

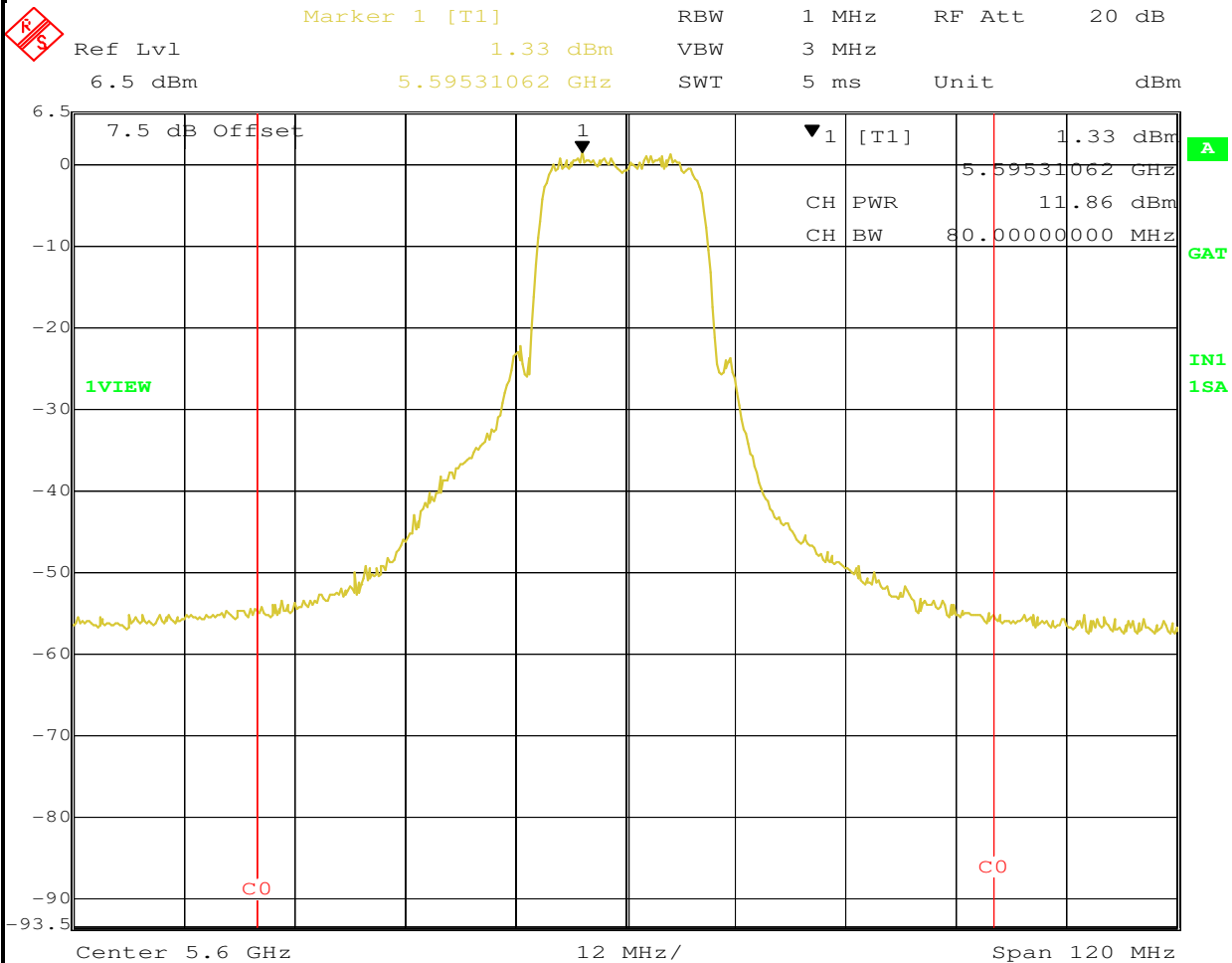


EMC Test Data

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

Cha 1 @ 5600 MHz
Output Power and PSD

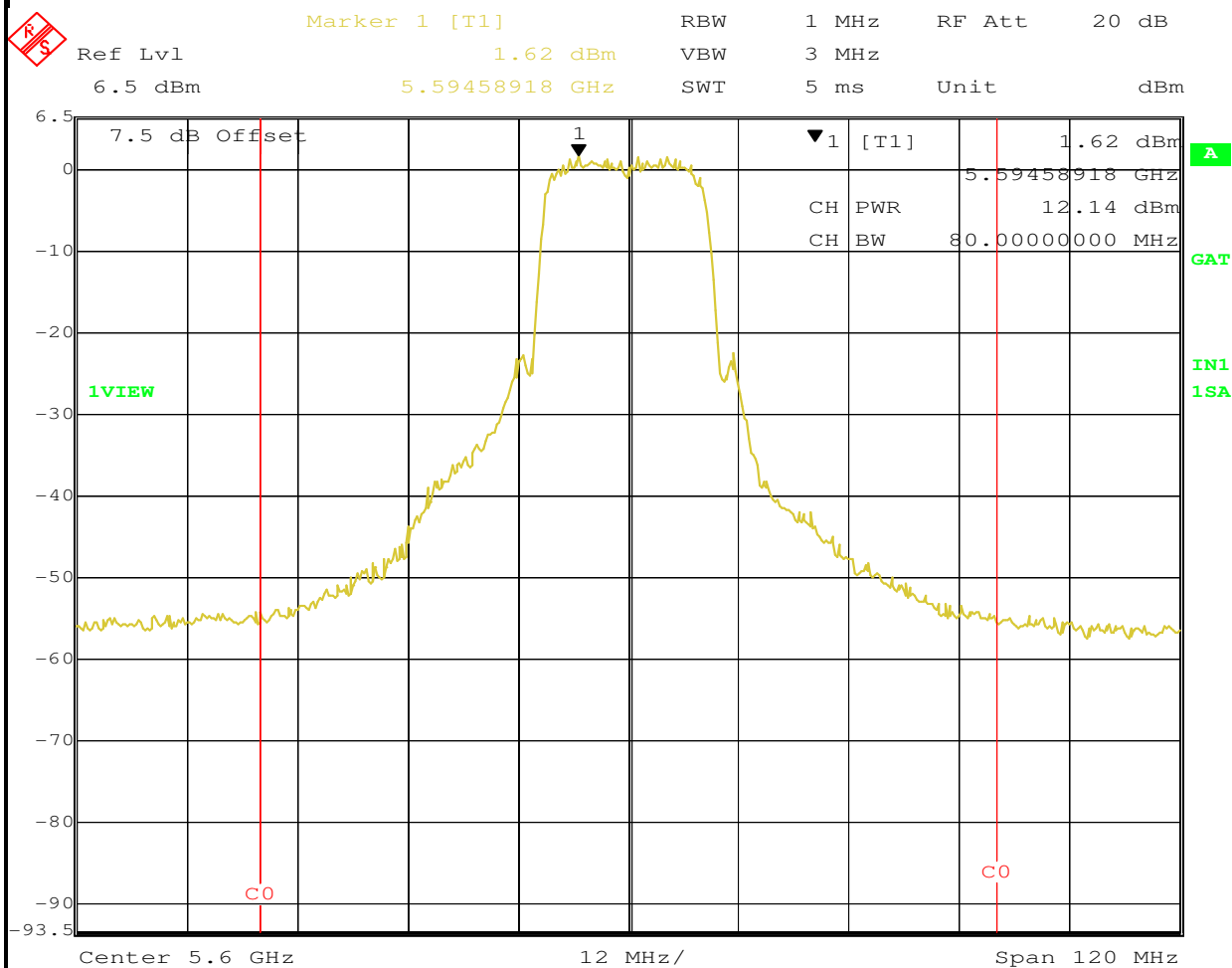
Chain 1



Date: 17.APR.2007 22:01:46

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

Chain 2



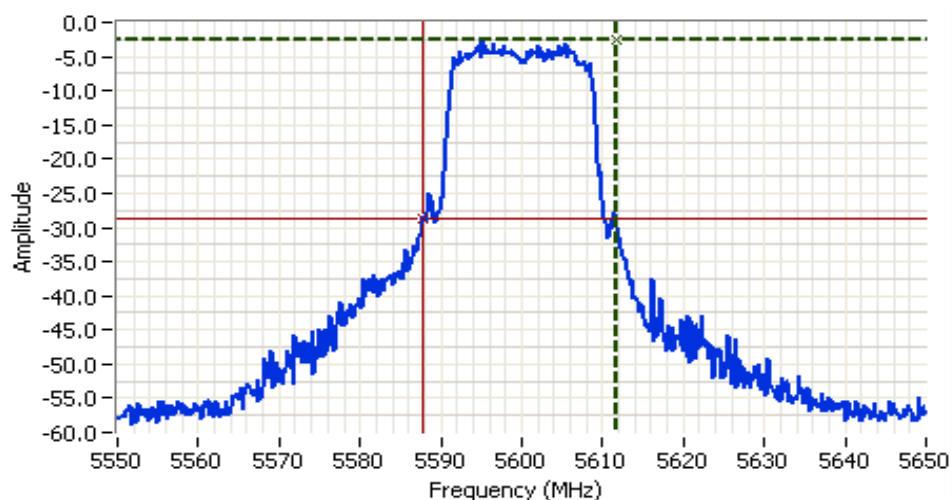
Date: 17.APR.2007 21:59:03

Client: Cisco-Linksys	Job Number: J67313
Model: WRT600N	T-Log Number: T67324
Contact: Kevin Lee	Account Manager: -
Standard: FCC 15.407 & RSS-210	Class: N/A

Channel 120 @ 5600 MHz

26dB Bandwidth

Chain 1



Analyzer Settings

HP8564E,EMI
CF: 5600.00 MHz
SPAN:100.00 MHz
RB 300 kHz
VB 1.000 MHz
Detector POS
Att 20
