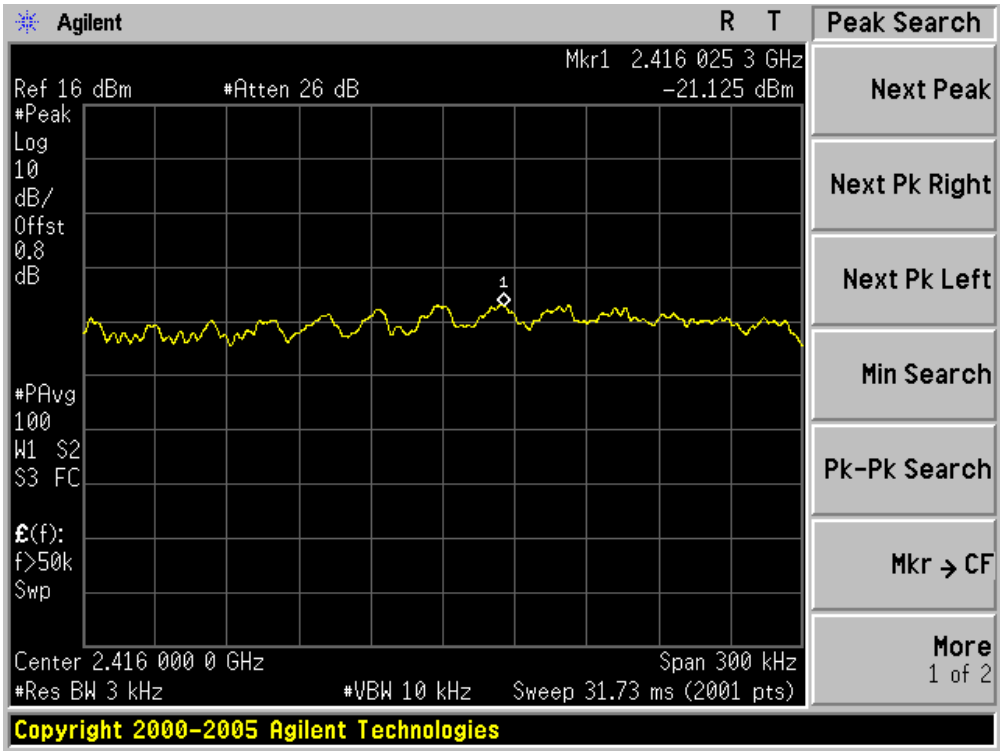
Channel 159 (5795MHz)



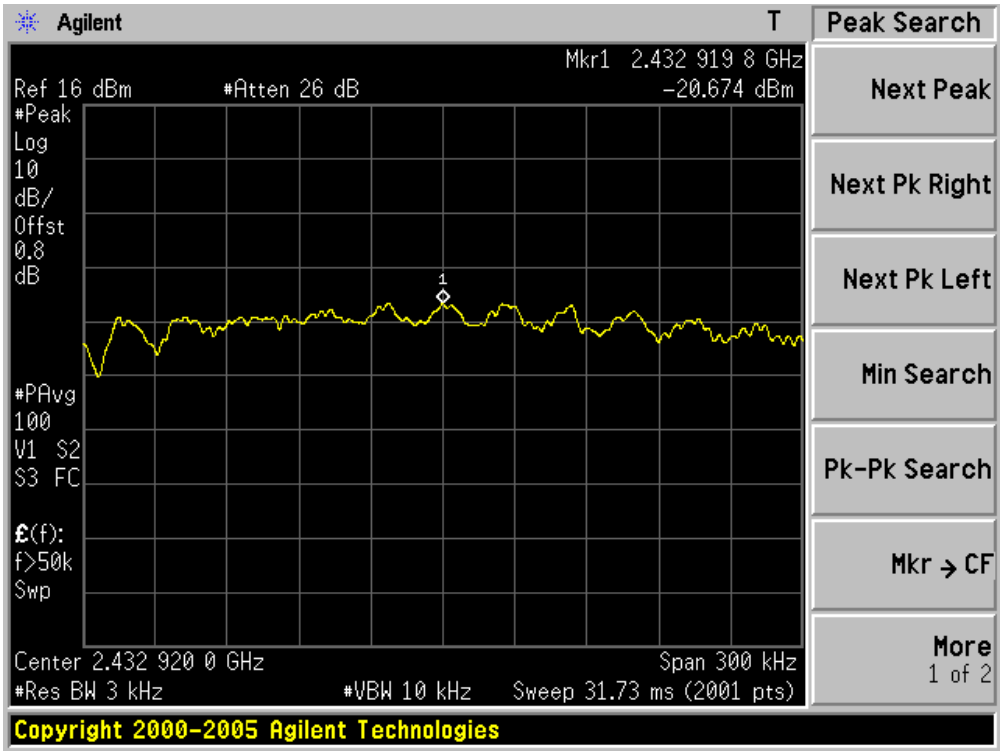
Product	:	Flip Share TV(USB Dongle)
Test Item	:	Power Spectral Density
Test Site	:	AC-6
Test Mode	:	Mode 4: Transmit by 802.11n (20MHz) (Chain 0+1)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
01	2412	-21.125	-20.285	-17.674	8	Pass
06	2437	-20.674	-21.401	-18.012	8	Pass
11	2462	-21.102	-21.375	-18.226	8	Pass
149	5745	-13.684	-13.176	-10.412	8	Pass
157	5785	-15.208	-13.763	-11.415	8	Pass
165	5825	-15.883	-15.118	-12.473	8	Pass

