

Test Report

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

Product Name : Flip Share TV (Set Top Box)

Model No. : CTV1-SB

FCC ID : Q87CTV1SB

IC ID : 3839A-CTV1SB

Applicant : CISCO-LINKSYS LLC

Address : 121 THEORY DR IRVINE, CA 92617 USA

Date of Receipt : 2009/08/27

Issued Date : 2009/09/17

Report No. : 098S096R-RF-US-P05V01

Report Version : V1.0

The test results relate only to the samples tested.

The test results shown in the test report are traceable to the national/international standard through the calibration of the equipment and evaluated measurement uncertainty herein.

This report must not be used to claim product endorsement by CNLA, NVLAP or any agency of the

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Test Report Certification

Issued Date : 2009/09/17

Report No. : 098S096R-RF-US-P05V01



Product Name : Flip Share TV (Set Top Box)
 Applicant : CISCO-LINKSYS LLC
 Address : 121 THEORY DR IRVINE, CA 92617 USA
 Manufacturer : AmbitMicrosystems(Shanghai) LTD.
 Address : No 1925, Nanle road Songjiang Export Processing Zone
 Shanghai China
 Model No. : CTV1-SB
 FCC ID : Q87CTV1SB
 IC ID : 3839A-CTV1SB
 EUT Voltage : 5Vdc, 1.5A
 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
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 FCC Registration Number: 800392, IC Lab Code: 4075B

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 (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

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The address and introduction of QuieTek Corporation's laboratories can be founded in our Web site : <http://www.quietek.com/>
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1. General Information

1.1. EUT Description

Product Name	Flip Share TV (Set Top Box)
Trade Name	Cisco
Model No.	CTV1-SB
FCC ID	Q87CTV1SB
IC ID	3839A-CTV1SB
Working Voltage	5Vdc, 1.5A
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
Antenna Gain	Reference for list

Component	
AC Adapter	Manufacturer: FoxLink M/N: FA-501500SA Input: 100-240V~, 0.25A, 50-60Hz Output: 5V, 1.5A

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	02102140-04232	2.2
Right Antenna(For 2.4G)	Galtronics	02102140-03936-1	2.5
Left Antenna(For 5.2G)	Galtronics	02102140-04232	2.9
Right Antenna(For 5.2G)	Galtronics	02102140-03936-1	4.4
Left Antenna(For 5.8G)	Galtronics	02102140-04232	3.5
Right Antenna(For 5.8G)	Galtronics	02102140-03936-1	4.4

1.2. Mode of Operation

QuietTek 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:

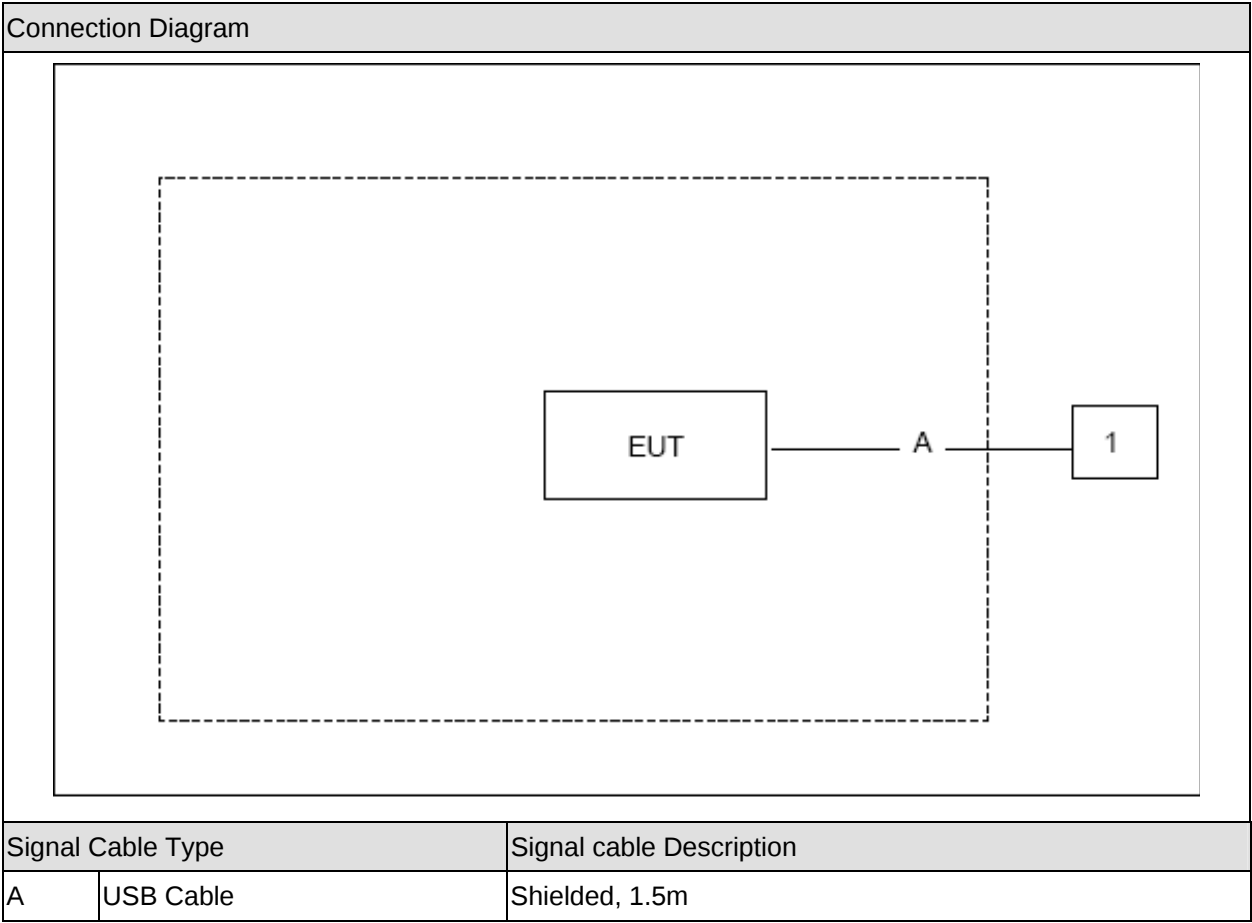
1. Regards to the frequency band operation: the lowest, middle and highest frequency of channel were selected to perform the test, then shown on this report.
2. This device is a composite device in accordance with Part 15 Subpart B regulations. The function for the receiver was measured and made a test report that the report number is 098S096-ITUSP01V02.

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	PC	DELL	DCMF	11DMF2X	Non-Shielded, 1.8m

1.4. Configuration of Tested System



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 "RT3TXQA.exe", select the 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

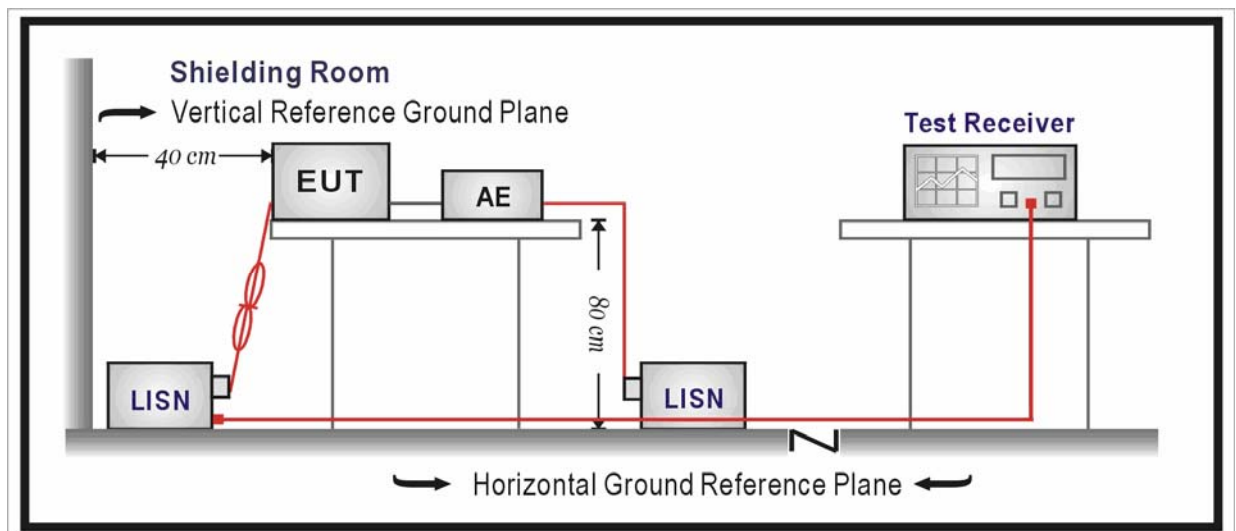
3.1. Test Equipment

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.

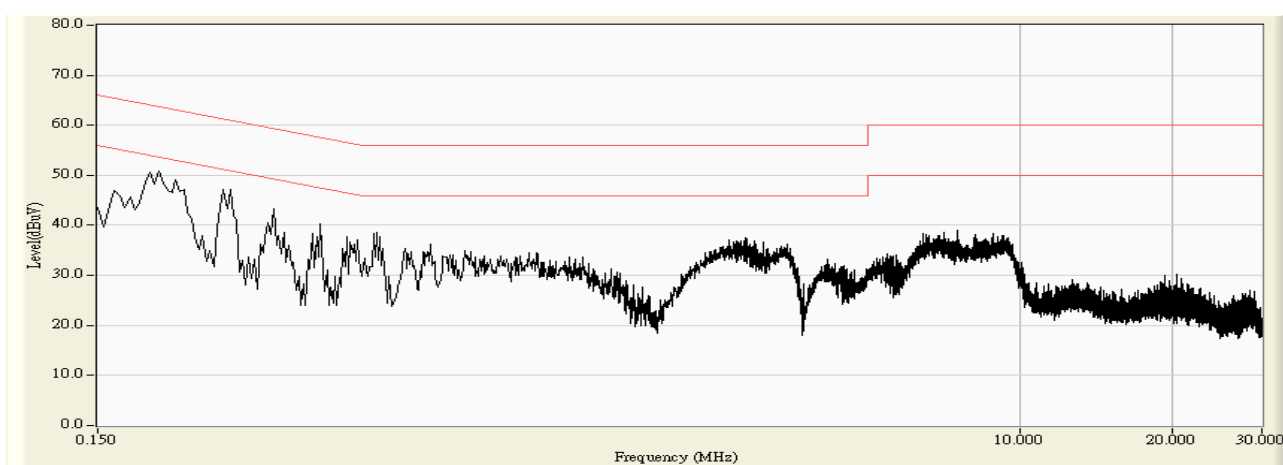
The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length. Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.

3.5. Uncertainty

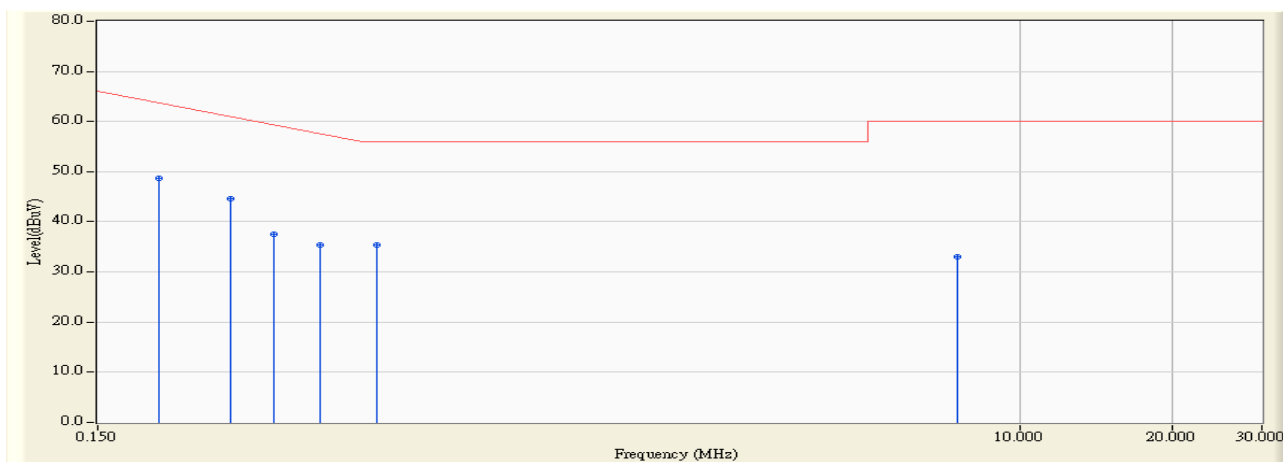
The measurement uncertainty is defined as ± 2.02 dB

3.6. Test Result

Engineer : Jame	
Site : SR-1 (Conducted Emission and Power Disturbance Test)	Time : 2009/09/11 - 10:15
Limit : FCC_Part15.207_00M_QP	Margin : 10
Probe : ENV216_100014(0.009-30MHz) - Line1	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 1

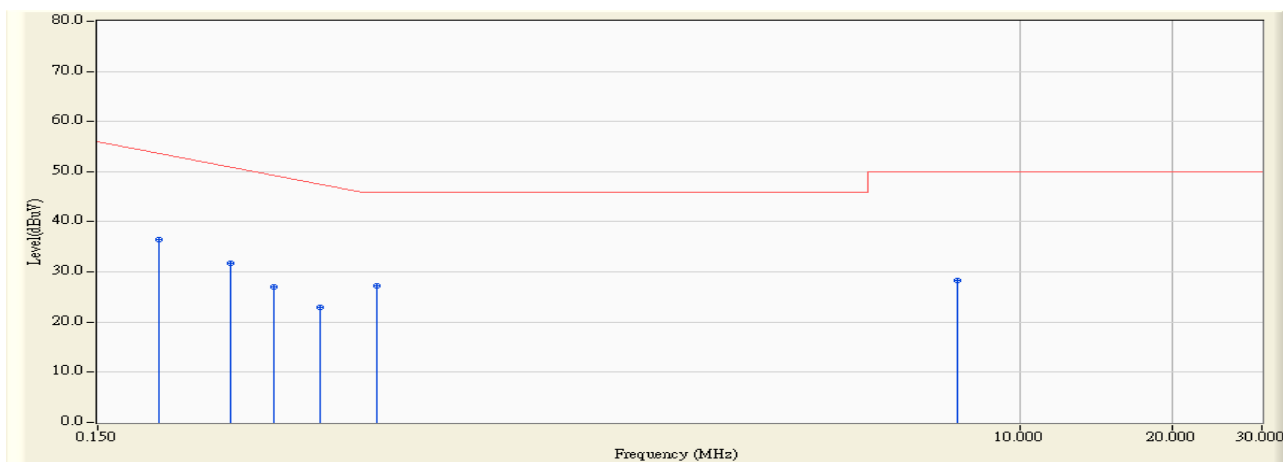


Engineer : Jame	
Site : SR-1 (Conducted Emission and Power Disturbance Test)	Time : 2009/09/11 - 10:17
Limit : FCC_Part15.207_00M_QP	Margin : 0
Probe : ENV216_100014(0.009-30MHz) - Line1	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 1



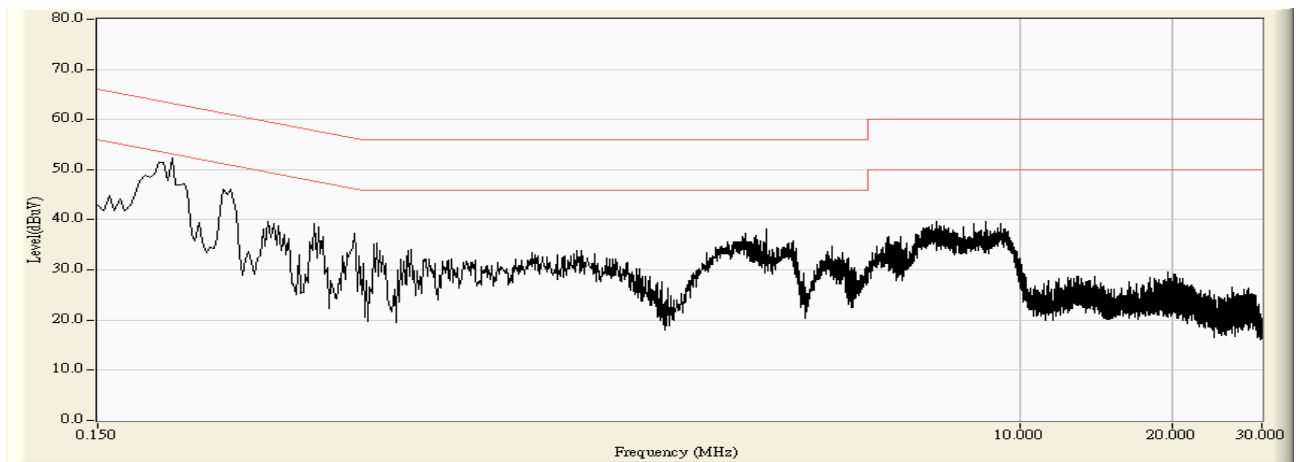
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.198	9.580	39.100	48.680	-15.014	63.694	QUASIPeAK
2		0.274	9.479	35.100	44.578	-16.418	60.996	QUASIPeAK
3		0.334	9.527	28.100	37.627	-21.724	59.351	QUASIPeAK
4		0.414	9.575	25.900	35.475	-22.093	57.568	QUASIPeAK
5		0.534	9.635	25.700	35.335	-20.665	56.000	QUASIPeAK
6		7.498	9.875	23.100	32.975	-27.025	60.000	QUASIPeAK

Engineer : Jame	
Site : SR-1 (Conducted Emission and Power Disturbance Test)	Time : 2009/09/11 - 10:17
Limit : FCC_Part15.207_00M_AV	Margin : 0
Probe : ENV216_100014(0.009-30MHz) - Line1	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 1

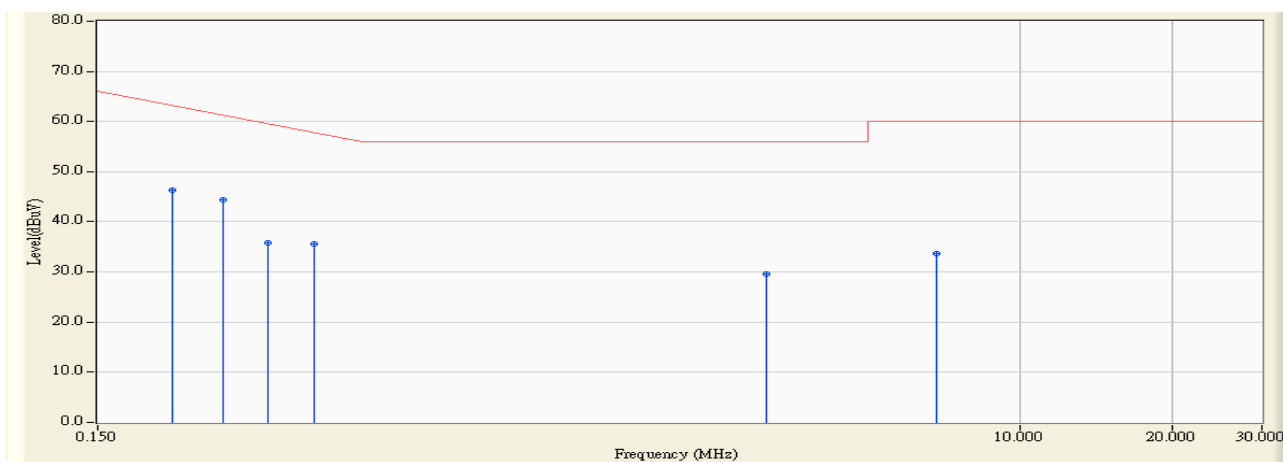


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.198	9.580	26.900	36.480	-17.214	53.694	AVERAGE
2		0.274	9.479	22.300	31.778	-19.218	50.996	AVERAGE
3		0.334	9.527	17.500	27.027	-22.324	49.351	AVERAGE
4		0.414	9.575	13.400	22.975	-24.593	47.568	AVERAGE
5		0.534	9.635	17.500	27.135	-18.865	46.000	AVERAGE
6		7.498	9.875	18.500	28.375	-21.625	50.000	AVERAGE

Engineer : Jame	
Site : SR-1 (Conducted Emission and Power Disturbance Test)	Time : 2009/09/11 - 10:18
Limit : FCC_Part15.207_00M_QP	Margin : 10
Probe : ENV216_100014(0.009-30MHz) - Line2	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 1

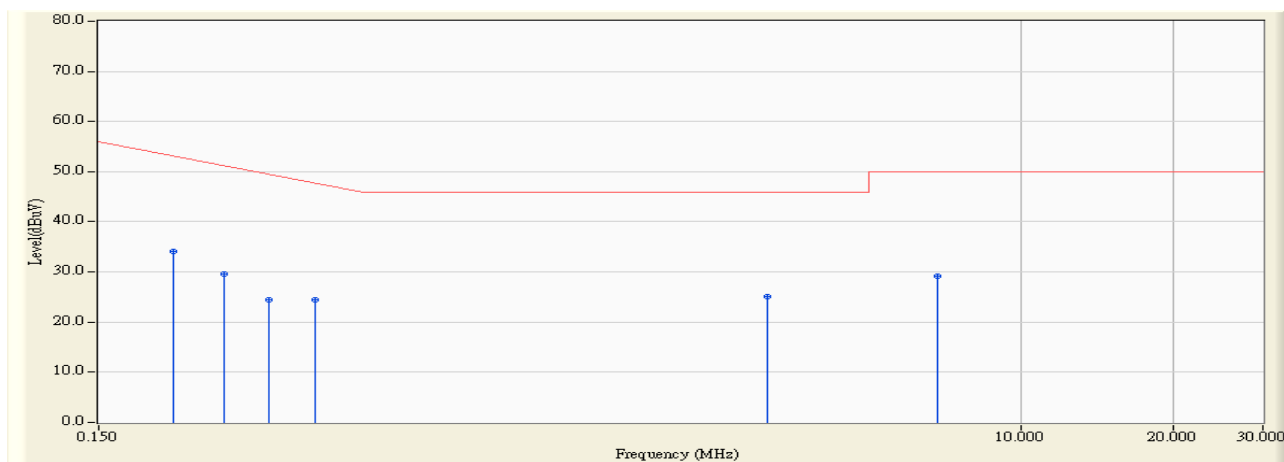


Engineer : Jame	
Site : SR-1 (Conducted Emission and Power Disturbance Test)	Time : 2009/09/11 - 10:20
Limit : FCC_Part15.207_00M_QP	Margin : 0
Probe : ENV216_100014(0.009-30MHz) - Line2	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 1



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.210	9.616	36.800	46.416	-16.789	63.205	QUASIPeAK
2		0.266	9.586	34.800	44.386	-16.856	61.242	QUASIPeAK
3		0.326	9.600	26.200	35.800	-23.752	59.552	QUASIPeAK
4		0.402	9.610	26.100	35.710	-22.102	57.812	QUASIPeAK
5		3.142	9.690	20.000	29.690	-26.310	56.000	QUASIPeAK
6		6.814	9.850	23.800	33.650	-26.350	60.000	QUASIPeAK

Engineer : Jame	
Site : SR-1 (Conducted Emission and Power Disturbance Test)	Time : 2009/09/11 - 10:20
Limit : FCC_Part15.207_00M_AV	Margin : 0
Probe : ENV216_100014(0.009-30MHz) - Line2	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 1



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.210	9.616	24.400	34.016	-19.189	53.205	AVERAGE
2		0.266	9.586	20.000	29.586	-21.656	51.242	AVERAGE
3		0.326	9.600	14.800	24.400	-25.152	49.552	AVERAGE
4		0.402	9.610	14.800	24.410	-23.402	47.812	AVERAGE
5		3.142	9.690	15.500	25.190	-20.810	46.000	AVERAGE
6		6.814	9.850	19.300	29.150	-20.850	50.000	AVERAGE

4. Radiated Emission

4.1. Test Equipment

☒ Radiated Emission / AC-2

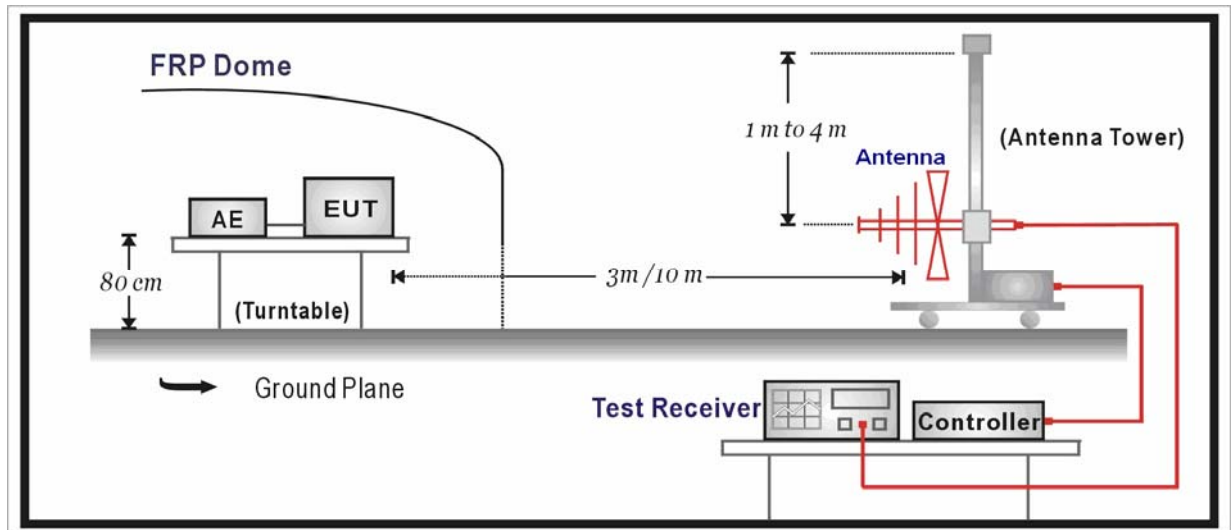
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4408B	MY45102679	2008/11/12
EMI Test Receiver	R&S	ESCI	100573	2009/05/10
Preamplifier	Quietek	AP-025C	QT-AP003	2008/11/25
Preamplifier	Quietek	AP-180C	CHM-0602012	2008/11/25
Bilog Type Antenna	Schaffner	CBL6112B	2932	2008/11/22
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.

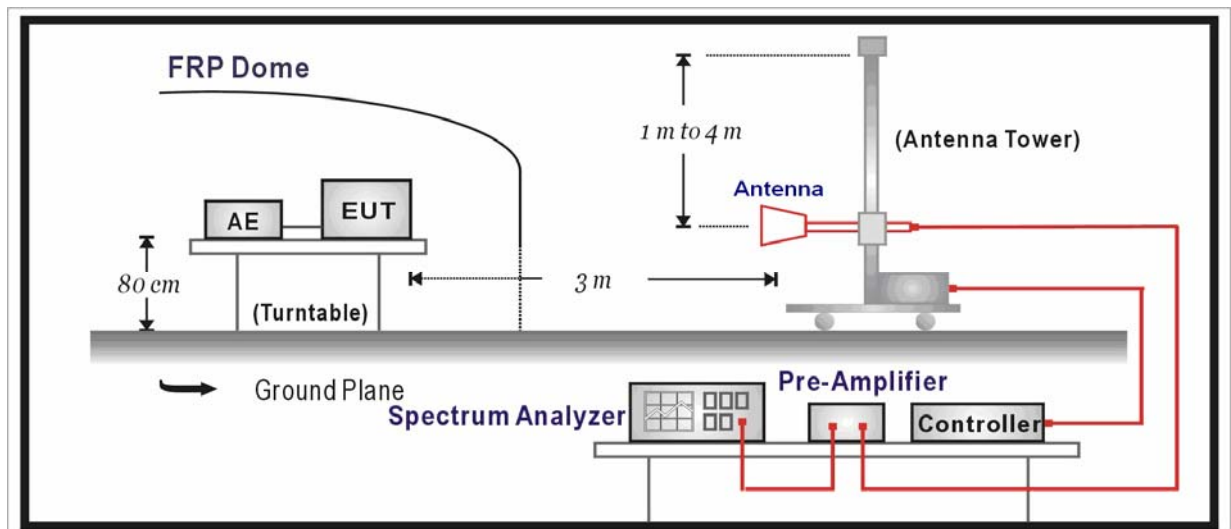
Note 2: The test instruments marked with "X" are used to measure the final test results.

4.2. Test Setup

Below 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	CH	Antenna	Frequency (MHz)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
0	1	V	2413.217	107.32	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK
	6	V	2435.320	104.93	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK
	11	V	2460.560	110.87	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK
1	1	V	2411.933	107.19	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK

	6	V	24000.000	50.22	54	-3.78	PK
		V	2435.442	104.77	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK
	11	V	2462.000	106.67	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK
		V	24000.000	50.22	54	-3.78	PK

802.11g

Chain	CH	Antenna	Frequency (MHz)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
0	1	V	2413.217	110.24	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK
	6	V	2435.12	106.86	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK
	11	V	2460.320	107.79	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP

		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK
1	1	V	2411.933	109.62	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK
	6	V	2437.120	106.50	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK
	11	V	2462.000	106.95	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK

802.11a

Chain	CH	Antenna	Frequency (MHz)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
0	149	V	5746.210	108.04	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK

1		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK
	157	V	5787.450	108.11	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK
		V	5824.280	108.24	Fundamental	/	PK
	165	H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK
	149	V	5746.360	108.36	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK
	157	V	5787.570	108.40	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK
	165	V	5824.330	108.51	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK

802.11n(20MHz)

Chain	CH	Antenna	Frequency (MHz)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
0	1	V	2413.217	107.78	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK
	6	V	2439.310	107.00	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK
	11	V	2460.400	107.89	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK
	149	V	5744.218	106.10	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK
	157	V	5784.483	106.21	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK

1		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK
	165	V	5824.652	106.25	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK
		V	2411.933	109.70	Fundamental	/	PK
	1	H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK
		V	2436.620	106.42	Fundamental	/	PK
1	6	H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK
		V	2462.000	107.30	Fundamental	/	PK
	11	H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK
		V	5744.221	106.31	Fundamental	/	PK
	149	H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK
		V	24000.000	50.22	54	-3.78	PK

	157	V	5784.620	106.50	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK
	165	V	5724.118	106.72	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK
0+1	1	V	2413.400	112.08	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK
	6	V	2440.120	108.82	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK
	11	V	2464.880	110.47	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK
	149	V	5745.049	107.83	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP

		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK
	157	V	5785.328	107.82	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK
	165	V	5825.229	108.13	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK

802.11n(40MHz)

Chain	CH	Antenna	Frequency (MHz)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
0	3	V	2432.100	107.31	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK
	6	V	2435.343	102.63	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK

		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK
	9	V	2447.300	108.80	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK
	151	V	5756.311	103.21	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK
	159	V	5796.820	103.12	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK
1	3	V	2411.640	106.32	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK
	6	V	2435.021	101.72	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK

	9	V	2456.593	105.94	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK
	151	V	5754.210	102.23	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK
	159	V	5796.021	102.04	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK
0+1	3	V	2426.820	107.17	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK
	6	V	2441.520	106.98	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK
	9	V	2441.520	106.98	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP

		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK
	151	V	5744.214	104.42	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK
	159	V	5796.328	104.53	Fundamental	/	PK
		H	120.533	38.22	Spurious	/	QP
		H	600.683	40.37	Spurious	/	QP
		V	7471.736	50.73	Spurious	/	PK
		V	5235.118	48.85	54	-5.15	PK
		V	14470.735	46.14	54	-7.86	PK
		V	24000.000	50.22	54	-3.78	PK

5. RF Antenna Conducted Spurious

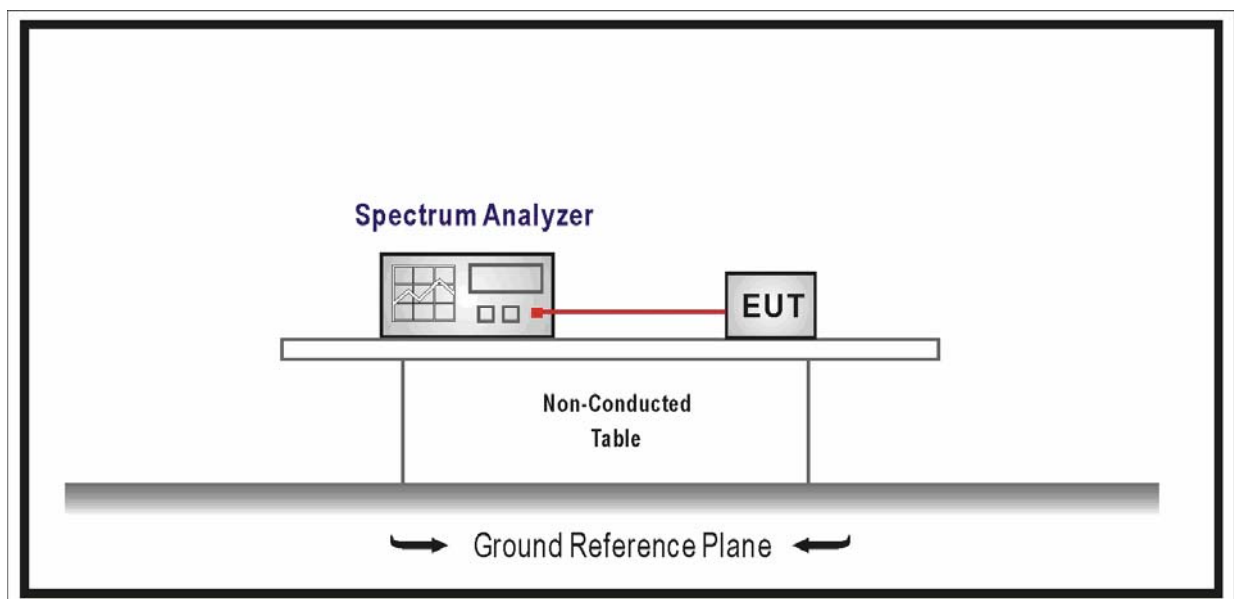
5.1. Test Equipment

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.

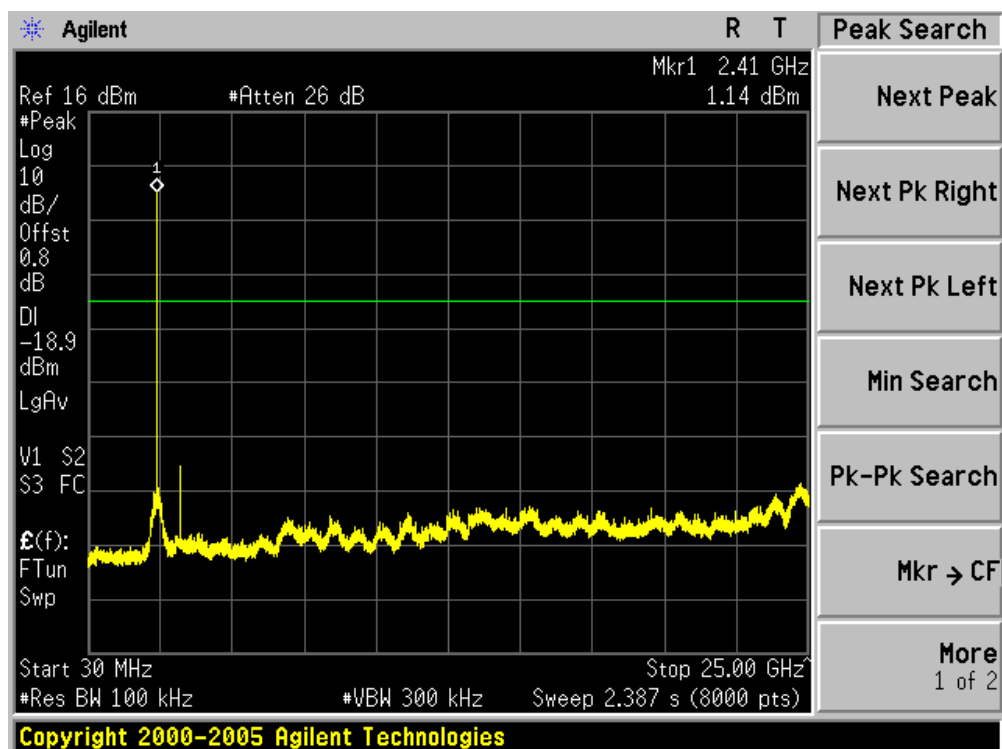
5.5. Uncertainty

The measurement uncertainty is defined as ± 1.27 dB

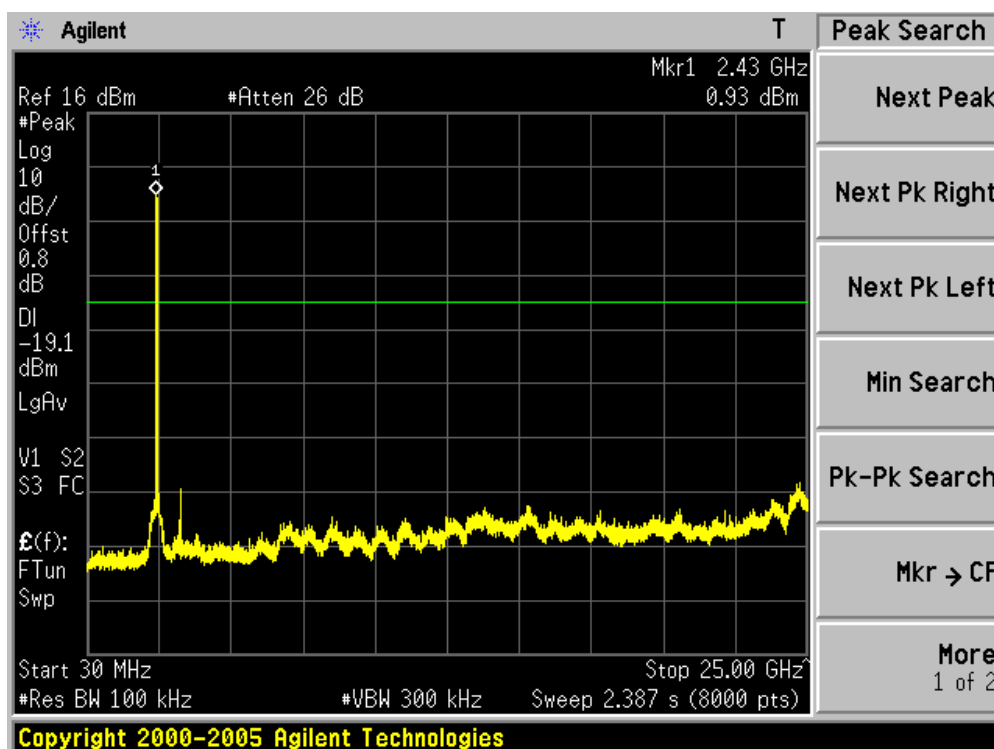
5.6. Test Result

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

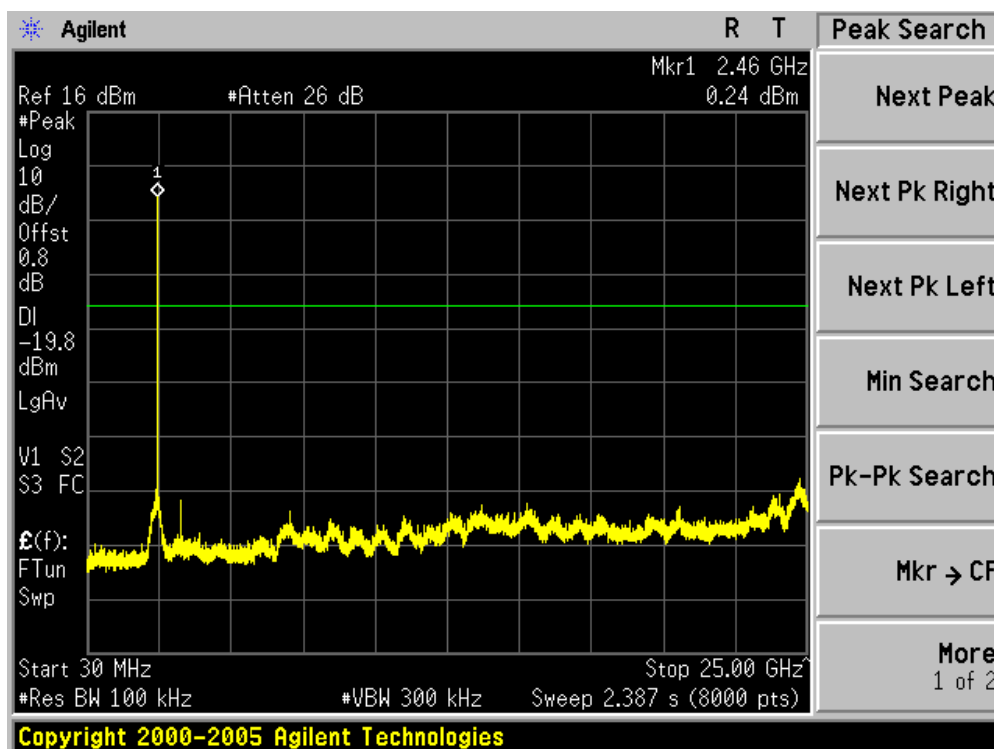
Channel 01 (2412MHz)



Channel 06 (2437MHz)

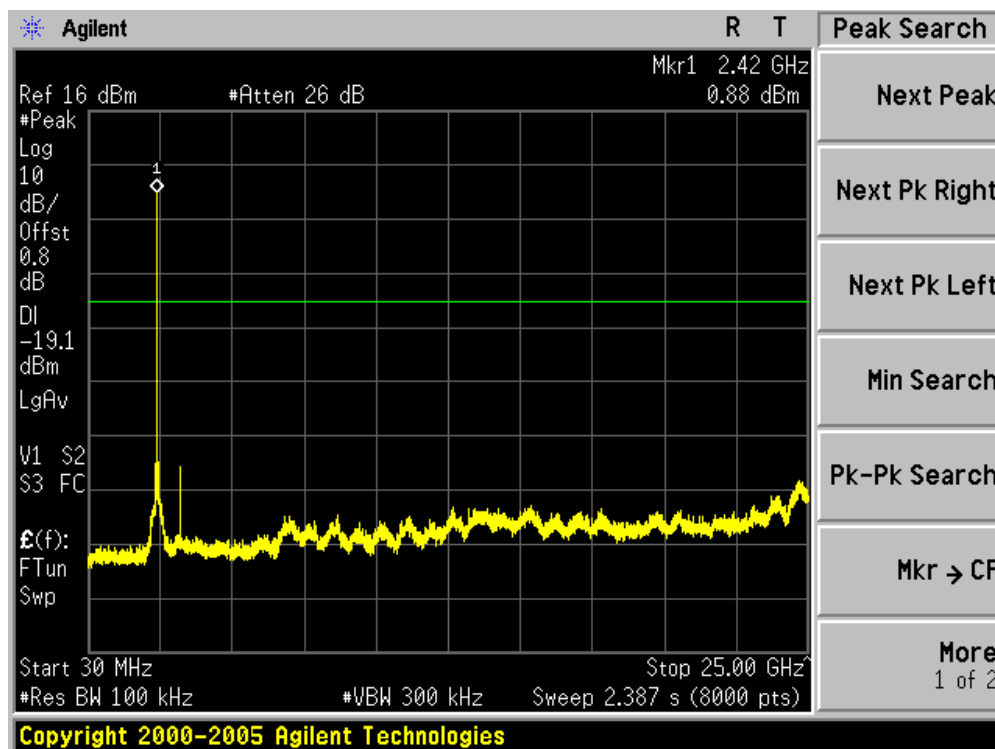


Channel 11 (2462MHz)

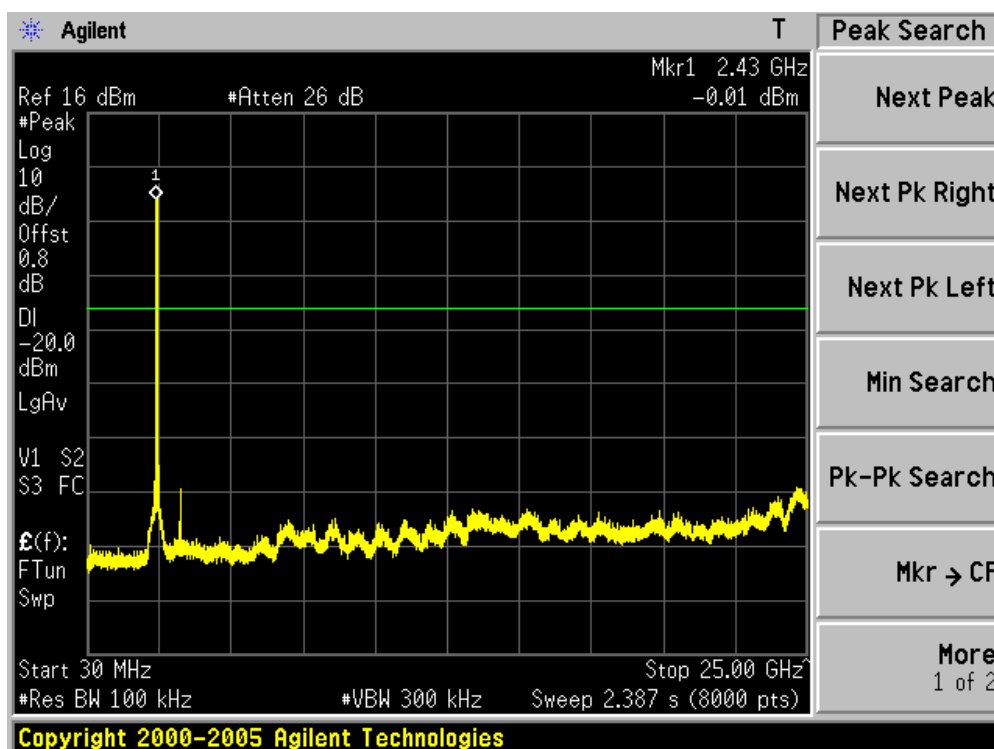


Product	:	Flip Share TV (Set Top Box)
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	AC-6
Test Mode	:	Mode 2: Transmit by 802.11g (Chain 0)

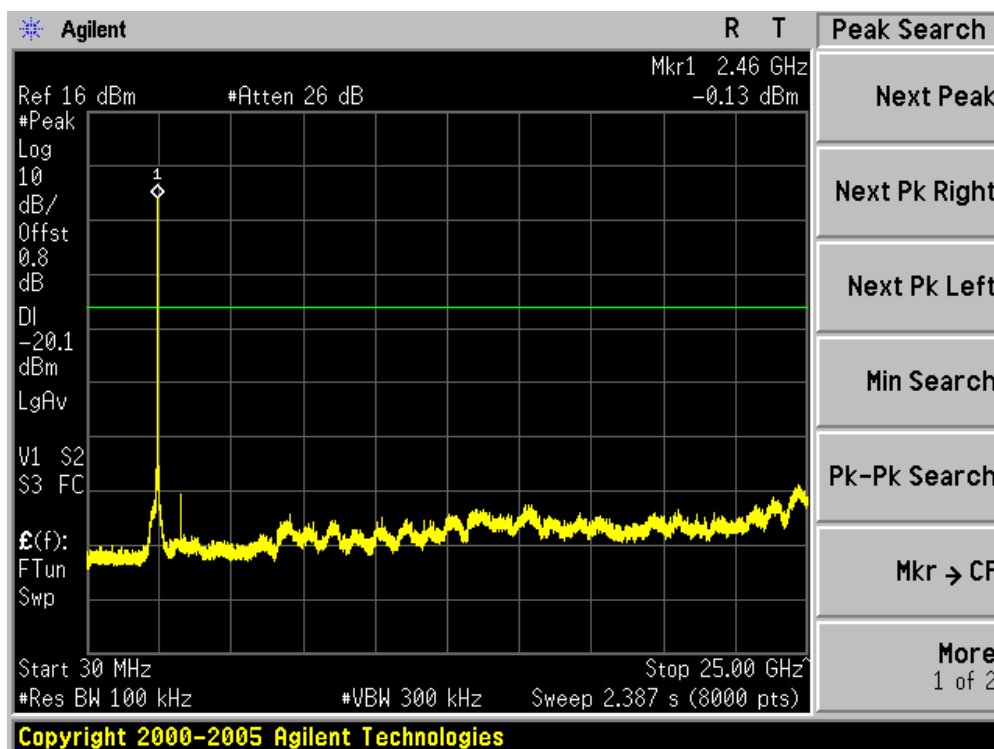
Channel 01 (2412MHz)



Channel 06 (2437MHz)

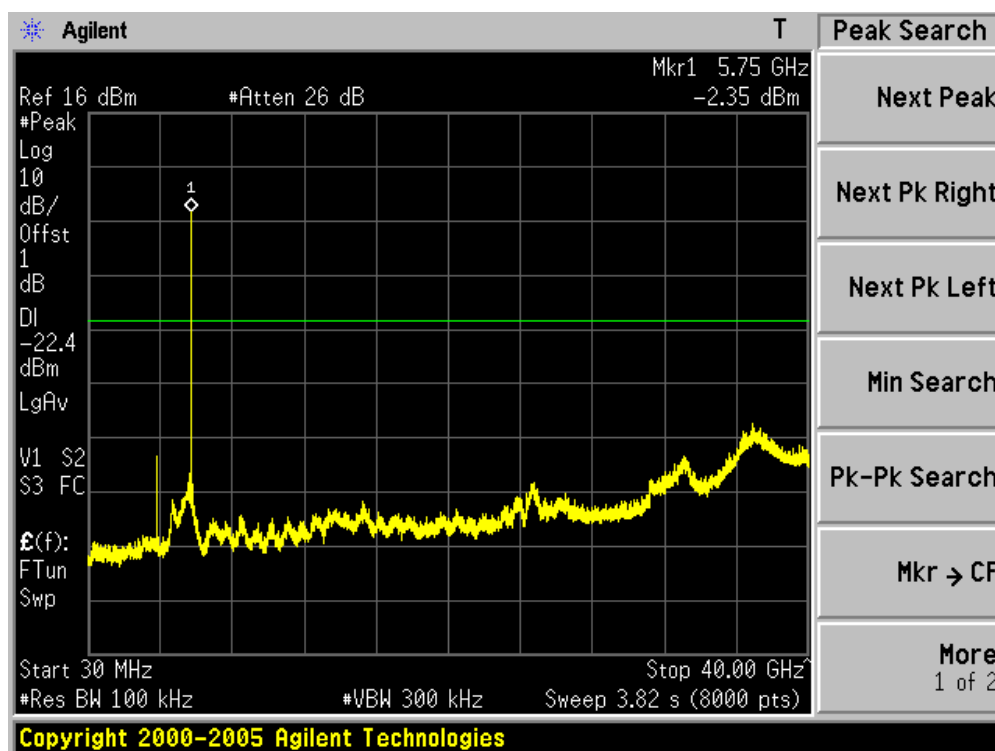


Channel 11 (2462MHz)

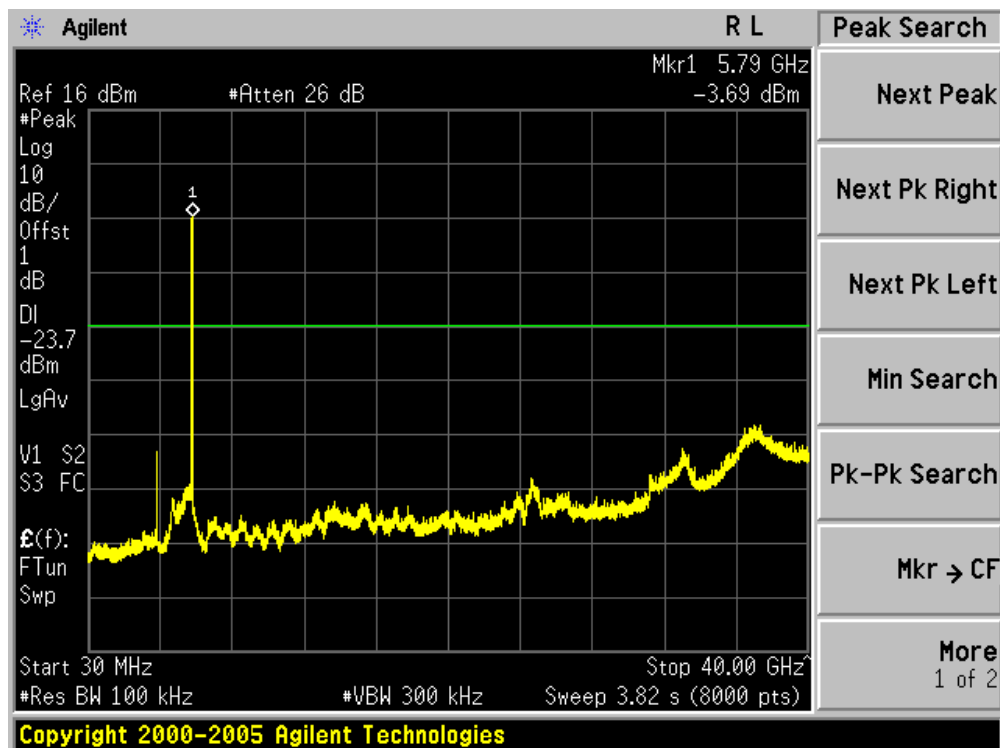


Product	:	Flip Share TV (Set Top Box)
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	AC-6
Test Mode	:	Mode 3: Transmit by 802.11a (Chain 0)

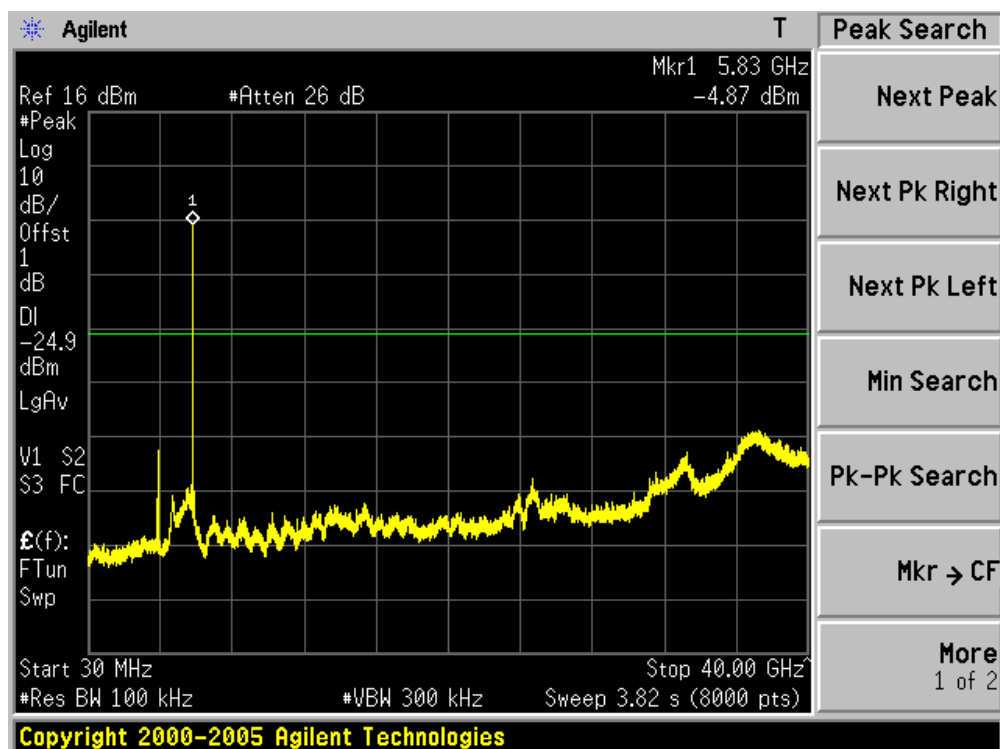
Channel 149 (5745MHz)



Channel 157 (5785MHz)

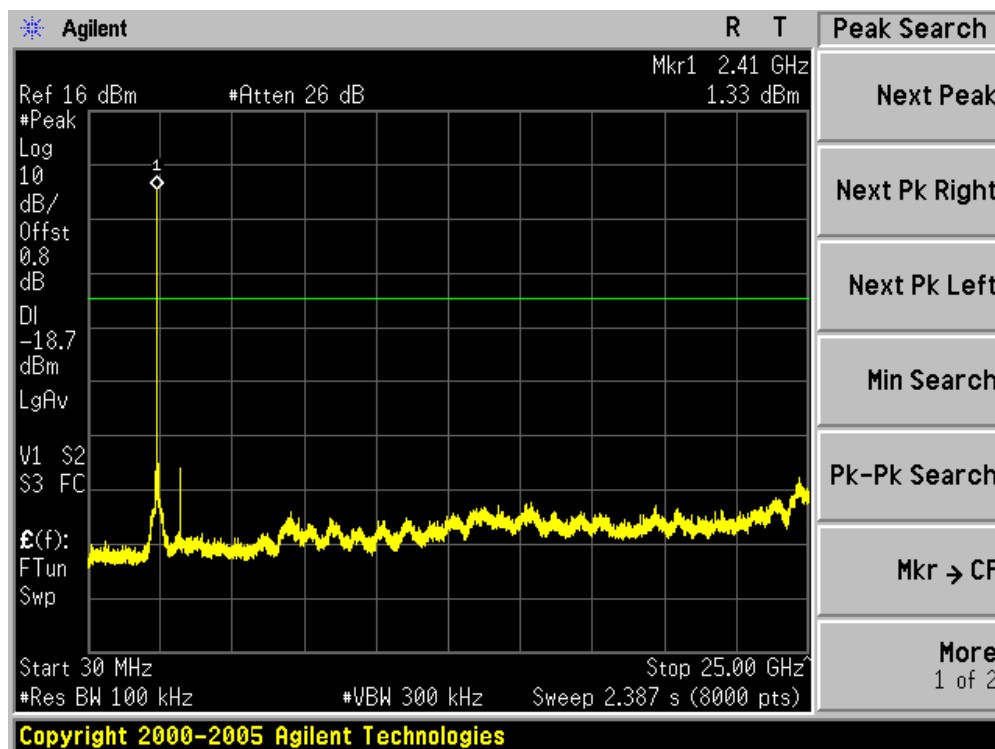


Channel 165 (5825MHz)

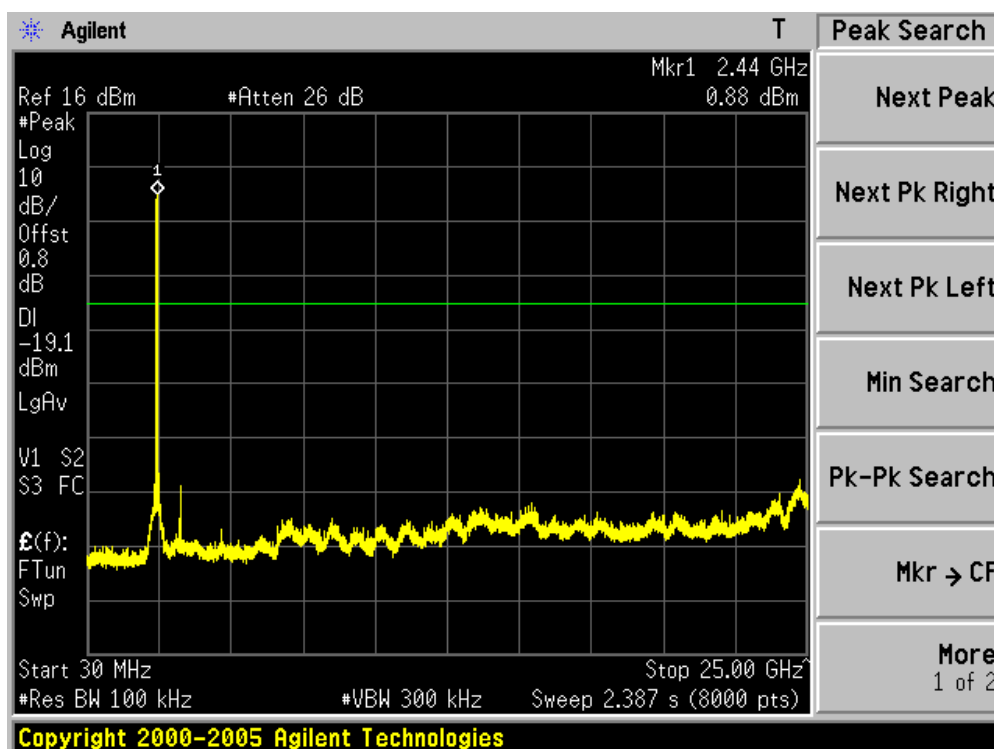


Product	:	Flip Share TV (Set Top Box)
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	AC-6
Test Mode	:	Mode 4: Transmit by 802.11n (20MHz)(Chain 0)

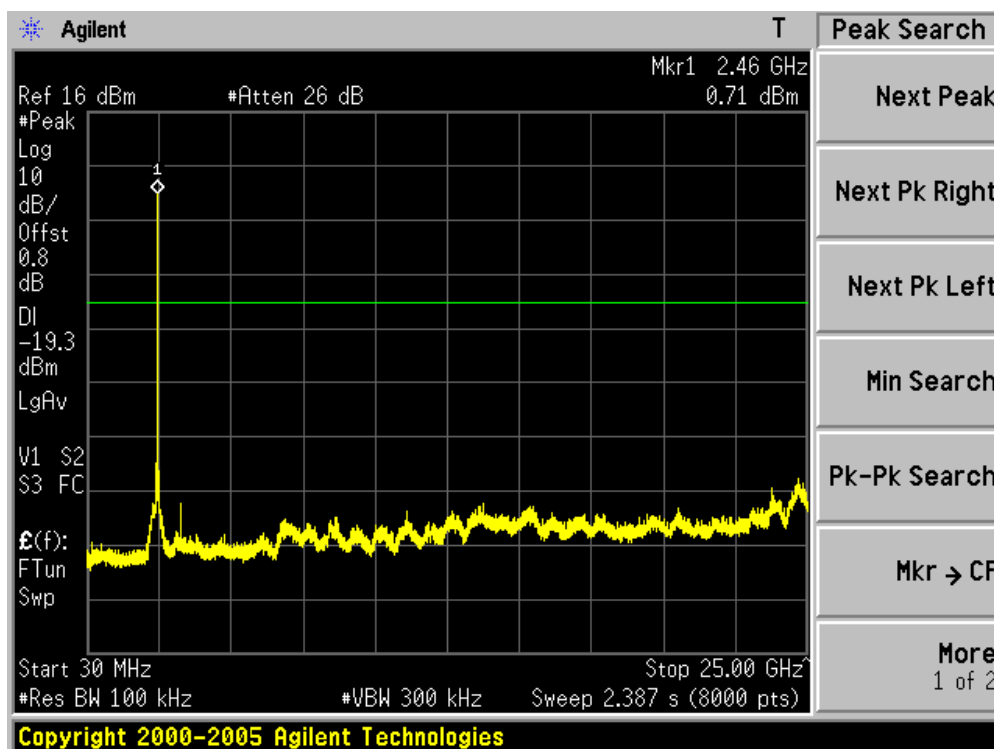
Channel 01 (2412MHz)



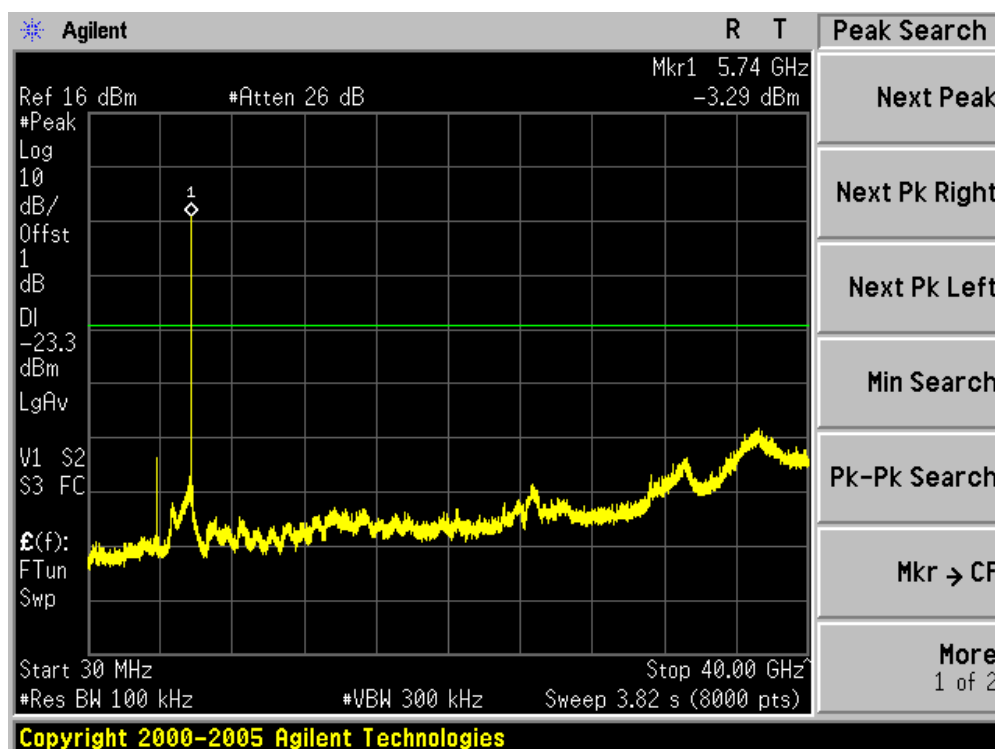
Channel 06 (2437MHz)



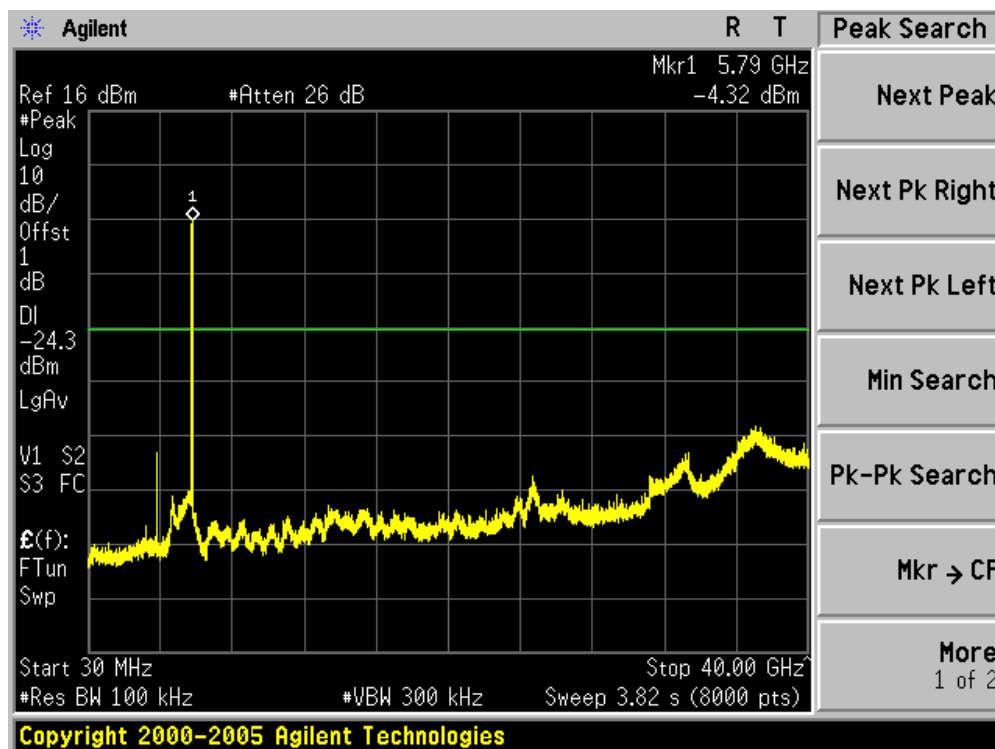
Channel 11 (2462MHz)



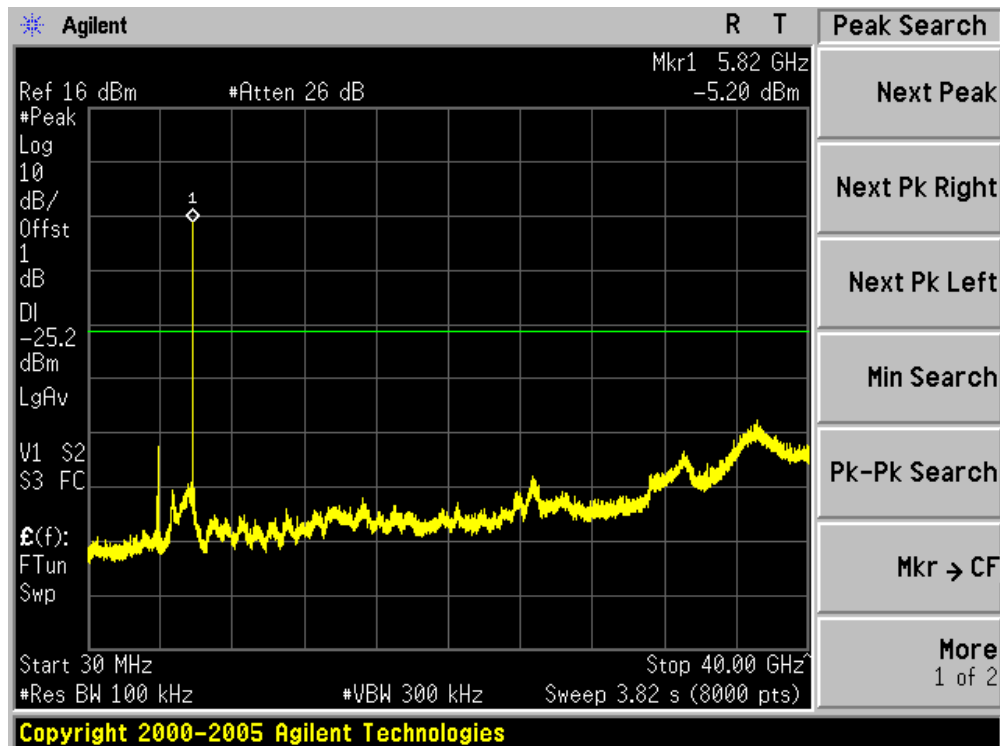
Channel 149 (5745MHz)



Channel 157 (5785MHz)

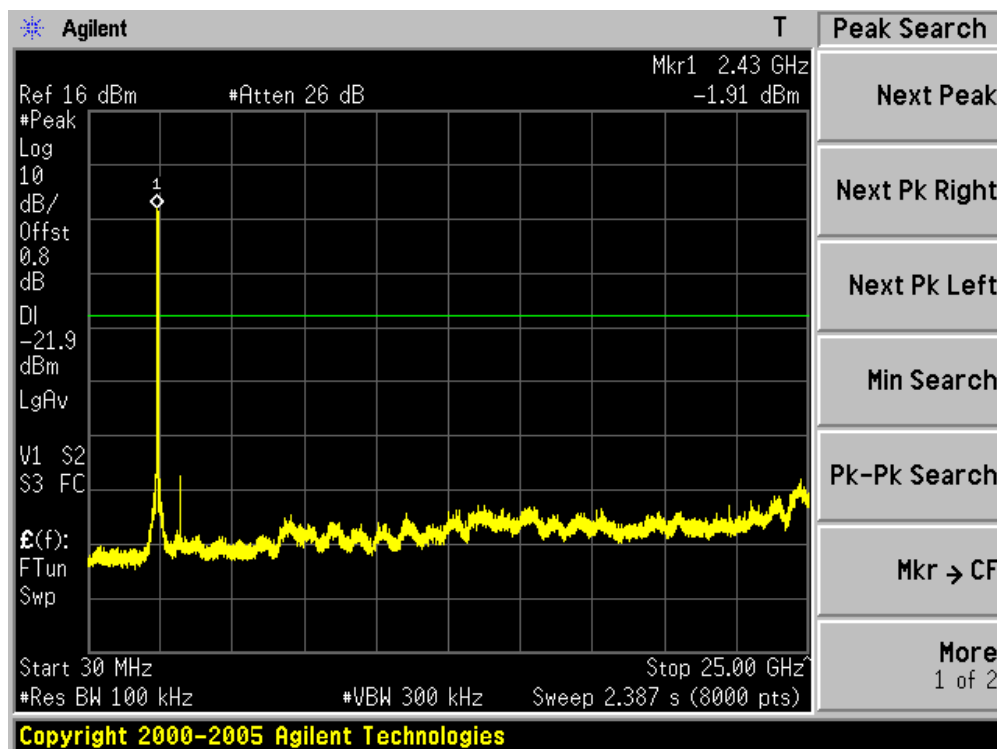


Channel 165 (5825MHz)

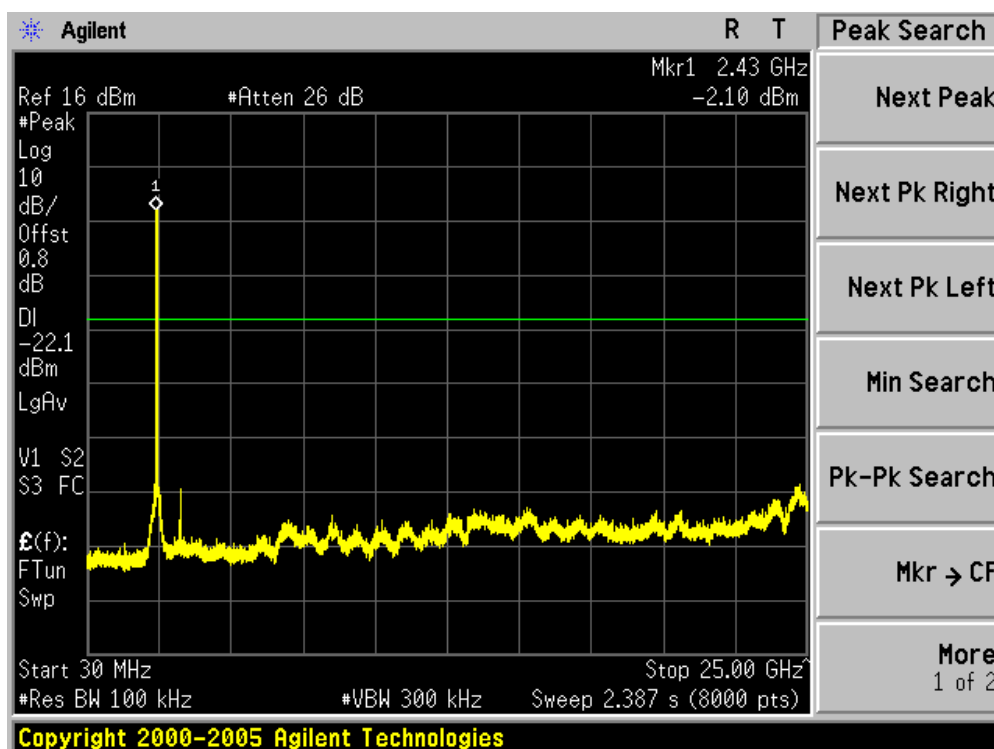


Product	:	Flip Share TV (Set Top Box)
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	AC-6
Test Mode	:	Mode 5: Transmit by 802.11n (40MHz) (Chain 0)

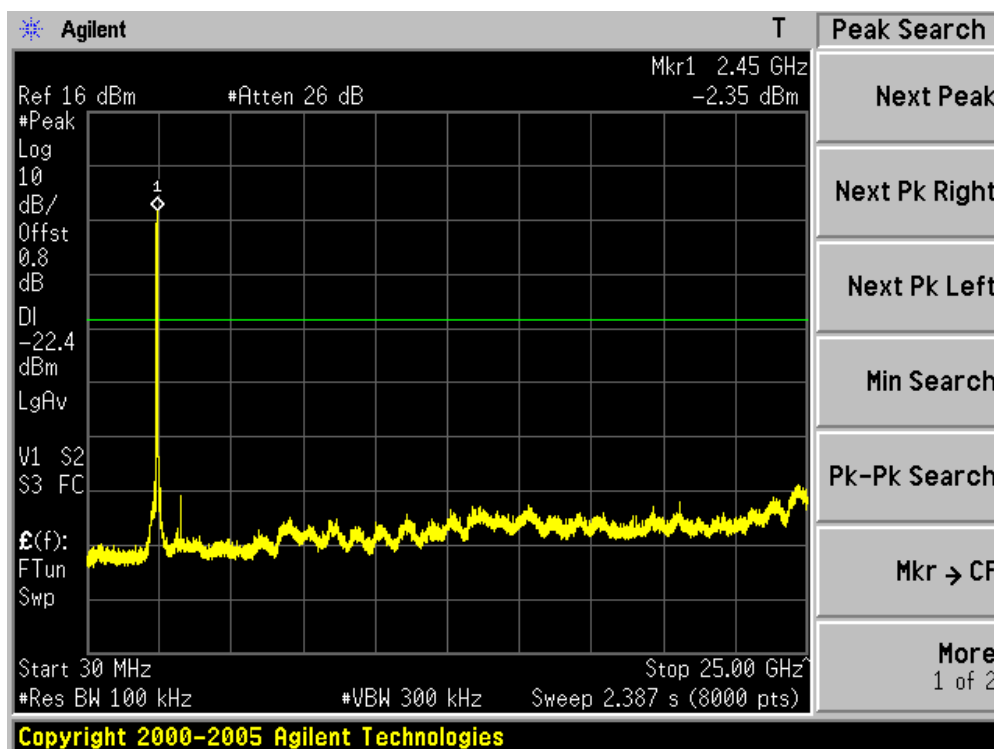
Channel 03 (2422MHz)



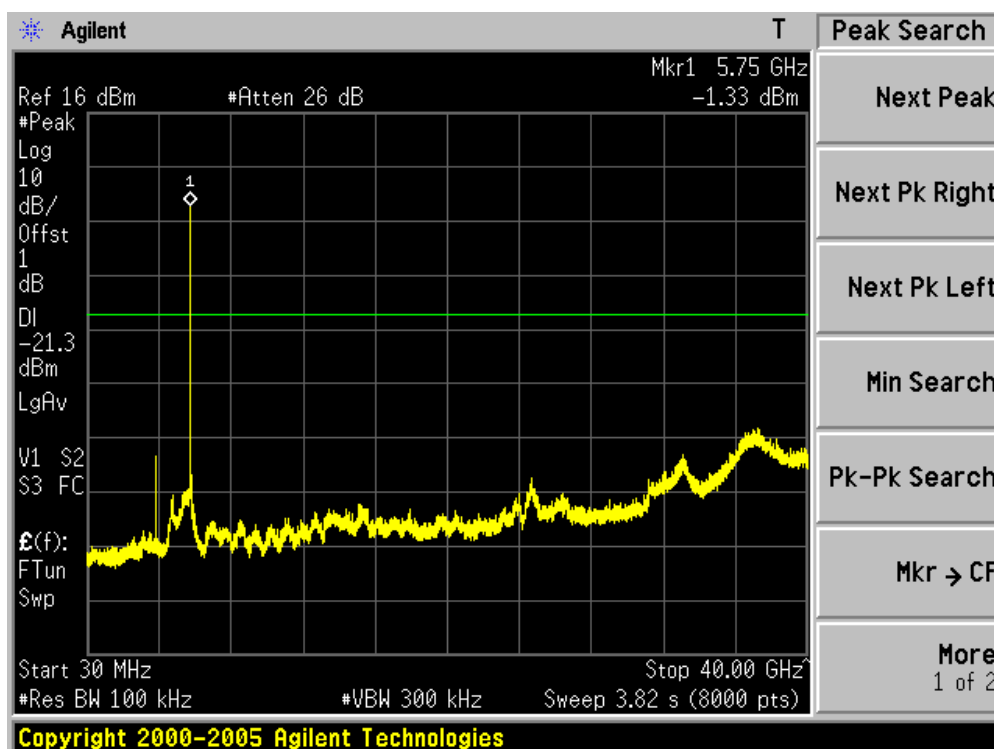
Channel 06 (2437MHz)



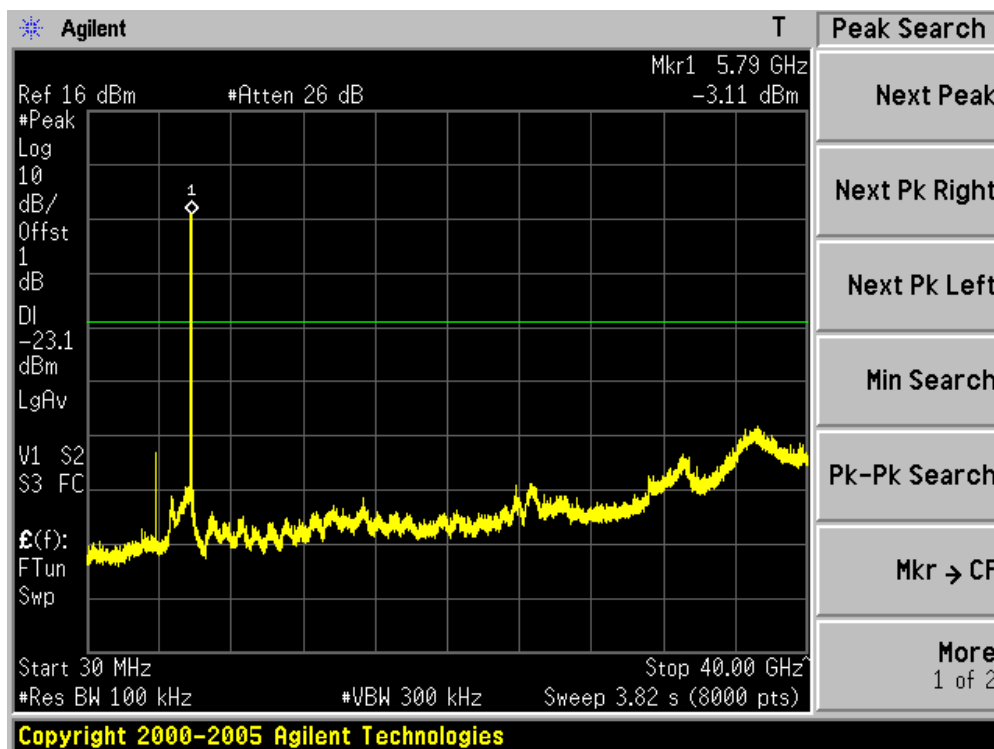
Channel 09 (2452MHz)



Channel 151 (5755MHz)

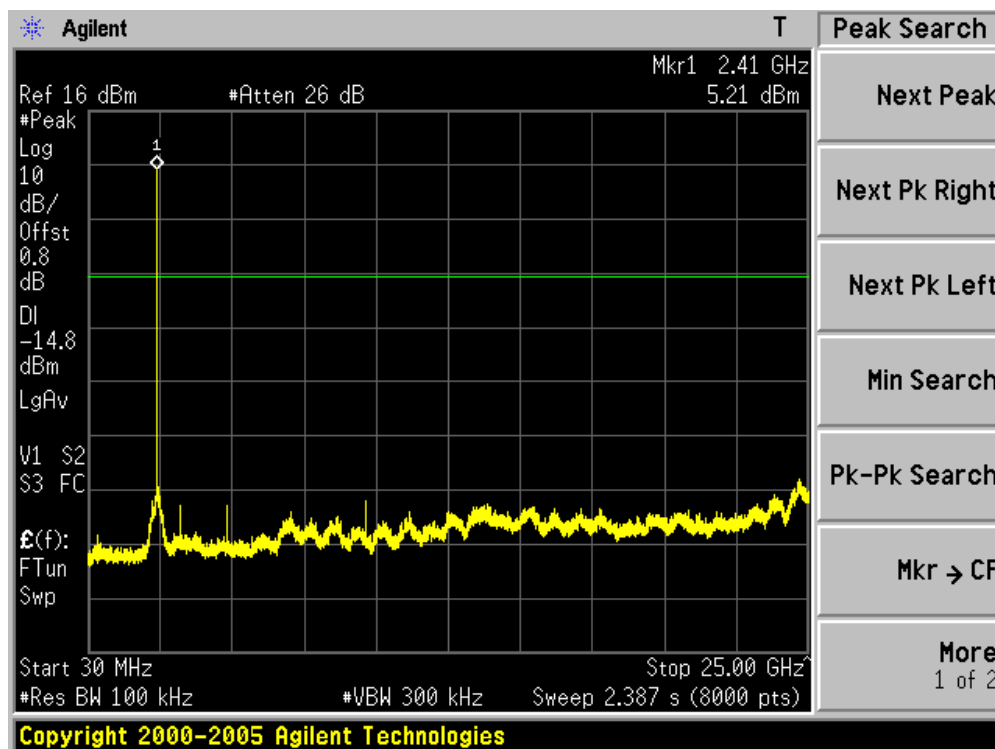


Channel 159 (5795MHz)

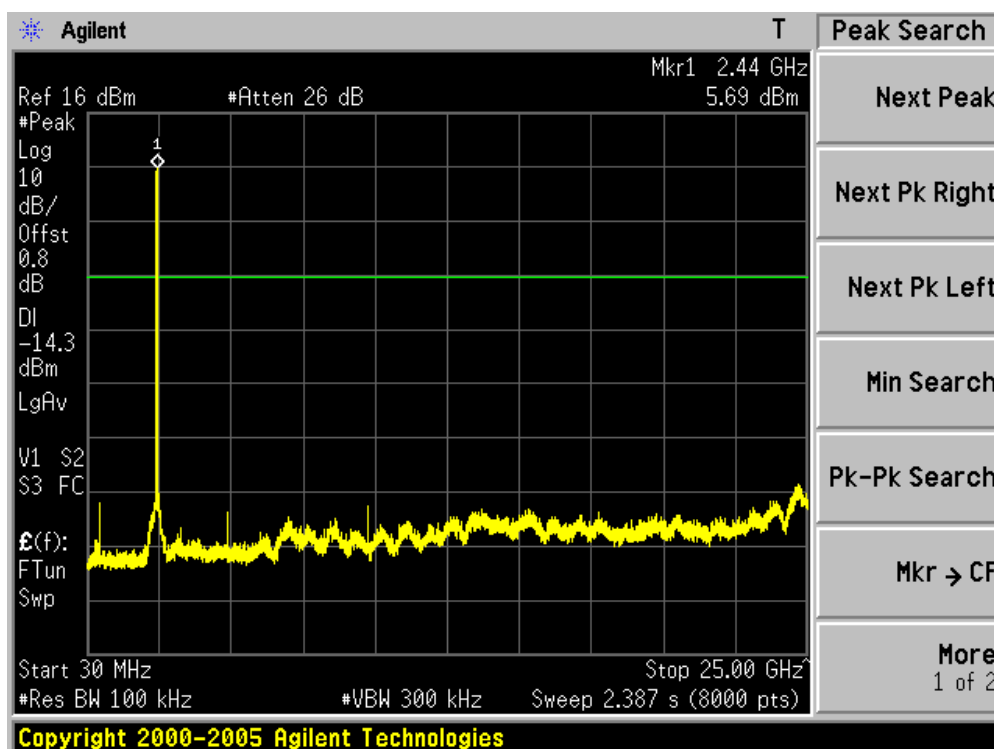


Product	:	Flip Share TV (Set Top Box)
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	AC-6
Test Mode	:	Mode 1: Transmit by 802.11b (Chain 1)

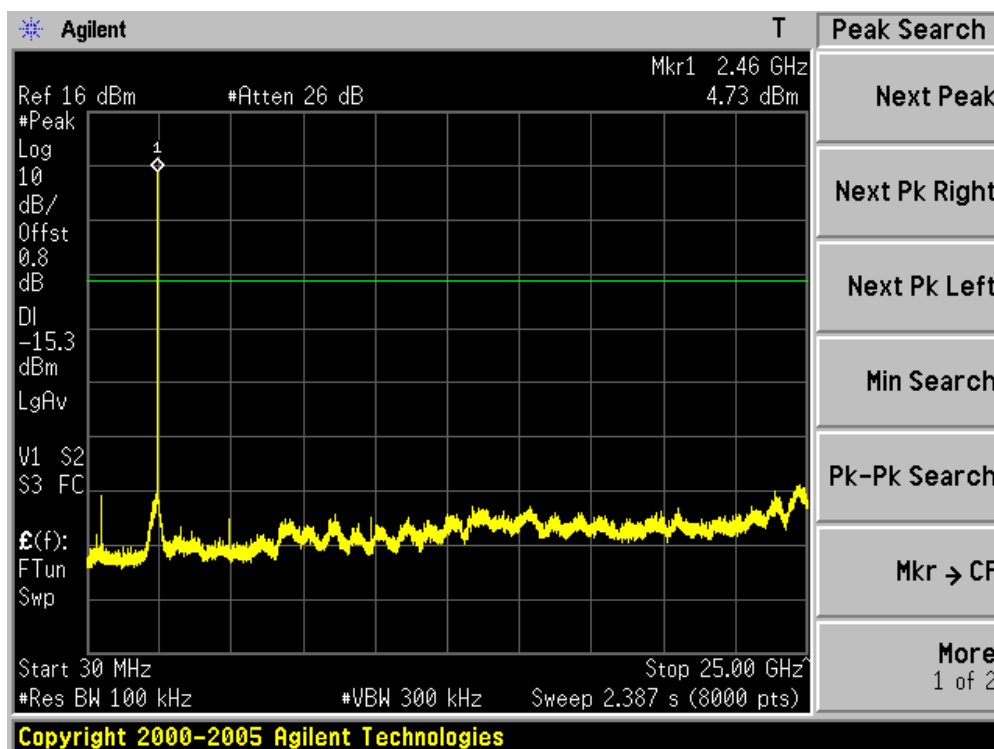
Channel 01 (2412MHz)



Channel 06 (2437MHz)

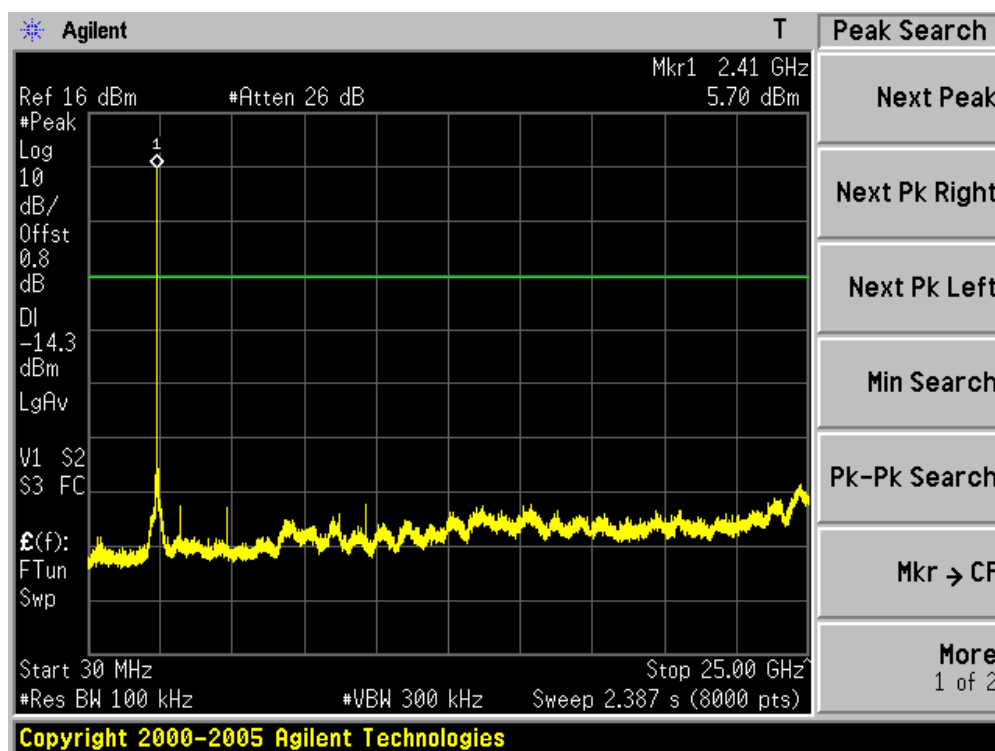


Channel 11 (2462MHz)