RL Offset 0.00
Sweep Time 50.0ms
Ref Lvl:10.00DBM

Comments

26dB Bandwith

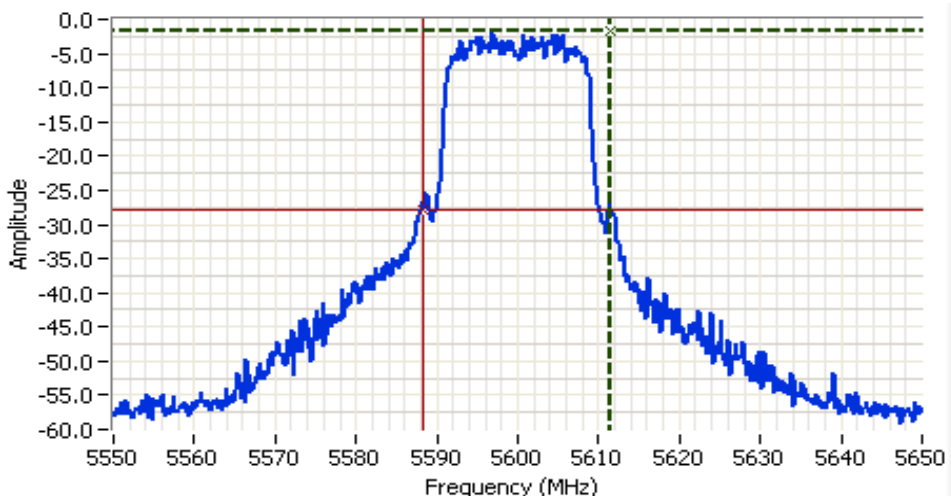
Cursor 1 5611.66; -2.67
Cursor 2 5587.83; -28.67

Delta Freq. 23.83

Delta Amplitude 26.00



Chain 2



Analyzer Settings

HP8564E,EMI
CF: 5600.00 MHz
SPAN:100.00 MHz
RB 300 kHz
VB 1.000 MHz
Detector POS
Att 20
RL Offset 0.00
Sweep Time 50.0ms
Ref Lvl:10.00DBM

Comments

26dB Bandwith

Cursor 1 5611.33; -1.83
Cursor 2 5588.16; -27.83

Delta Freq. 23.17

Delta Amplitude 26.00

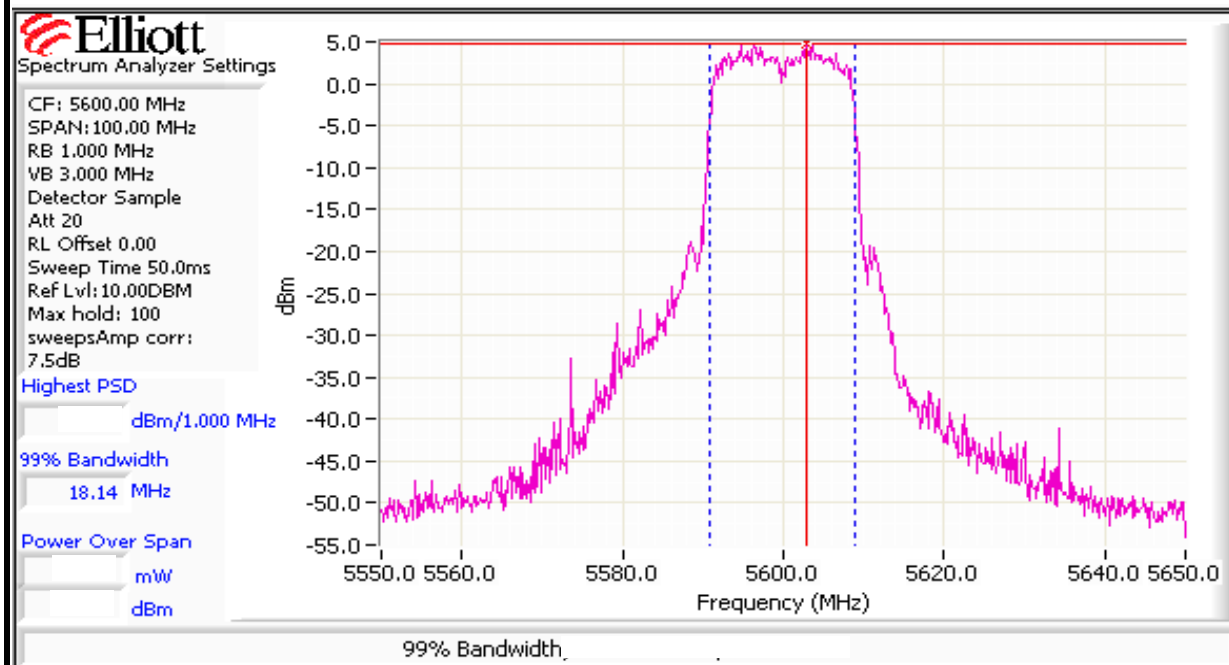


Client: Cisco-Linksys	Job Number: J67313
Model: WRT600N	T-Log Number: T67324
Contact: Kevin Lee	Account Manager: -
Standard: FCC 15.407 & RSS-210	Class: N/A