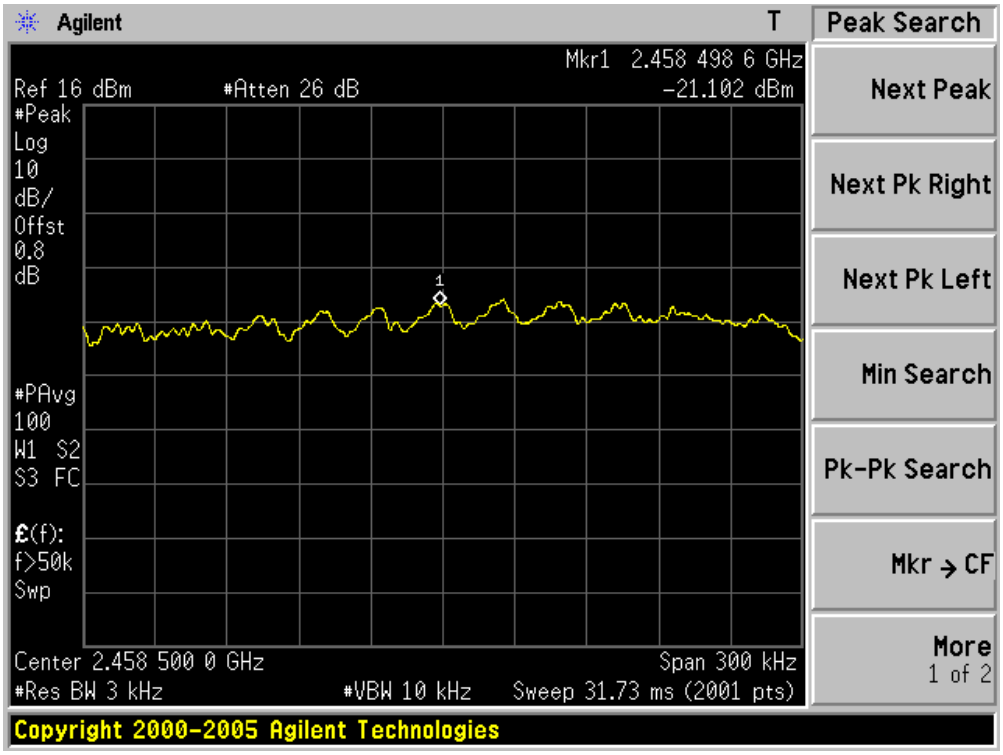
Channel 01 (2412MHz) – Chain 0



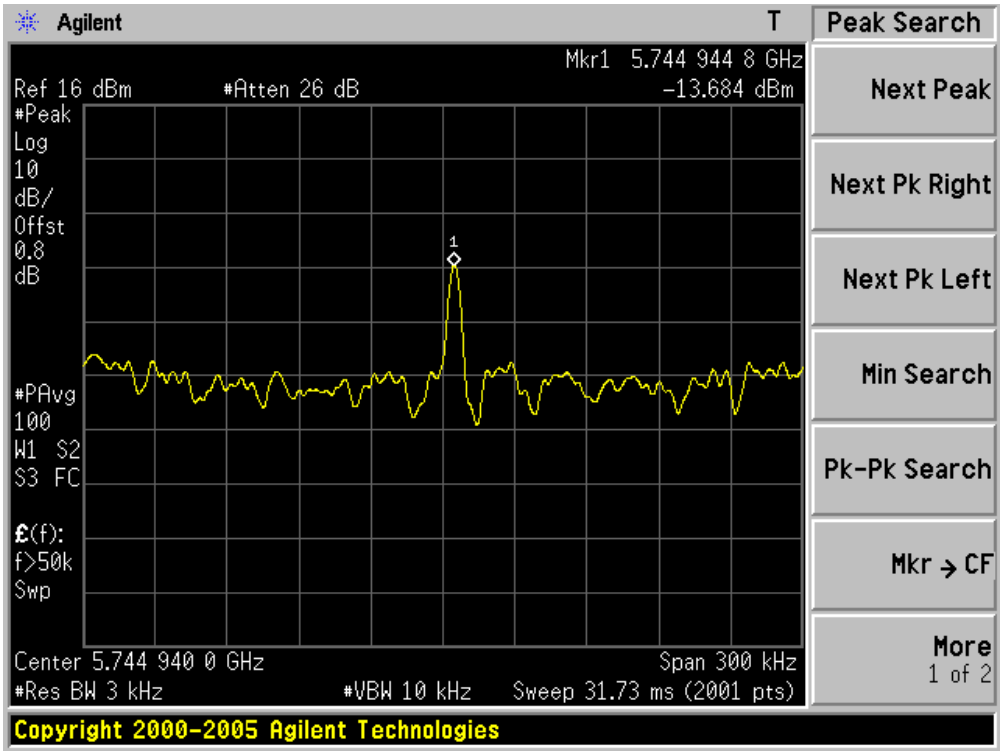
Channel 06 (2437MHz) – Chain 0



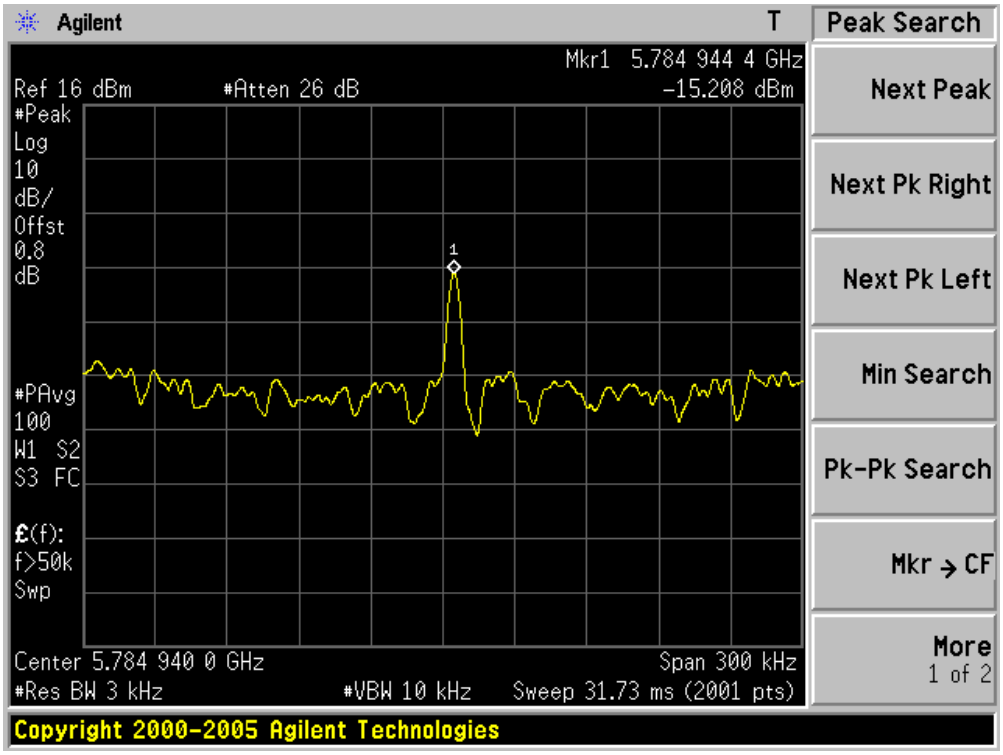
Channel 11 (2462MHz) – Chain 0



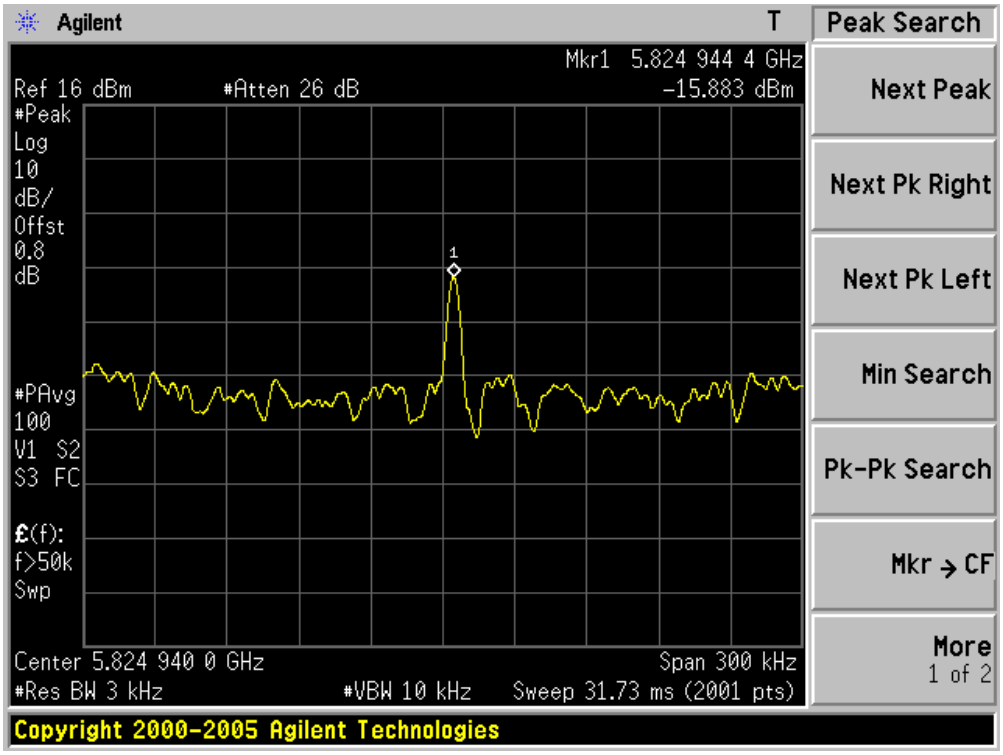
Channel 149 (5745MHz) – Chain 0



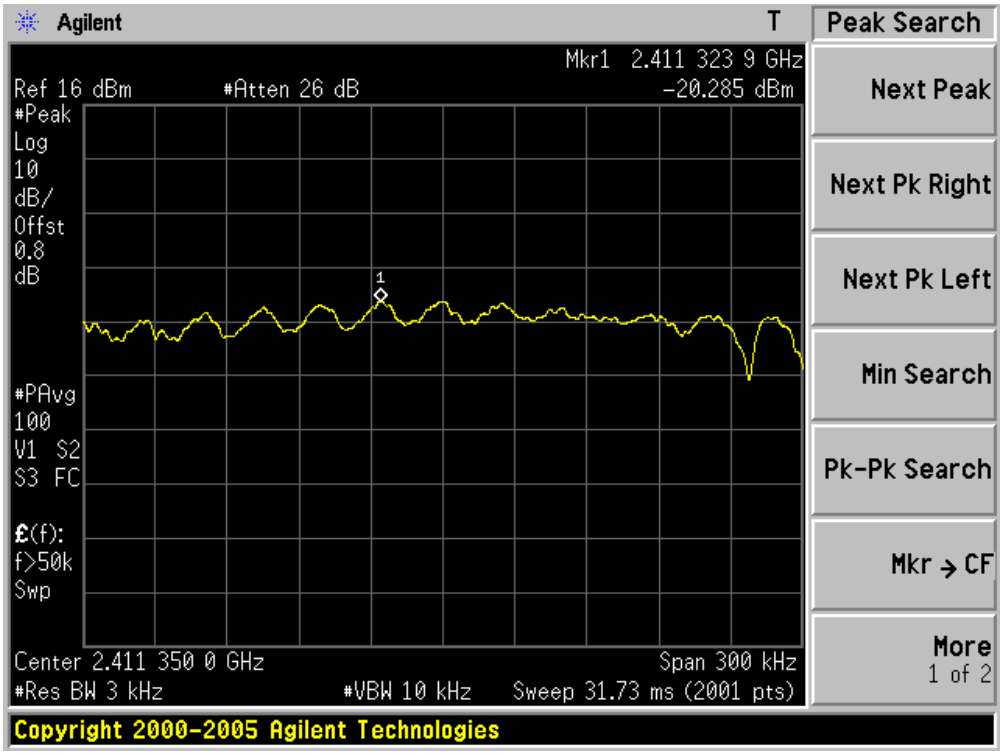
Channel 157 (5785MHz) – Chain 0



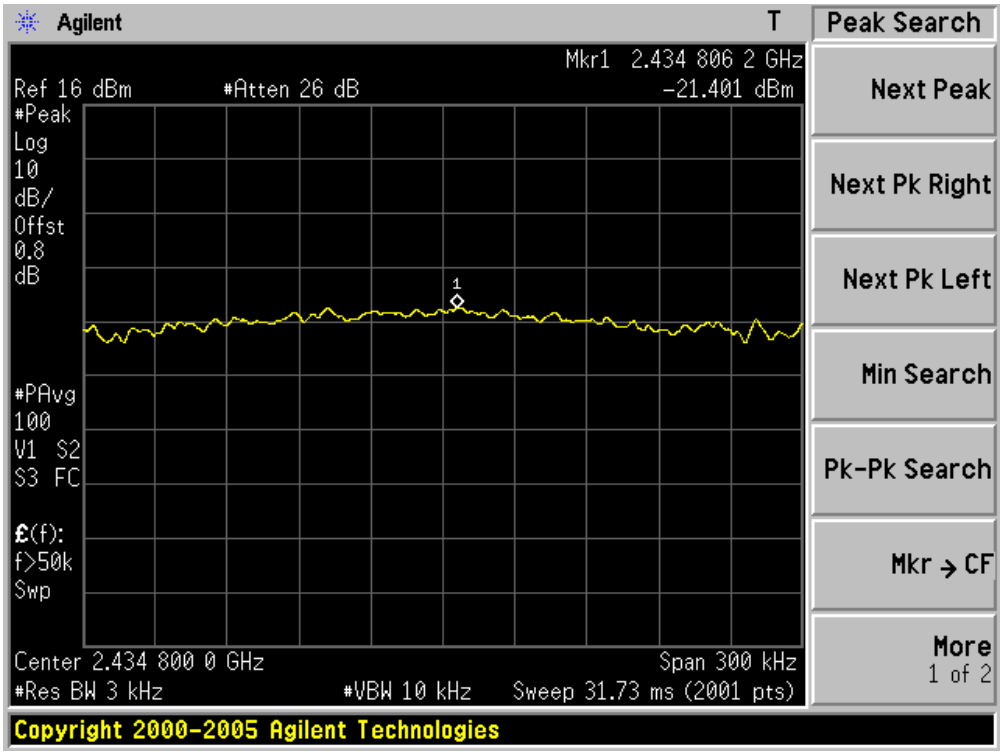