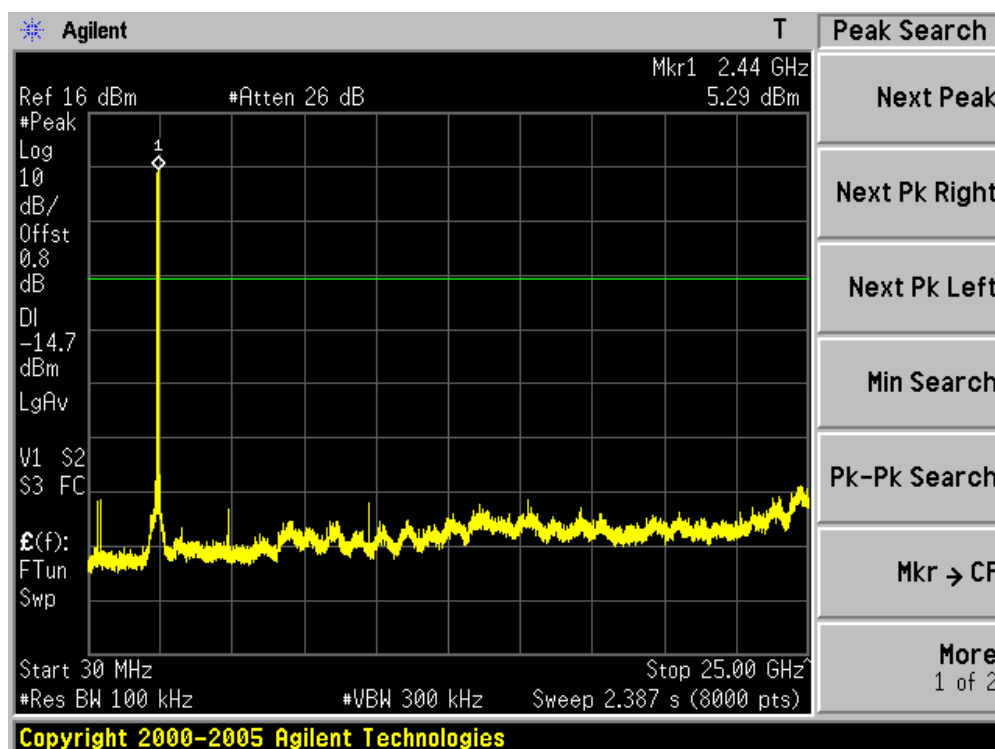


Product	:	Flip Share TV (Set Top Box)
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	AC-6
Test Mode	:	Mode 2: Transmit by 802.11g (Chain 1)

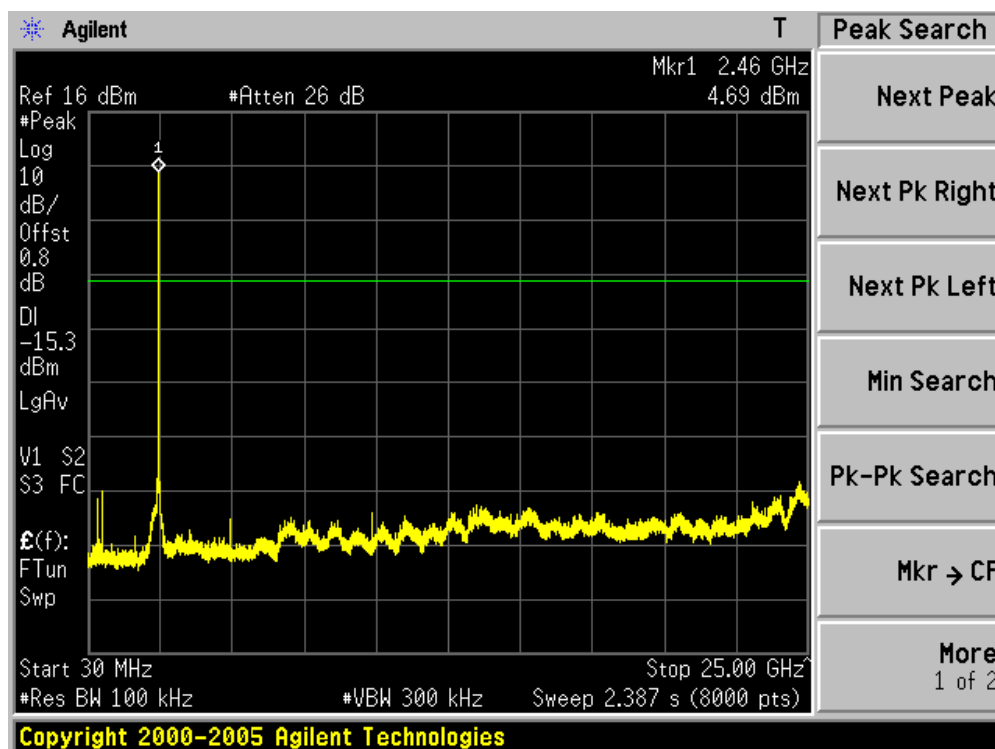
Channel 01 (2412MHz)



Channel 06 (2437MHz)

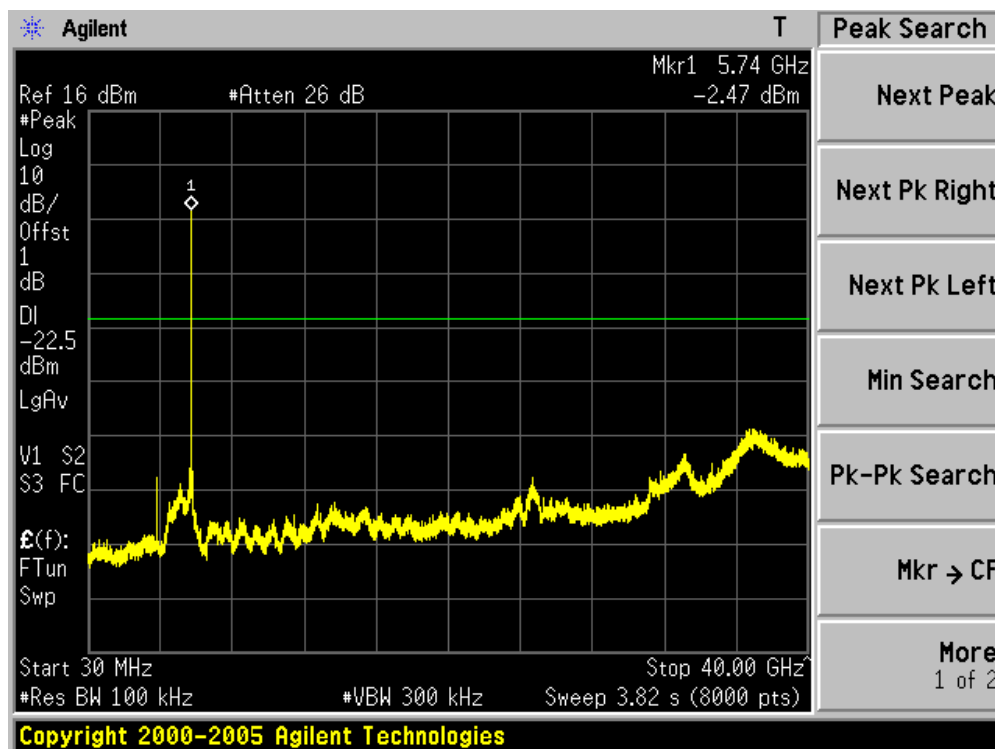


Channel 11 (2462MHz)

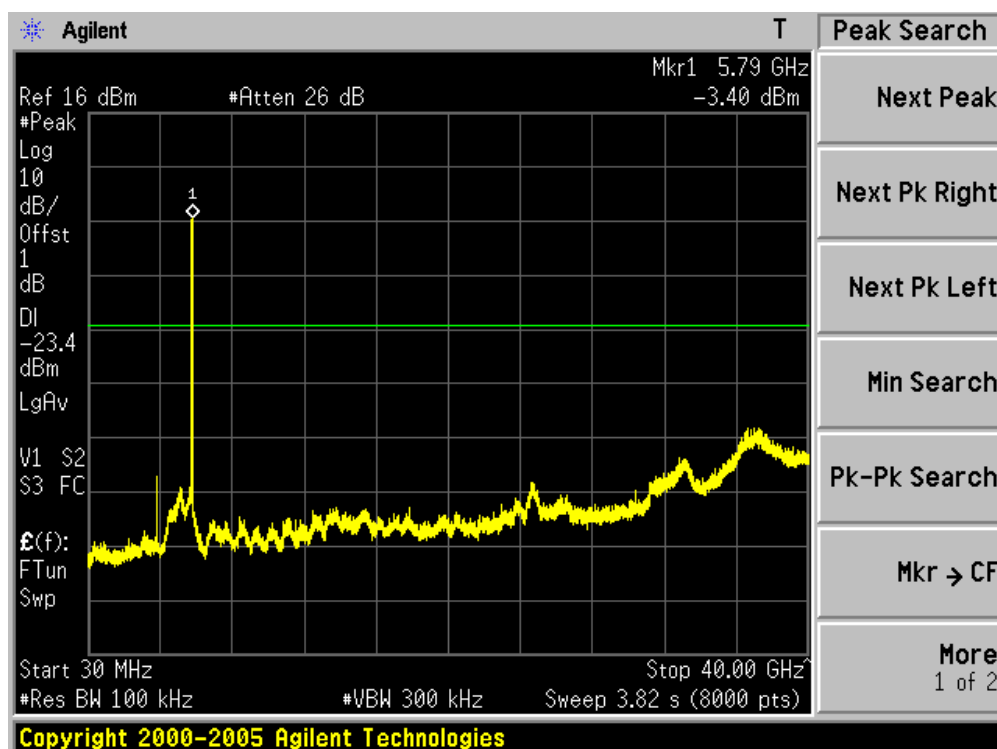


Product	:	Flip Share TV (Set Top Box)
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	AC-6
Test Mode	:	Mode 3: Transmit by 802.11a (Chain 1)

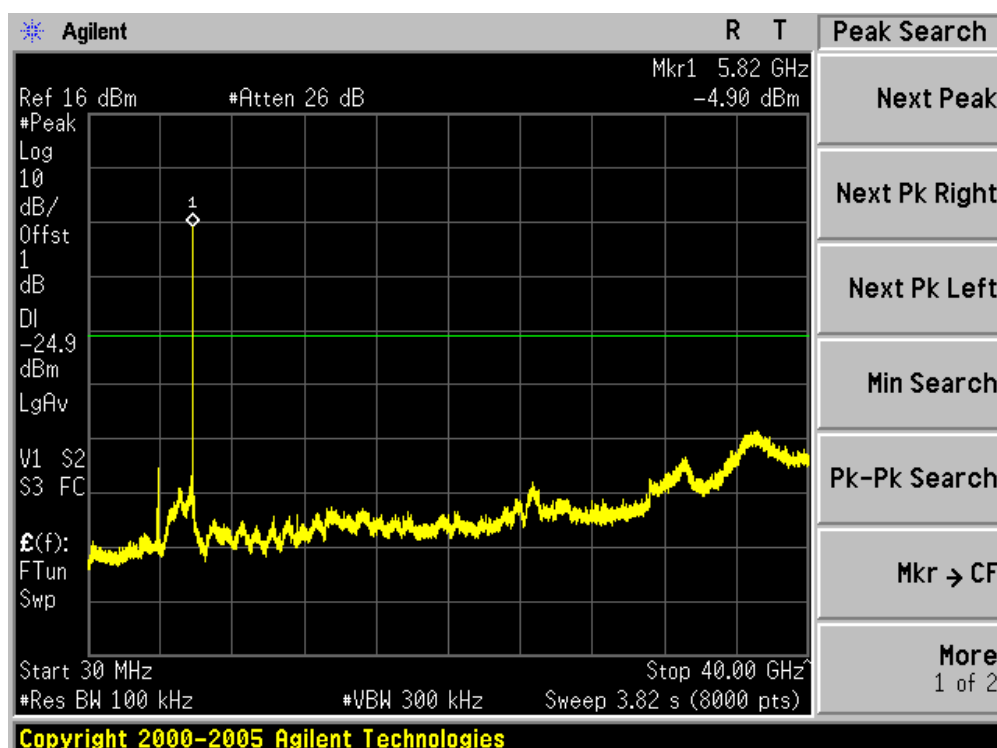
Channel 149 (5745MHz)



Channel 157 (5785MHz)

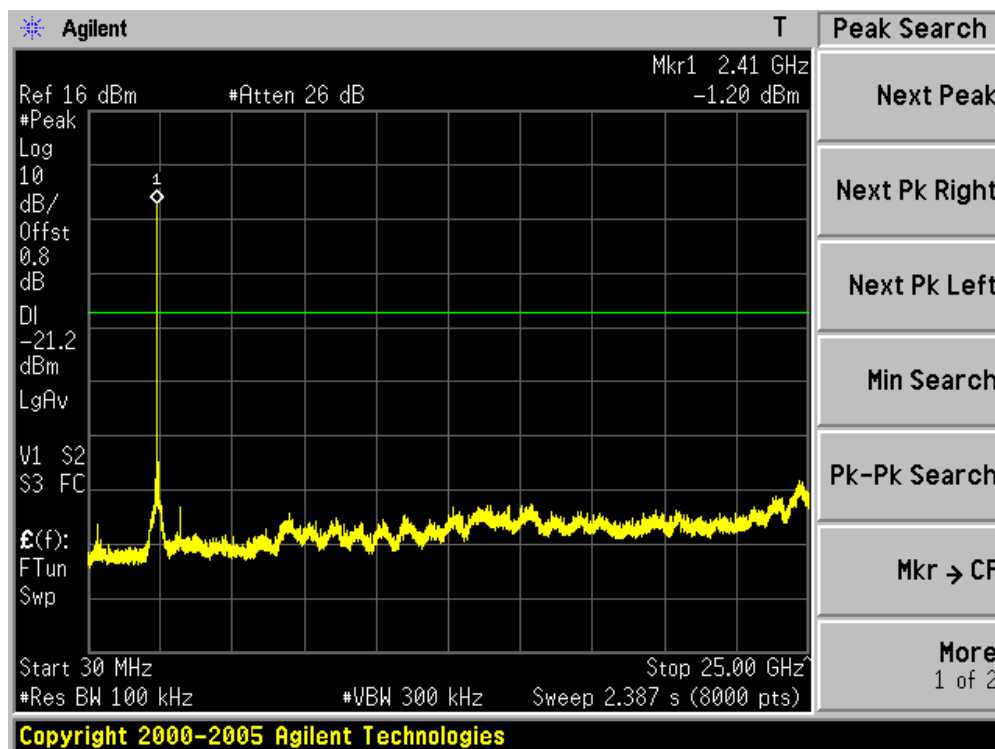


Channel 165 (5825MHz)

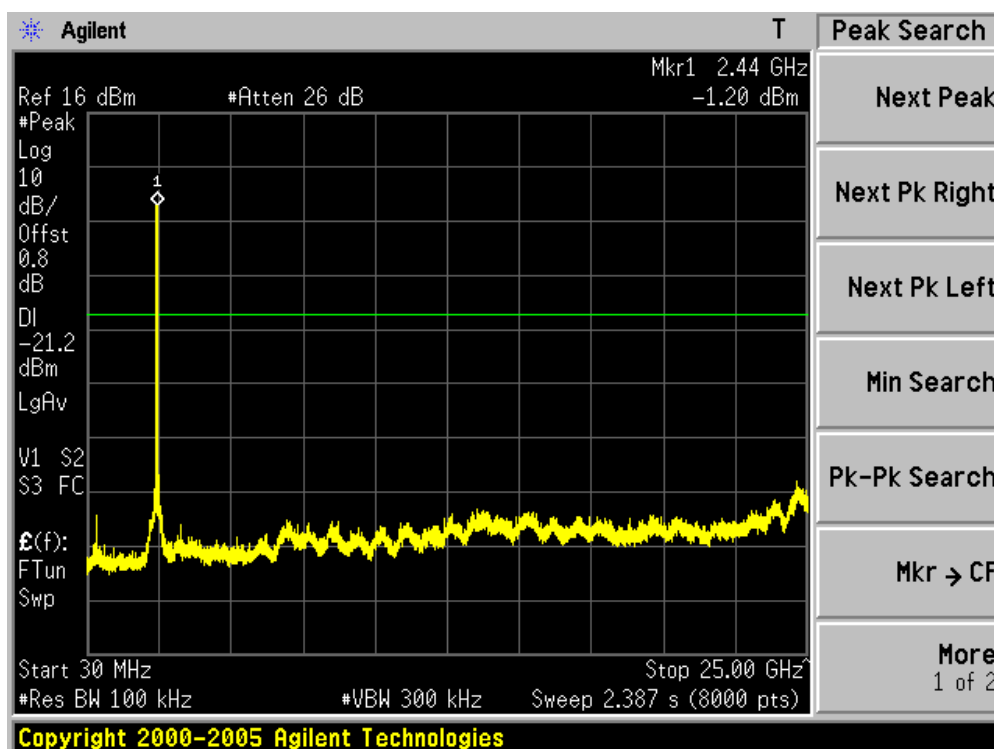


Product	:	Flip Share TV (Set Top Box)
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	AC-6
Test Mode	:	Mode 4: Transmit by 802.11n (20MHz) (Chain 1)

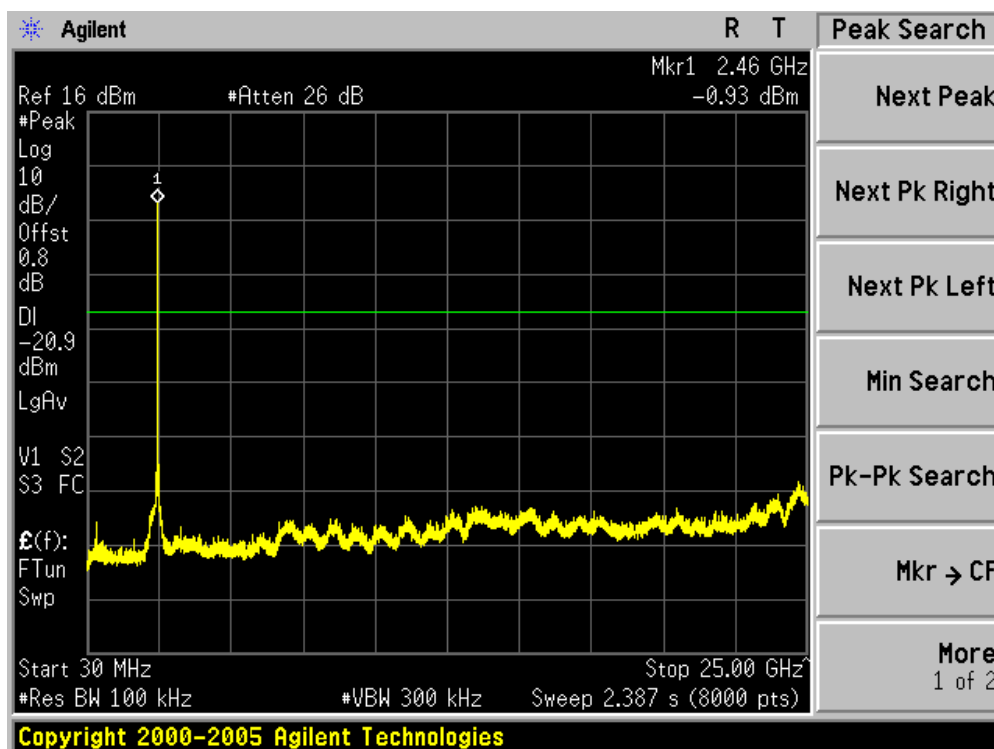
Channel 01 (2412MHz)



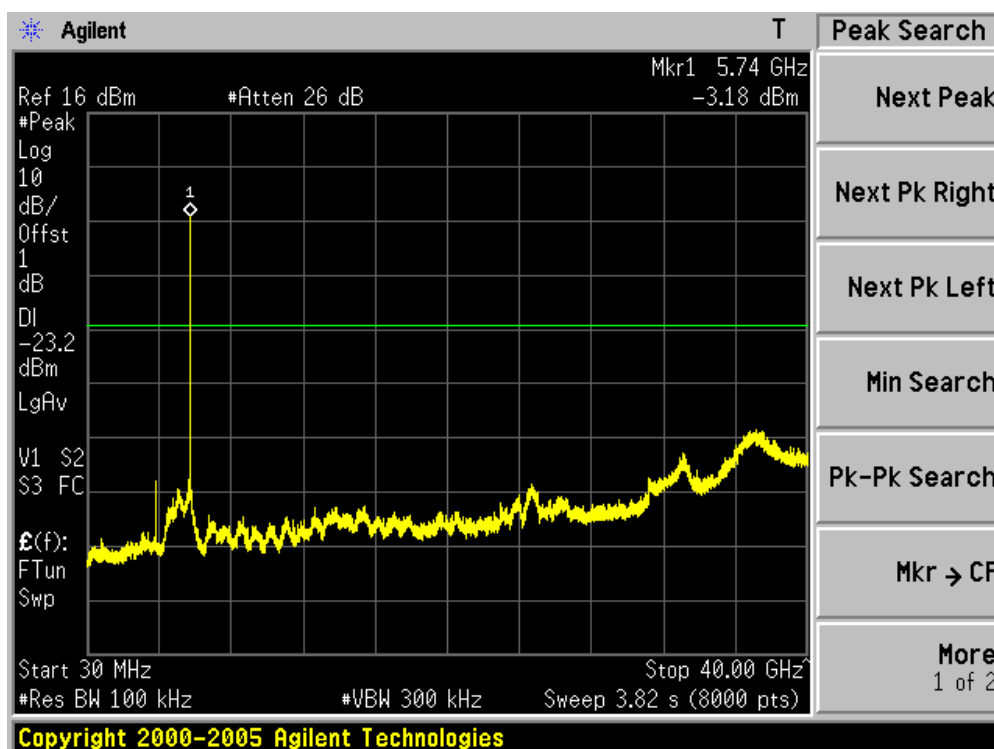
Channel 06 (2437MHz)



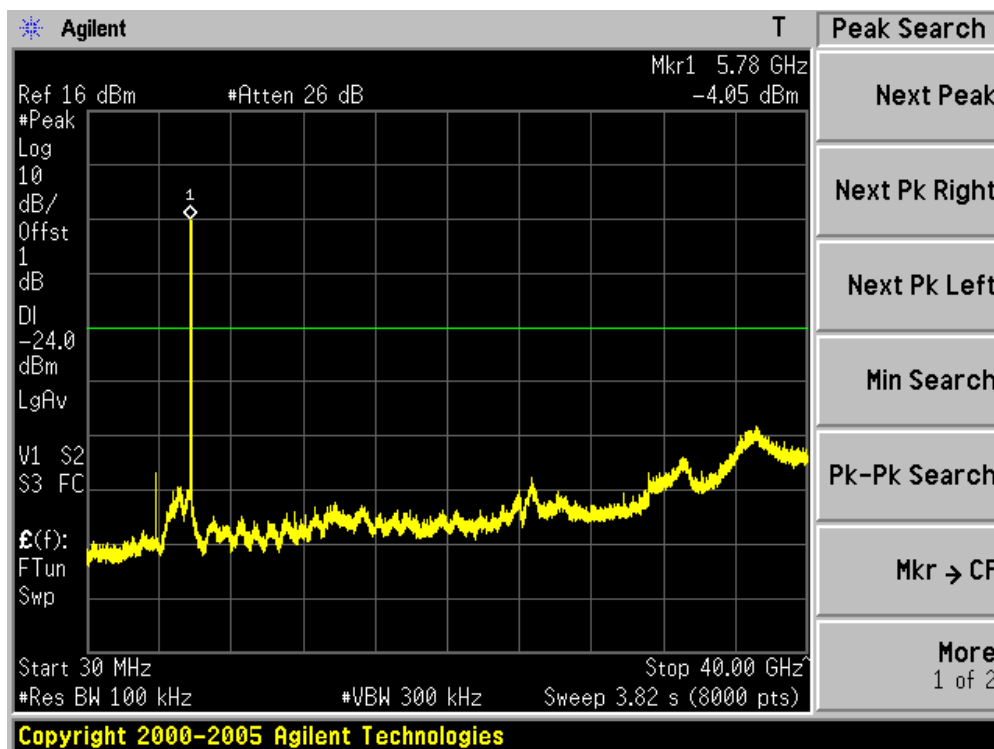
Channel 11 (2462MHz)



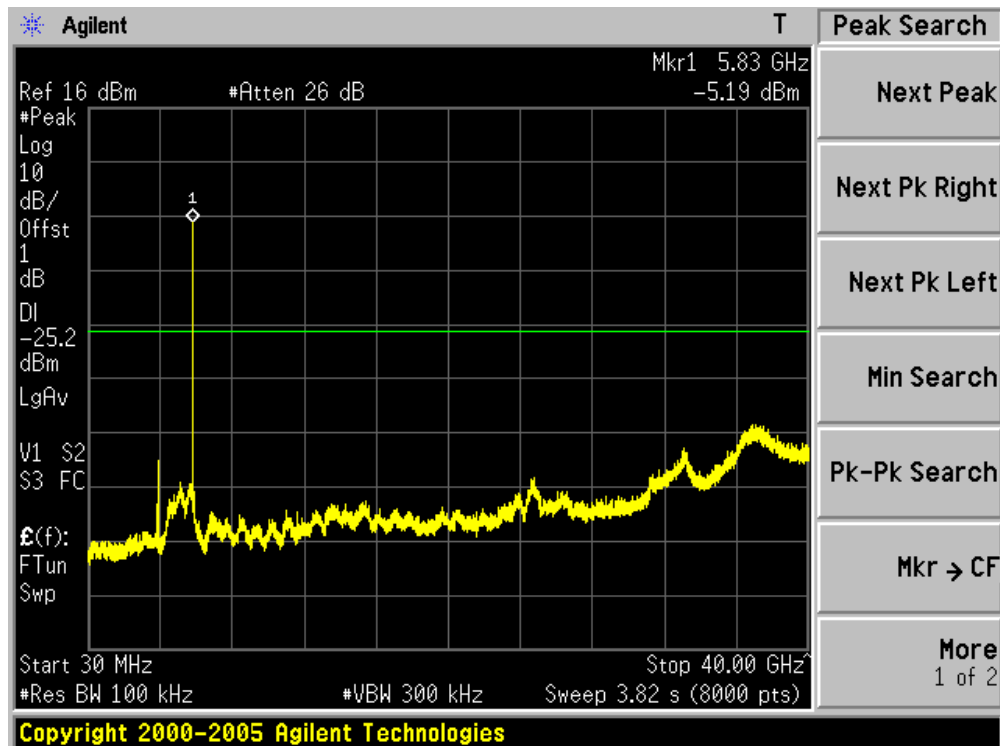
Channel 149 (5745MHz)



Channel 157 (5785MHz)

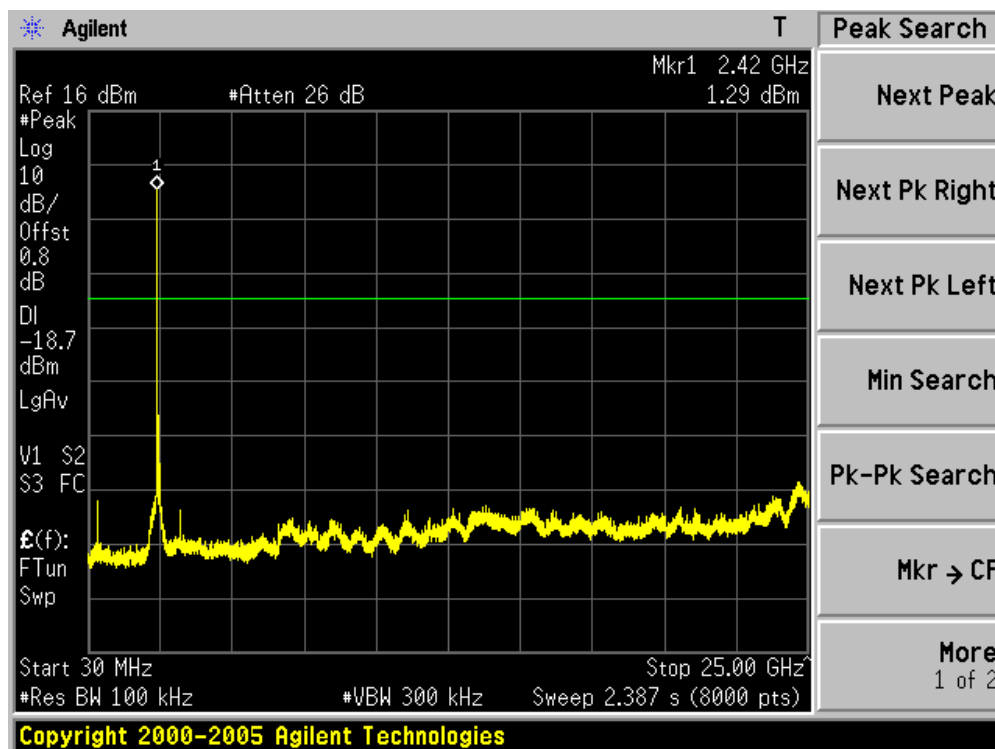


Channel 165 (5825MHz)

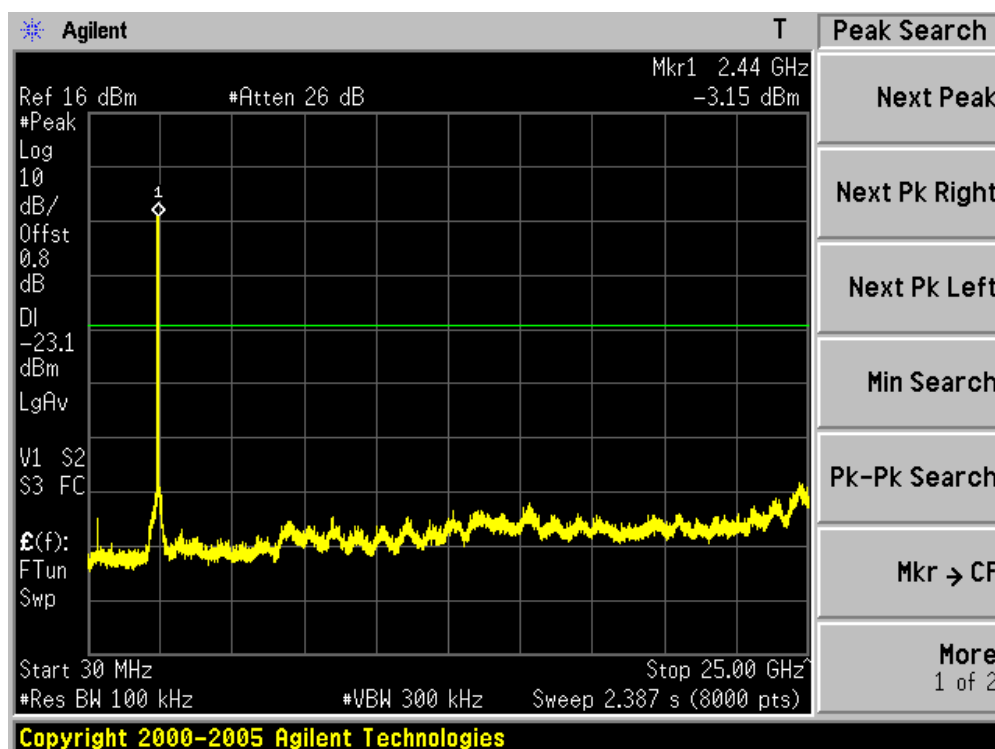


Product	:	Flip Share TV (Set Top Box)
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	AC-6
Test Mode	:	Mode 5: Transmit by 802.11n (40MHz) (Chain 1)

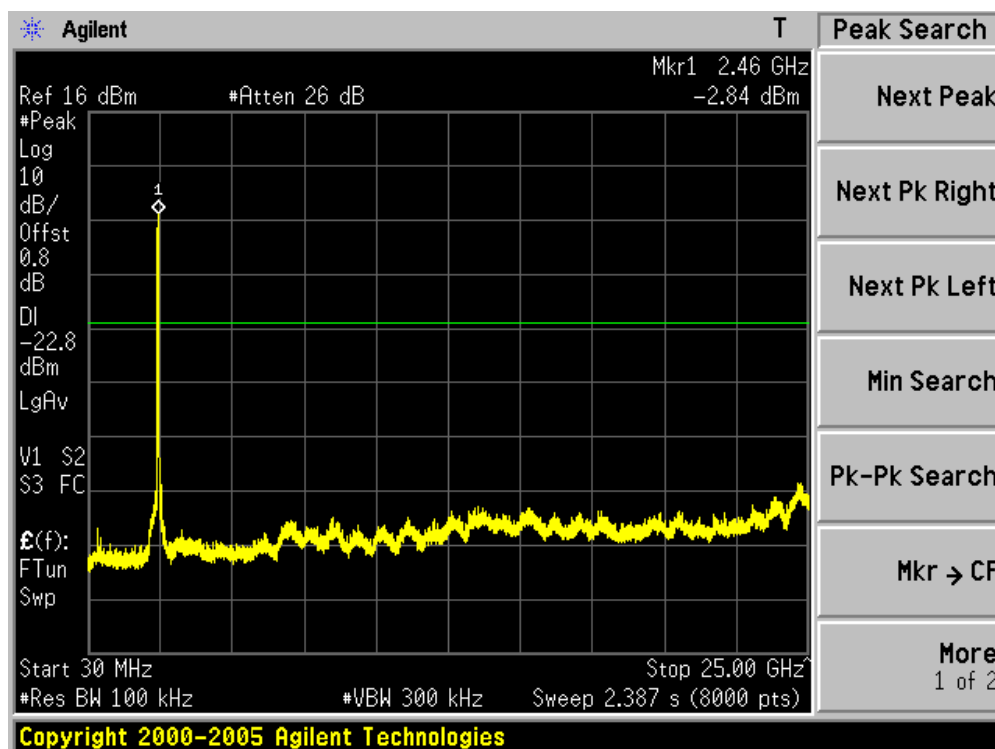
Channel 03 (2422MHz)



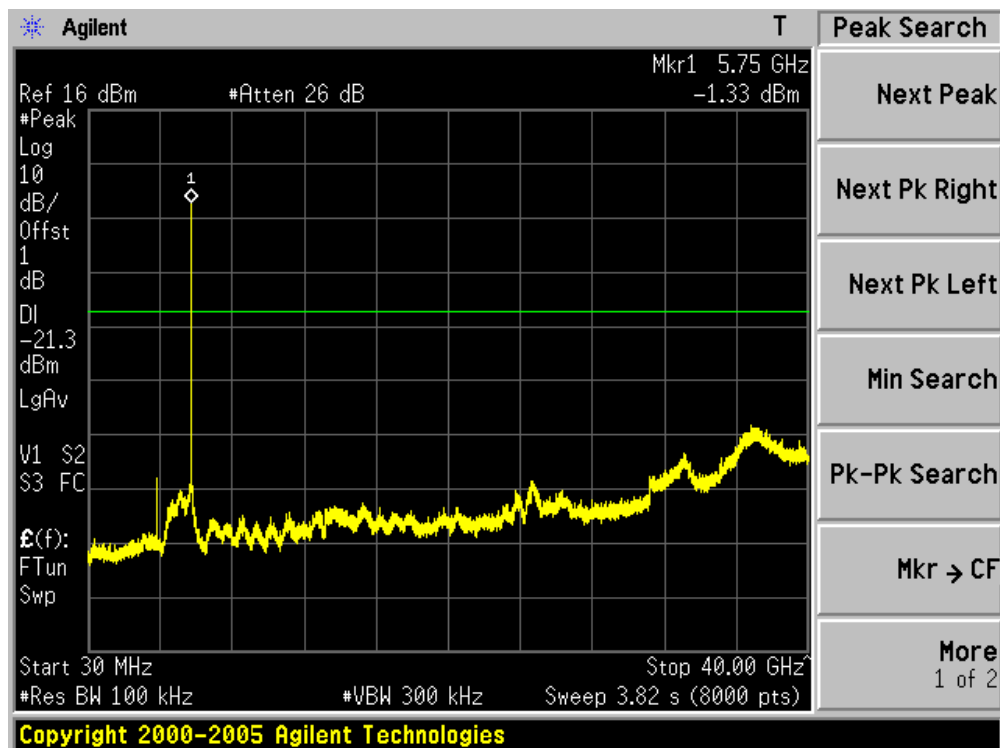
Channel 06 (2437MHz)



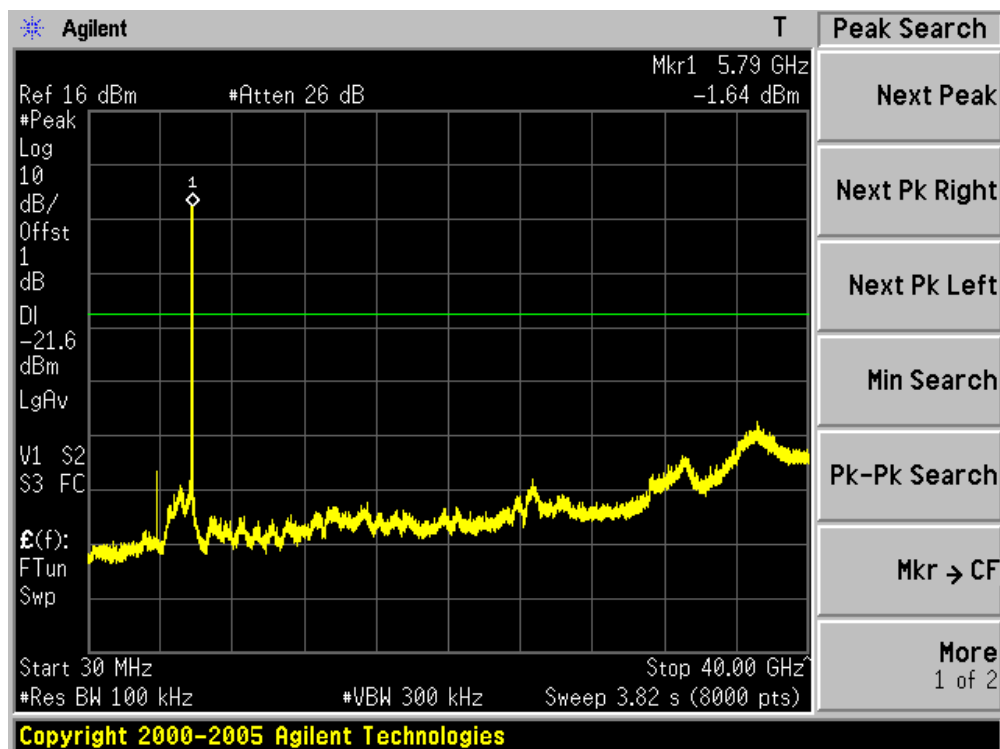
Channel 09 (2452MHz)



Channel 151 (5755MHz)



Channel 159 (5795MHz)



6. Radiated Emission Band Edge

6.1. Test Equipment

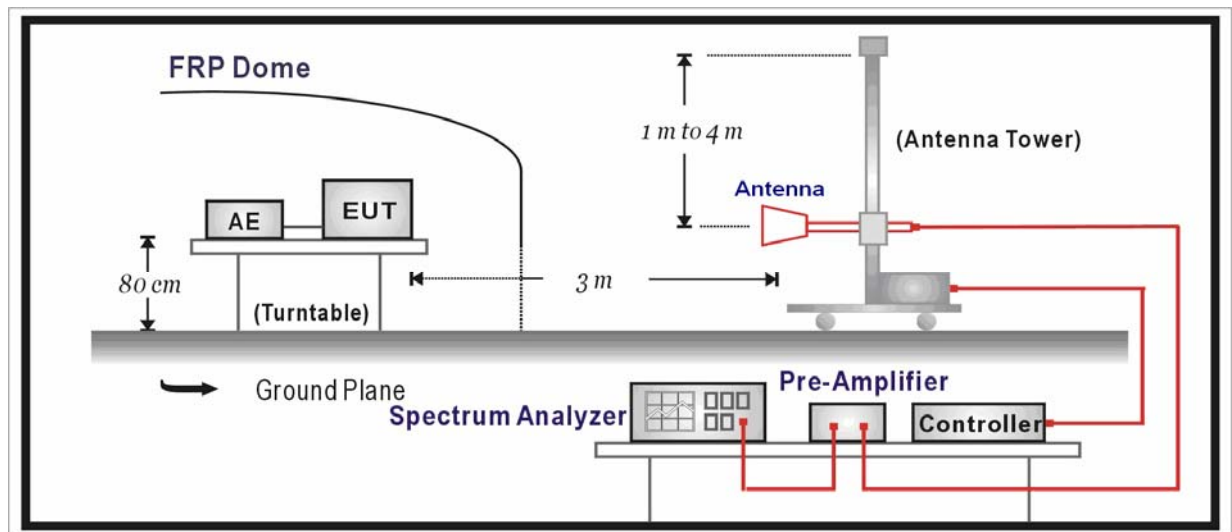
☒ Radiated Emission / AC-2

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

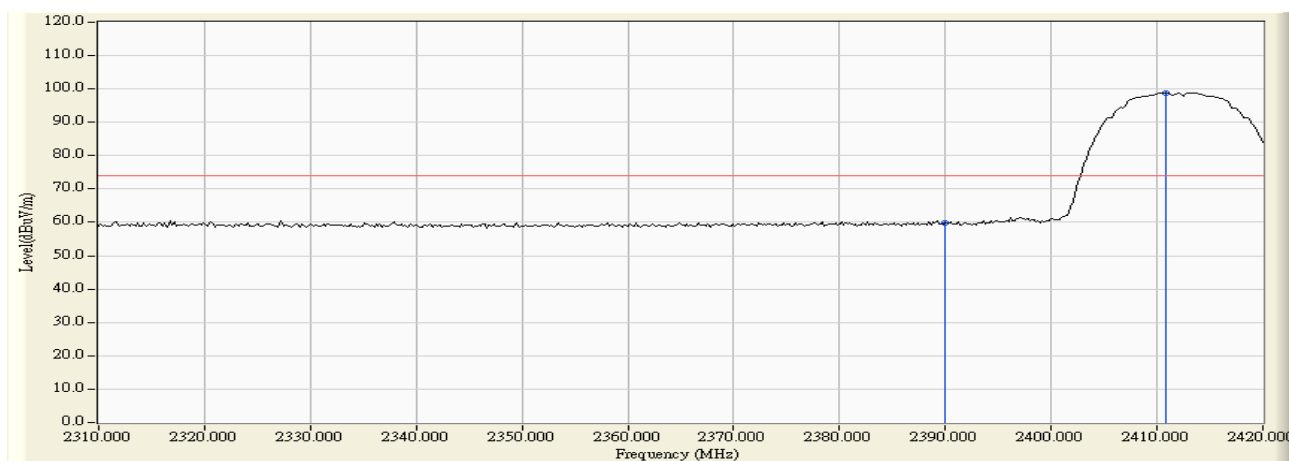
The measurement uncertainty above 1G is defined as ± 3.9 dB

6.6. Test Result

Peak detector: RBW = 1MHz, VBW = 3MHz, sweep time = 200ms;

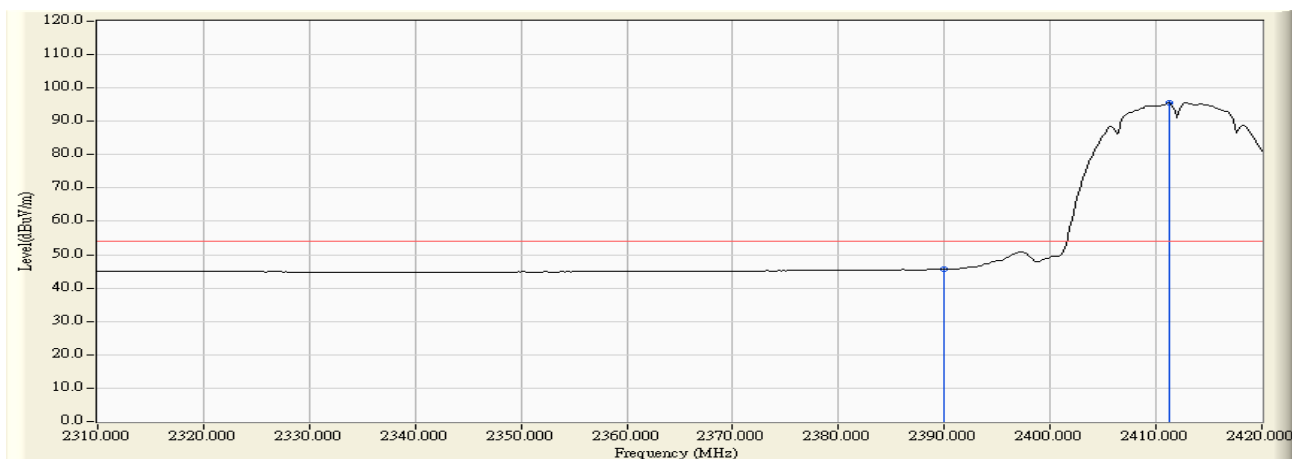
Average detector: RBW = 1MHz, VBW = 10Hz, sweep time = auto.

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 18:48
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 1: Transmit at channel 2412MHz by 802.11b(Chain 0)



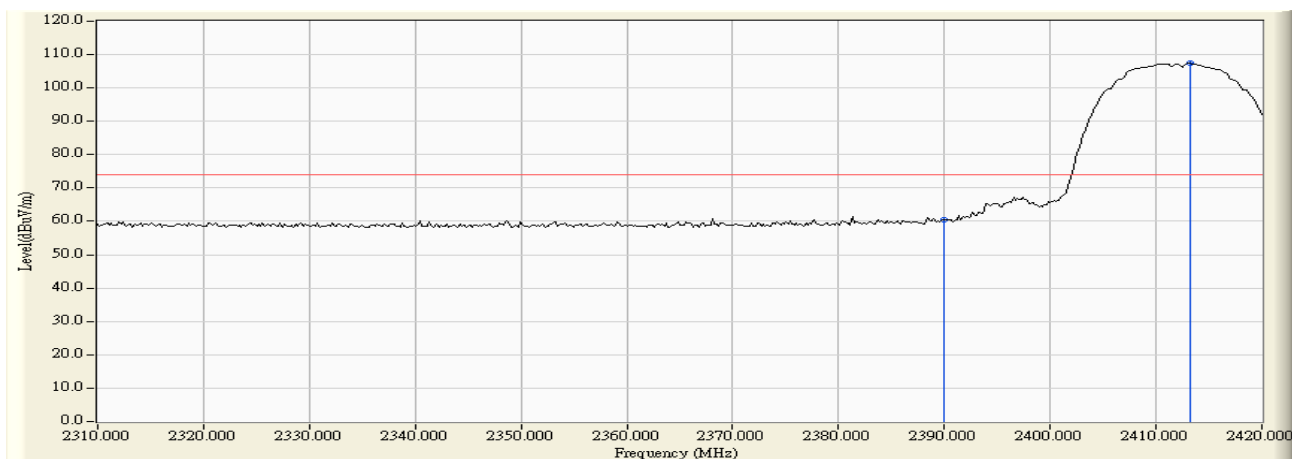
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	28.690	59.874	-14.096	73.970	PEAK
2	*	2410.833	31.189	67.705	98.894	N/A	N/A	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 18:49
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 1: Transmit at channel 2412MHz by 802.11b(Chain 0)



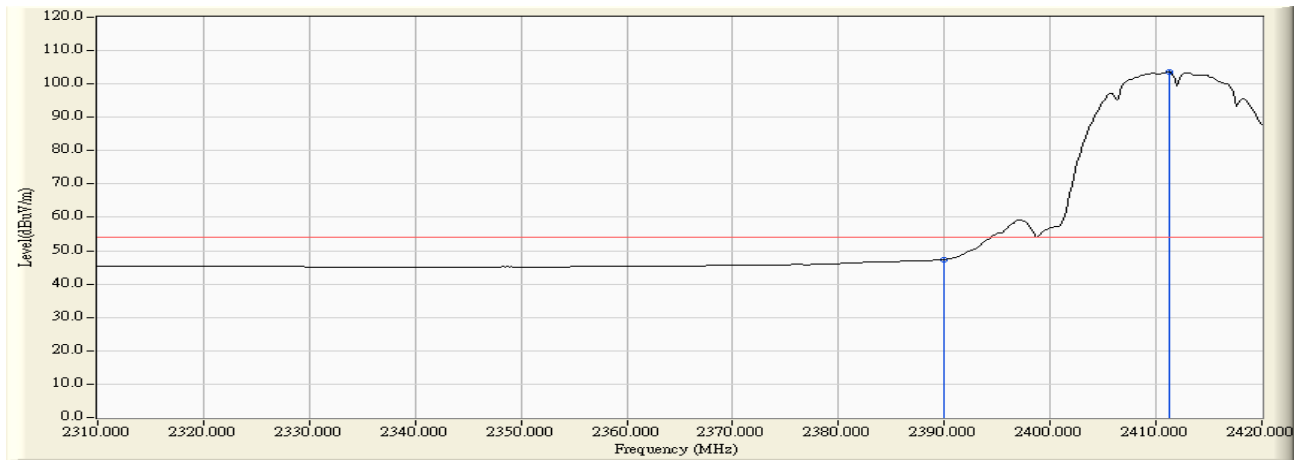
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	14.461	45.645	-8.325	53.970	AVERAGE
2	*	2411.200	31.190	64.231	95.421	N/A	N/A	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 18:53
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 1: Transmit at channel 2412MHz by 802.11b(Chain 0)



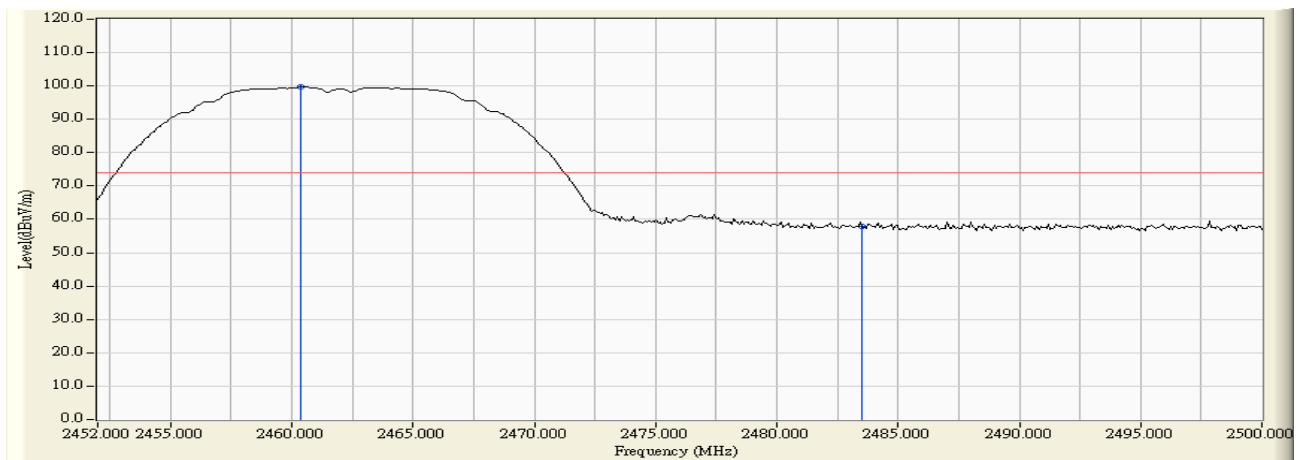
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	29.268	60.452	-13.518	73.970	PEAK
2	*	2413.217	31.192	76.135	107.326	N/A	N/A	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 18:53
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 1: Transmit at channel 2412MHz by 802.11b(Chain 0)



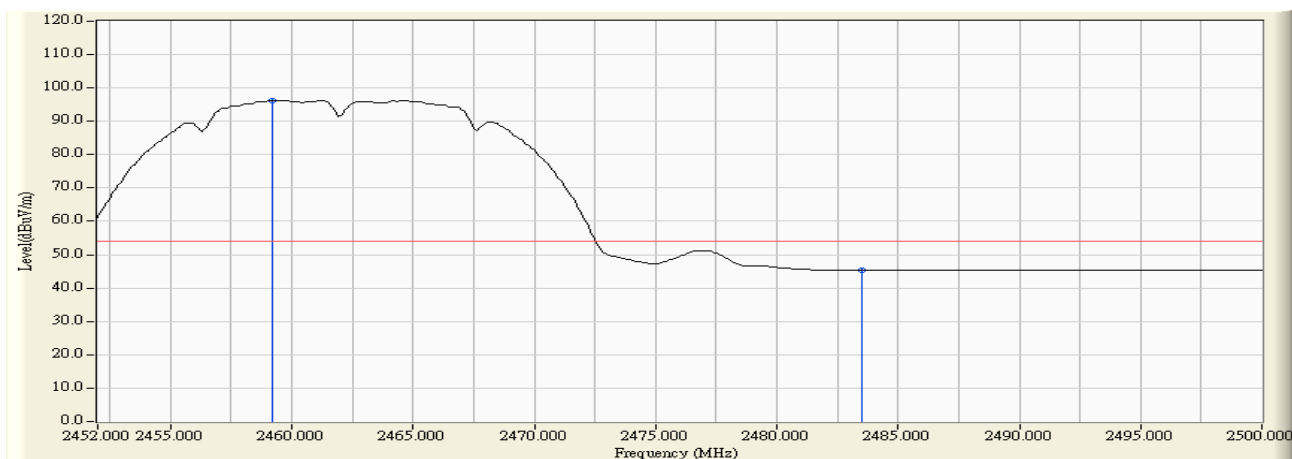
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	16.229	47.413	-6.557	53.970	AVERAGE
2	*	2411.200	31.190	72.464	103.654	N/A	N/A	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 18:56
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 1: Transmit at channel 2462MHz by 802.11b(Chain 0)



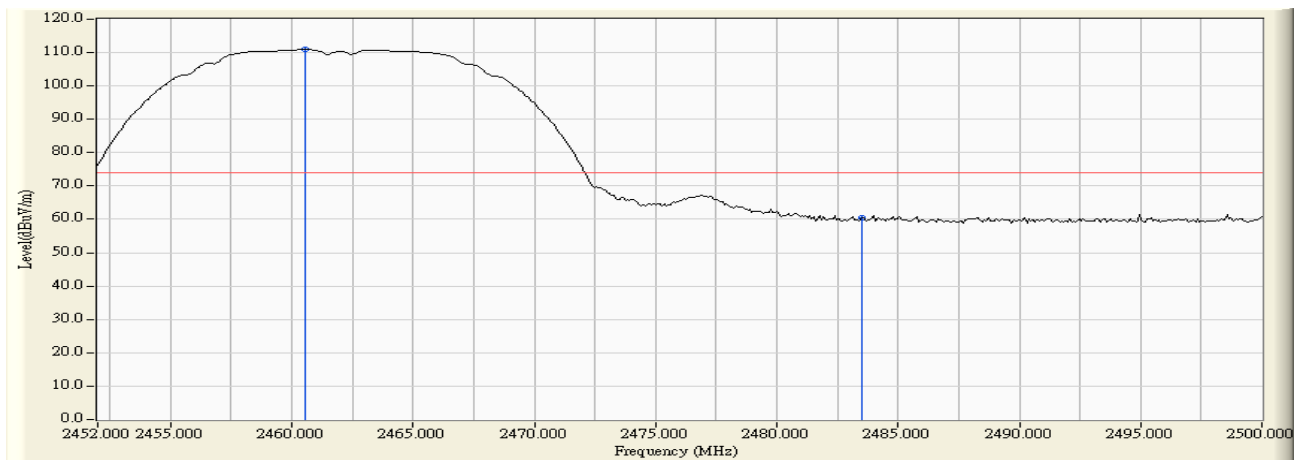
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2460.400	31.225	68.370	99.595	N/A	N/A	PEAK
2		2483.500	31.212	26.684	57.896	-16.074	73.970	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 18:57
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 1: Transmit at channel 2462MHz by 802.11b(Chain 0)



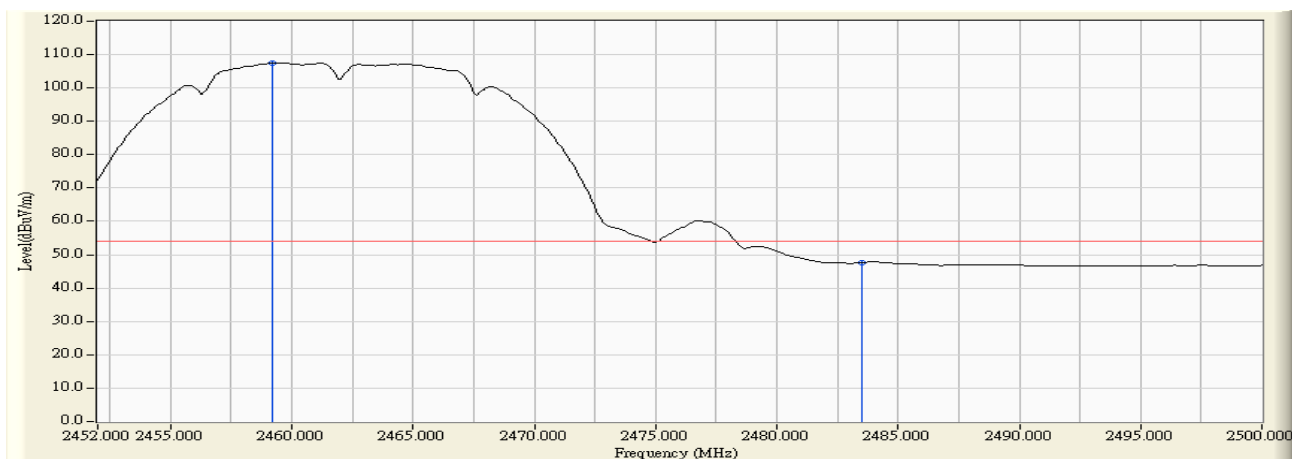
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2459.200	31.224	65.049	96.273	N/A	N/A	AVERAGE
2		2483.500	31.212	14.182	45.394	-8.576	53.970	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 19:01
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 1: Transmit at channel 2462MHz by 802.11b(Chain 0)



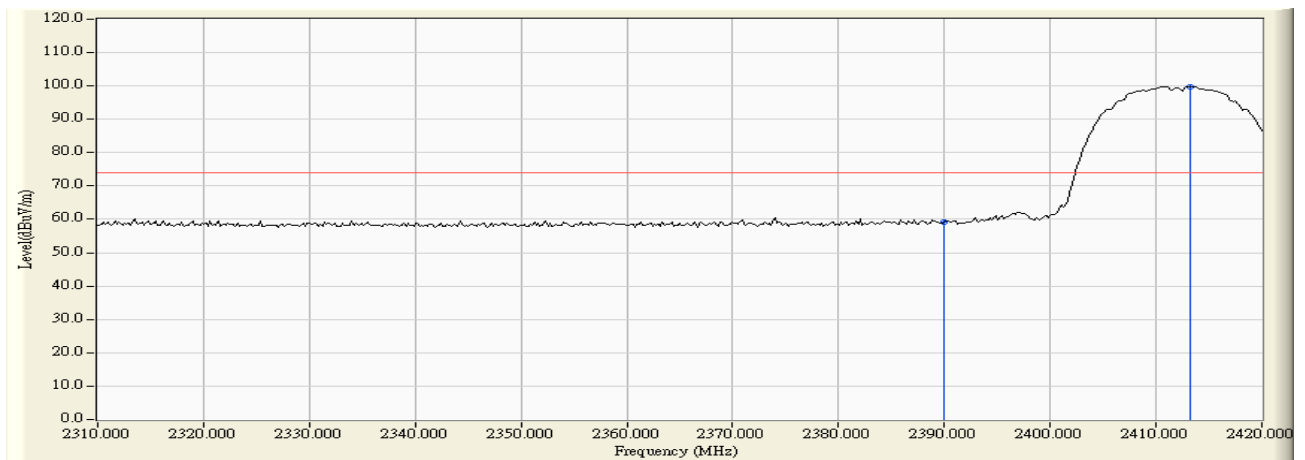
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2460.560	31.225	79.648	110.873	N/A	N/A	PEAK
2		2483.500	31.212	29.174	60.386	-13.584	73.970	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 19:02
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 1: Transmit at channel 2462MHz by 802.11b(Chain 0)



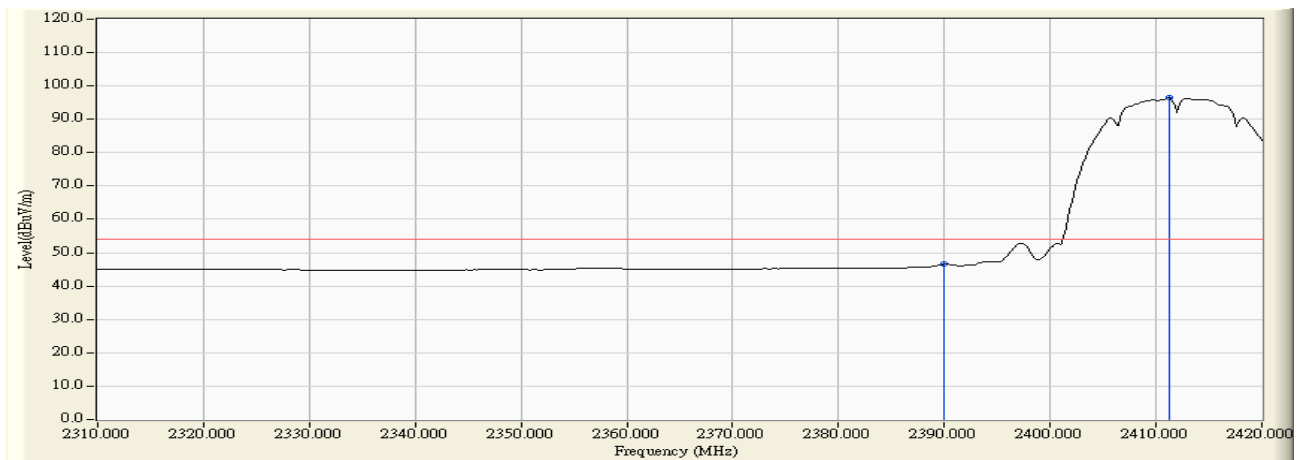
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2459.200	31.224	76.295	107.519	N/A	N/A	AVERAGE
2		2483.500	31.212	16.467	47.679	-6.291	53.970	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 19:06
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 2: Transmit at channel 2412MHz by 802.11g(Chain 0)



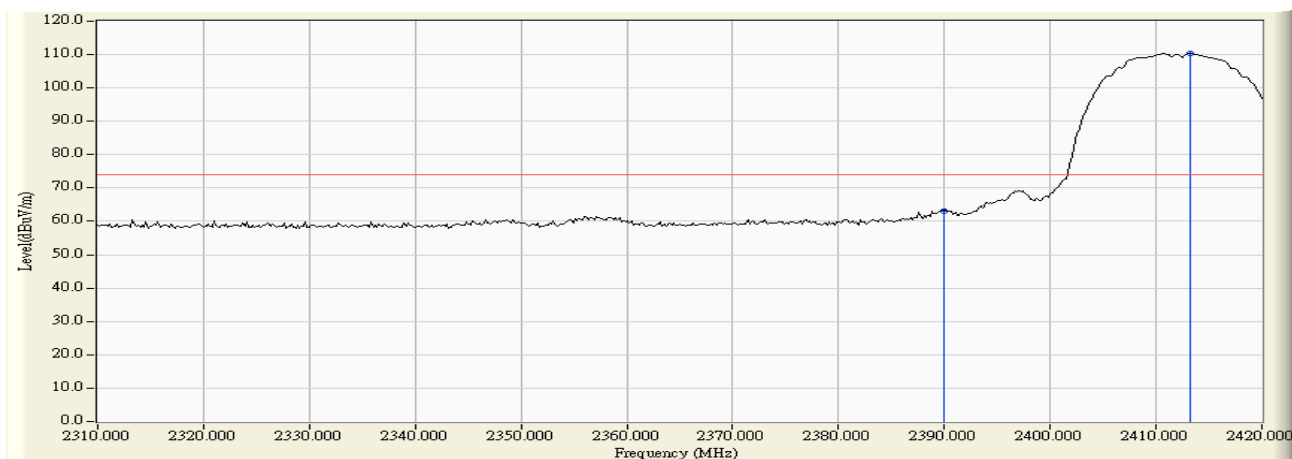
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	28.051	59.235	-14.735	73.970	PEAK
2	*	2413.217	31.192	68.563	99.754	N/A	N/A	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 19:06
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 2: Transmit at channel 2412MHz by 802.11g(Chain 0)



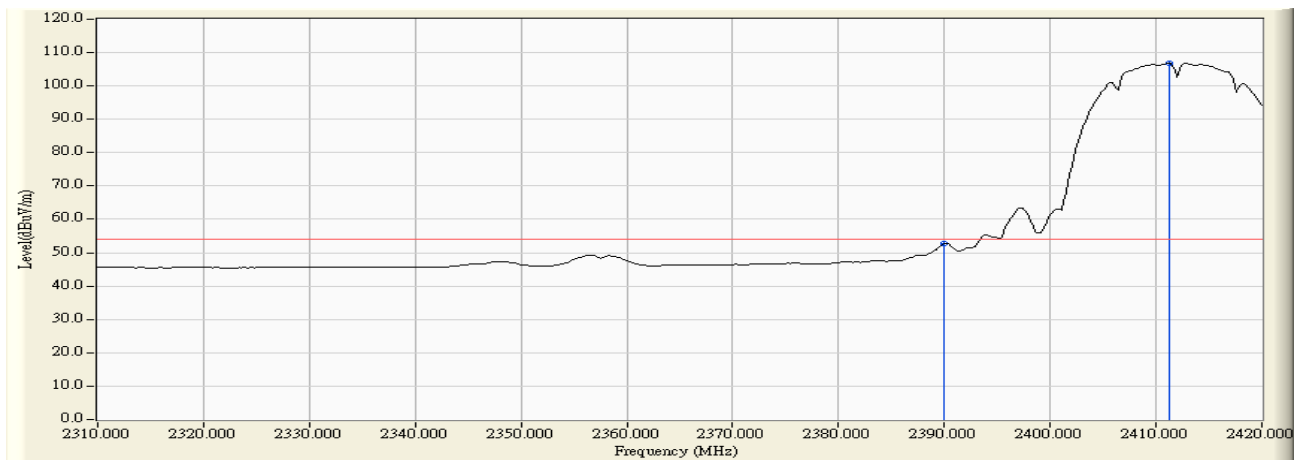
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	15.338	46.522	-7.448	53.970	AVERAGE
2	*	2411.200	31.190	65.212	96.402	N/A	N/A	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 19:08
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 2: Transmit at channel 2412MHz by 802.11g(Chain 0)



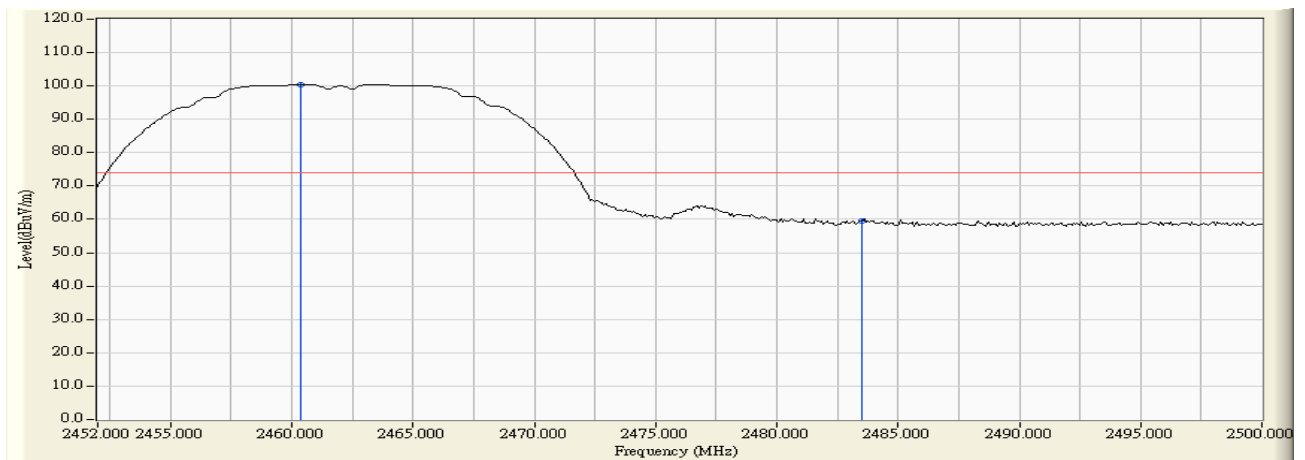
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	32.030	63.214	-10.756	73.970	PEAK
2	*	2413.217	31.192	79.054	110.245	N/A	N/A	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 19:08
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 2: Transmit at channel 2412MHz by 802.11g(Chain 0)



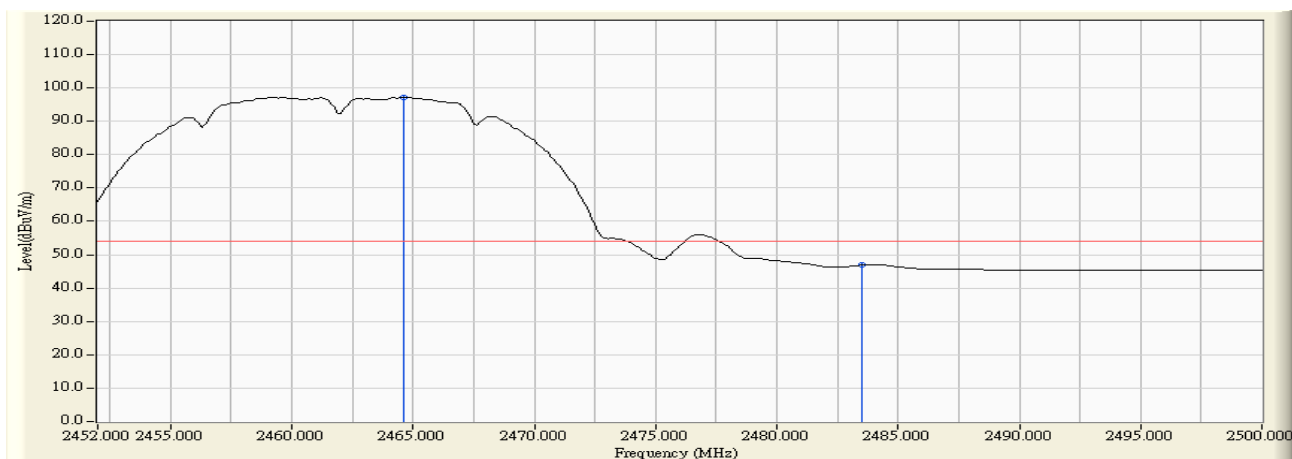
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	21.454	52.638	-1.332	53.970	AVERAGE
2	*	2411.200	31.190	75.707	106.897	N/A	N/A	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 19:11
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 2: Transmit at channel 2462MHz by 802.11g(Chain 0)



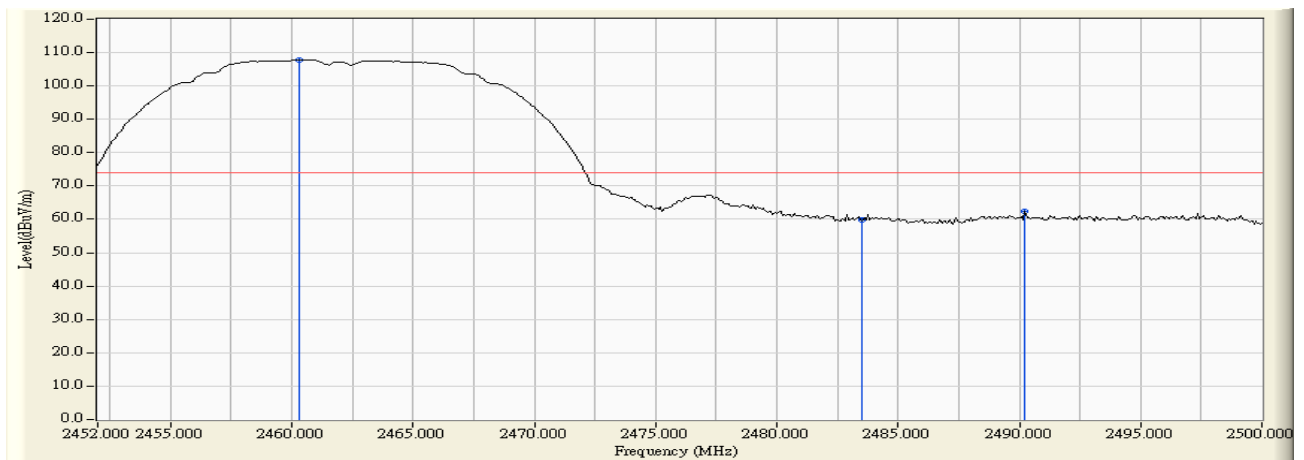
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2460.400	31.225	69.204	100.429	N/A	N/A	PEAK
2		2483.500	31.212	28.234	59.446	-14.524	73.970	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 19:11
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 2: Transmit at channel 2462MHz by 802.11g(Chain 0)



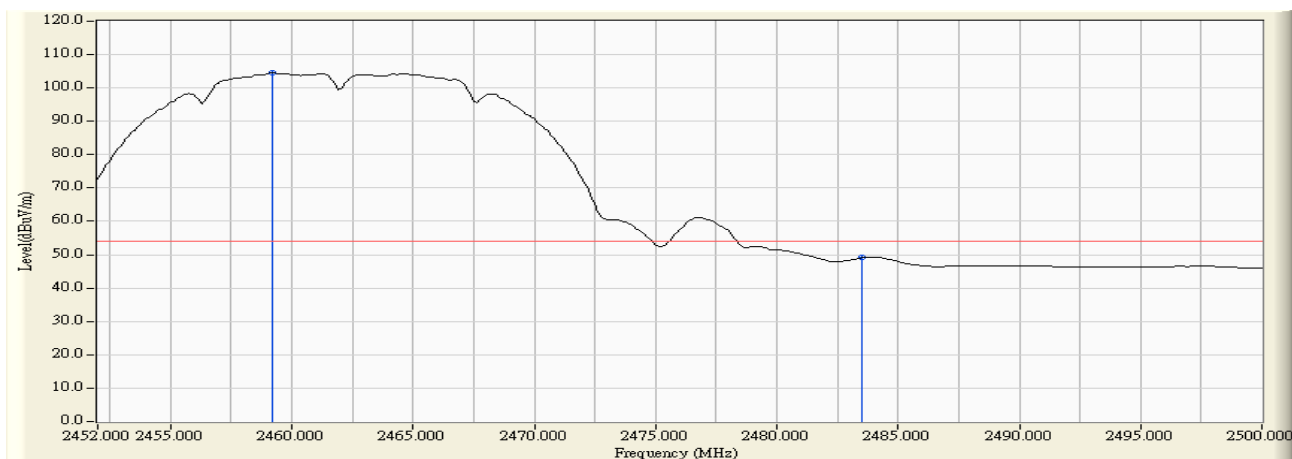
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2464.640	31.223	65.988	97.212	N/A	N/A	AVERAGE
2		2483.500	31.212	15.668	46.880	-7.090	53.970	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 19:13
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 2: Transmit at channel 2462MHz by 802.11g(Chain 0)



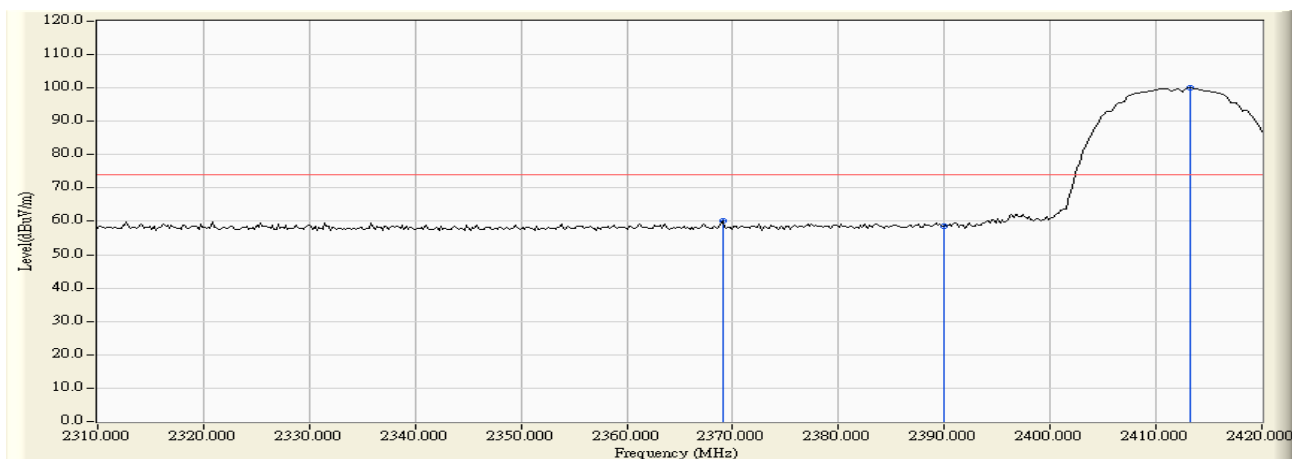
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2460.320	31.225	76.573	107.798	N/A	N/A	PEAK
2		2483.500	31.212	28.488	59.700	-14.270	73.970	PEAK
3		2490.240	31.207	31.176	62.384	-11.586	73.970	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 19:13
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 2: Transmit at channel 2462MHz by 802.11g(Chain 0)



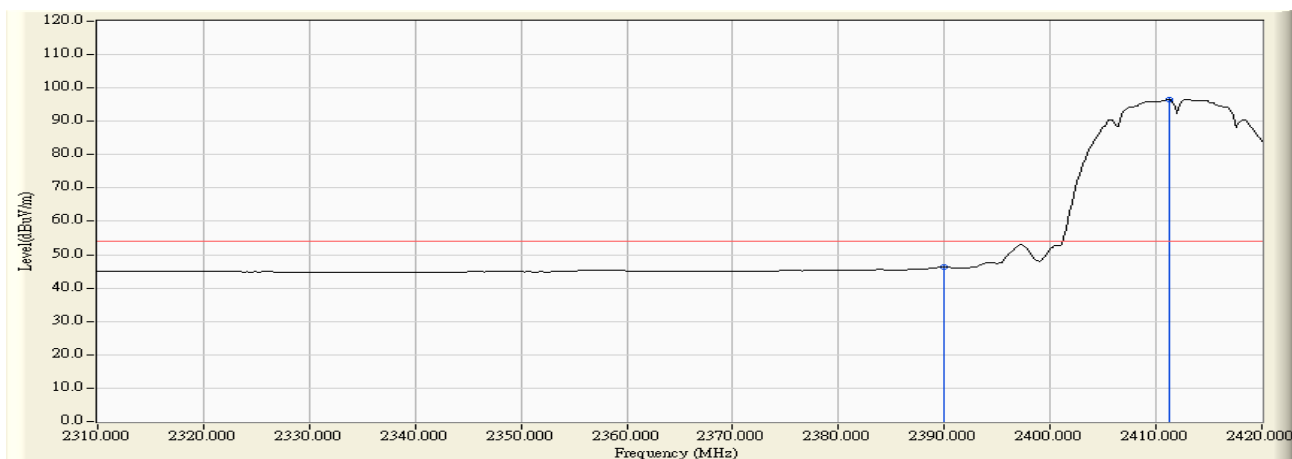
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2459.200	31.224	73.233	104.457	N/A	N/A	AVERAGE
2		2483.500	31.212	17.857	49.069	-4.901	53.970	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 19:17
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 4: Transmit at channel 2412MHz by 802.11n(20MHz)(Chain 0)



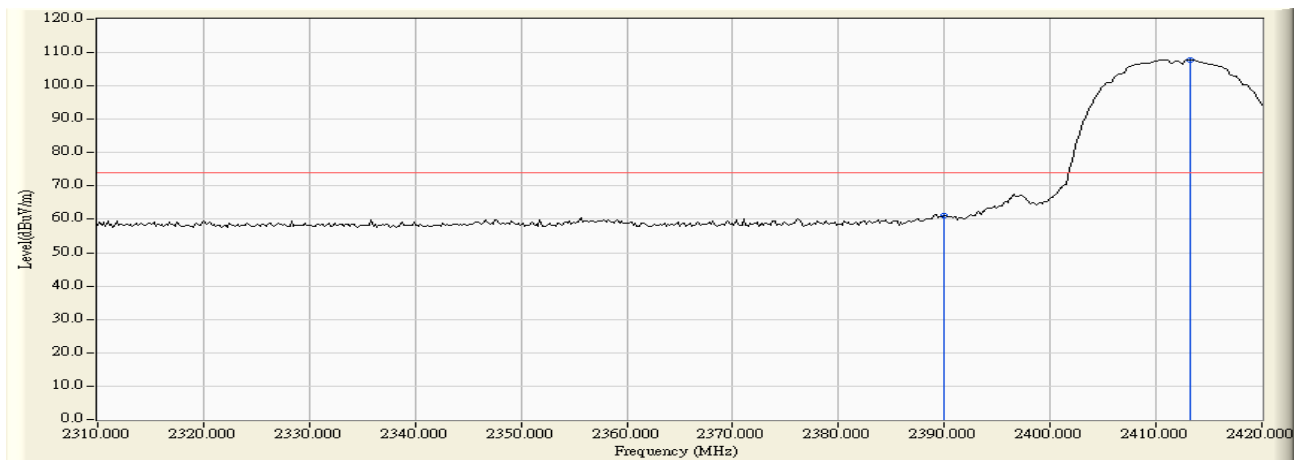
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2369.033	31.208	28.884	60.092	-13.878	73.970	PEAK
2		2390.000	31.184	27.479	58.663	-15.307	73.970	PEAK
3	*	2413.217	31.192	68.782	99.973	N/A	N/A	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 19:17
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 4: Transmit at channel 2412MHz by 802.11n(20MHz)(Chain 0)



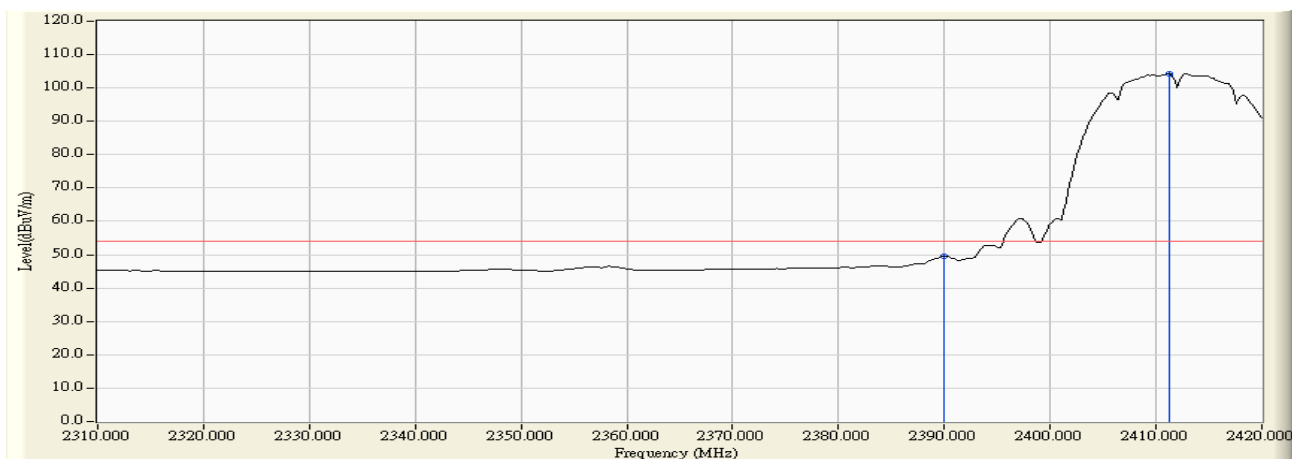
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	15.130	46.314	-7.656	53.970	AVERAGE
2	*	2411.200	31.190	65.434	96.624	N/A	N/A	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 19:19
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 4: Transmit at channel 2412MHz by 802.11n(20MHz)(Chain 0)



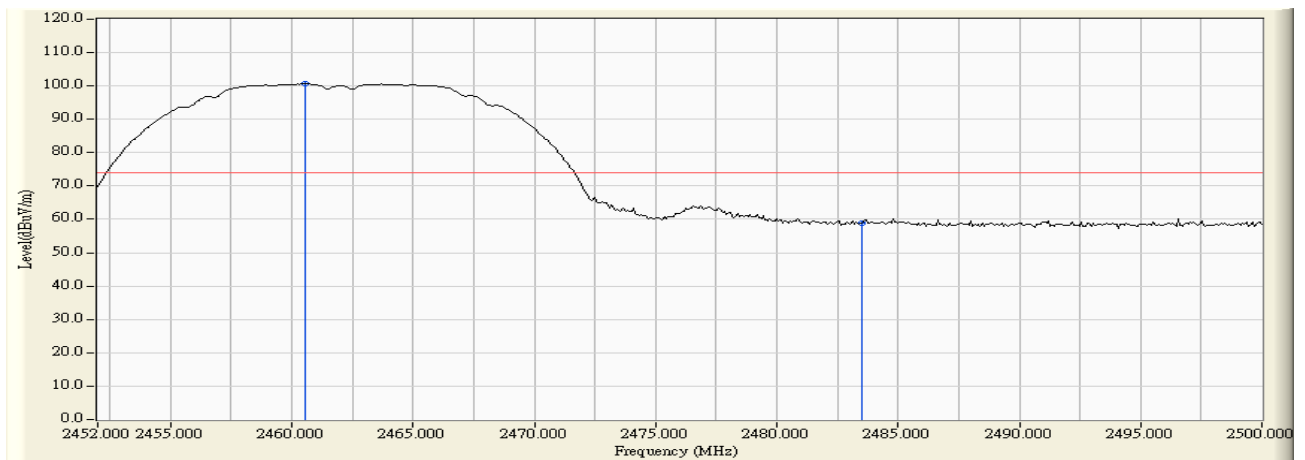
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	29.945	61.129	-12.841	73.970	PEAK
2	*	2413.217	31.192	76.593	107.784	N/A	N/A	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 19:19
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 4: Transmit at channel 2412MHz by 802.11n(20MHz)(Chain 0)



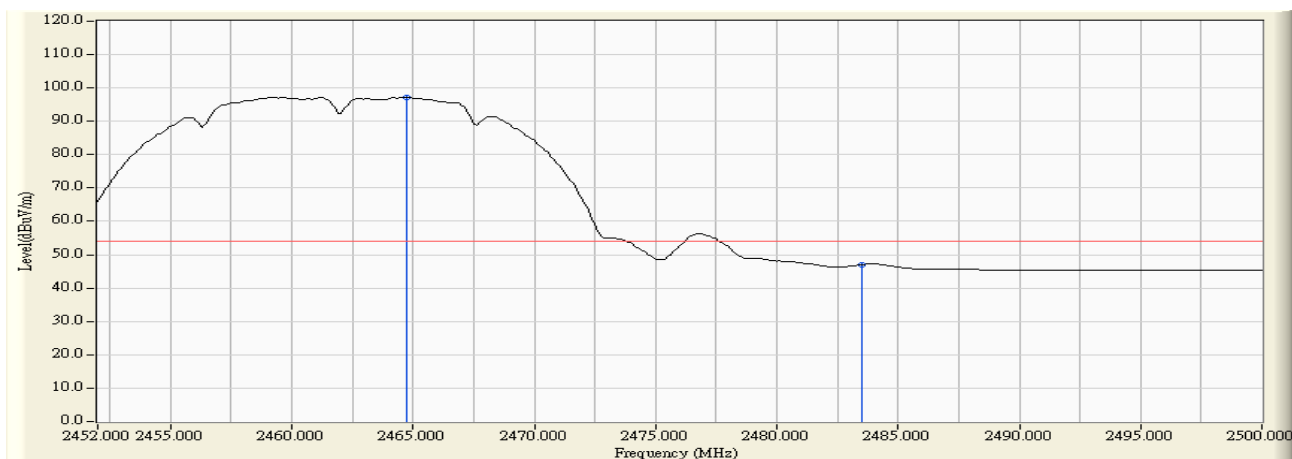
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	18.377	49.561	-4.409	53.970	AVERAGE
2	*	2411.200	31.190	73.147	104.337	N/A	N/A	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 19:22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 4: Transmit at channel 2462MHz by 802.11n(20MHz)(Chain 0)



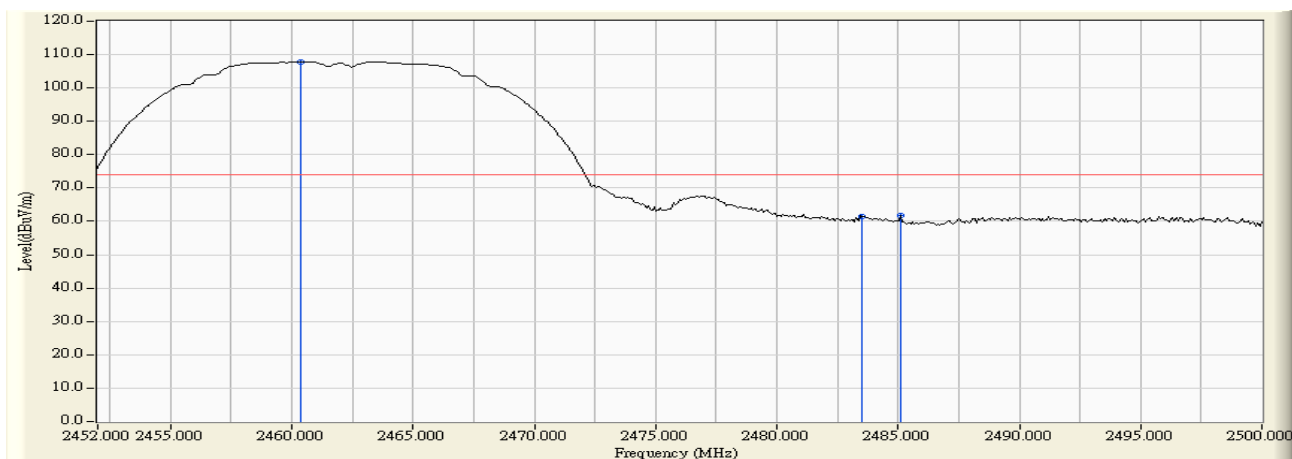
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2460.560	31.225	69.347	100.572	26.602	73.970	PEAK
2		2483.500	31.212	27.662	58.874	N/A	N/A	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 19:22
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 4: Transmit at channel 2462MHz by 802.11n(20MHz)(Chain 0)



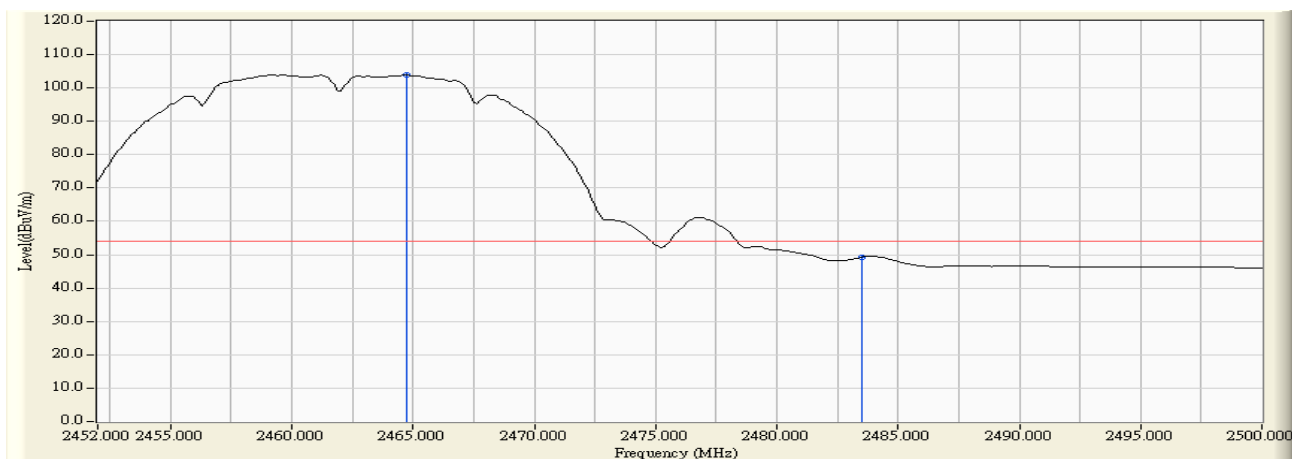
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2464.720	31.223	65.995	97.219	N/A	N/A	AVERAGE
2		2483.500	31.212	15.790	47.002	-6.968	53.970	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 19:23
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 4: Transmit at channel 2462MHz by 802.11n(20MHz)(Chain 0)