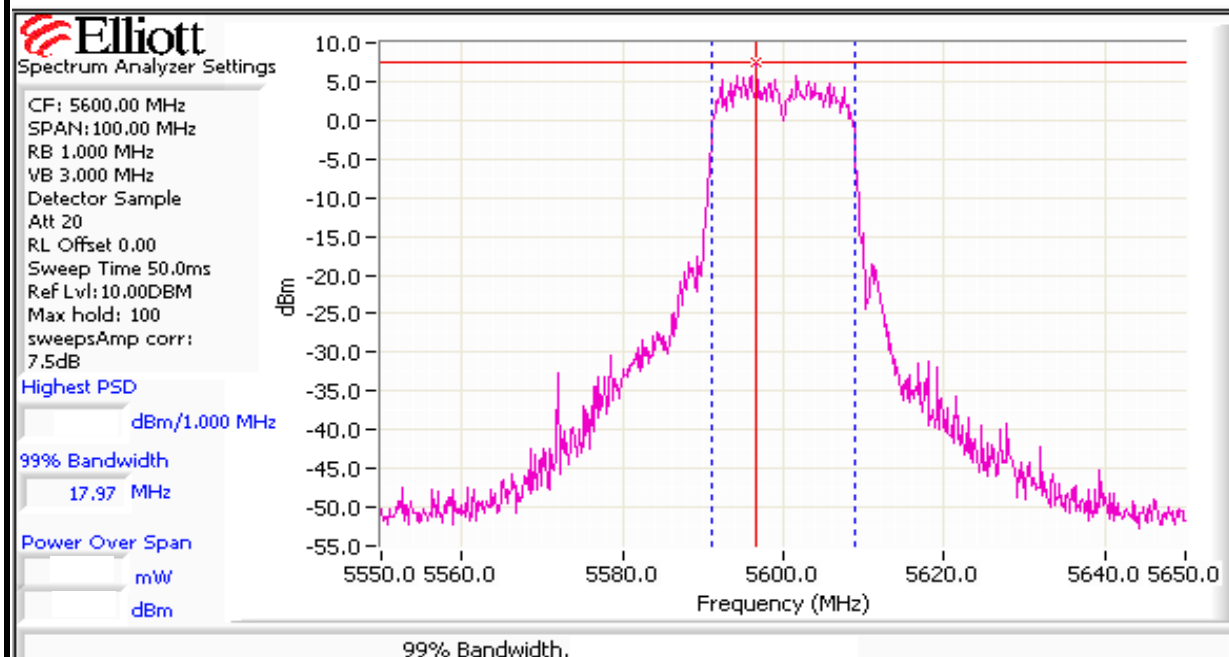
Channel 120 @ 5600 MHz

99% Bandwidth

Chain 1



Chain 2





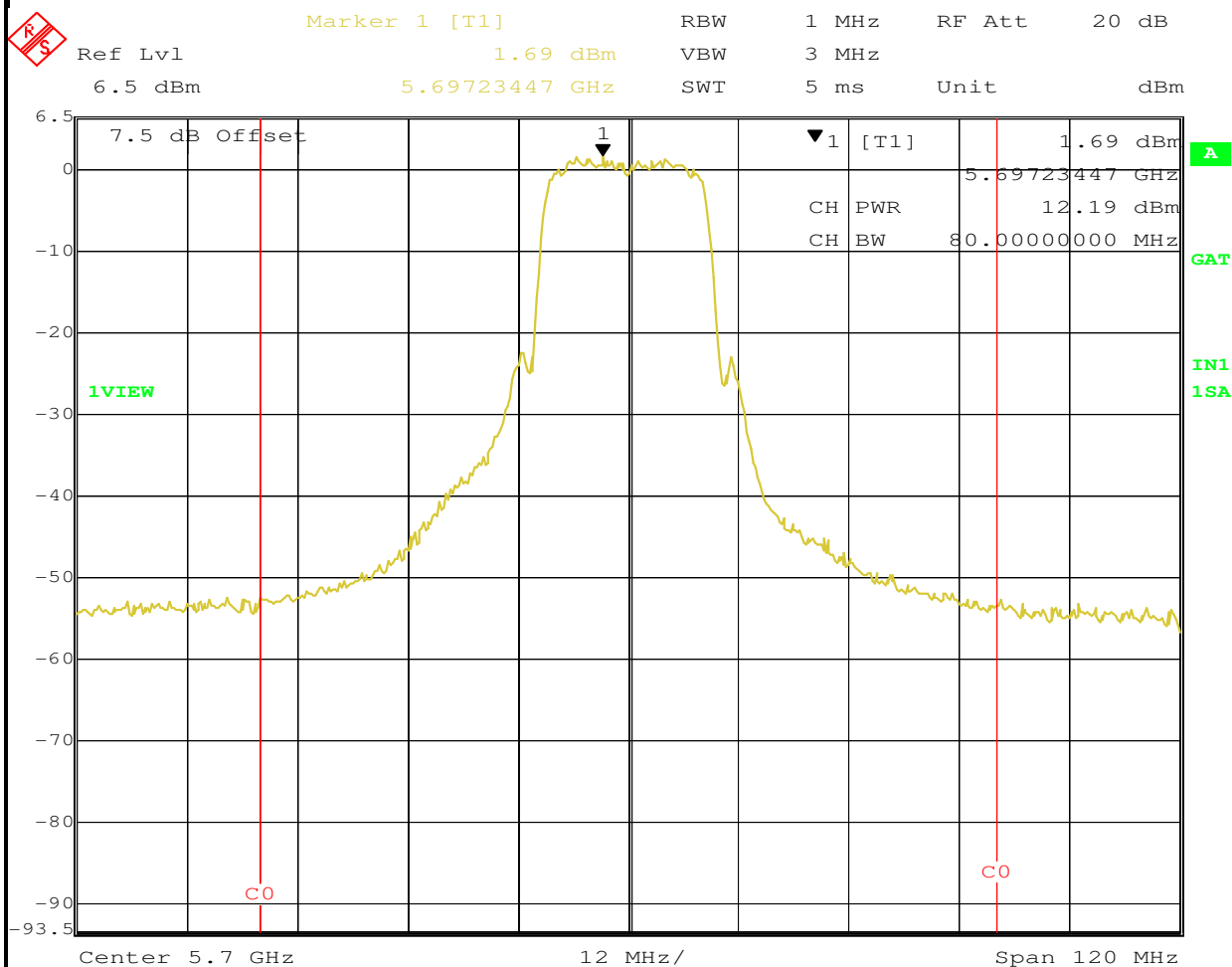
EMC Test Data

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

Channel 140 @ 5700 MHz

Output Power and PSD

Chain 1



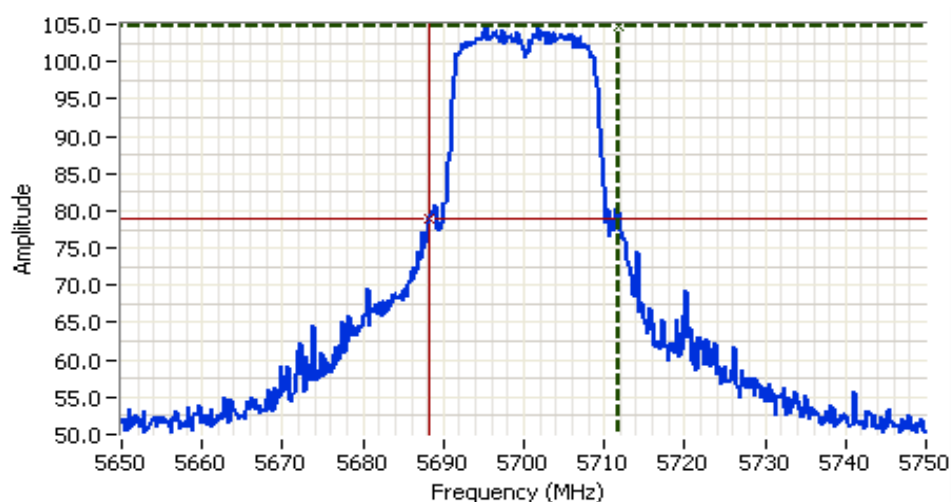
Date: 17.APR.2007 22:26:00

Client: Cisco-Linksys	Job Number: J67313
Model: WRT600N	T-Log Number: T67324
Contact: Kevin Lee	Account Manager: -
Standard: FCC 15.407 & RSS-210	Class: N/A

Channel 140 @ 5700 MHz

26dB Bandwidth

Chain 1



Analyzer Settings

HP8564E,EMI
CF: 5700.00 MHz
SPAN:100.00 MHz
RB 300 kHz
VB 1.000 MHz
Detector POS
Att 20
RL Offset 0.00