Channel 165 (5825MHz) – Chain 0



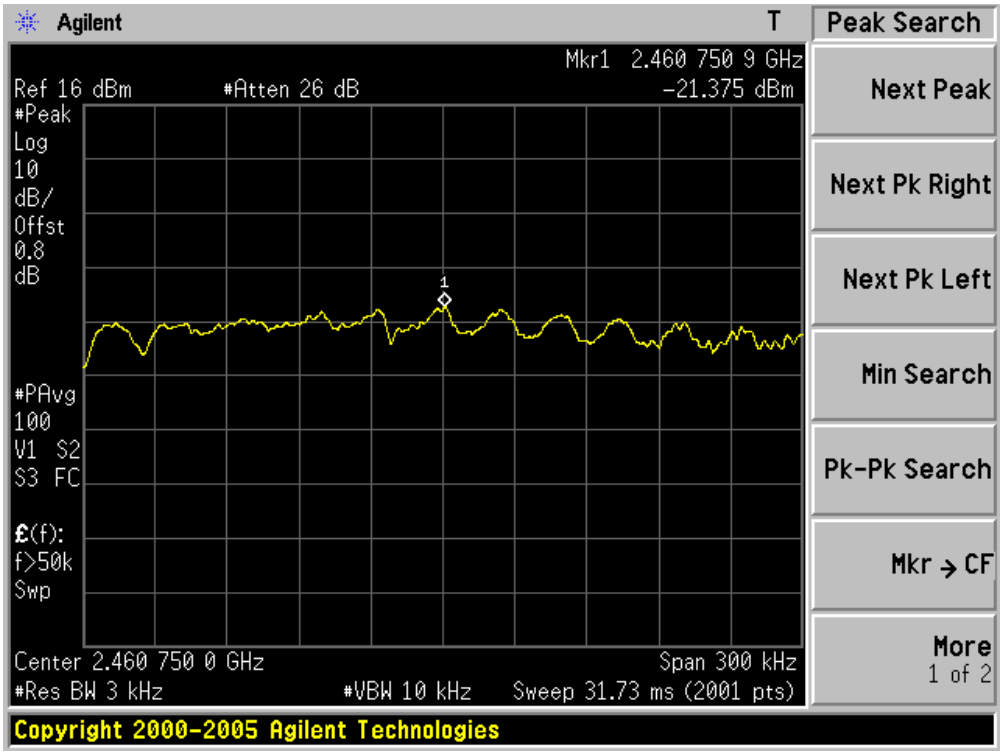
Channel 01 (2412MHz) – Chain 1



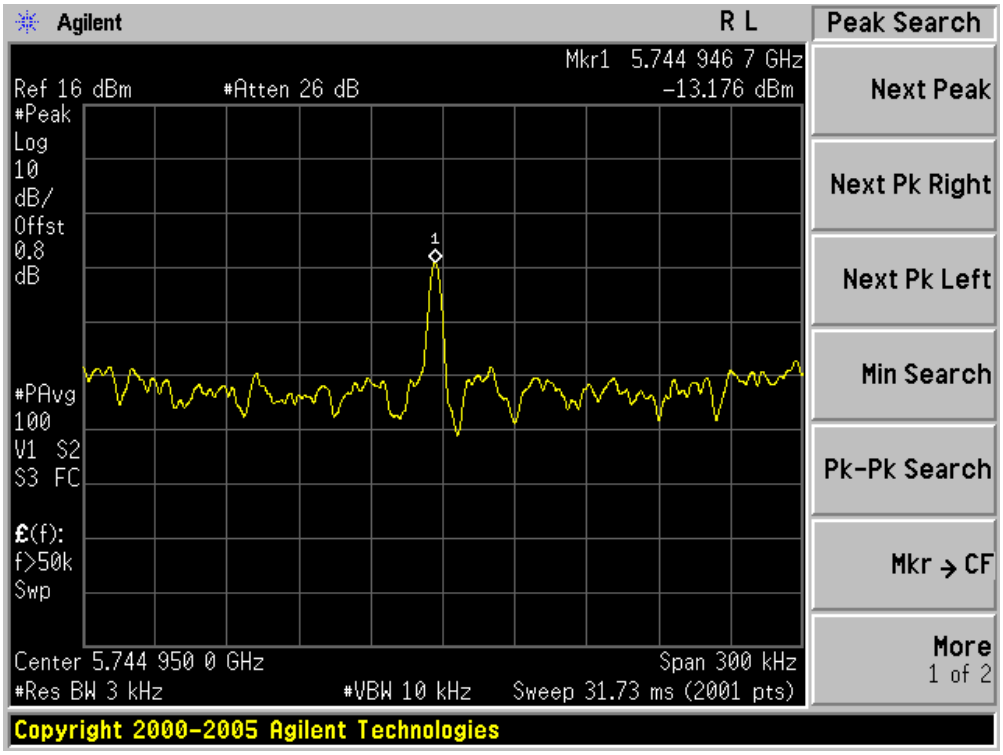
Channel 06 (2437MHz) – Chain 1



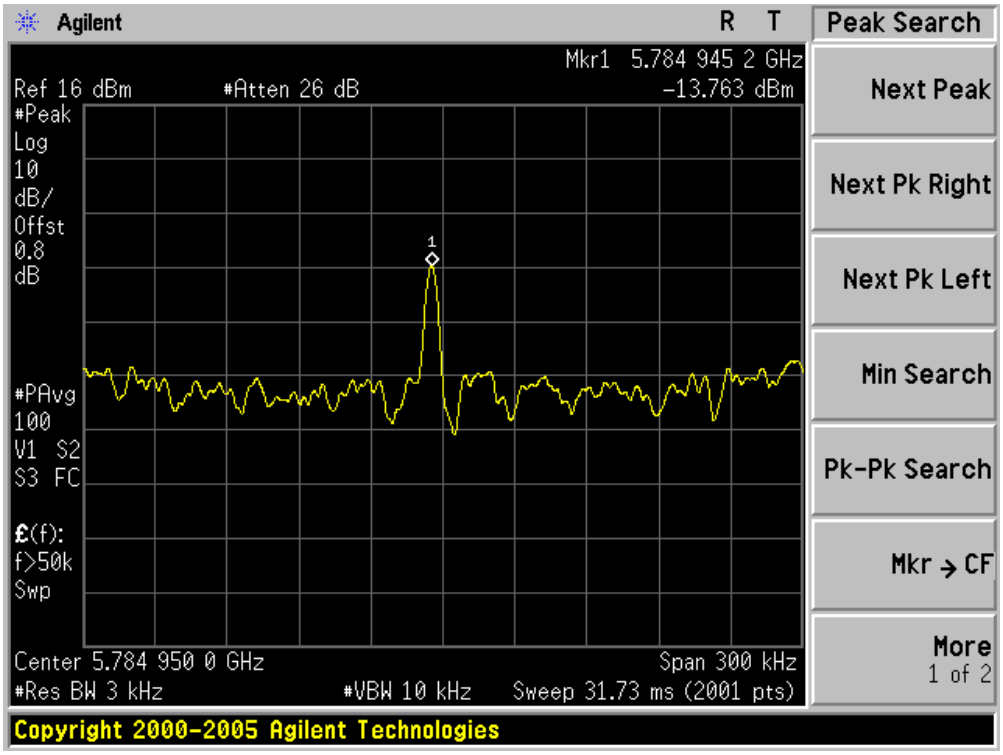
Channel 11 (2462MHz) – Chain 1



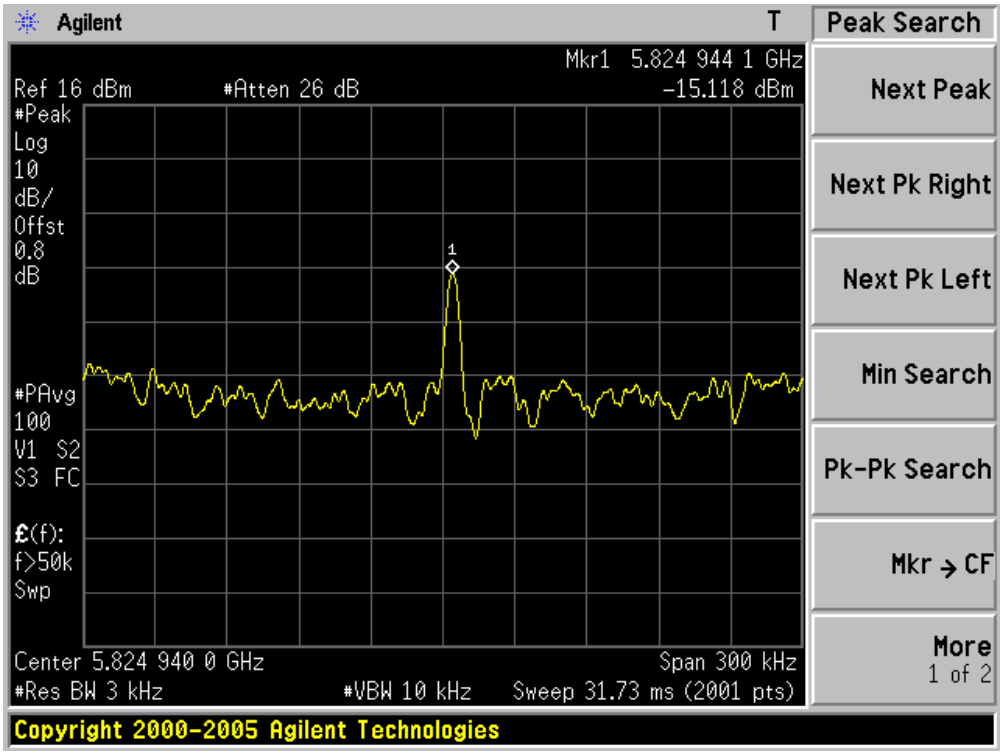
Channel 149 (5745MHz) – Chain 1



Channel 157 (5785MHz) – Chain 1



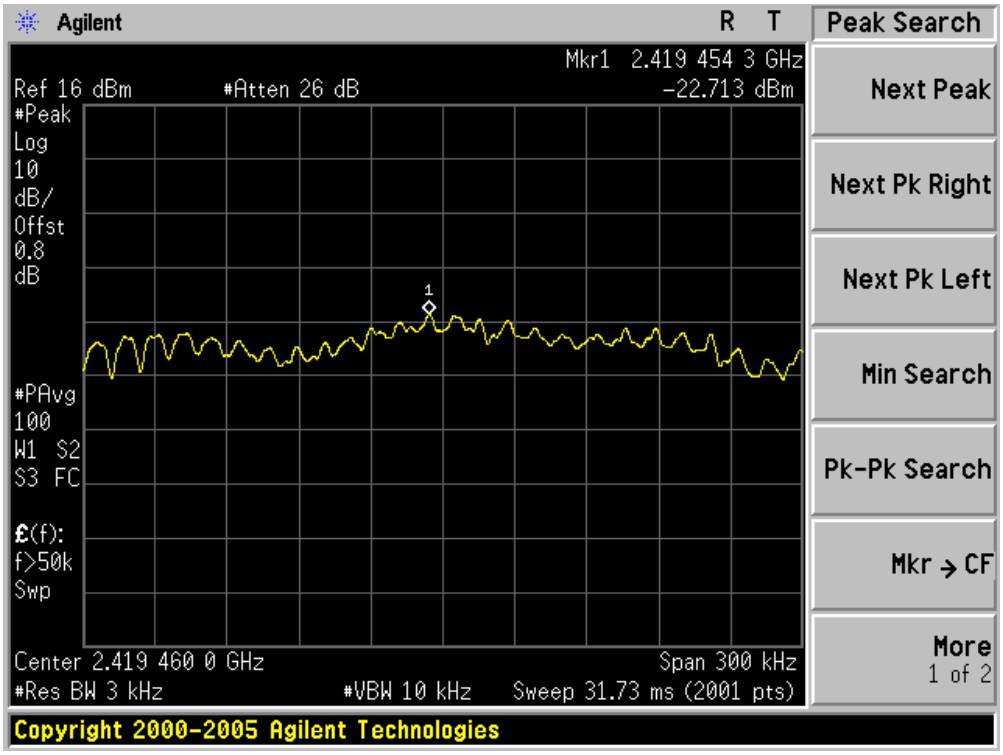
Channel 165 (5825MHz) – Chain 1