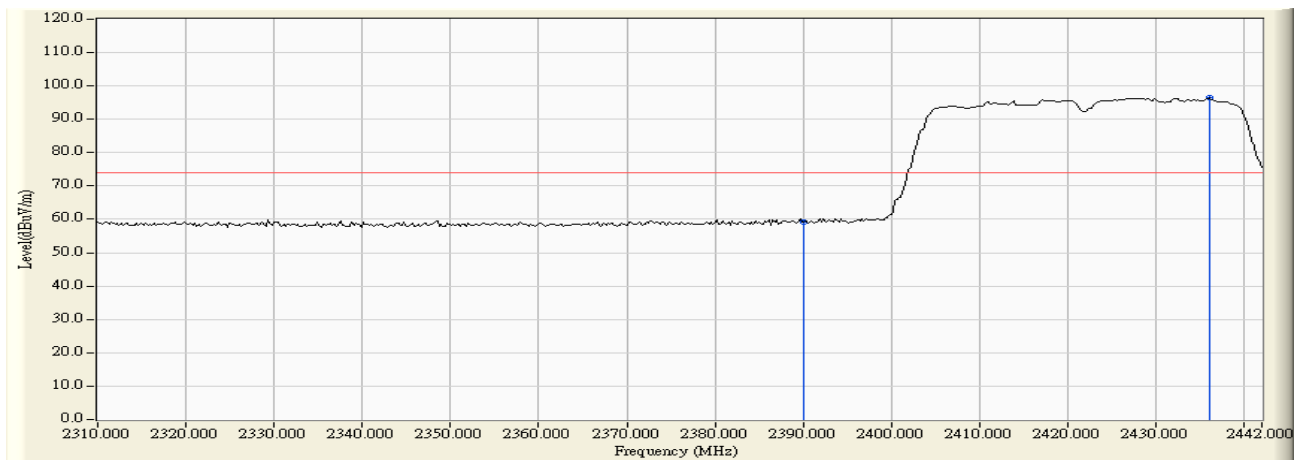
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2460.400	31.225	76.669	107.894	N/A	N/A	PEAK
2		2483.500	31.212	30.241	61.453	-12.517	73.970	PEAK
3		2485.120	31.211	30.612	61.823	-12.147	73.970	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 19:24
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 4: Transmit at channel 2462MHz by 802.11n(20MHz)(Chain 0)



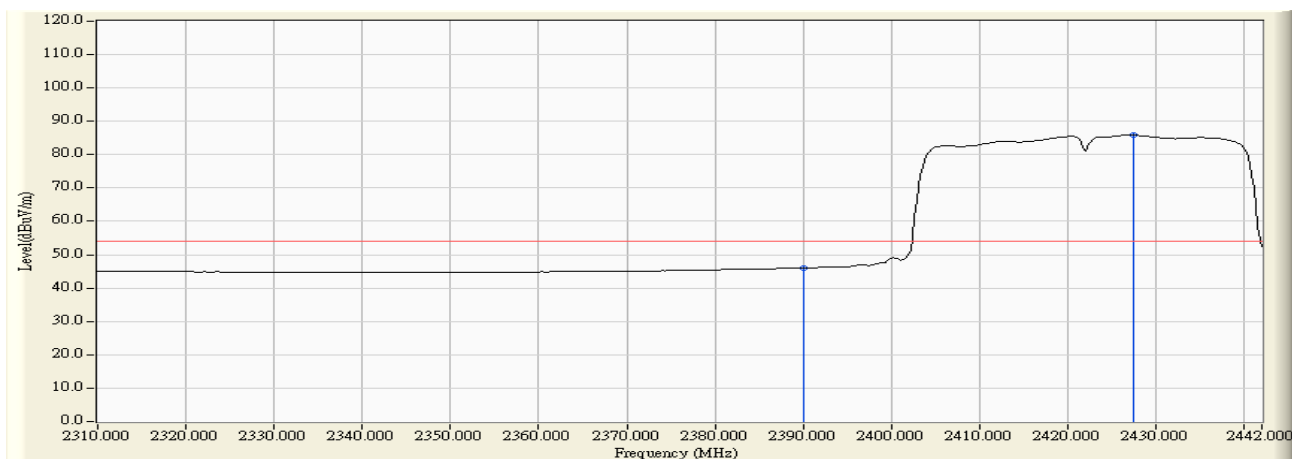
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2464.720	31.223	72.671	103.895	N/A	N/A	AVERAGE
2		2483.500	31.212	18.066	49.278	-4.692	53.970	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 19:33
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 5: Transmit at channel 2422MHz by 802.11n(40MHz)(Chain 0)



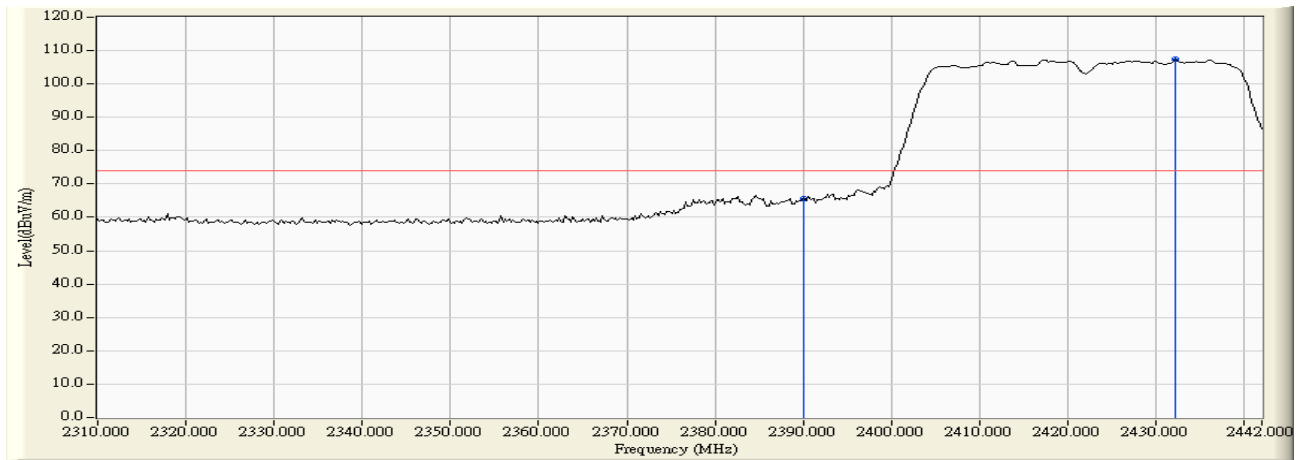
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	27.978	59.162	-14.808	73.970	PEAK
2	*	2436.060	31.211	65.294	96.505	N/A	N/A	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 19:33
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 5: Transmit at channel 2422MHz by 802.11n(40MHz)(Chain 0)



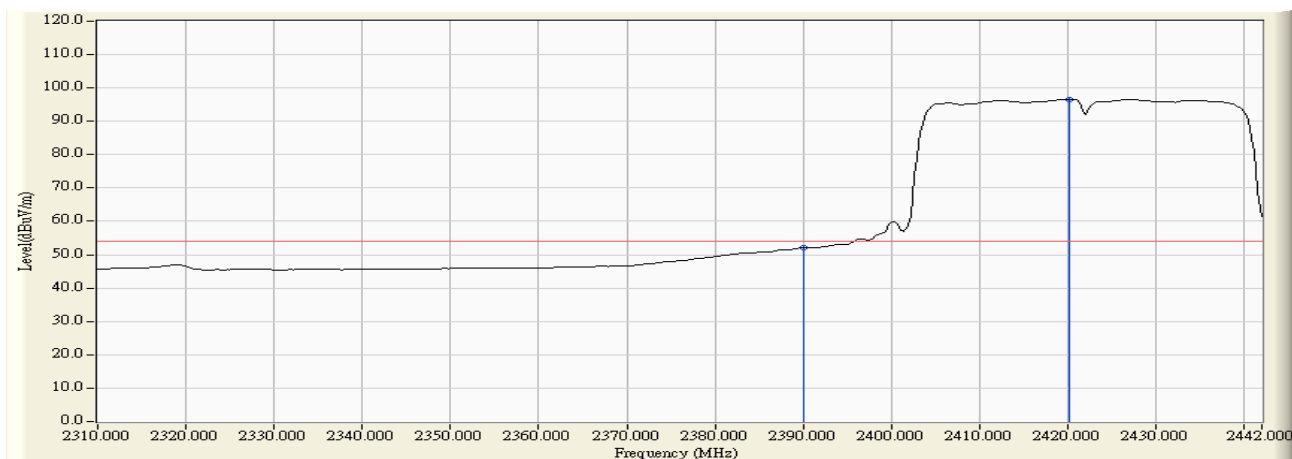
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	14.923	46.107	-7.863	53.970	AVERAGE
2	*	2427.480	31.203	54.745	85.949	N/A	N/A	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 19:35
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 5: Transmit at channel 2422MHz by 802.11n(40MHz)(Chain 0)



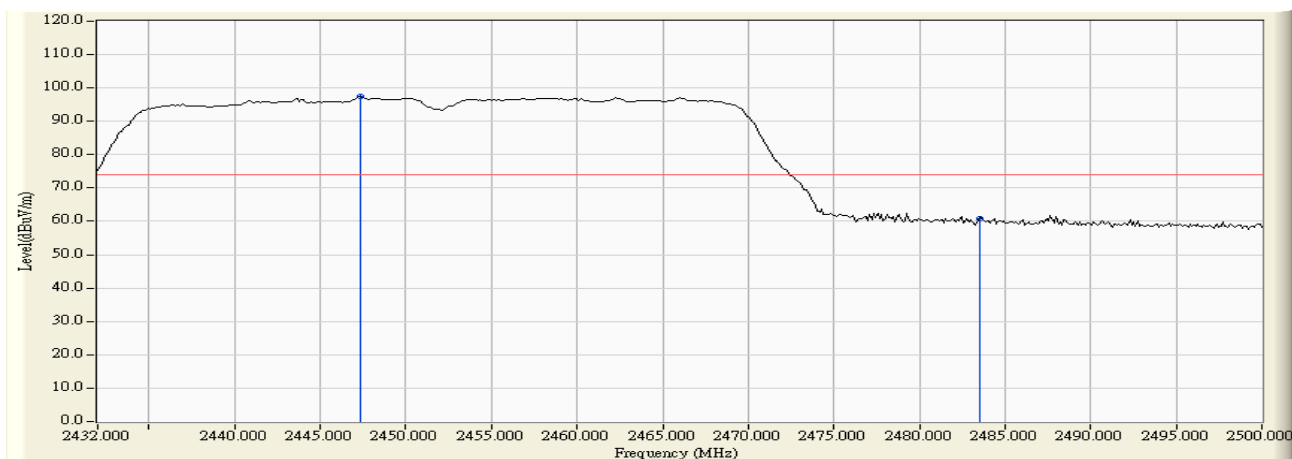
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	34.457	65.641	-8.329	73.970	PEAK
2	*	2432.100	31.208	76.103	107.310	N/A	N/A	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 19:36
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 5: Transmit at channel 2422MHz by 802.11n(40MHz)(Chain 0)



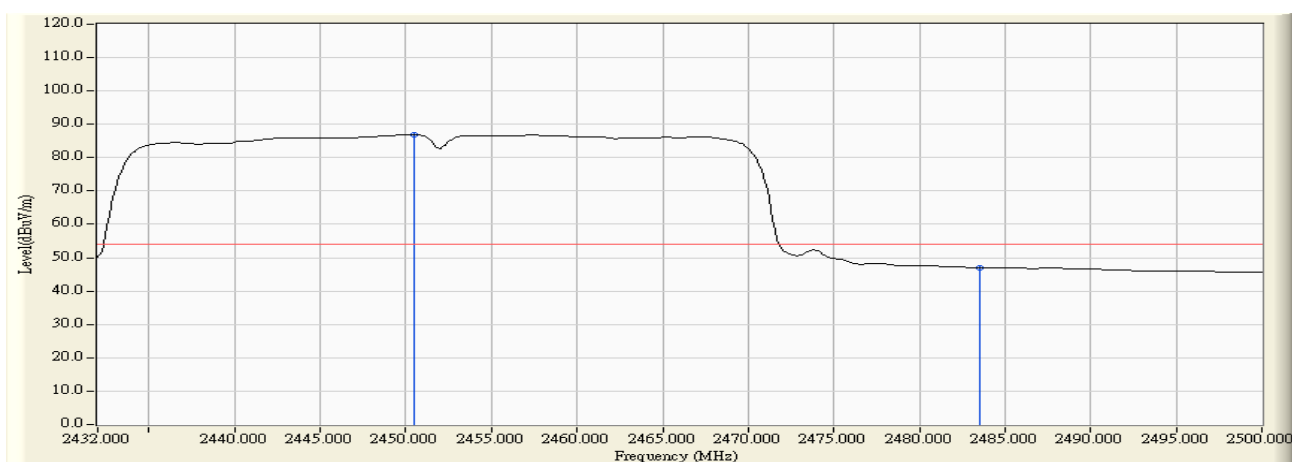
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	20.856	52.040	-1.930	53.970	AVERAGE
2	*	2420.220	31.198	65.368	96.565	N/A	N/A	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 19:38
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 5: Transmit at channel 2452MHz by 802.11n(40MHz)(Chain 0)



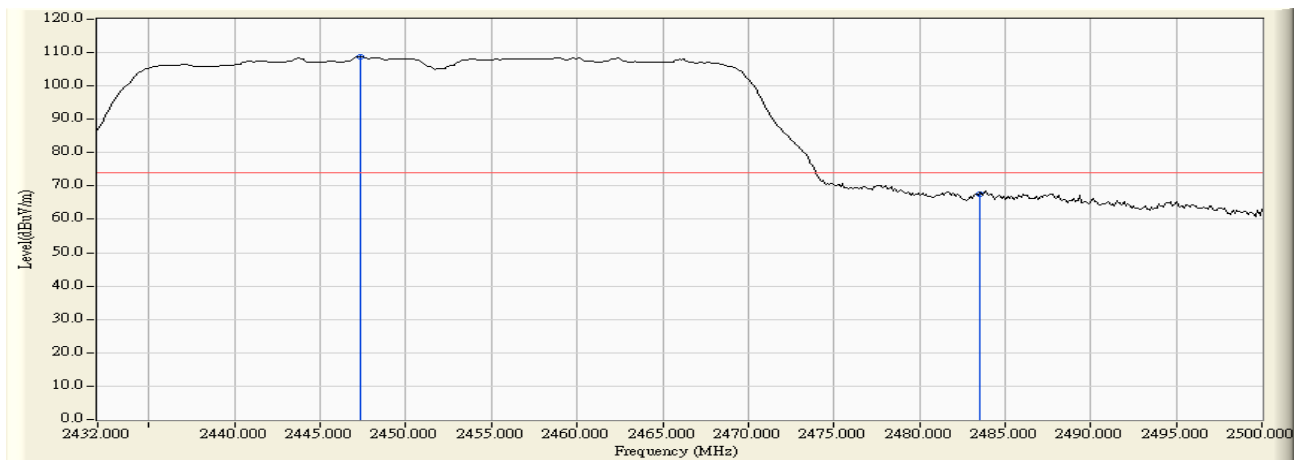
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2447.300	31.219	66.118	97.337	N/A	N/A	PEAK
2		2483.500	31.212	29.468	60.680	-13.290	73.970	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 19:38
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 5: Transmit at channel 2452MHz by 802.11n(40MHz)(Chain 0)



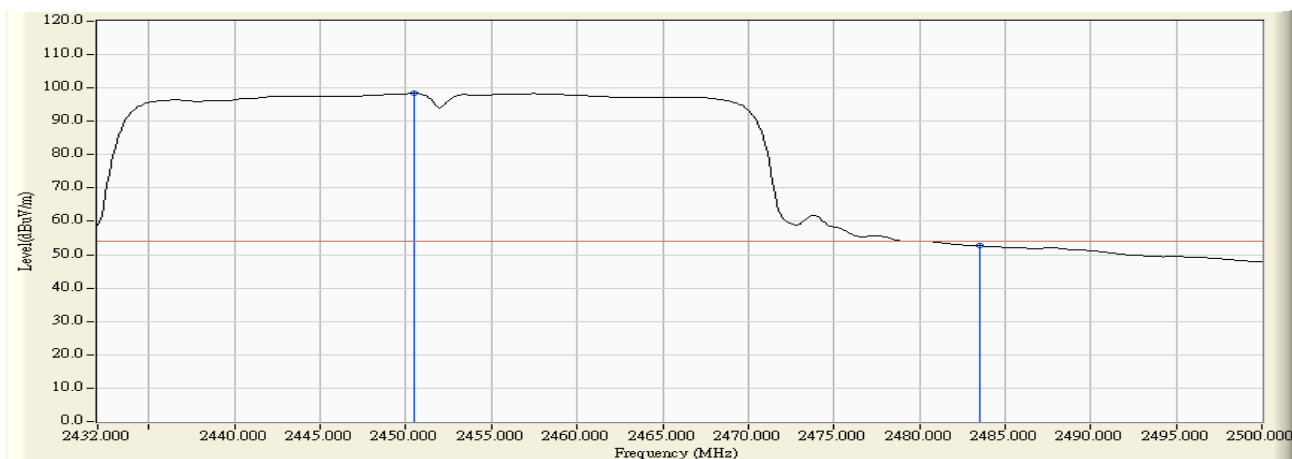
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2450.473	31.221	55.692	86.913	N/A	N/A	AVERAGE
2		2483.500	31.212	15.883	47.095	-6.875	53.970	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 19:40
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 5: Transmit at channel 2452MHz by 802.11n(40MHz)(Chain 0)



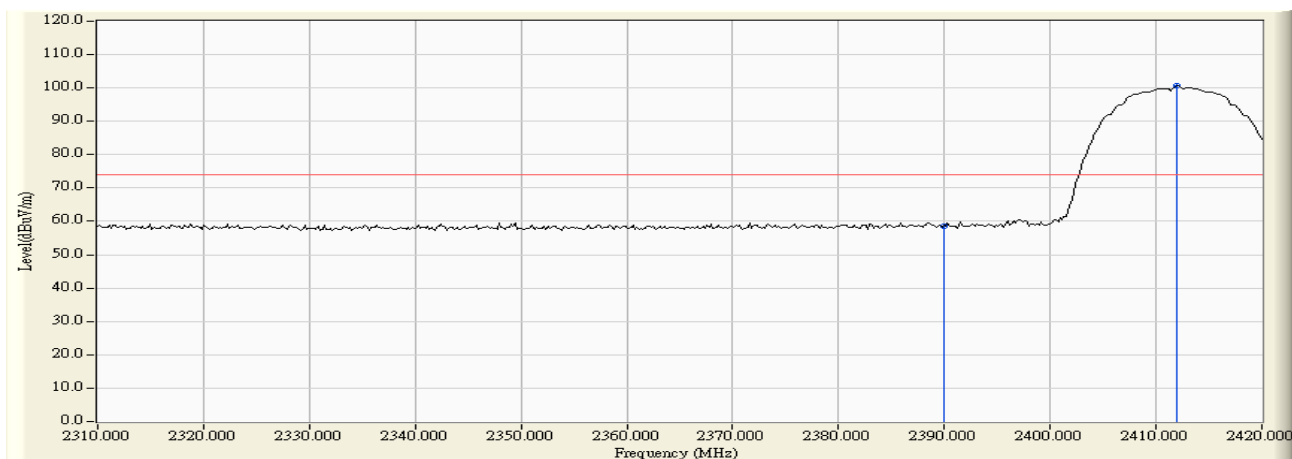
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2447.300	31.219	77.589	108.808	N/A	N/A	PEAK
2		2483.500	31.212	36.379	67.591	-6.379	73.970	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 19:40
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 5: Transmit at channel 2452MHz by 802.11n(40MHz)(Chain 0)



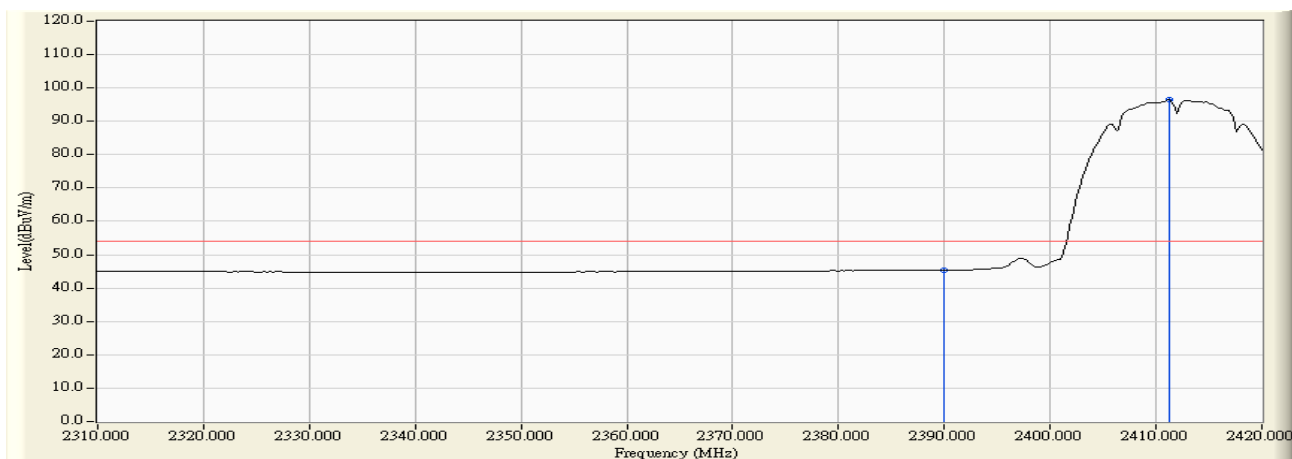
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2450.473	31.221	67.129	98.350	N/A	N/A	AVERAGE
2		2483.500	31.212	21.460	52.672	-1.298	53.970	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 19:46
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 1: Transmit at channel 2412MHz by 802.11b(Chain 1)



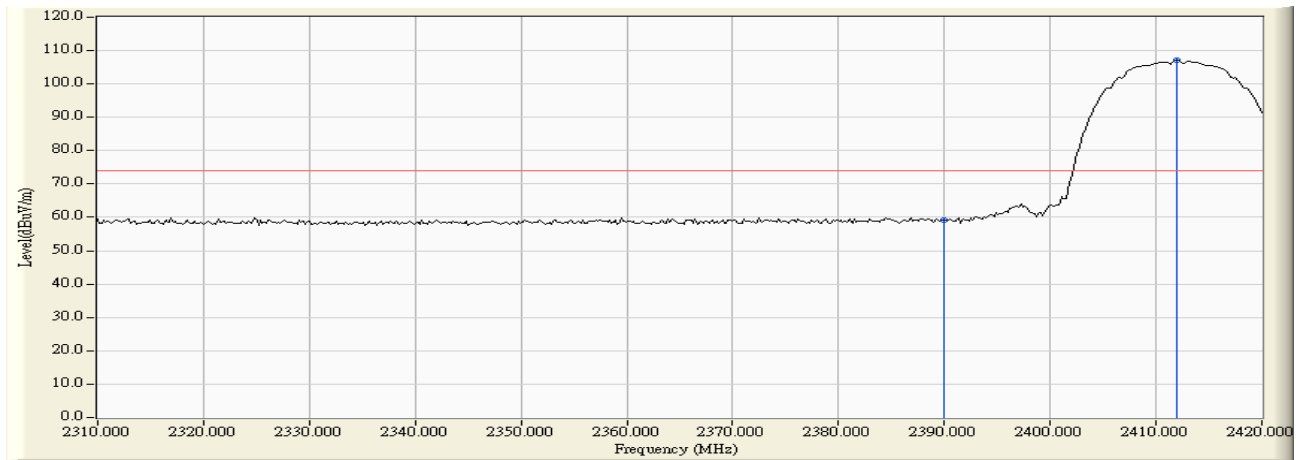
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	27.435	58.619	-15.351	73.970	PEAK
2	*	2411.933	31.190	69.435	100.625	N/A	N/A	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 19:47
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 1: Transmit at channel 2412MHz by 802.11b(Chain 1)



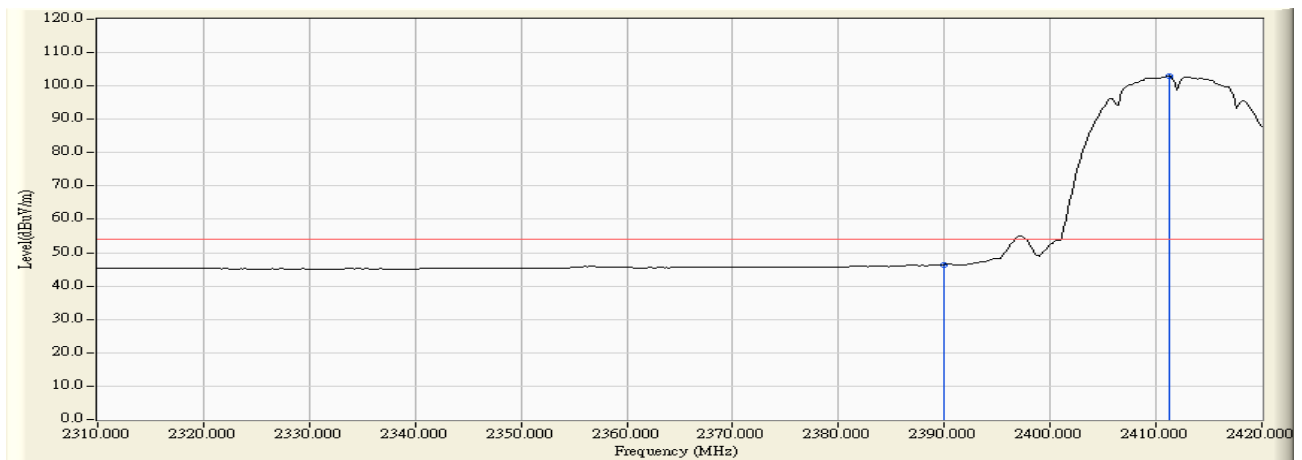
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	14.225	45.409	-8.561	53.970	AVERAGE
2	*	2411.200	31.190	65.219	96.409	N/A	N/A	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 19:48
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 1: Transmit at channel 2412MHz by 802.11b(Chain 1)



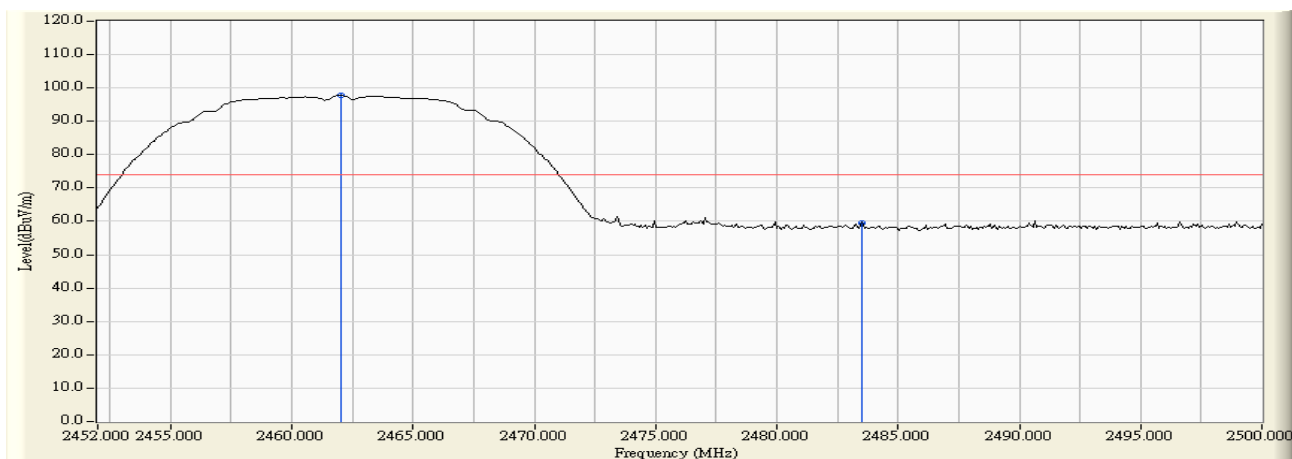
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	28.130	59.314	-14.656	73.970	PEAK
2	*	2411.933	31.190	76.002	107.192	N/A	N/A	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 19:49
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 1: Transmit at channel 2412MHz by 802.11b(Chain 1)



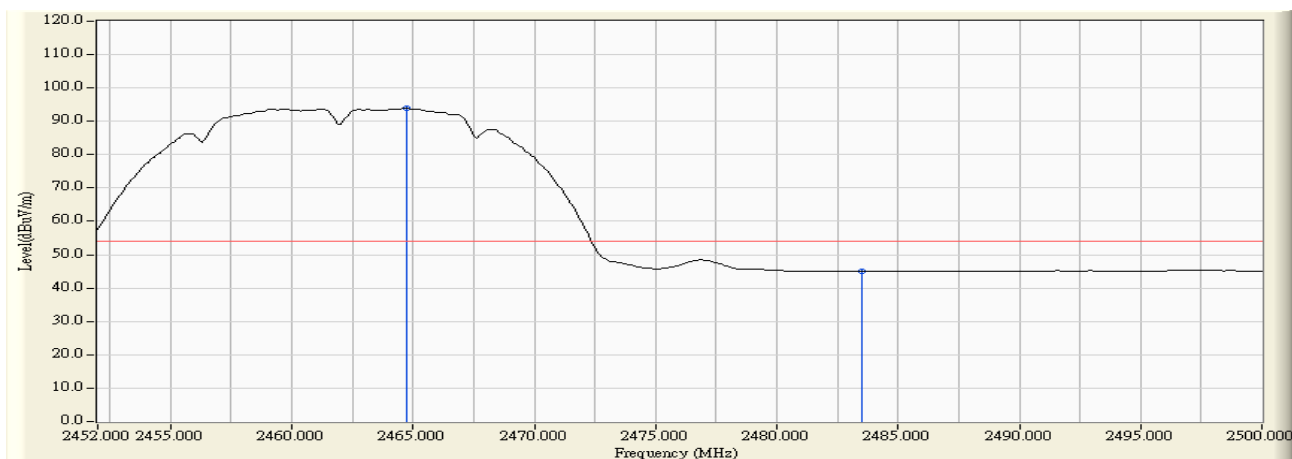
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	15.280	46.464	-7.506	53.970	AVERAGE
2	*	2411.200	31.190	71.807	102.997	N/A	N/A	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 19:51
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 1: Transmit at channel 2462MHz by 802.11b(Chain 1)



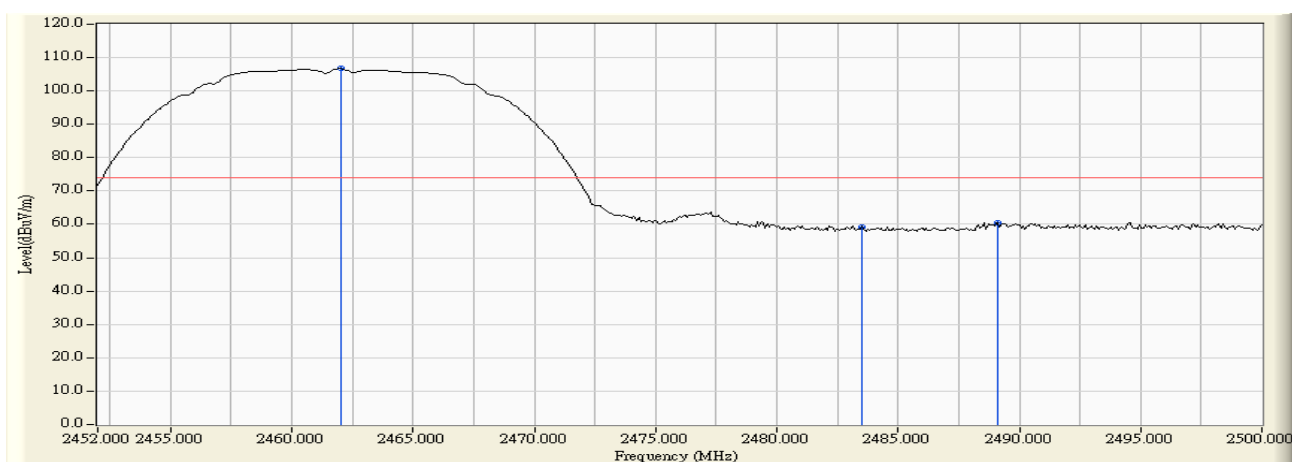
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2462.000	31.225	66.533	97.758	N/A	N/A	PEAK
2		2483.500	31.212	28.410	59.622	-14.348	73.970	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 19:51
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 1: Transmit at channel 2462MHz by 802.11b(Chain 1)



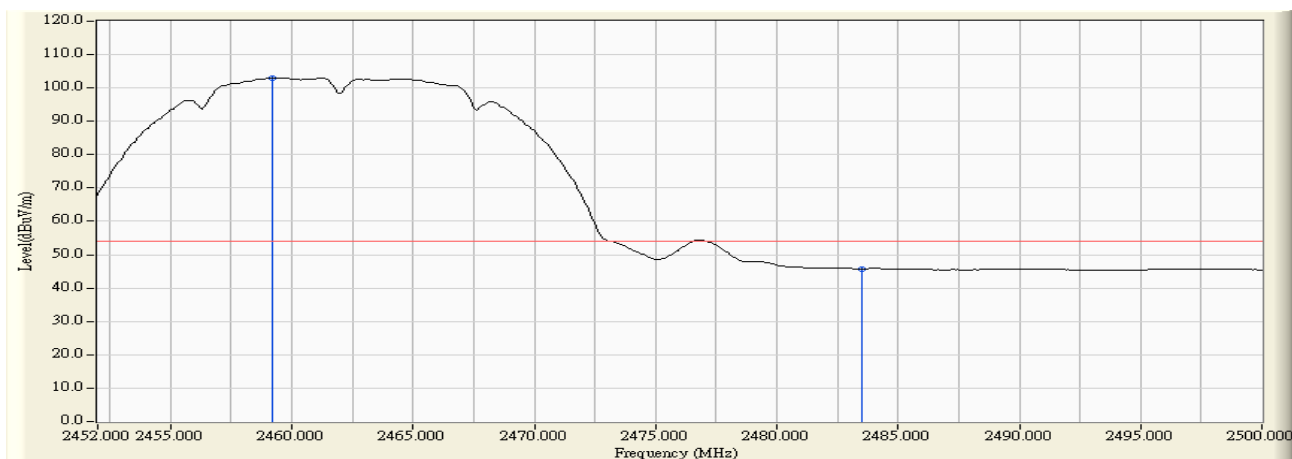
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2464.720	31.223	62.718	93.942	N/A	N/A	AVERAGE
2		2483.500	31.212	13.863	45.075	-8.895	53.970	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 19:53
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 1: Transmit at channel 2462MHz by 802.11b(Chain 1)



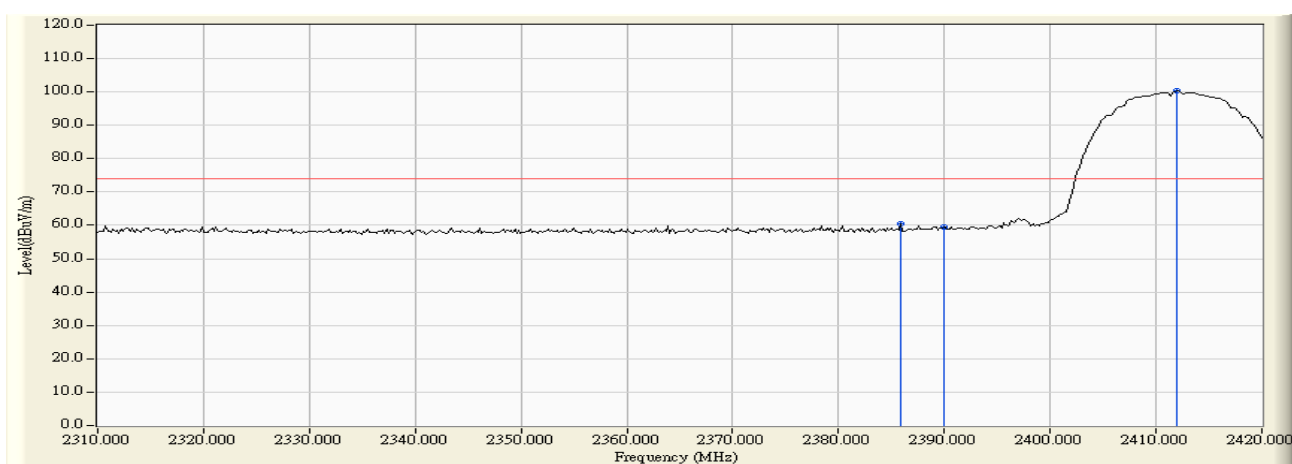
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2462.000	31.225	75.453	106.678	N/A	N/A	PEAK
2		2483.500	31.212	27.974	59.186	-14.784	73.970	PEAK
3		2489.120	31.209	29.333	60.542	-13.428	73.970	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 19:53
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 1: Transmit at channel 2462MHz by 802.11b(Chain 1)



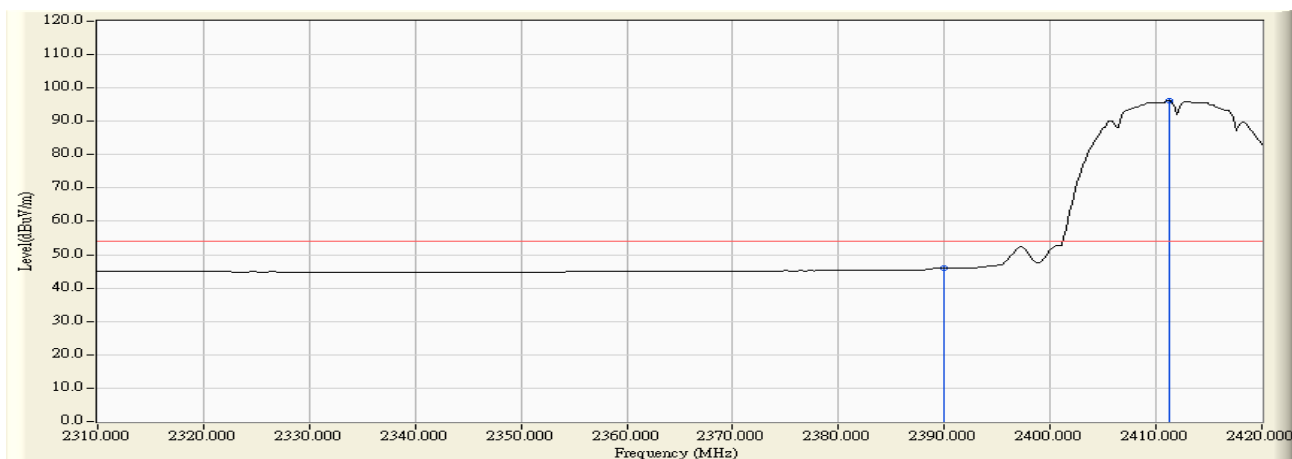
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2459.200	31.224	71.874	103.098	N/A	N/A	AVERAGE
2		2483.500	31.212	14.559	45.771	-8.199	53.970	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 19:56
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 2: Transmit at channel 2412MHz by 802.11g(Chain 1)



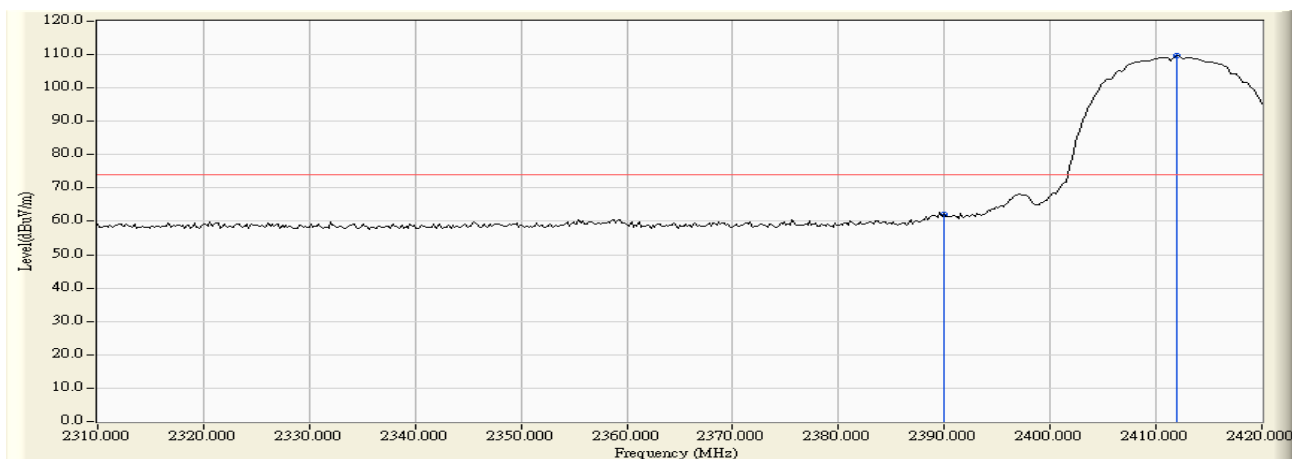
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2385.900	31.189	29.166	60.355	-13.615	73.970	PEAK
2		2390.000	31.184	28.257	59.441	-14.529	73.970	PEAK
3	*	2411.933	31.190	69.154	100.344	N/A	N/A	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 19:56
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 2: Transmit at channel 2412MHz by 802.11g(Chain 1)



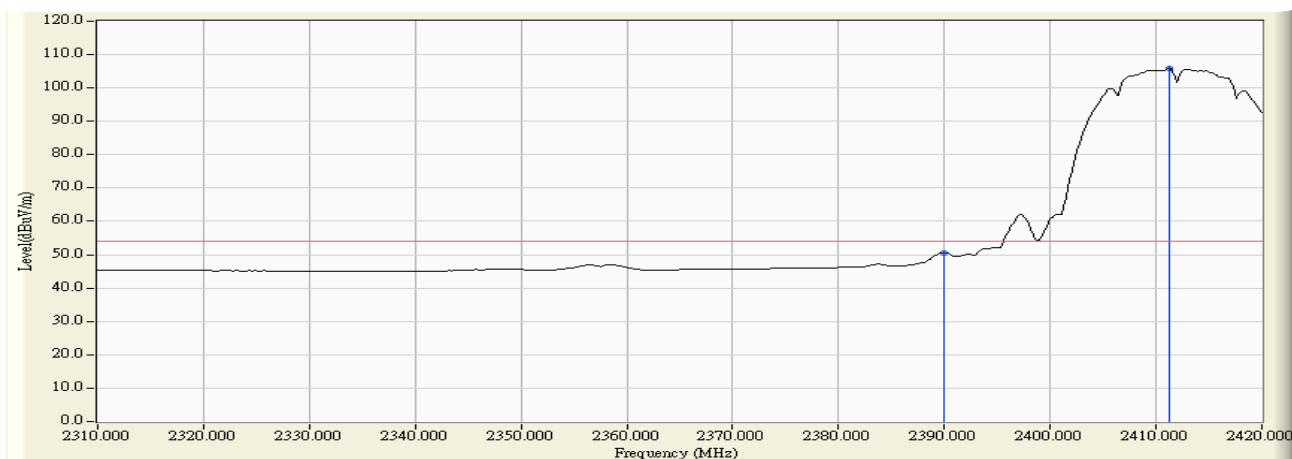
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	14.876	46.060	-7.910	53.970	AVERAGE
2	*	2411.200	31.190	64.935	96.125	N/A	N/A	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 19:58
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 2: Transmit at channel 2412MHz by 802.11g(Chain 1)



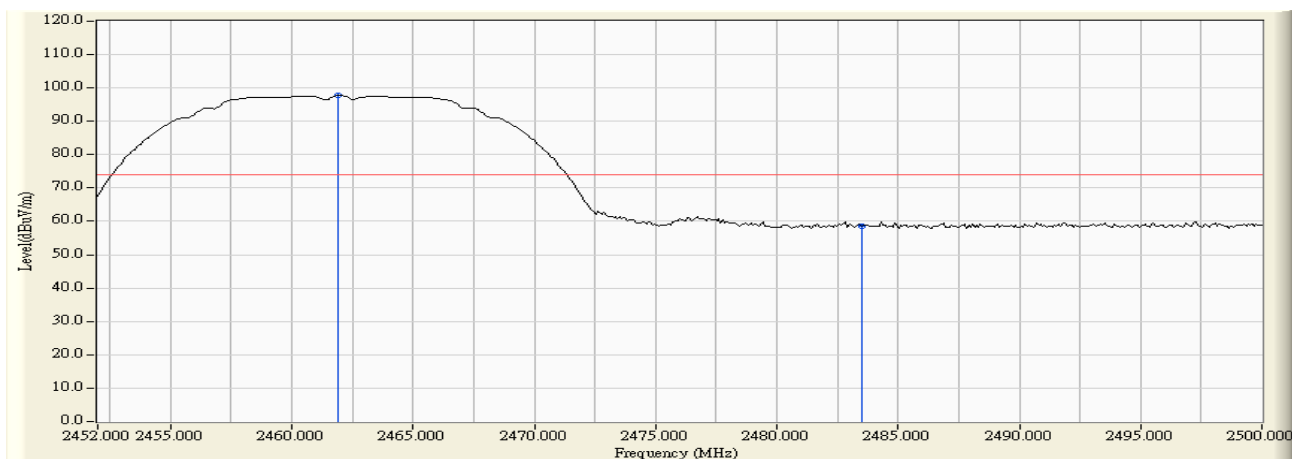
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	30.754	61.938	-12.032	73.970	PEAK
2	*	2411.933	31.190	78.433	109.623	N/A	N/A	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 19:58
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 2: Transmit at channel 2412MHz by 802.11g(Chain 1)



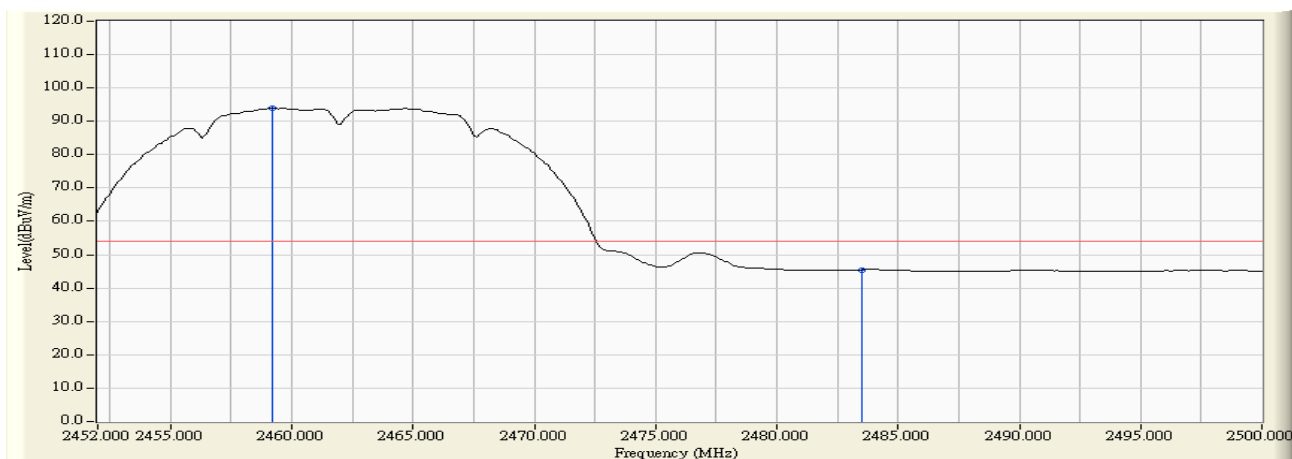
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	19.424	50.608	-3.362	53.970	AVERAGE
2	*	2411.200	31.190	74.564	105.754	N/A	N/A	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 20:03
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 2: Transmit at channel 2462MHz by 802.11g(Chain 1)



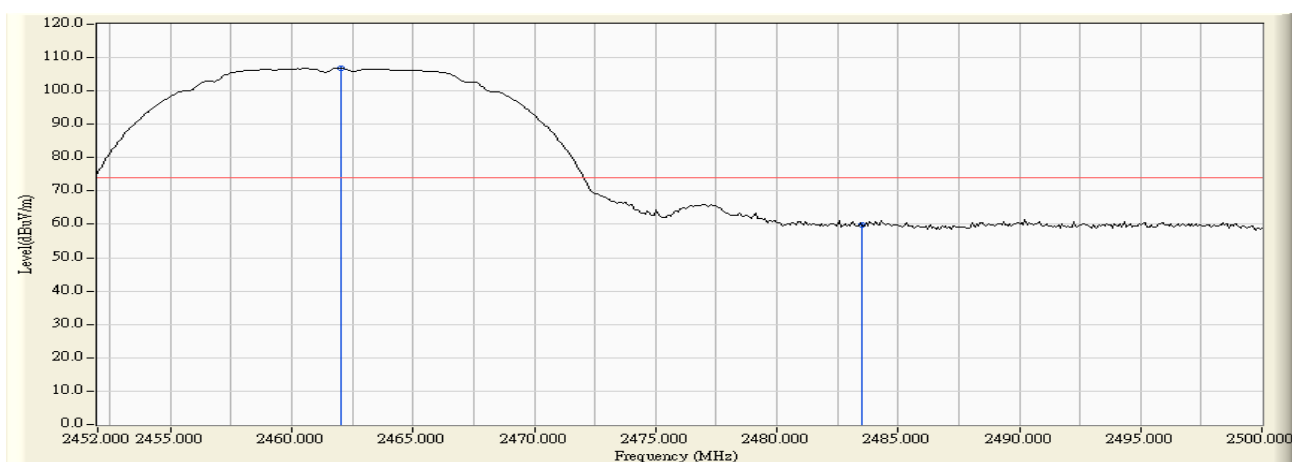
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2461.920	31.225	66.584	97.809	N/A	N/A	PEAK
2		2483.500	31.212	27.469	58.681	-15.289	73.970	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 20:04
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 2: Transmit at channel 2462MHz by 802.11g(Chain 1)



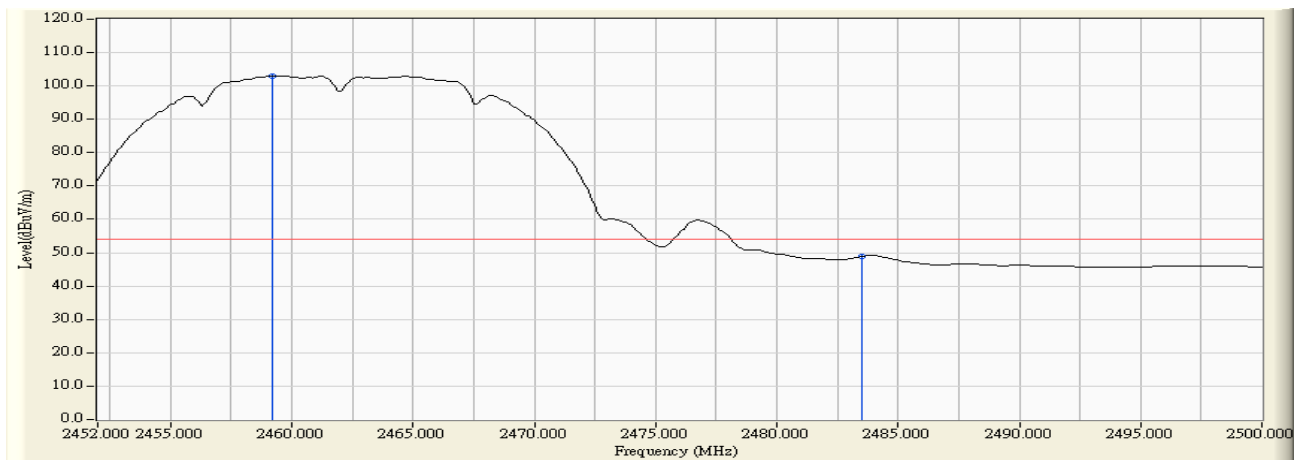
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2459.200	31.224	62.701	93.925	N/A	N/A	AVERAGE
2		2483.500	31.212	14.283	45.495	-8.475	53.970	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 20:07
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 2: Transmit at channel 2462MHz by 802.11g(Chain 1)



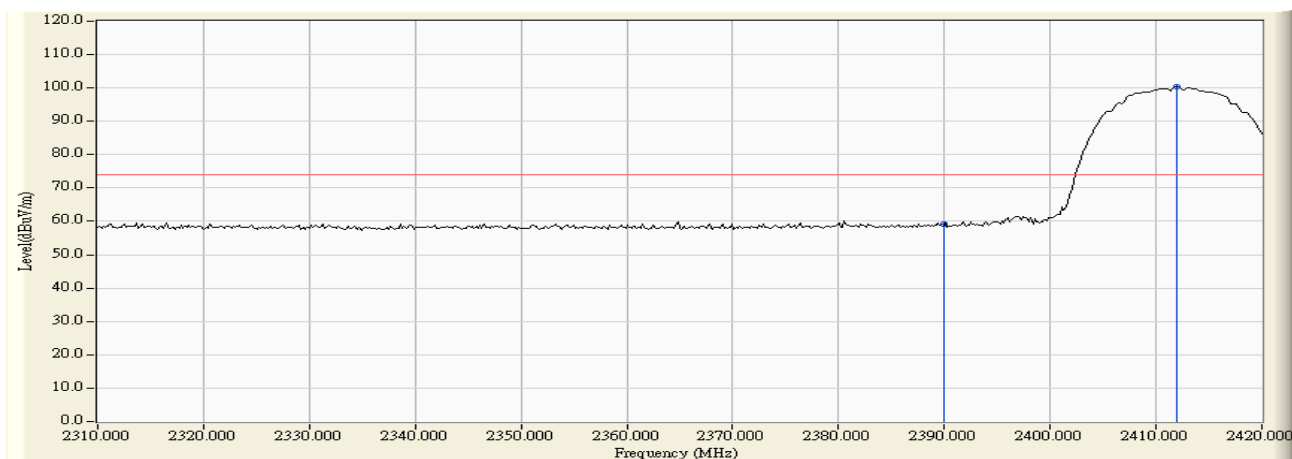
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2462.000	31.225	75.731	106.956	N/A	N/A	PEAK
2		2483.500	31.212	28.633	59.845	-14.125	73.970	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 20:07
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 2: Transmit at channel 2462MHz by 802.11g(Chain 1)



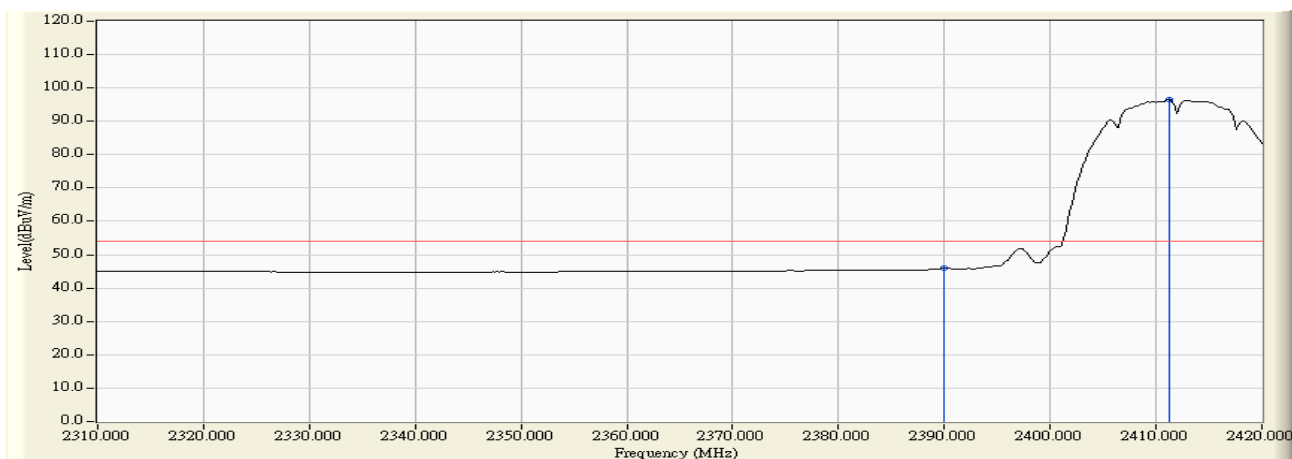
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2459.200	31.224	71.817	103.041	N/A	N/A	AVERAGE
2		2483.500	31.212	17.693	48.905	-5.065	53.970	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 20:10
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 4: Transmit at channel 2412MHz by 802.11n(20MHz)(Chain 1)



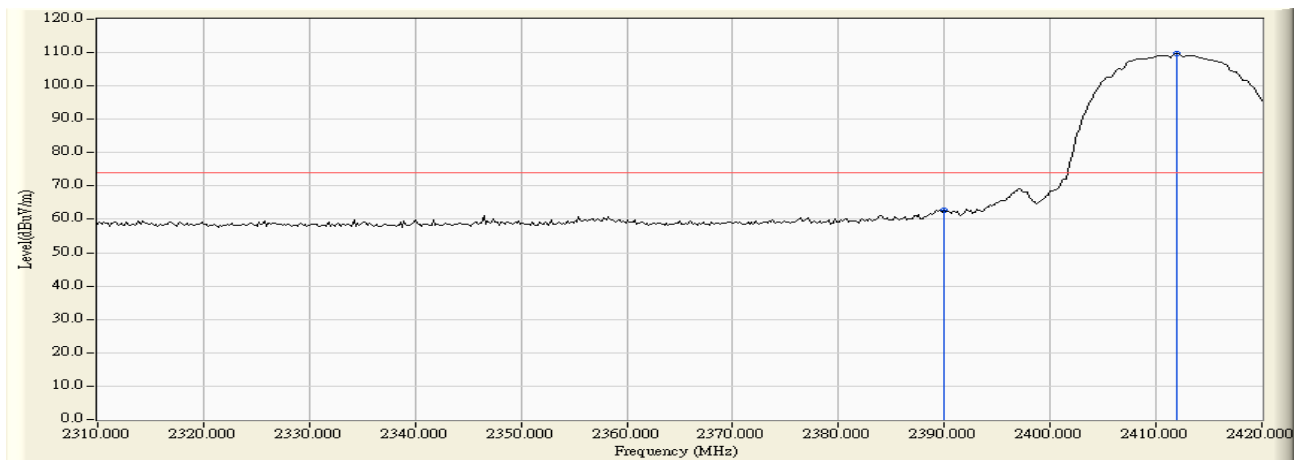
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	27.954	59.138	-14.832	73.970	PEAK
2	*	2411.933	31.190	69.277	100.467	N/A	N/A	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 20:10
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 4: Transmit at channel 2412MHz by 802.11n(20MHz)(Chain 1)



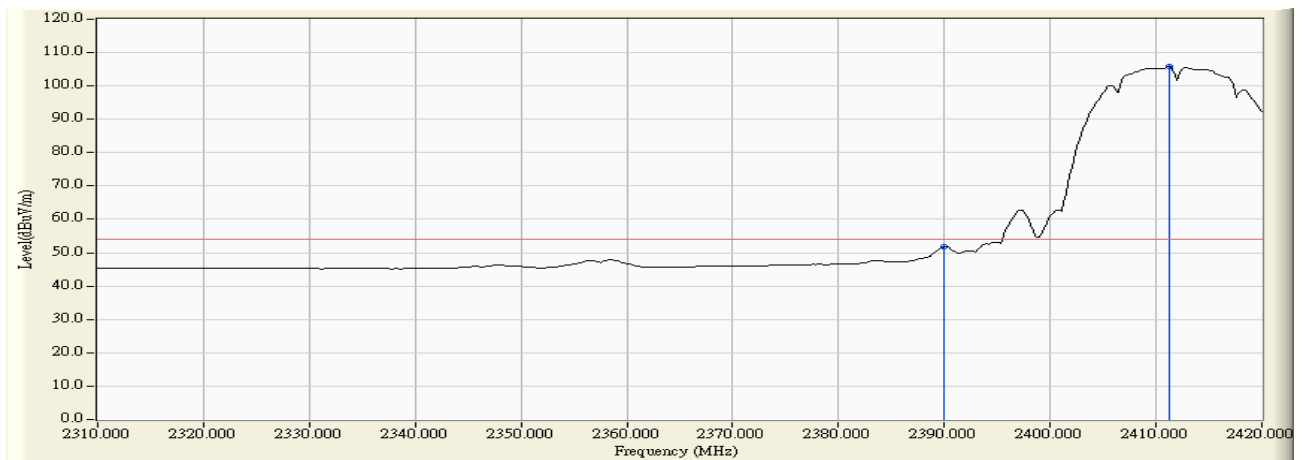
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	14.762	45.946	-8.024	53.970	AVERAGE
2	*	2411.200	31.190	65.277	96.467	N/A	N/A	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 20:12
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 4: Transmit at channel 2412MHz by 802.11n(20MHz)(Chain 1)



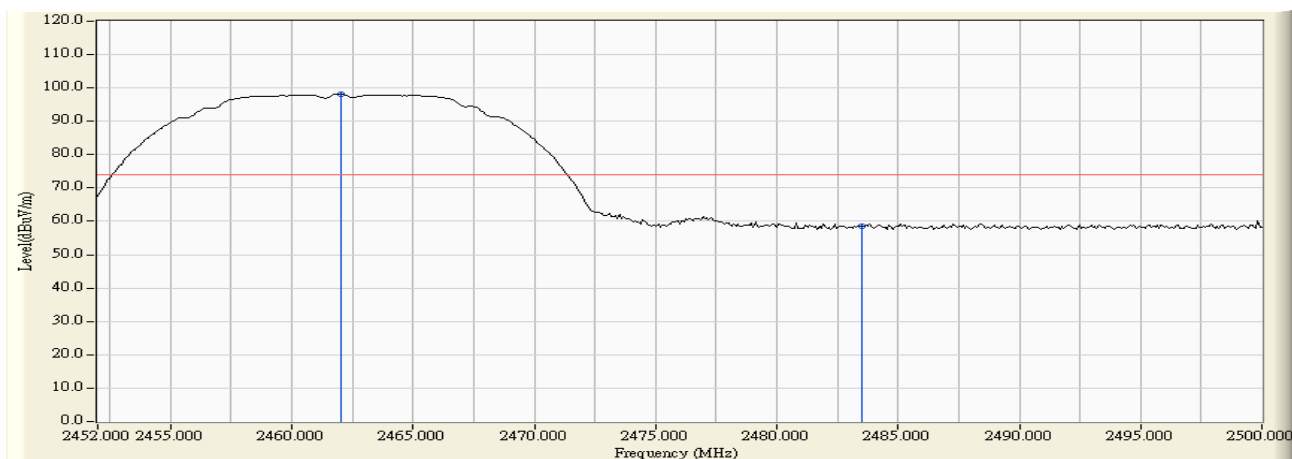
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	31.576	62.760	-11.210	73.970	PEAK
2	*	2411.933	31.190	78.517	109.707	N/A	N/A	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 20:12
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 4: Transmit at channel 2412MHz by 802.11n(20MHz)(Chain 1)



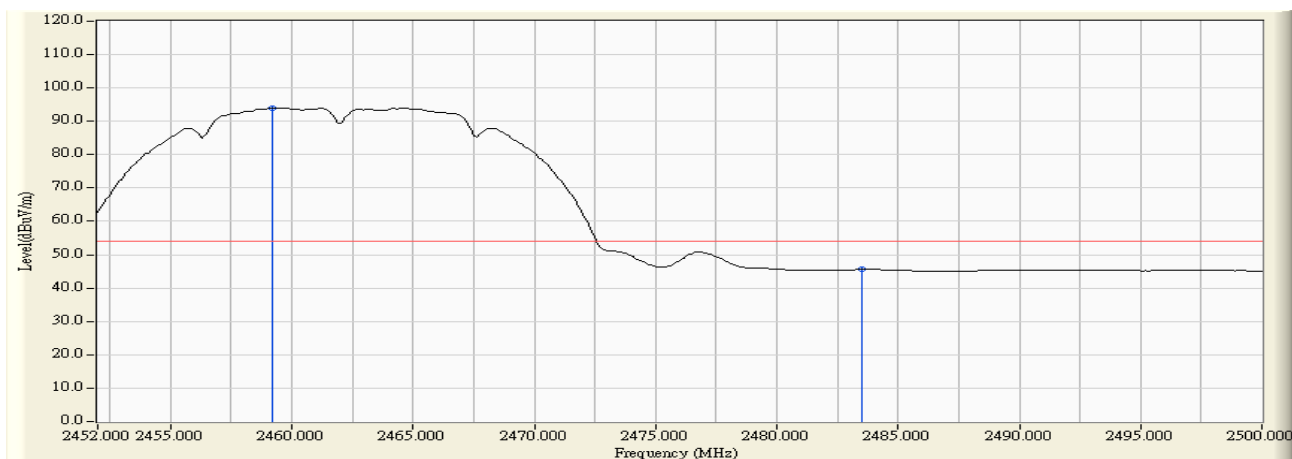
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	20.553	51.737	-2.233	53.970	AVERAGE
2	*	2411.200	31.190	74.565	105.755	N/A	N/A	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 20:14
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 4: Transmit at channel 2462MHz by 802.11n(20MHz)(Chain 1)



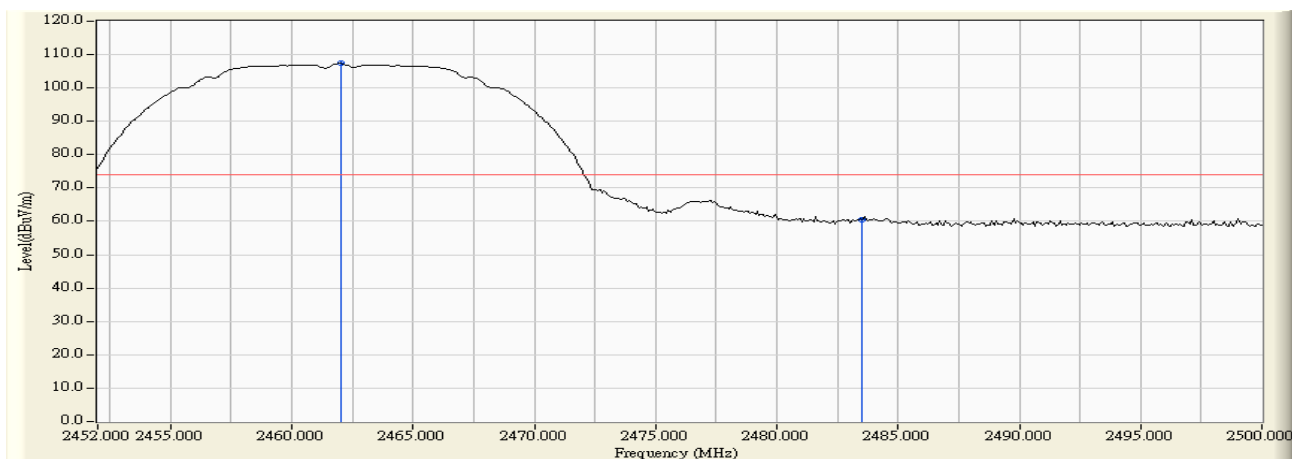
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2462.000	31.225	67.003	98.228	N/A	N/A	PEAK
2		2483.500	31.212	27.277	58.489	-15.481	73.970	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 20:15
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 4: Transmit at channel 2462MHz by 802.11n(20MHz)(Chain 1)



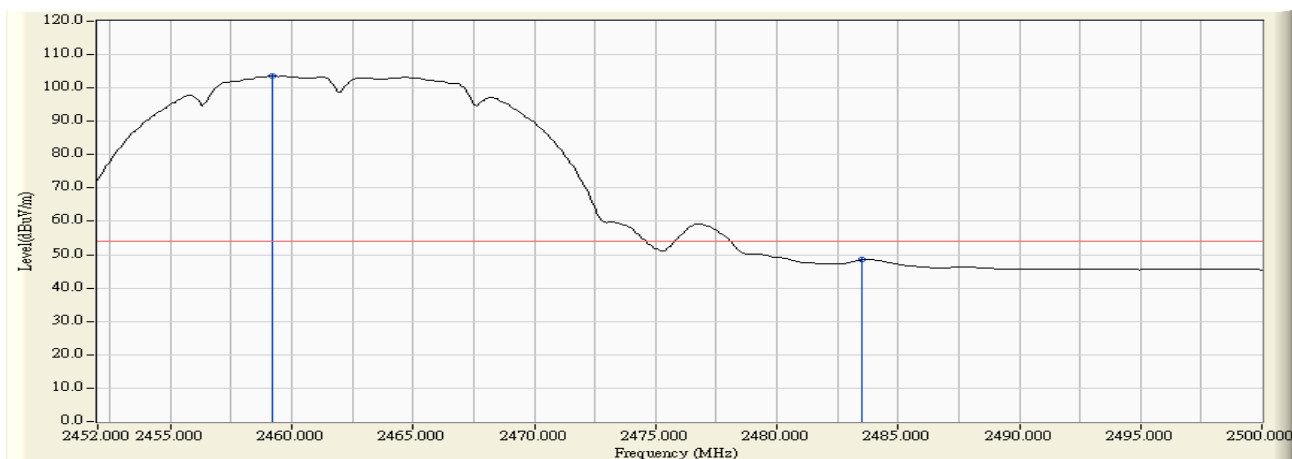
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2459.200	31.224	62.781	94.005	N/A	N/A	AVERAGE
2		2483.500	31.212	14.356	45.568	-8.402	53.970	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 20:17
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 4: Transmit at channel 2462MHz by 802.11n(20MHz)(Chain 1)



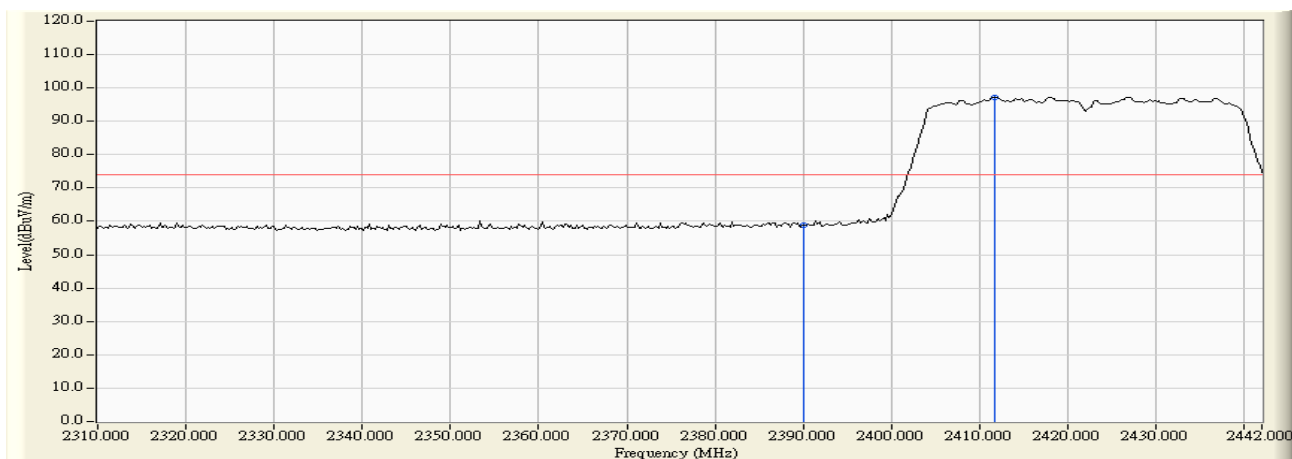
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2462.000	31.225	76.077	107.302	N/A	N/A	PEAK
2		2483.500	31.212	29.310	60.522	-13.448	73.970	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 20:18
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 4: Transmit at channel 2462MHz by 802.11n(20MHz)(Chain 1)



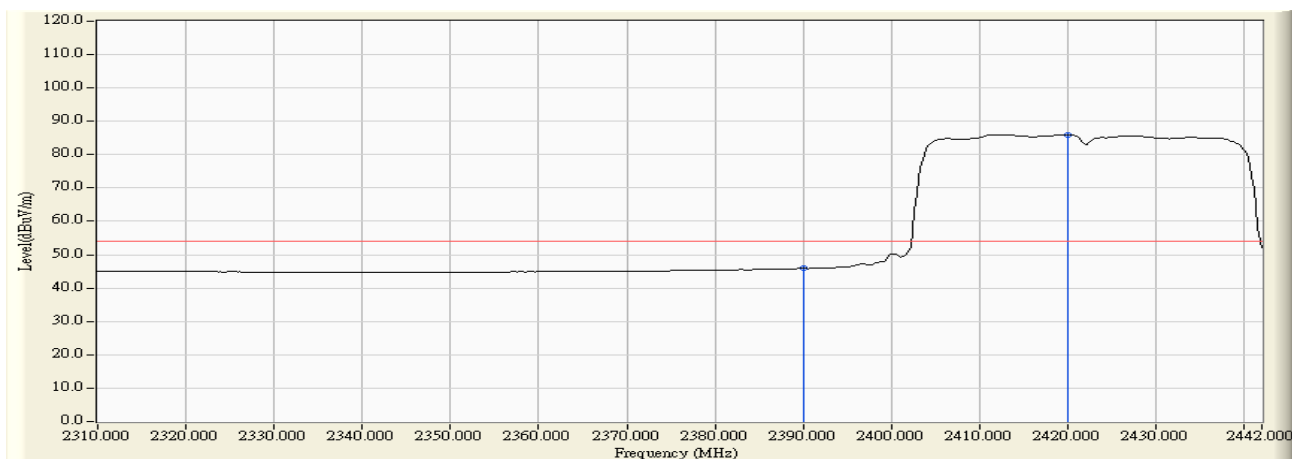
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2459.200	31.224	72.388	103.612	N/A	N/A	AVERAGE
2		2483.500	31.212	17.228	48.440	-5.530	53.970	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 20:22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 5: Transmit at channel 2422MHz by 802.11n(40MHz)(Chain 1)



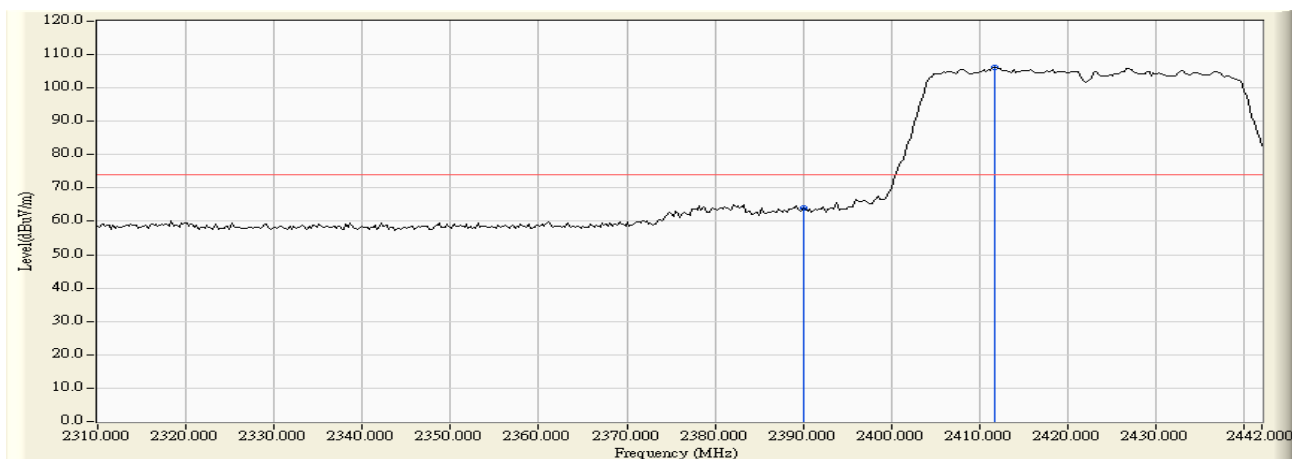
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	27.640	58.824	-15.146	73.970	PEAK
2	*	2411.640	31.190	66.107	97.297	N/A	N/A	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 20:23
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 5: Transmit at channel 2422MHz by 802.11n(40MHz)(Chain 1)



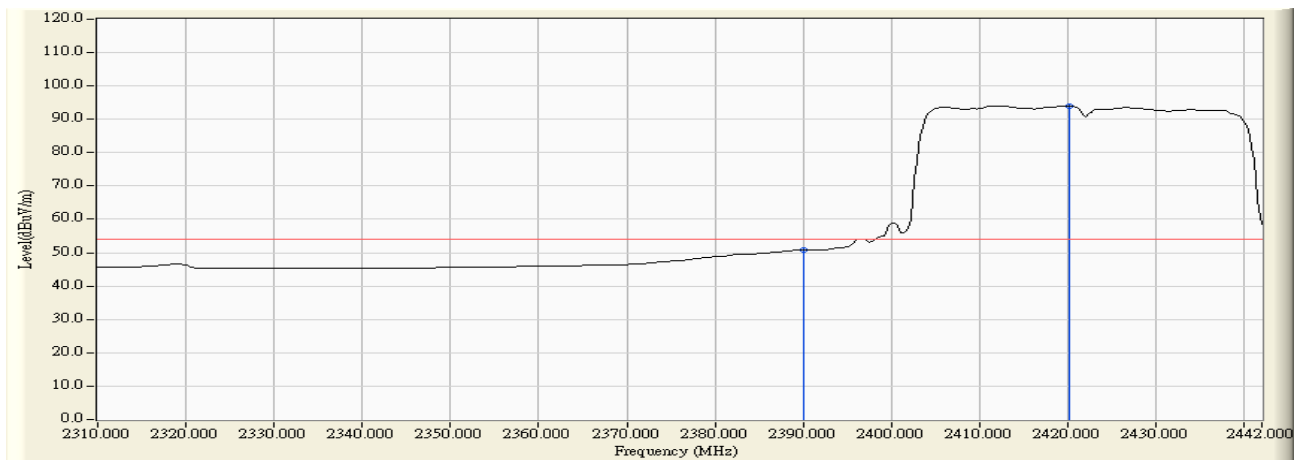
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	14.675	45.859	-8.111	53.970	AVERAGE
2	*	2420.000	31.197	54.856	86.053	N/A	N/A	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 20:25
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 5: Transmit at channel 2422MHz by 802.11n(40MHz)(Chain 1)



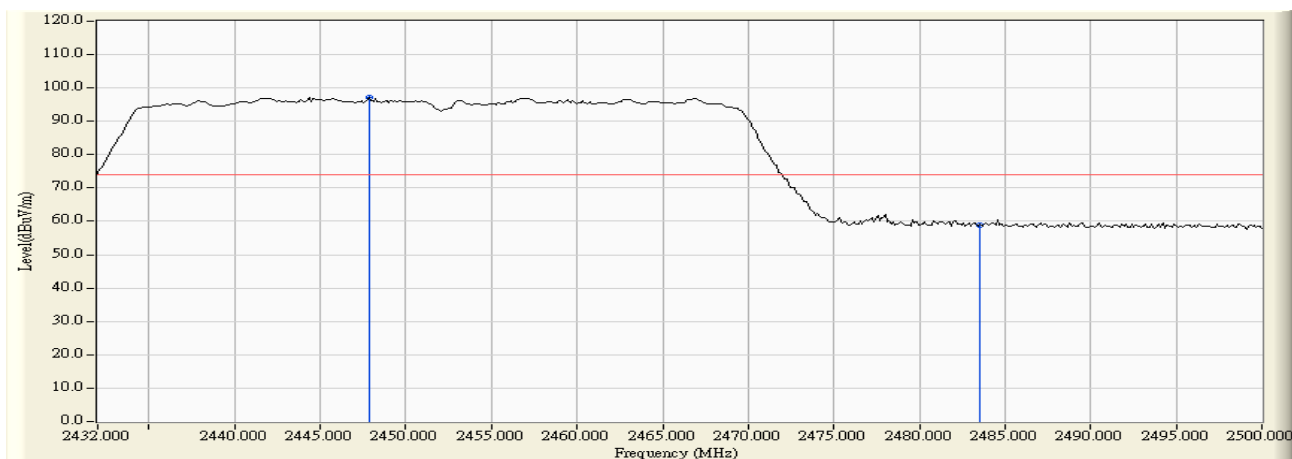
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	32.712	63.896	-10.074	73.970	PEAK
2	*	2411.640	31.190	75.134	106.324	N/A	N/A	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 20:26
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 5: Transmit at channel 2422MHz by 802.11n(40MHz)(Chain 1)



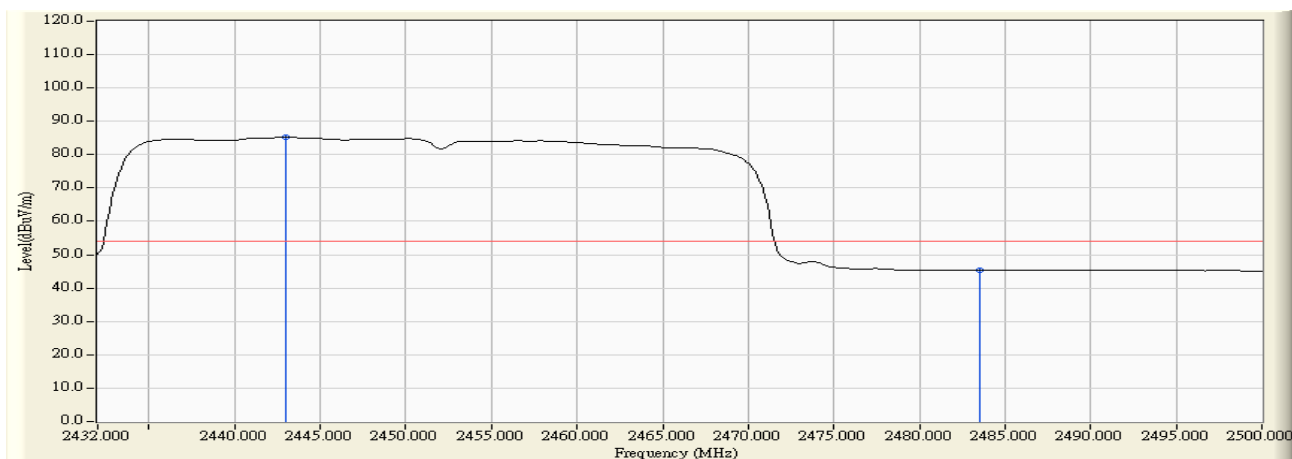
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	19.685	50.869	-3.101	53.970	AVERAGE
2	*	2420.220	31.198	62.726	93.923	N/A	N/A	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 20:29
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 5: Transmit at channel 2452MHz by 802.11n(40MHz)(Chain 1)



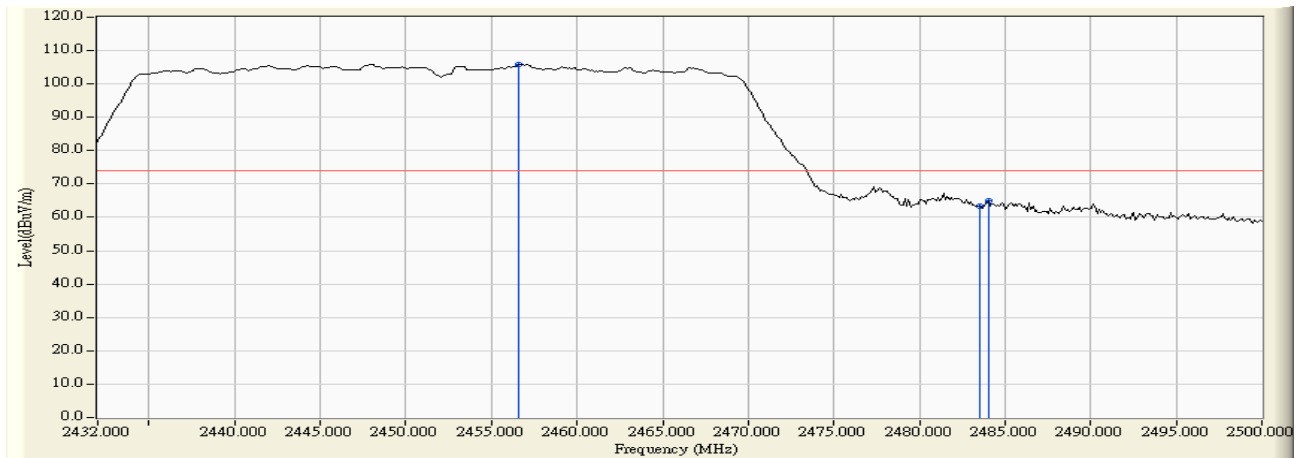
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2447.867	31.220	65.957	97.177	N/A	N/A	PEAK
2		2483.500	31.212	27.670	58.882	-15.088	73.970	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 20:29
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 5: Transmit at channel 2452MHz by 802.11n(40MHz)(Chain 1)



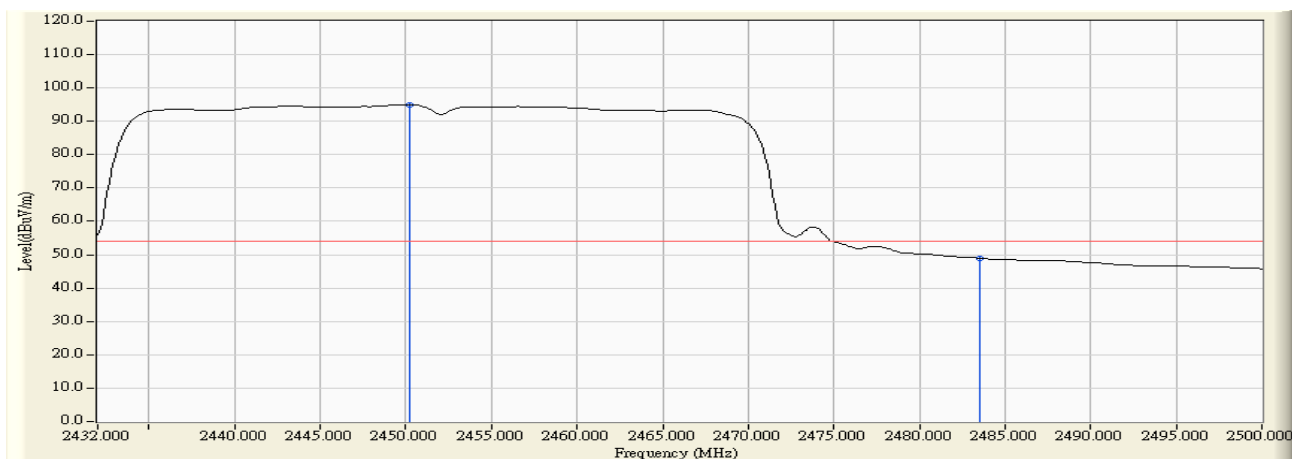
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2442.993	31.217	53.951	85.168	N/A	N/A	AVERAGE
2		2483.500	31.212	14.116	45.328	-8.642	53.970	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 20:30
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 5: Transmit at channel 2452MHz by 802.11n(40MHz)(Chain 1)



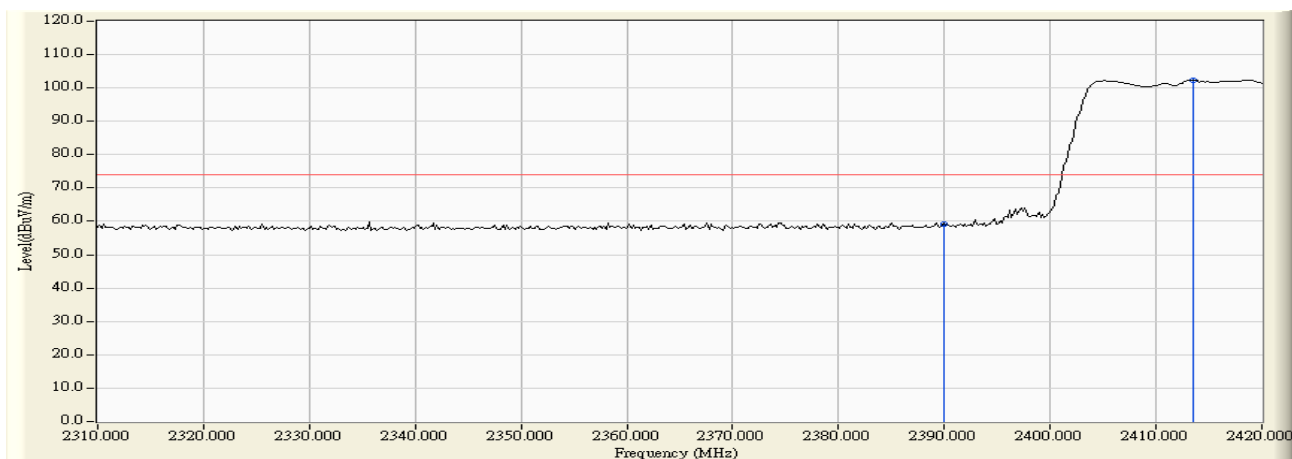
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2456.593	31.223	74.719	105.942	N/A	N/A	PEAK
2		2483.500	31.212	32.054	63.266	-10.704	73.970	PEAK
3		2484.020	31.212	33.787	64.999	-8.971	73.970	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 20:31
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 5: Transmit at channel 2452MHz by 802.11n(40MHz)(Chain 1)



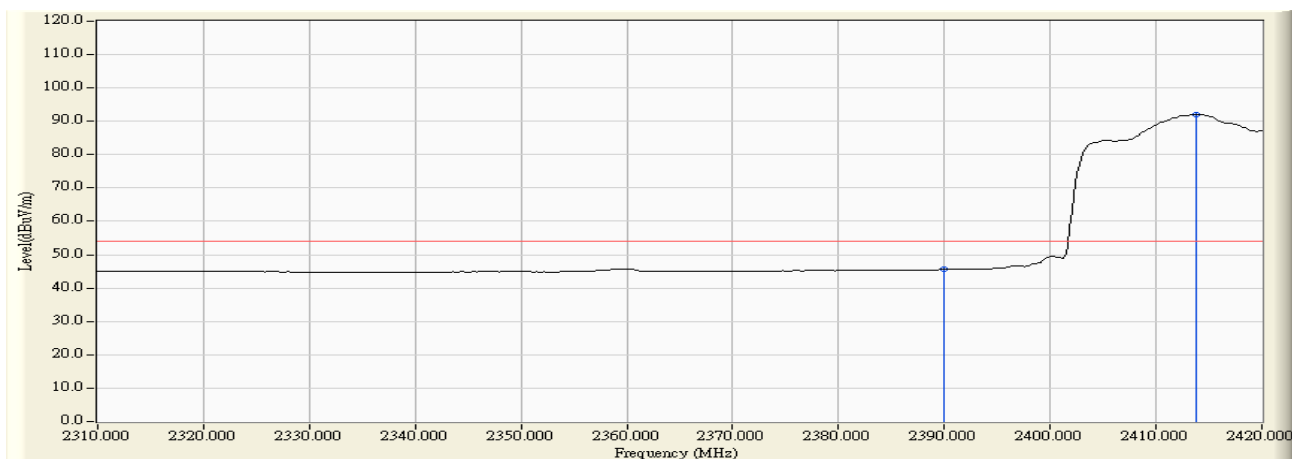
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2450.247	31.221	63.668	94.889	N/A	N/A	AVERAGE
2		2483.500	31.212	17.725	48.937	-5.033	53.970	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 20:39
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 4: Transmit at channel 2412MHz by 802.11n(20MHz)(Chain 0+1)