Sweep Time 50.0ms
Ref Lvl:115.00DBUV

Comments

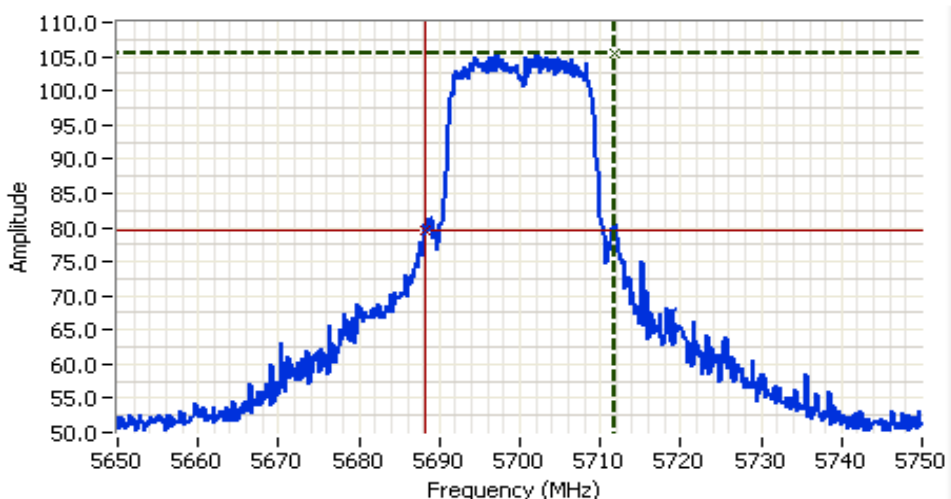
26dB Bandwidth

Cursor 1 5711.83 104.83
Cursor 2 5688.33 78.83

Delta Freq. 23.50
Delta Amplitude 26.00



Chain 2



Analyzer Settings

HP8564E,EMI
CF: 5700.00 MHz
SPAN:100.00 MHz
RB 300 kHz
VB 1.000 MHz
Detector POS
Att 20
RL Offset 0.00
Sweep Time 50.0ms
Ref Lvl:115.00DBUV

Comments

26dB Bandwidth

Cursor 1 5711.83 105.50
Cursor 2 5688.33 79.50

Delta Freq. 23.50
Delta Amplitude 26.00

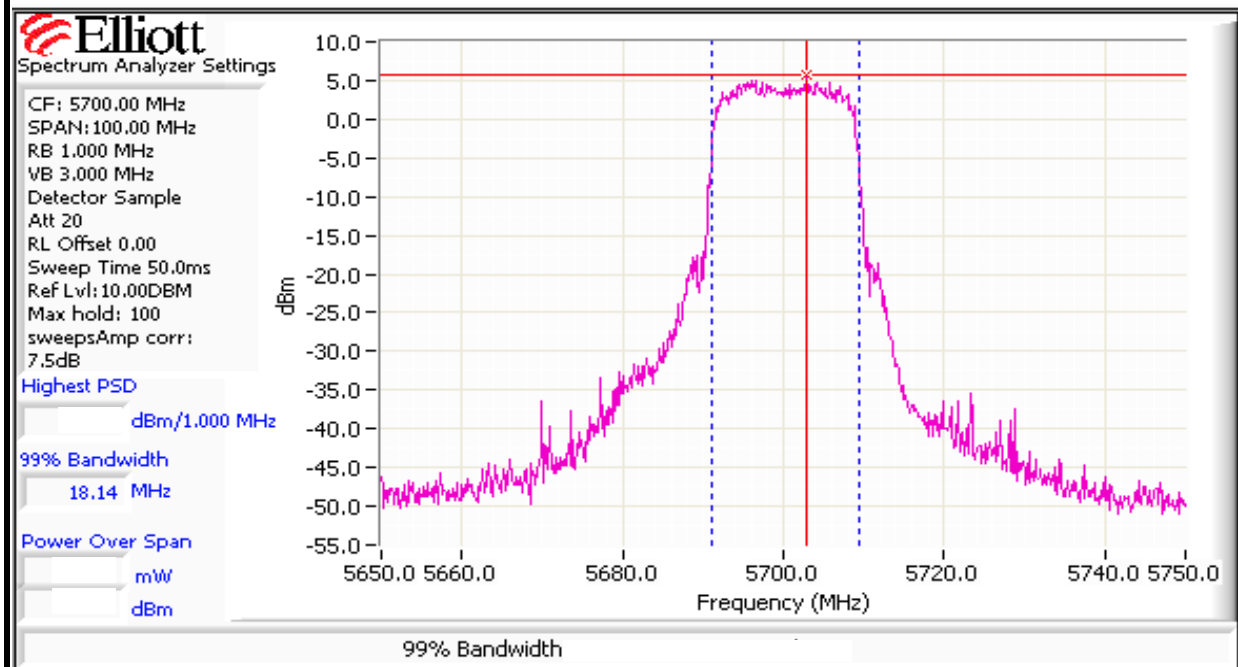


Client: Cisco-Linksys	Job Number: J67313
Model: WRT600N	T-Log Number: T67324
Contact: Kevin Lee	Account Manager: -
Standard: FCC 15.407 & RSS-210	Class: N/A