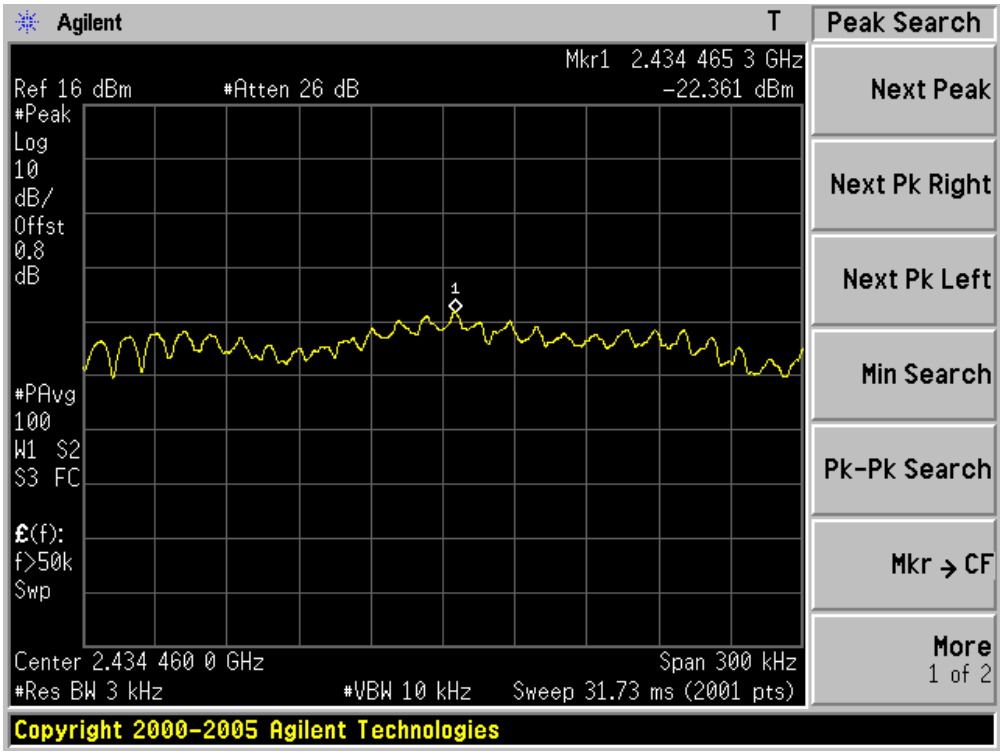
Product	:	Flip Share TV(USB Dongle)
Test Item	:	Power Spectral Density
Test Site	:	AC-6
Test Mode	:	Mode 5: Transmit by 802.11n (40MHz) (Chain 0+1)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
03	2422	-22.713	-22.609	-19.650	8	Pass
06	2437	-22.361	-22.821	-19.575	8	Pass
09	2452	-22.338	-22.483	-19.400	8	Pass
151	5755	-13.894	-13.777	-10.825	8	Pass
159	5795	-14.238	-13.653	-10.925	8	Pass