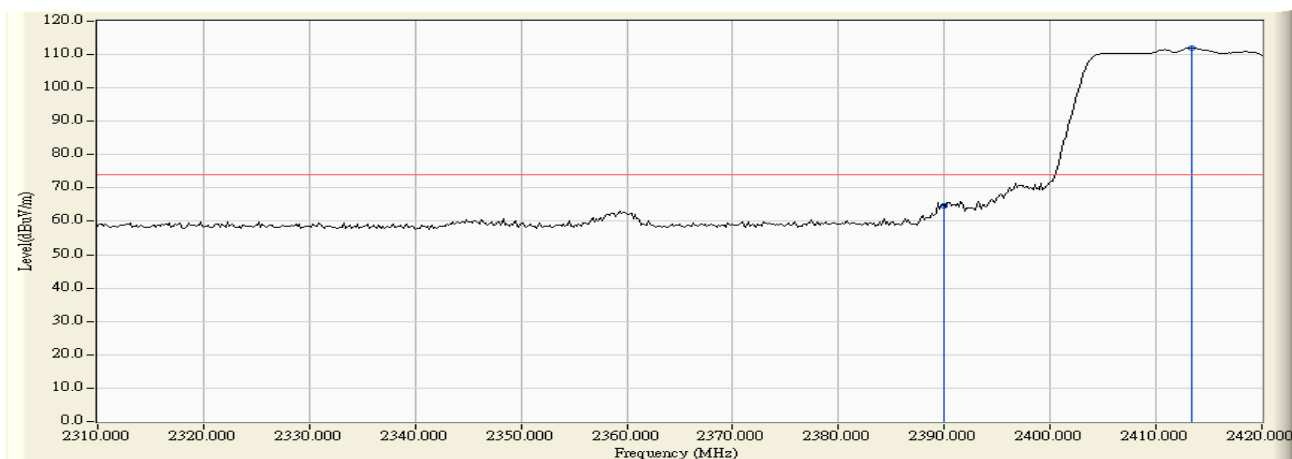
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	28.062	59.246	-14.724	73.970	PEAK
2	*	2413.583	31.191	71.163	102.355	N/A	N/A	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 20:41
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 4: Transmit at channel 2412MHz by 802.11n(20MHz)(Chain 0+1)



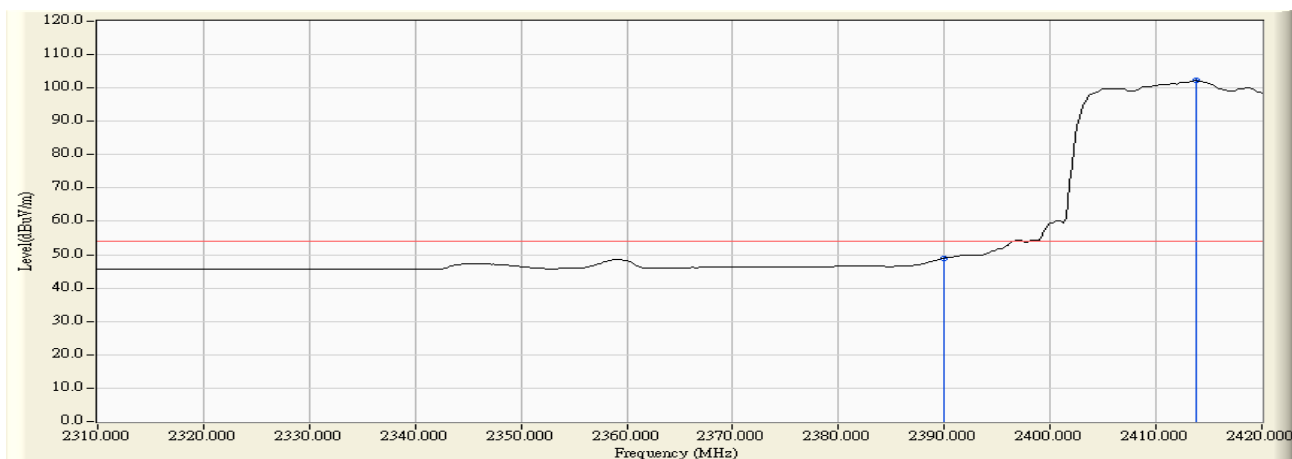
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	14.404	45.588	-8.382	53.970	AVERAGE
2	*	2413.767	31.191	60.963	92.155	N/A	N/A	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 20:43
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 4: Transmit at channel 2412MHz by 802.11n(20MHz)(Chain 0+1)



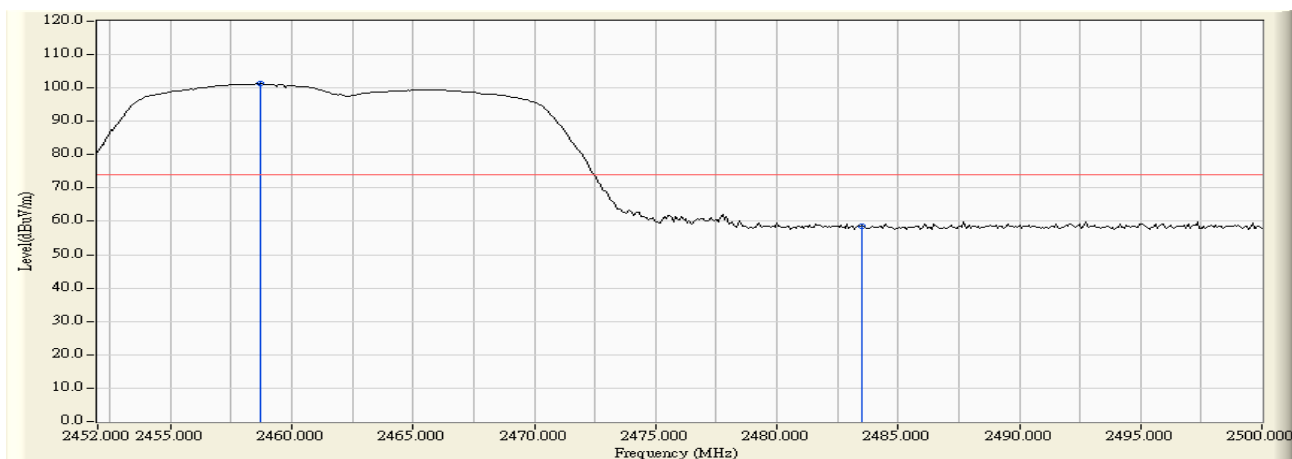
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	33.598	64.782	-9.188	73.970	PEAK
2	*	2413.400	31.192	80.892	112.084	N/A	N/A	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 20:45
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 4: Transmit at channel 2412MHz by 802.11n(20MHz)(Chain 0+1)



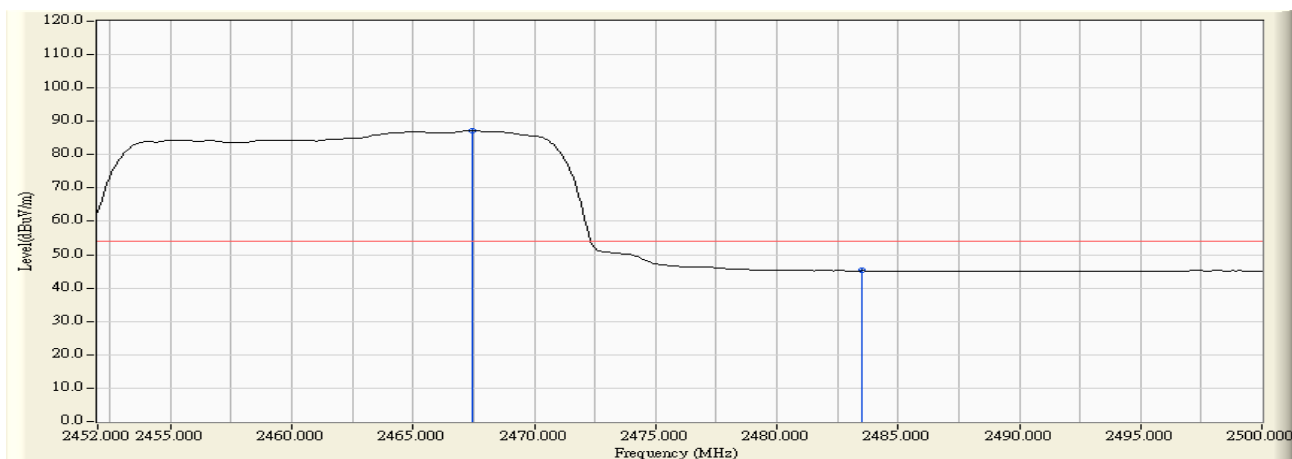
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	17.865	49.049	-4.921	53.970	AVERAGE
2	*	2413.767	31.191	70.963	102.155	N/A	N/A	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 20:47
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 4: Transmit at channel 2462MHz by 802.11n(20MHz)(Chain 0+1)



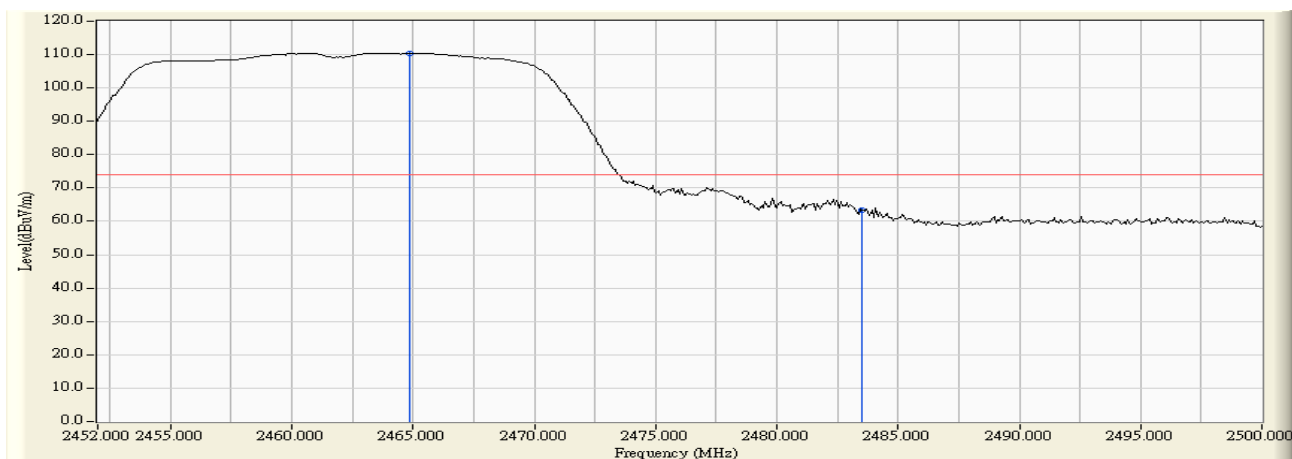
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2458.720	31.224	70.021	101.245	N/A	N/A	PEAK
2		2483.500	31.212	27.437	58.649	-15.321	73.970	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 20:47
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 4: Transmit at channel 2462MHz by 802.11n(20MHz)(Chain 0+1)



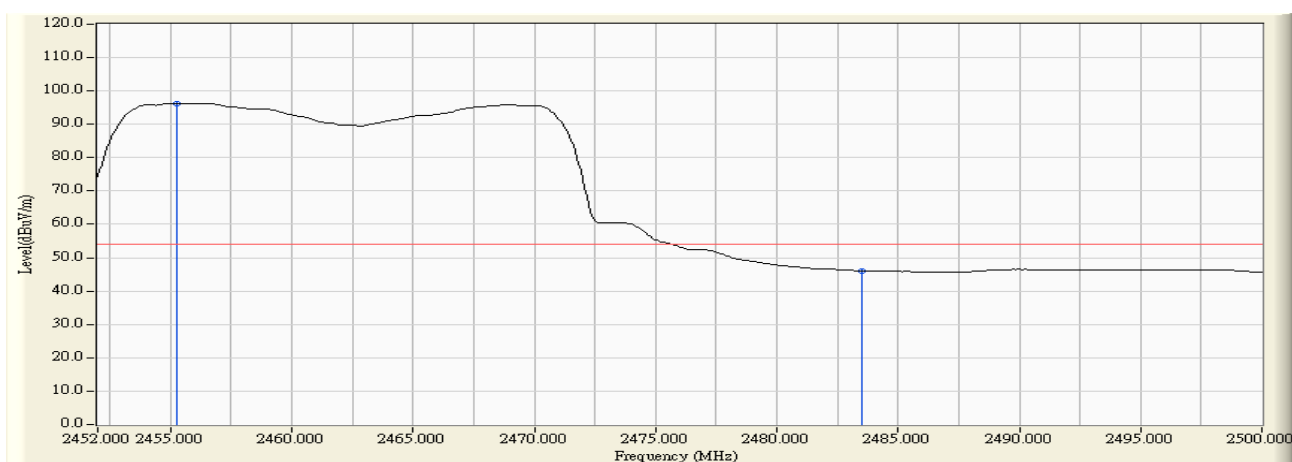
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2467.440	31.222	55.851	87.073	N/A	N/A	AVERAGE
2		2483.500	31.212	13.992	45.204	-8.766	53.970	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 20:49
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 4: Transmit at channel 2462MHz by 802.11n(20MHz)(Chain 0+1)



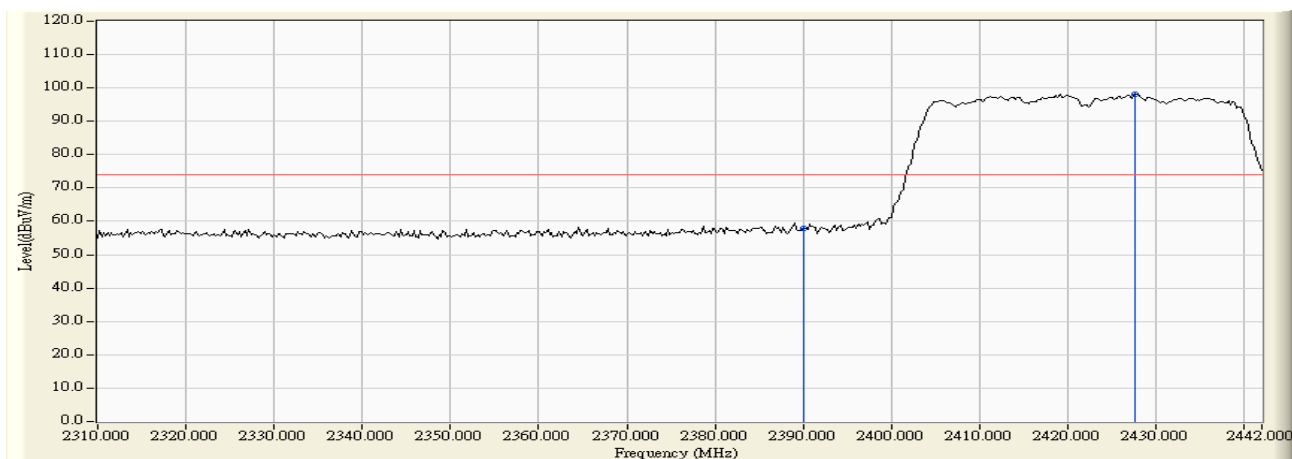
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2464.880	31.223	79.247	110.471	N/A	N/A	PEAK
2		2483.500	31.212	32.278	63.490	-10.480	73.970	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 20:49
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 4: Transmit at channel 2462MHz by 802.11n(20MHz)(Chain 0+1)



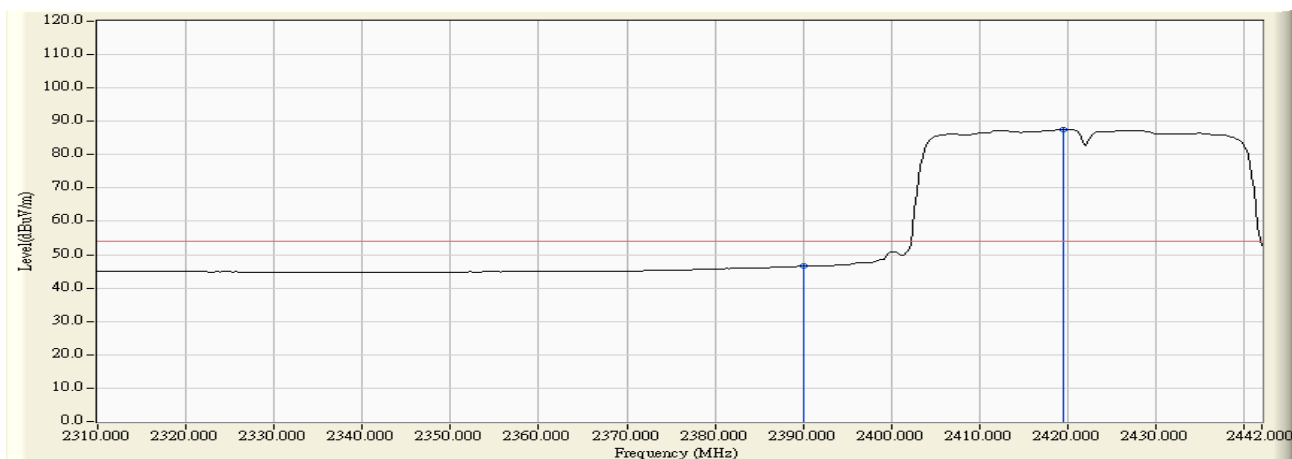
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2455.280	31.223	65.130	96.353	N/A	N/A	AVERAGE
2		2483.500	31.212	14.862	46.074	-7.896	53.970	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 20:53
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 5: Transmit at channel 2422MHz by 802.11n(40MHz)(Chain 0+1)



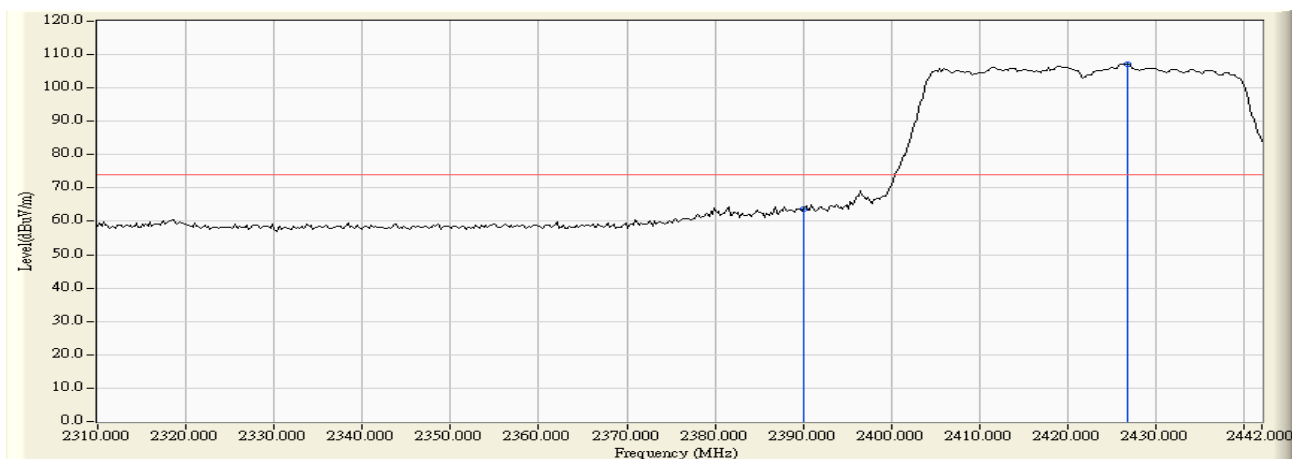
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	26.672	57.856	-16.114	73.970	PEAK
2	*	2427.700	31.204	66.834	98.038	N/A	N/A	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 20:53
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 5: Transmit at channel 2422MHz by 802.11n(40MHz)(Chain 0+1)



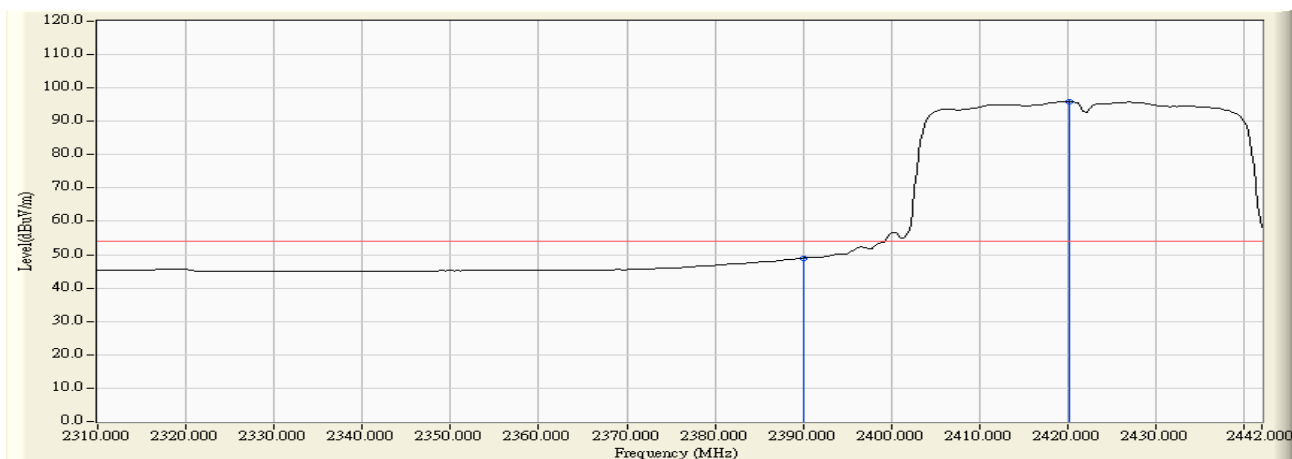
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	15.365	46.549	-7.421	53.970	AVERAGE
2	*	2419.560	31.197	56.397	87.594	N/A	N/A	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 20:54
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 5: Transmit at channel 2422MHz by 802.11n(40MHz)(Chain 0+1)



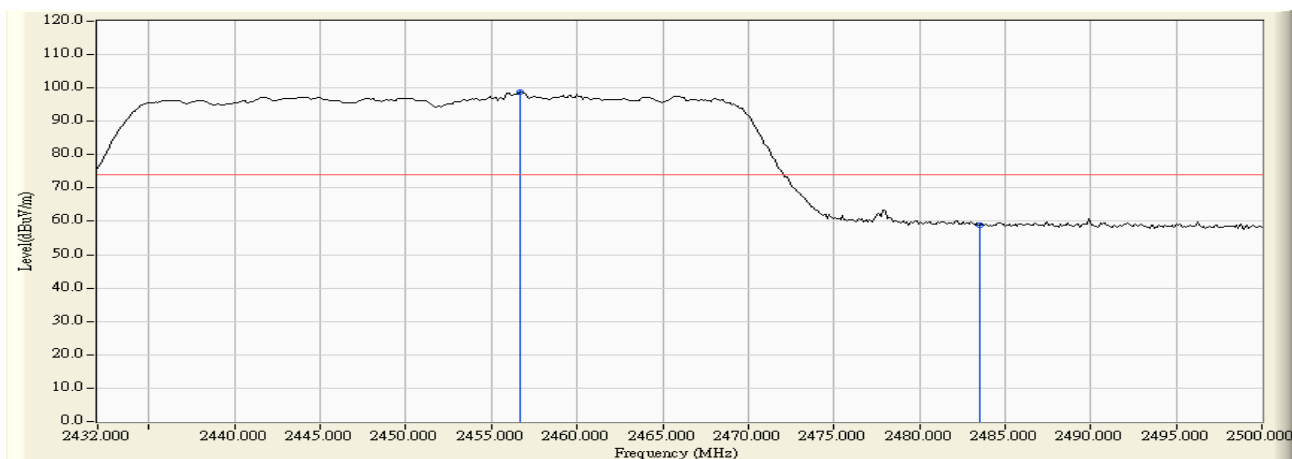
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	32.536	63.720	-10.250	73.970	PEAK
2	*	2426.820	31.203	75.975	107.178	N/A	N/A	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 20:55
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 5: Transmit at channel 2422MHz by 802.11n(40MHz)(Chain 0+1)



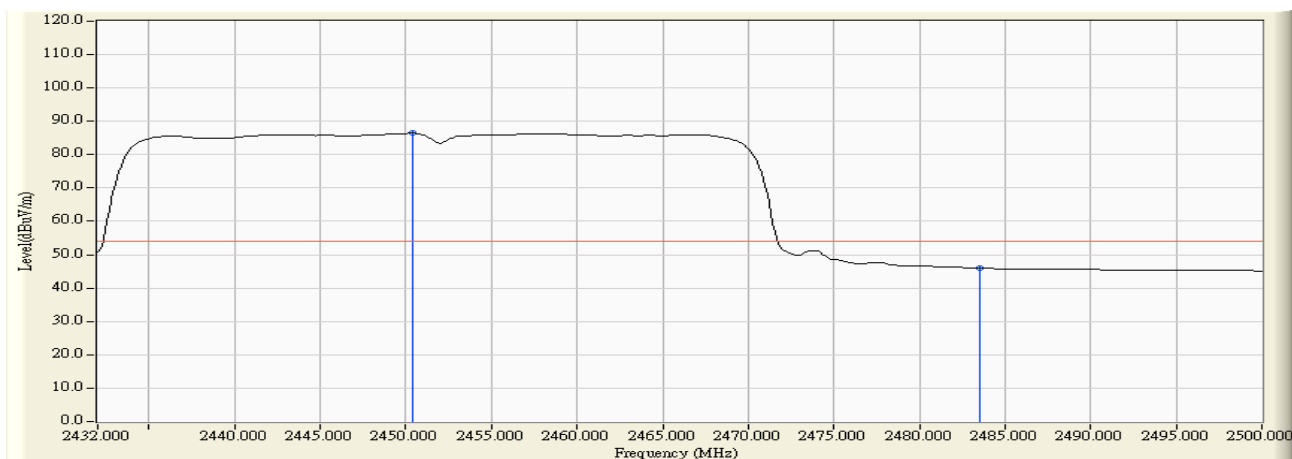
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	31.184	17.869	49.053	-4.917	53.970	AVERAGE
2	*	2420.220	31.198	64.764	95.961	N/A	N/A	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 20:57
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 5: Transmit at channel 2452MHz by 802.11n(40MHz)(Chain 0+1)



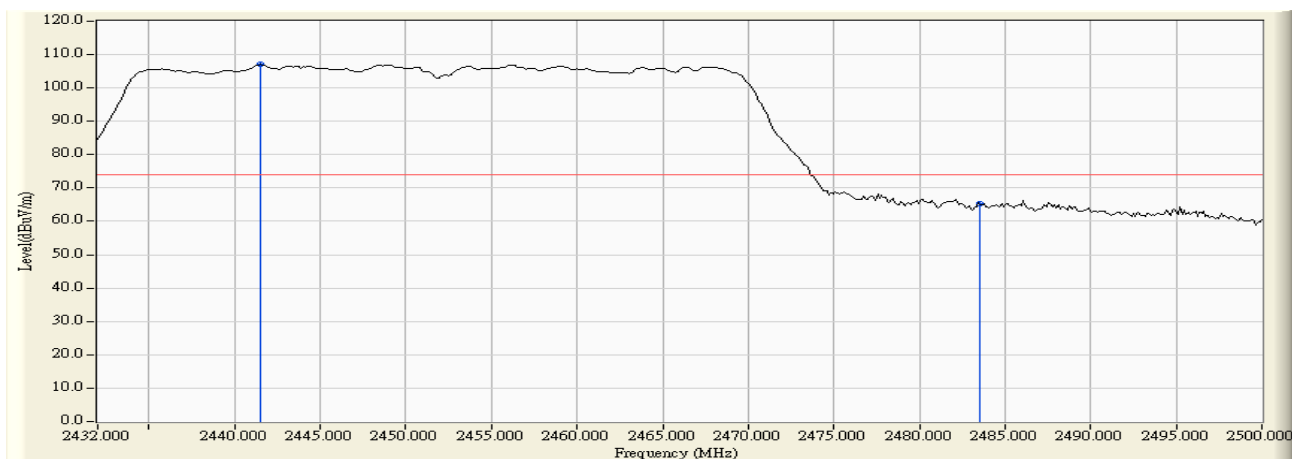
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2456.707	31.223	67.402	98.625	N/A	N/A	PEAK
2		2483.500	31.212	27.721	58.933	-15.037	73.970	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 20:57
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	Note : Mode 5: Transmit at channel 2452MHz by 802.11n(40MHz)(Chain 0+1)



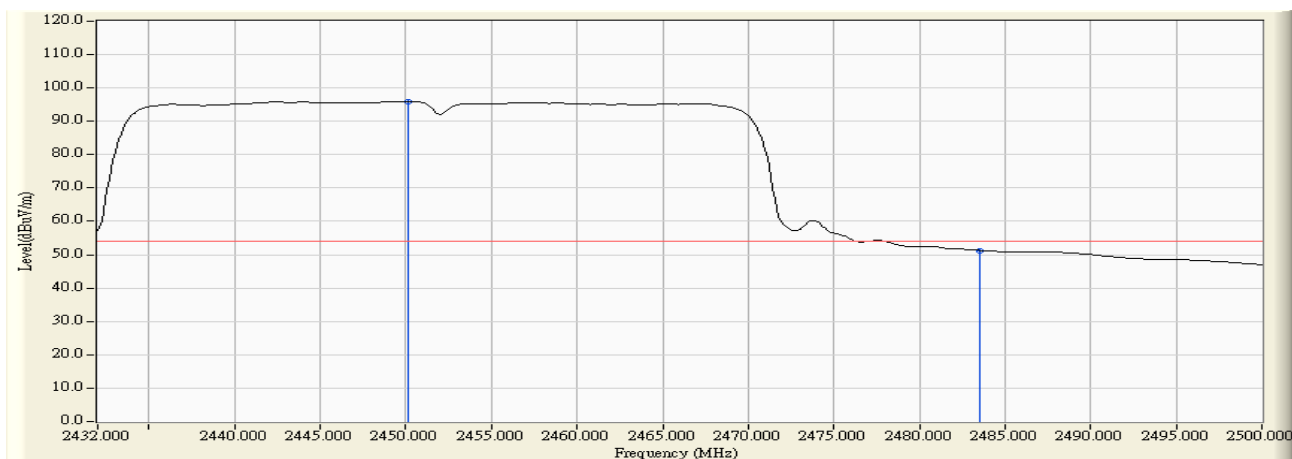
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2450.360	31.221	55.227	86.448	N/A	N/A	AVERAGE
2		2483.500	31.212	14.732	45.944	-8.026	53.970	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 20:58
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	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	*	2441.520	31.215	75.767	106.983	N/A	N/A	PEAK
2		2483.500	31.212	34.184	65.396	-8.574	73.970	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/08/31 - 20:59
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : Flip Share TV (Set Top Box)	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	*	2450.133	31.221	64.745	95.966	N/A	N/A	AVERAGE
2		2483.500	31.212	20.096	51.308	-2.662	53.970	AVERAGE

7. Operation Frequency Range of 20dB Bandwidth

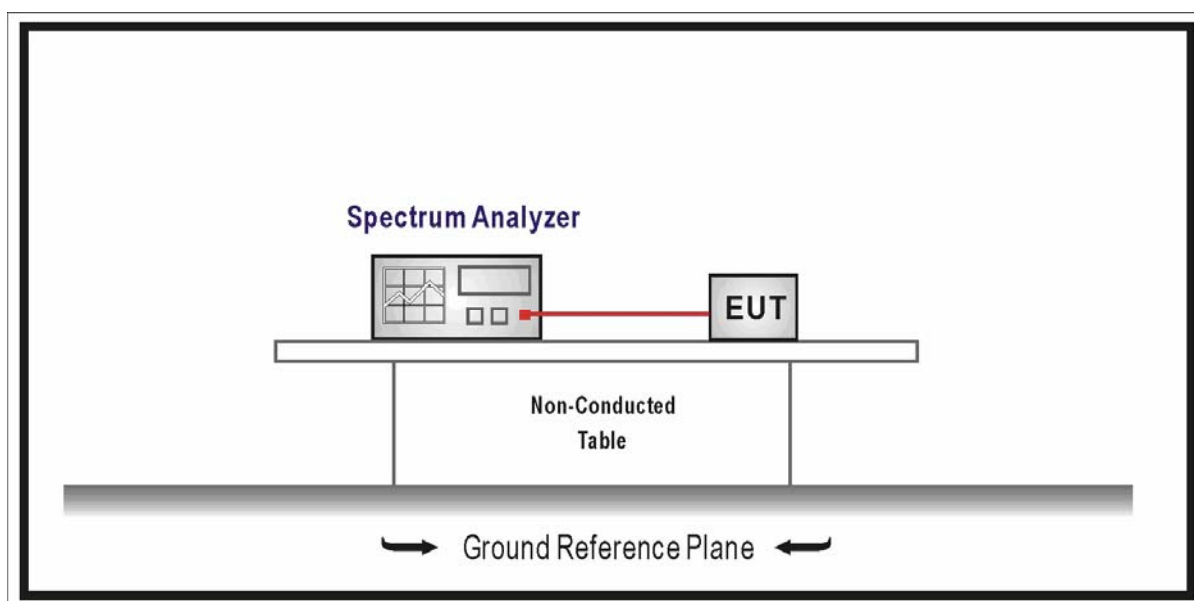
7.1. Test Equipment

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.

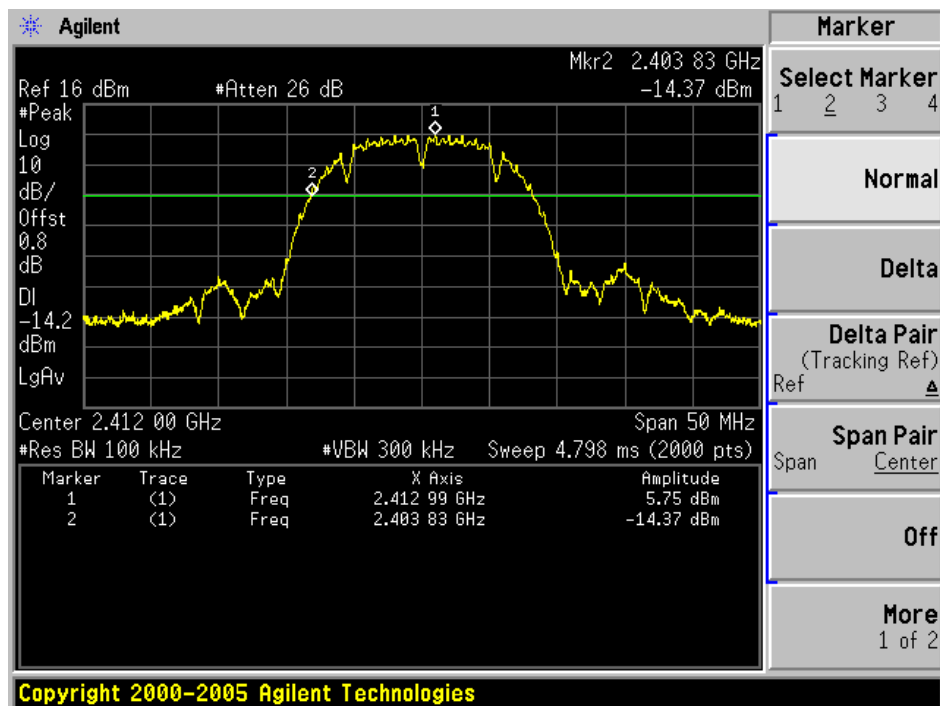
7.5. Uncertainty

The measurement uncertainty is defined as ± 1 kHz

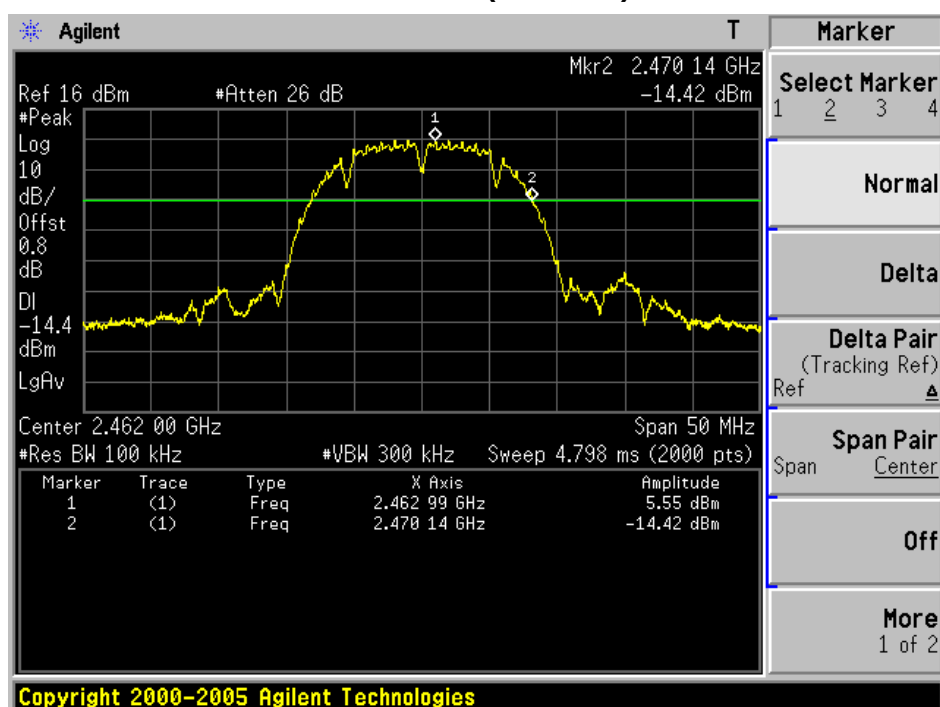
7.6. Test Result

Product	:	Flip Share TV (Set Top Box)
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)

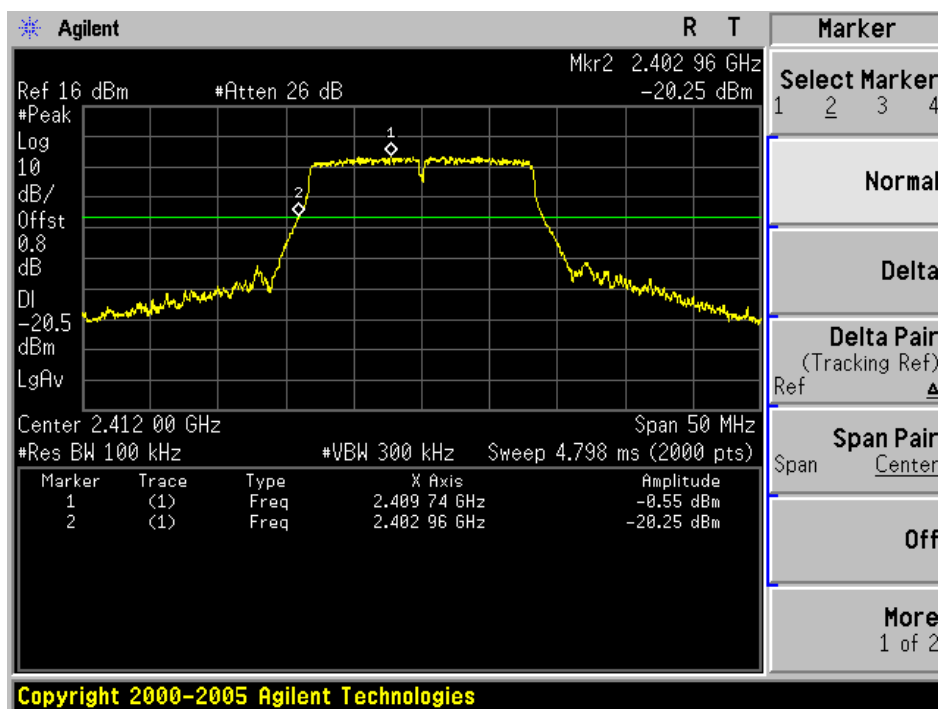


Channel 11 (2462MHz)

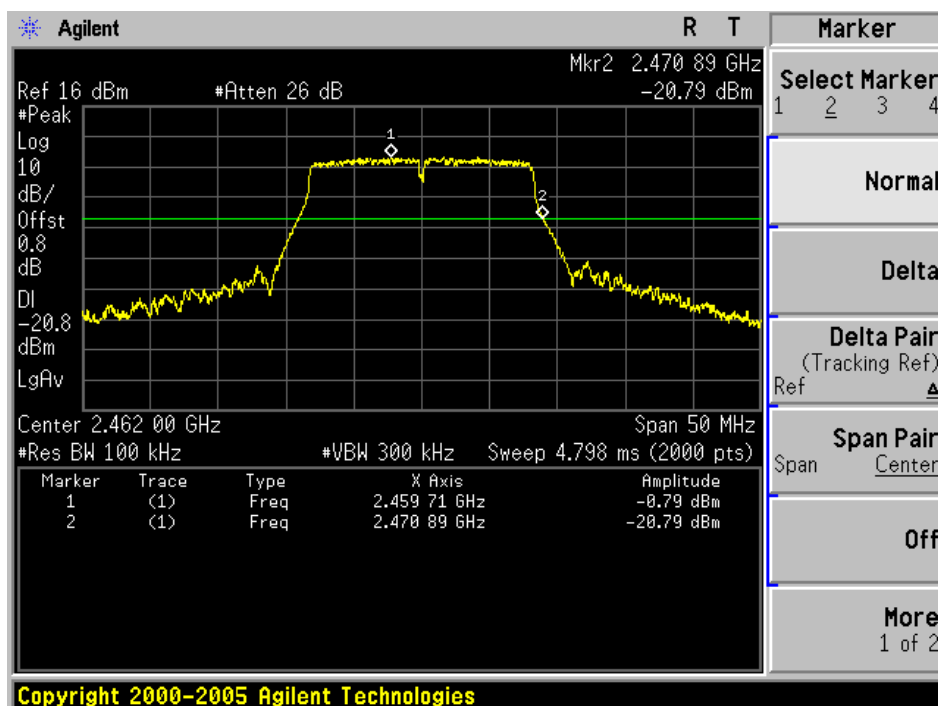


Product	:	Flip Share TV (Set Top Box)
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 2: Transmit by 802.11g (Chain 0)

Channel 01 (2412MHz)

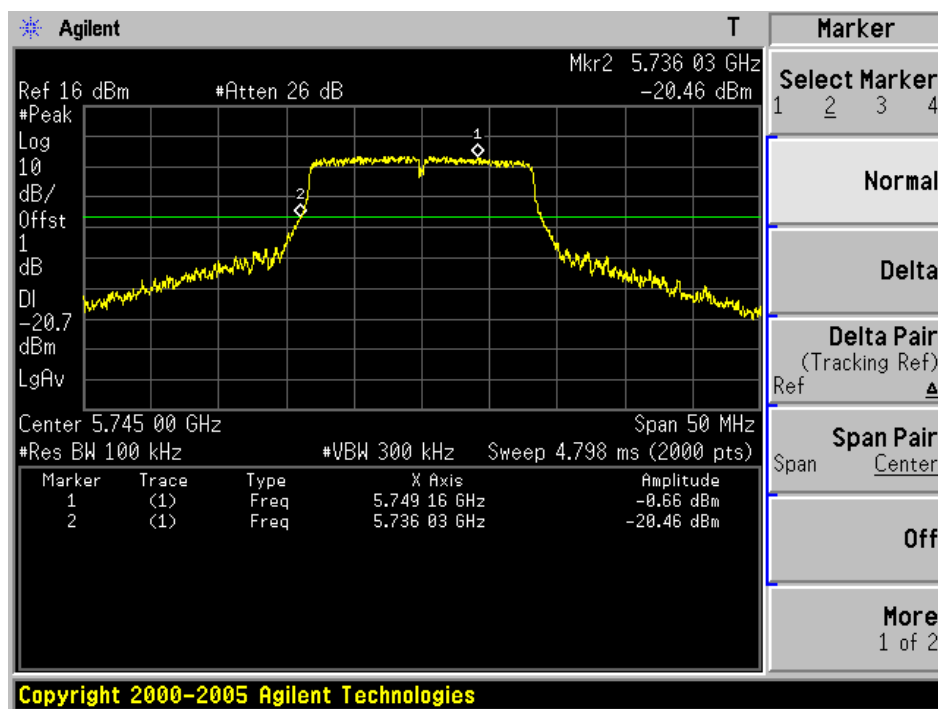


Channel 11 (2462MHz)

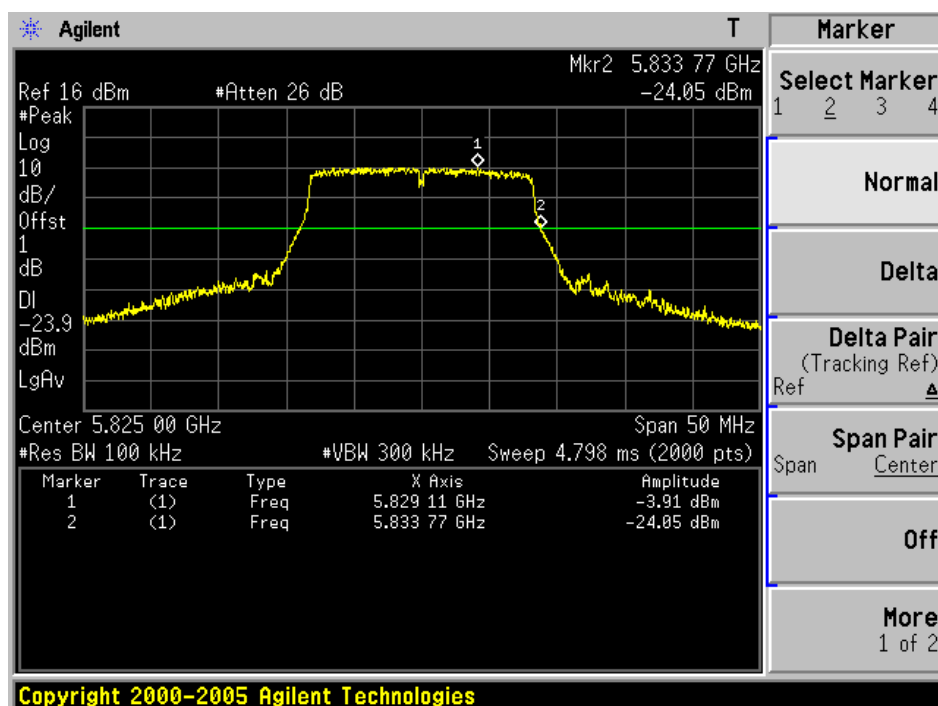


Product	:	Flip Share TV (Set Top Box)
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 1: Transmit by 802.11a (Chain 0)

Channel 149 (5745MHz)

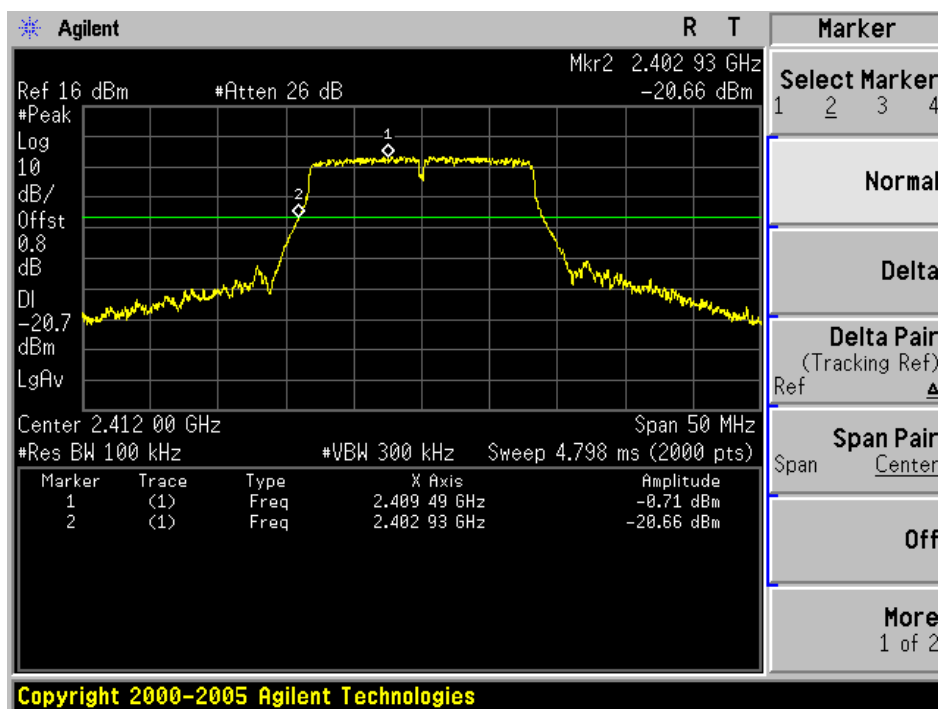


Channel 165 (5825MHz)

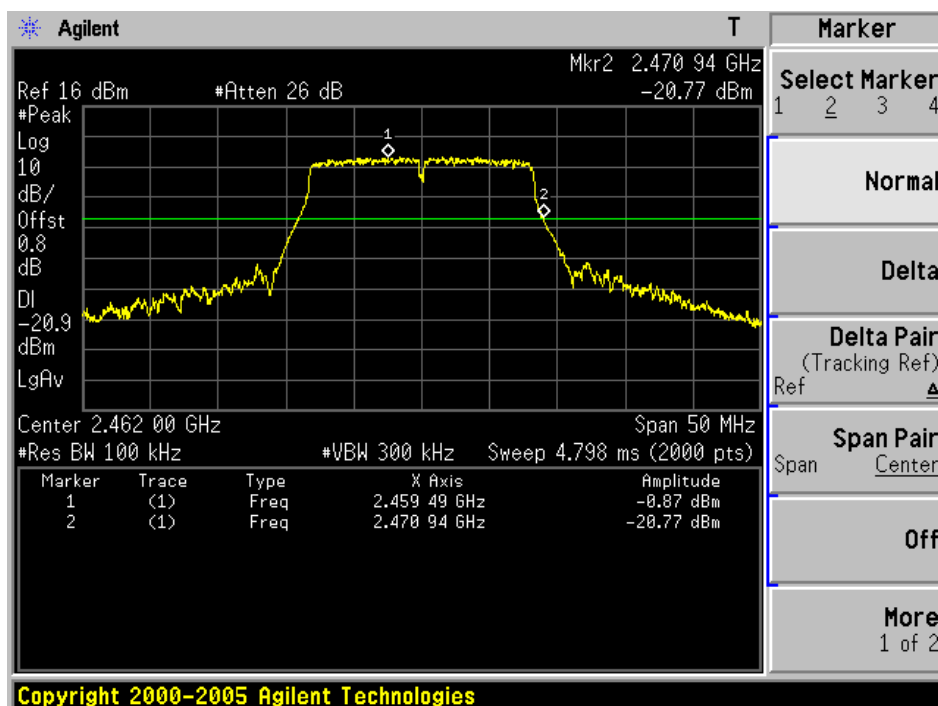


Product	:	Flip Share TV (Set Top Box)
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 4: Transmit by 802.11n (20MHz) (Chain 0)

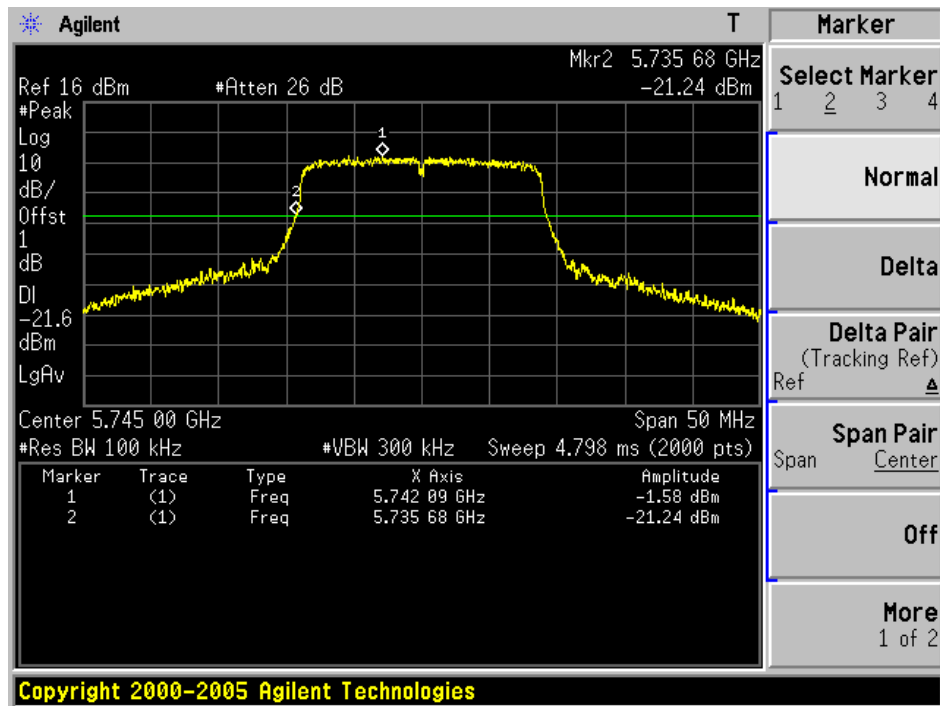
Channel 01 (2412MHz)



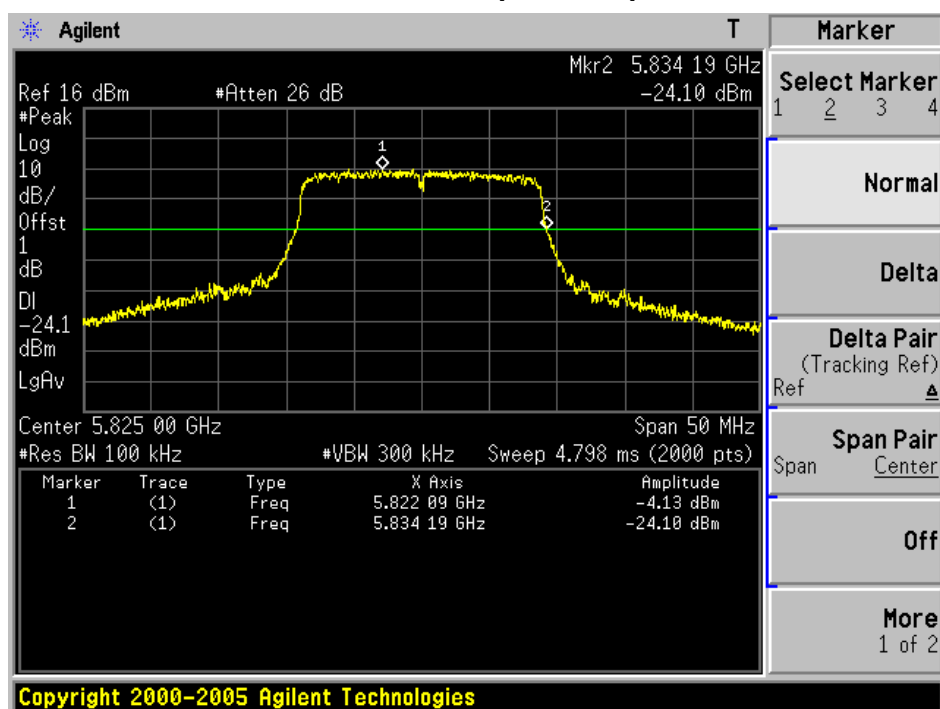
Channel 11 (2462MHz)



Channel 149 (5745MHz)

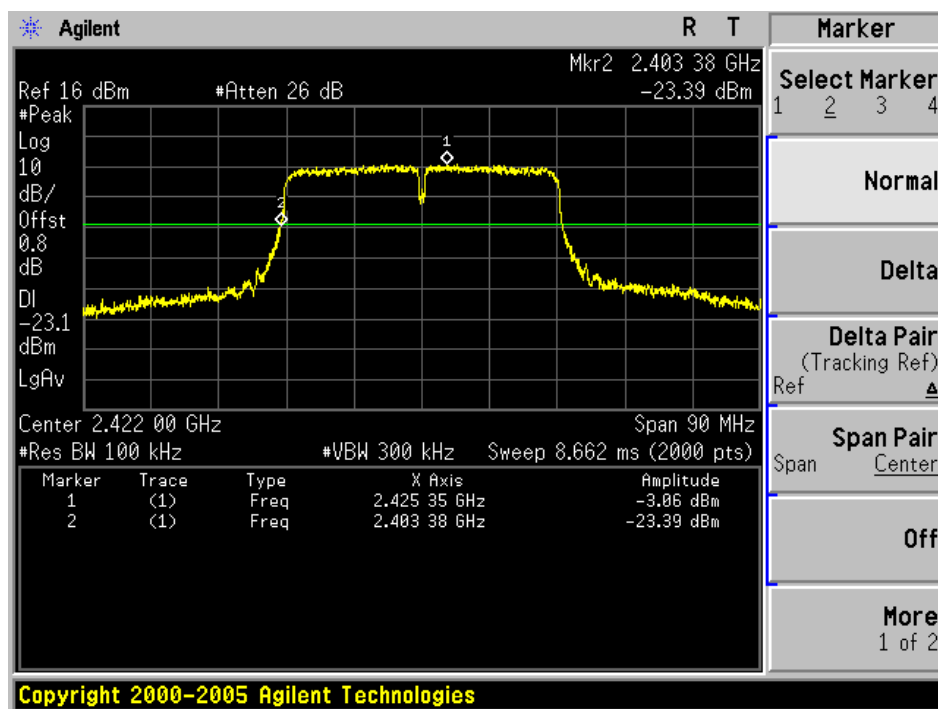


Channel 165 (5825MHz)

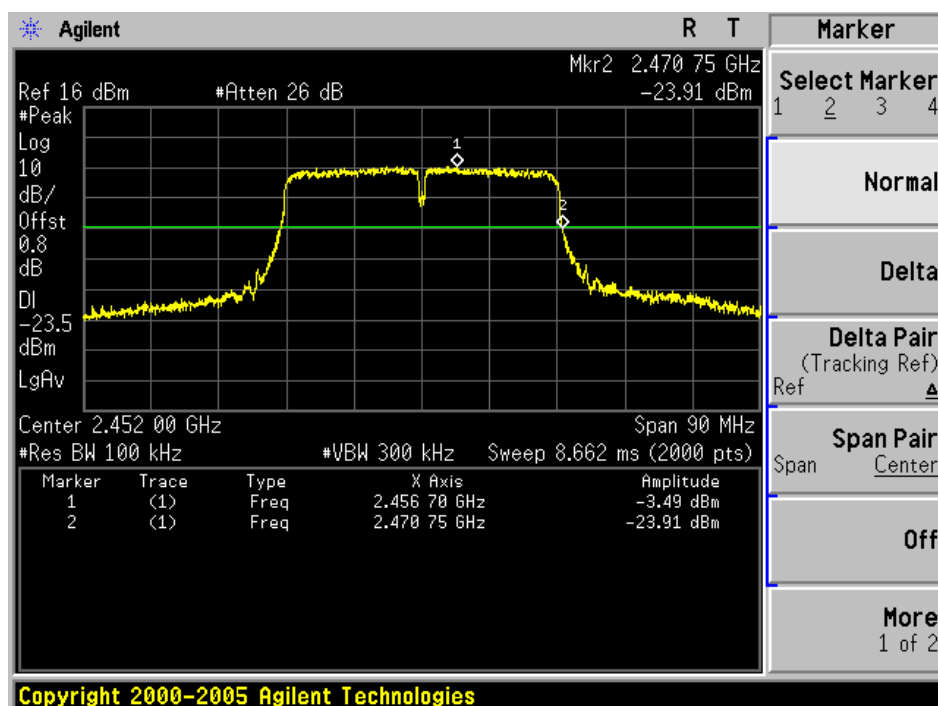


Product	:	Flip Share TV (Set Top Box)
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 5: Transmit by 802.11n (40MHz) (Chain 0)

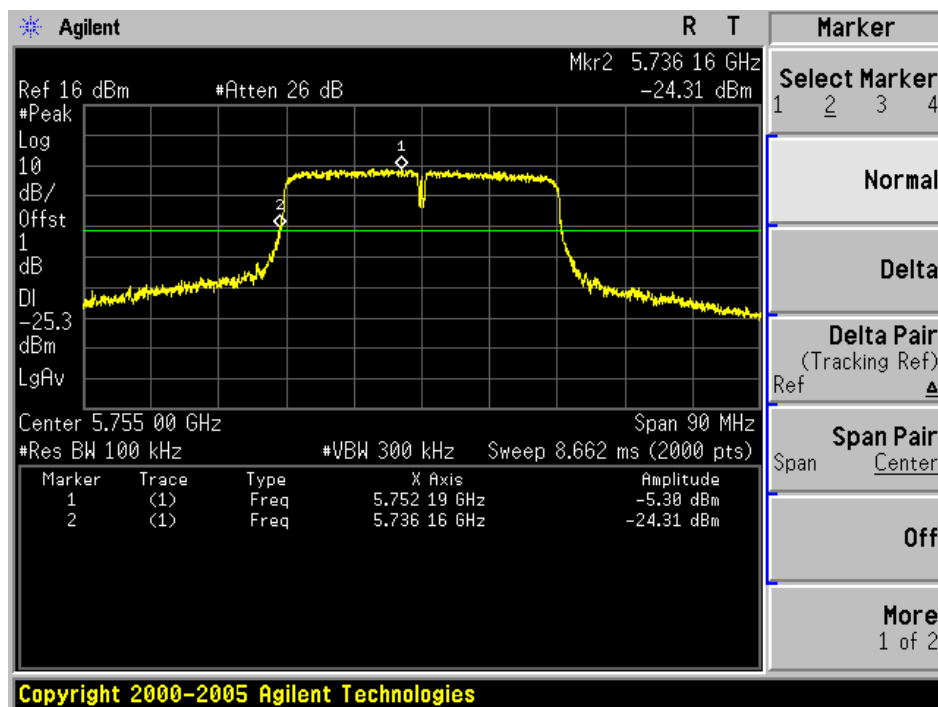
Channel 03 (2422MHz)



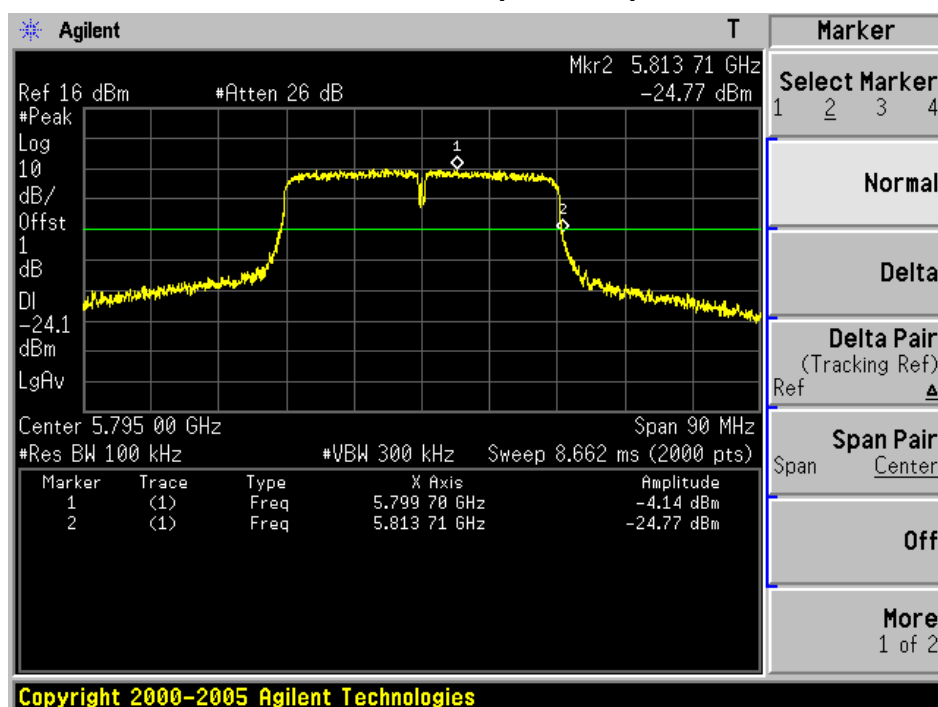
Channel 09 (2452MHz)



Channel 151 (5755MHz)

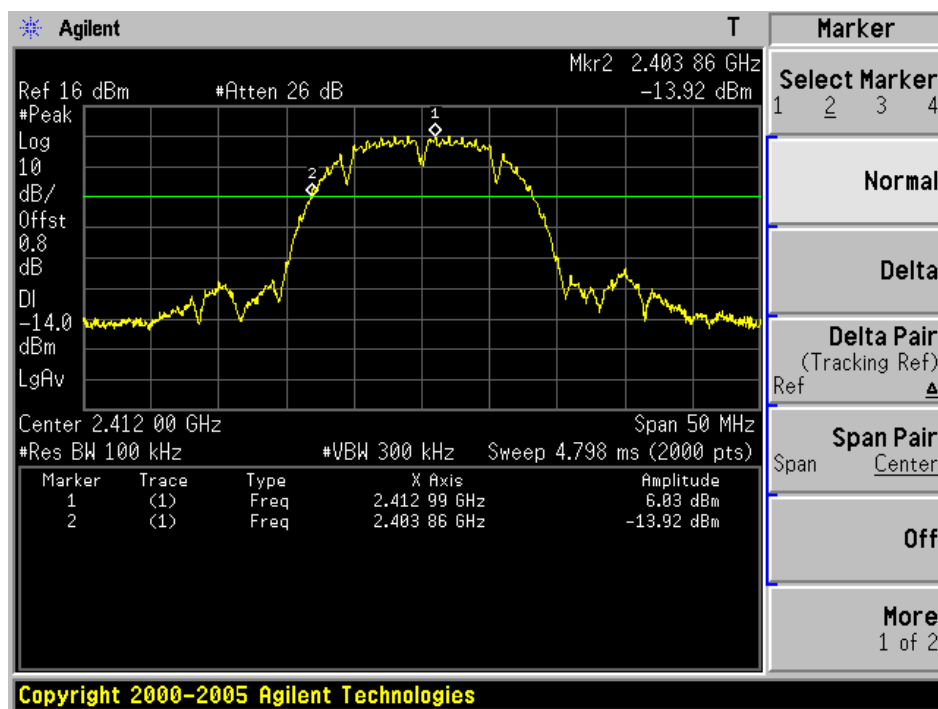


Channel 159 (5795MHz)

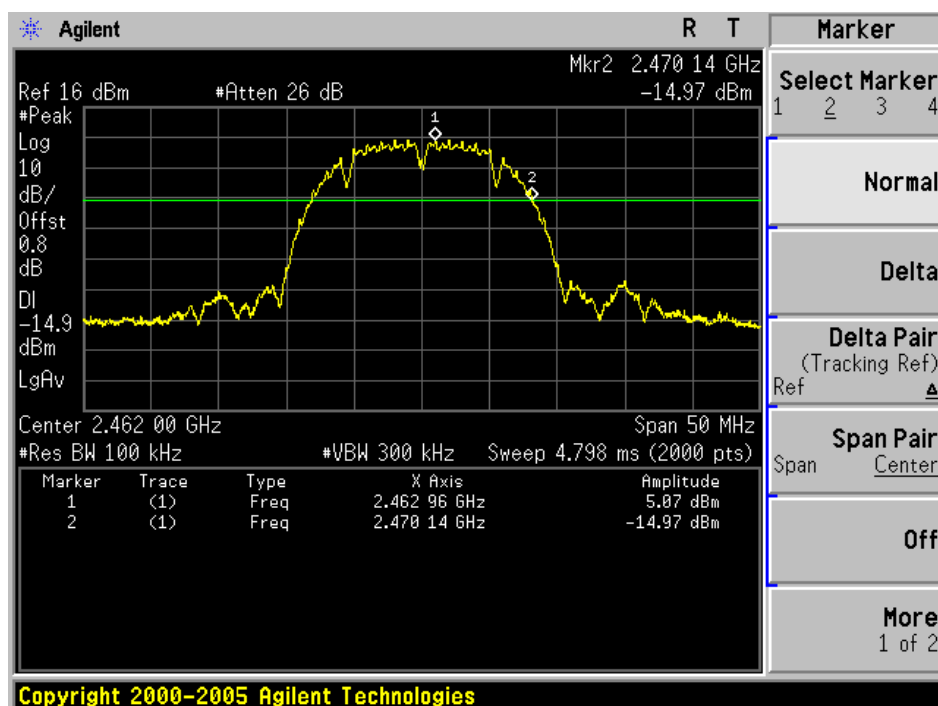


Product	:	Flip Share TV (Set Top Box)
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 1: Transmit by 802.11b (Chain 1)

Channel 01 (2412MHz)

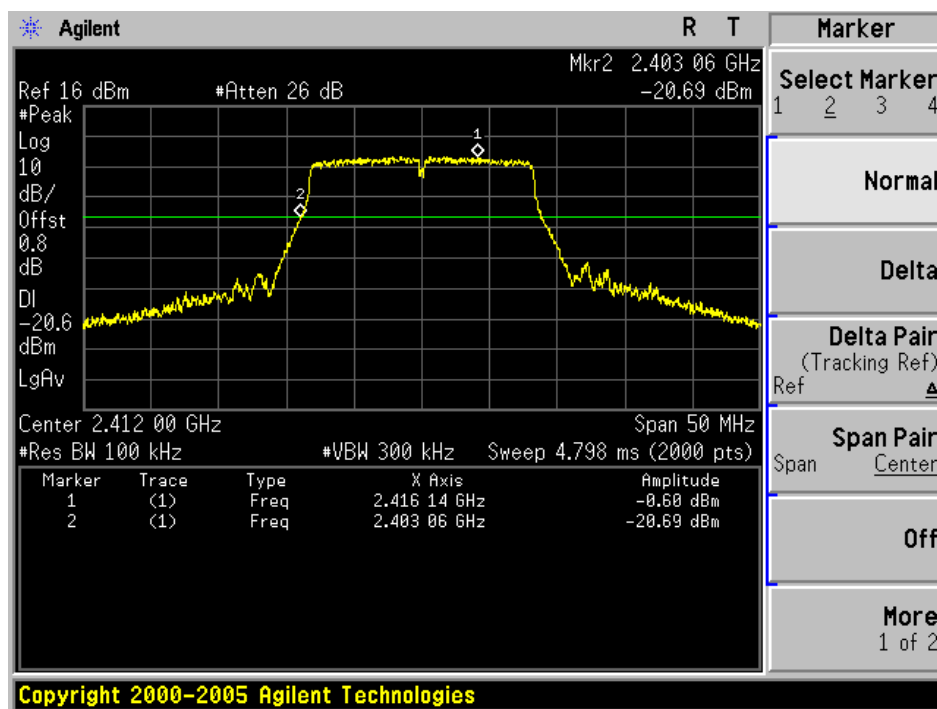


Channel 11 (2462MHz)

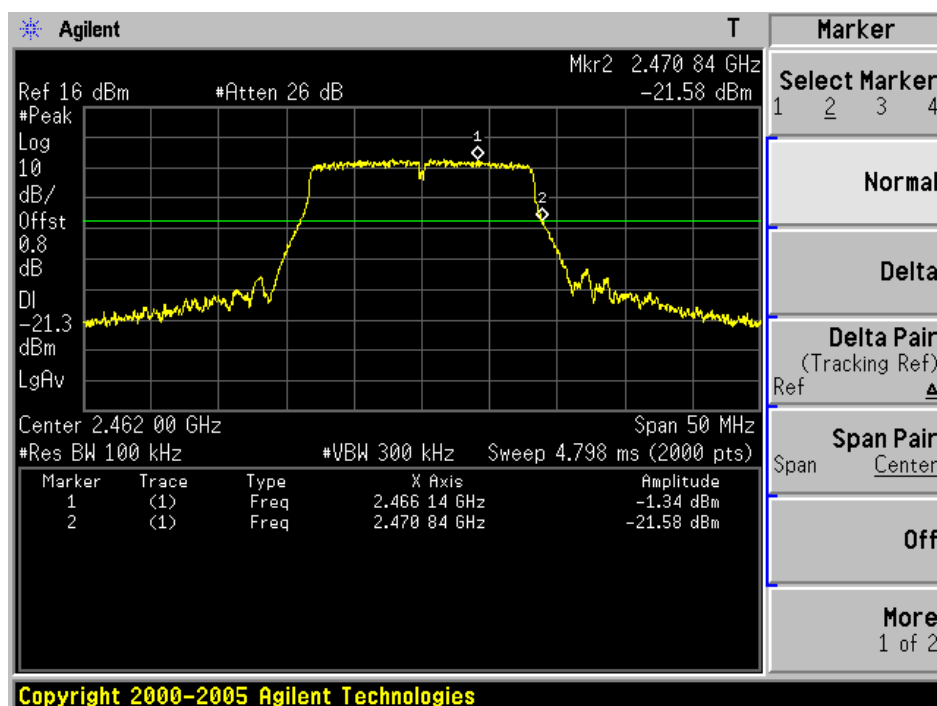


Product	:	Flip Share TV (Set Top Box)
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 2: Transmit by 802.11g (Chain 1)

Channel 01 (2412MHz)

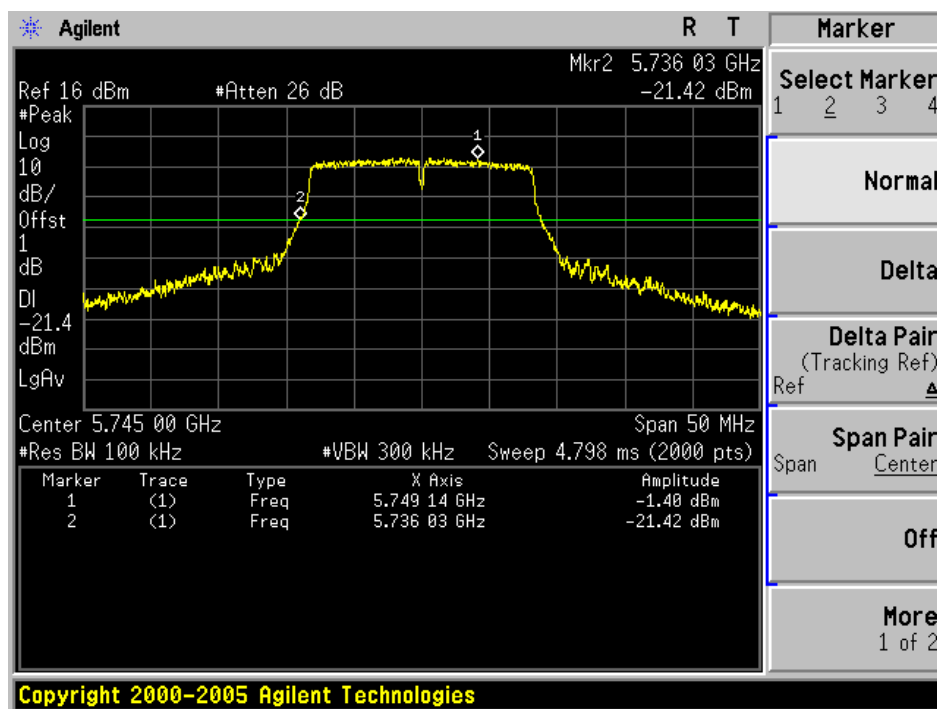


Channel 11 (2462MHz)

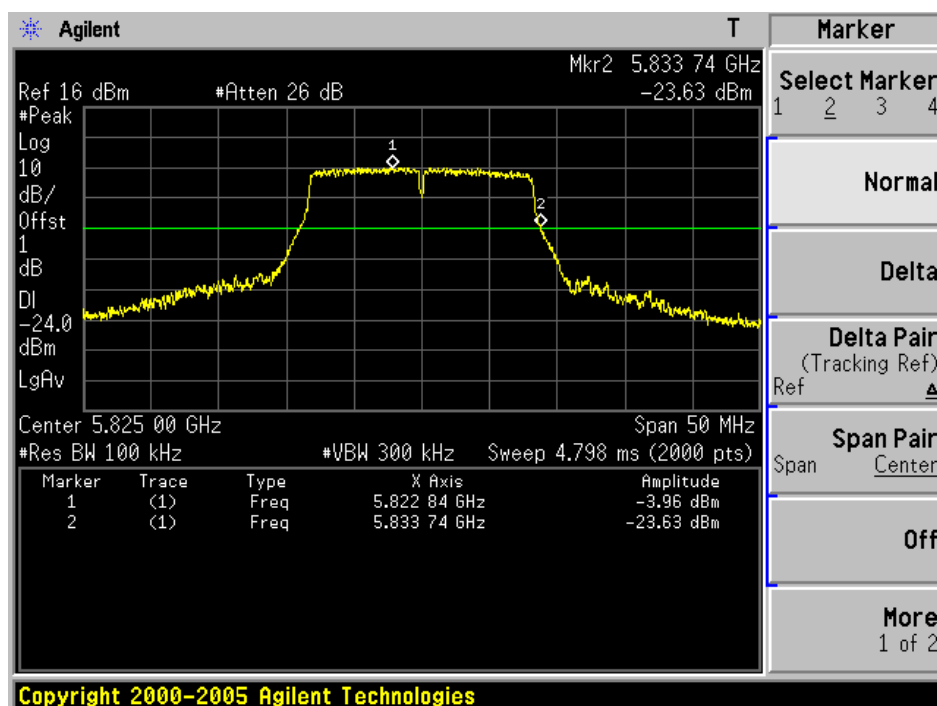


Product	:	Flip Share TV (Set Top Box)
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 1: Transmit by 802.11a (Chain 1)

Channel 149 (5745MHz)

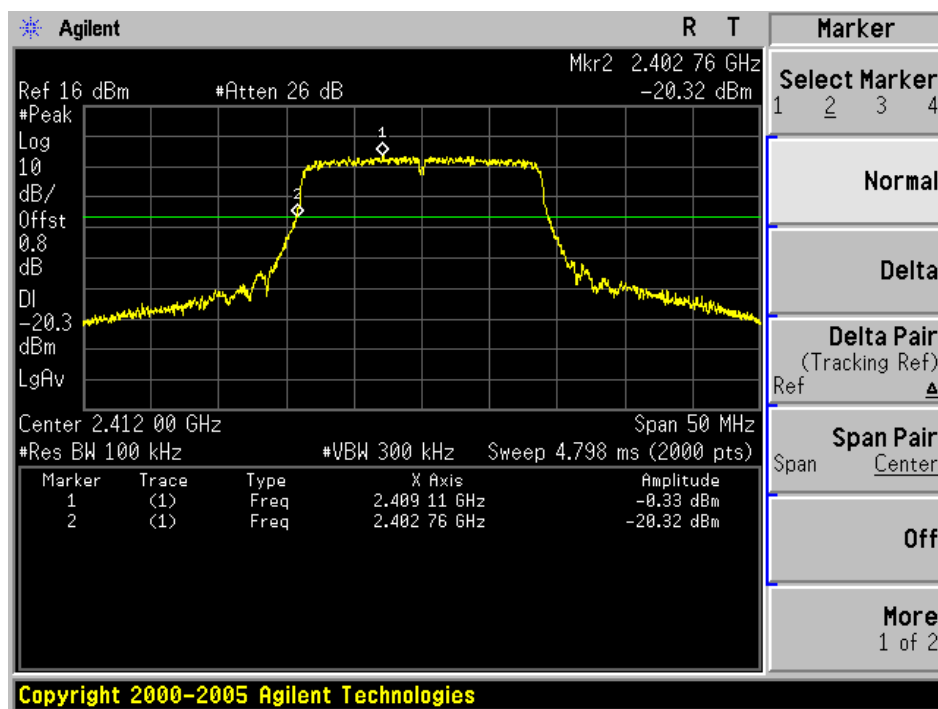


Channel 165 (5825MHz)

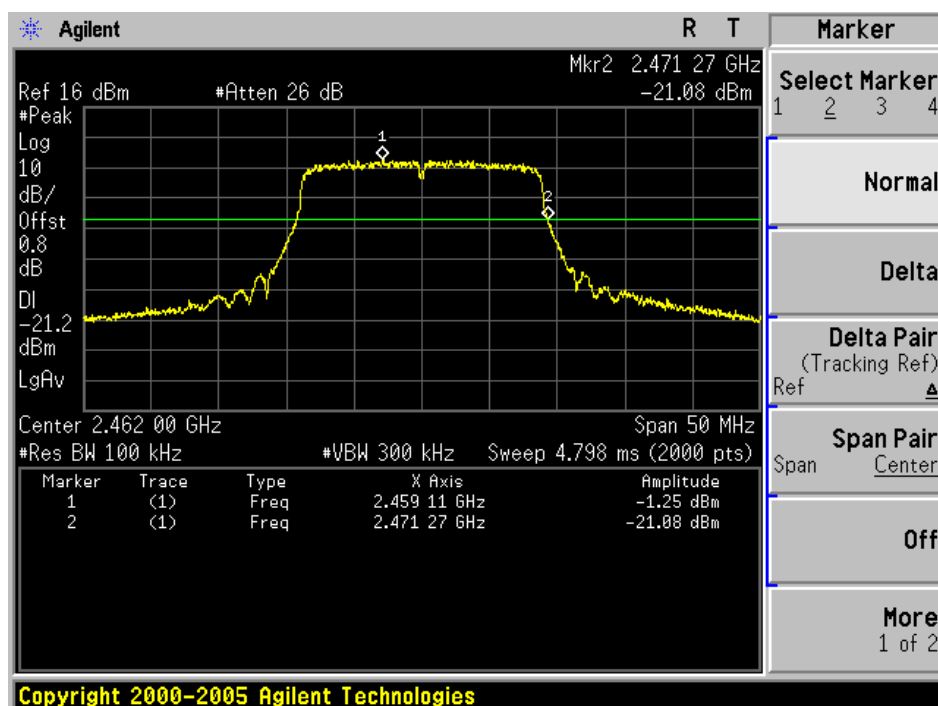


Product	:	Flip Share TV (Set Top Box)
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 4: Transmit by 802.11n (20MHz) (Chain 1)

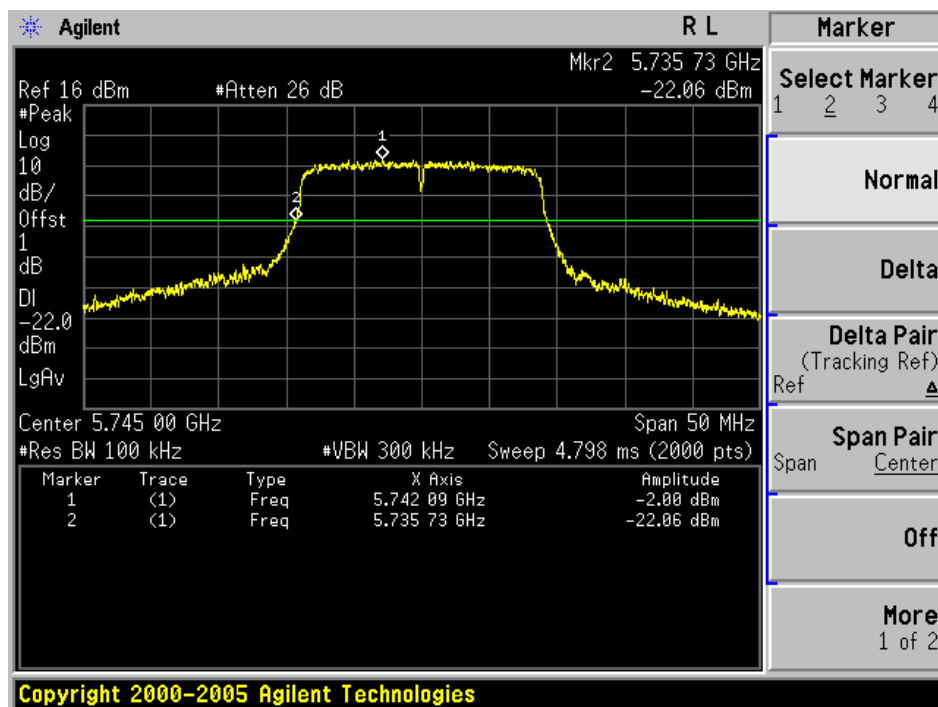
Channel 01 (2412MHz)



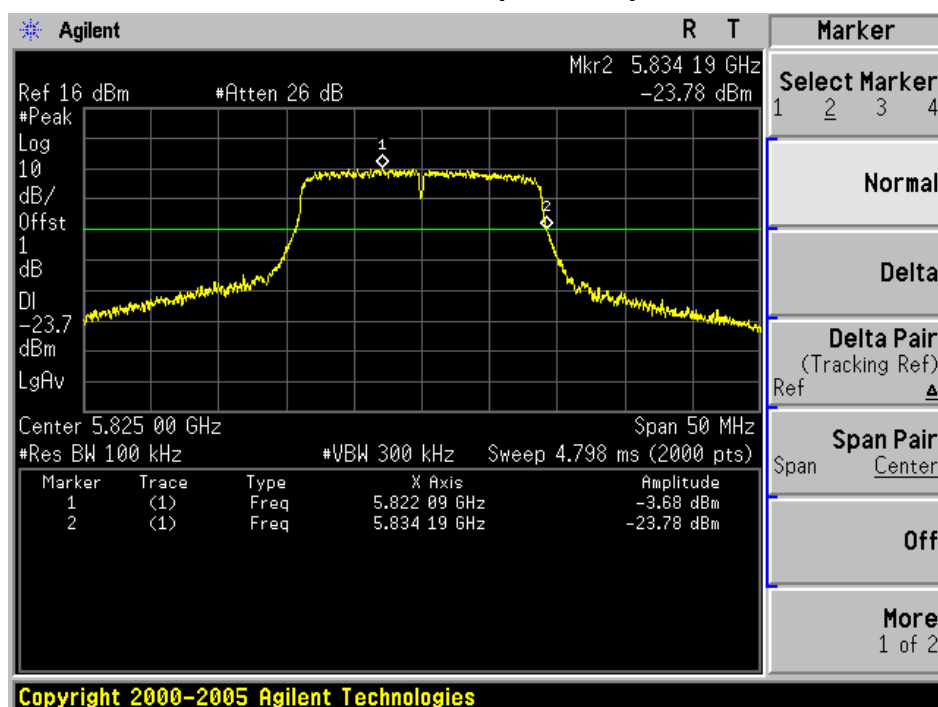
Channel 11 (2462MHz)



Channel 149 (5745MHz)

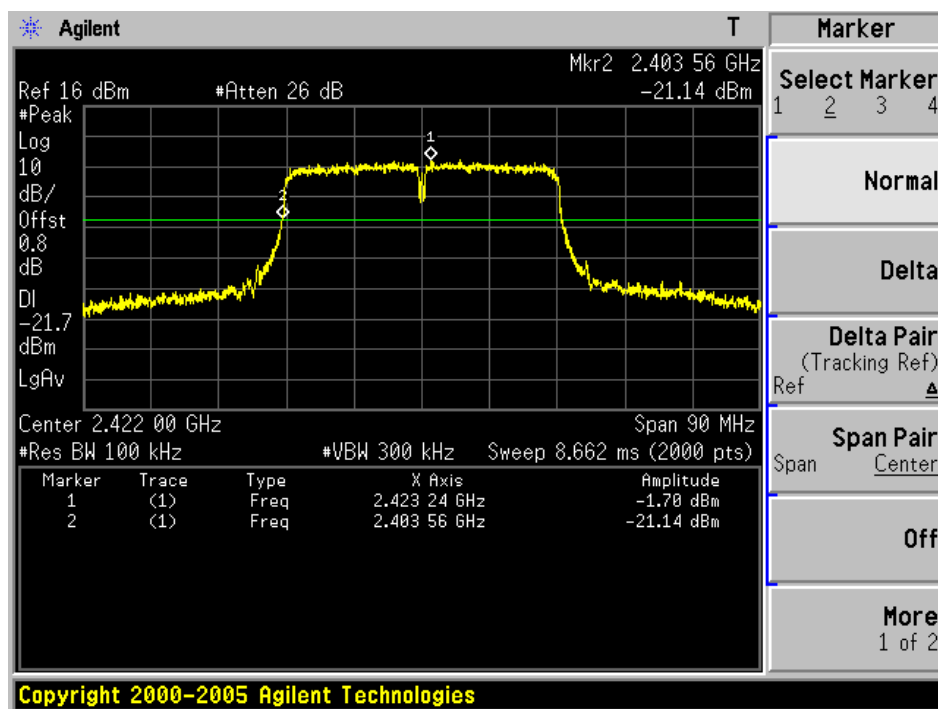


Channel 165 (5825MHz)

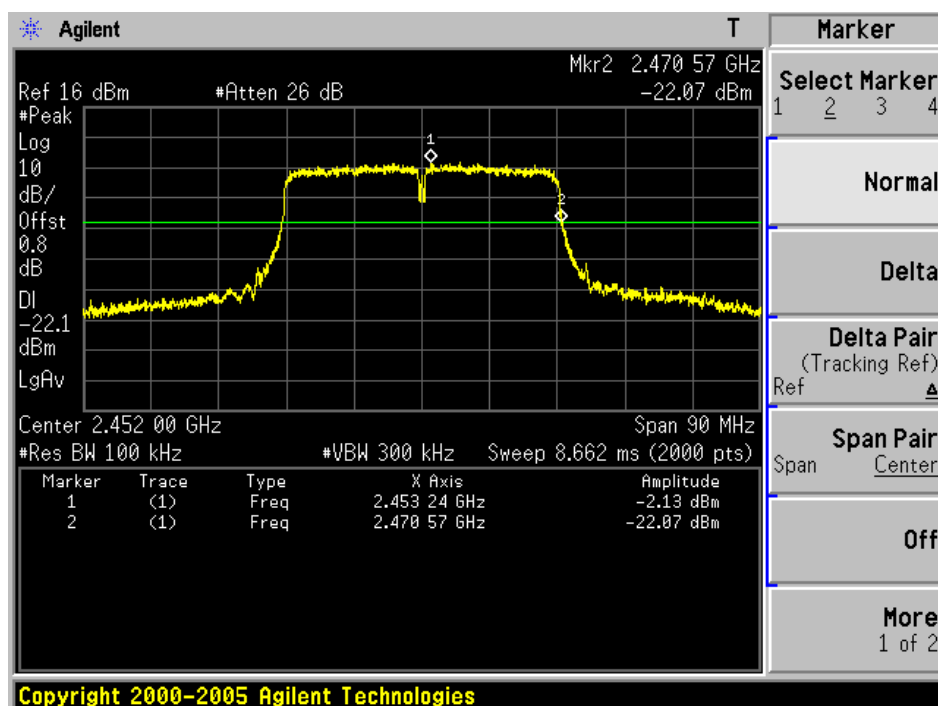


Product	:	Flip Share TV (Set Top Box)
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 5: Transmit by 802.11n (40MHz) (Chain 1)

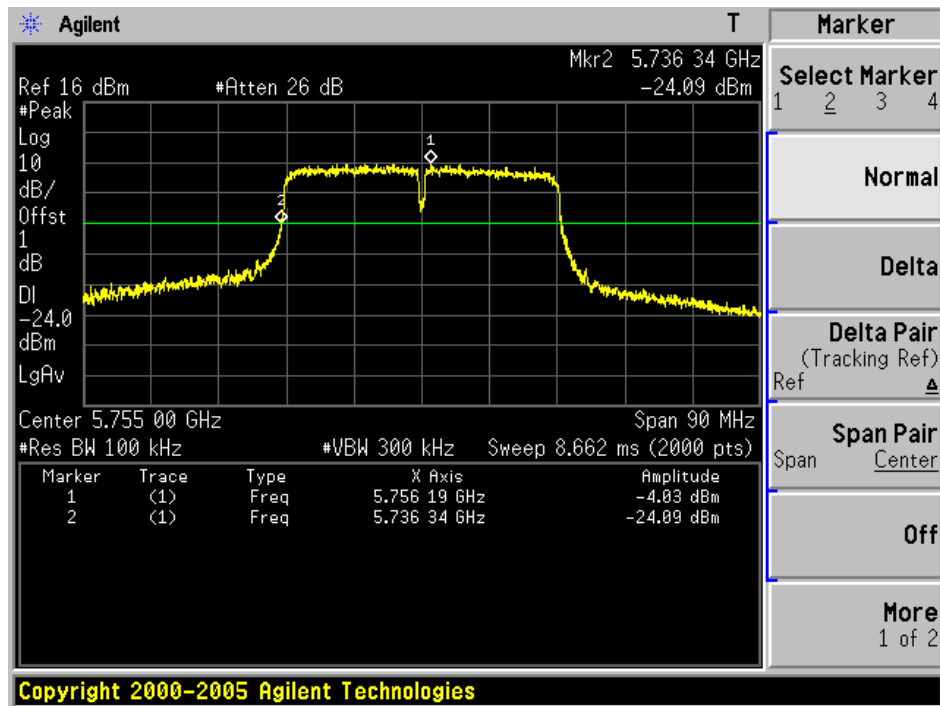
Channel 03 (2422MHz)