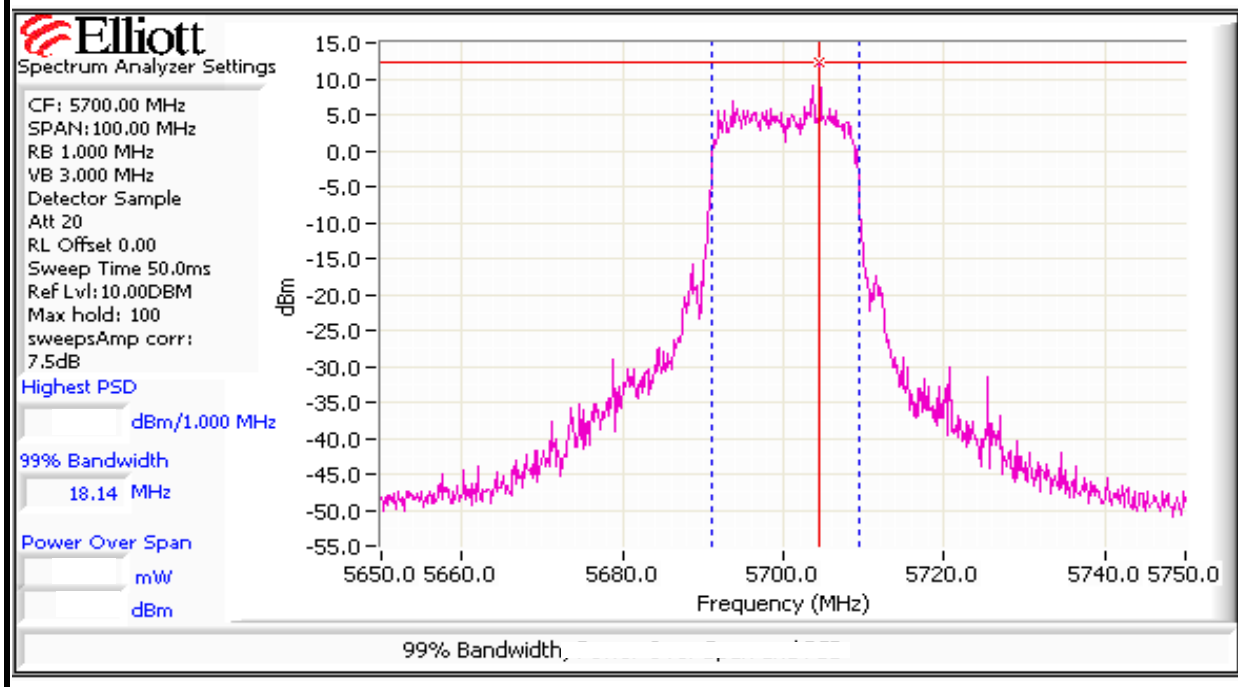
Channel 140 @ 5700 MHz

99% Bandwidth

Chain 1



Chain 2





EMC Test Data

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

Run #1b: Power spectral Density

Power Setting	Frequency (MHz)	PSD (dBm/1MHz) ^{Note 1}			dBm/1MHz	
		Main (dBm)	Aux (dBm)	Total		
0x2222	5500	1.5	1.3	4.4	10.3	Pass
0x2121	5600	1.3	1.6	4.5	10.3	Pass
0x1919	5700	1.7	1.9	4.8	10.3	Pass

Note 1:	PSD - if transmit chains are coherent then the PSD is calculated from the sum of the antenna gains plus the total power (i.e. beam-forming is assumed because of coherency on the chains). If the individual chains are incoherent then the PSD is calculated from the sum of the individual EIRPs for each chain.
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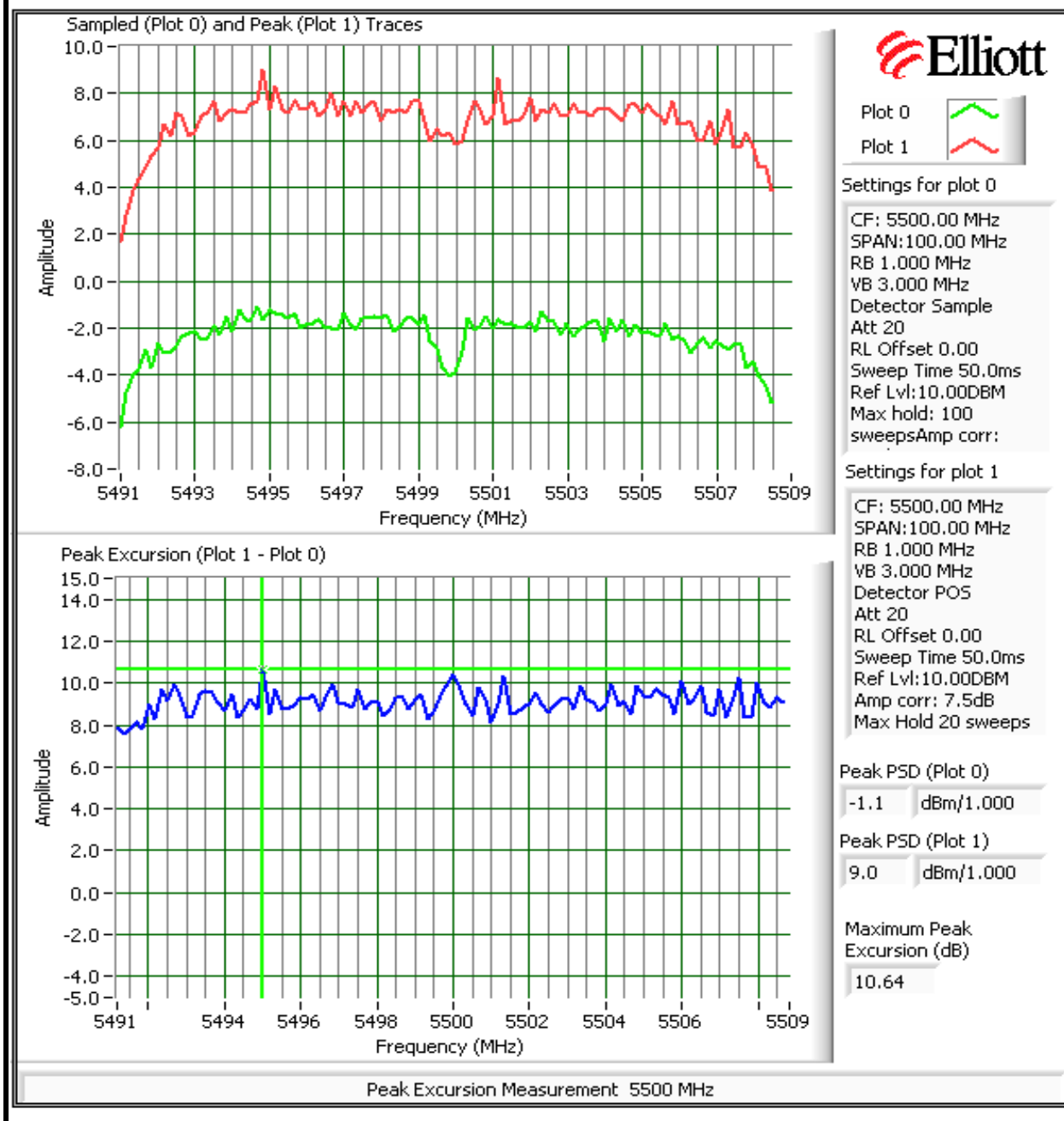
Client: Cisco-Linksys	Job Number: J67313
Model: WRT600N	T-Log Number: T67324
Contact: Kevin Lee	Account Manager: -
Standard: FCC 15.407 & RSS-210	Class: N/A