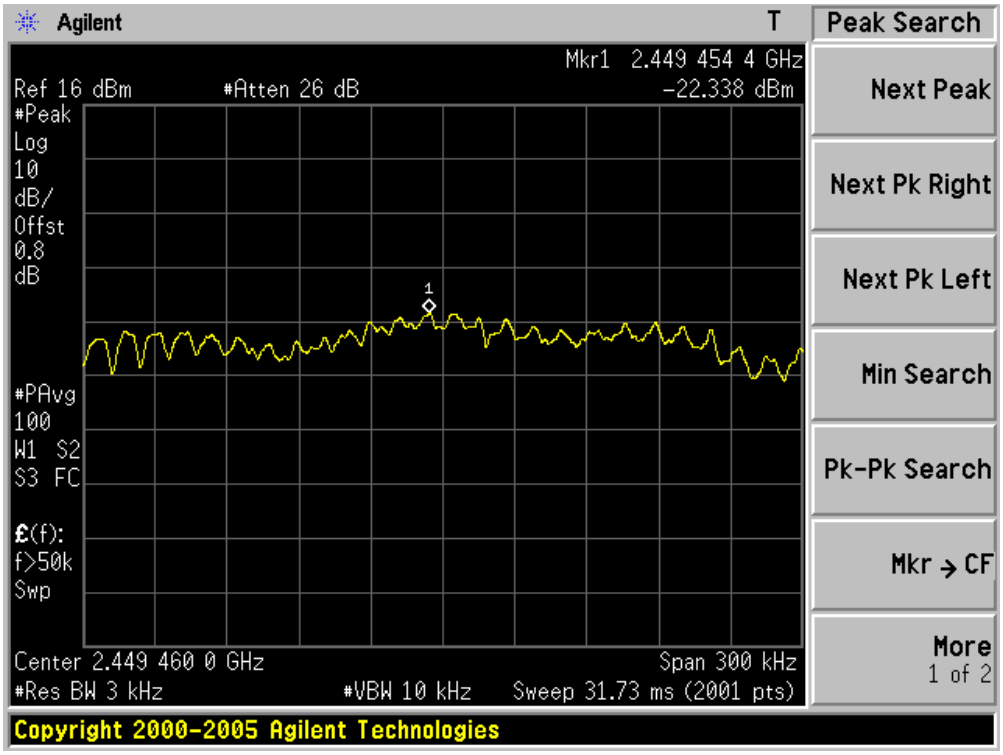
Channel 03 (2422MHz) – Chain 0



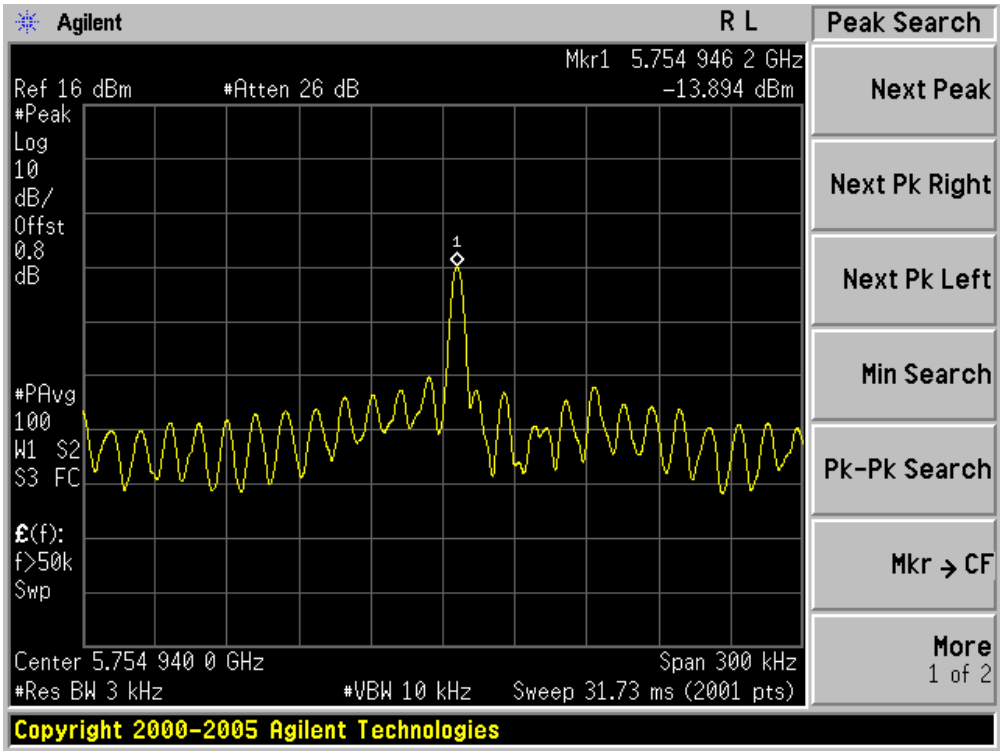
Channel 06 (2437MHz) – Chain 0



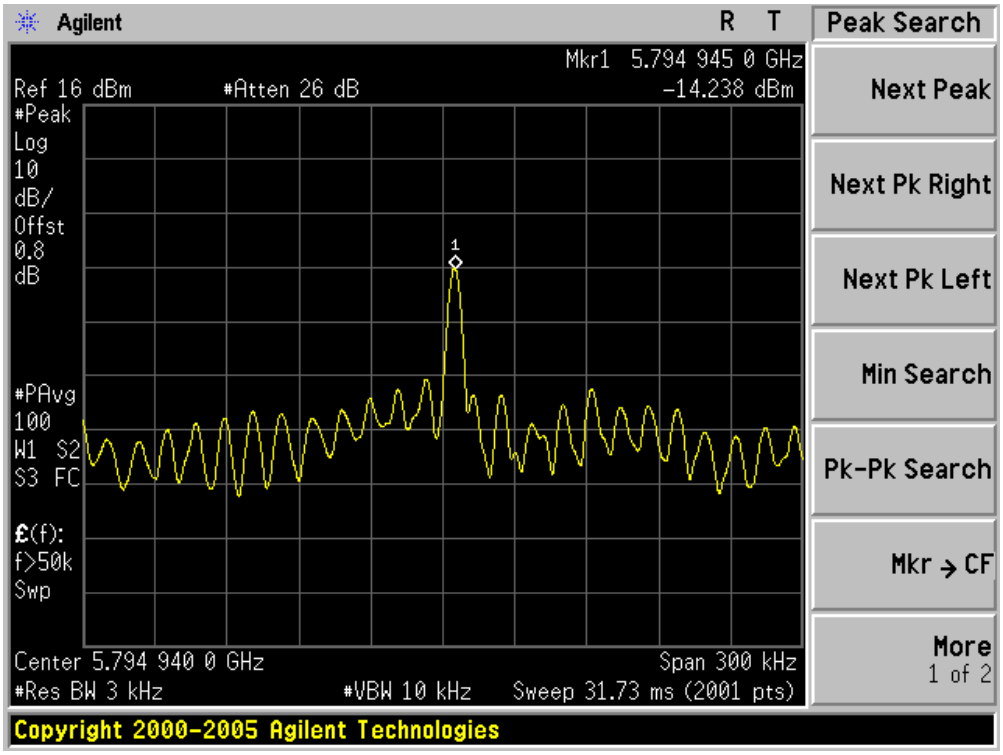
Channel 09 (2452MHz) – Chain 0



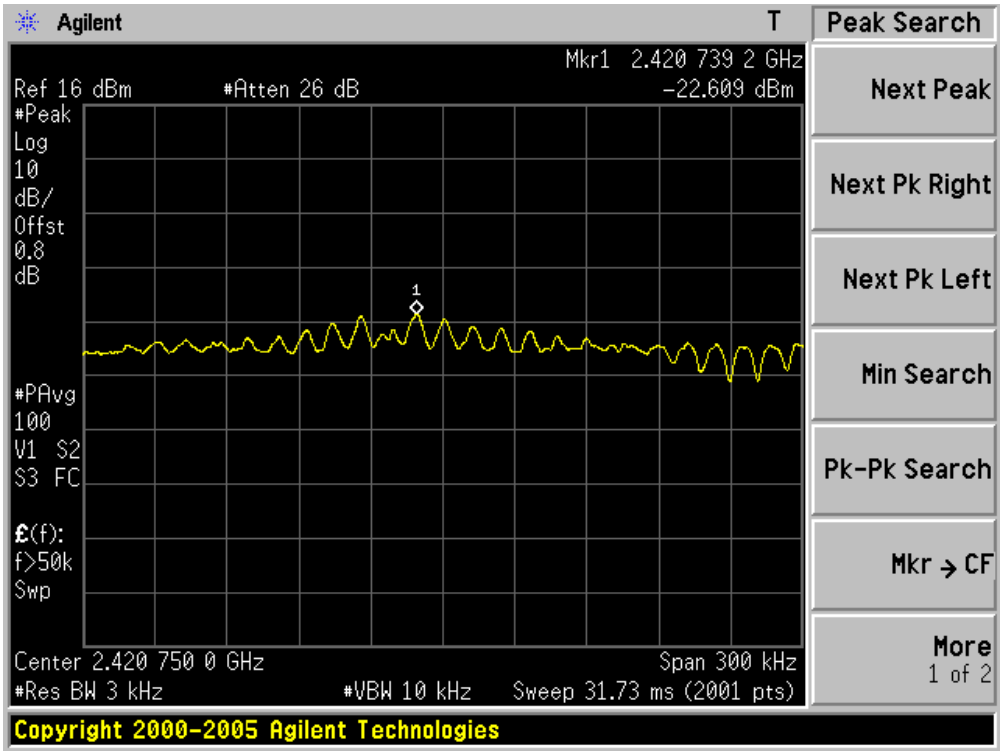
Channel 151 (5755MHz) – Chain 0



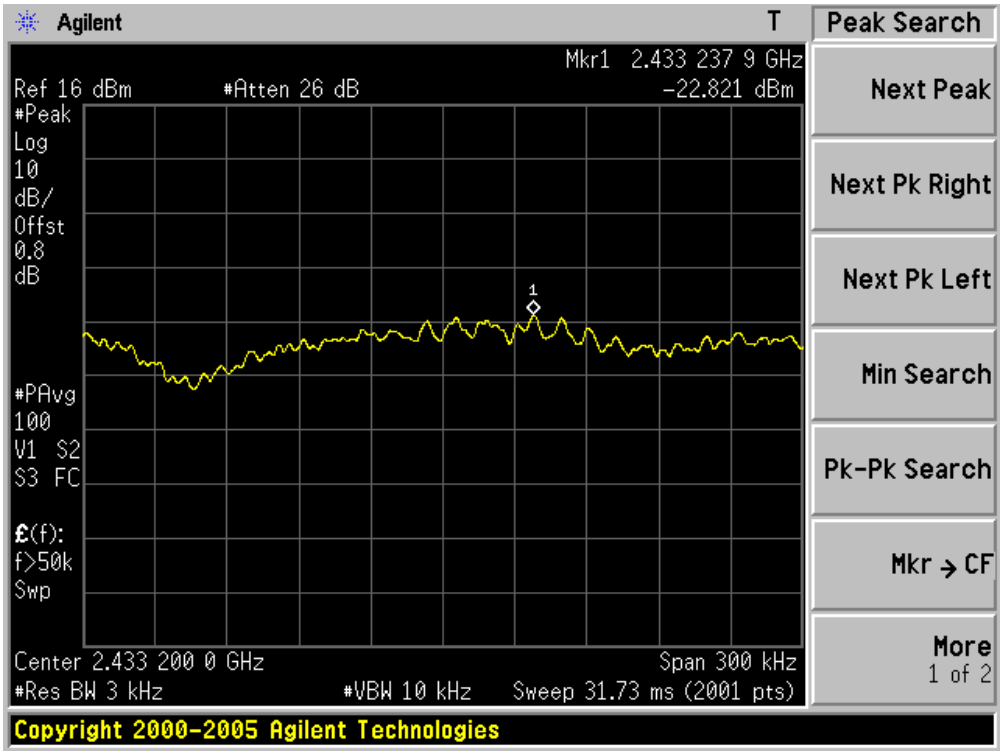
Channel 159 (5795MHz) – Chain 0



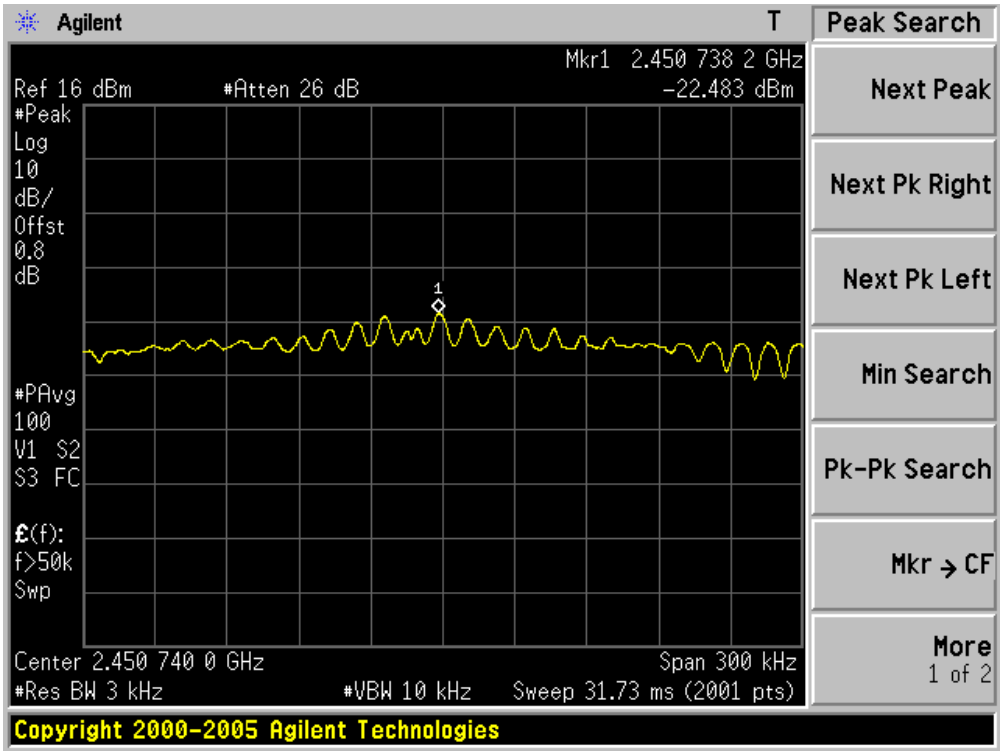
Channel 03 (2422MHz) – Chain 1



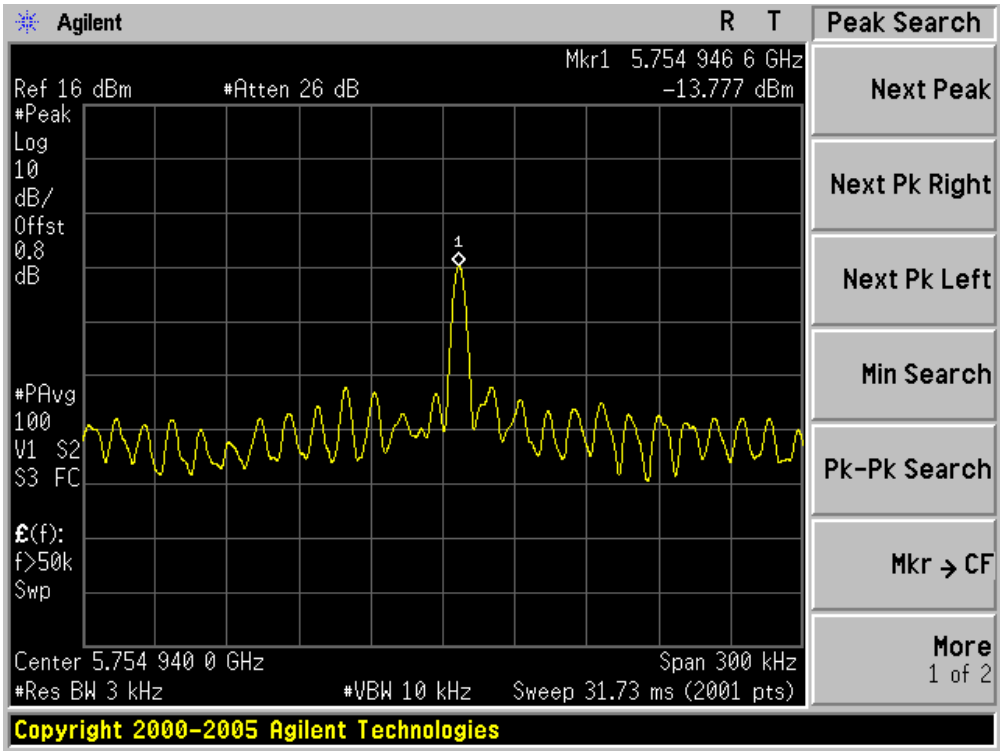