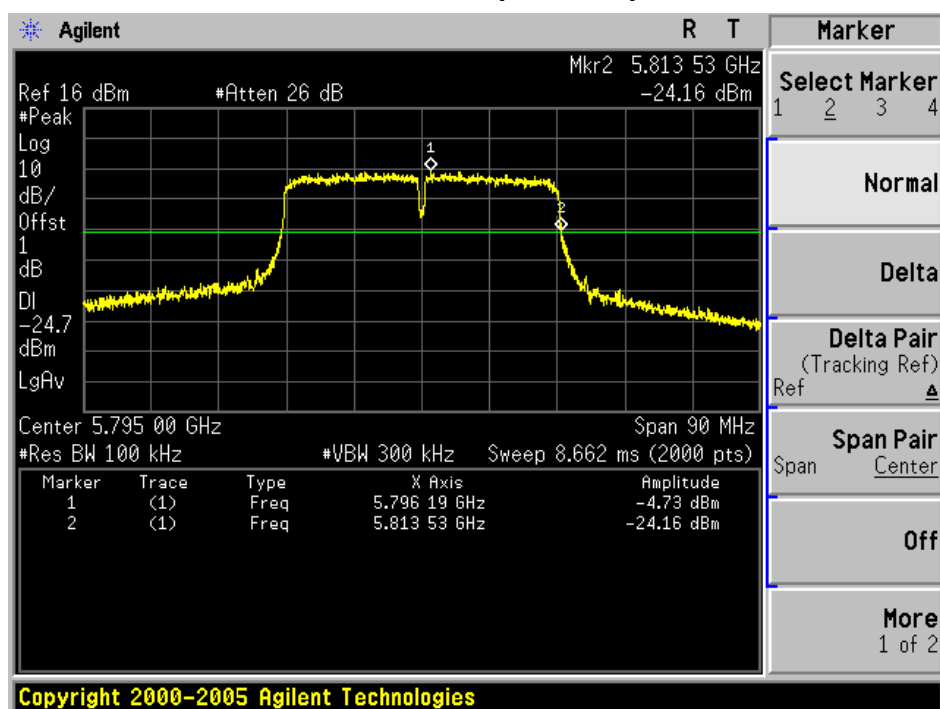
Channel 09 (2452MHz)



Channel 151 (5755MHz)



Channel 159 (5795MHz)



8. Occupied Bandwidth

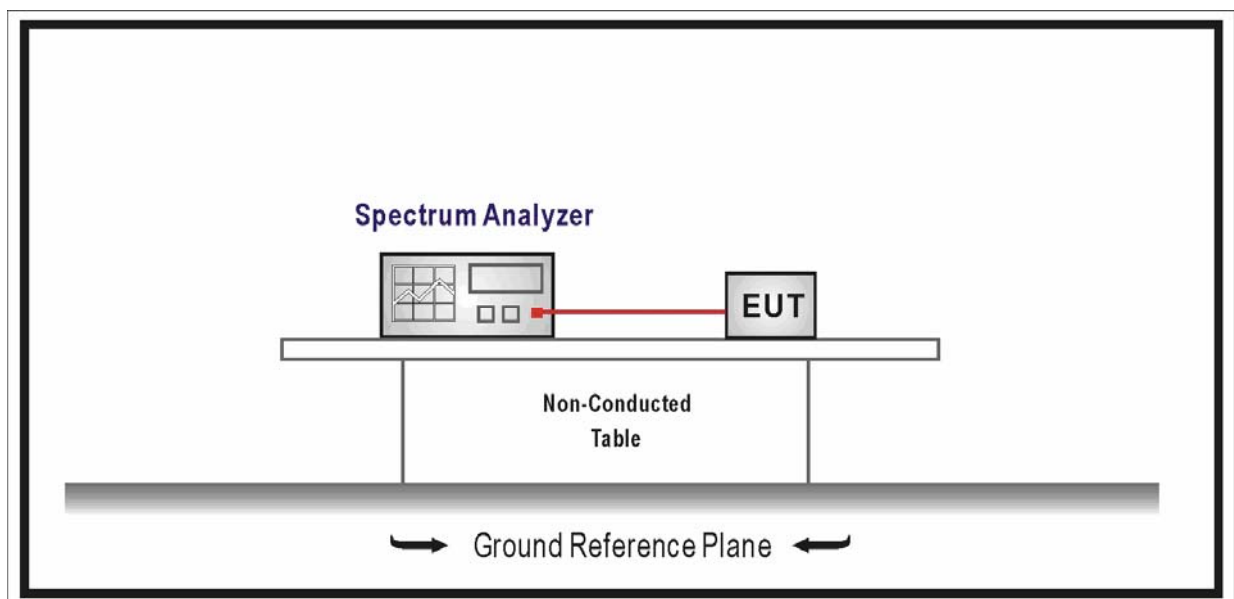
8.1. Test Equipment

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

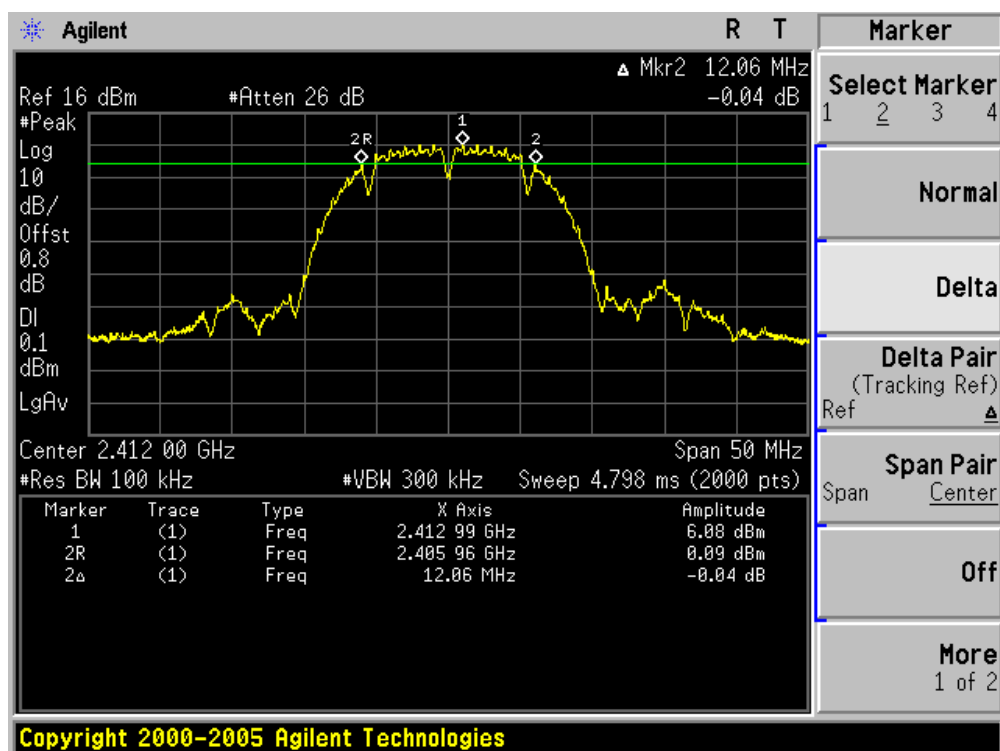
The measurement uncertainty is defined as ± 1 kHz

8.6. Test Result

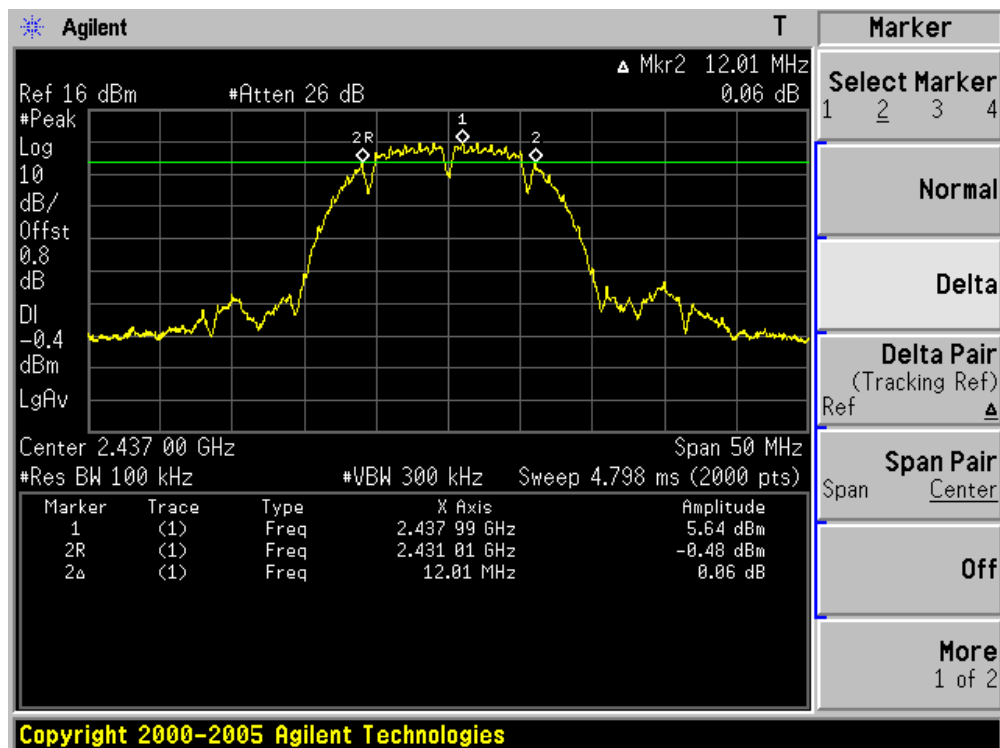
Product	:	Flip Share TV (Set Top Box)
Test Item	:	6dB Occupied Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 1: Transmit by 802.11b (Chain 0)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
01	2412	12060	500	Pass
06	2437	12010	500	Pass
11	2462	12010	500	Pass

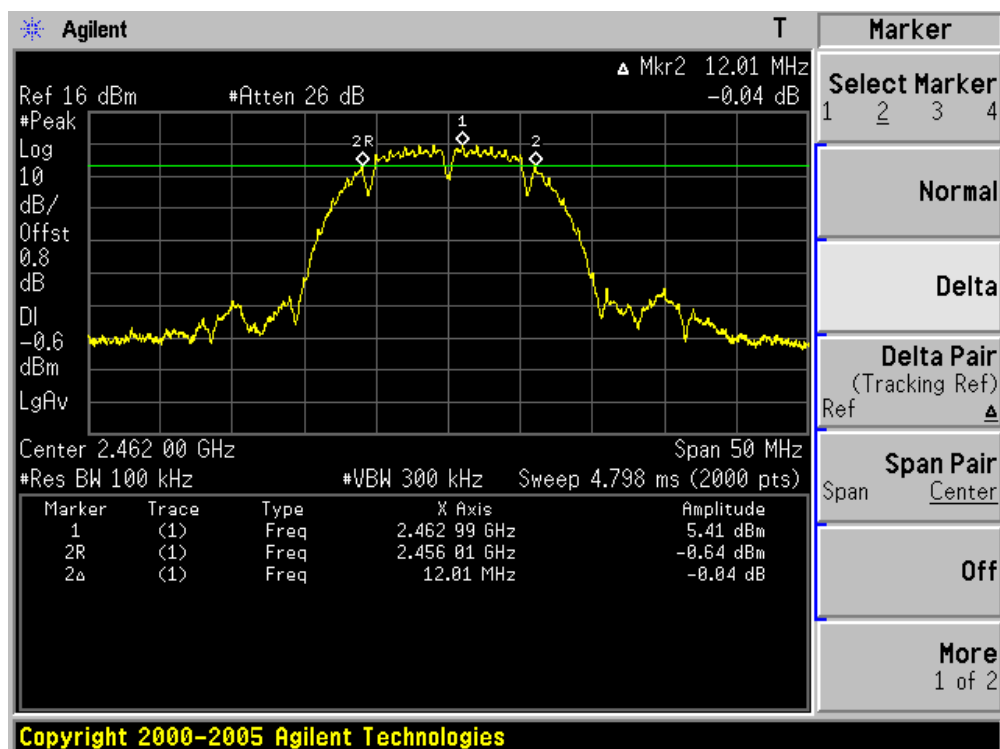
Channel 01 (2412MHz)



Channel 06 (2437MHz)



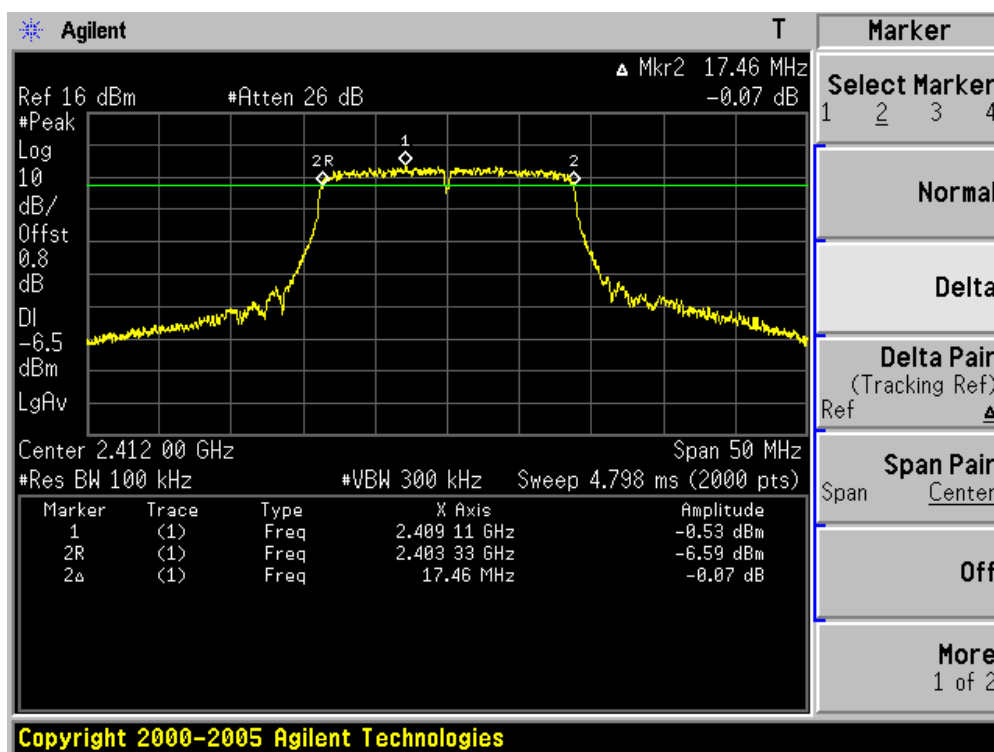
Channel 11 (2462MHz)



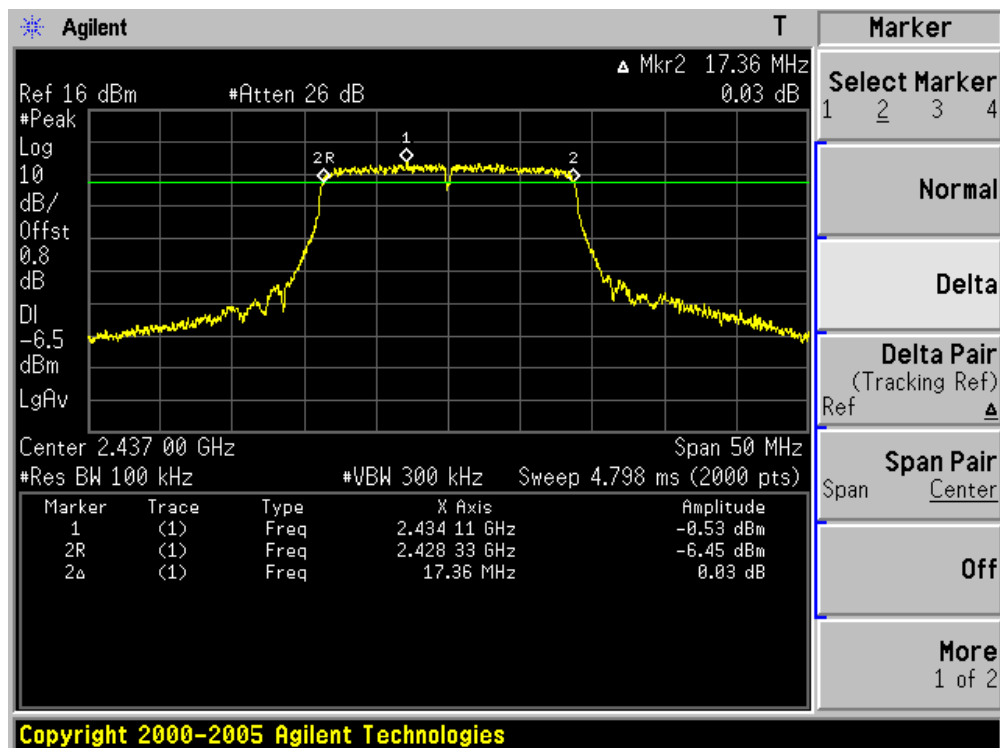
Product	:	Flip Share TV (Set Top Box)
Test Item	:	6dB Occupied Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 2: Transmit by 802.11g (Chain 0)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
01	2412	17460	500	Pass
06	2437	17360	500	Pass
11	2462	17330	500	Pass

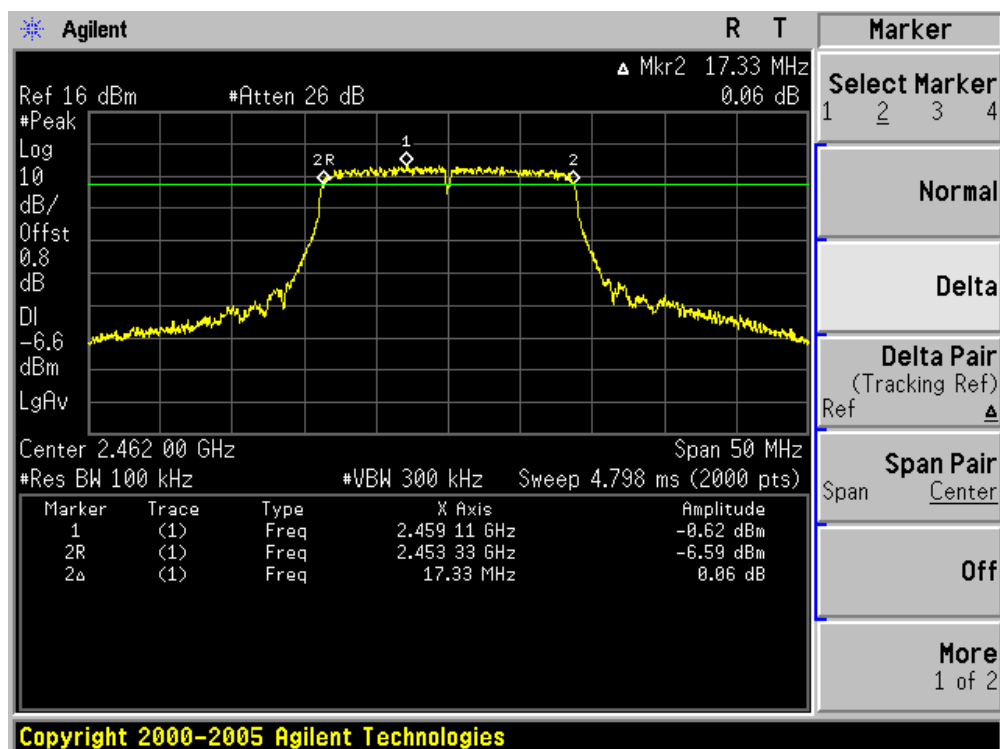
Channel 01 (2412MHz)



Channel 06 (2437MHz)



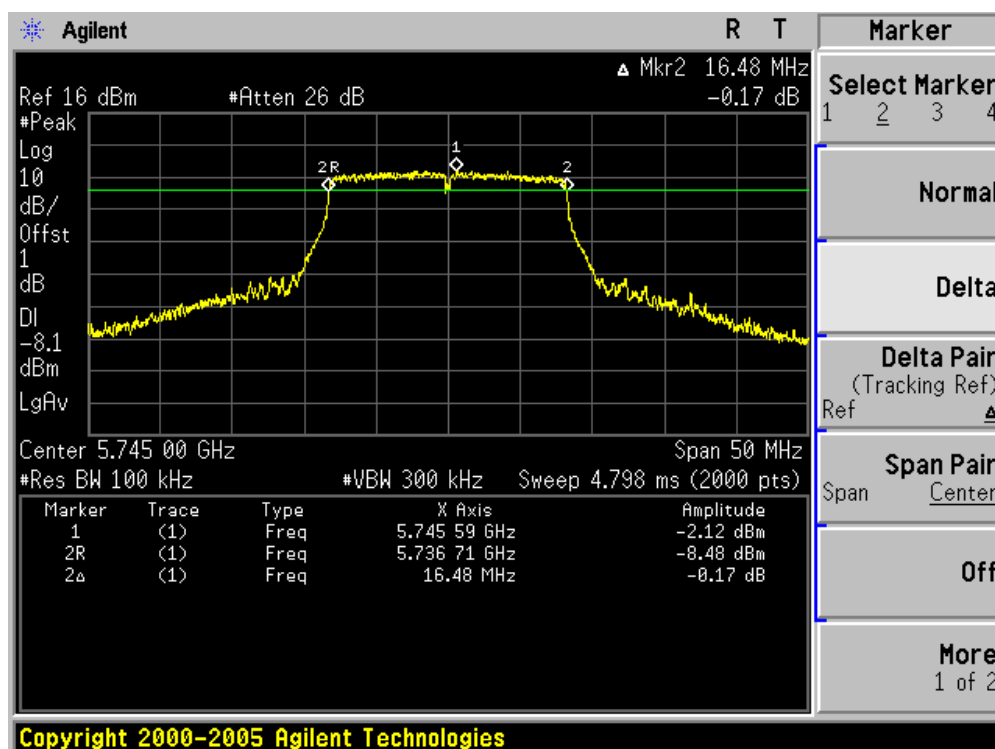
Channel 11 (2462MHz)



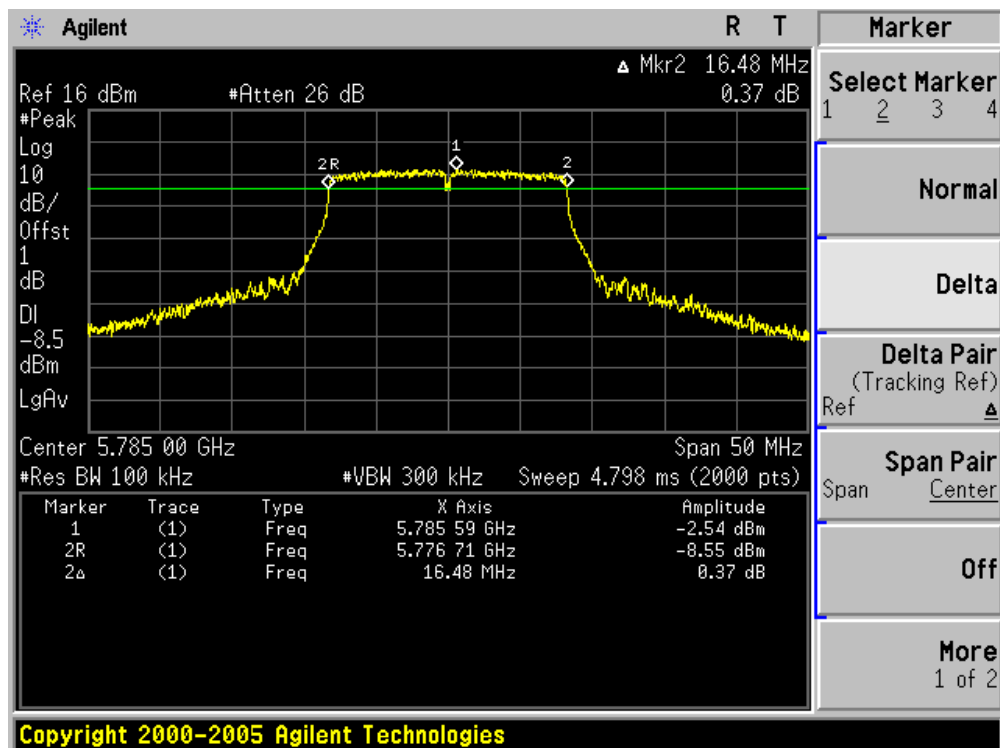
Product	:	Flip Share TV (Set Top Box)
Test Item	:	6dB Occupied Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 3: Transmit by 802.11a (Chain 0)

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

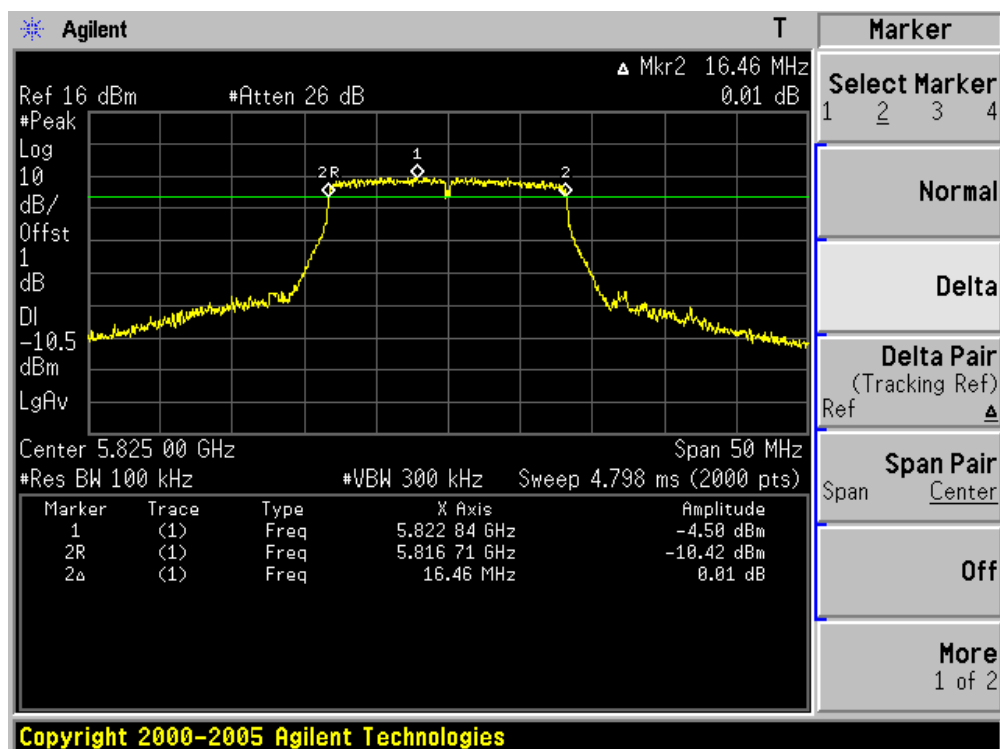
Channel 149 (5745MHz)



Channel 157 (5785MHz)



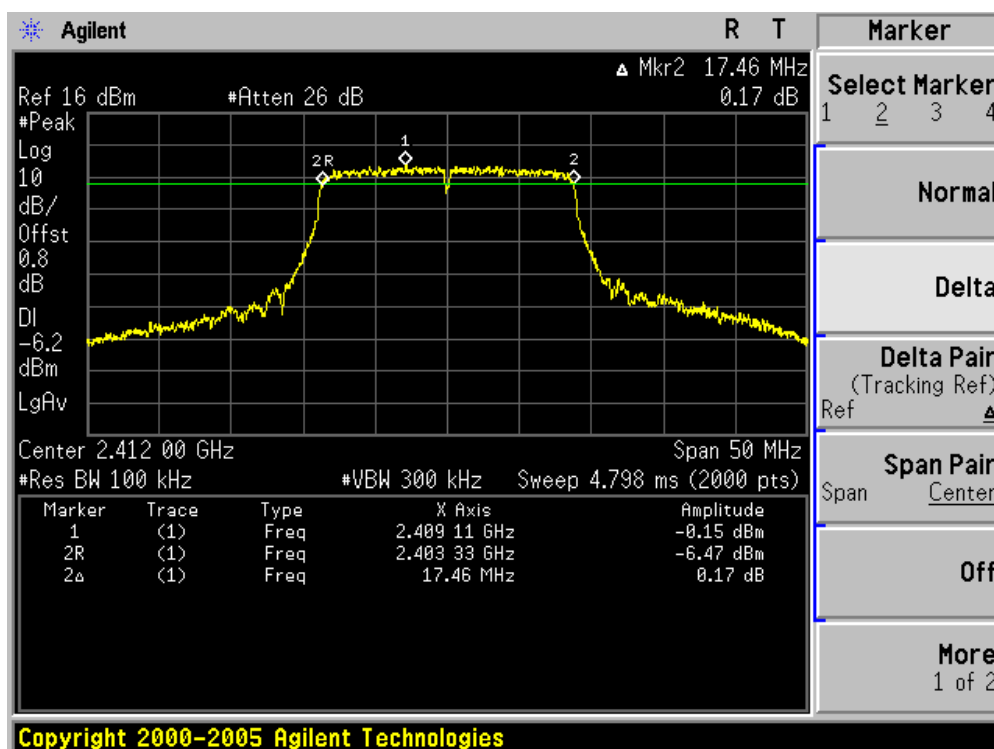
Channel 165 (5825MHz)



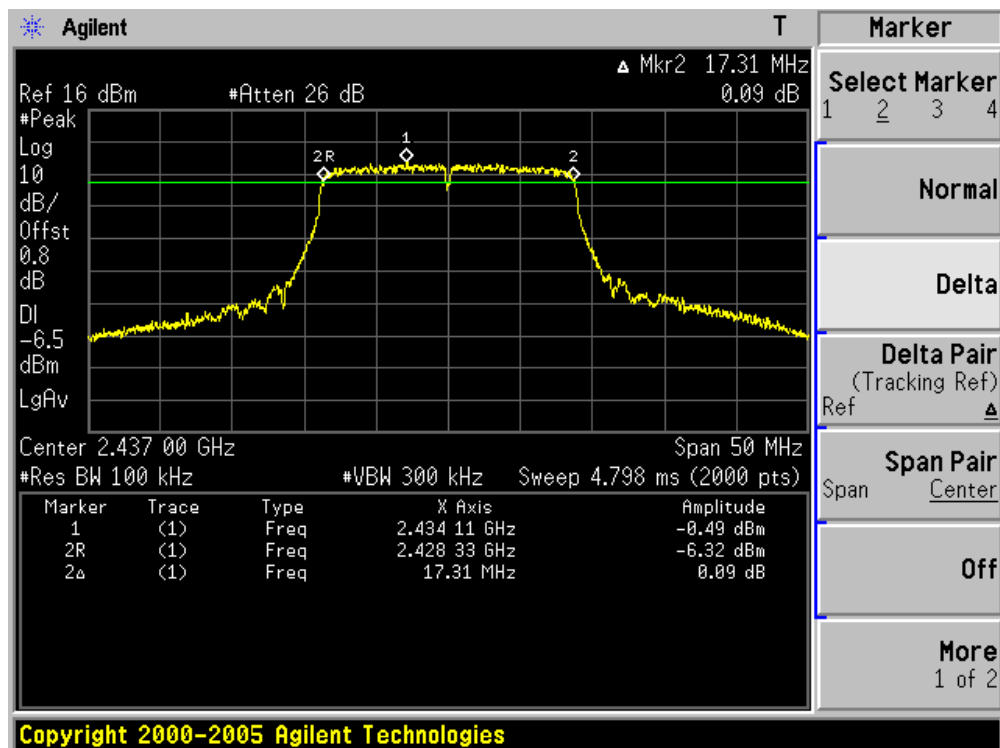
Product	:	Flip Share TV (Set Top Box)
Test Item	:	6dB Occupied Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 4: Transmit by 802.11n (20MHz) (Chain 0)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
01	2412	17460	500	Pass
06	2437	17310	500	Pass
11	2462	17310	500	Pass
149	5745	17380	500	Pass
157	5785	17460	500	Pass
165	5825	17410	500	Pass

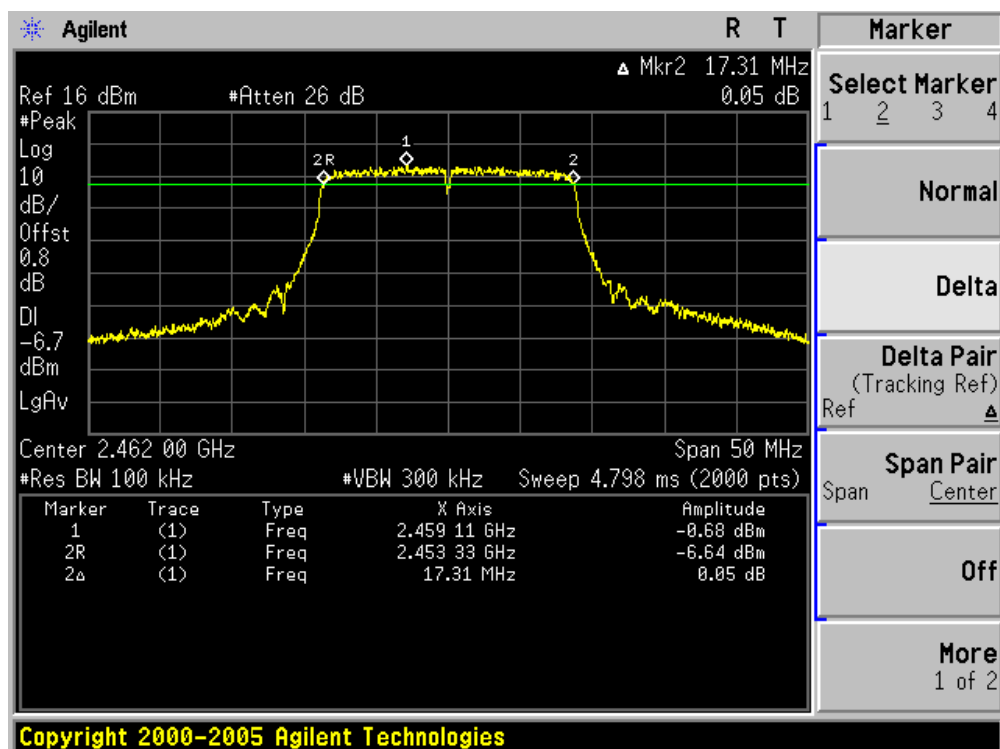
Channel 01 (2412MHz)



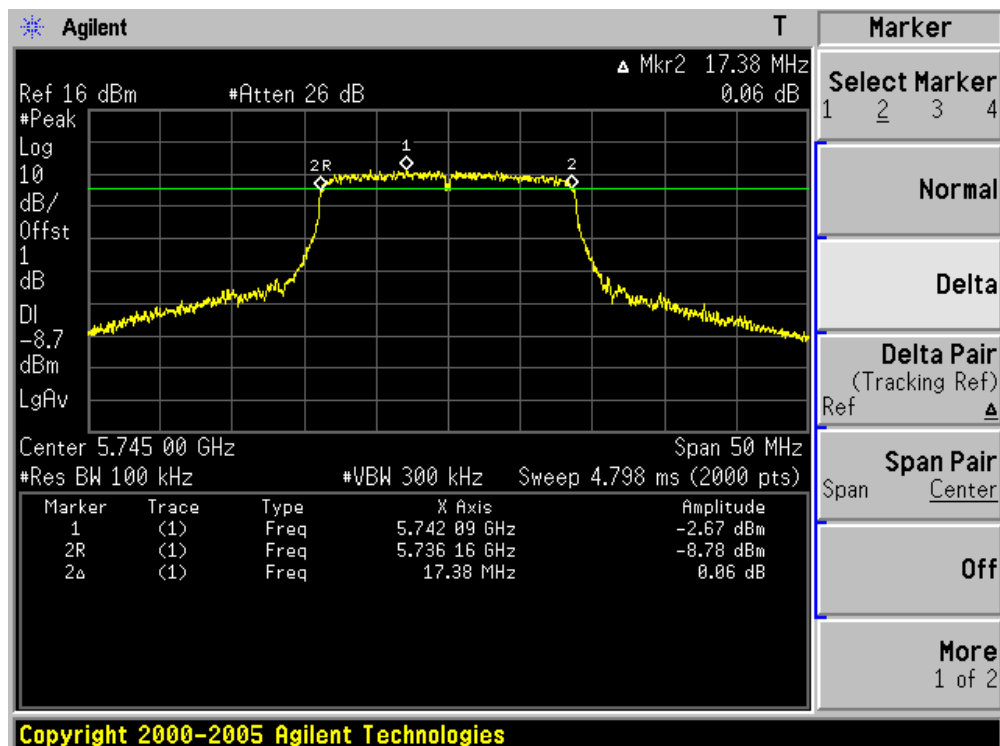
Channel 06 (2437MHz)



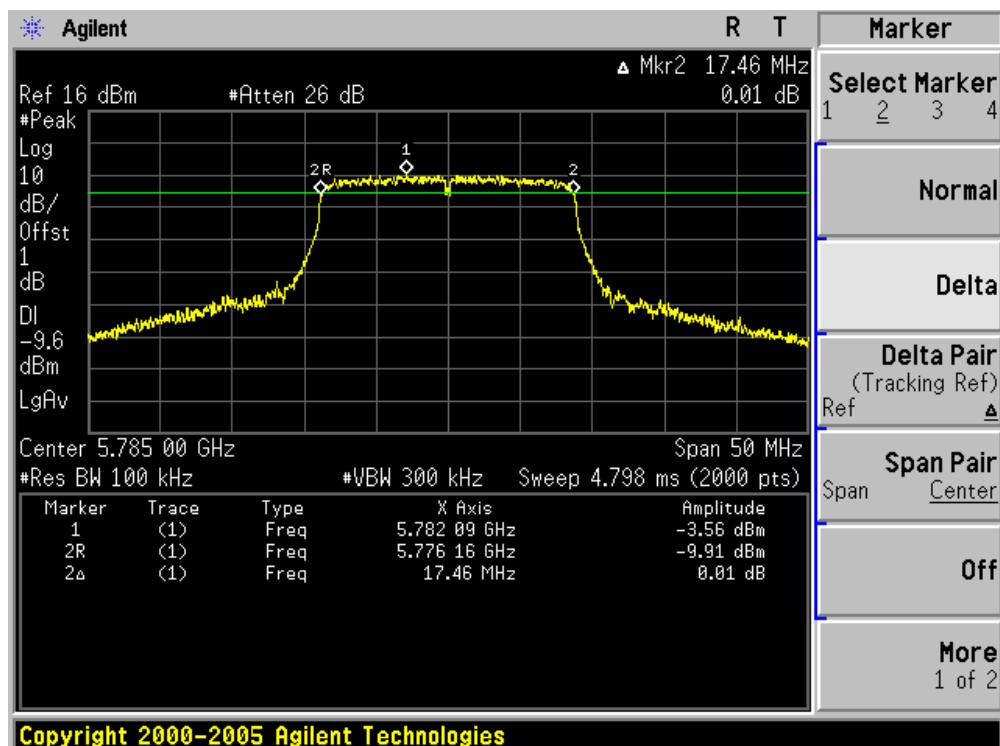
Channel 11 (2462MHz)



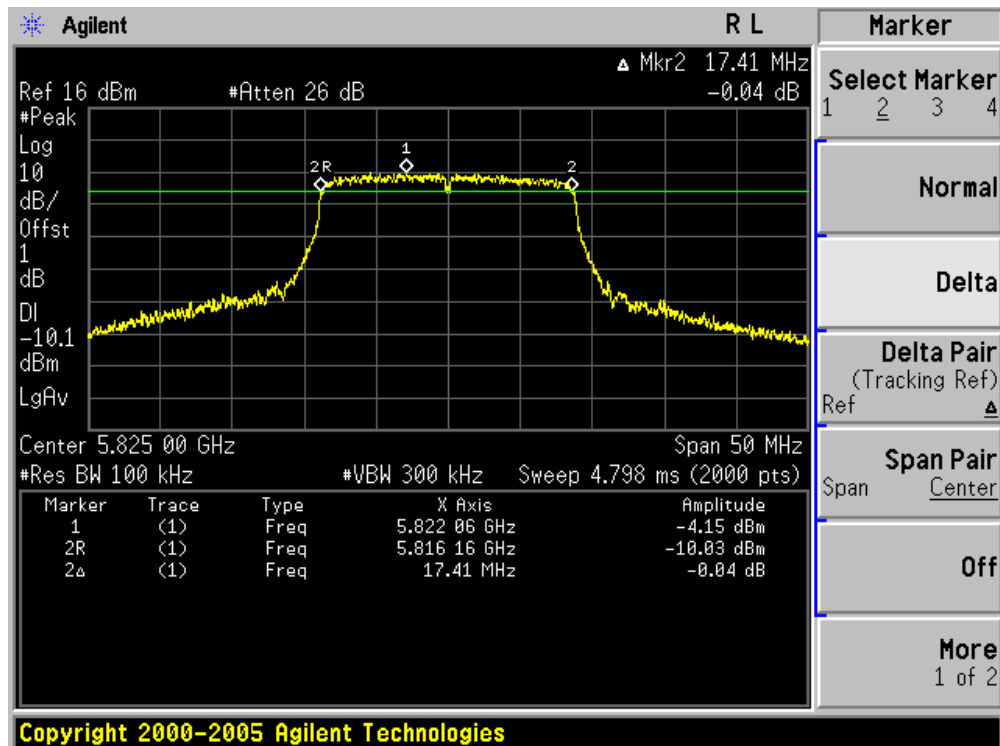
Channel 149 (5745MHz)



Channel 157 (5785MHz)



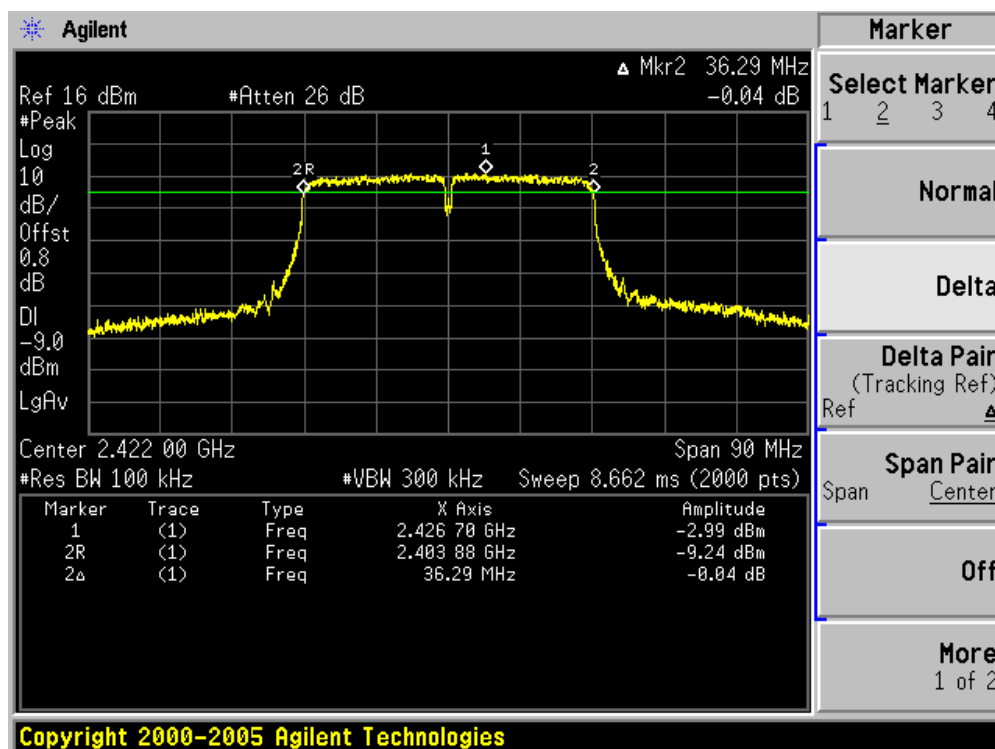
Channel 165 (5825MHz)



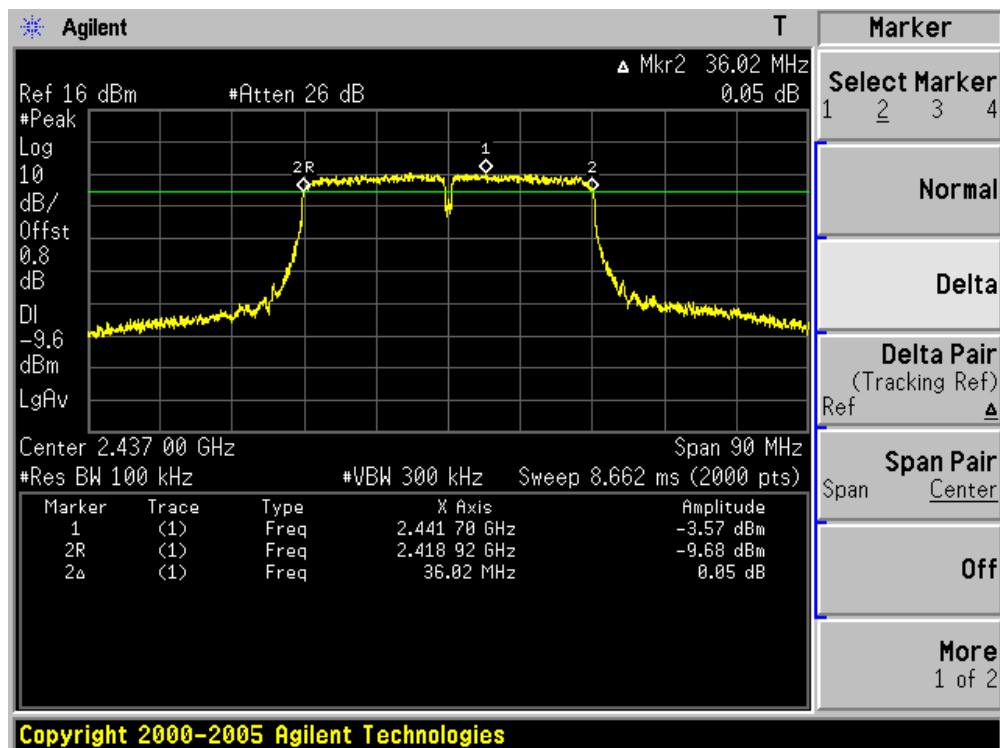
Product	:	Flip Share TV (Set Top Box)
Test Item	:	6dB Occupied Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 5: Transmit by 802.11n (40MHz) (Chain 0)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
03	2422	36290	500	Pass
06	2437	36020	500	Pass
09	2452	36060	500	Pass
151	5755	35660	500	Pass
159	5795	35970	500	Pass

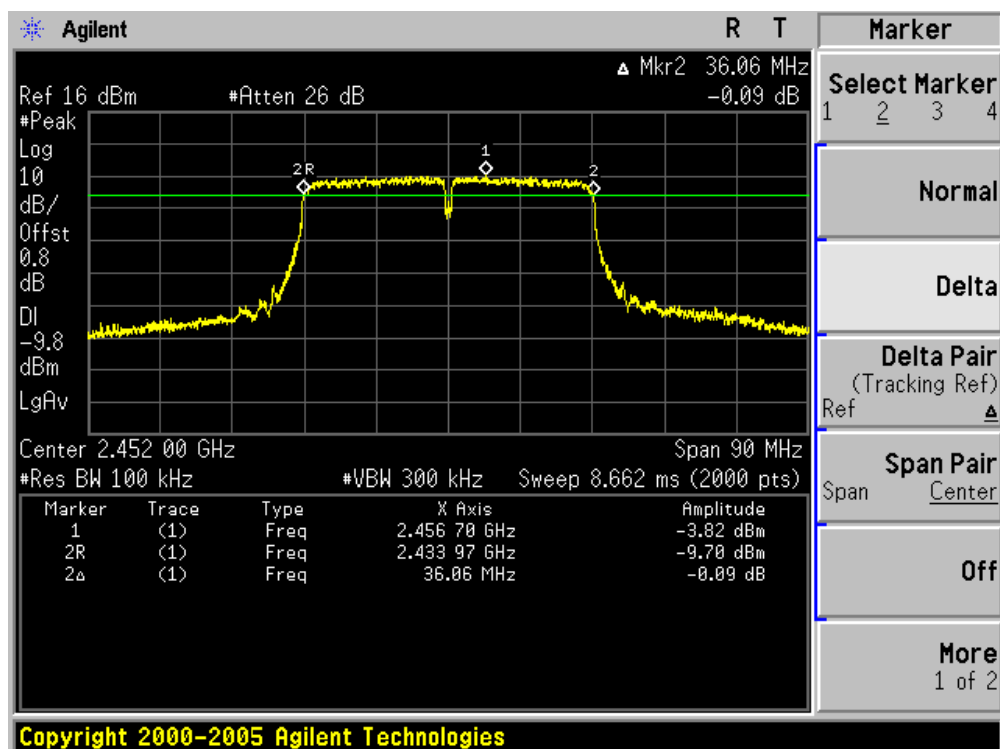
Channel 03 (2422MHz)



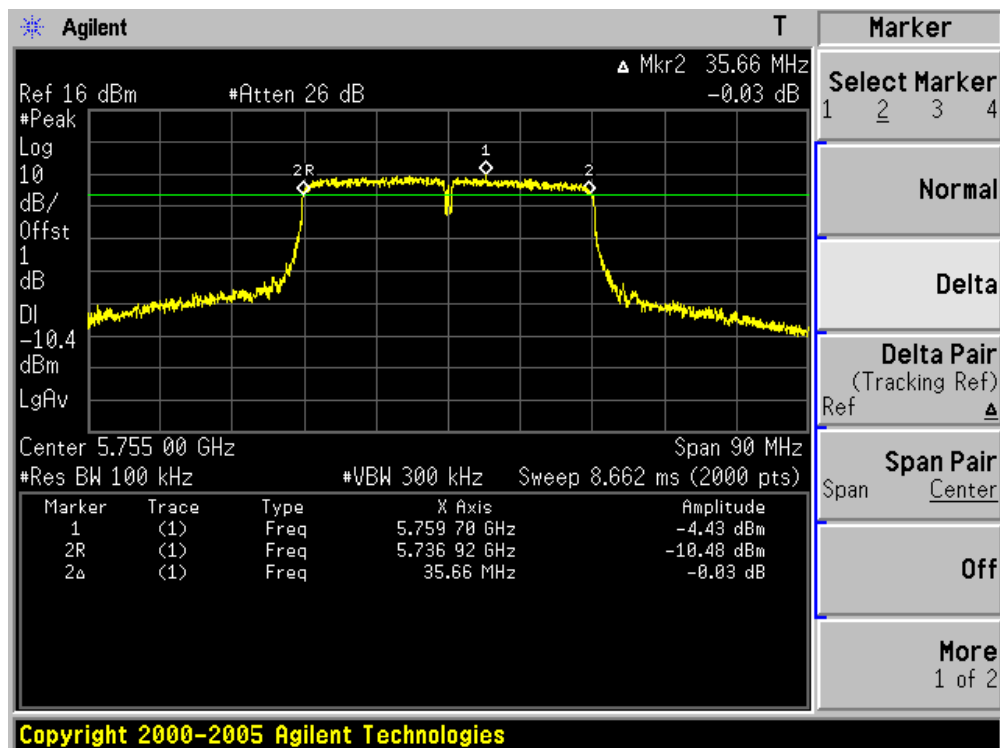
Channel 06 (2437MHz)



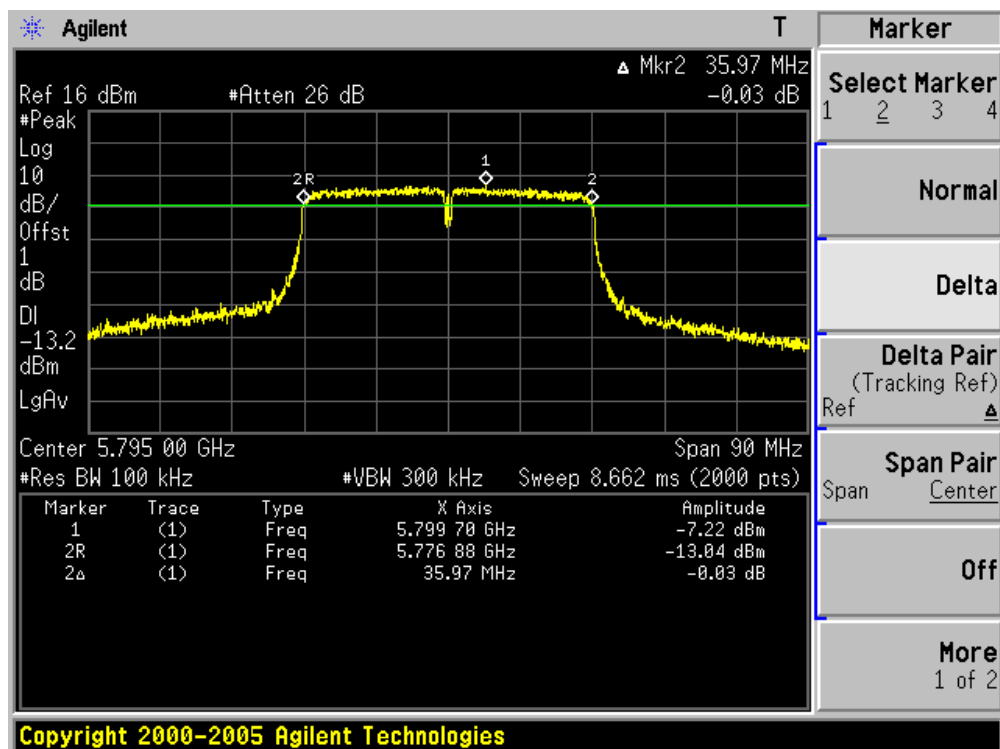
Channel 09 (2452MHz)



Channel 151 (5755MHz)



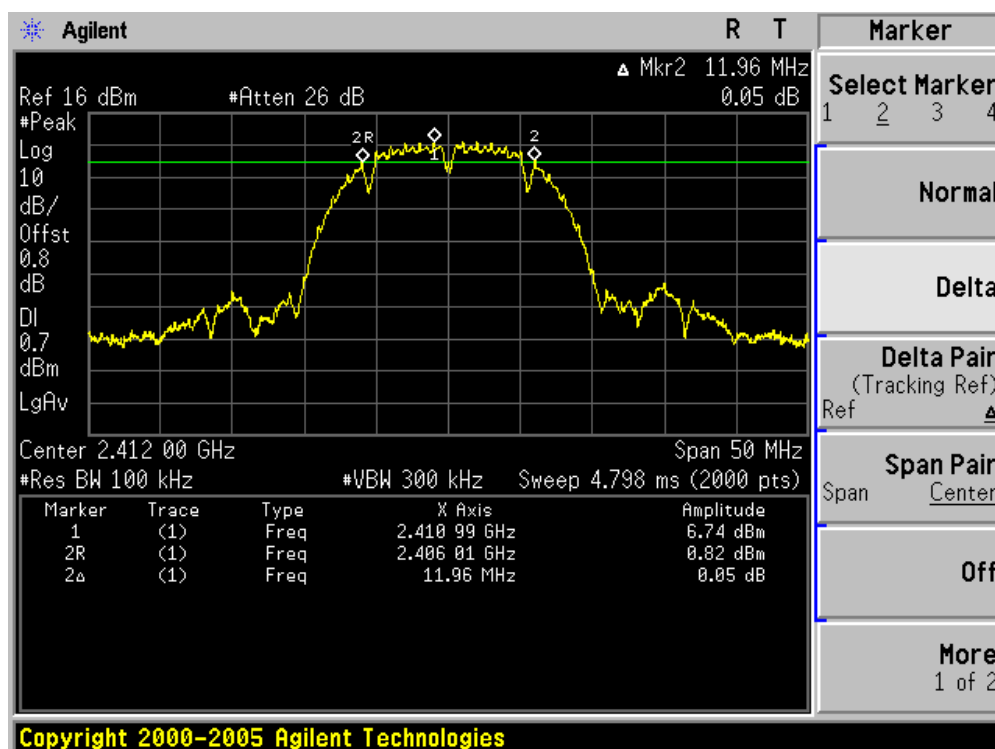
Channel 159 (5795MHz)



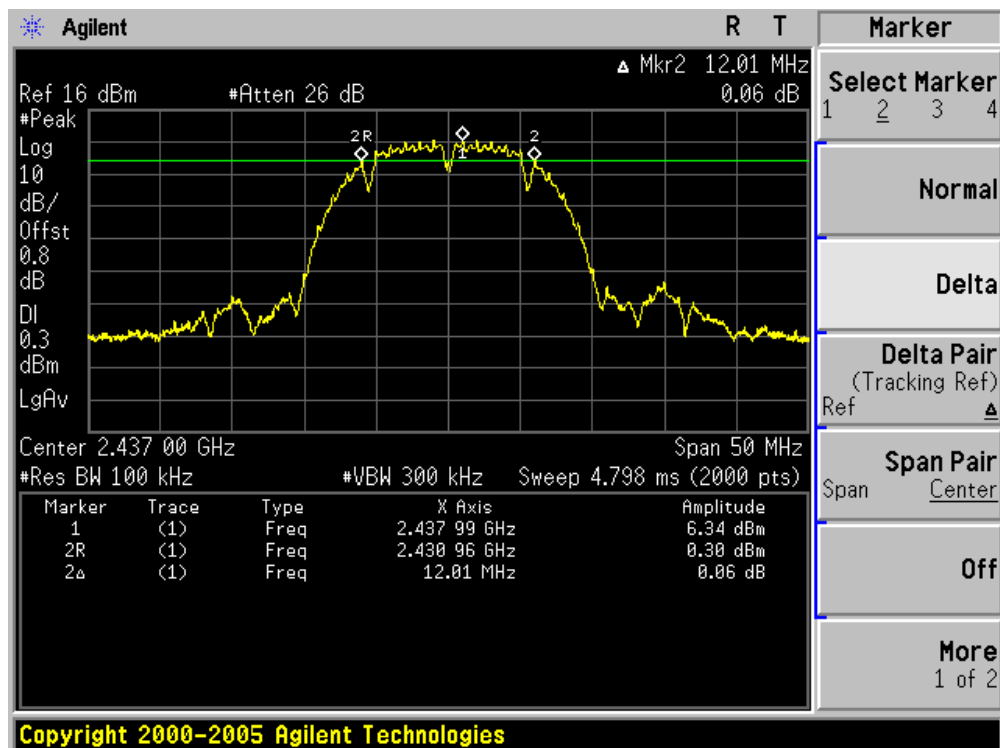
Product	:	Flip Share TV (Set Top Box)
Test Item	:	6dB Occupied Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 1: Transmit by 802.11b (Chain 1)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
01	2412	11960	500	Pass
06	2437	12010	500	Pass
11	2462	12030	500	Pass

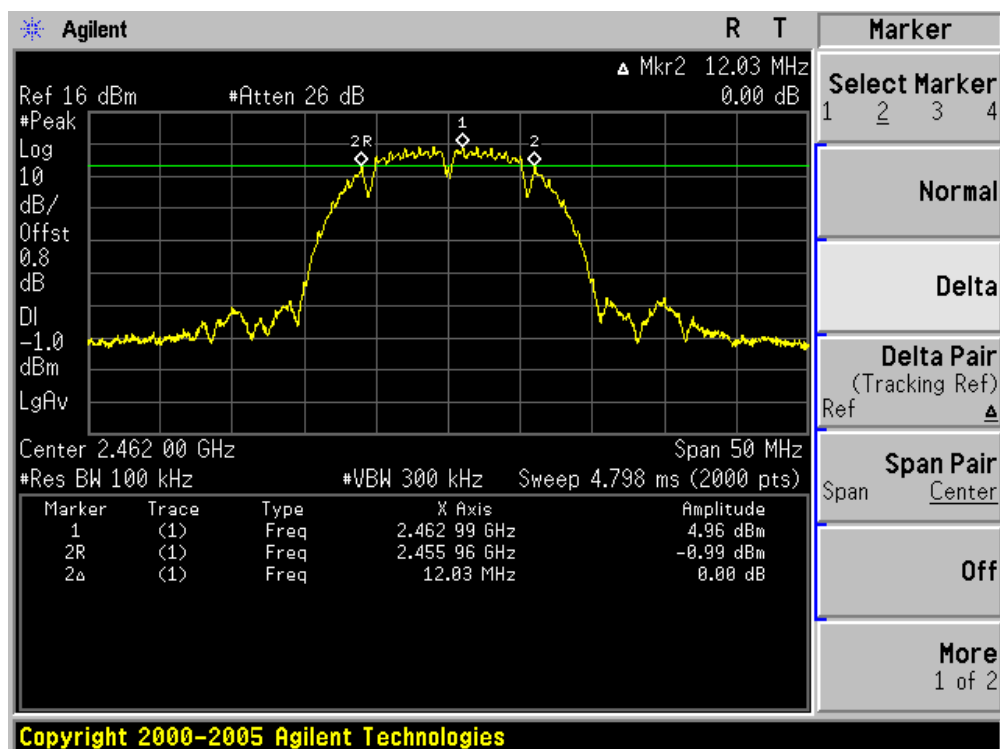
Channel 01 (2412MHz)



Channel 06 (2437MHz)



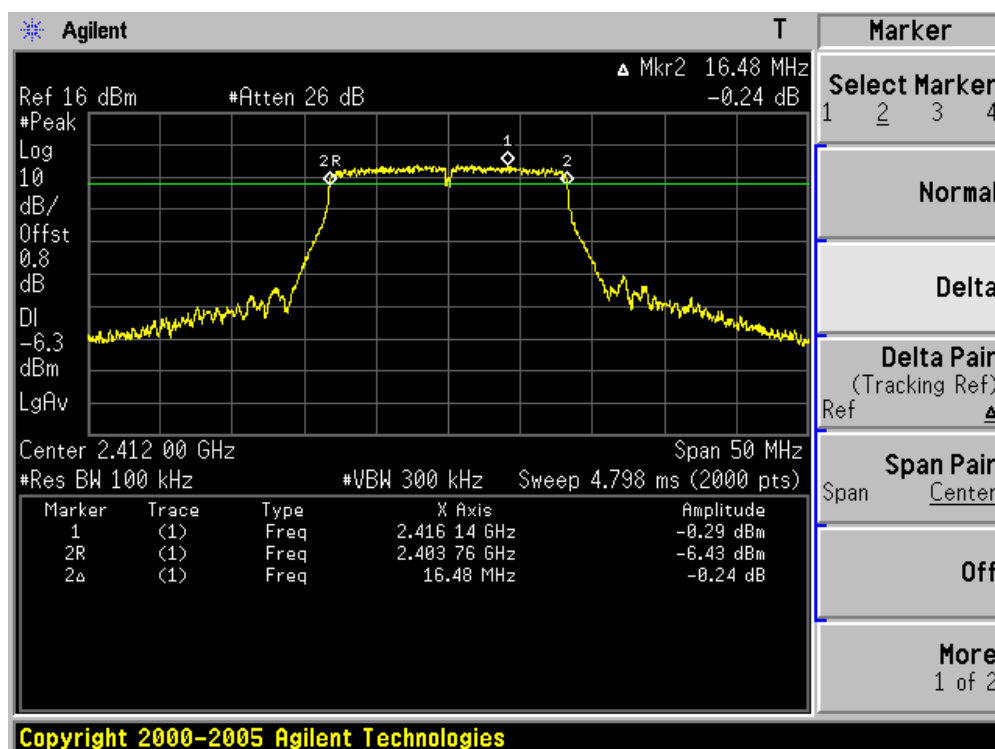
Channel 11 (2462MHz)



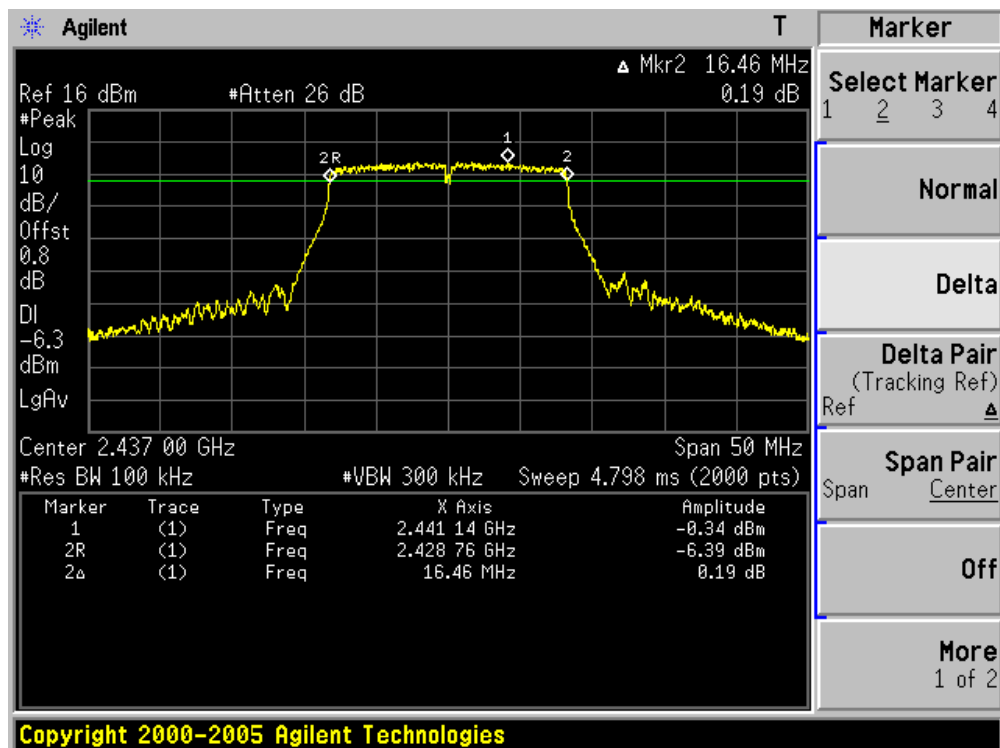
Product	:	Flip Share TV (Set Top Box)
Test Item	:	6dB Occupied Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 2: Transmit by 802.11g (Chain 1)

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

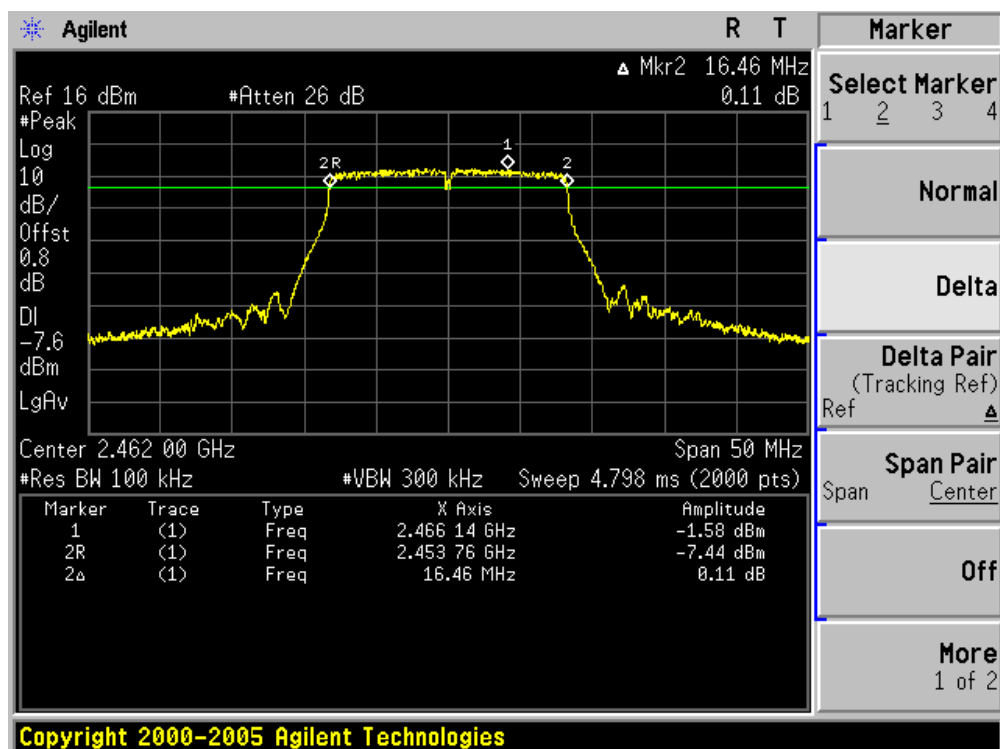
Channel 01 (2412MHz)



Channel 06 (2437MHz)



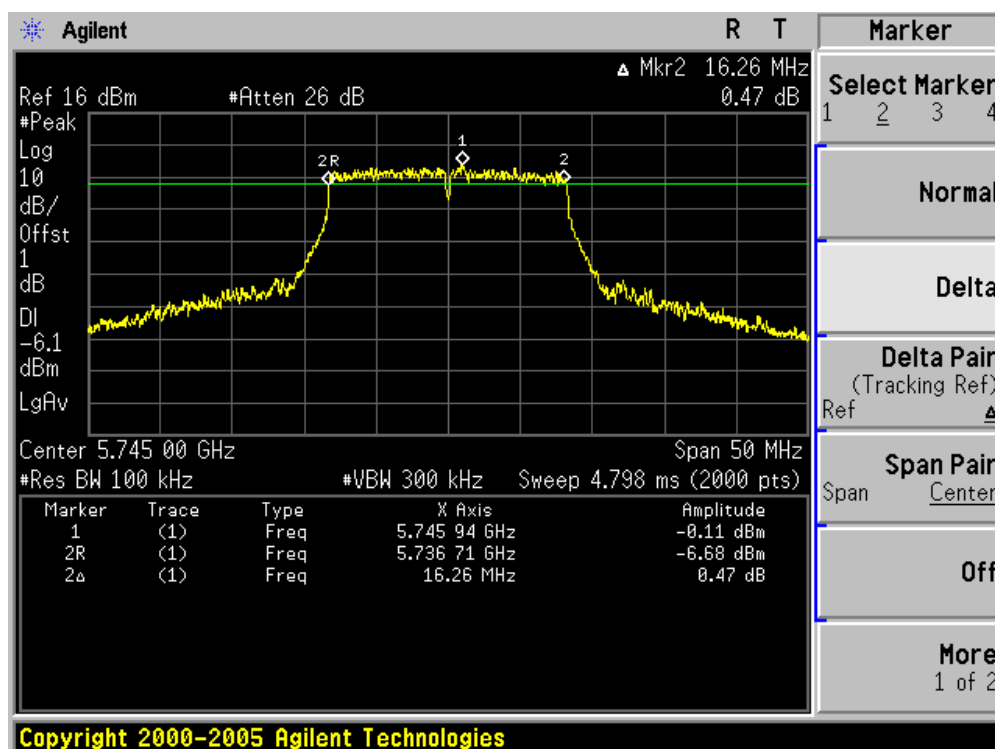
Channel 11 (2462MHz)



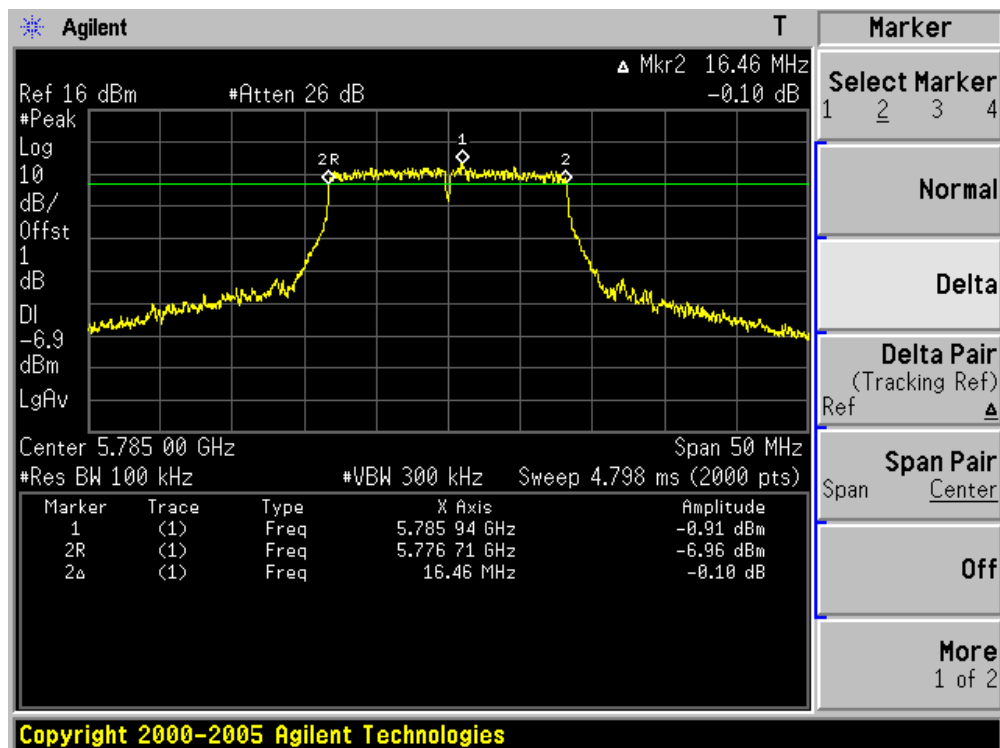
Product	:	Flip Share TV (Set Top Box)
Test Item	:	6dB Occupied Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 3: Transmit by 802.11a (Chain 1)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
149	5745	16260	500	Pass
157	5785	16460	500	Pass
165	5825	16180	500	Pass

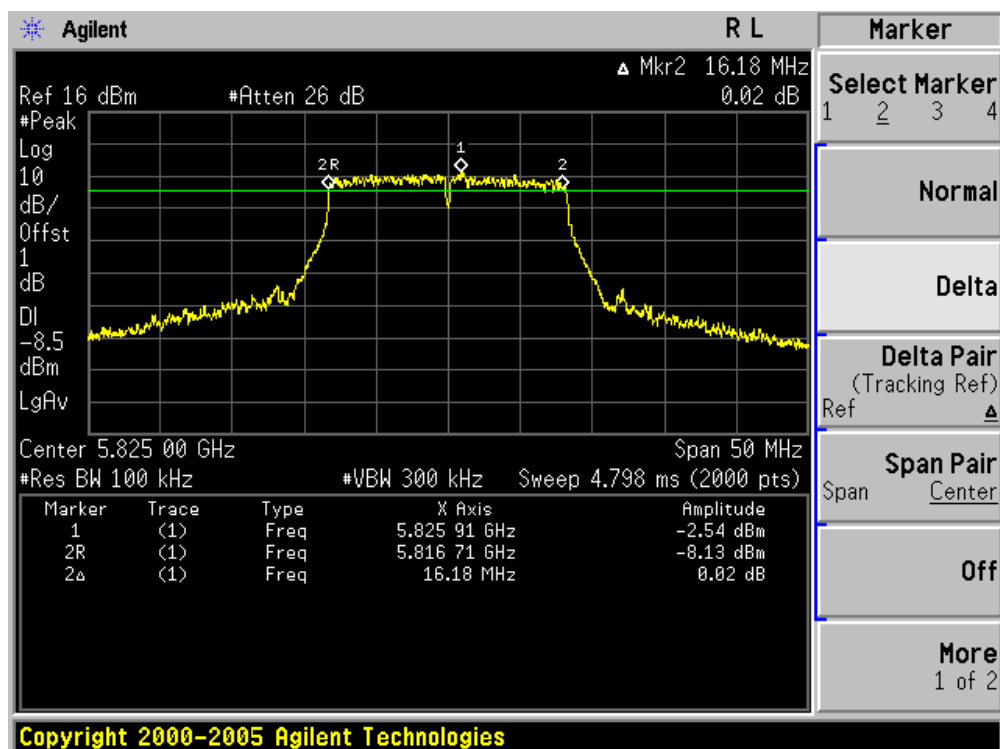
Channel 149 (5745MHz)



Channel 157 (5785MHz)



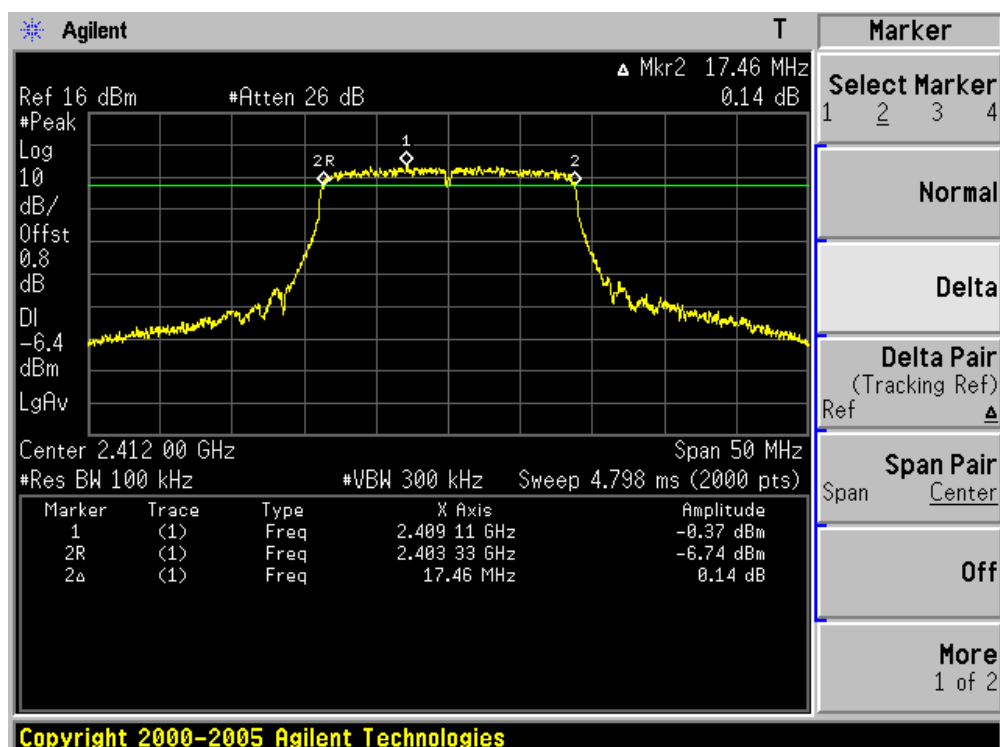
Channel 165 (5825MHz)



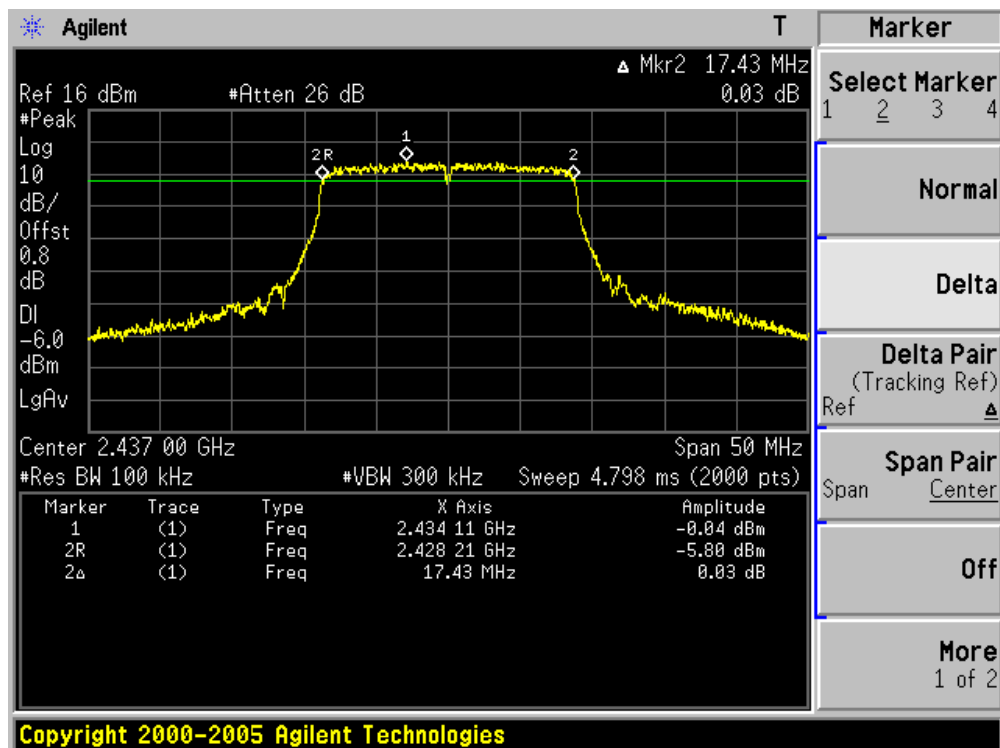
Product	:	Flip Share TV (Set Top Box)
Test Item	:	6dB Occupied Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 4: Transmit by 802.11n (20MHz) (Chain 1)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
01	2412	17460	500	Pass
06	2437	17430	500	Pass
11	2462	17330	500	Pass
149	5745	17330	500	Pass
157	5785	17430	500	Pass
165	5825	17410	500	Pass

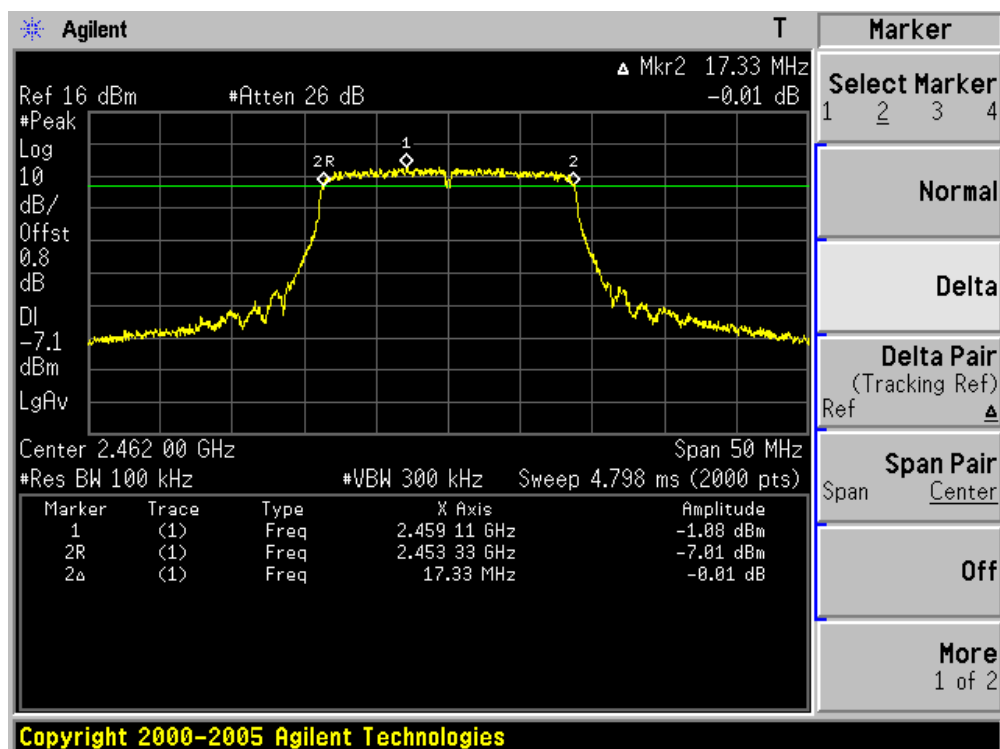
Channel 01 (2412MHz)



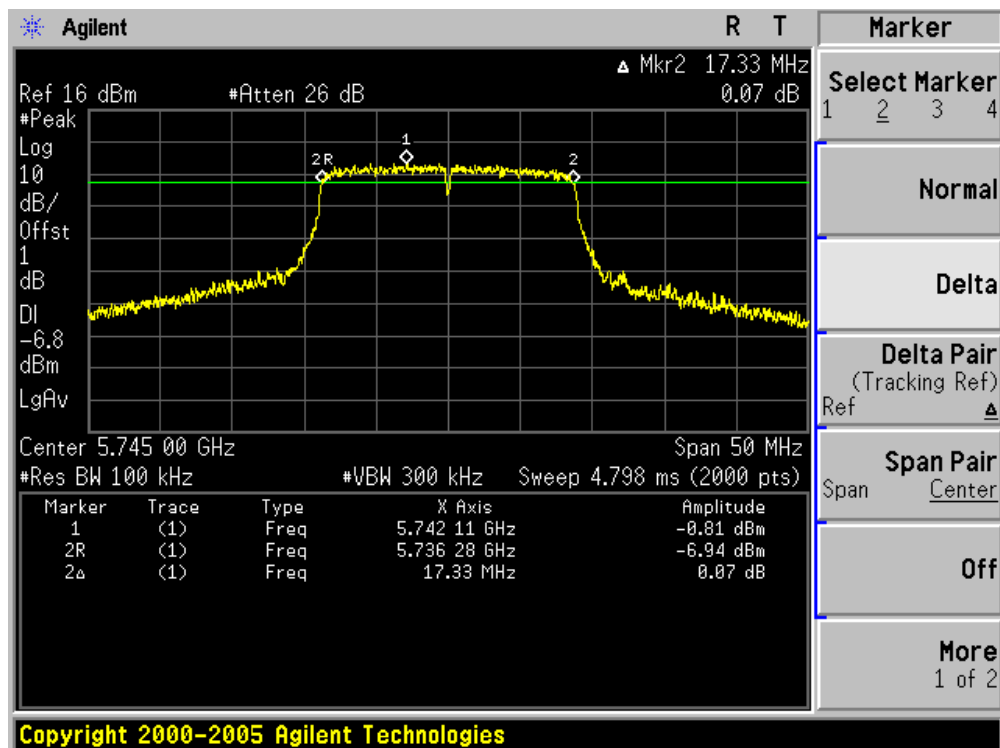
Channel 06 (2437MHz)



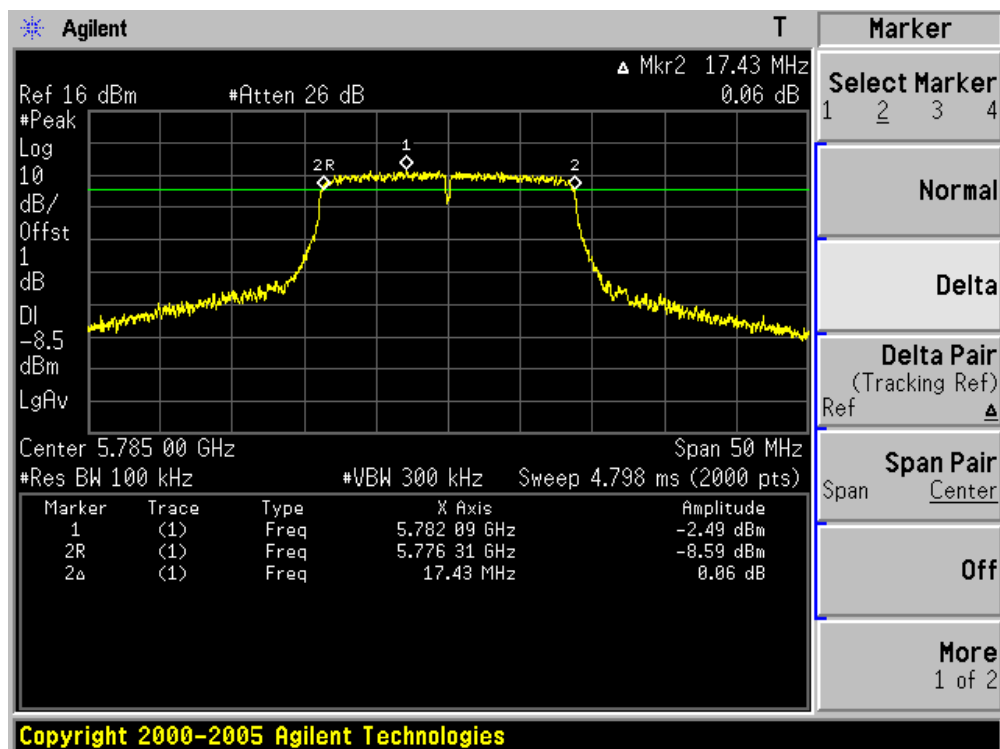
Channel 11 (2462MHz)



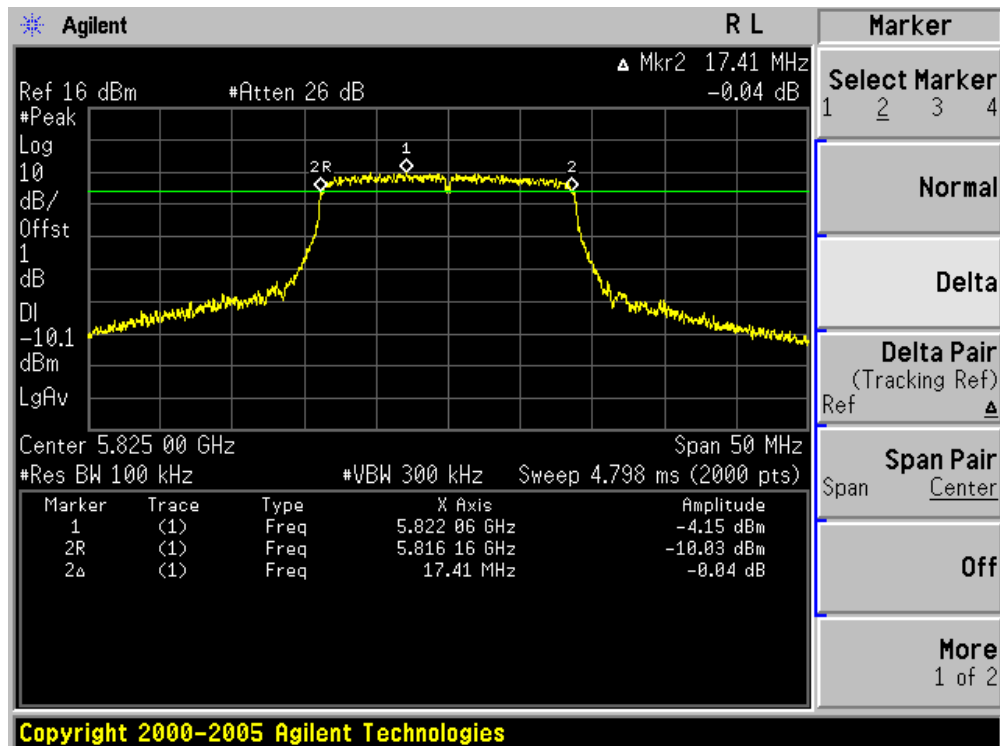
Channel 149 (5745MHz)



Channel 157 (5785MHz)



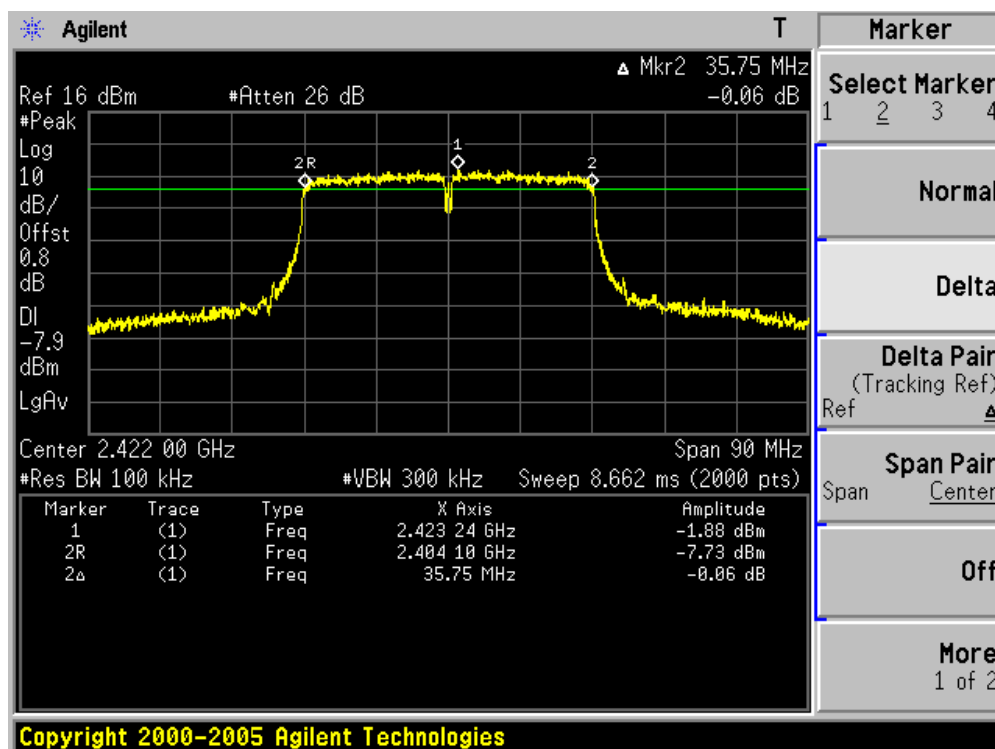
Channel 165 (5825MHz)