Run #2: Peak Excursion Measurement

Plots Showing Peak Excursion

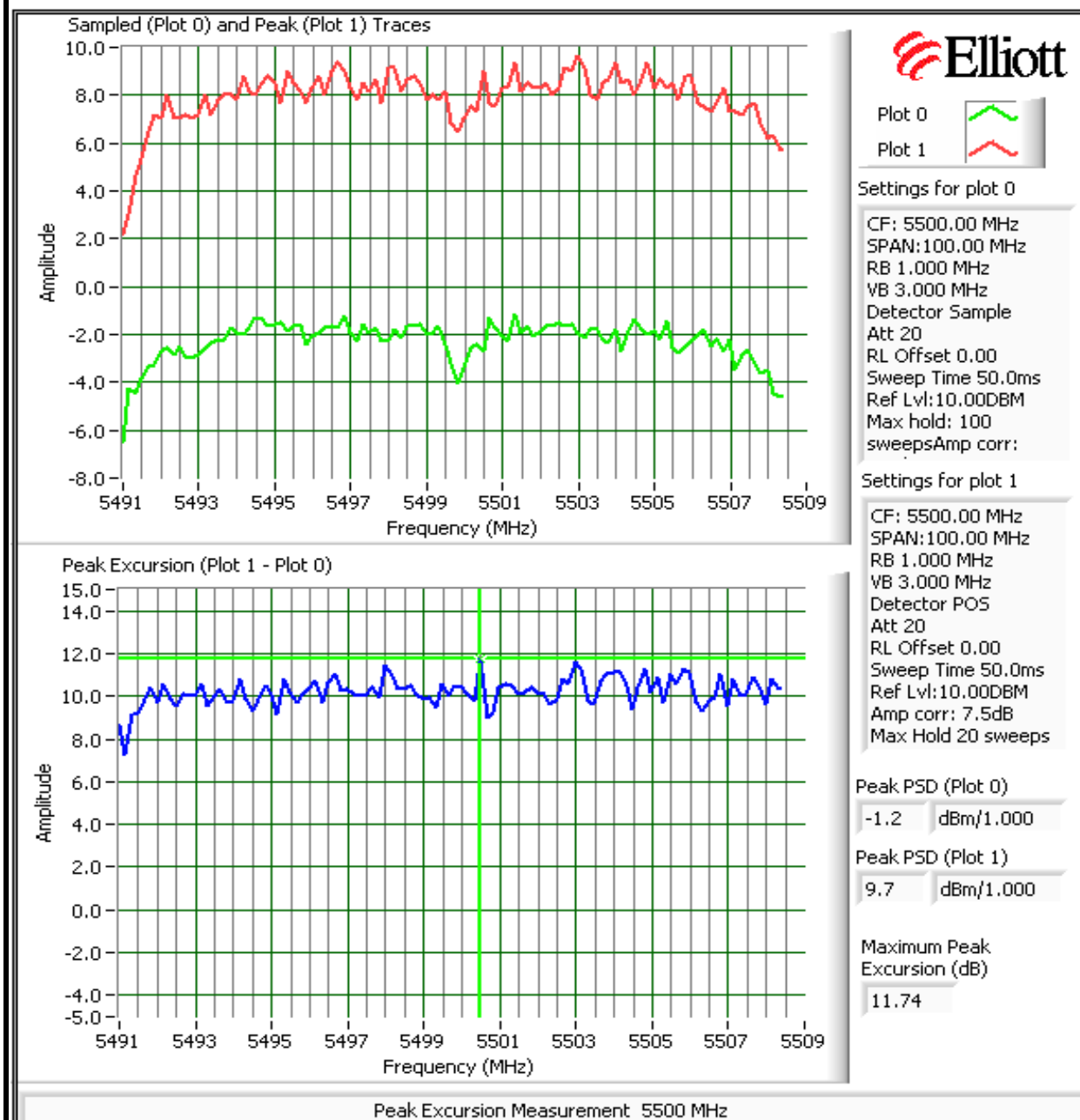
Channel 100 @ 5500 MHz

Chain 1



Client: Cisco-Linksys	Job Number: J67313
Model: WRT600N	T-Log Number: T67324
Contact: Kevin Lee	Account Manager: -
Standard: FCC 15.407 & RSS-210	Class: N/A