Channel 06 (2437MHz) – Chain 1



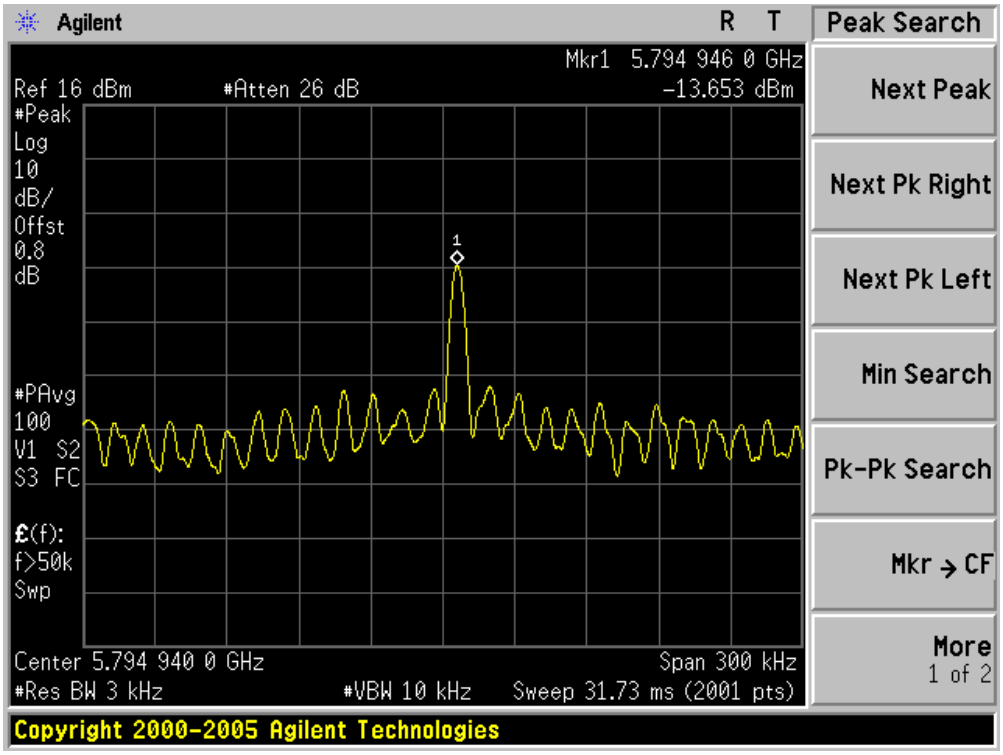
Channel 09 (2452MHz) – Chain 1



Channel 151 (5755MHz) – Chain 1



Channel 159 (5795MHz) – Chain 1



11. Receiver Spurious Emission for Industry Canada RSS-Gen Requirement

11.1. Test Equipment

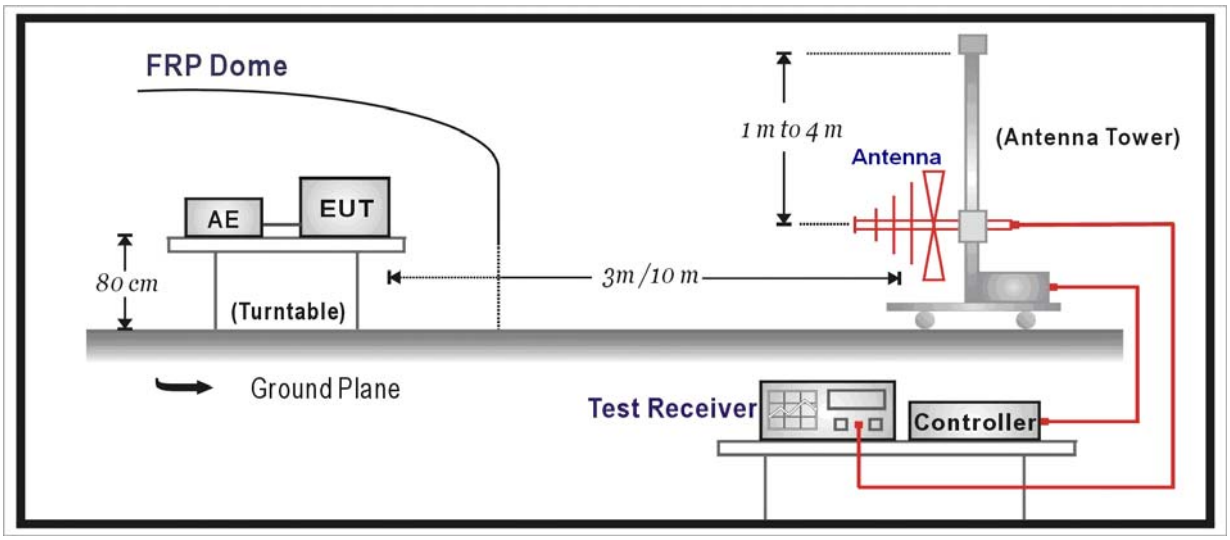
☒Radiated Emission / AC-2

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2009/06/11
EMI Test Receiver	R&S	ESCI	100573	2009/05/10
Preamplifier	Quietek	AP-025C	QT-AP003	2008/11/25
Preamplifier	Quietek	AP-180C	CHM-0602012	2008/11/25
Bilog Type Antenna	Schaffner	CBL6112B	2932	2008/11/22
Broad-Band Horn Antenna	Schwarzbeck	BBHA9120D	496	2008/11/25
Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	294	2008/11/25
High-Pass Filter	Wainwright	WHKX7.0/18G-8SS	SN16	2009/03/03
Low-Pass Filter	Wainwright	WLKS4500-9SS	SN2	2009/03/03
50ohm Coaxial Switch	Anritsu	MP59B	6200447304	2008/11/25
Coaxial Cable	Huber+Suhner	AC2-C	04	2008/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH002	2009/03/31