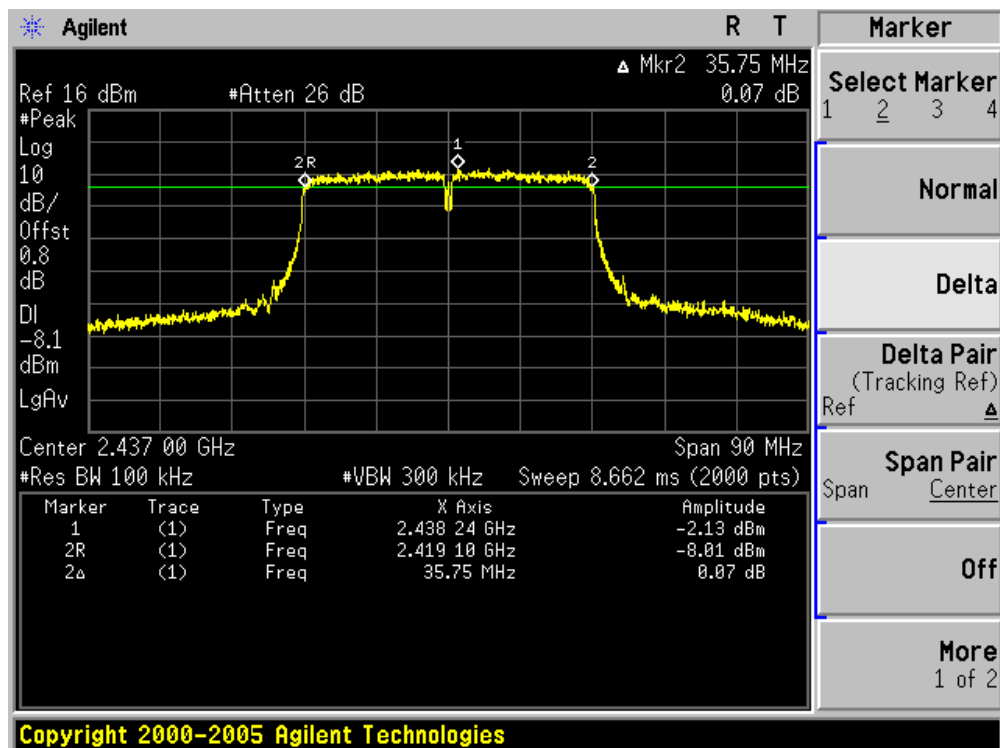
Product	:	Flip Share TV (Set Top Box)
Test Item	:	6dB Occupied Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 5: Transmit by 802.11n (40MHz) (Chain 1)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
03	2422	35750	500	Pass
06	2437	35750	500	Pass
09	2452	35700	500	Pass
151	5755	35570	500	Pass
159	5795	35930	500	Pass

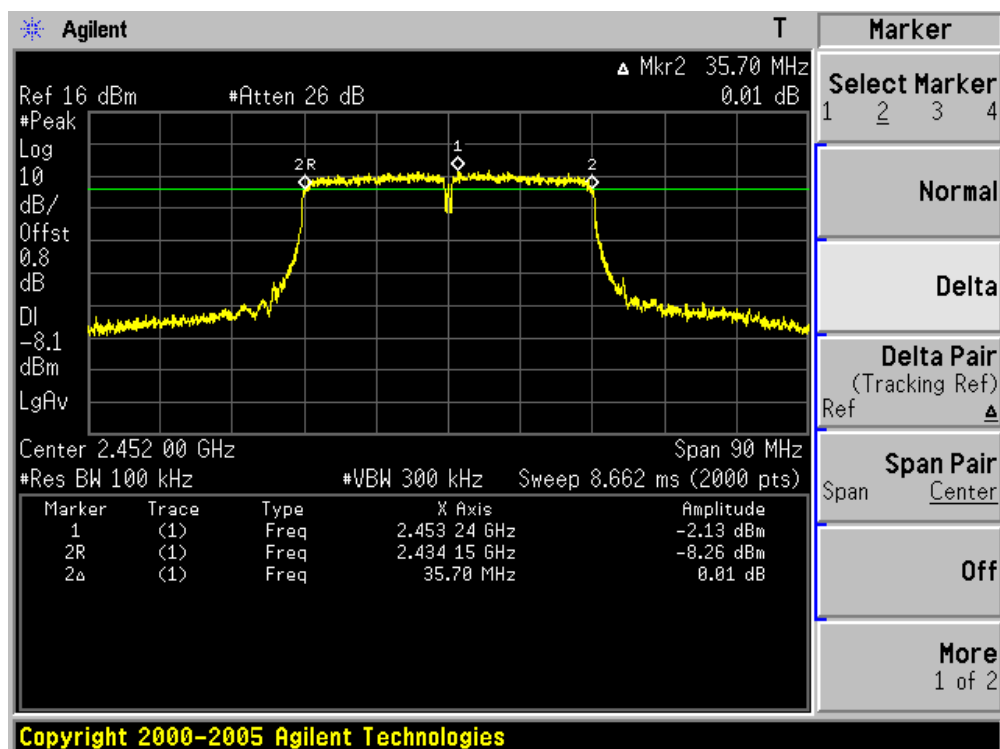
Channel 03 (2422MHz)



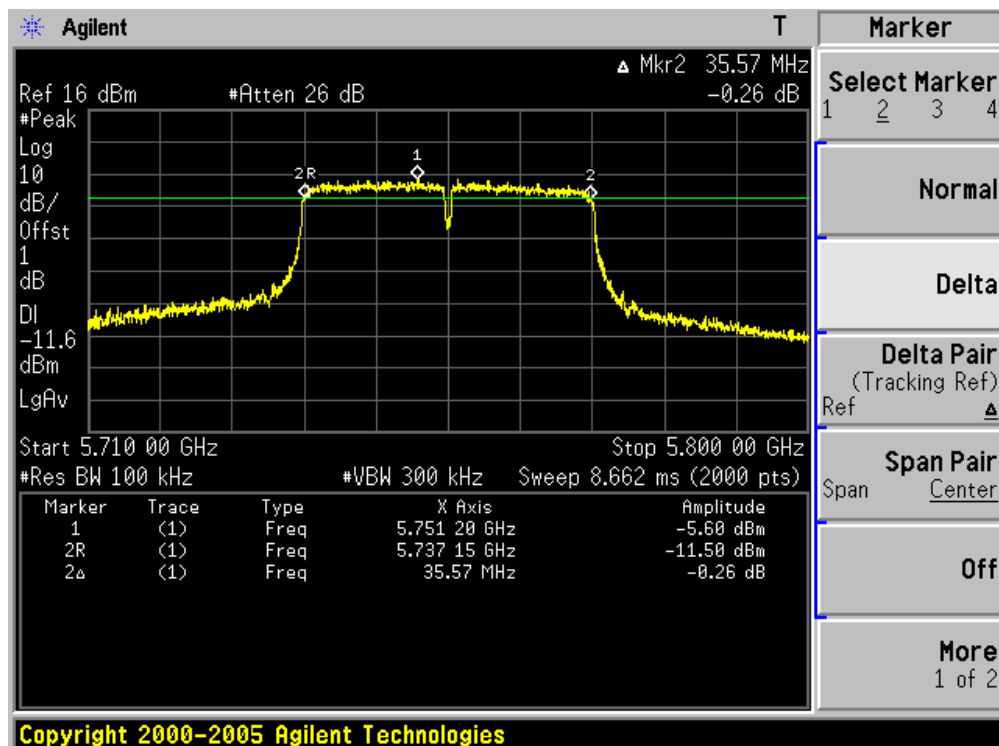
Channel 06 (2437MHz)



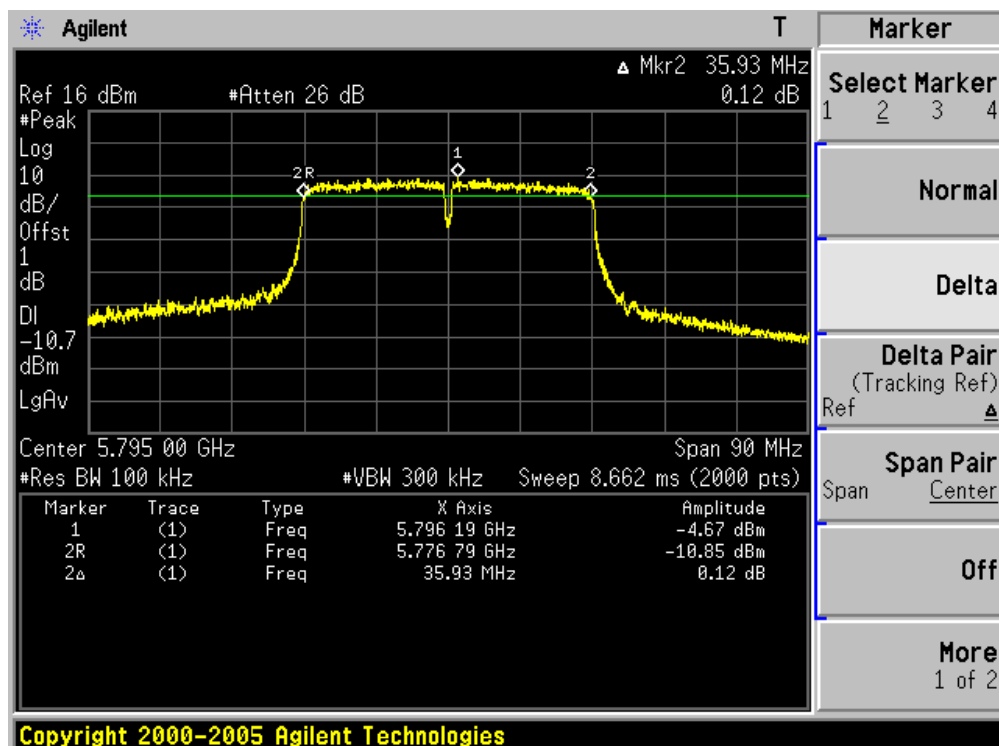
Channel 09 (2452MHz)



Channel 151 (5755MHz)



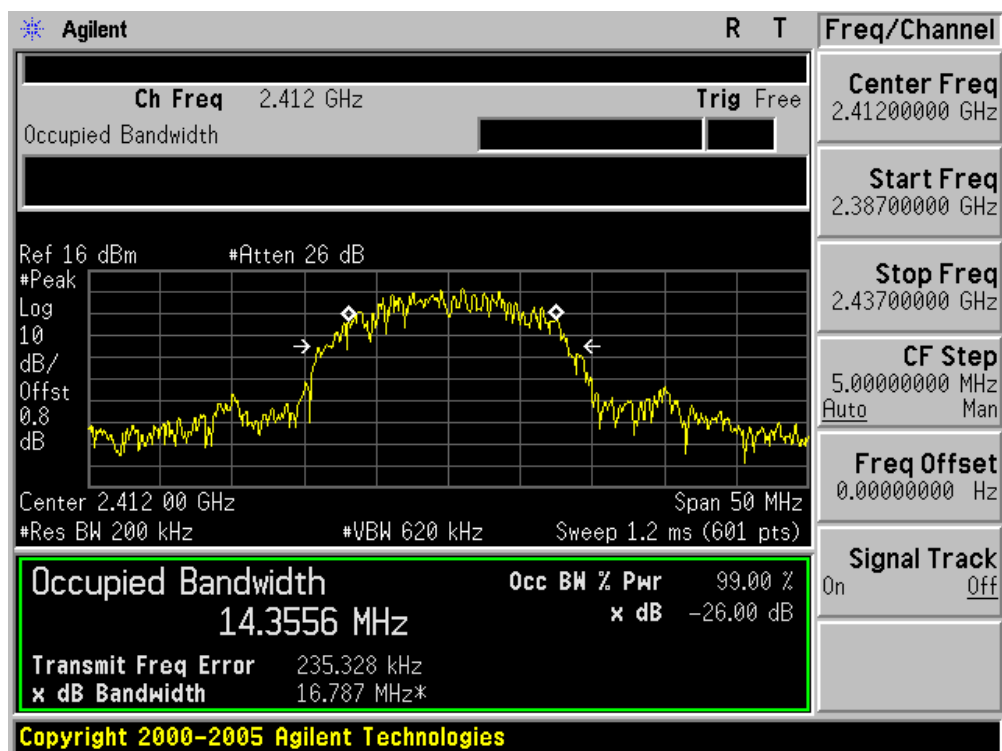
Channel 159 (5795MHz)



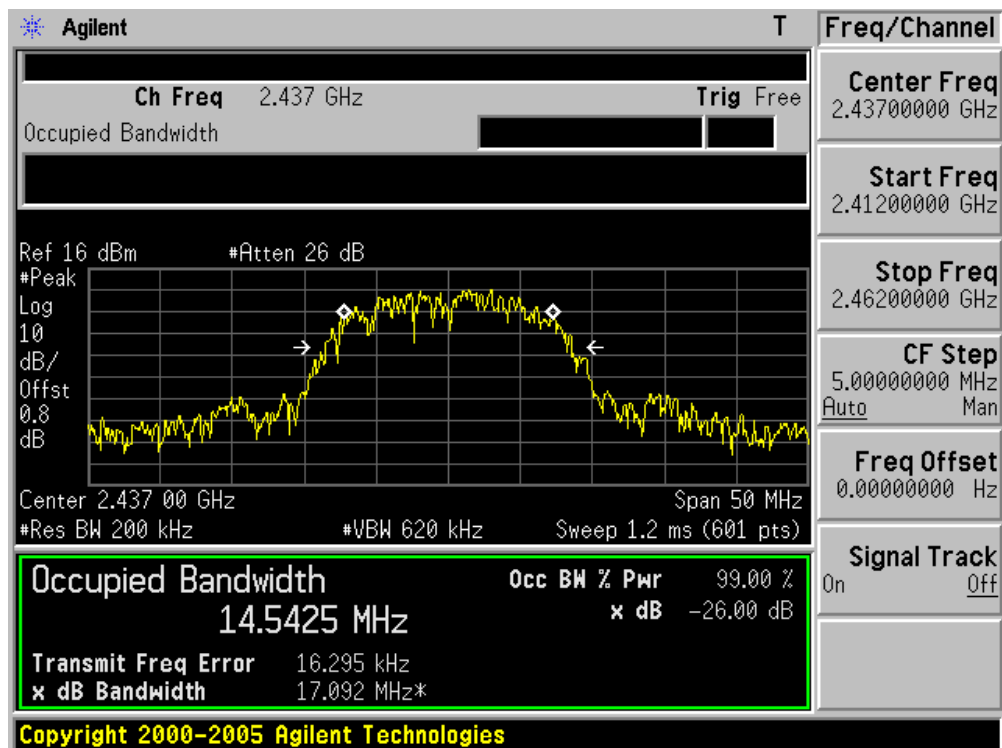
Product	:	Flip Share TV (Set Top Box)
Test Item	:	99% Occupied Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 5: Transmit by 802.11b (Chain 0)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)
01	2412	14.3556
06	2437	14.5425
11	2462	14.4244

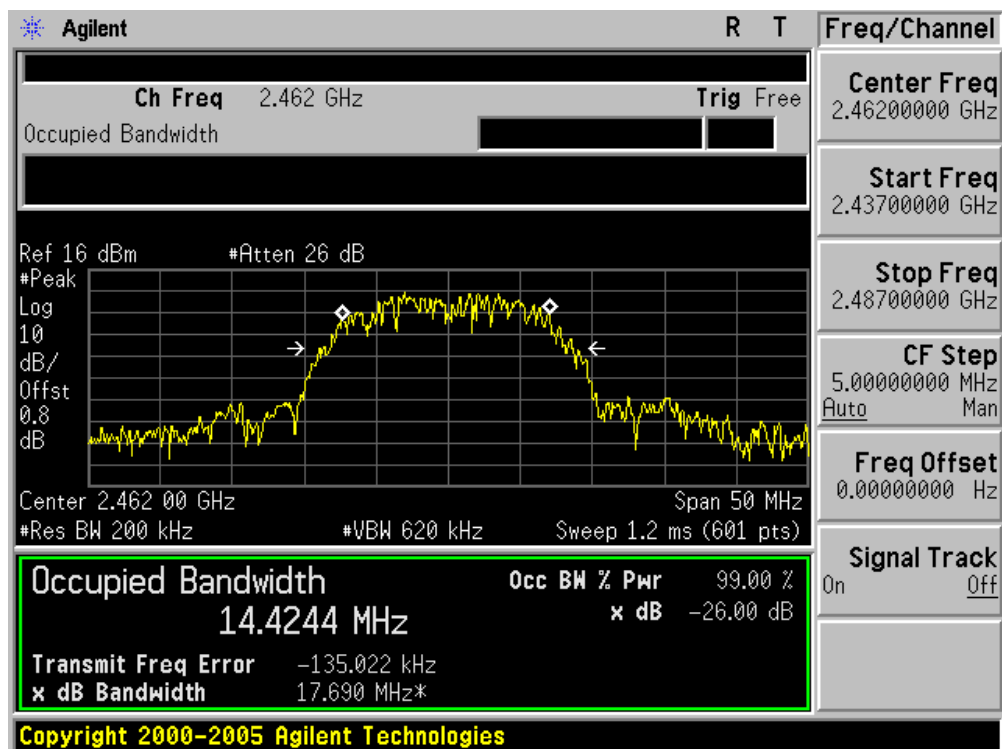
Channel 01 (2412MHz)



Channel 06 (2437MHz)



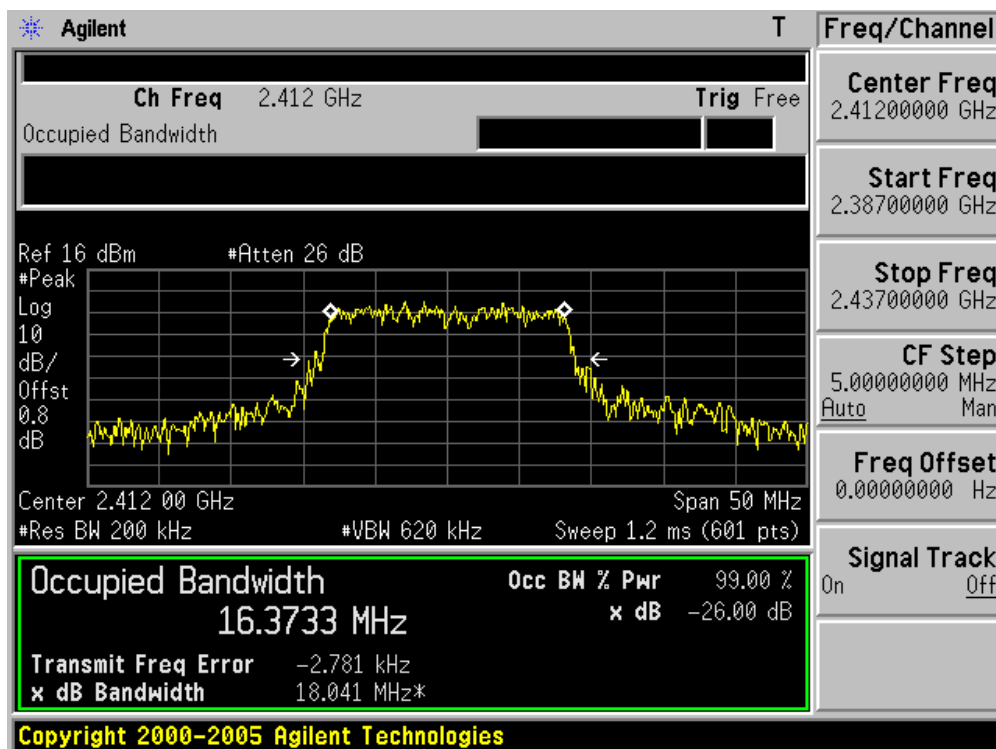
Channel 11 (2462MHz)



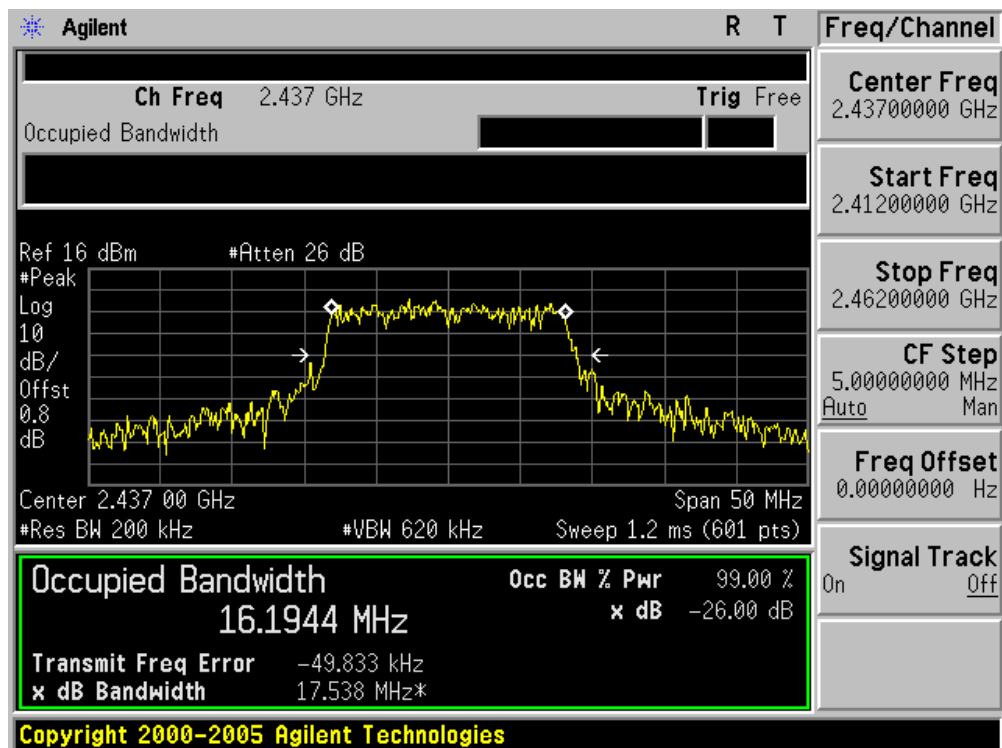
Product	:	Flip Share TV (Set Top Box)
Test Item	:	99% Occupied Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 5: Transmit by 802.11g (Chain 0)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)
01	2412	16.3733
06	2437	16.1944
11	2462	16.3780

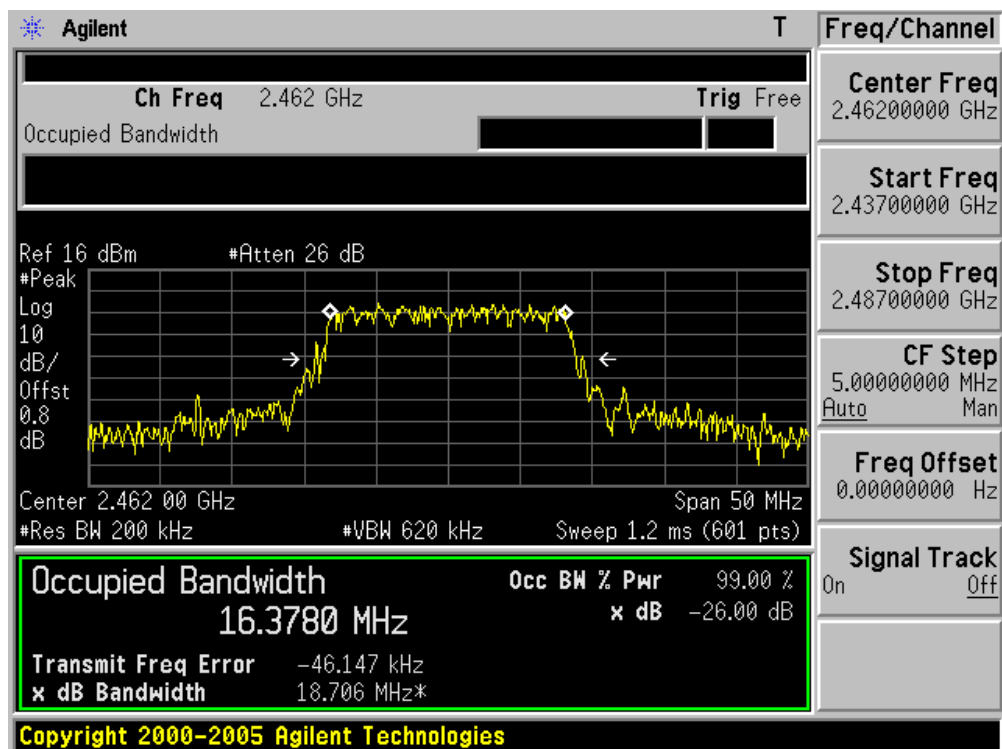
Channel 01 (2412MHz)



Channel 06 (2437MHz)



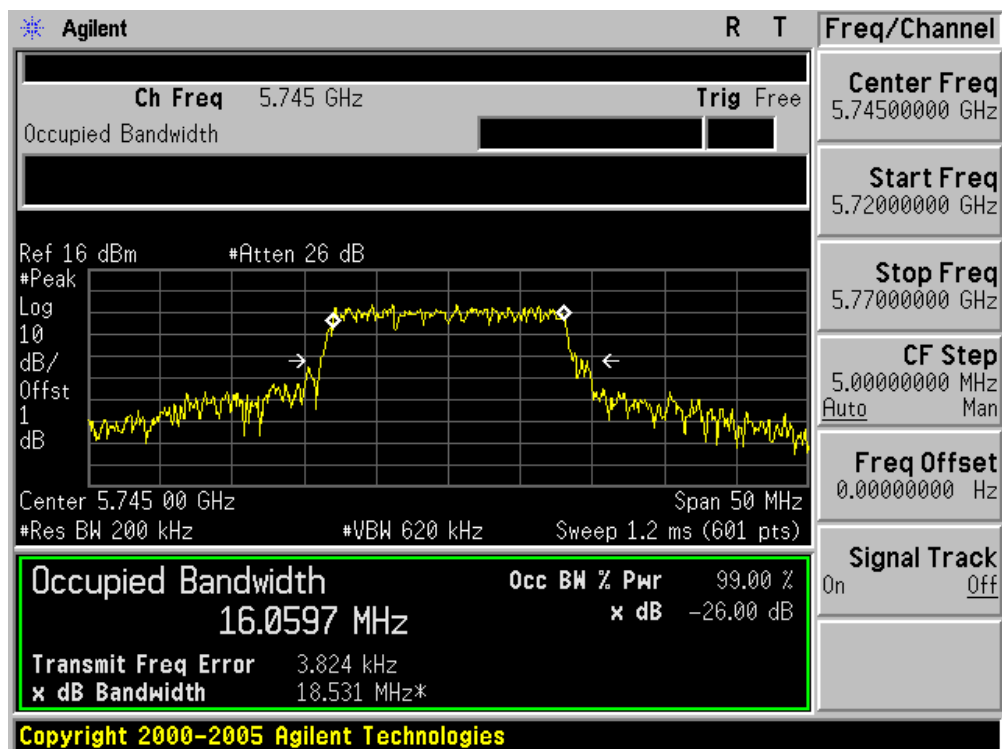
Channel 11 (2462MHz)



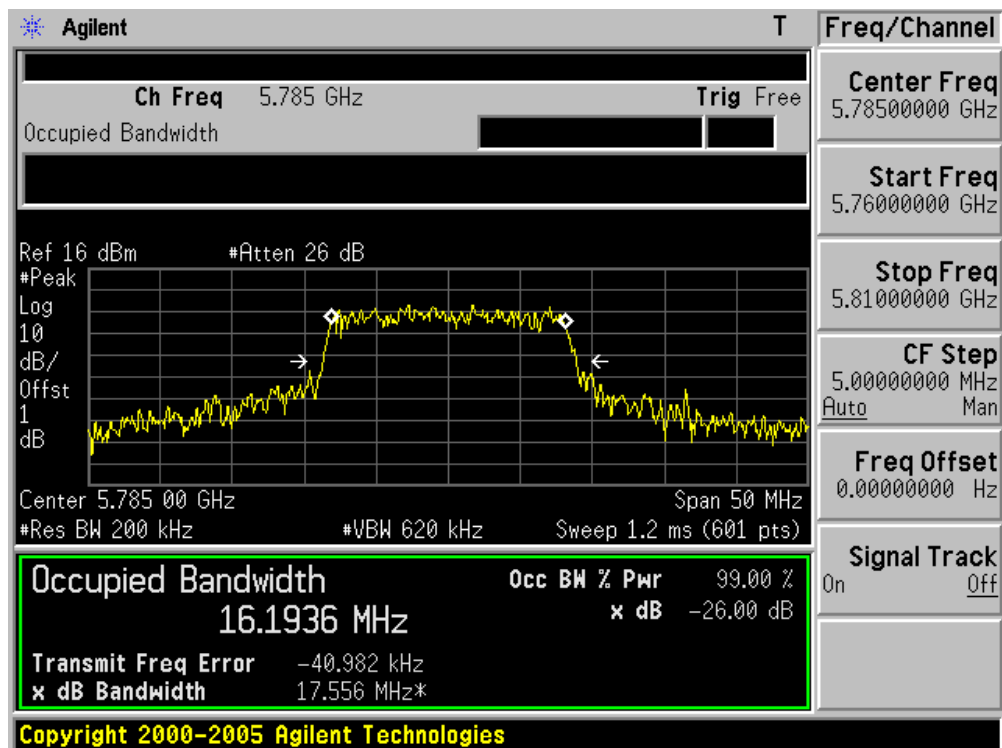
Product	:	Flip Share TV (Set Top Box)
Test Item	:	99% Occupied Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 5: Transmit by 802.11a (Chain 0)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)
149	5745	16.0597
157	5785	16.1936
165	5825	16.3830

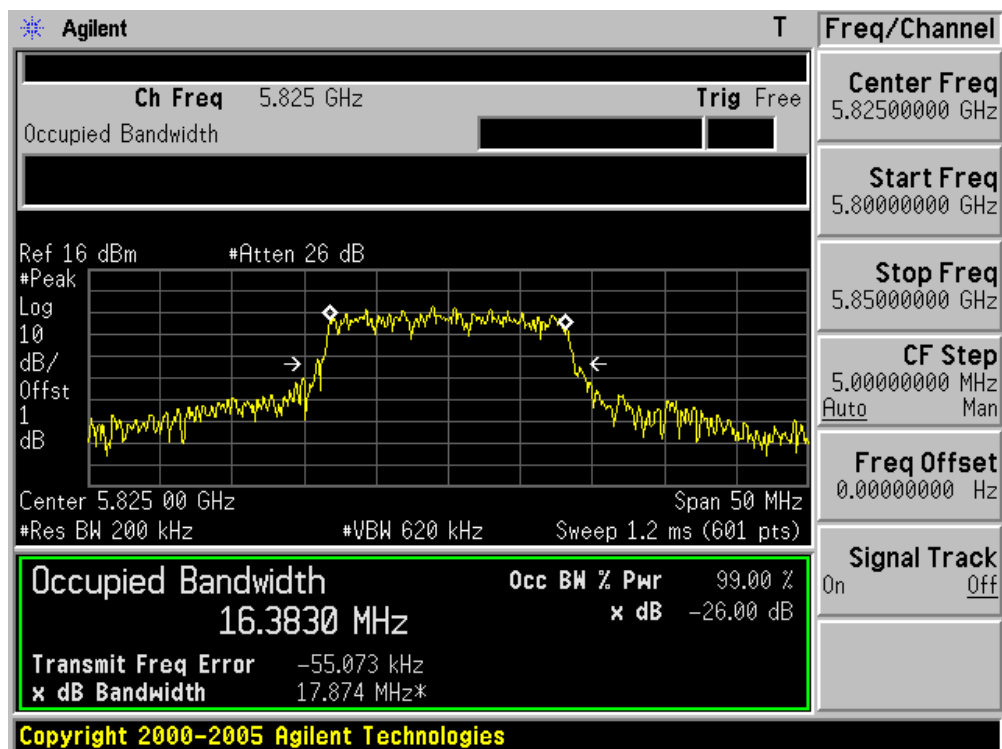
Channel 149 (5745MHz)



Channel 157 (5785MHz)



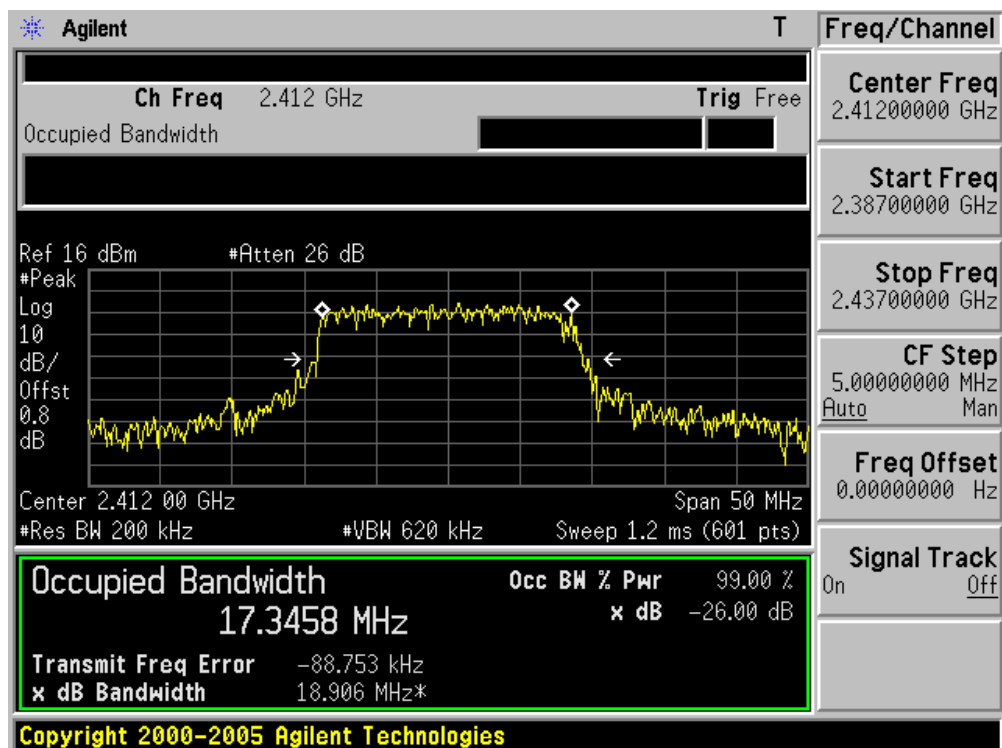
Channel 165 (5825MHz)



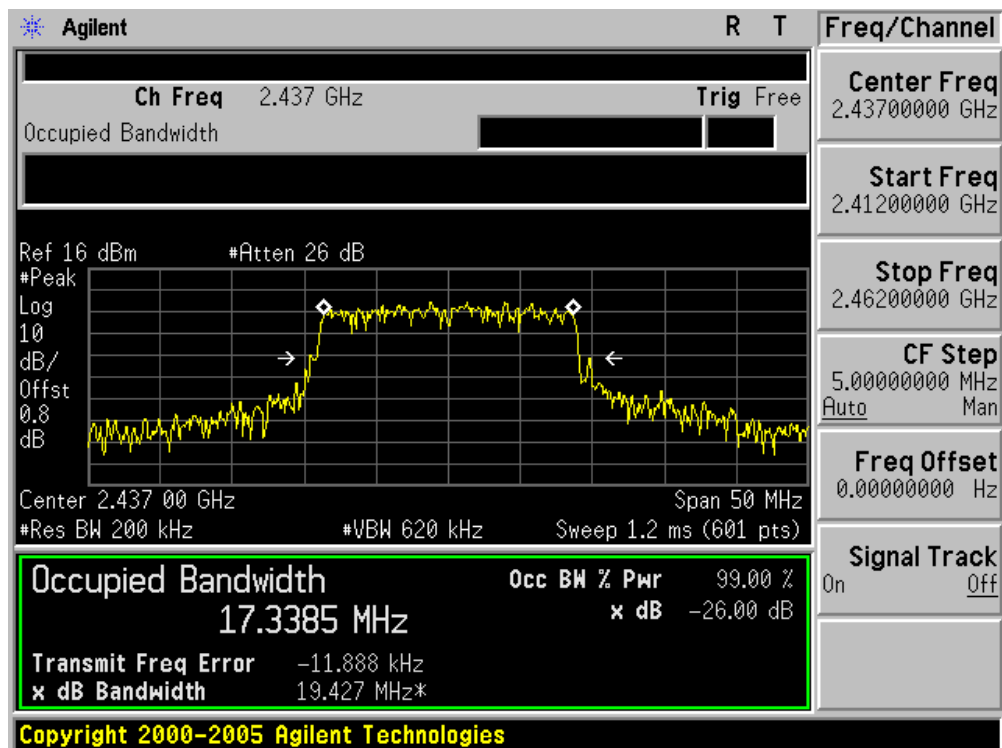
Product	:	Flip Share TV (Set Top Box)
Test Item	:	99% Occupied Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 5: Transmit by 802.11n (20MHz) (Chain 0)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)
01	2412	17.3485
06	2437	17.3385
11	2462	17.4281
149	5745	17.4441
157	5785	17.2781
165	5825	17.1213

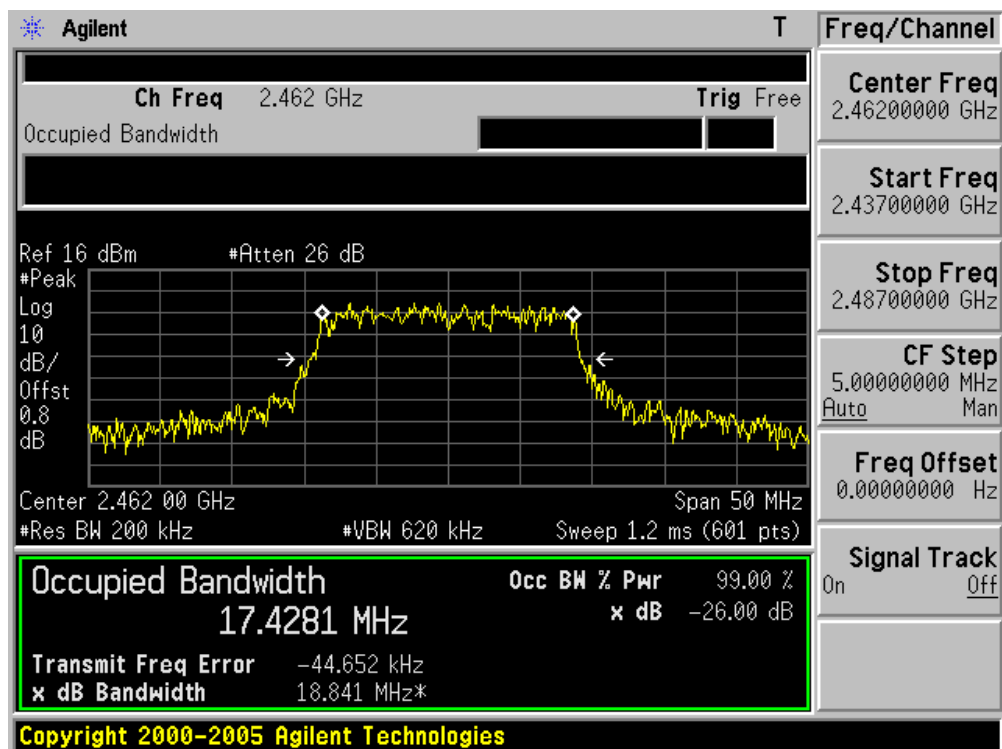
Channel 01 (2412MHz)



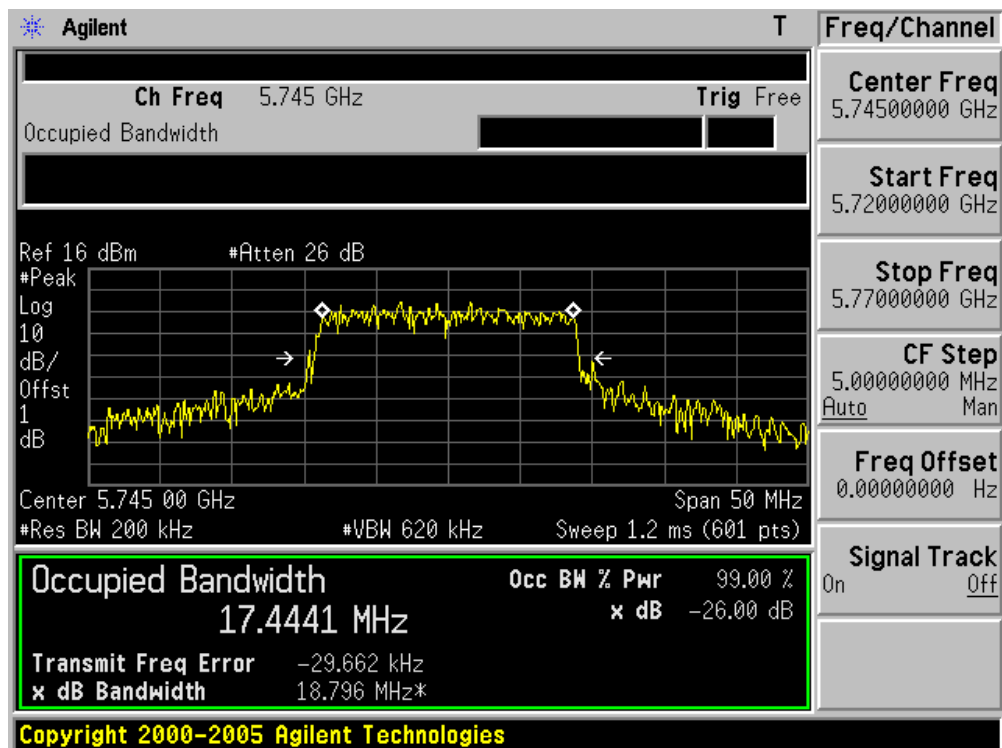
Channel 06 (2437MHz)



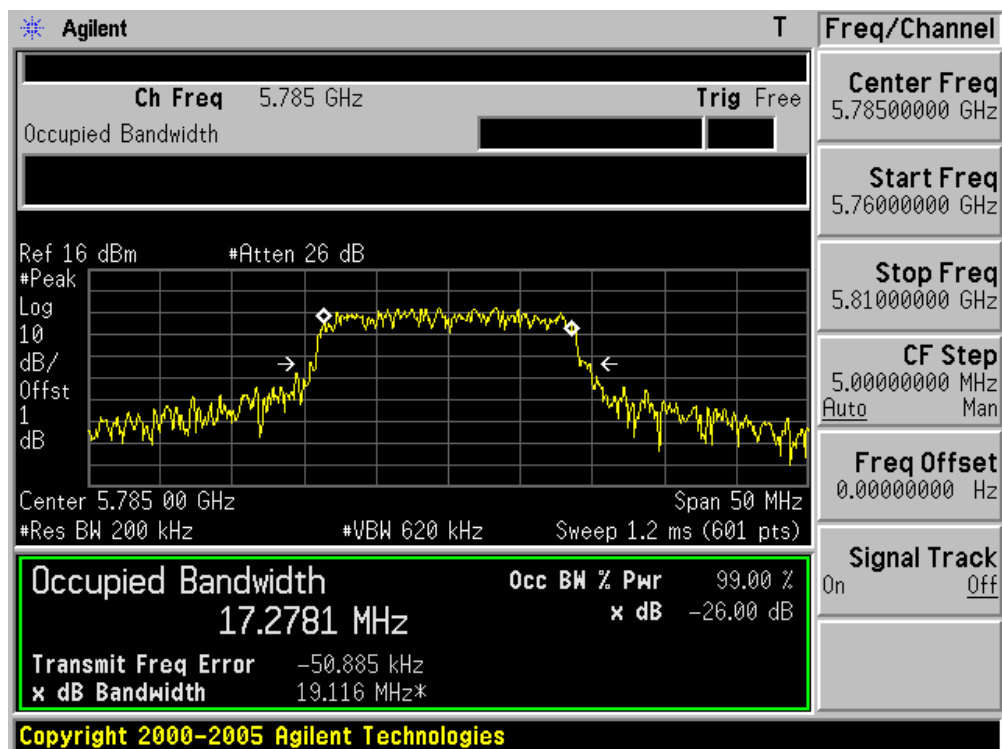
Channel 11 (2462MHz)



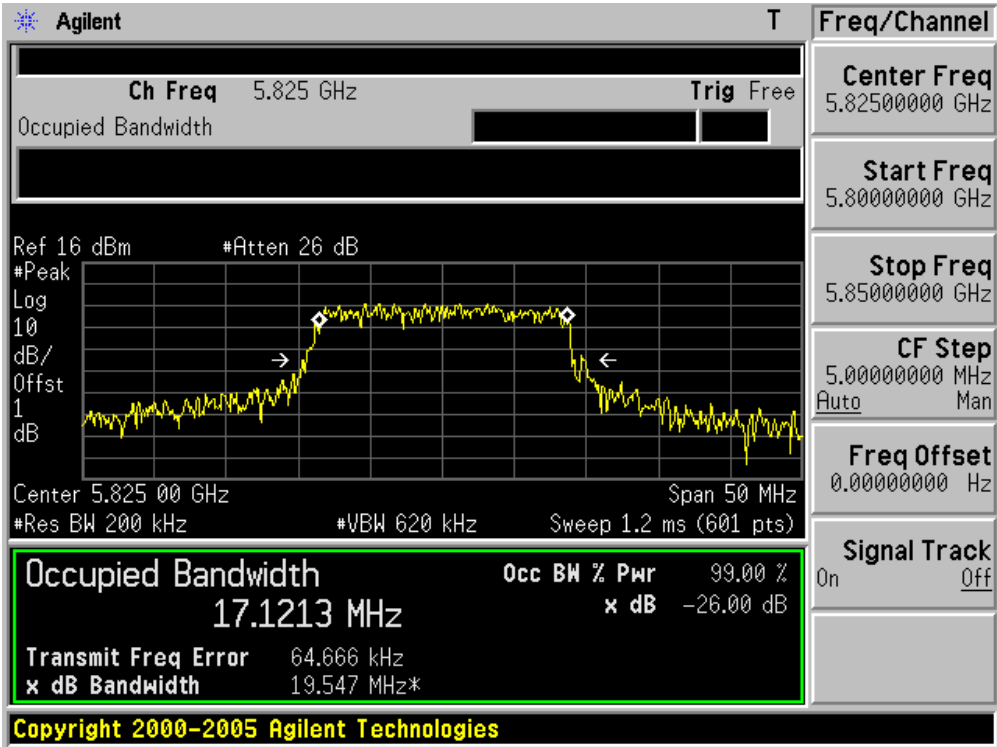
Channel 149 (5745MHz)



Channel 157 (5785MHz)



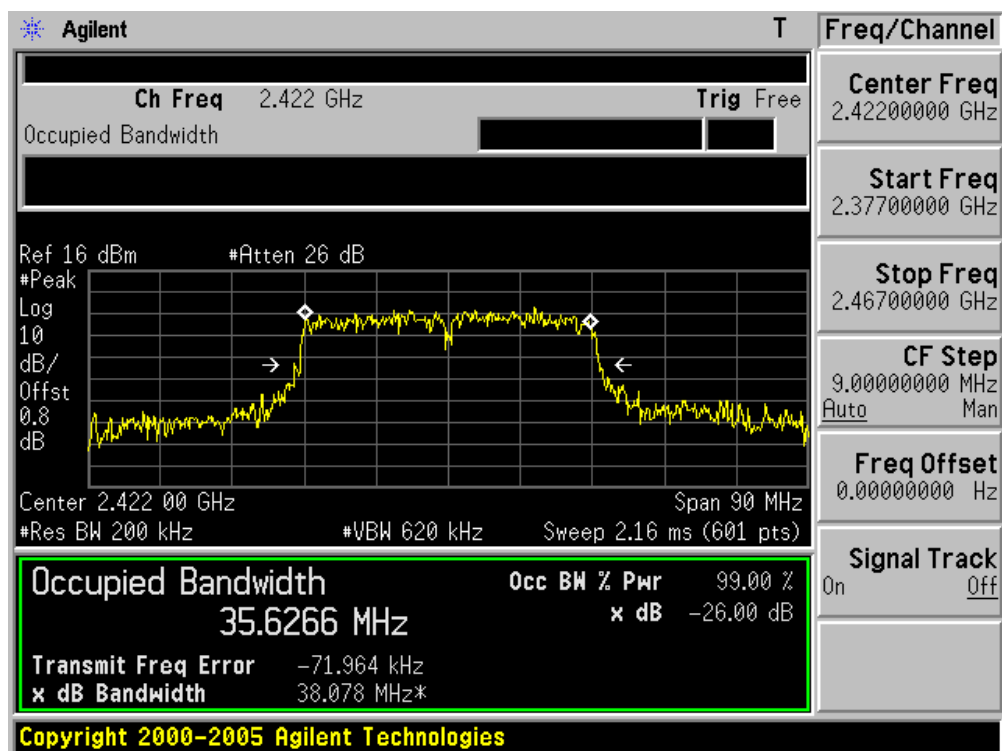
Channel 165 (5825MHz)



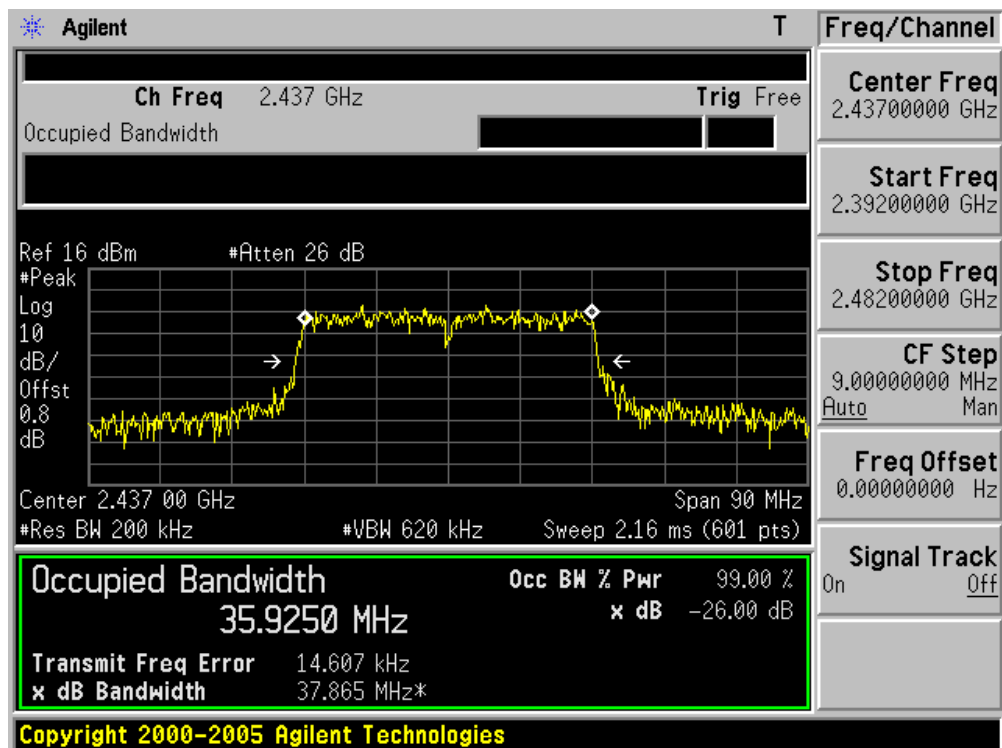
Product	:	Flip Share TV (Set Top Box)
Test Item	:	99% Occupied Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 5: Transmit by 802.11n (40MHz) (Chain 0)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)
03	2422	35.6266
06	2437	35.9250
09	2452	35.8538
151	5755	35.8078
159	5795	35.7438

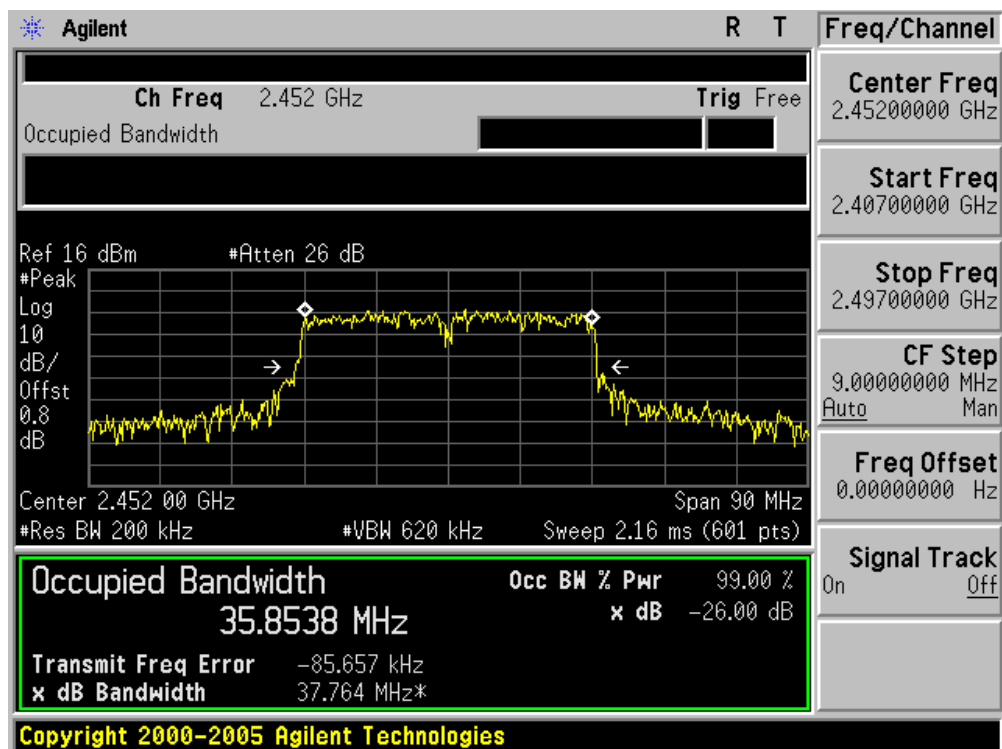
Channel 03 (2422MHz)



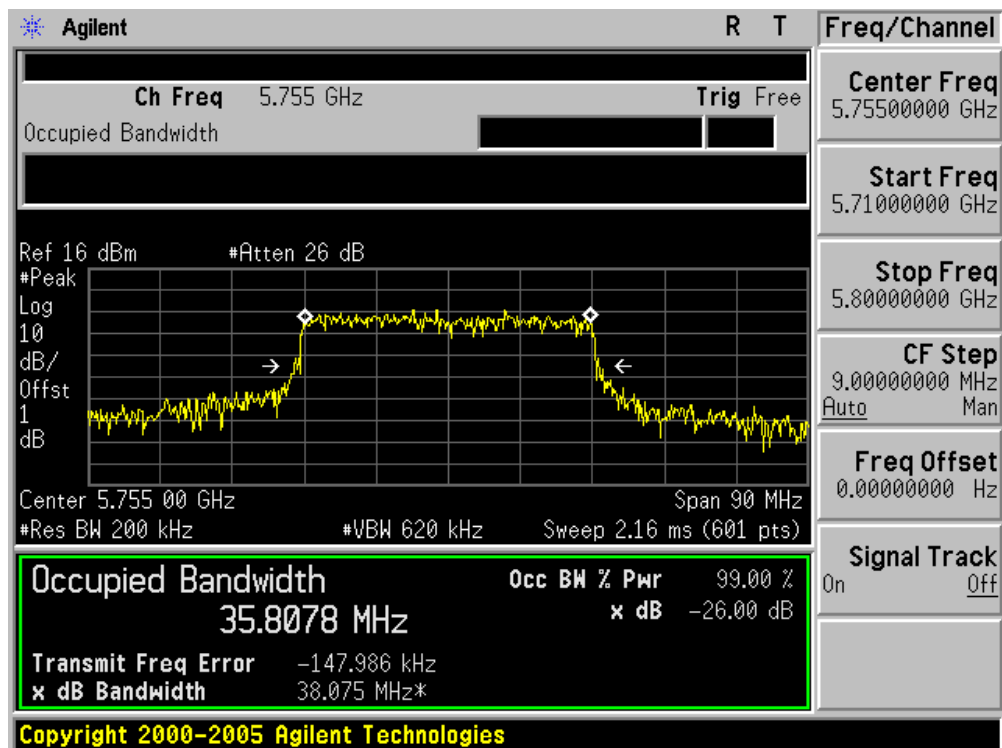
Channel 06 (2437MHz)



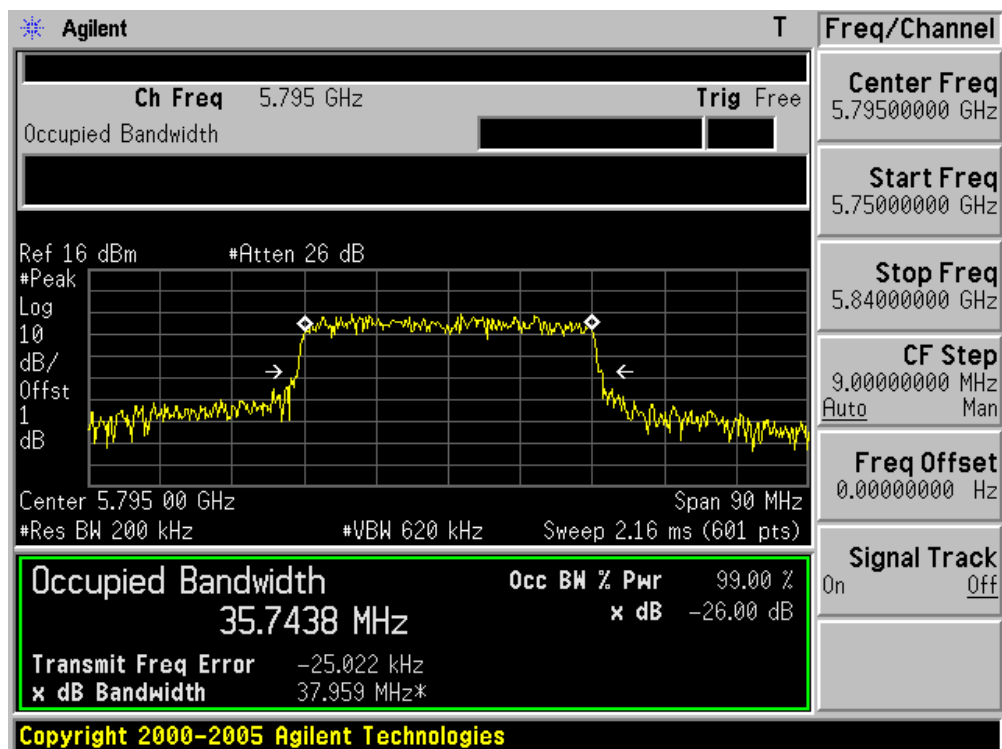
Channel 09 (2452MHz)



Channel 151 (5755MHz)



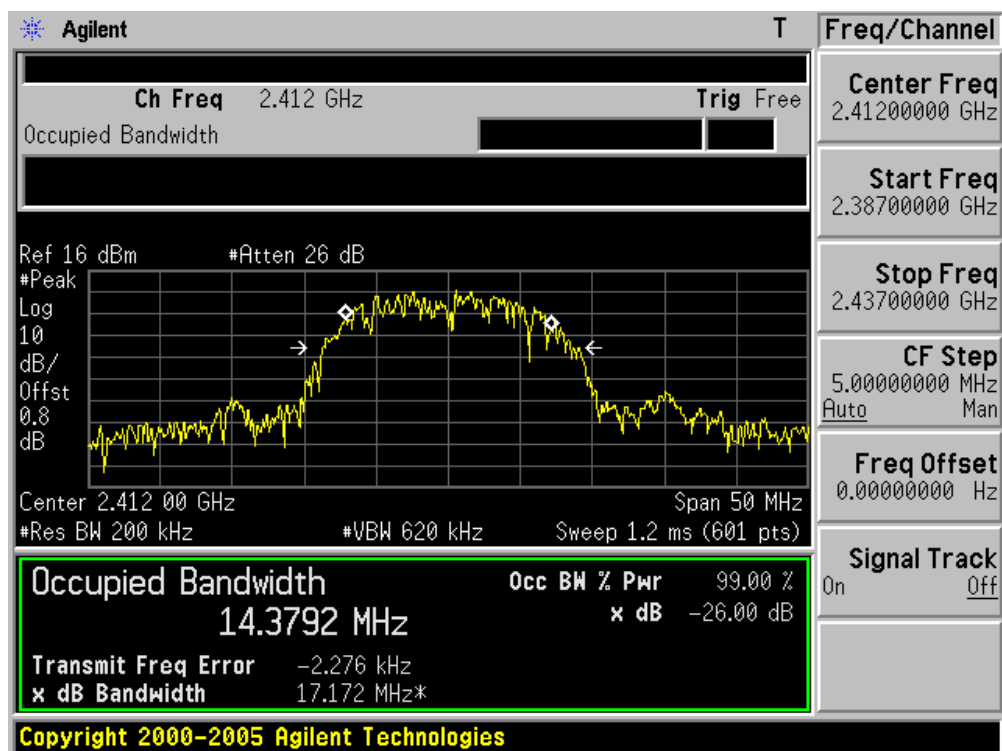
Channel 159 (5795MHz)



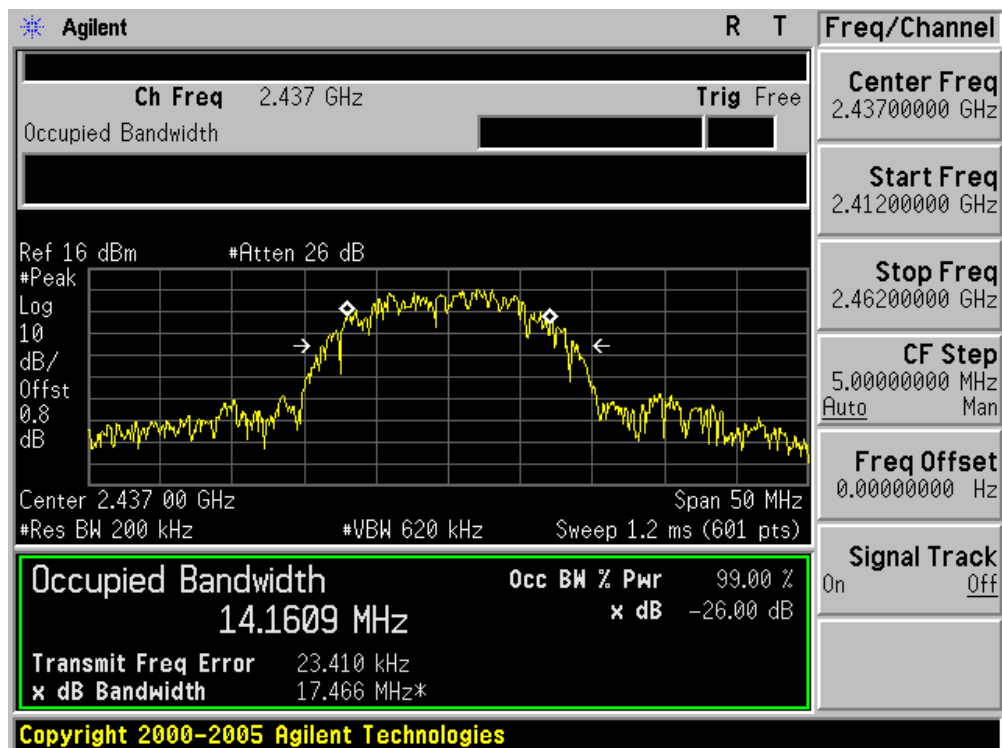
Product	:	Flip Share TV (Set Top Box)
Test Item	:	99% Occupied Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 5: Transmit by 802.11b (Chain 1)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)
01	2412	14.3792
06	2437	14.1609
11	2462	14.6090

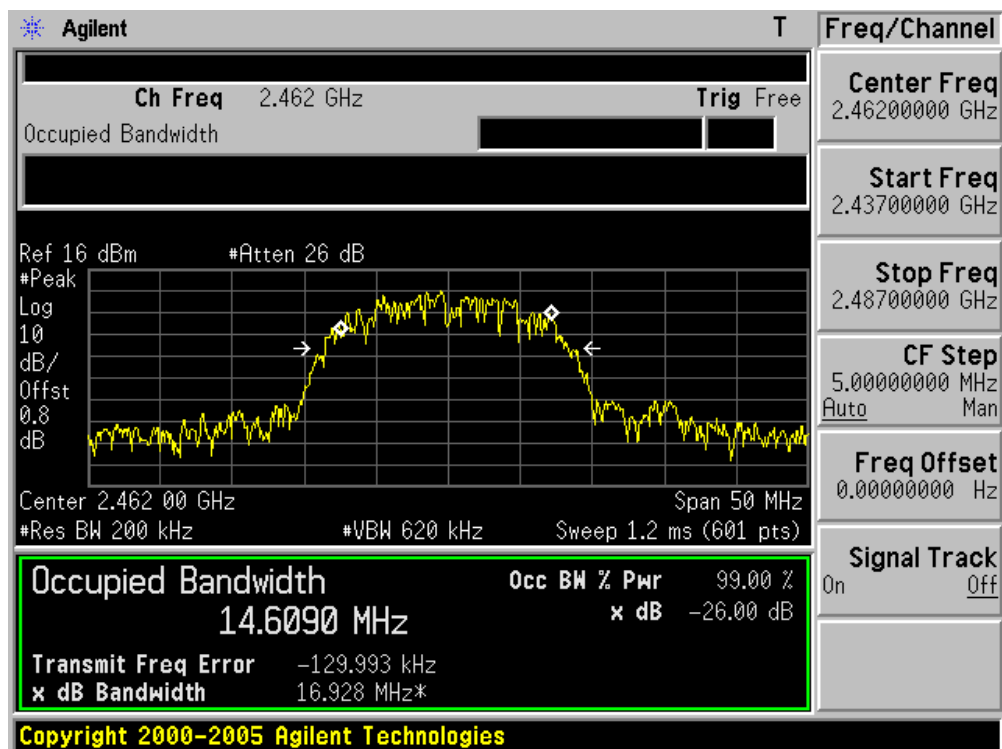
Channel 01 (2412MHz)



Channel 06 (2437MHz)



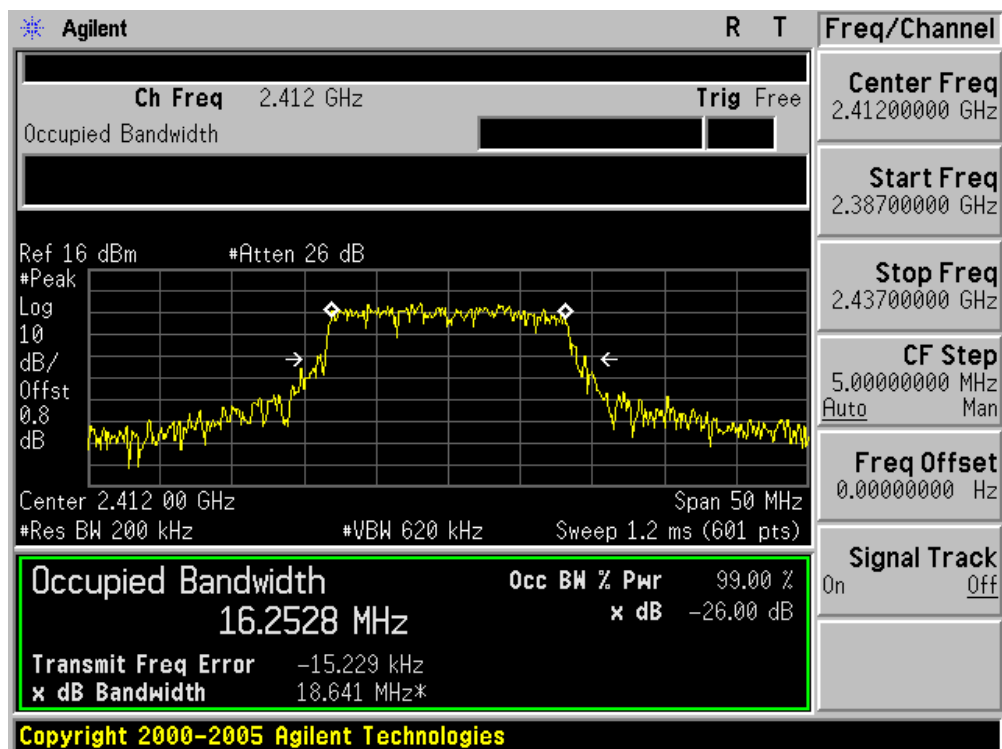
Channel 11 (2462MHz)



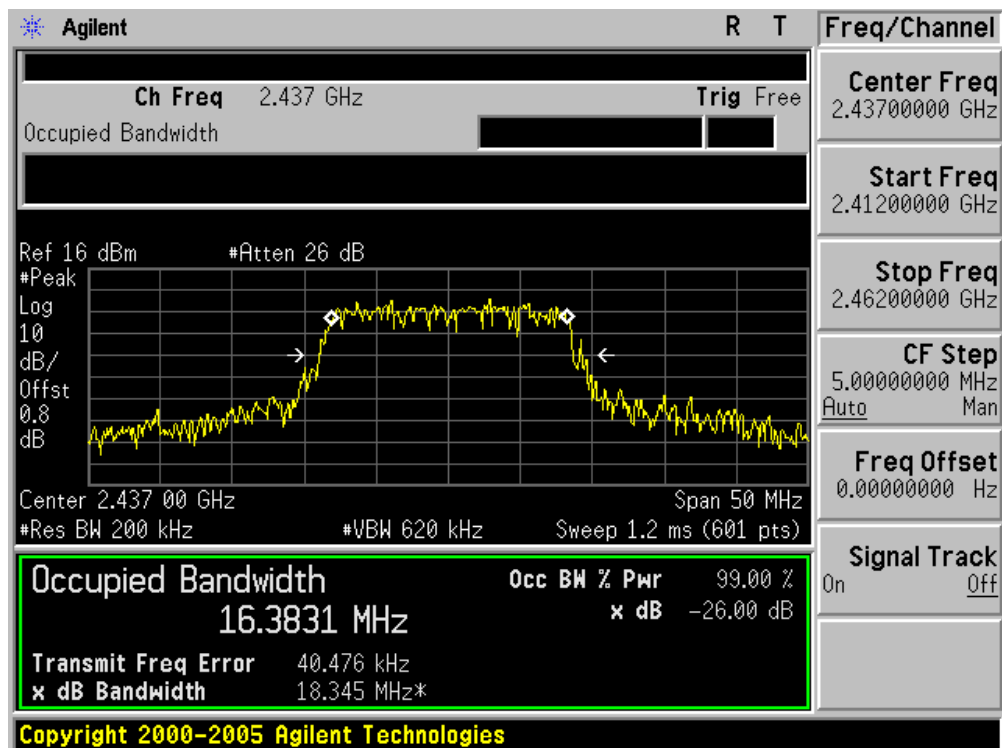
Product	:	Flip Share TV (Set Top Box)
Test Item	:	99% Occupied Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 5: Transmit by 802.11g (Chain 1)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)
01	2412	16.2528
06	2437	16.3831
11	2462	16.3530

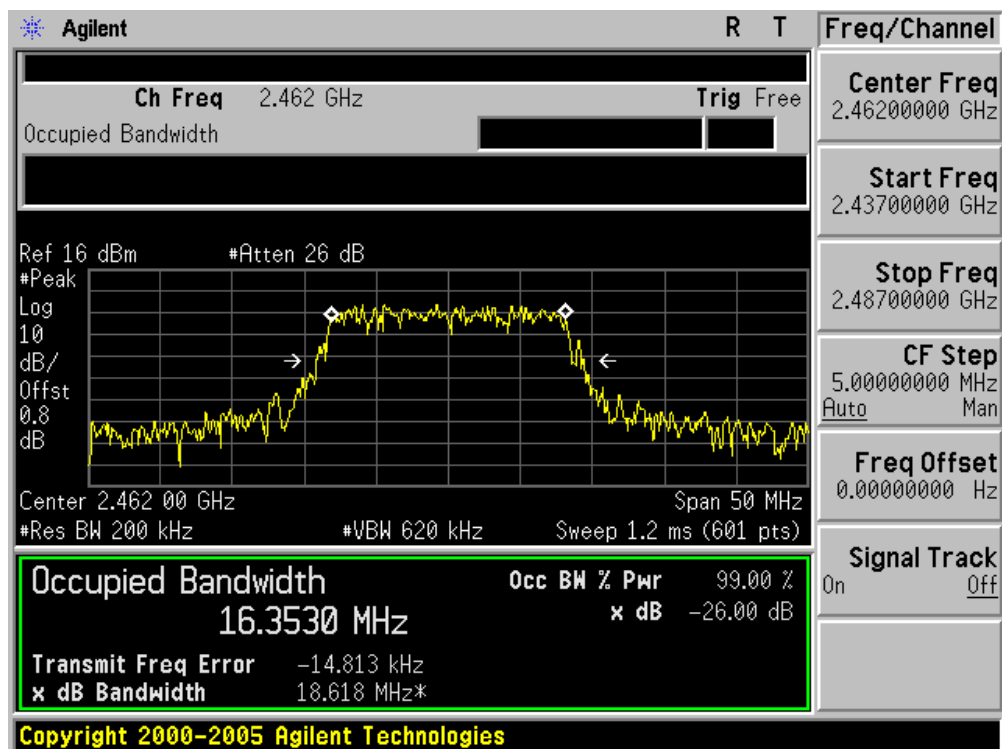
Channel 01 (2412MHz)



Channel 06 (2437MHz)



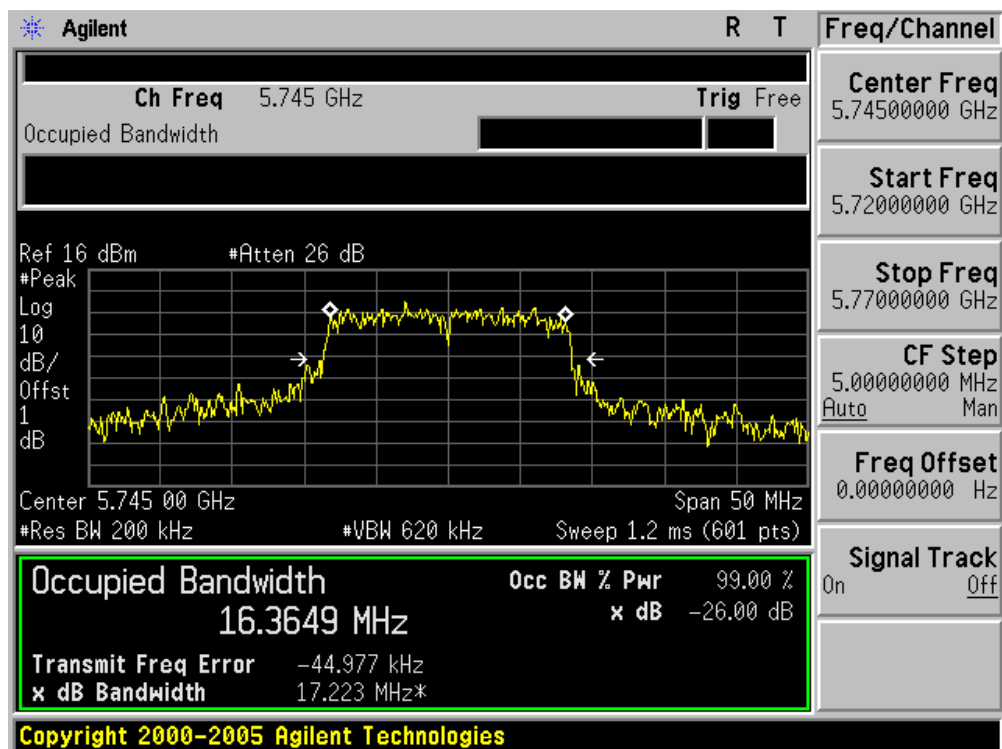
Channel 11 (2462MHz)



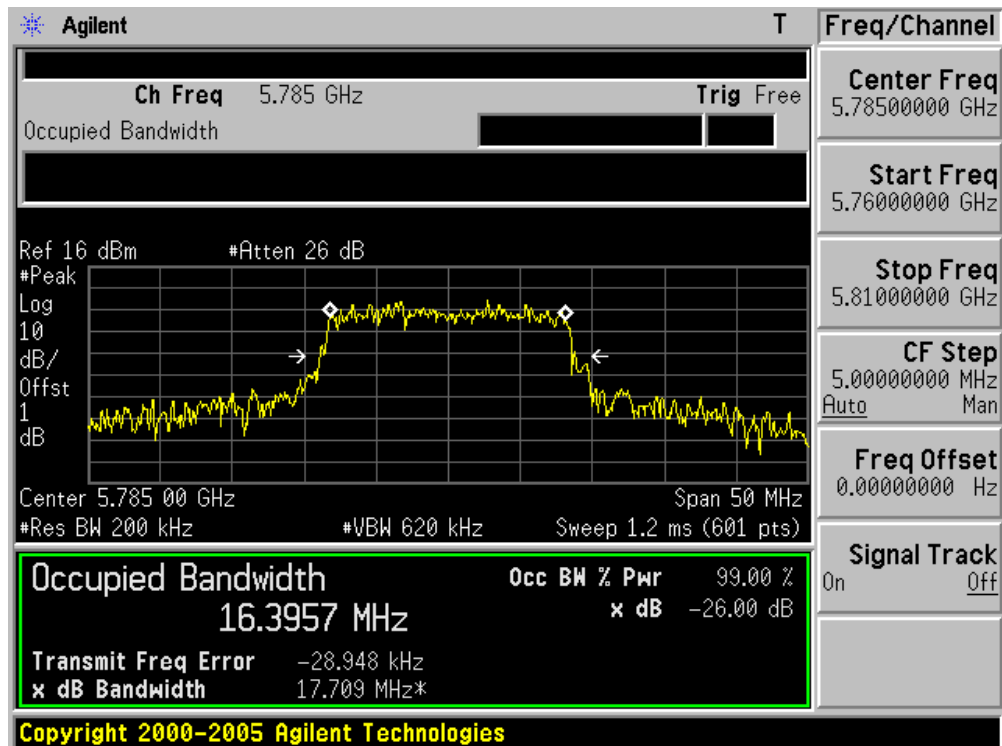
Product	:	Flip Share TV (Set Top Box)
Test Item	:	99% Occupied Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 5: Transmit by 802.11a (Chain 1)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)
149	5745	16.3649
157	5785	16.3957
165	5825	16.5095

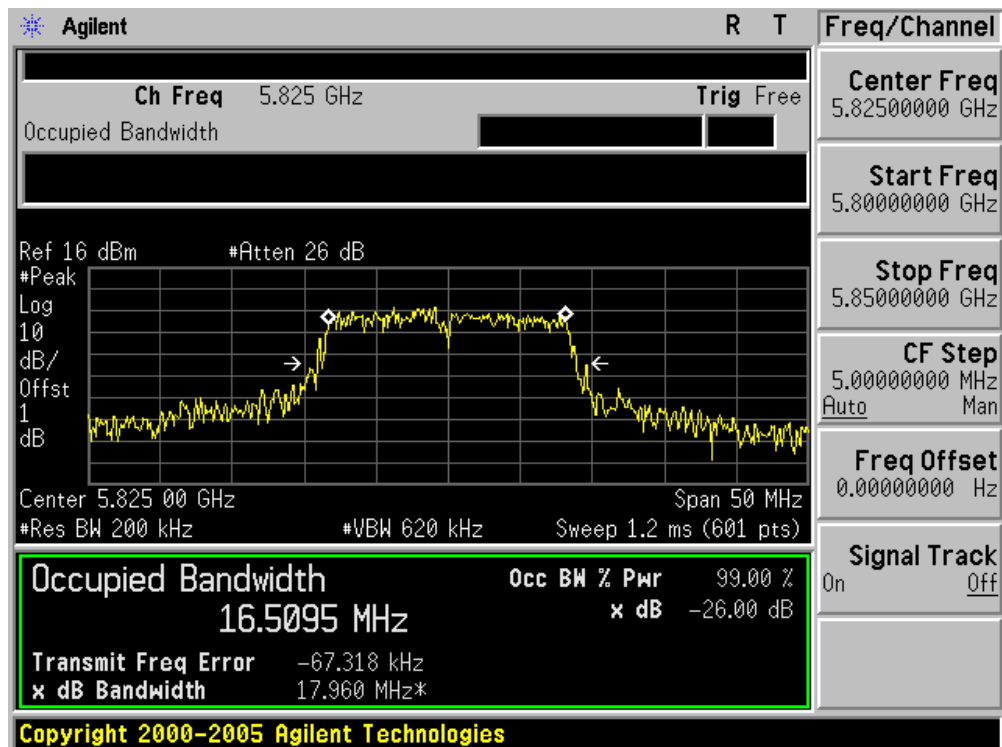
Channel 149 (5745MHz)



Channel 157 (5785MHz)



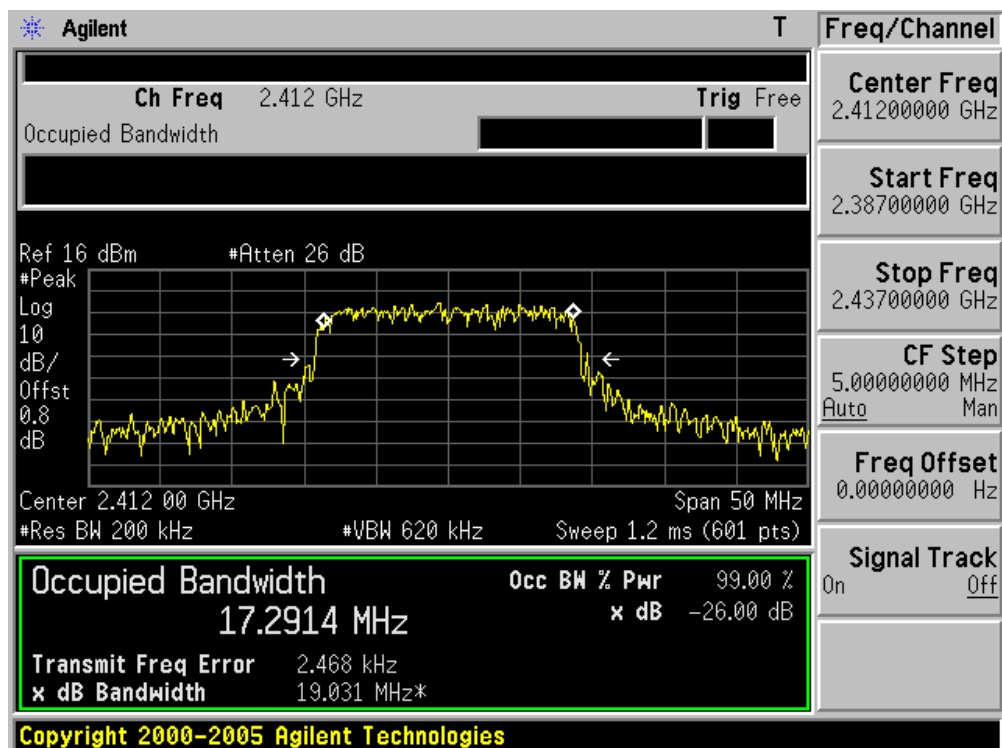
Channel 165 (5825MHz)



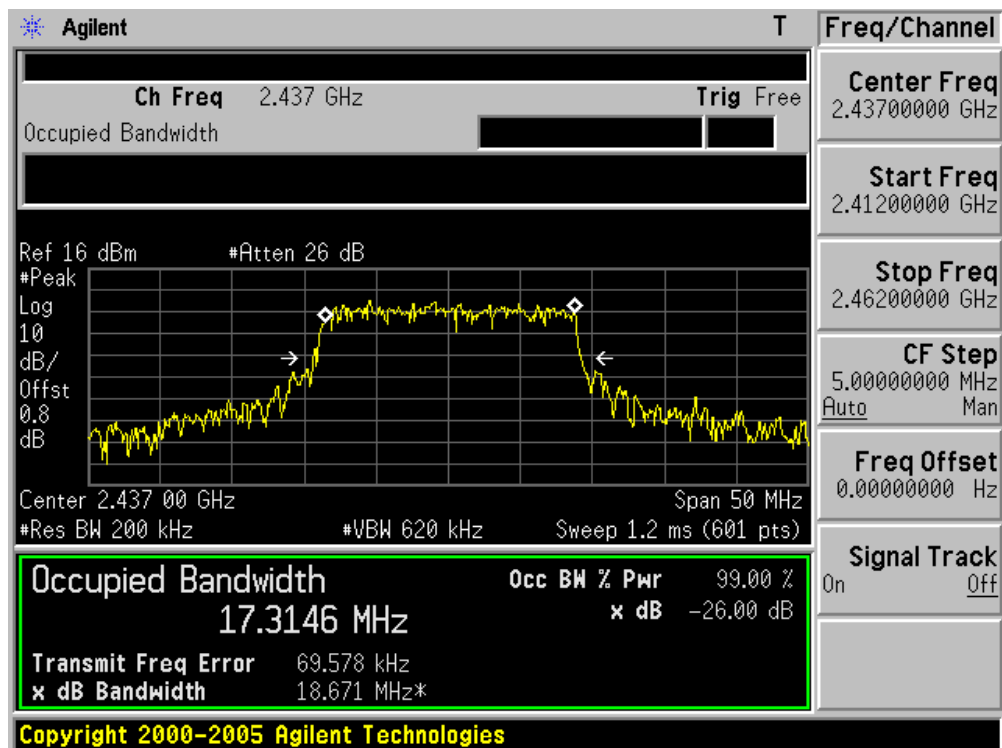
Product	:	Flip Share TV (Set Top Box)
Test Item	:	99% Occupied Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 5: Transmit by 802.11n (20MHz) (Chain1)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)
01	2412	17.2914
06	2437	17.3146
11	2462	17.3855
149	5745	17.3448
157	5785	17.4322
165	5825	17.4393

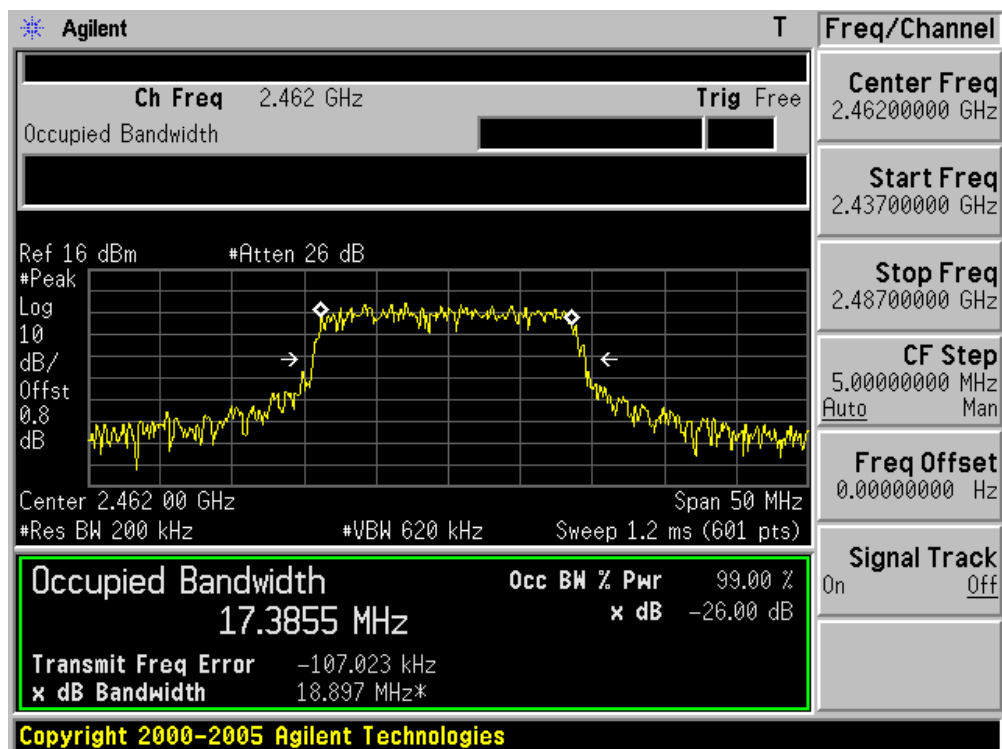
Channel 01 (2412MHz)



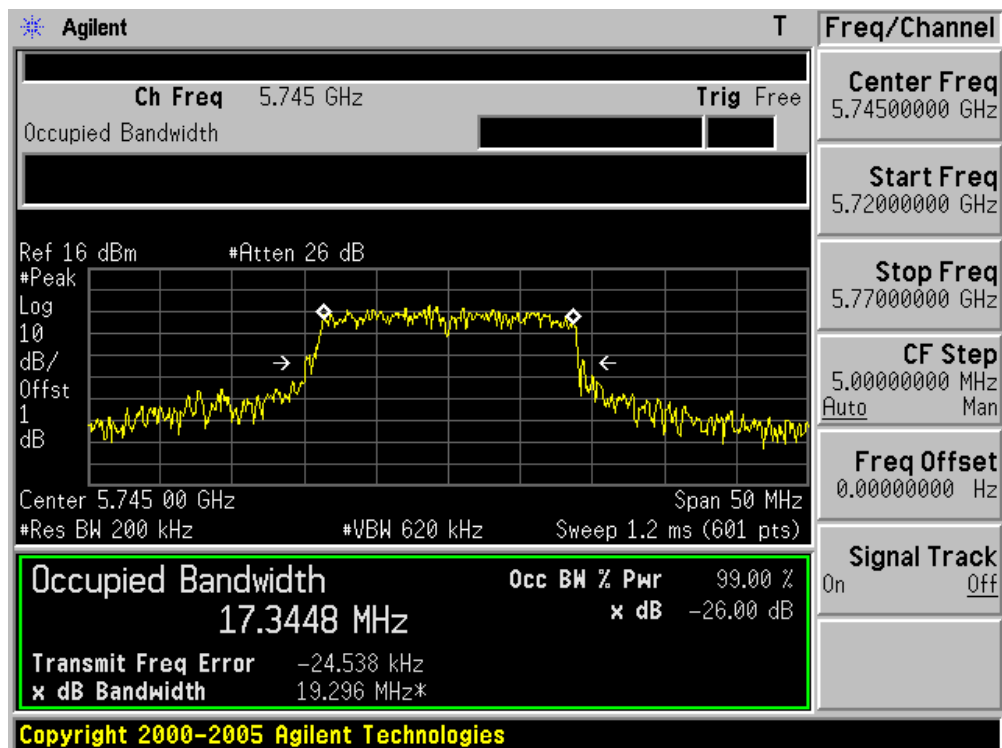
Channel 06 (2437MHz)



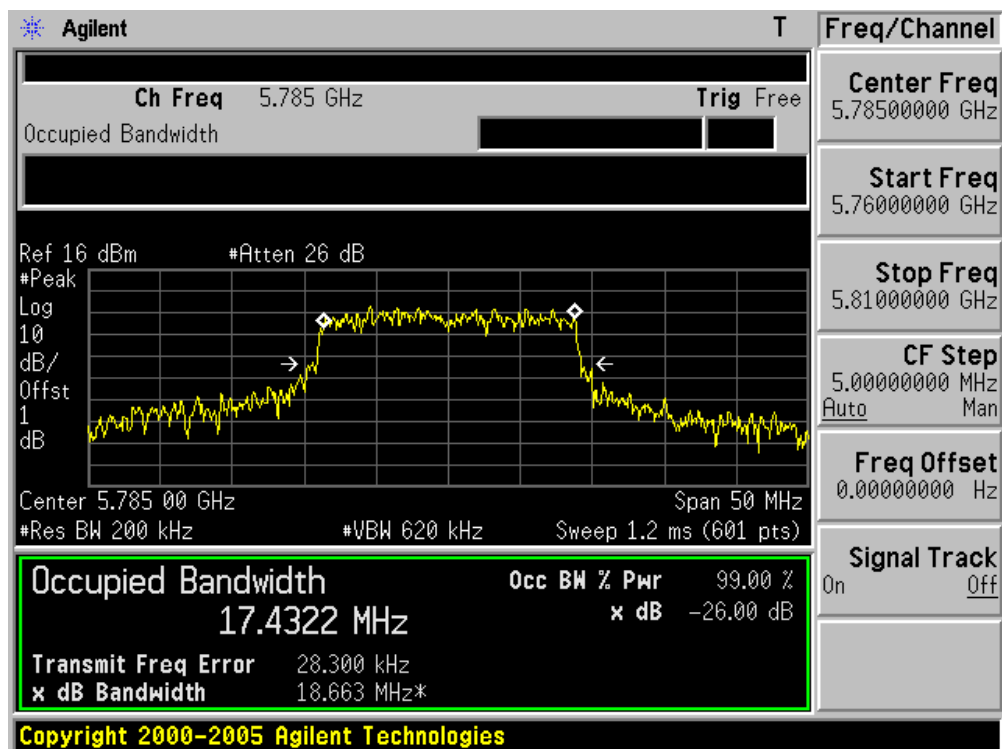
Channel 11 (2462MHz)