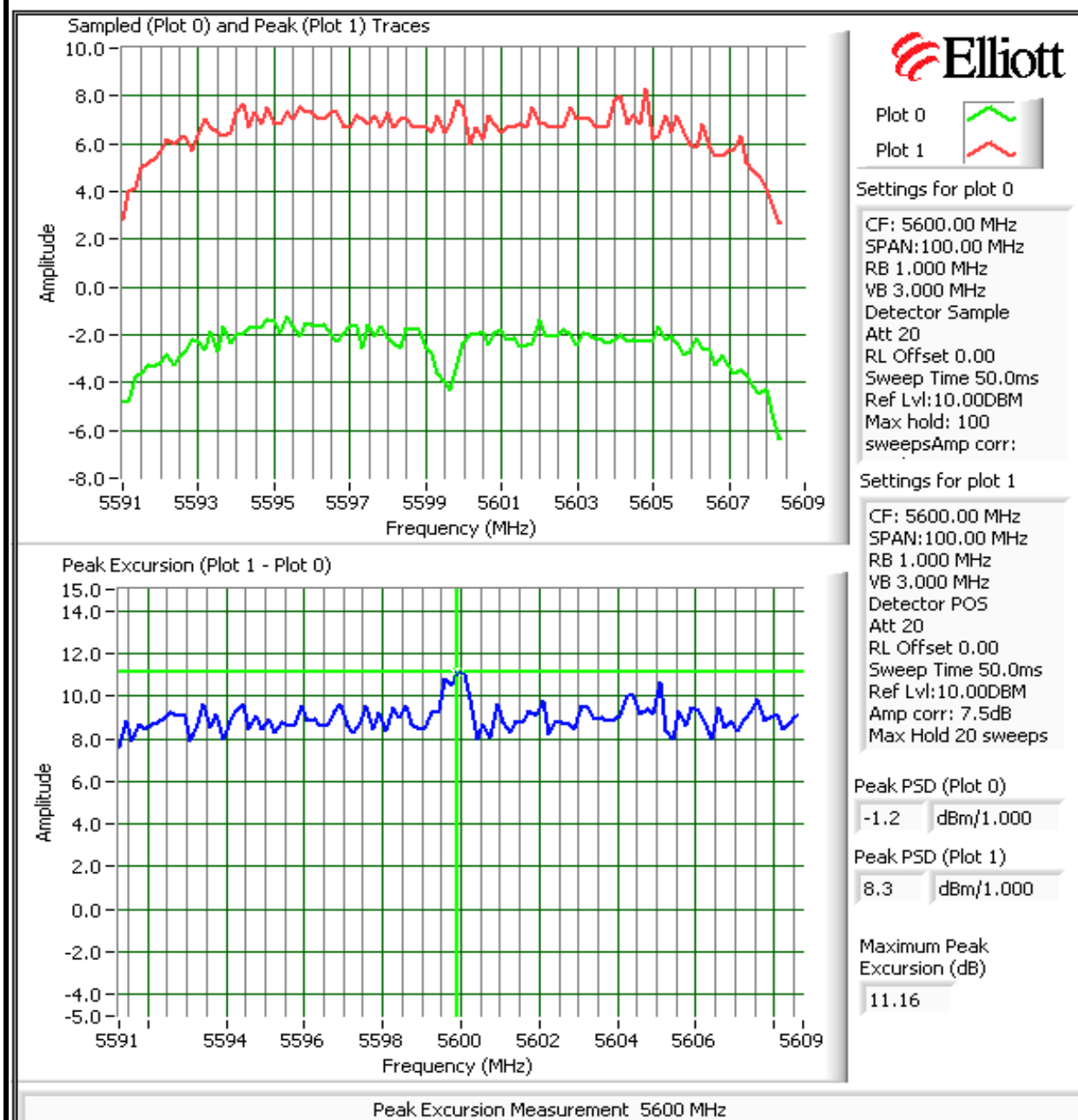
Chain 2



Client: Cisco-Linksys	Job Number: J67313
Model: WRT600N	T-Log Number: T67324
Contact: Kevin Lee	Account Manager: -
Standard: FCC 15.407 & RSS-210	Class: N/A

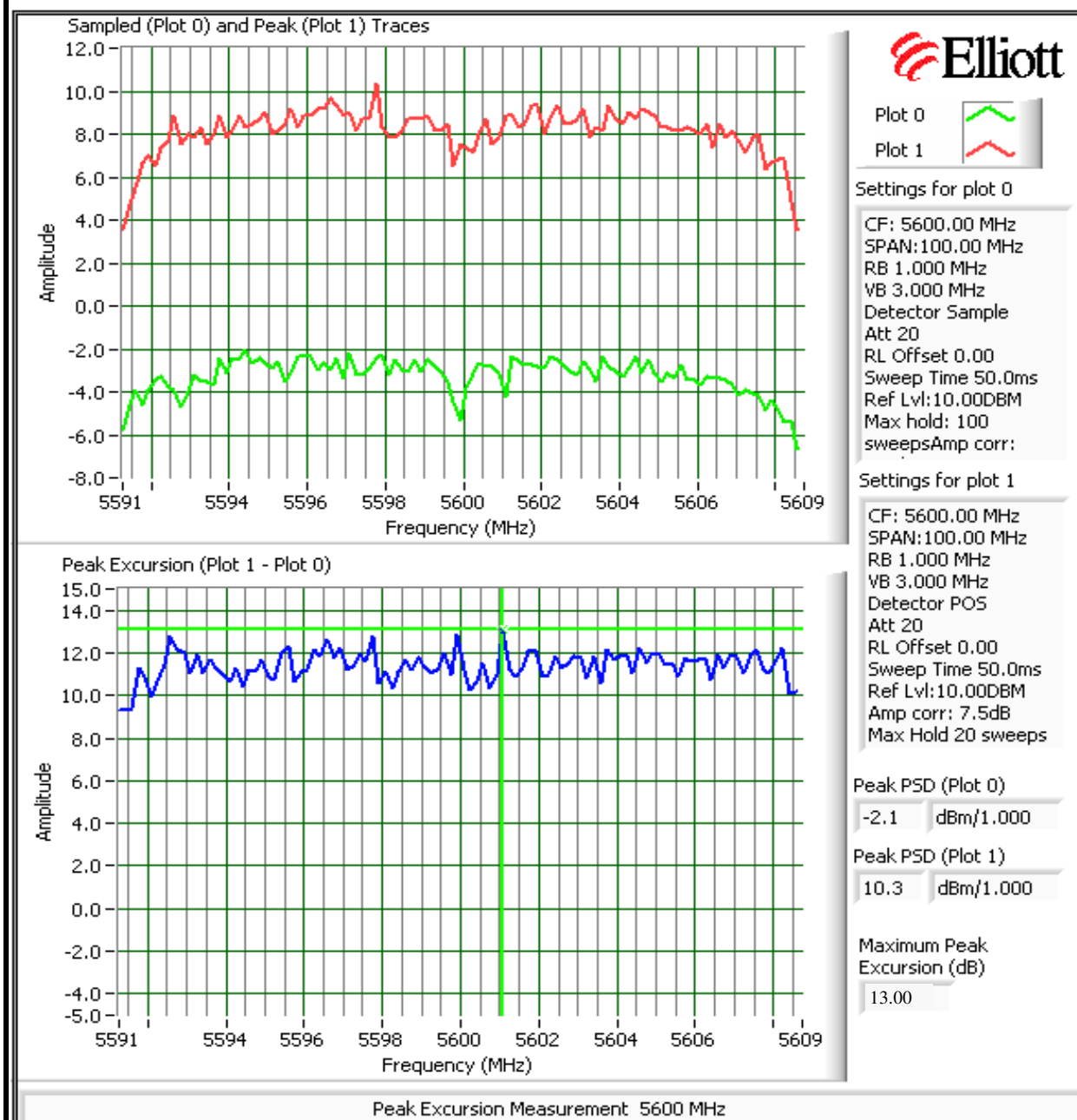
Channel 120 @ 5600 MHz

Chain 1



Client: Cisco-Linksys	Job Number: J67313
Model: WRT600N	T-Log Number: T67324
Contact: Kevin Lee	Account Manager: -
Standard: FCC 15.407 & RSS-210	Class: N/A