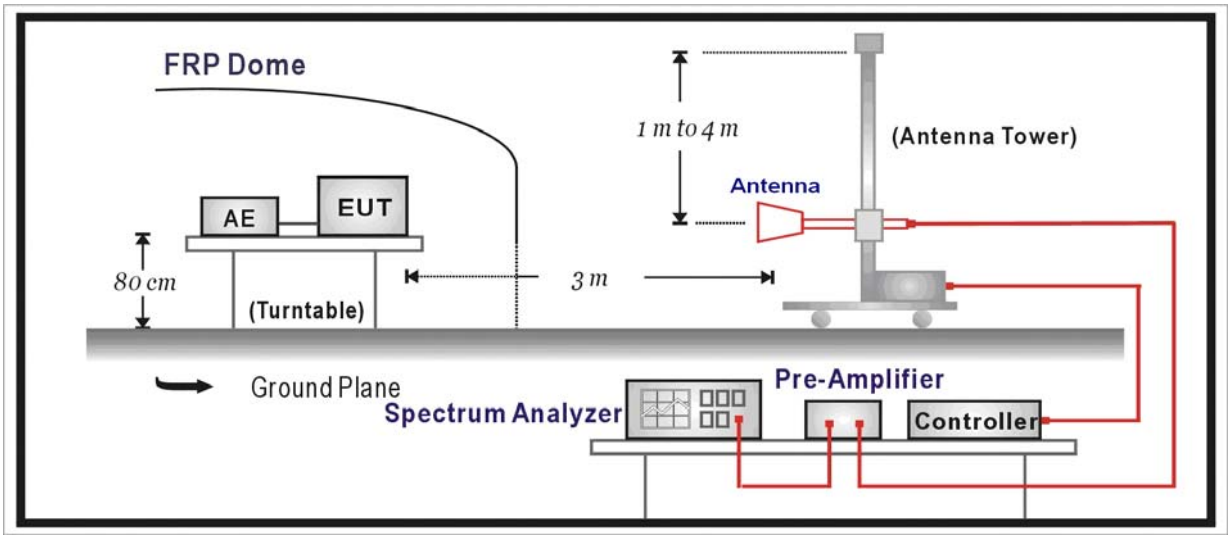
Note 1: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

11.2. Test Setup

Below 1GHz Test Setup:



Above 1GHz Test Setup:



11.3. Limit

FCC Part 15 Subpart B Paragraph 15.109		
Frequency (MHz)	Distance (m)	Level (dBuV/m)
30 - 88	3	40
88 - 216	3	43.5
216 - 960	3	46
Above 960	3	54

Note 1: The lower limit shall apply at the transition frequency.

Note 2: Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

Note 3: E field strength (dBuV/m) = 20 log E field strength (uV/m)

11.4. Test Procedure

The EUT was setup according to ANSI C63.4, 2003.

The EUT is placed on a turn table which is 0.8 meter above ground. The turn table is rotated 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 is scanned from 1 meter to 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.4:2003 on radiated measurement.

The resolution bandwidth below 1GHz setting on the field strength meter is 120 kHz and above 1GHz is 1MHz.

The frequency range from 30MHz to 10th harmonic is checked.

Note: When doing emission measurement above 1GHz, the horn antenna will be bended down a little (as horn antenna has the narrow beamwidth) in order to keeping the antenna in the “cone of radiation” of EUT. The 3dB beamwidth is 60~10 degrees for H-plane and 90~10 degrees for E-plane.

11.5. Uncertainty

The measurement uncertainty above 1G is defined as ± 3.9 dB

below 1G is defined as ± 3.8 dB

11.6. Test Result

All of the test result shown indicates the worst case, and spectrum analyzer parameters setting as shown below:

Peak detector: RBW = 1MHz, VBW = 3MHz, sweep time = 200ms;
Average detector: RBW = 1MHz, VBW = 10Hz, sweep time = auto.

No significant emissions measurable. Plots reported here represent the worse case emissions.

802.11n(20MHz) (Chain 0+1)

Channel	Frequency Range (MHz)	Measure Level (dBuV/m)	Detector Type	Limit (dBuV/m)
1	30~88	≤38	QP	40
	88~216	≤30	QP	43.5
	216~960	≤36	QP	46
	960~1000	≤38	QP	54
	1000~40000	≤49	PK	54 (Note 1)
6	30~88	≤38	QP	40
	88~216	≤30	QP	43.5
	216~960	≤36	QP	46
	960~1000	≤38	QP	54
	1000~40000	≤50	PK	54 (Note 1)
11	30~88	≤38	QP	40
	88~216	≤30	QP	43.5
	216~960	≤36	QP	46
	960~1000	≤38	QP	54
	1000~40000	≤51	PK	54 (Note 1)
36	30~88	≤38	QP	40
	88~216	≤30	QP	43.5
	216~960	≤36	QP	46
	960~1000	≤38	QP	54
	1000~40000	≤50	PK	54 (Note 1)
40	30~88	≤38	QP	40
	88~216	≤30	QP	43.5
	216~960	≤36	QP	46
	960~1000	≤38	QP	54
	1000~40000	≤49	PK	54 (Note 1)

48	30~88	≤38	QP	40
	88~216	≤30	QP	43.5
	216~960	≤36	QP	46
	960~1000	≤38	QP	54
	1000~40000	≤46	PK	54 (Note 1)
149	30~88	≤38	QP	40
	88~216	≤30	QP	43.5
	216~960	≤36	QP	46
	960~1000	≤38	QP	54
	1000~40000	≤46	PK	54 (Note 1)
157	30~88	≤38	QP	40
	88~216	≤30	QP	43.5
	216~960	≤36	QP	46
	960~1000	≤38	QP	54
	1000~40000	≤47	PK	54 (Note 1)
165	30~88	≤38	QP	40
	88~216	≤30	QP	43.5
	216~960	≤36	QP	46
	960~1000	≤38	QP	54
	1000~40000	≤47	PK	54 (Note 1)

Note 1: This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn’t be performed.

802.11n(40MHz) (Chain 0+1)

Channel	Frequency Range (MHz)	Measure Level (dBuV/m)	Detector Type	Limit (dBuV/m)
3	30~88	≤38	QP	40
	88~216	≤30	QP	43.5
	216~960	≤36	QP	46
	960~1000	≤38	QP	54
	1000~40000	≤53	PK	54 (Note 1)
6	30~88	≤38	QP	40
	88~216	≤30	QP	43.5
	216~960	≤36	QP	46
	960~1000	≤38	QP	54
	1000~40000	≤54	PK	54 (Note 1)
9	30~88	≤38	QP	40
	88~216	≤30	QP	43.5
	216~960	≤36	QP	46
	960~1000	≤38	QP	54
	1000~40000	≤53	PK	54 (Note 1)
38	30~88	≤38	QP	40
	88~216	≤30	QP	43.5
	216~960	≤36	QP	46
	960~1000	≤38	QP	54
	1000~40000	≤52	PK	54 (Note 1)
46	30~88	≤38	QP	40
	88~216	≤30	QP	43.5
	216~960	≤36	QP	46
	960~1000	≤38	QP	54
	1000~40000	≤53	PK	54 (Note 1)
151	30~88	≤37	QP	40
	88~216	≤29	QP	43.5
	216~960	≤36	QP	46
	960~1000	≤38	QP	54
	1000~40000	≤51	PK	54 (Note 1)
159	30~88	≤38	QP	40
	88~216	≤30	QP	43.5
	216~960	≤36	QP	46
	960~1000	≤38	QP	54

	1000~40000	≤54	PK	54 (Note 1)

Note 1: This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn’t be performed.