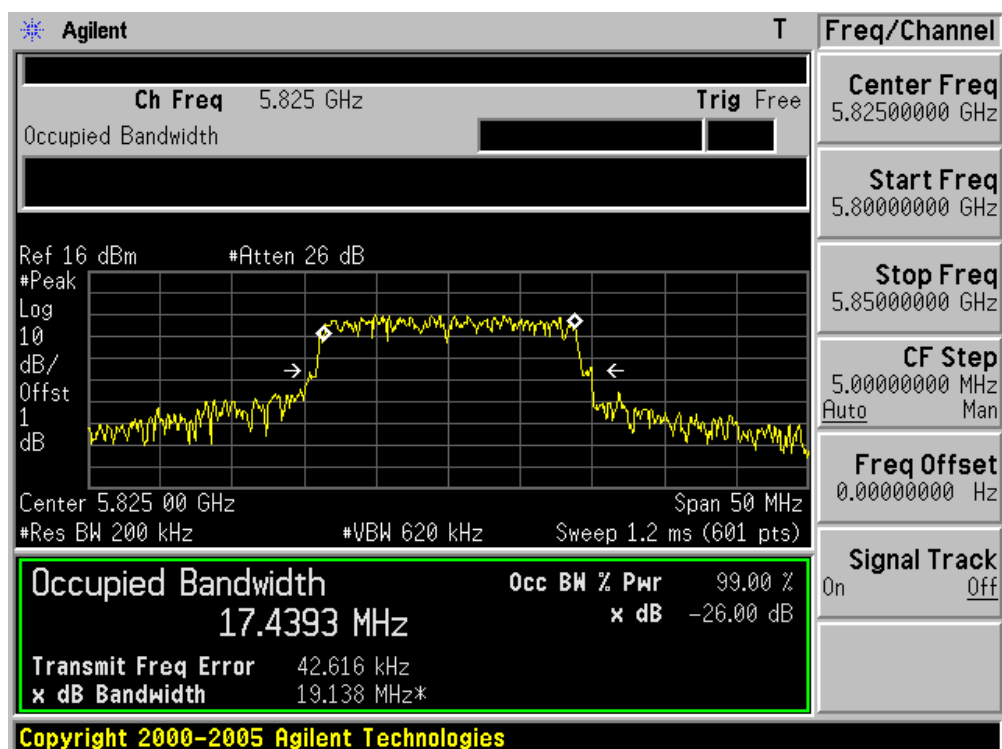
Channel 149 (5745MHz)



Channel 157 (5785MHz)



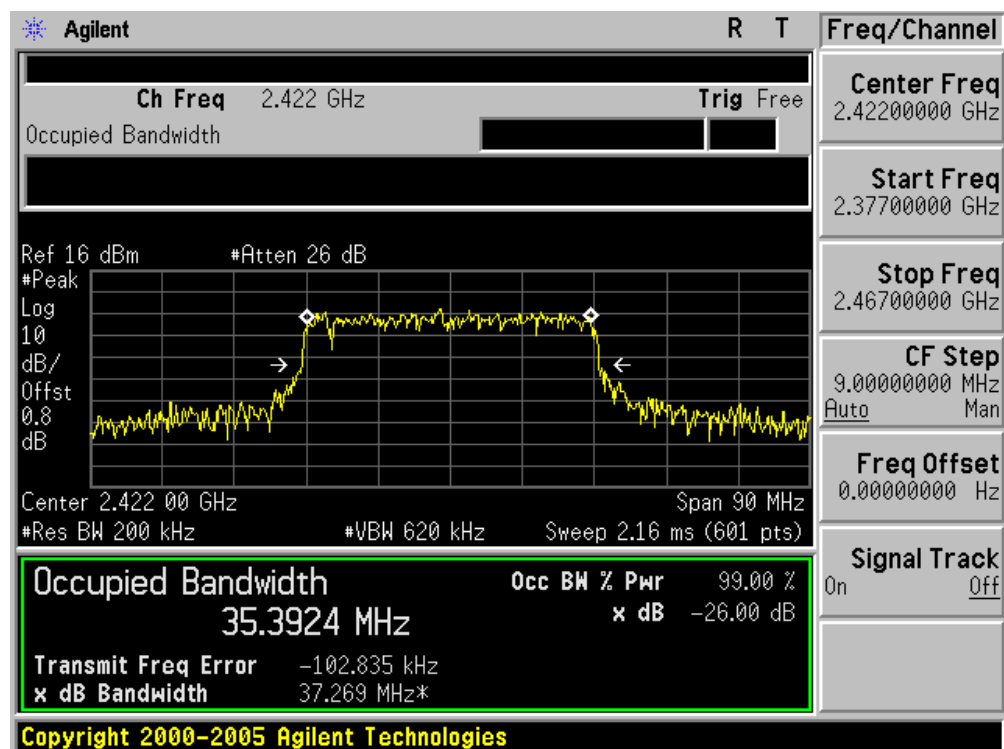
Channel 165 (5825MHz)



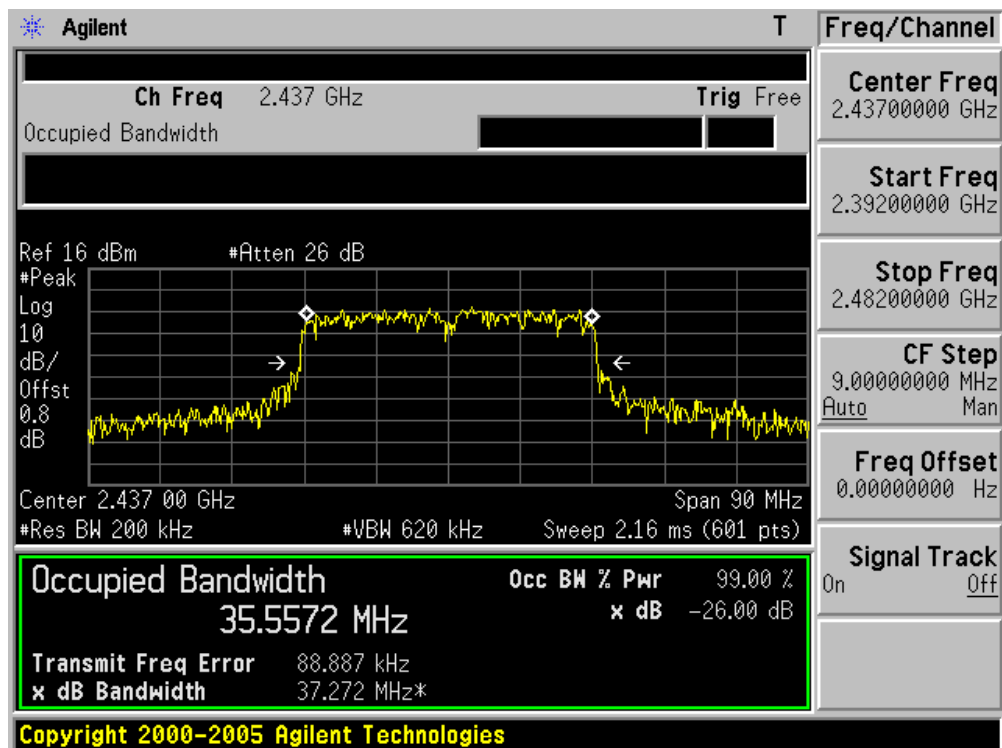
Product	:	Flip Share TV (Set Top Box)
Test Item	:	99% Occupied Bandwidth
Test Site	:	AC-6
Test Mode	:	Mode 5: Transmit by 802.11n (40MHz) (Chain 1)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)
03	2422	35.3924
06	2437	35.5572
09	2452	35.7162
151	5755	35.7632
159	5795	36.1012

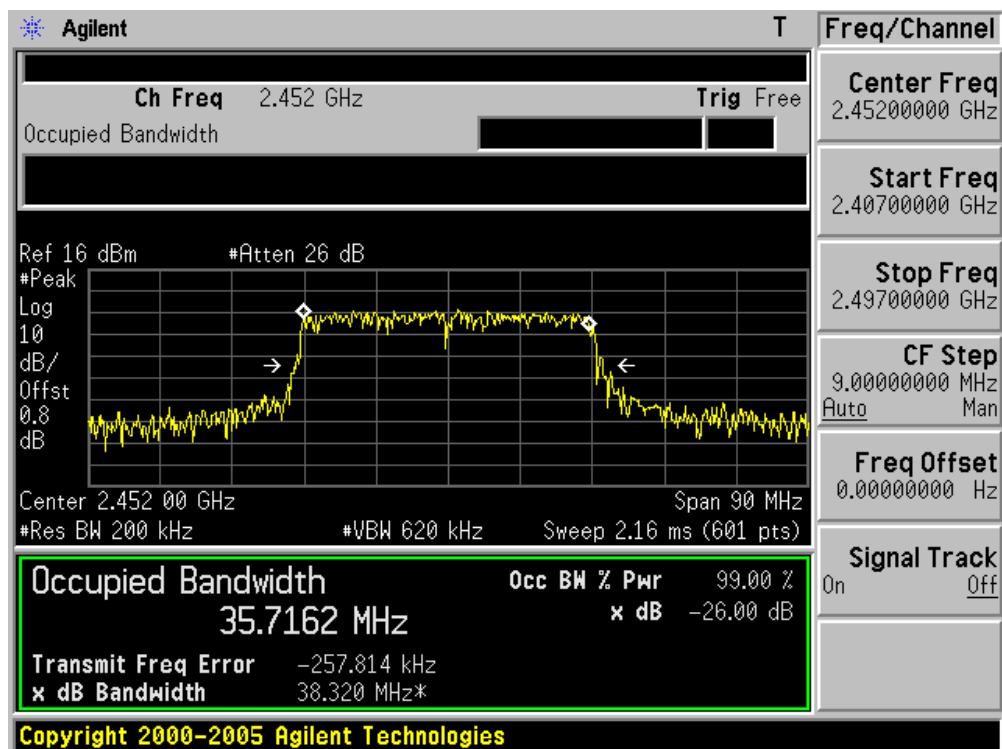
Channel 03 (2422MHz)



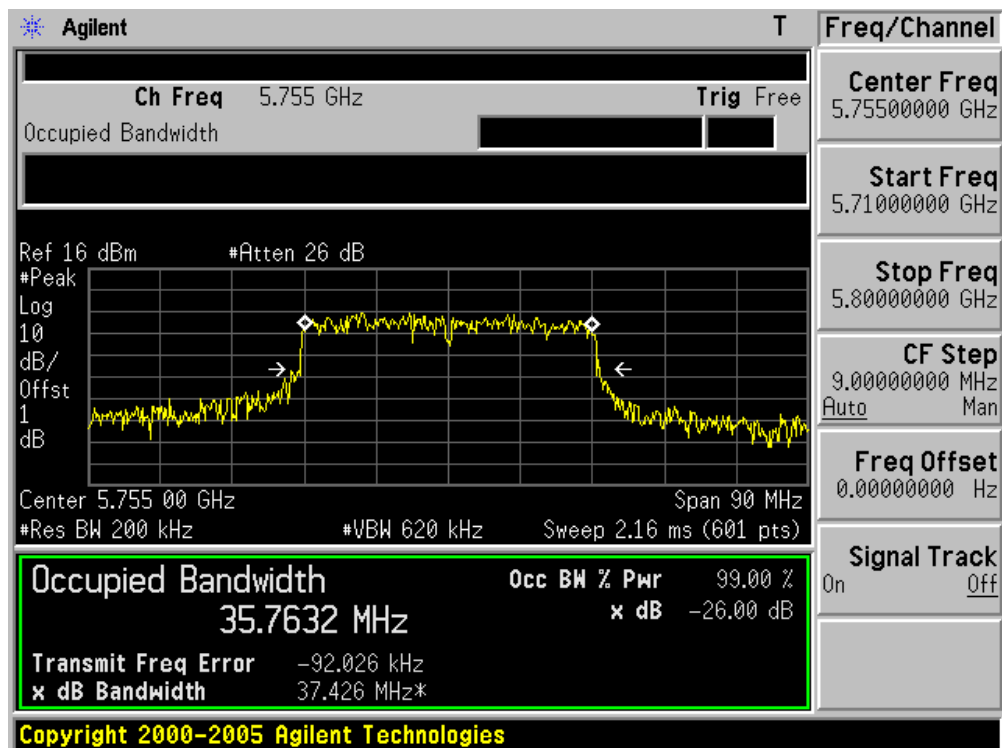
Channel 06 (2437MHz)



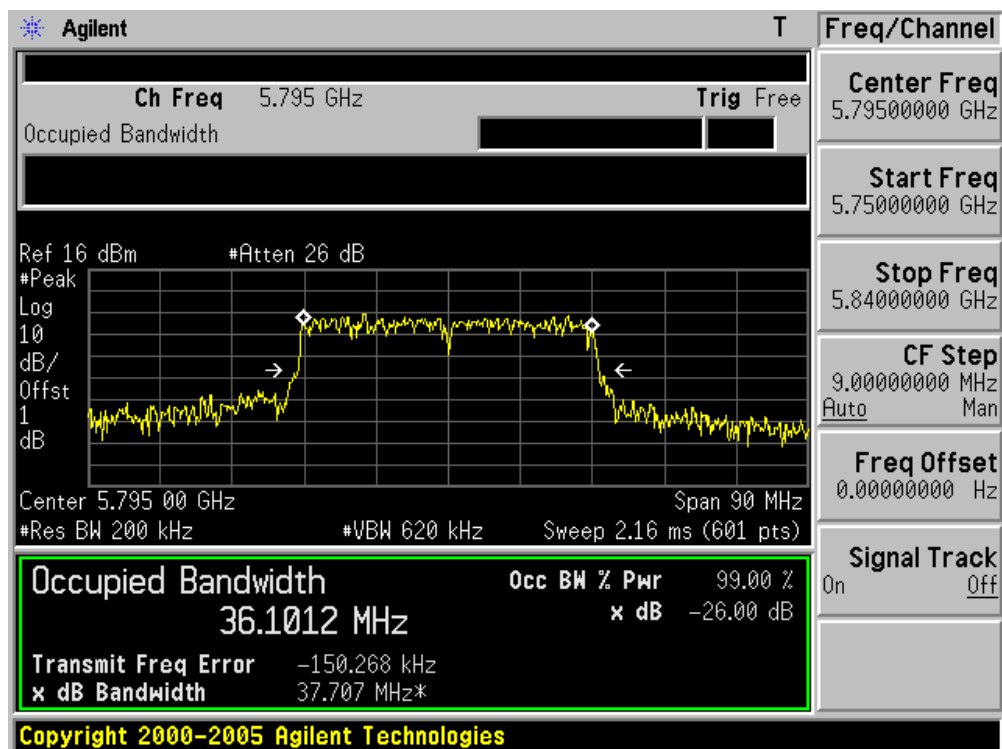
Channel 09 (2452MHz)



Channel 151 (5755MHz)



Channel 159 (5795MHz)



9. Power Output

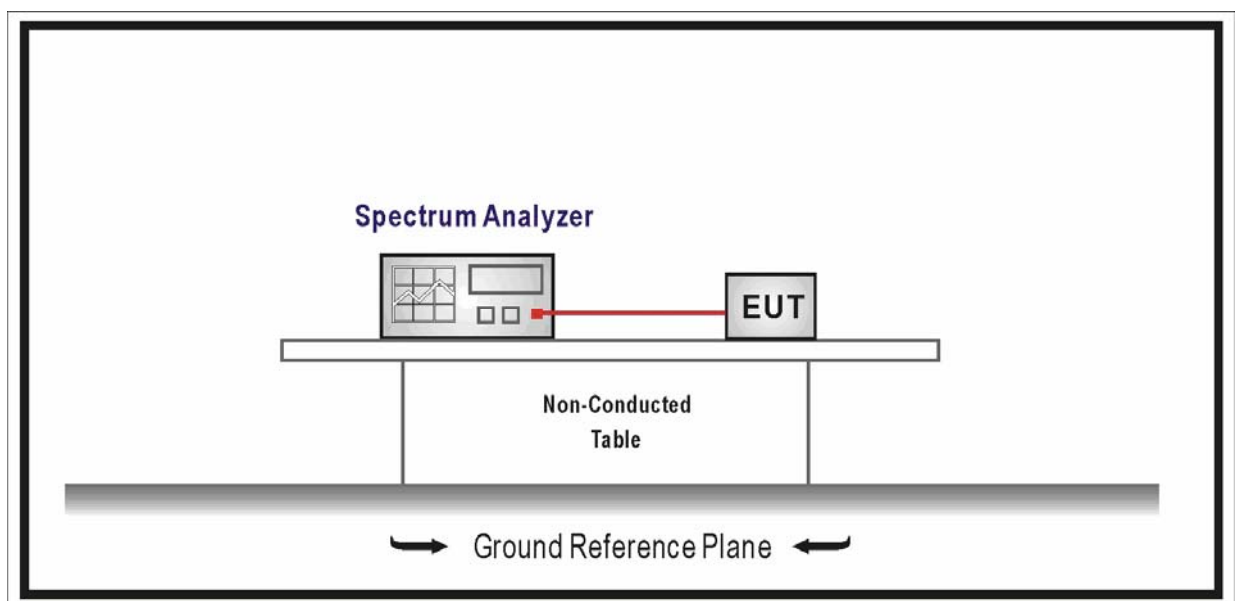
9.1. Test Equipment

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

Product	:	Flip Share TV (Set Top Box)
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)		Total Power (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
1	2412	19.41	N/A	19.41	30.00	Pass
6	2437	19.32	N/A	19.32	30.00	Pass
11	2462	19.17	N/A	19.17	30.00	Pass

Product	:	Flip Share TV (Set Top Box)
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)		Total Power (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
1	2412	19.62	N/A	19.62	30.00	Pass
6	2437	19.60	N/A	19.60	30.00	Pass
11	2462	19.46	N/A	19.46	30.00	Pass

Product	:	Flip Share TV (Set Top Box)
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)		Total Power (dBm)	Limit (dBm)	Result
		Chain A	Chain B			
149	5745	18.28	N/A	18.28	30.00	Pass
157	5785	17.35	N/A	17.35	30.00	Pass
165	5825	16.49	N/A	16.49	30.00	Pass

Product	:	Flip Share TV (Set Top Box)
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)		Total Power (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
1	2412	19.28	N/A	19.28	30.00	Pass
6	2437	19.58	N/A	19.58	30.00	Pass
11	2462	19.48	N/A	19.48	30.00	Pass
149	5745	17.59	N/A	17.59	30.00	Pass
157	5785	17.03	N/A	17.03	30.00	Pass
165	5825	16.48	N/A	16.48	30.00	Pass

Product	:	Flip Share TV (Set Top Box)
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)		Total Power (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
3	2422	19.84	N/A	19.84	30.00	Pass
6	2437	19.73	N/A	19.73	30.00	Pass
9	2452	19.58	N/A	19.58	30.00	Pass
151	5755	17.69	N/A	17.69	30.00	Pass
159	5795	16.90	N/A	16.90	30.00	Pass

Product	:	Flip Share TV (Set Top Box)
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)		Total Power (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
1	2412	N/A	19.51	19.51	30.00	Pass
6	2437	N/A	19.66	19.66	30.00	Pass
11	2462	N/A	18.80	18.80	30.00	Pass

Product	:	Flip Share TV (Set Top Box)
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)		Total Power (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
1	2412	N/A	19.83	19.83	30.00	Pass
6	2437	N/A	20.17	20.17	30.00	Pass
11	2462	N/A	19.13	19.13	30.00	Pass

Product	:	Flip Share TV (Set Top Box)
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)		Total Power (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
149	5745	N/A	17.61	17.61	30.00	Pass
157	5785	N/A	17.45	17.45	30.00	Pass
165	5825	N/A	16.24	16.24	30.00	Pass

Product	:	Flip Share TV (Set Top Box)
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)		Total Power (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
1	2412	N/A	19.85	19.85	30.00	Pass
6	2437	N/A	20.14	20.14	30.00	Pass
11	2462	N/A	18.90	18.90	30.00	Pass
149	5745	N/A	17.12	17.12	30.00	Pass
157	5785	N/A	17.09	17.09	30.00	Pass
165	5825	N/A	16.02	16.02	30.00	Pass

Product	:	Flip Share TV (Set Top Box)
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)		Total Power (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
3	2422	N/A	19.71	19.71	30.00	Pass
6	2437	N/A	19.82	19.82	30.00	Pass
9	2452	N/A	20.20	20.20	30.00	Pass
151	5755	N/A	16.89	16.89	30.00	Pass
159	5795	N/A	16.87	16.87	30.00	Pass

Product	:	Flip Share TV (Set Top Box)
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)		Total Power (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
1	2412	18.95	19.48	22.23	30.00	Pass
6	2437	18.98	19.72	22.38	30.00	Pass
11	2462	19.04	18.56	21.82	30.00	Pass
149	5745	17.26	16.57	19.94	30.00	Pass
157	5785	16.71	16.60	19.67	30.00	Pass
165	5825	16.17	15.60	22.23	30.00	Pass

Product	:	Flip Share TV (Set Top Box)
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)		Total Power (dBm)	Limit (dBm)	Result
		Chain A	Chain B			
3	2422	19.08	19.24	22.17	30.00	Pass
6	2437	18.97	19.61	22.31	30.00	Pass
9	2452	18.87	18.69	21.79	30.00	Pass
151	5755	17.72	16.98	20.38	30.00	Pass
159	5795	16.62	16.90	19.77	30.00	Pass

10. Power Spectral Density

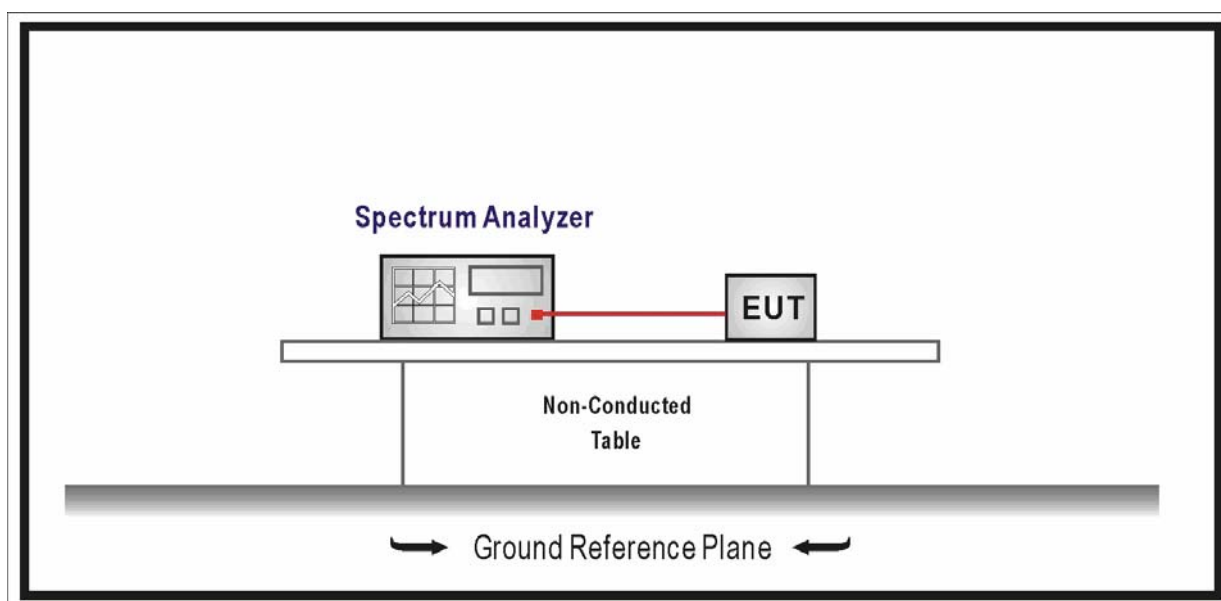
10.1. Test Equipment

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 $\cong$ 10 kHz, Sweep time=100s, Set detector=Peak detector.

10.5. Uncertainty

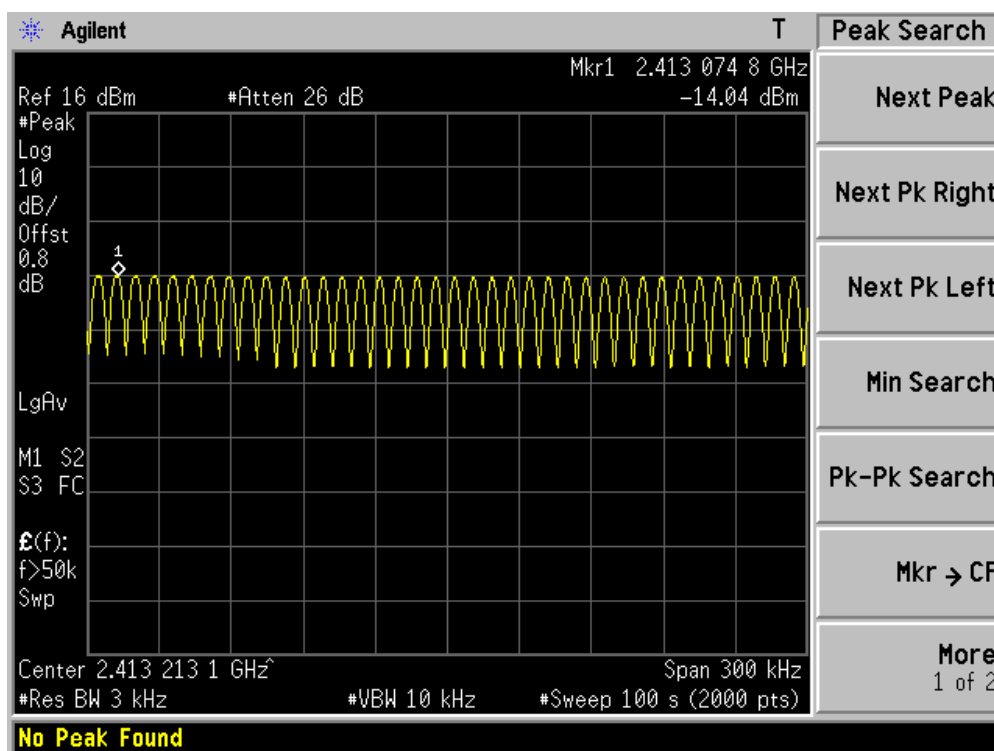
The measurement uncertainty is defined as ± 1.27 dB

10.6. Test Result

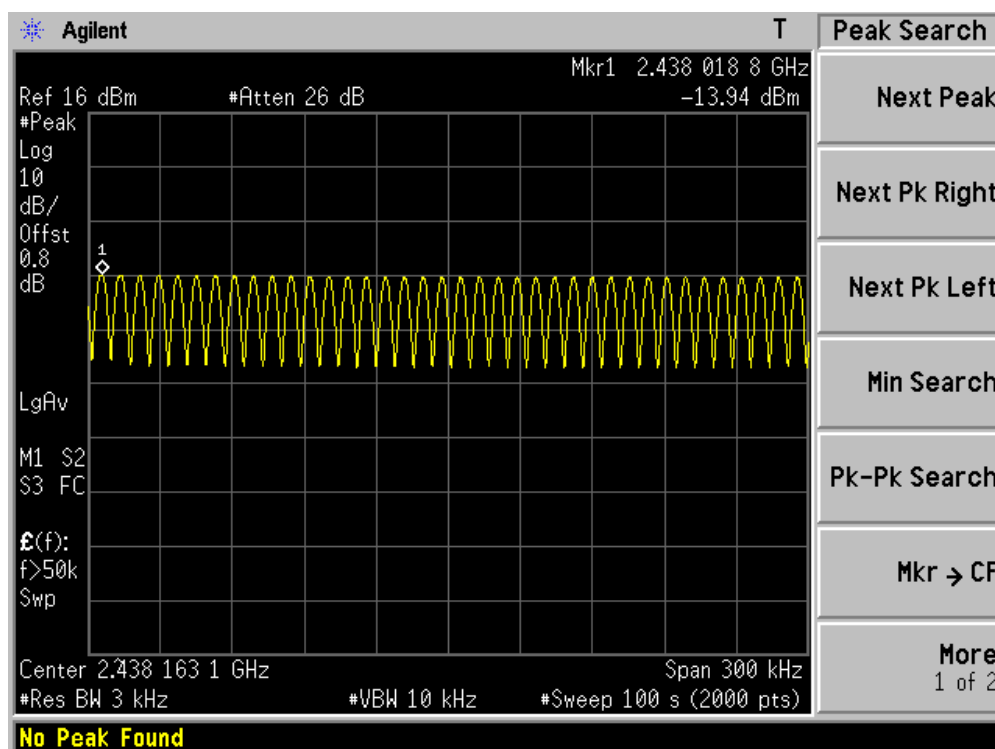
Product	:	Flip Share TV (Set Top Box)
Test Item	:	Power Spectral Density
Test Site	:	AC-6
Test Mode	:	Mode 1: Transmit by 802.11b (Chain 0)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
01	2412	-14.04	N/A	-14.04	8	Pass
06	2437	-13.94	N/A	-13.94	8	Pass
11	2462	-14.42	N/A	-14.42	8	Pass

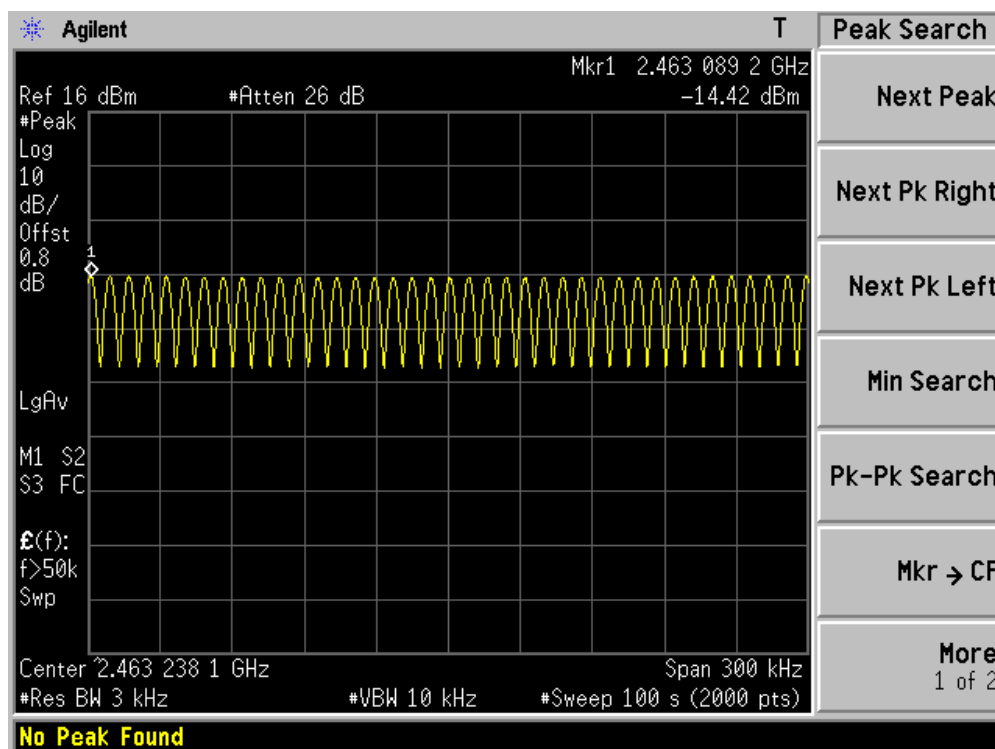
Channel 01 (2412MHz)



Channel 06 (2437MHz)



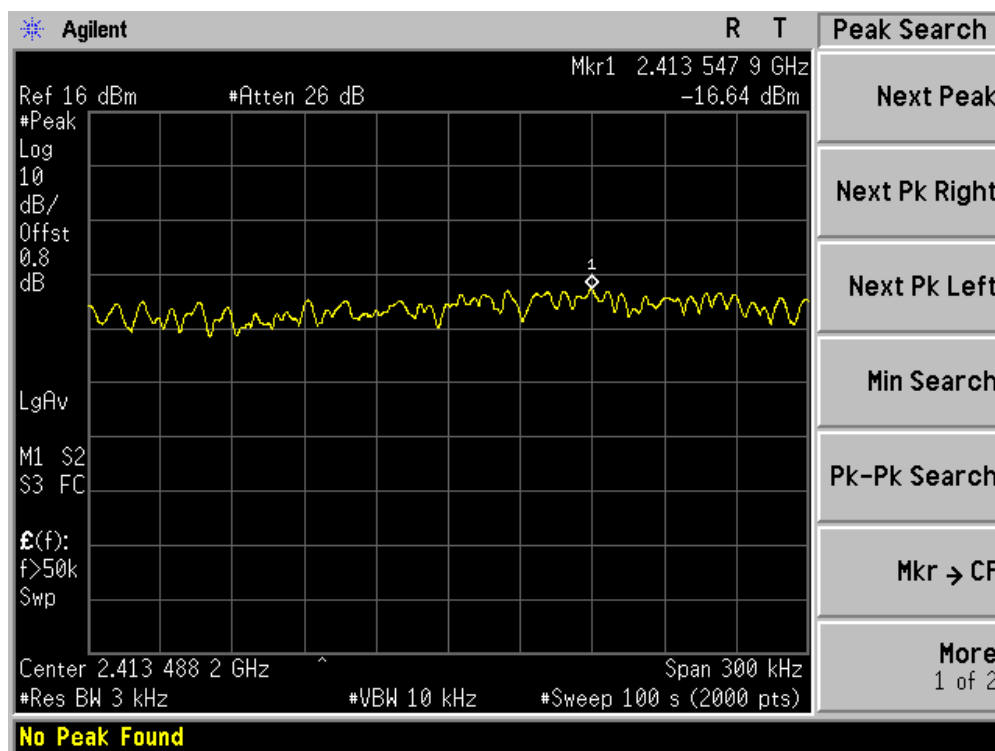
Channel 11 (2462MHz)



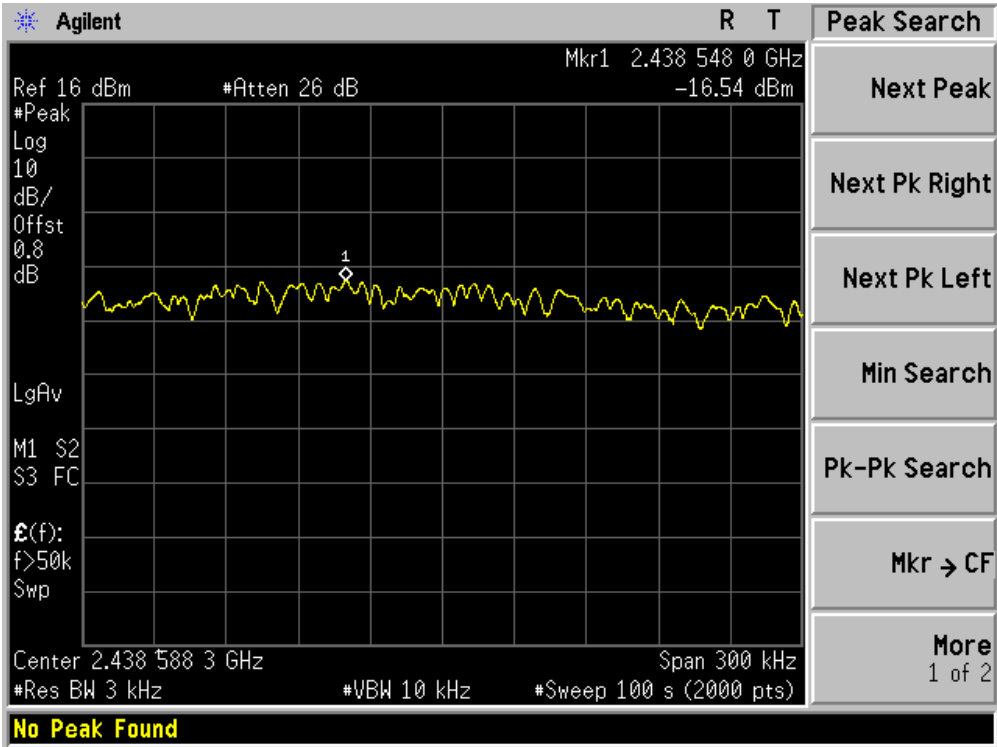
Product	:	Flip Share TV (Set Top Box)
Test Item	:	Power Spectral Density
Test Site	:	AC-6
Test Mode	:	Mode 2: Transmit by 802.11g (Chain 0)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
01	2412	-16.64	N/A	-16.64	8	Pass
06	2437	-16.54	N/A	-16.54	8	Pass
11	2462	-16.69	N/A	-16.69	8	Pass

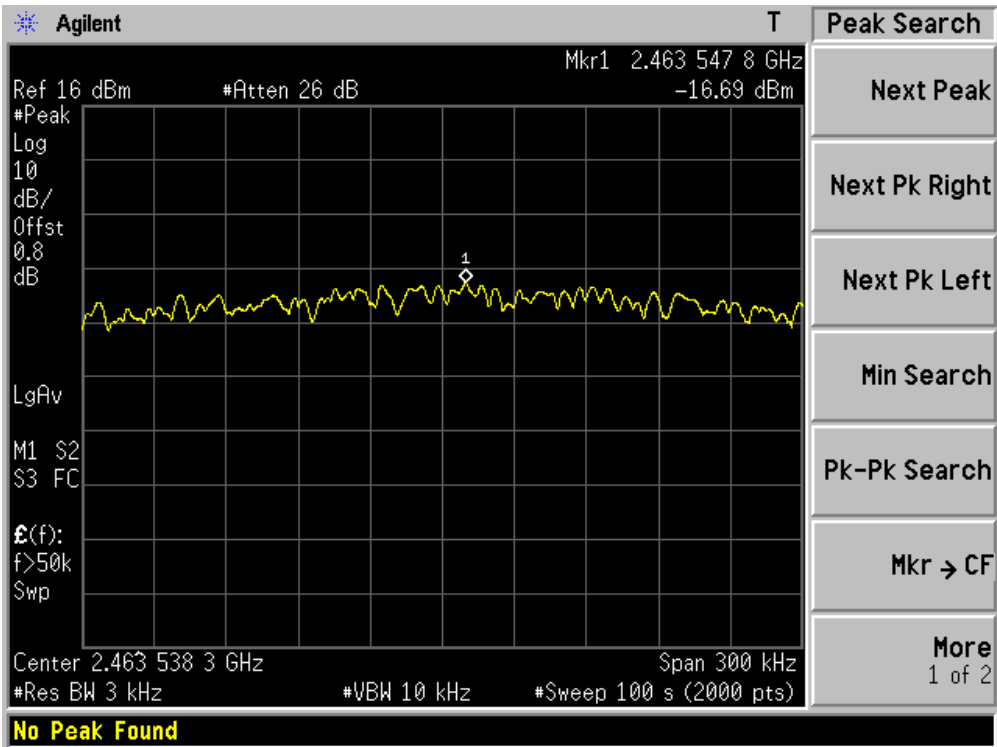
Channel 01 (2412MHz)



Channel 06 (2437MHz)



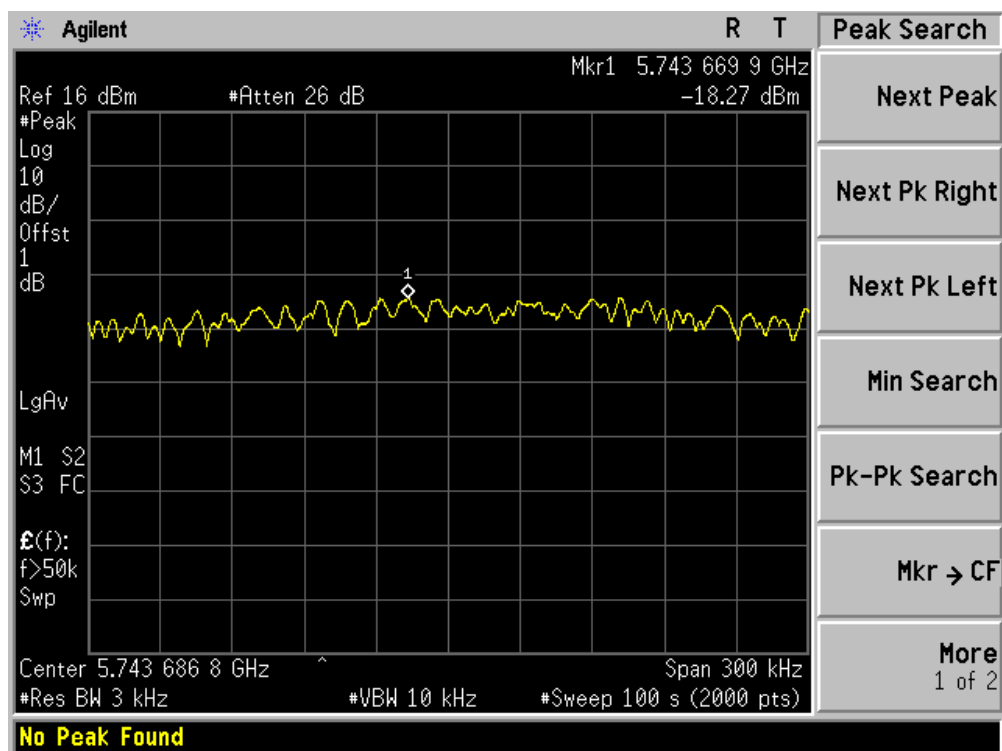
Channel 11 (2462MHz)



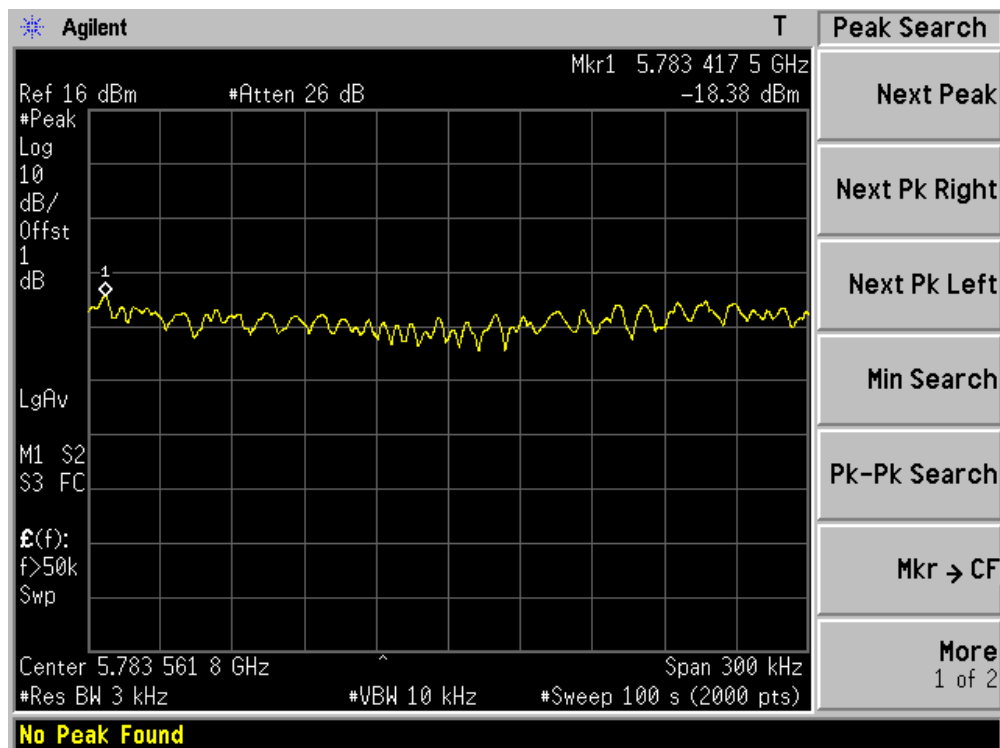
Product	:	Flip Share TV (Set Top Box)
Test Item	:	Power Spectral Density
Test Site	:	AC-6
Test Mode	:	Mode 3: Transmit by 802.11a (Chain 0)

Channel No.	Frequency (MHz)	Measurement PPSP (dBm)		Total PPSP (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
149	5745	-18.27	N/A	-18.27	8	Pass
157	5785	-18.38	N/A	-18.38	8	Pass
165	5825	-20.32	N/A	-20.32	8	Pass

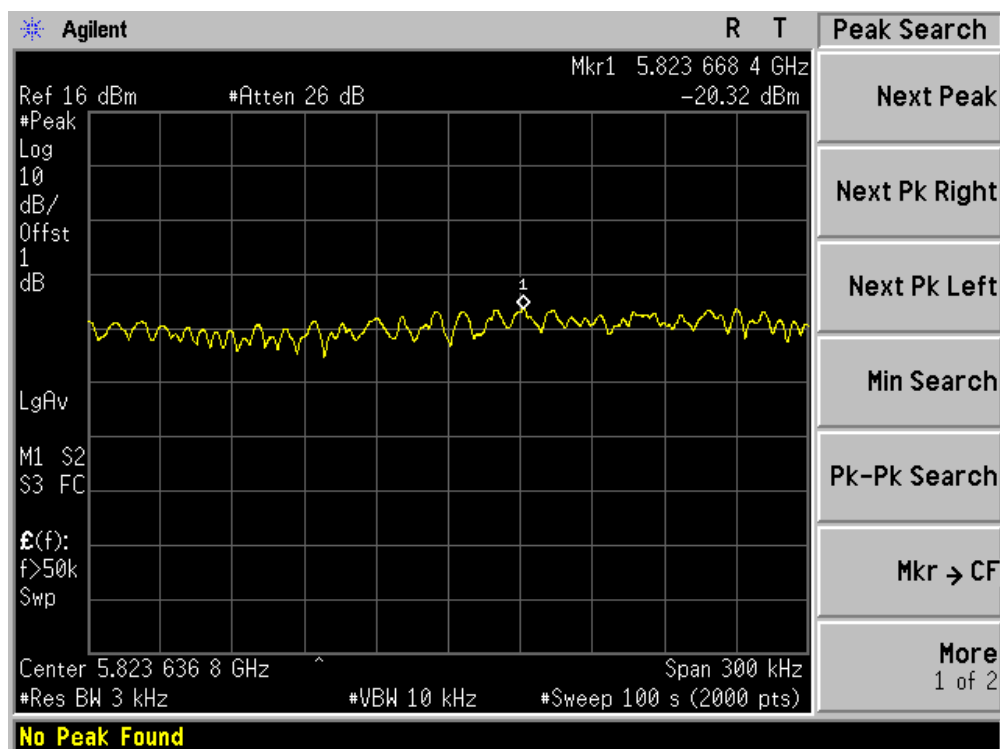
Channel 149 (5745MHz)



Channel 157 (5785MHz)



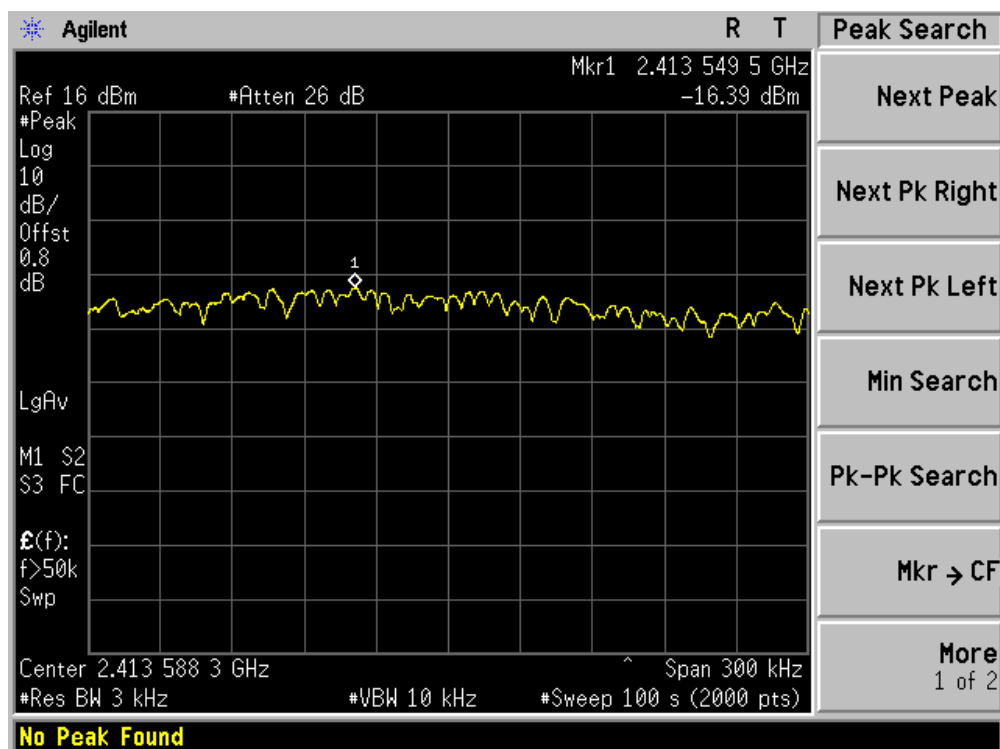
Channel 165 (5825MHz)



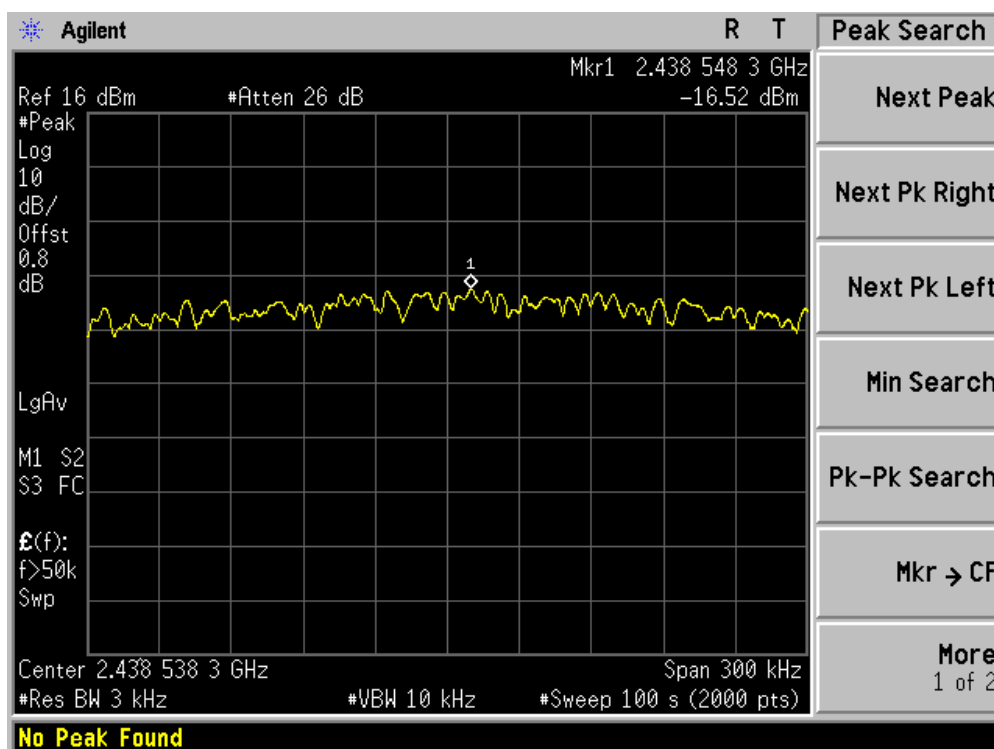
Product	:	Flip Share TV (Set Top Box)
Test Item	:	Power Spectral Density
Test Site	:	AC-6
Test Mode	:	Mode 4: Transmit by 802.11n (20MHz) (Chain 0)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
01	2412	-16.39	N/A	-16.39	8	Pass
06	2437	-16.52	N/A	-16.52	8	Pass
11	2462	-16.73	N/A	-16.73	8	Pass
149	5745	-18.00	N/A	-18.00	8	Pass
157	5785	-17.03	N/A	-17.03	8	Pass
165	5825	-18.02	N/A	-18.02	8	Pass

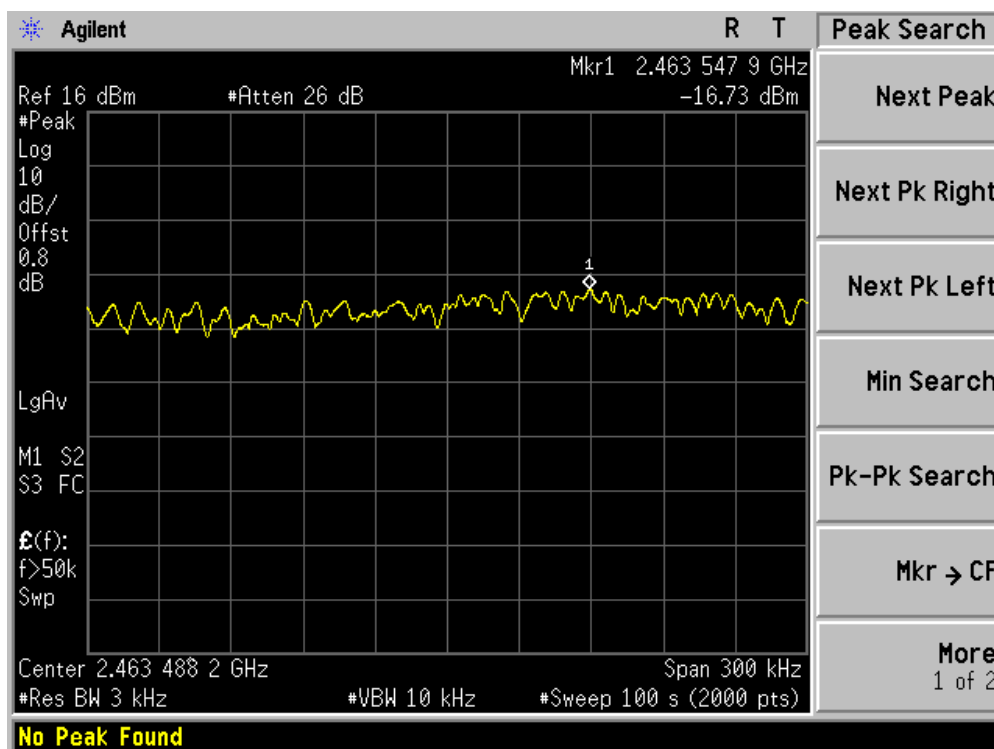
Channel 01 (2412MHz)



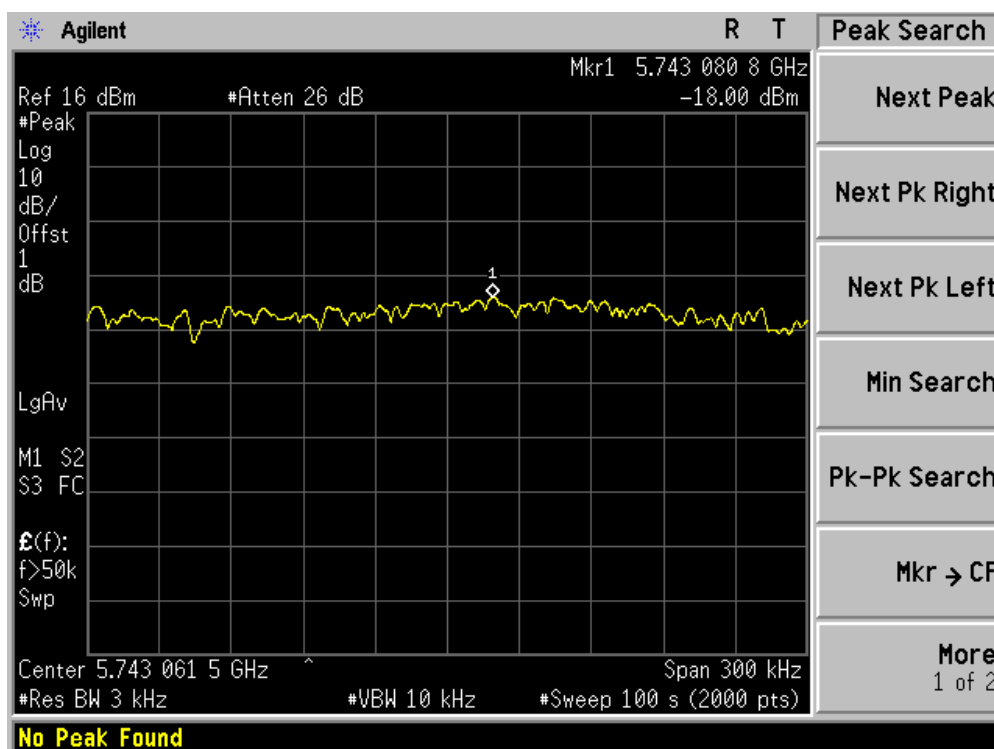
Channel 06 (2437MHz)



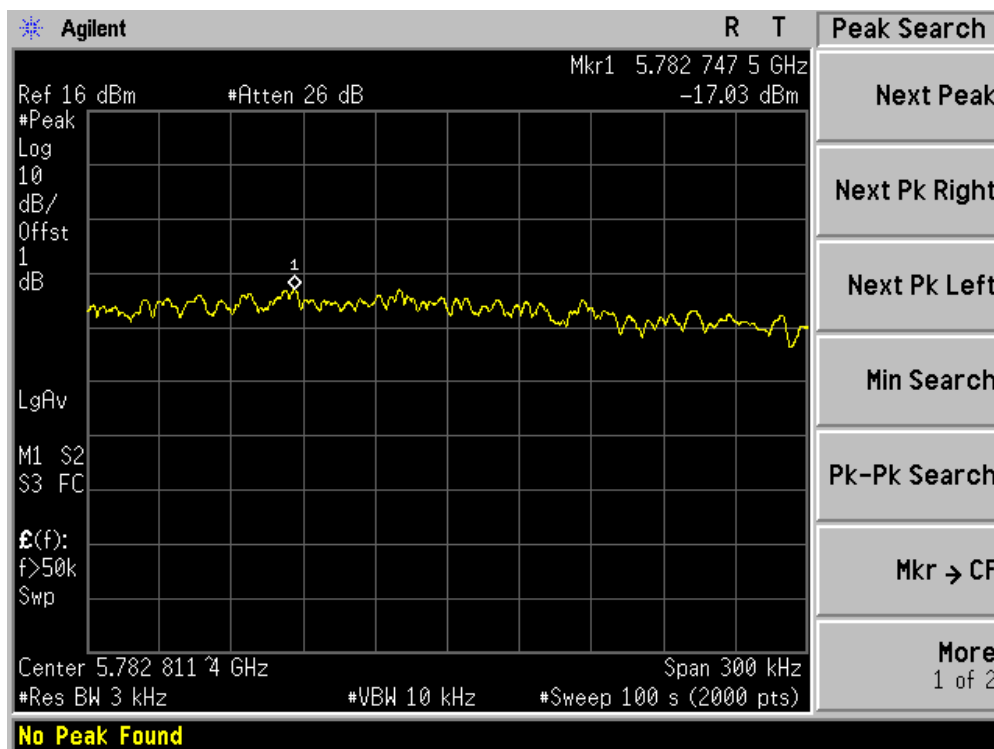
Channel 11 (2462MHz)



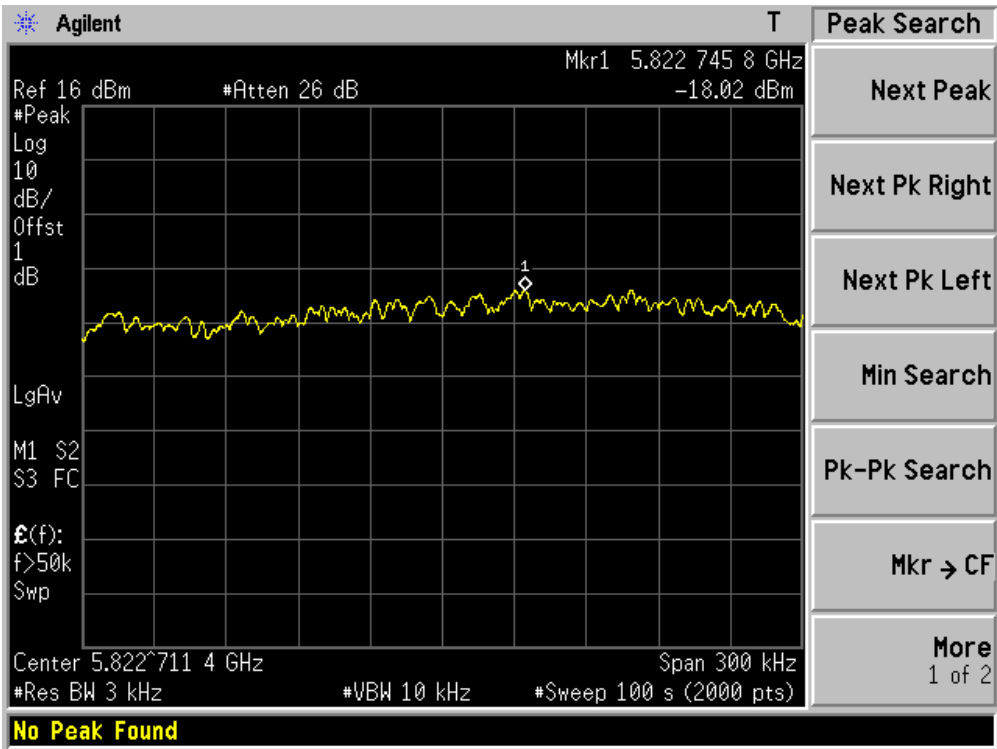
Channel 149 (5745MHz)



Channel 157 (5785MHz)



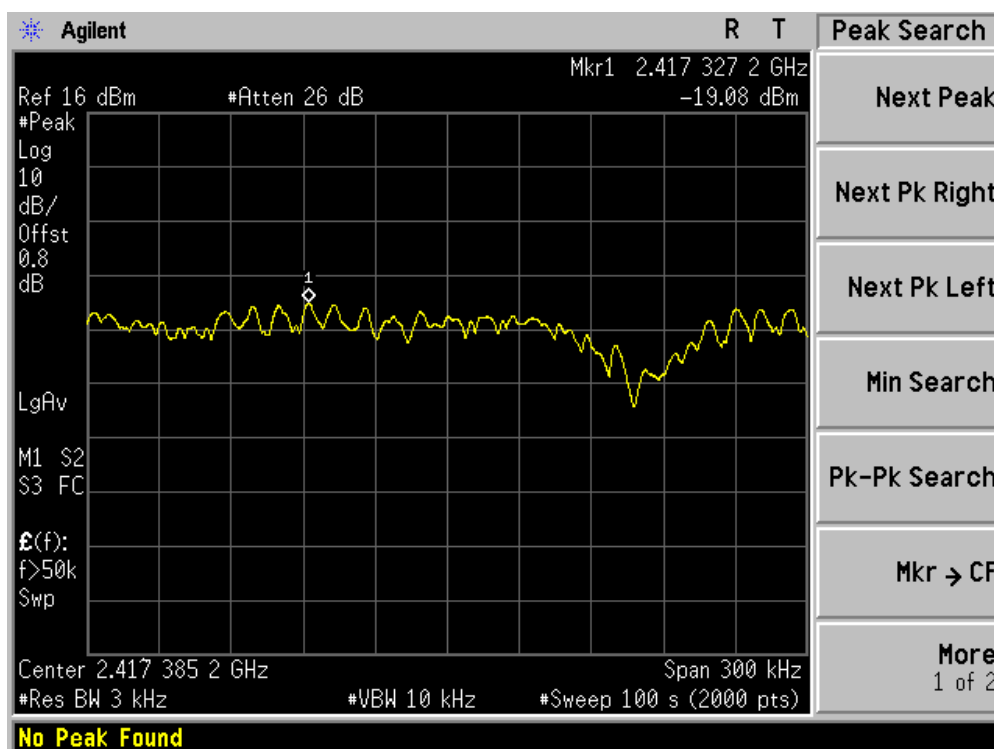
Channel 165 (5825MHz)



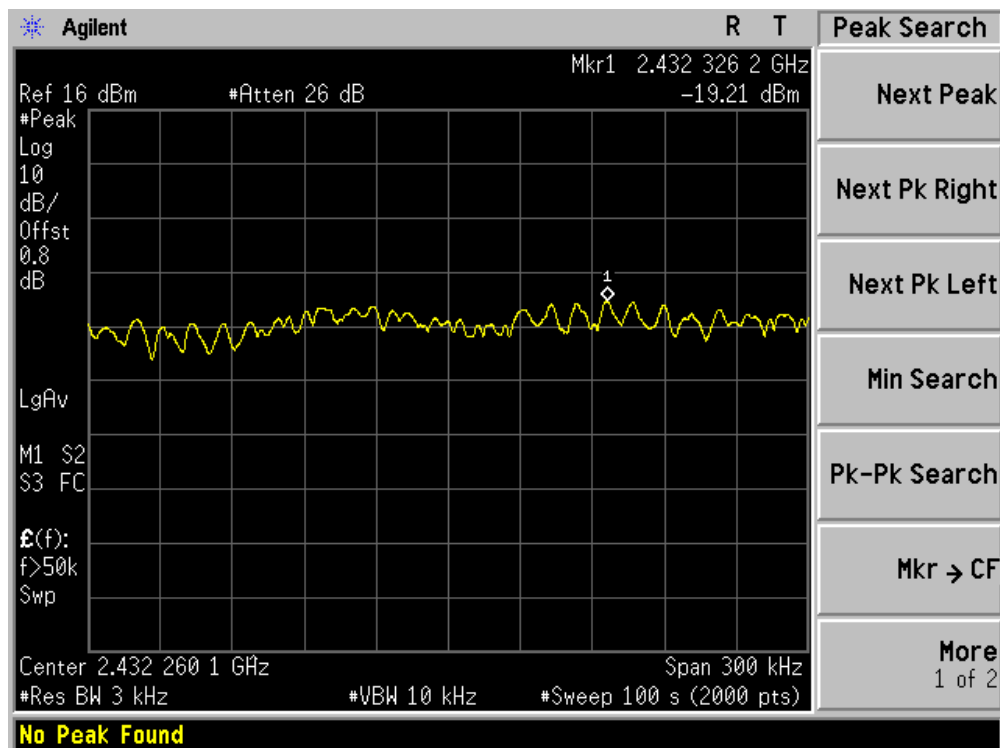
Product	:	Flip Share TV (Set Top Box)
Test Item	:	Power Spectral Density
Test Site	:	AC-6
Test Mode	:	Mode 5: Transmit by 802.11n (40MHz) (Chain 0)

Channel No.	Frequency (MHz)	Measurement PPSP (dBm)		Total PPSP (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
03	2422	-19.08	N/A	-19.08	8	Pass
06	2437	-19.21	N/A	-19.21	8	Pass
09	2452	-19.32	N/A	-19.32	8	Pass
151	5755	-17.98	N/A	-17.98	8	Pass
159	5795	-17.81	N/A	-17.81	8	Pass

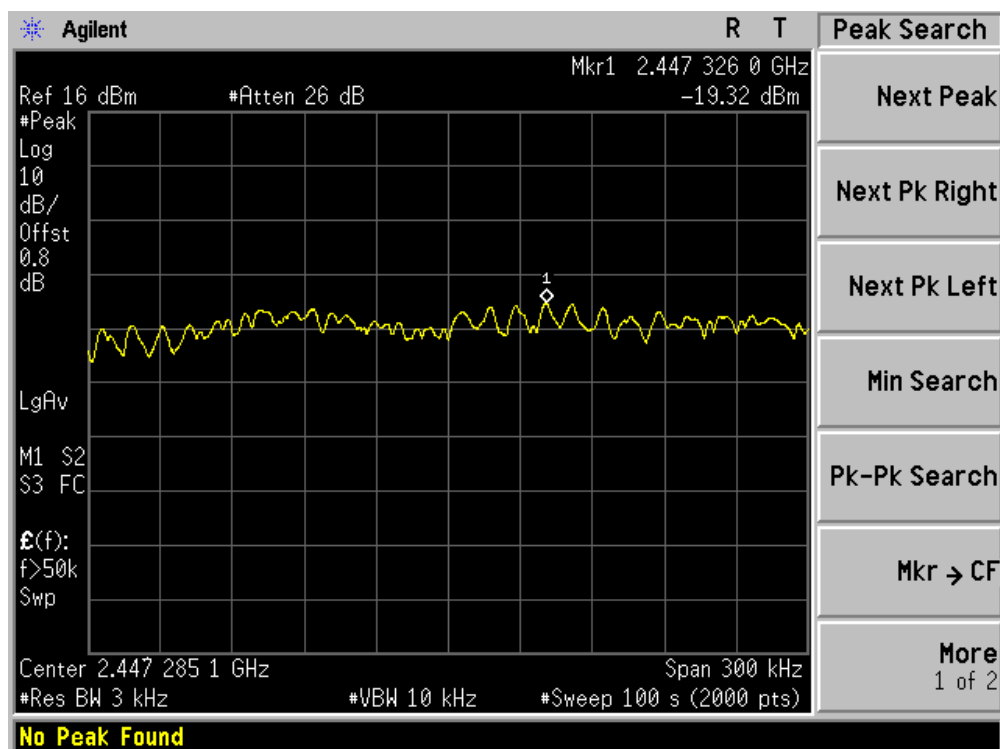
Channel 03 (2422MHz)



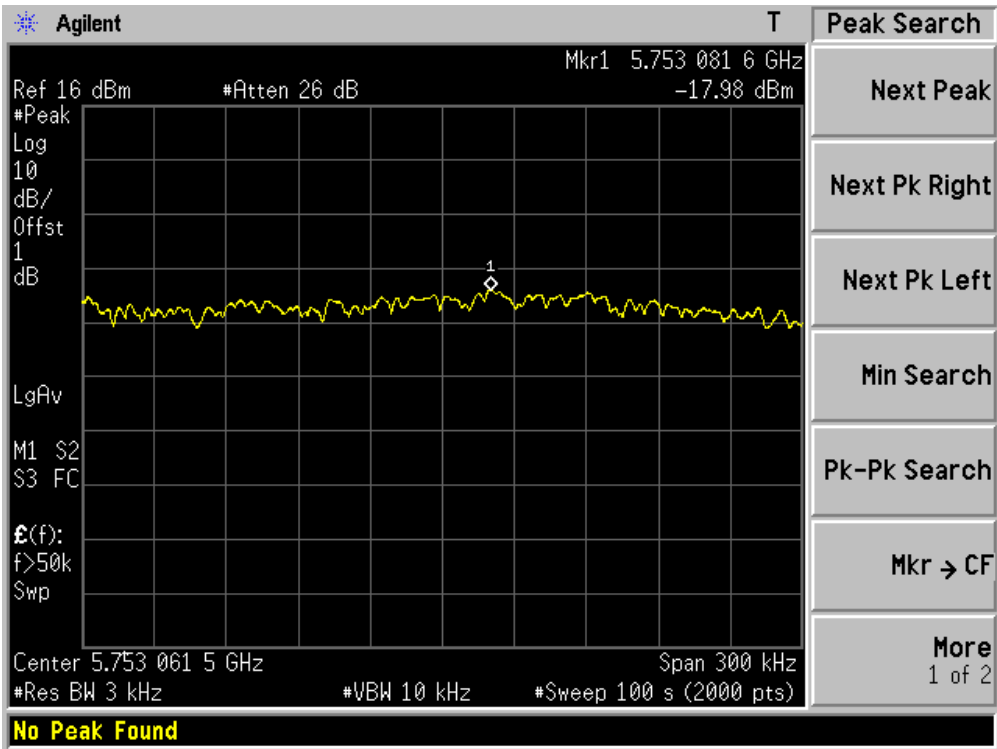
Channel 06 (2437MHz)



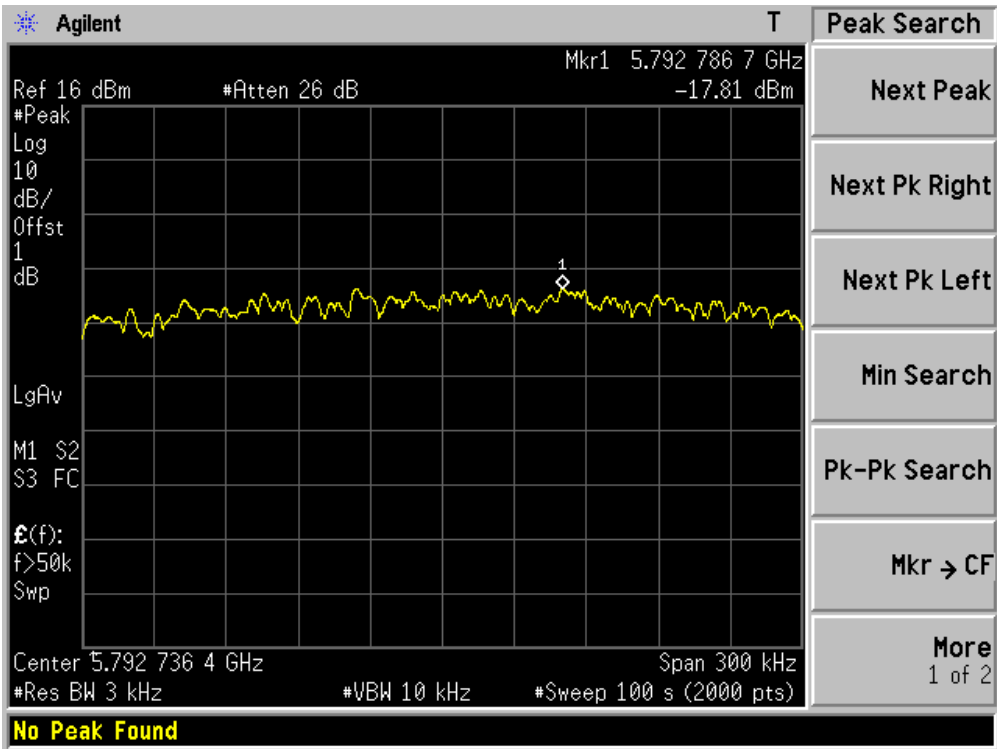
Channel 09 (2452MHz)



Channel 151 (5755MHz)



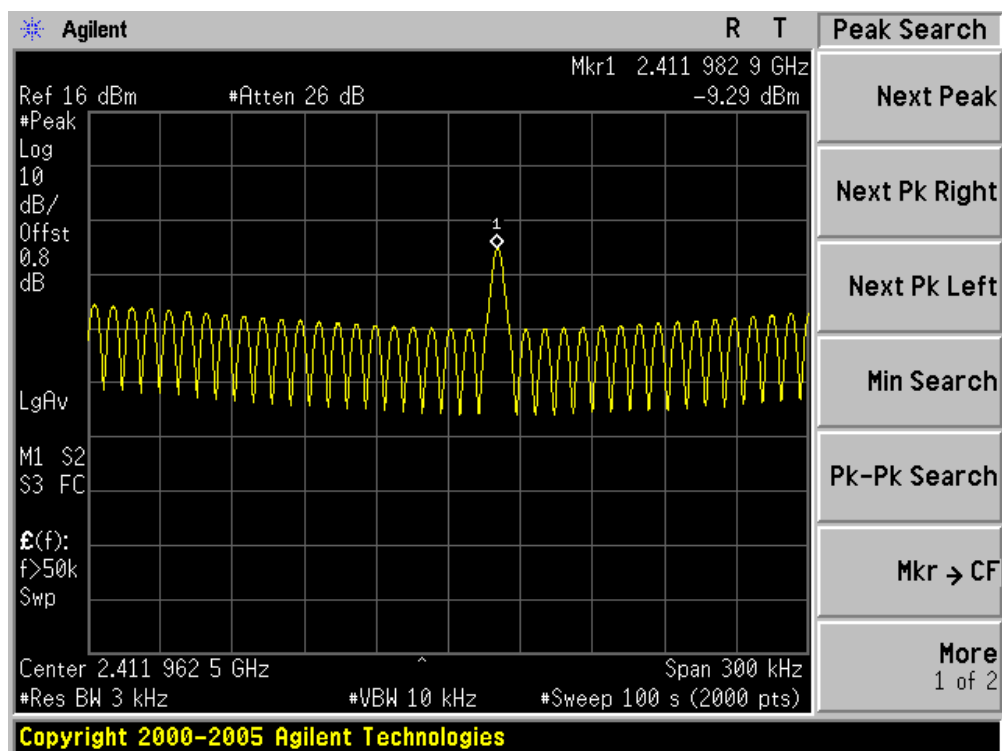
Channel 159 (5795MHz)



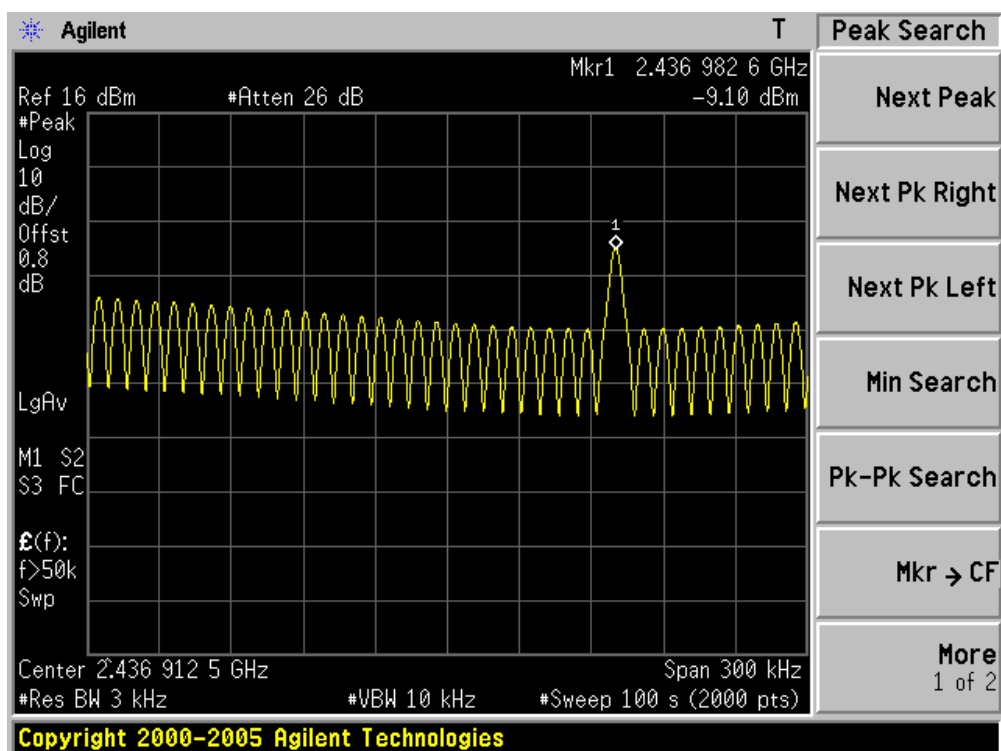
Product	:	Flip Share TV (Set Top Box)
Test Item	:	Power Spectral Density
Test Site	:	AC-6
Test Mode	:	Mode 1: Transmit by 802.11b (Chain 1)

Channel No.	Frequency (MHz)	Measurement PPSP (dBm)		Total PPSP (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
01	2412	N/A	-9.29	-9.29	8	Pass
06	2437	N/A	-9.10	-9.10	8	Pass
11	2462	N/A	-9.89	-9.89	8	Pass

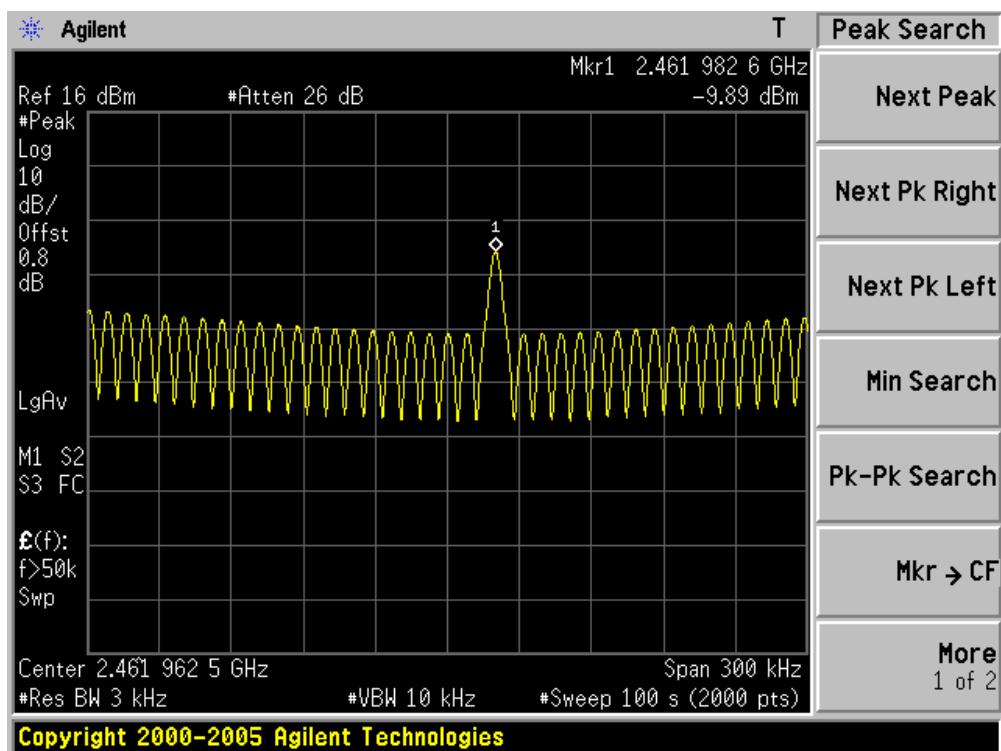
Channel 01 (2412MHz)



Channel 06 (2437MHz)



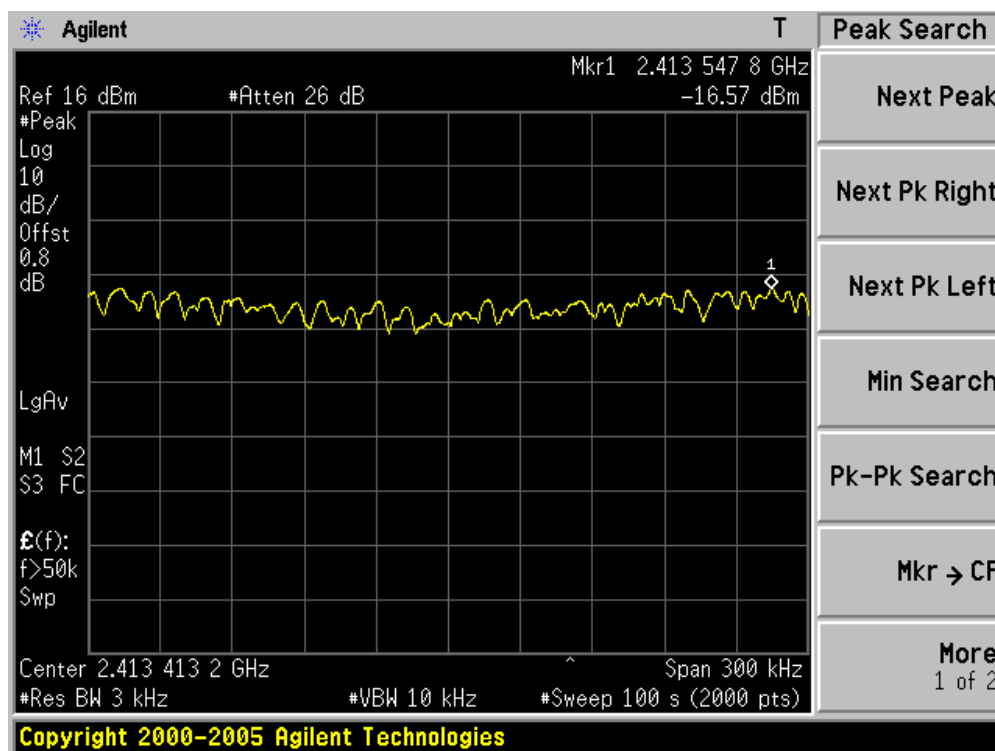
Channel 11 (2462MHz)



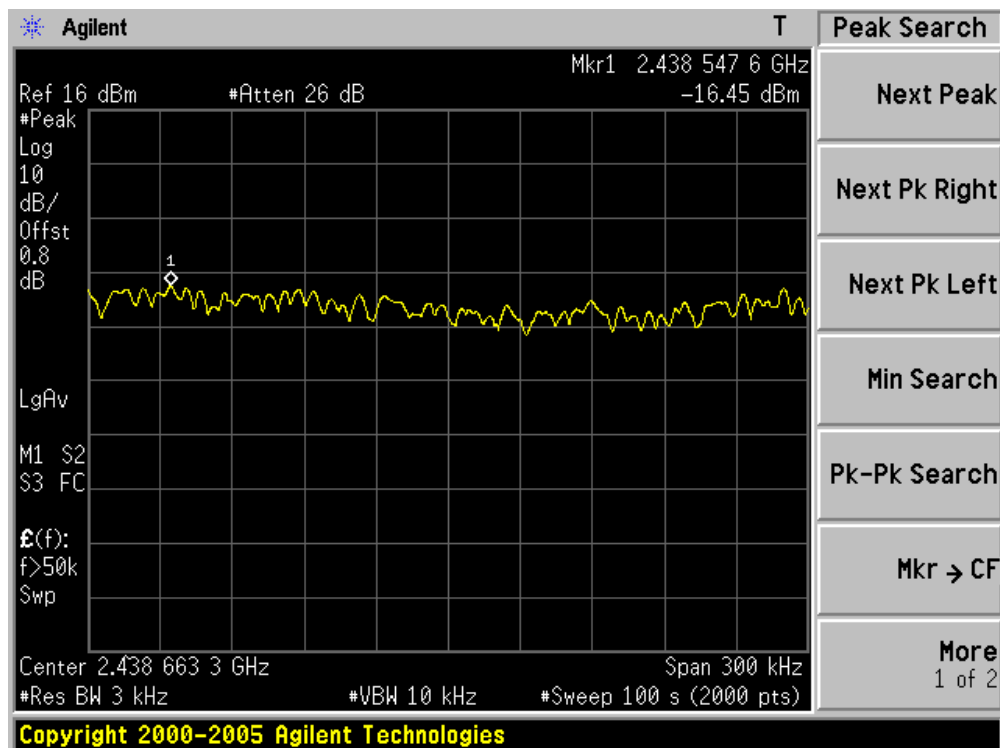
Product	:	Flip Share TV (Set Top Box)
Test Item	:	Power Spectral Density
Test Site	:	AC-6
Test Mode	:	Mode 2: Transmit by 802.11g (Chain 1)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
01	2412	N/A	-16.57	-16.57	8	Pass
06	2437	N/A	-16.45	-16.45	8	Pass
11	2462	N/A	-17.92	-17.92	8	Pass

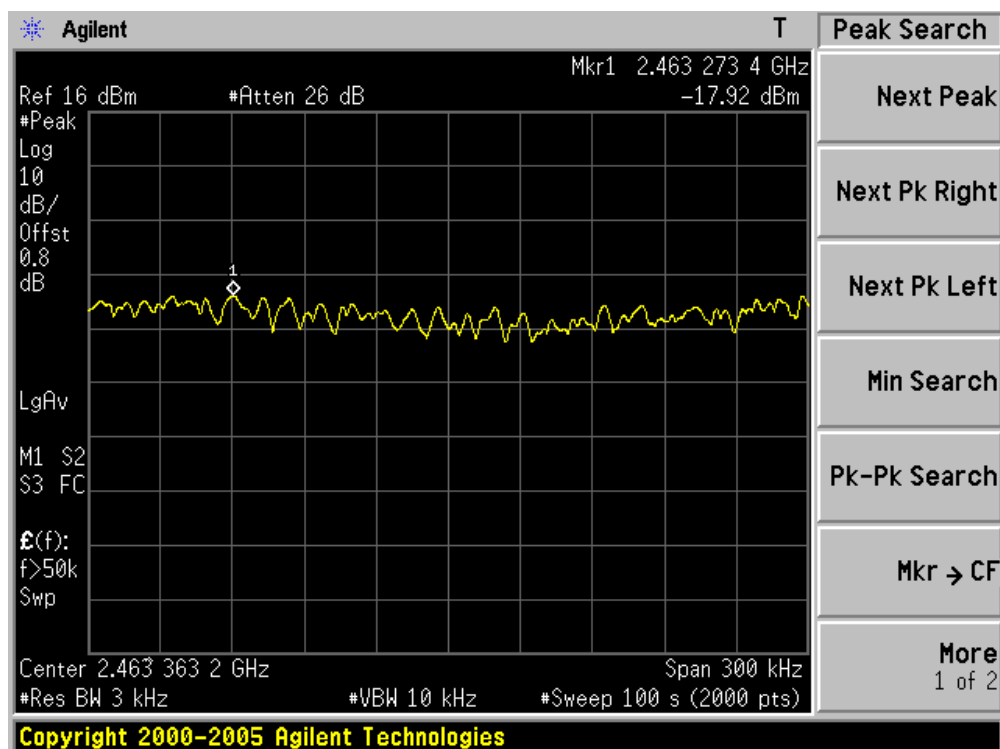
Channel 01 (2412MHz)



Channel 06 (2437MHz)



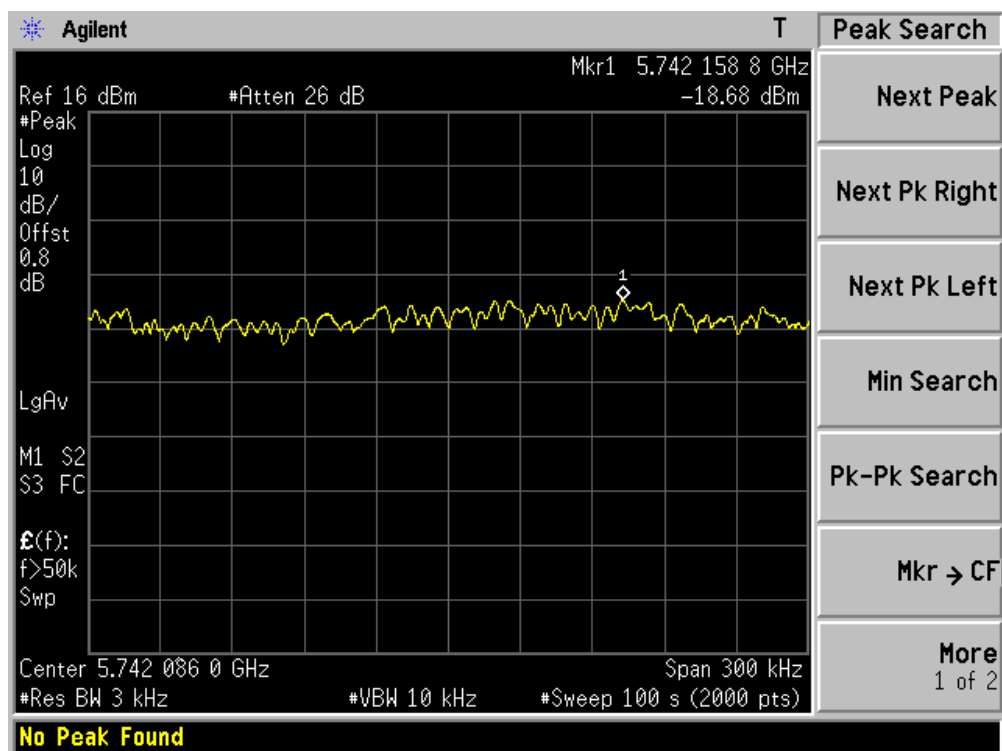
Channel 11 (2462MHz)



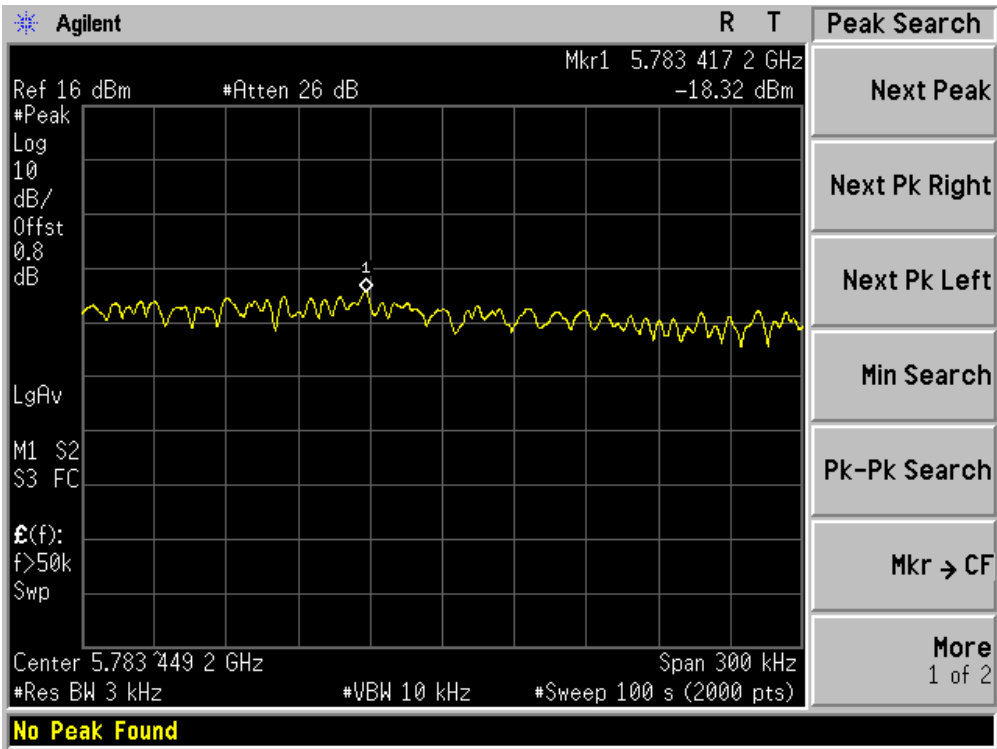
Product	:	Flip Share TV (Set Top Box)
Test Item	:	Power Spectral Density
Test Site	:	AC-6
Test Mode	:	Mode 3: Transmit by 802.11a (Chain 1)

Channel No.	Frequency (MHz)	Measurement PPSP (dBm)		Total PPSP (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
149	5745	N/A	-18.68	-18.68	8	Pass
157	5785	N/A	-18.32	-18.32	8	Pass
165	5825	N/A	-19.88	-19.88	8	Pass

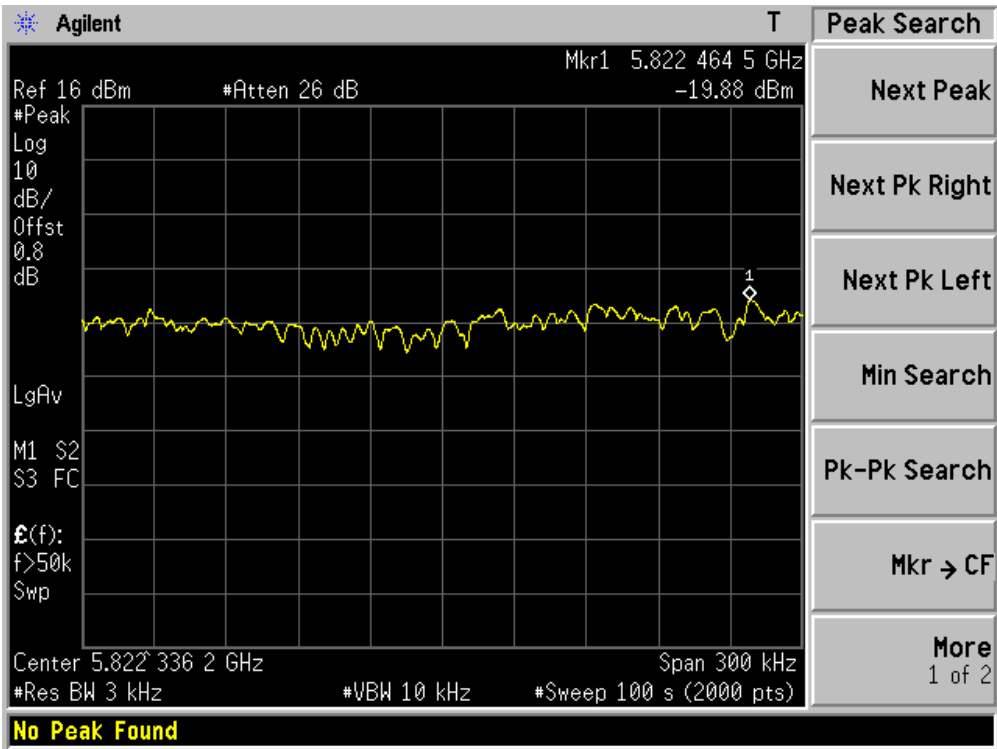
Channel 149 (5745MHz)



Channel 157 (5785MHz)



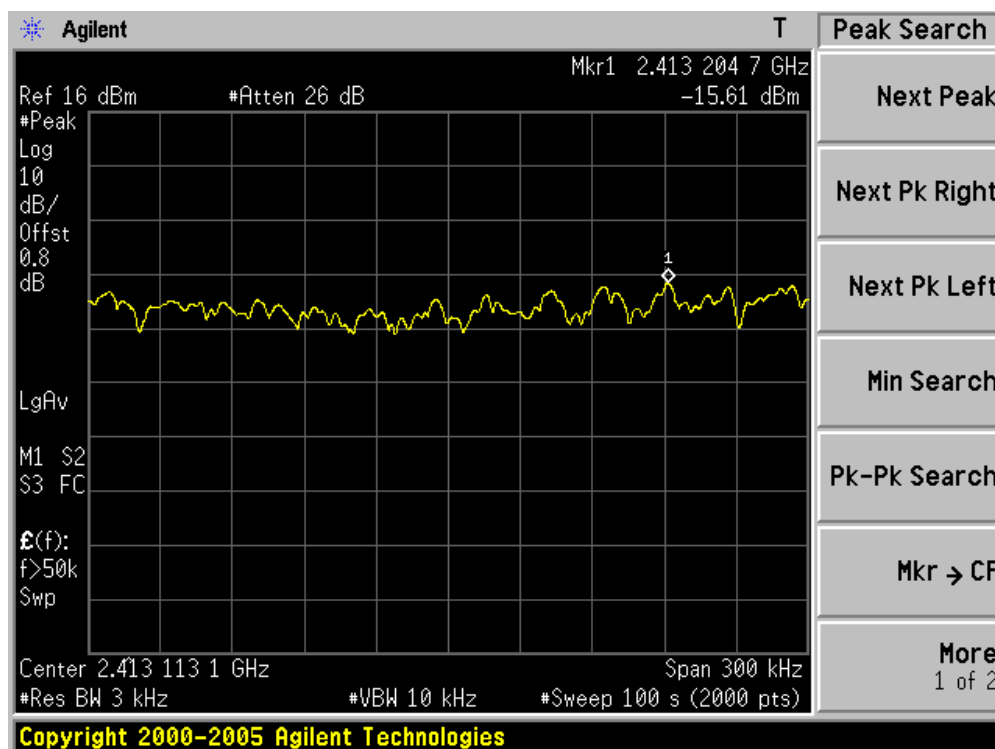
Channel 165 (5825MHz)



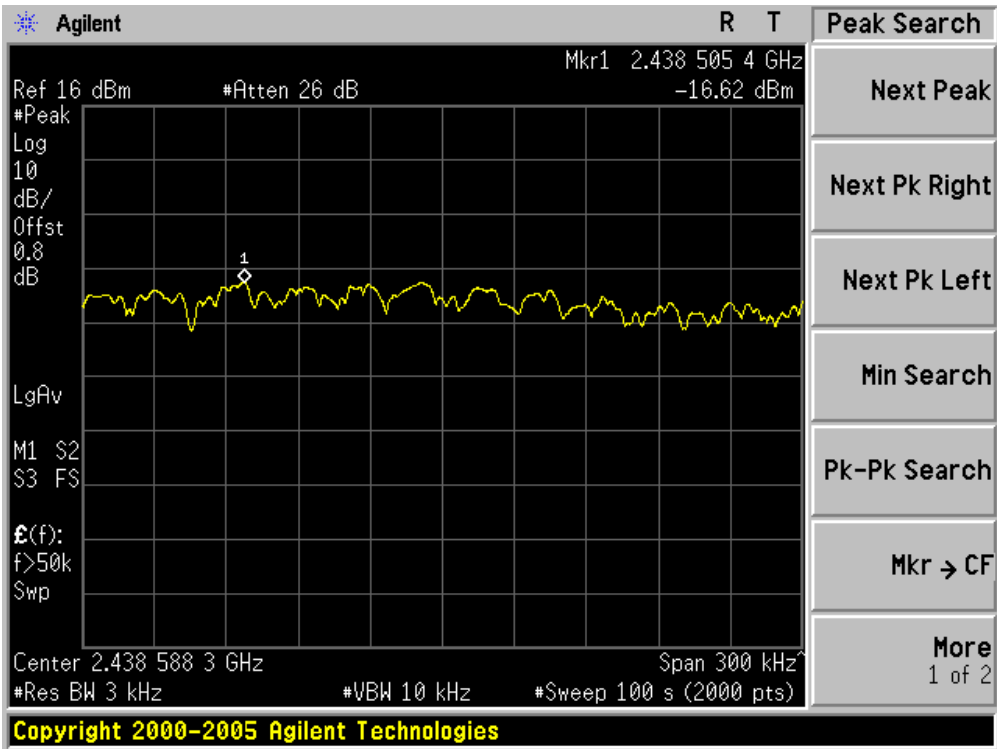
Product	:	Flip Share TV (Set Top Box)
Test Item	:	Power Spectral Density
Test Site	:	AC-6
Test Mode	:	Mode 4: Transmit by 802.11n (20MHz) (Chain 1)

Channel No.	Frequency (MHz)	Measurement PPSP (dBm)		Total PPSP (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
01	2412	N/A	-15.61	-15.61	8	Pass
06	2437	N/A	-16.62	-16.62	8	Pass
11	2462	N/A	-17.80	-17.80	8	Pass
149	5745	N/A	-17.74	-17.74	8	Pass
157	5785	N/A	-16.91	-16.91	8	Pass
165	5825	N/A	-18.02	-18.02	8	Pass

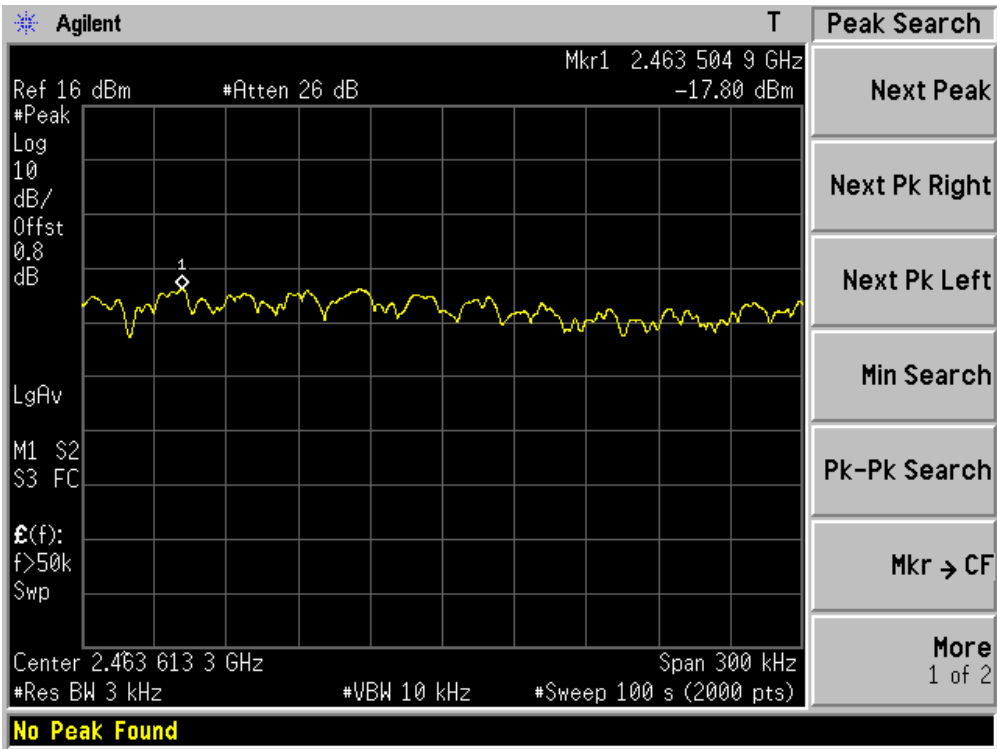
Channel 01 (2412MHz)



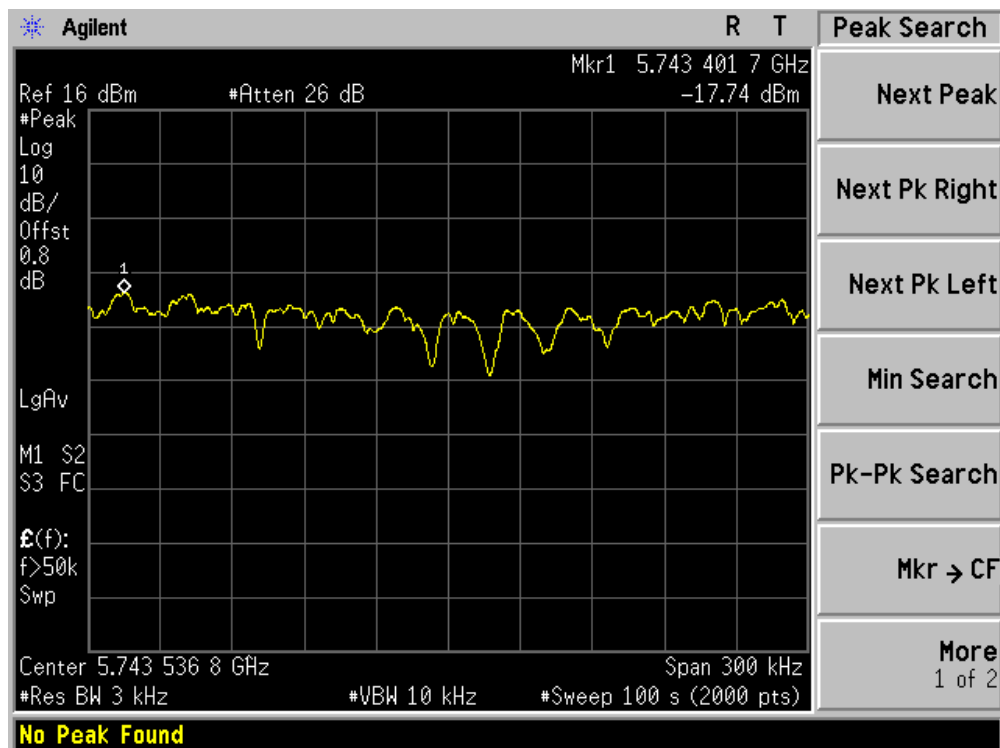
Channel 06 (2437MHz)



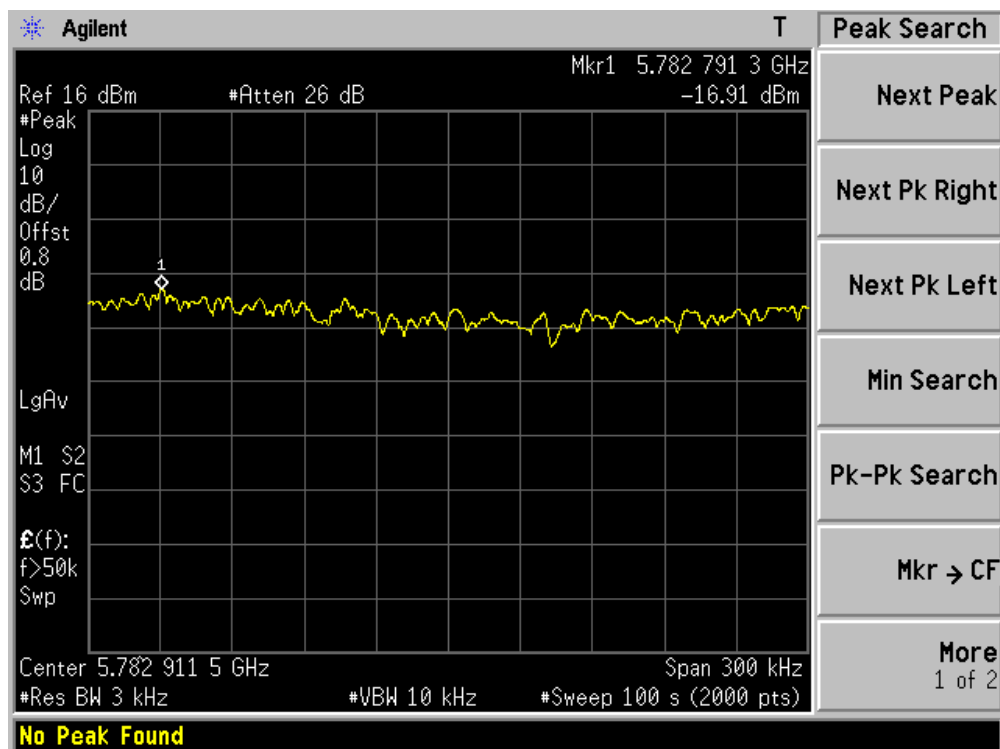
Channel 11 (2462MHz)



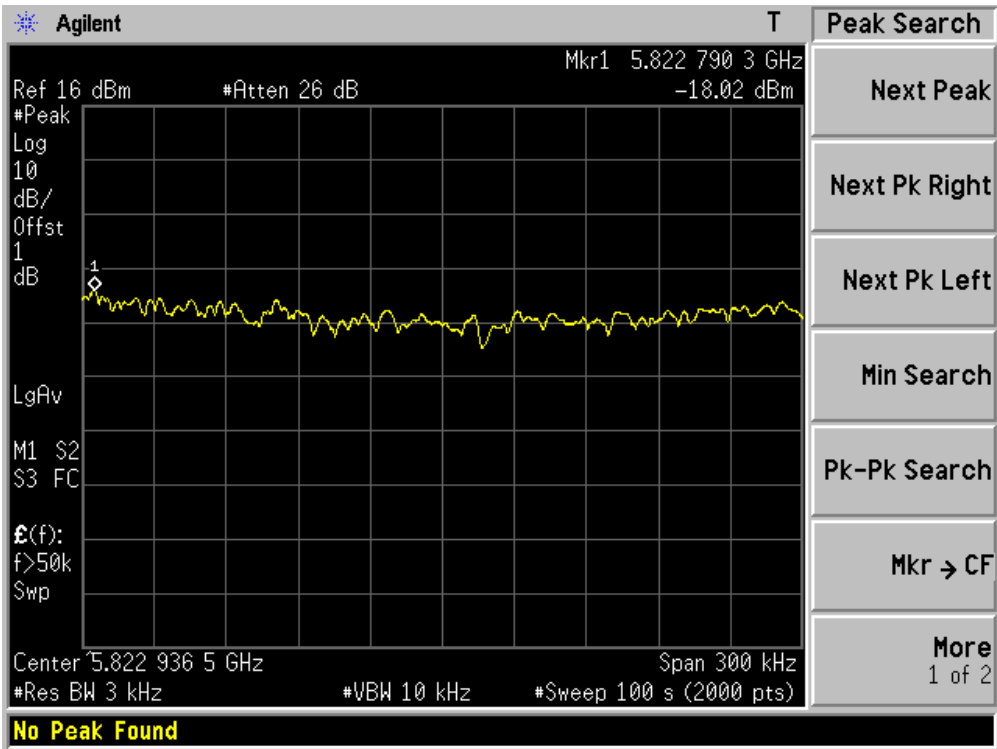
Channel 149 (5745MHz)



Channel 157 (5785MHz)



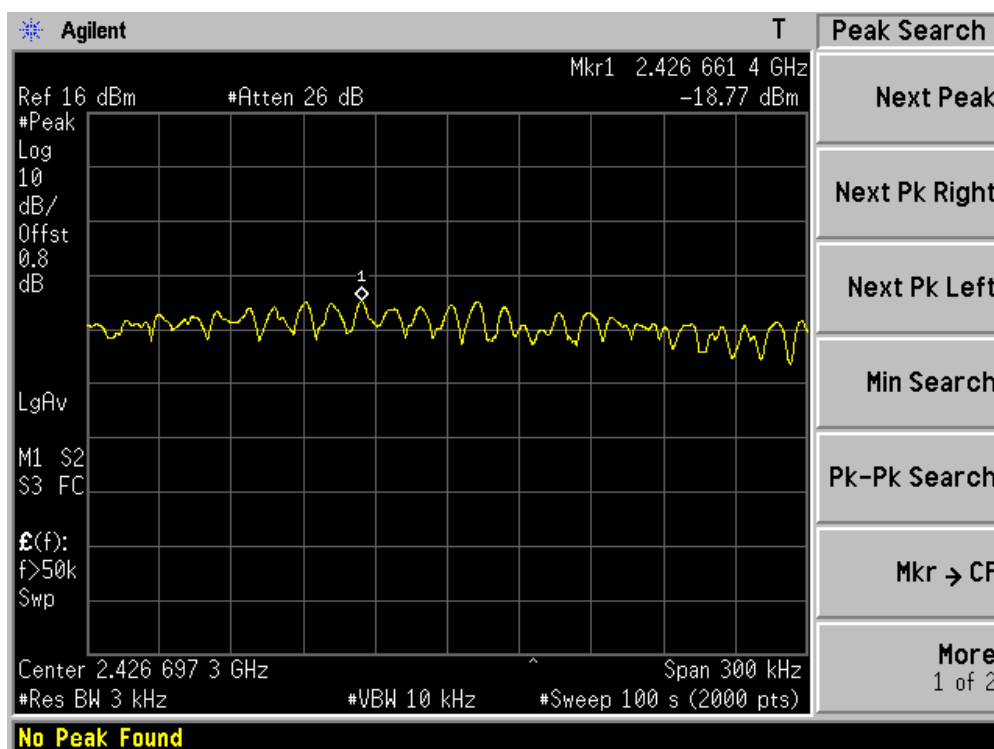
Channel 165 (5825MHz)



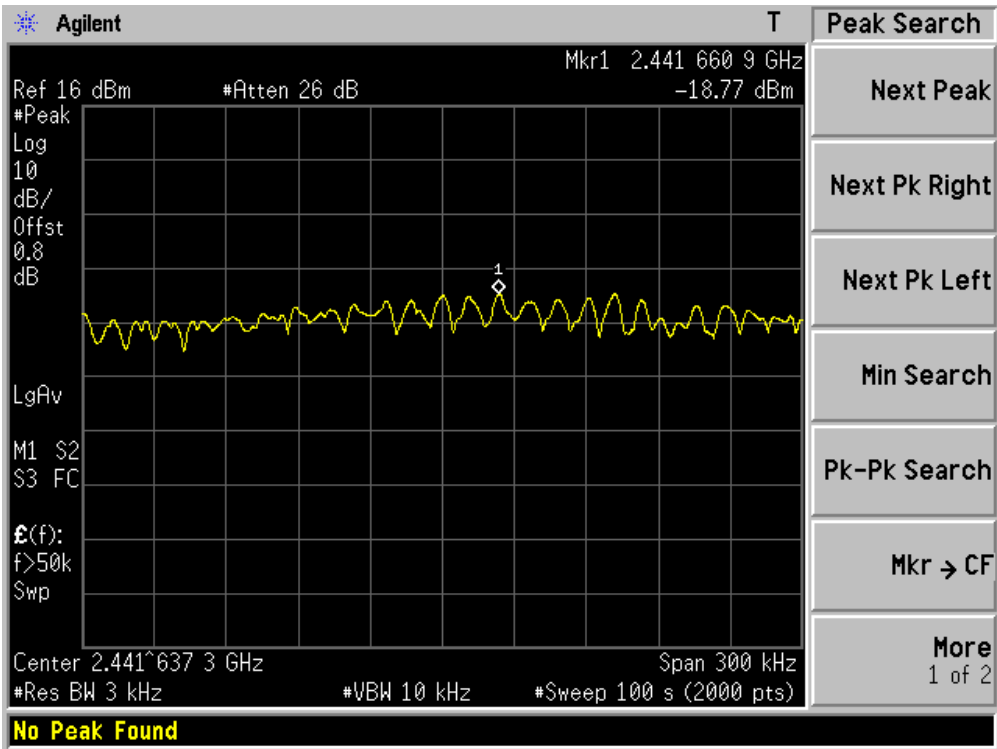
Product	:	Flip Share TV (Set Top Box)
Test Item	:	Power Spectral Density
Test Site	:	AC-6
Test Mode	:	Mode 5: Transmit by 802.11n (40MHz) (Chain 1)

Channel No.	Frequency (MHz)	Measurement PPSP (dBm)		Total PPSP (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
03	2422	N/A	-18.77	-18.77	8	Pass
06	2437	N/A	-18.77	-18.77	8	Pass
09	2452	N/A	-18.87	-18.87	8	Pass
151	5755	N/A	-21.60	-21.60	8	Pass
159	5795	N/A	-21.00	-21.00	8	Pass

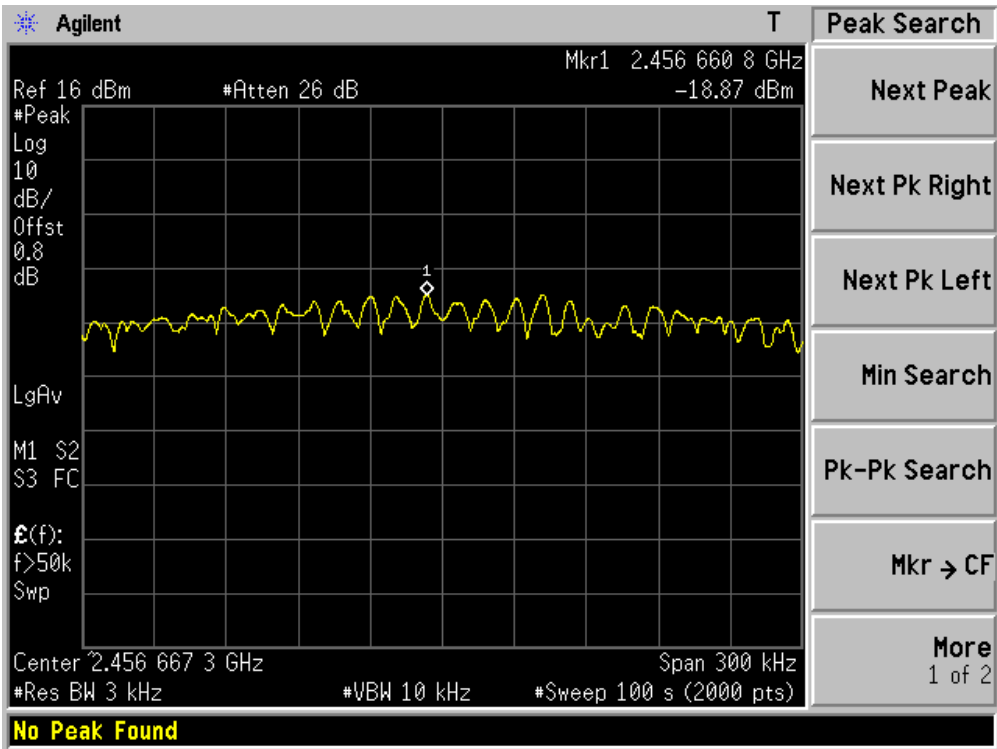
Channel 03 (2422MHz)



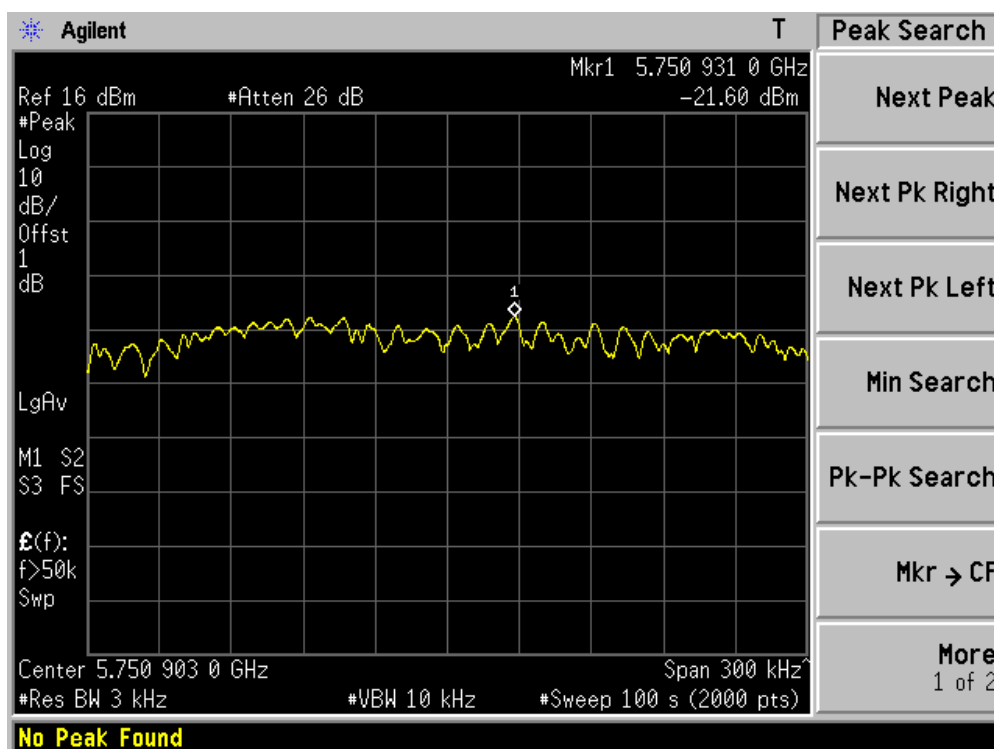
Channel 06 (2437MHz)



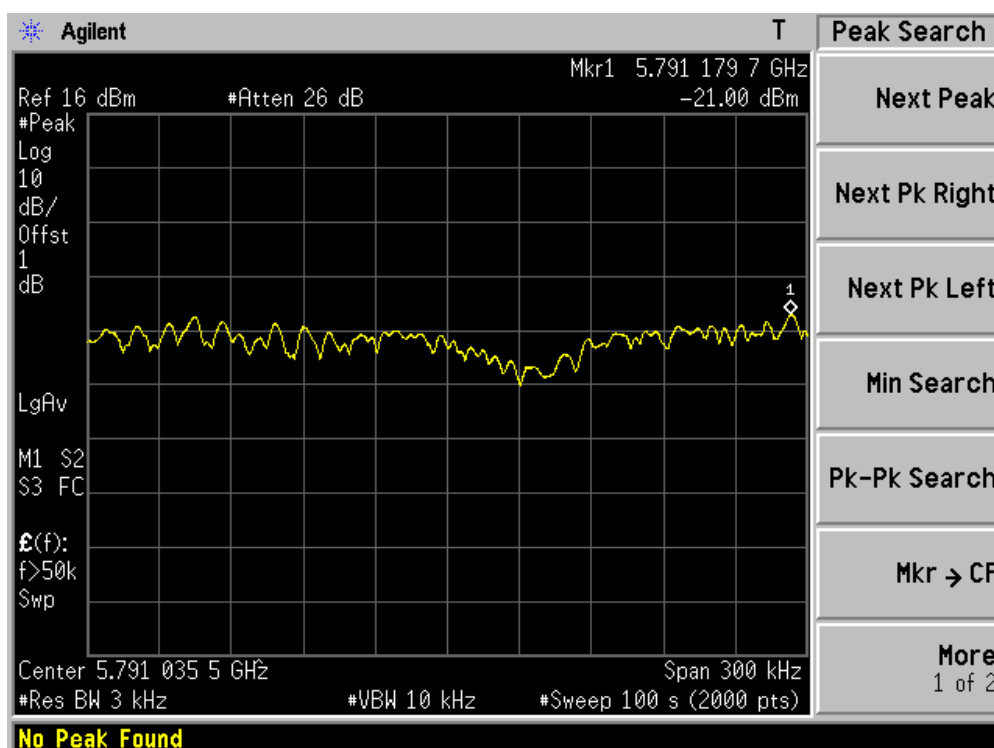
Channel 09 (2452MHz)



Channel 151 (5755MHz)



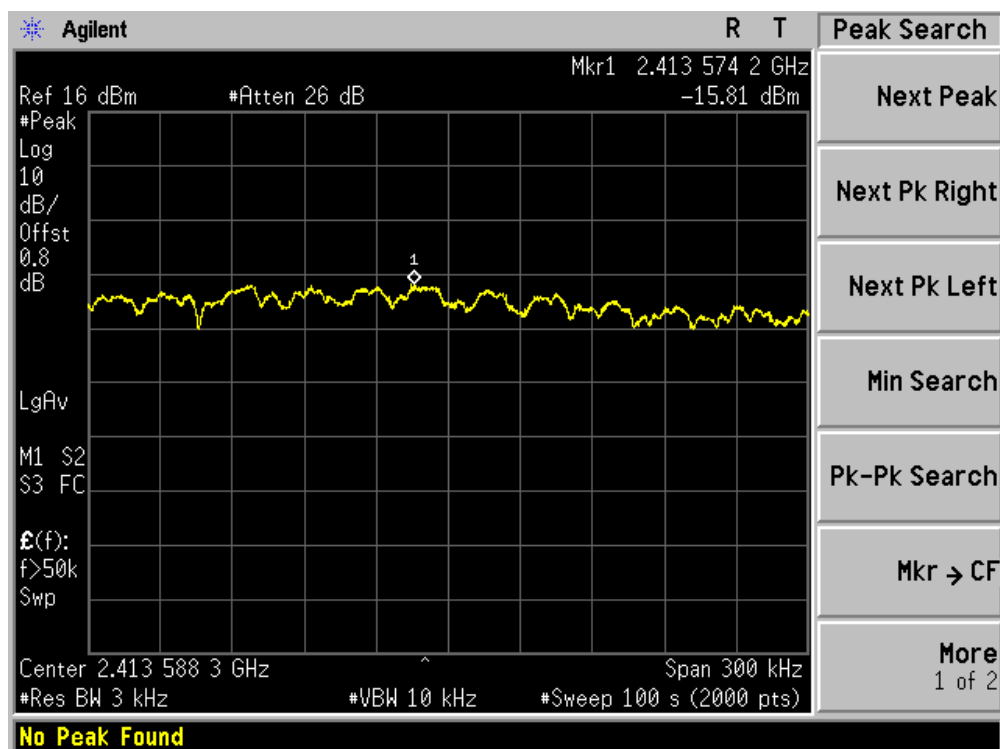
Channel 159 (5795MHz)



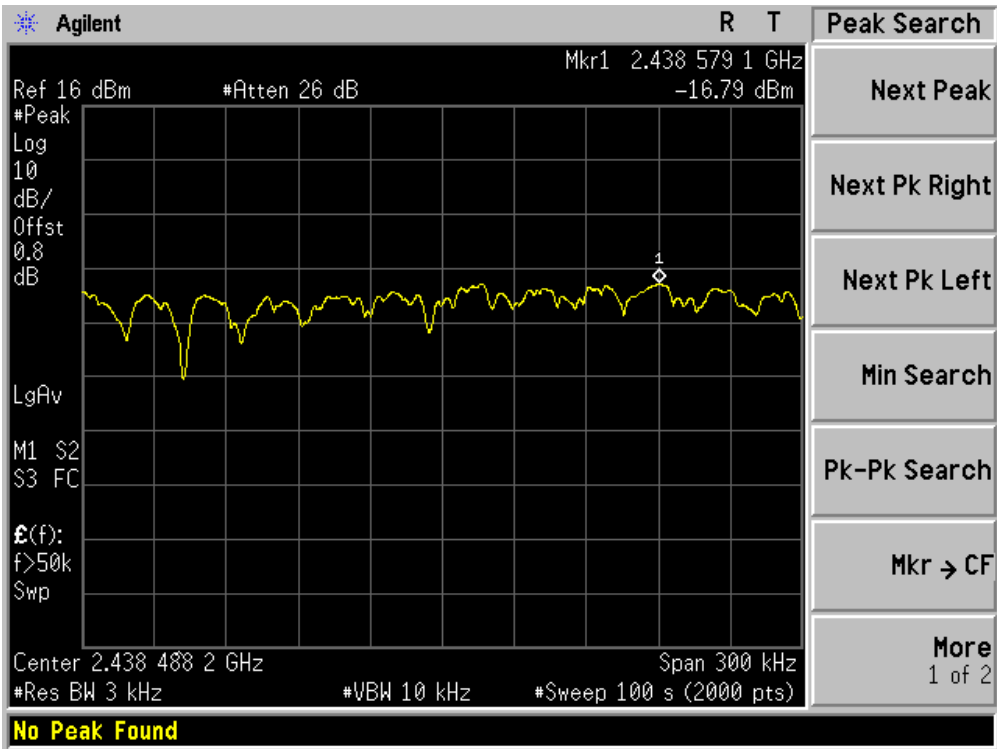
Product	:	Flip Share TV (Set Top Box)
Test Item	:	Power Spectral Density
Test Site	:	AC-6
Test Mode	:	Mode 4: Transmit by 802.11n (20MHz) (Chain 0+1)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
01	2412	-15.81	-16.17	-12.98	8	Pass
06	2437	-16.79	-16.75	-13.76	8	Pass
11	2462	-16.51	-17.87	-14.13	8	Pass
149	5745	-17.50	-18.35	-14.89	8	Pass
157	5785	-19.99	-18.86	-16.38	8	Pass
165	5825	-20.25	-20.16	-17.19	8	Pass

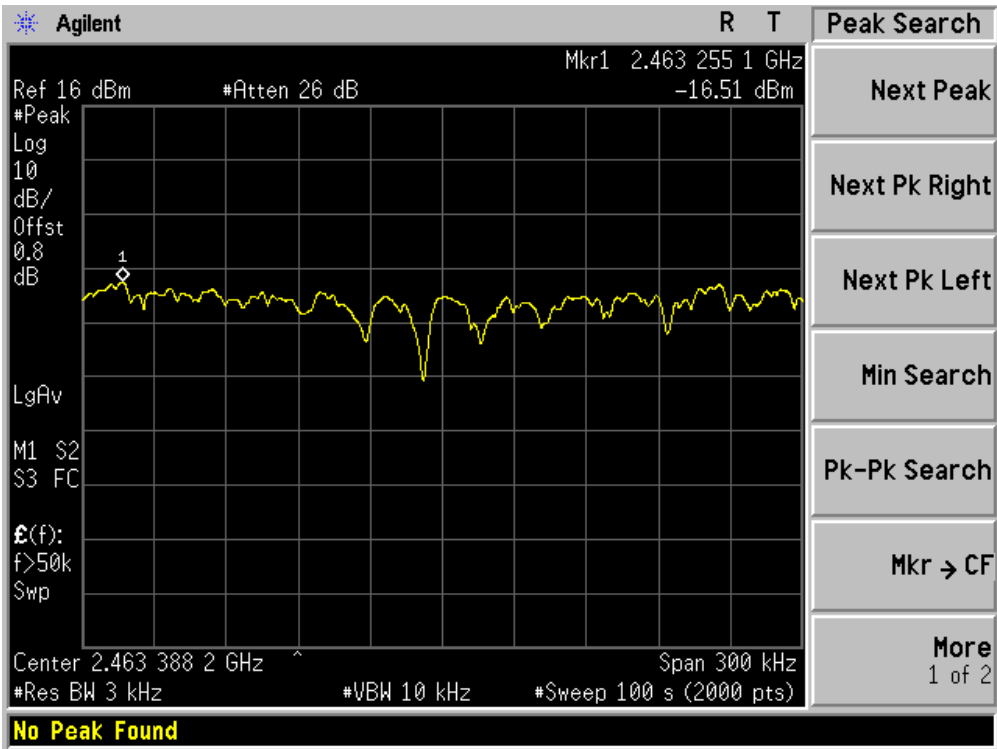
Channel 01 (2412MHz) – Chain 0



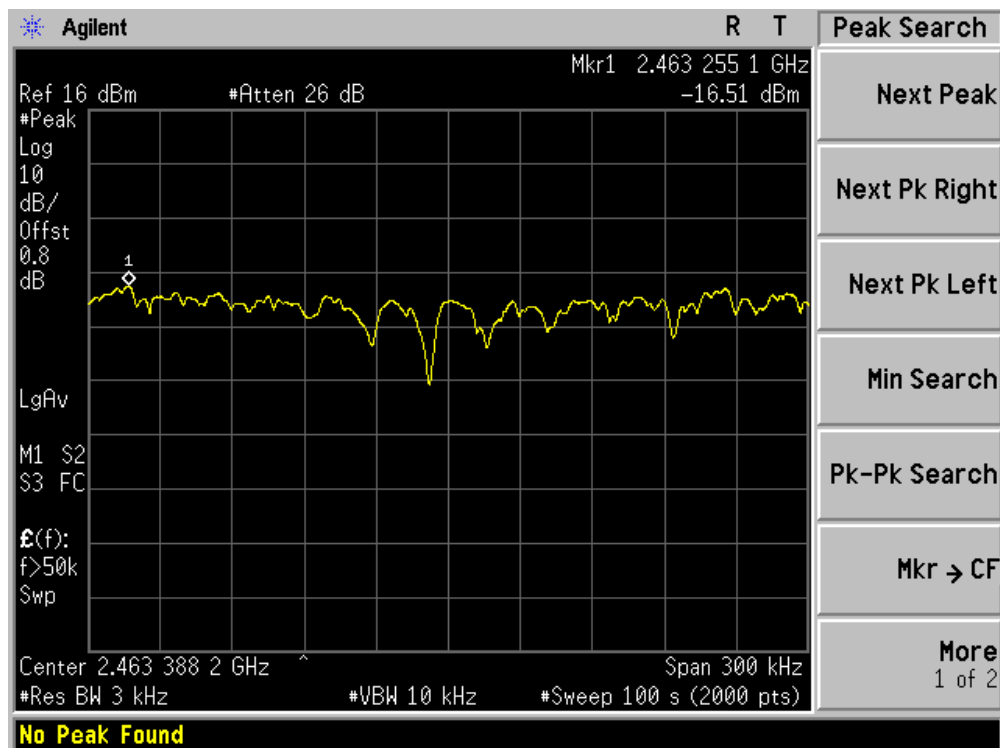
Channel 06 (2437MHz) – Chain 0



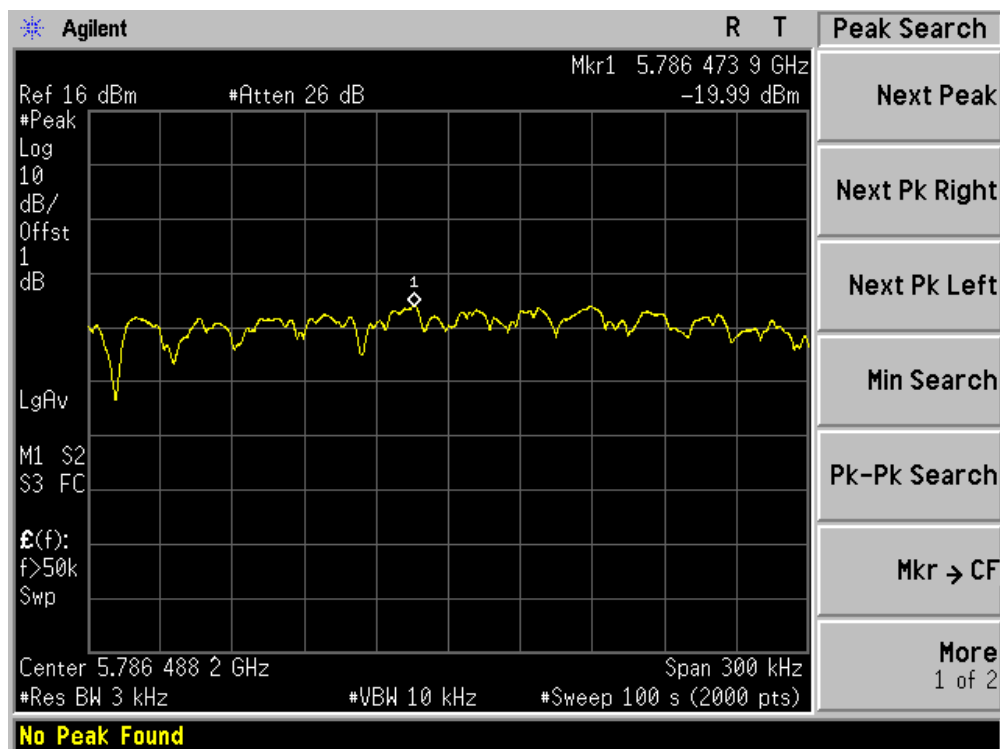
Channel 11 (2462MHz) – Chain 0



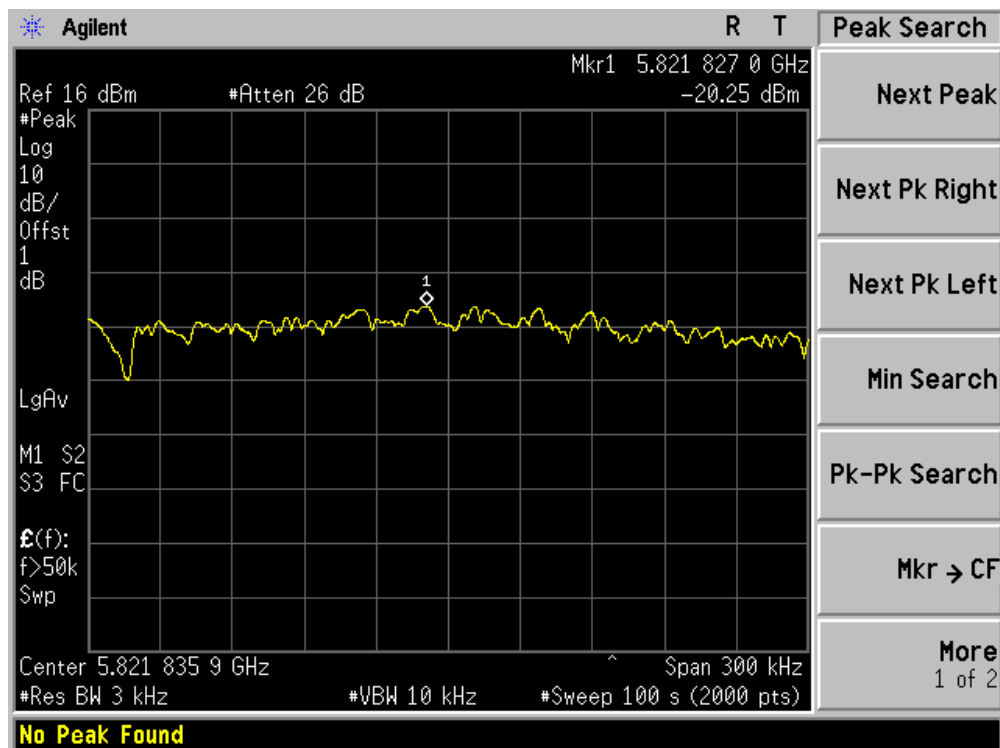
Channel 149 (5745MHz) – Chain 0



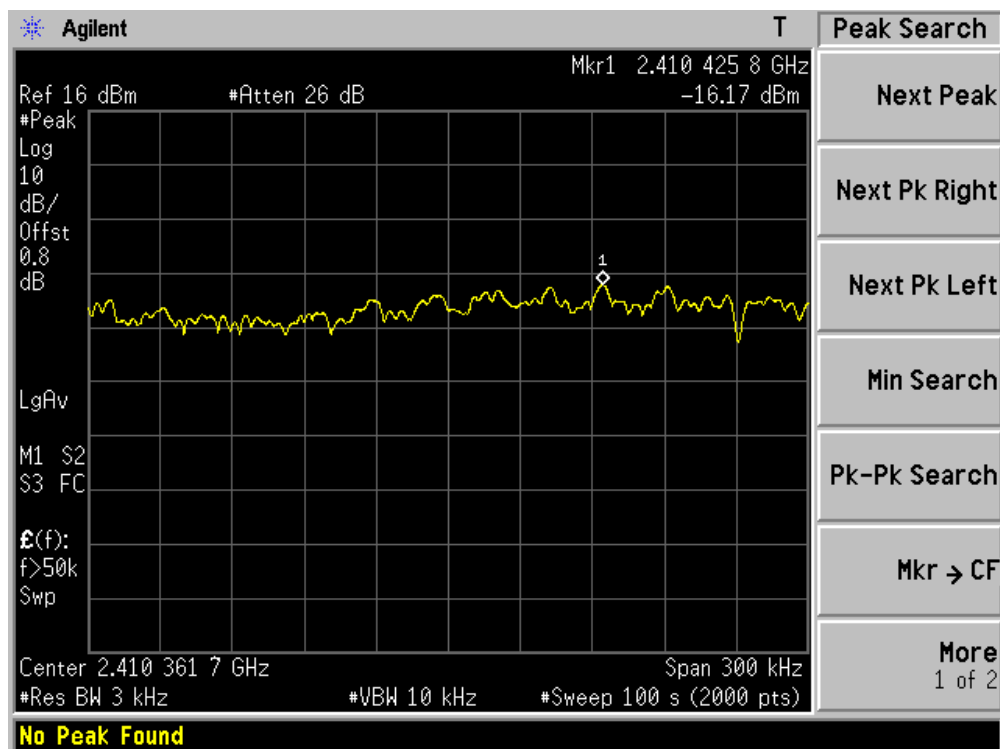
Channel 157 (5785MHz) – Chain 0



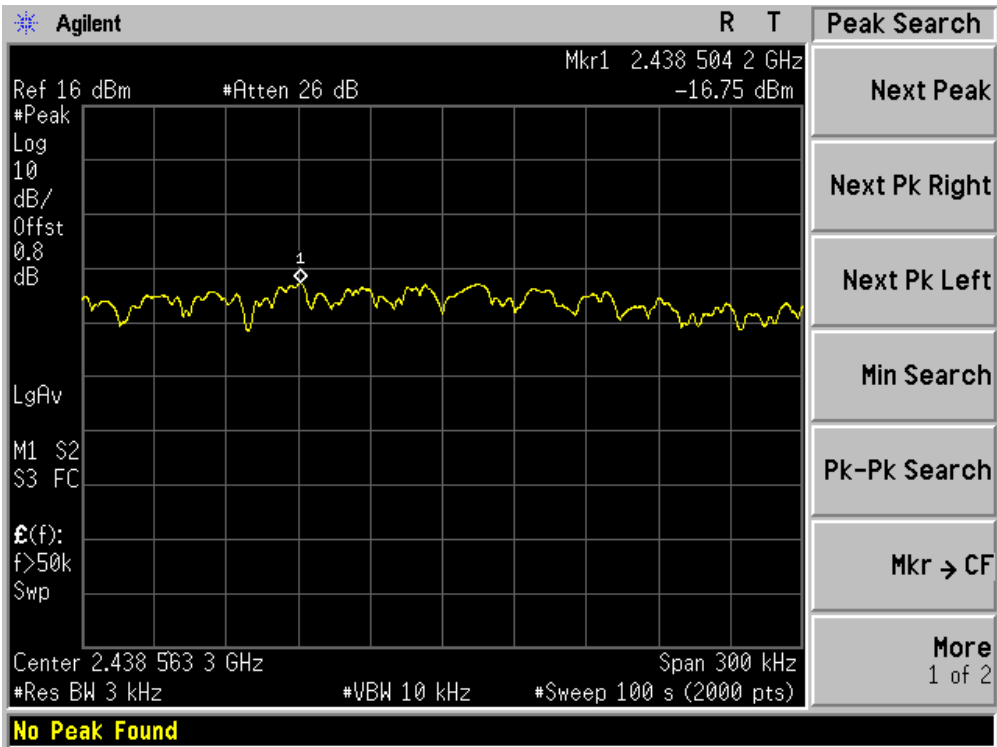
Channel 165 (5825MHz) – Chain 0



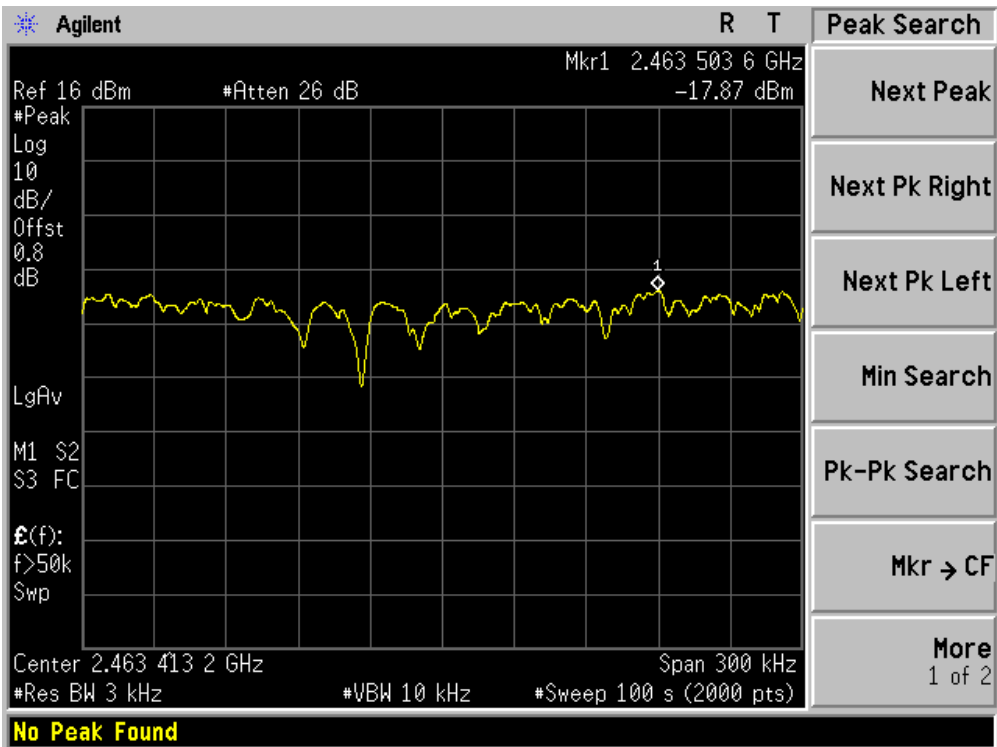
Channel 01 (2412MHz) – Chain 1



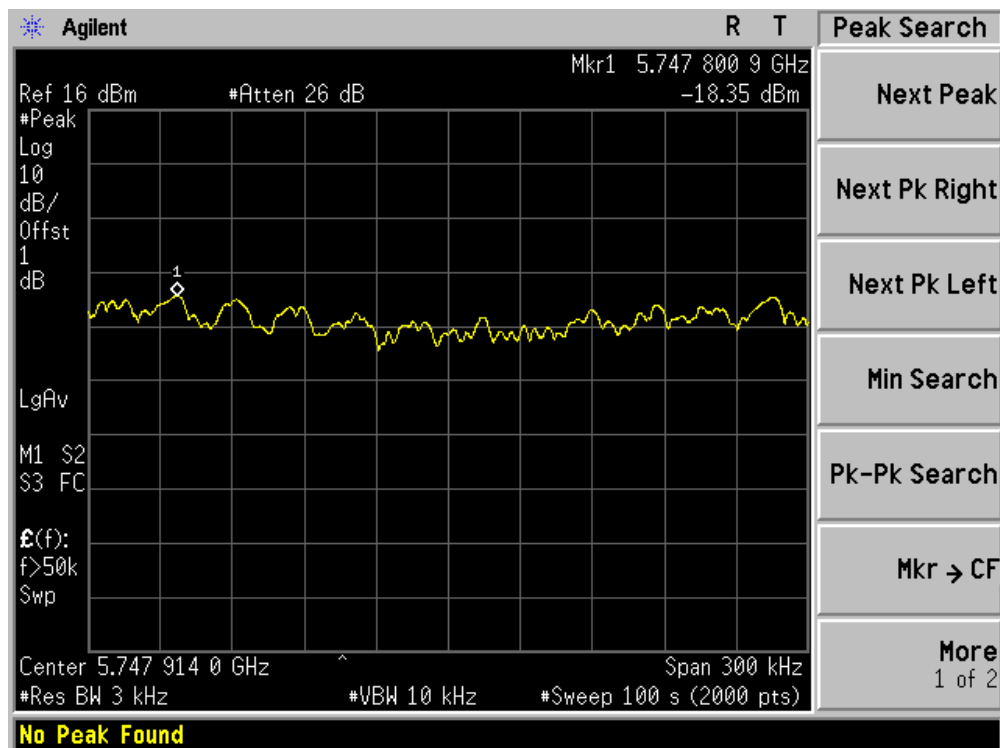
Channel 06 (2437MHz) – Chain 1



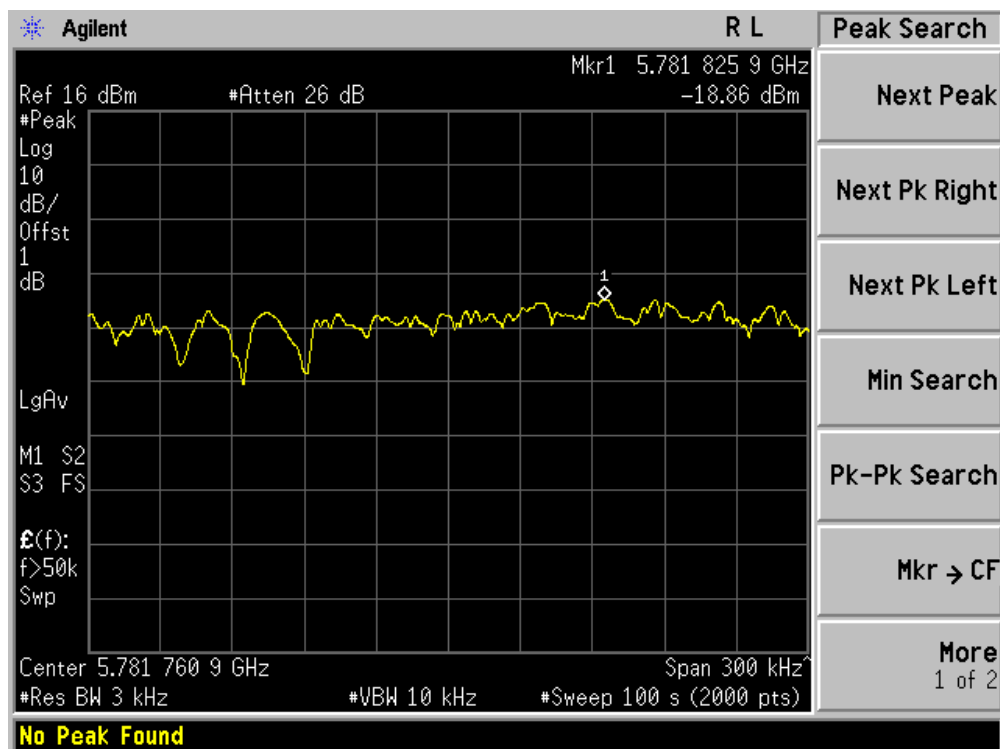
Channel 11 (2462MHz) – Chain 1



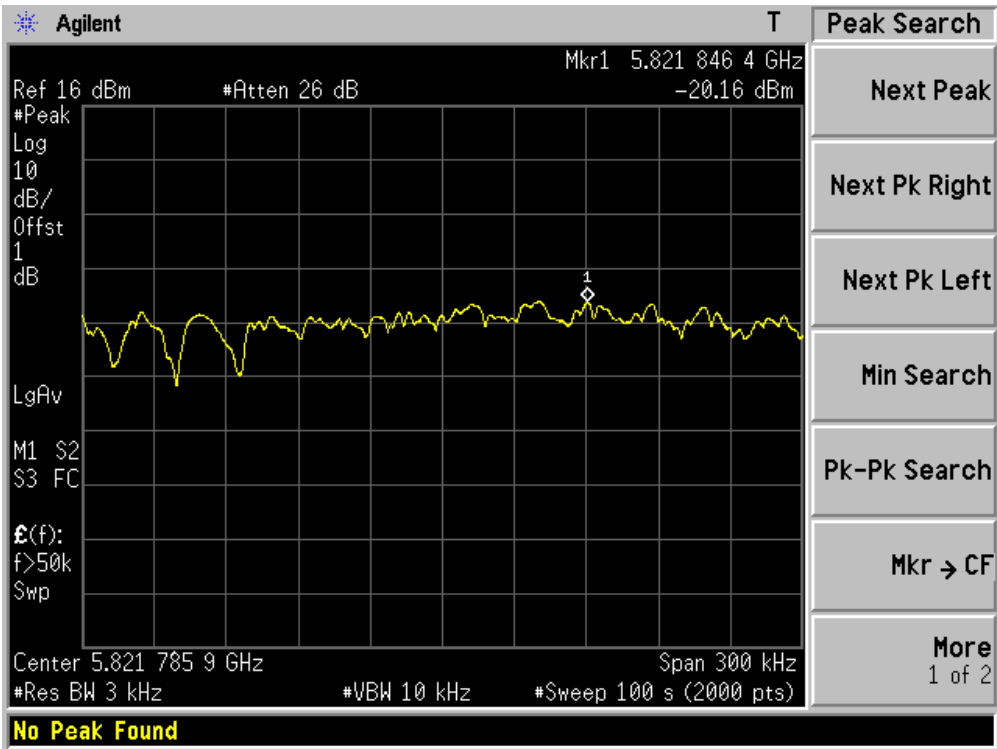
Channel 149 (5745MHz) – Chain 1



Channel 157 (5785MHz) – Chain 1



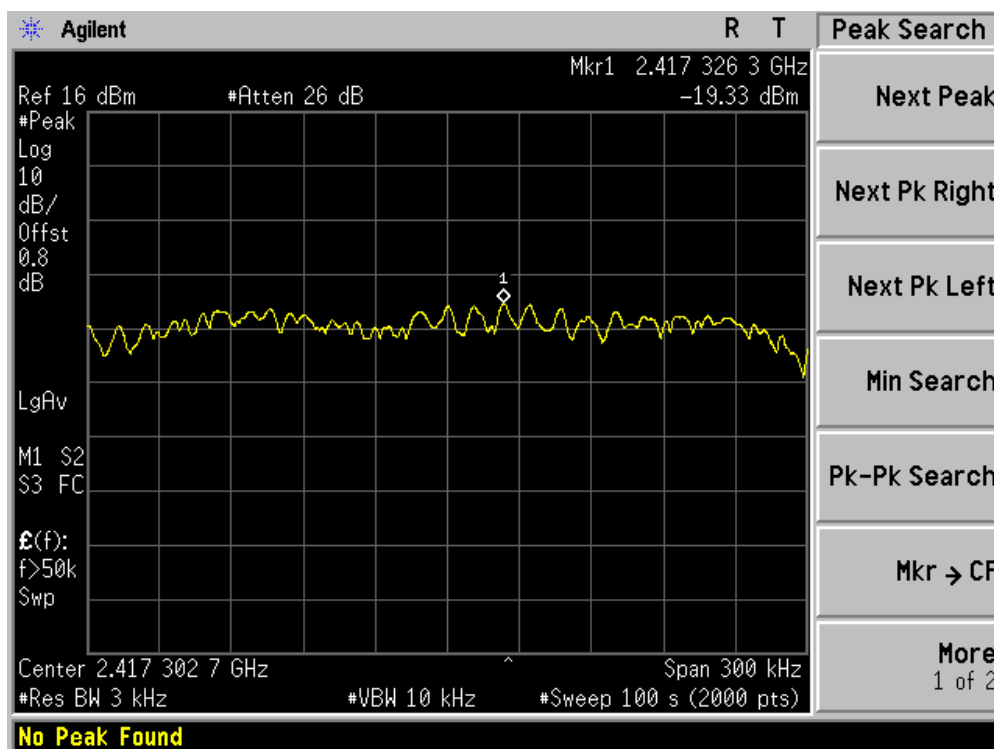
Channel 165 (5825MHz) – Chain 1



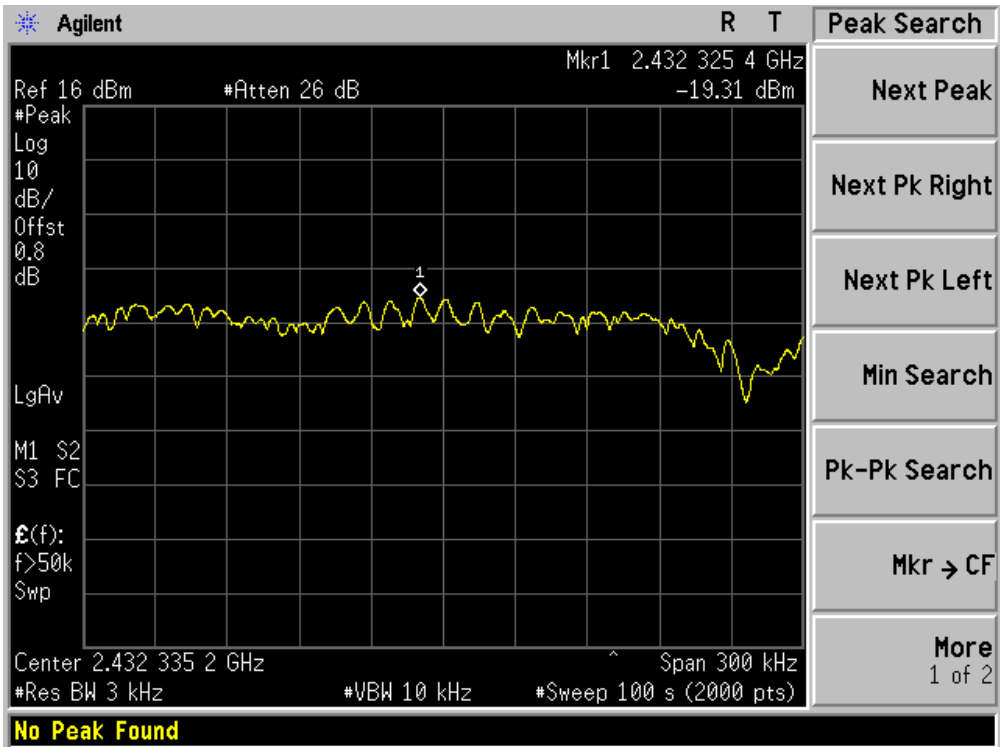
Product	:	Flip Share TV (Set Top Box)
Test Item	:	Power Spectral Density
Test Site	:	AC-6
Test Mode	:	Mode 5: Transmit by 802.11n (40MHz) (Chain 0+1)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
03	2422	-19.33	-18.87	-16.08	8	Pass
06	2437	-19.31	-19.22	-16.25	8	Pass
09	2452	-19.61	-18.98	-16.27	8	Pass
151	5755	-21.38	-21.28	-18.32	8	Pass
159	5795	-22.73	-22.32	-19.51	8	Pass

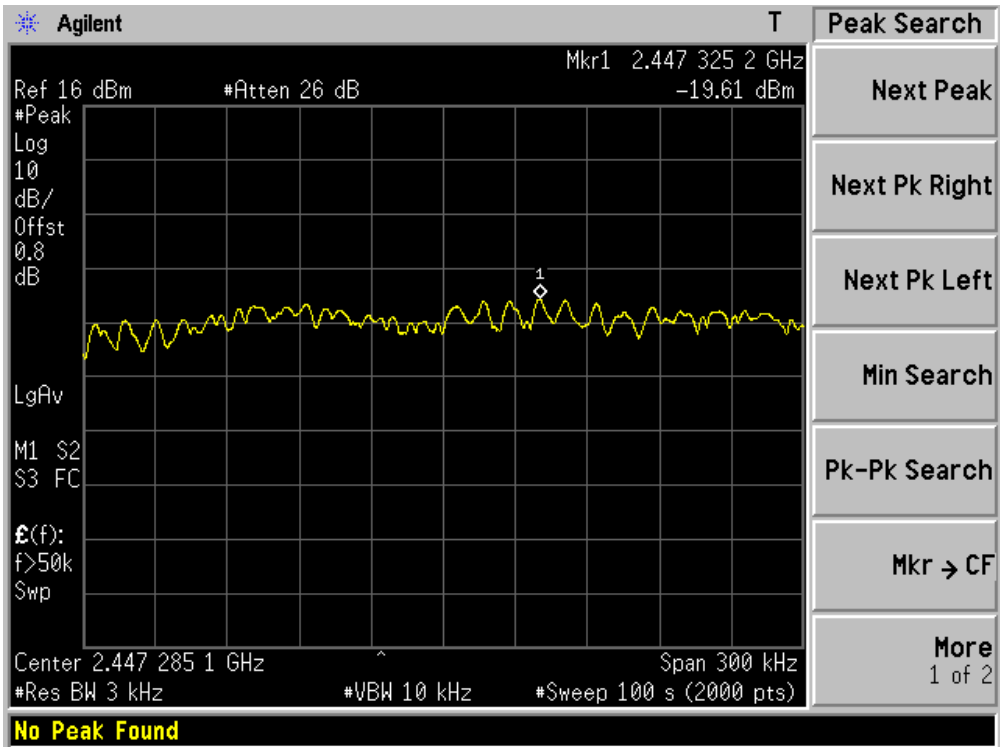
Channel 03 (2422MHz) – Chain 0



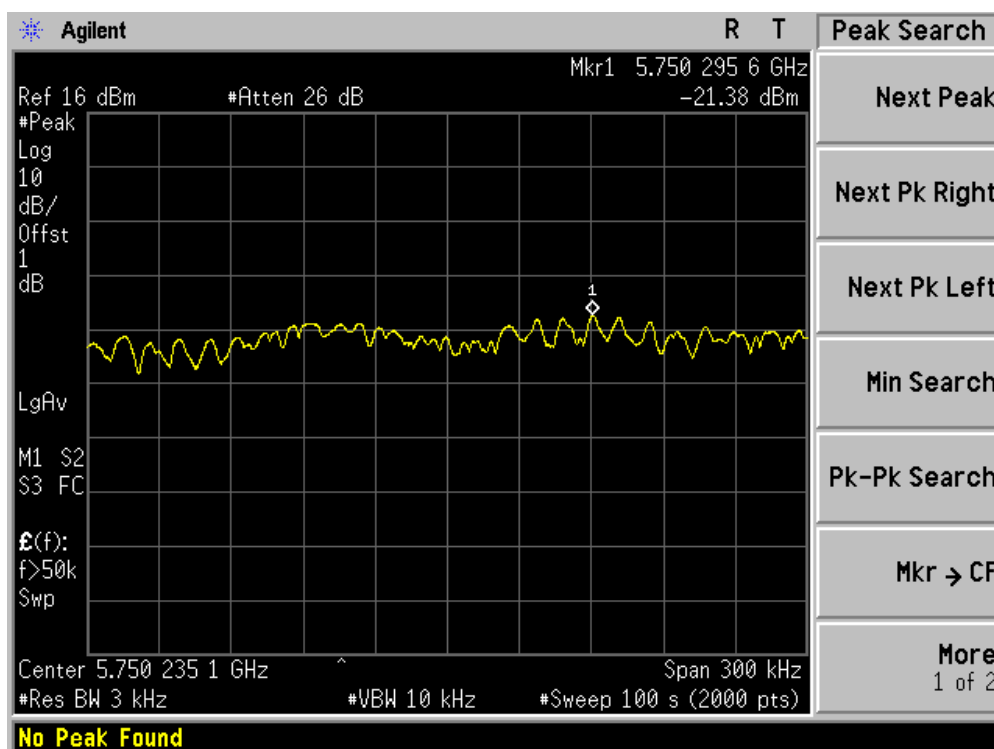
Channel 06 (2437MHz) – Chain 0



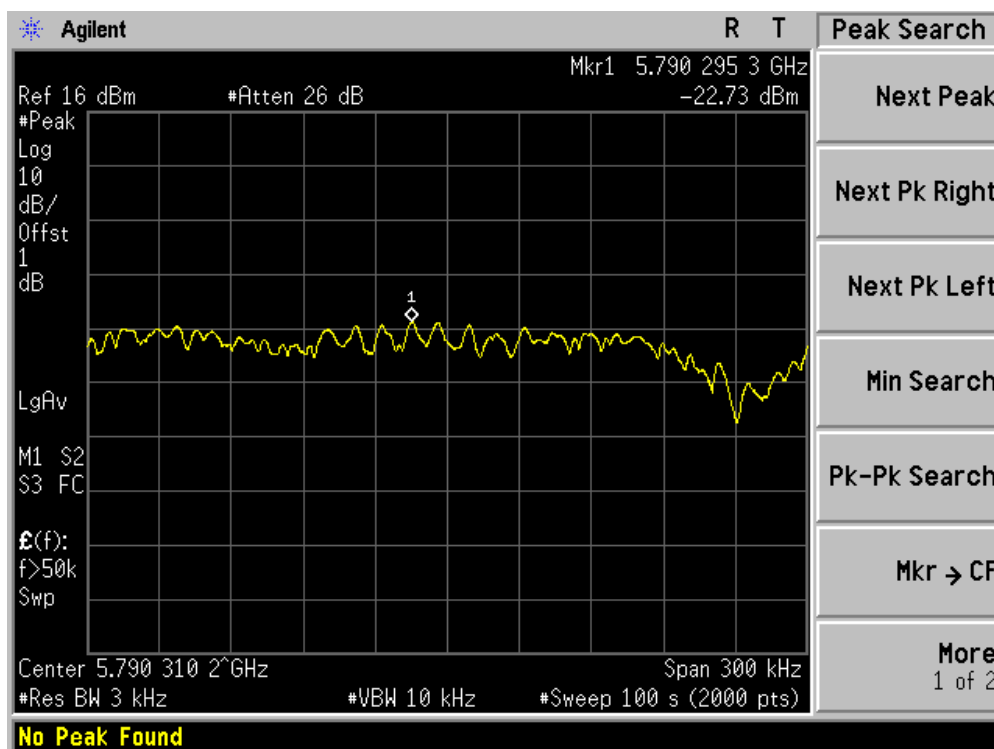
Channel 09 (2452MHz) – Chain 0



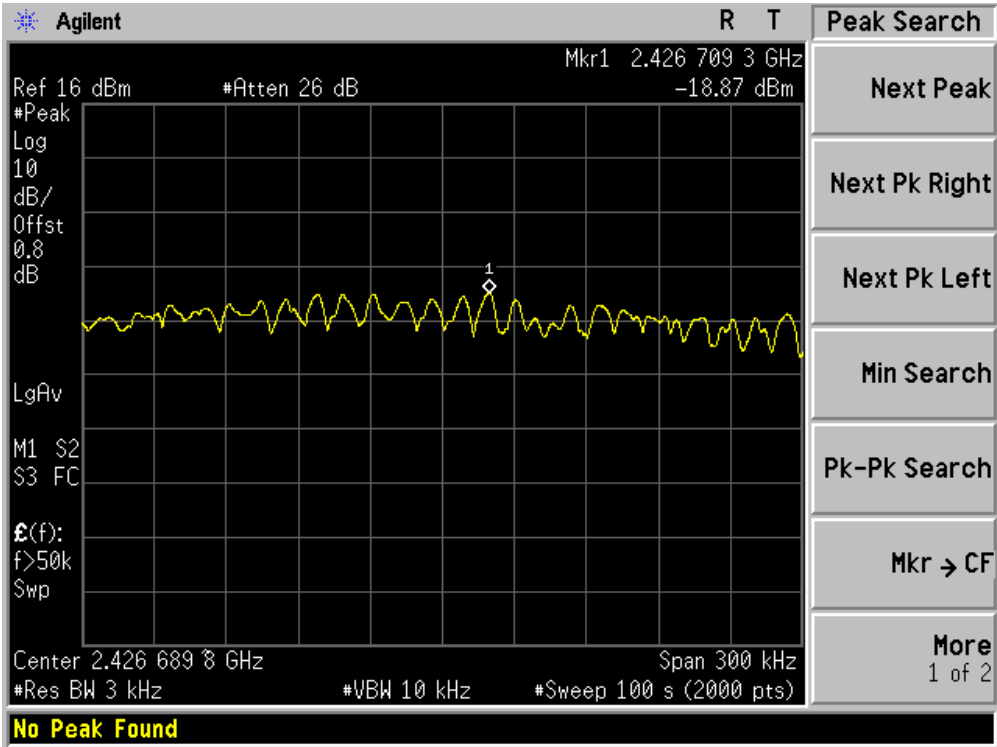
Channel 151 (5755MHz) – Chain 0



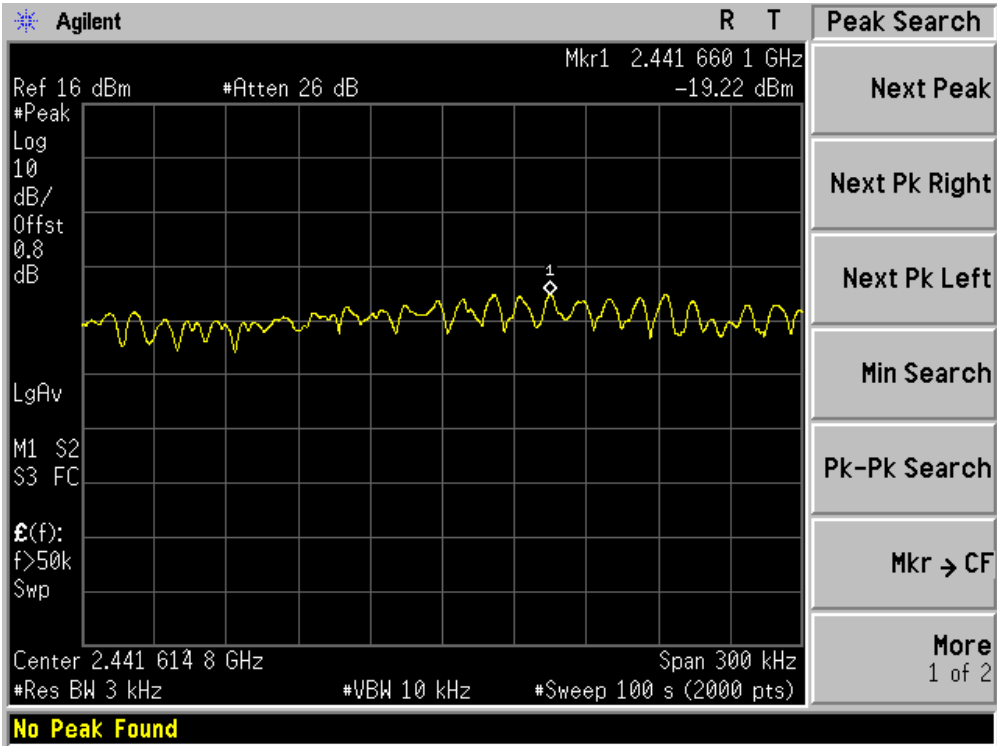
Channel 159 (5795MHz) – Chain 0



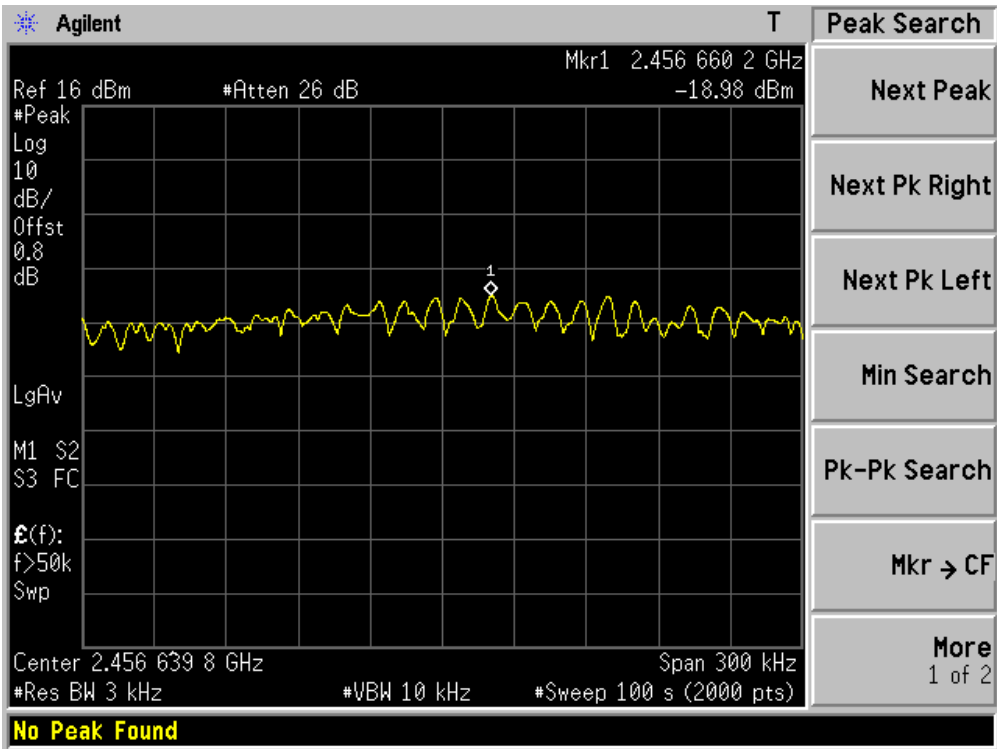
Channel 03 (2422MHz) – Chain 1



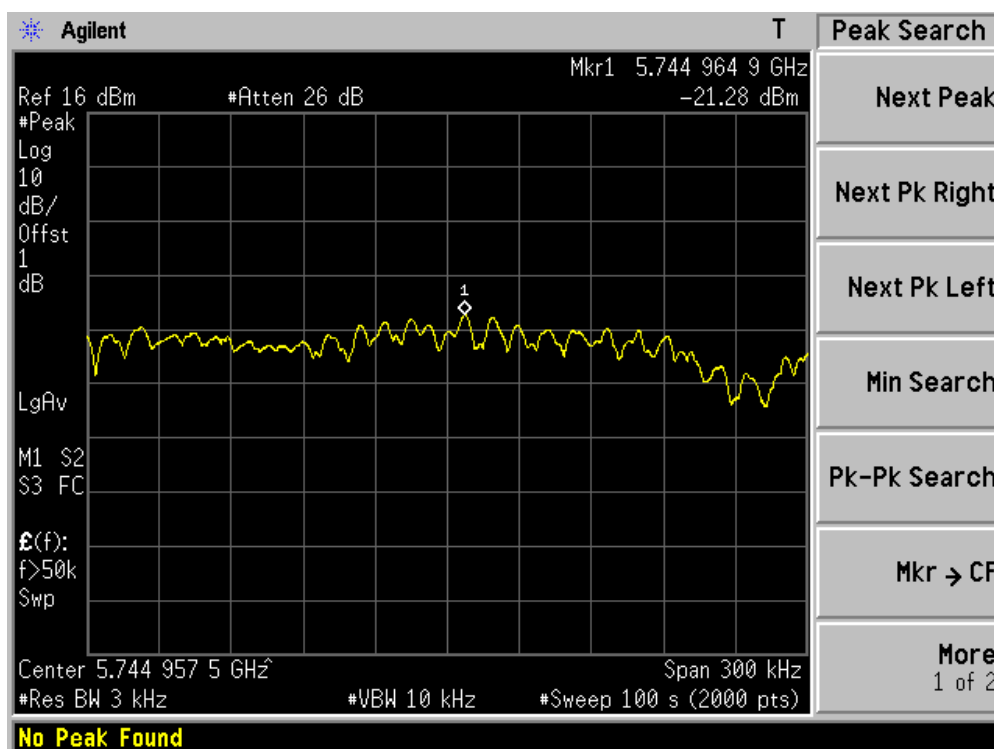
Channel 06 (2437MHz) – Chain 1



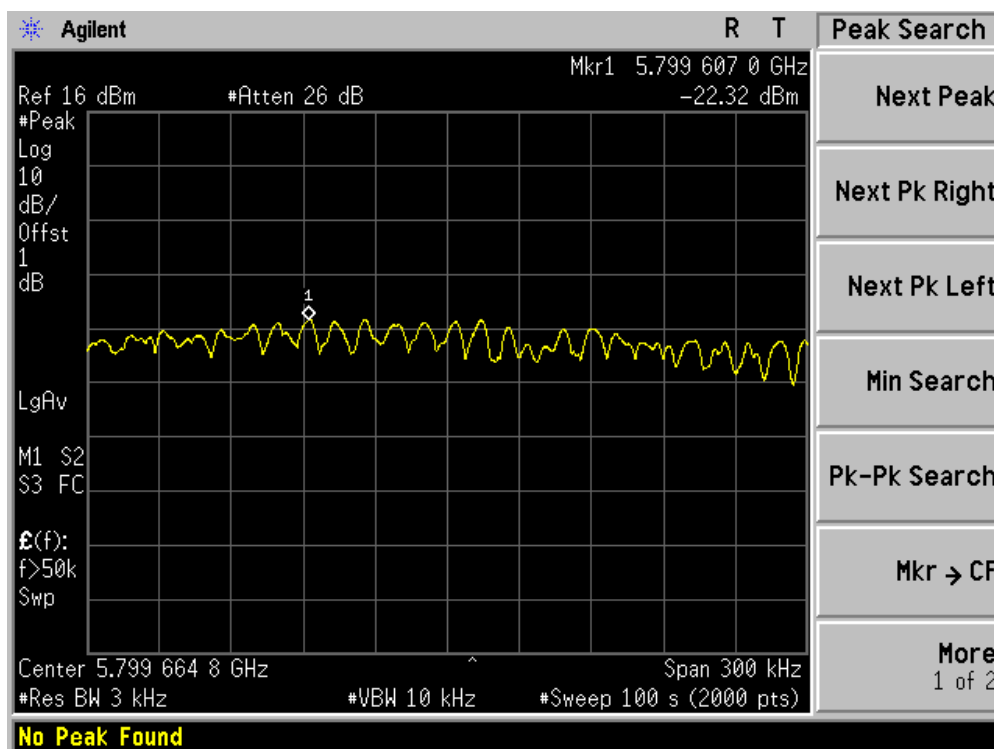
Channel 09 (2452MHz) – Chain 1



Channel 151 (5755MHz) – Chain 1



Channel 159 (5795MHz) – Chain 1



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

11.1. Test Equipment

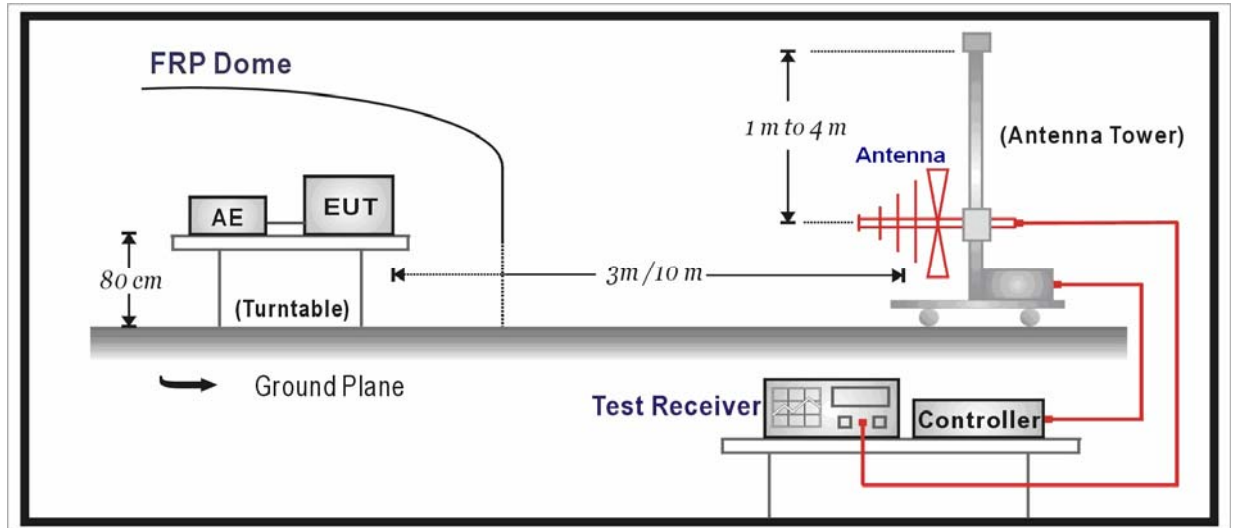
☒ Radiated Emission / AC-2

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

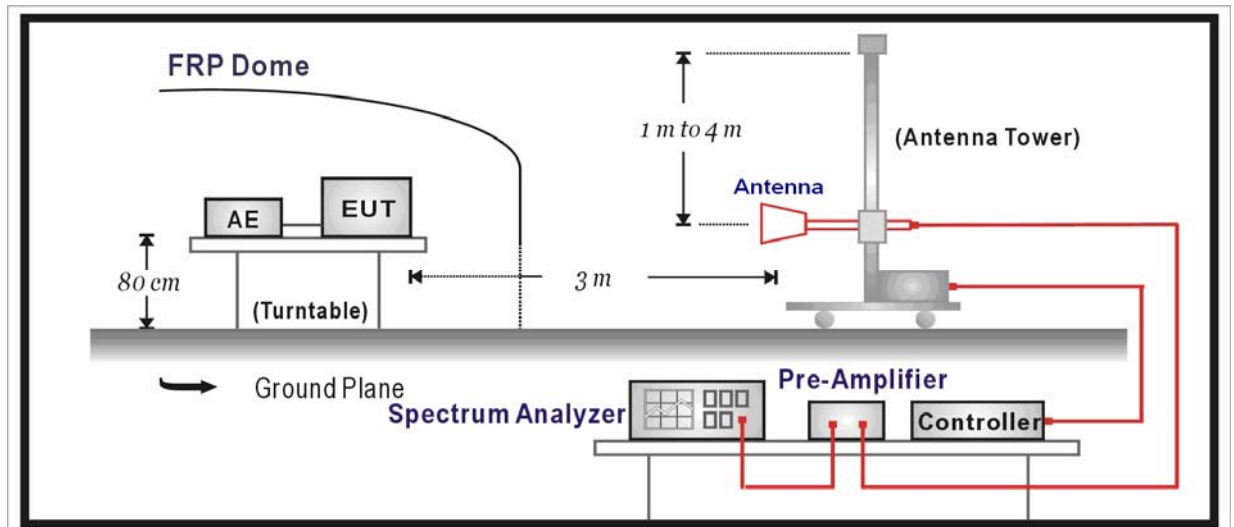
Note 1: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

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	≤ 22	QP	40
	88~216	≤ 30	QP	43.5
	216~960	≤ 32	QP	46
	960~1000	≤ 38	QP	54
	1000~40000	≤ 49	PK	54 (Note 1)
6	30~88	≤ 22	QP	40
	88~216	≤ 30	QP	43.5
	216~960	≤ 32	QP	46
	960~1000	≤ 38	QP	54
	1000~40000	≤ 47	PK	54 (Note 1)
11	30~88	≤ 22	QP	40
	88~216	≤ 30	QP	43.5
	216~960	≤ 32	QP	46
	960~1000	≤ 38	QP	54
	1000~40000	≤ 49	PK	54 (Note 1)
149	30~88	≤ 22	QP	40
	88~216	≤ 30	QP	43.5
	216~960	≤ 32	QP	46
	960~1000	≤ 38	QP	54
	1000~40000	≤ 46	PK	54 (Note 1)
157	30~88	≤ 22	QP	40
	88~216	≤ 30	QP	43.5
	216~960	≤ 32	QP	46
	960~1000	≤ 38	QP	54
	1000~40000	≤ 47	PK	54 (Note 1)

165	30~88	≤ 22	QP	40
	88~216	≤ 30	QP	43.5
	216~960	≤ 32	QP	46
	960~1000	≤ 38	QP	54
	1000~40000	≤ 45	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.