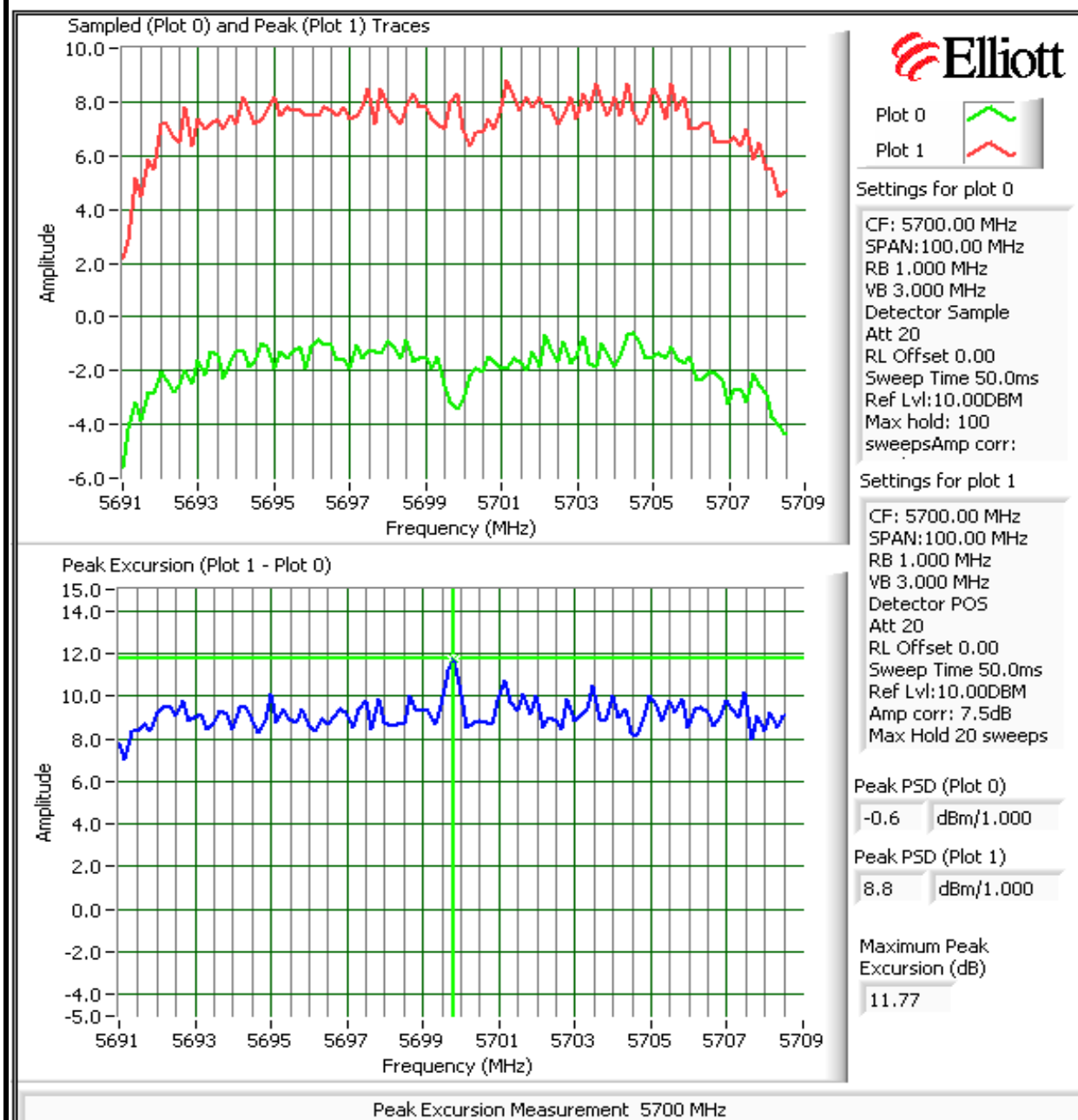
Chain 2



Client: Cisco-Linksys	Job Number: J67313
Model: WRT600N	T-Log Number: T67324
Contact: Kevin Lee	Account Manager: -
Standard: FCC 15.407 & RSS-210	Class: N/A

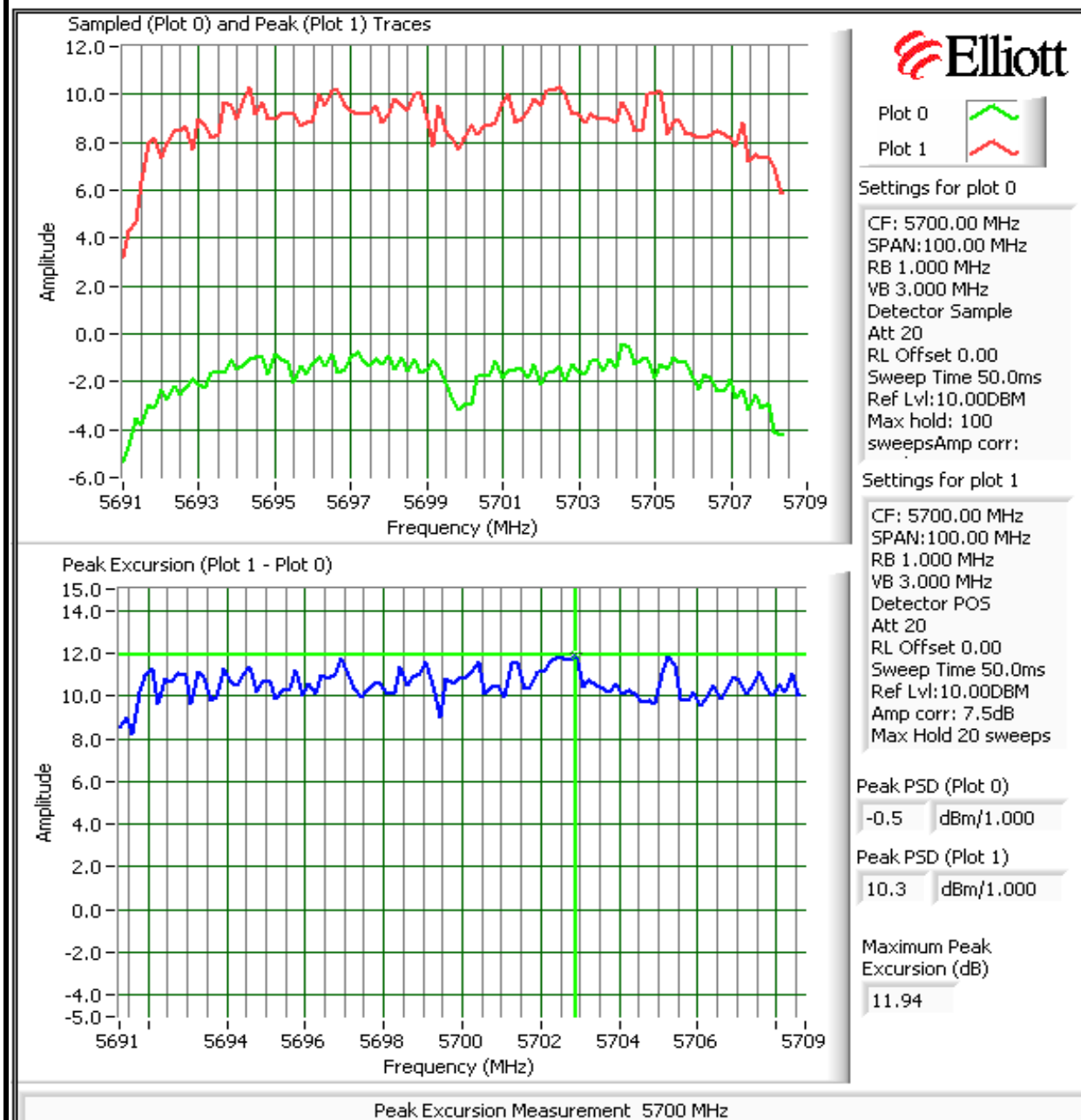
Channel 140 @ 5700 MHz

Chain 1



Client: Cisco-Linksys	Job Number: J67313
Model: WRT600N	T-Log Number: T67324
Contact: Kevin Lee	Account Manager: -
Standard: FCC 15.407 & RSS-210	Class: N/A

Chain 2



Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

Run #3: Out Of Band Spurious Emissions - Antenna Conducted

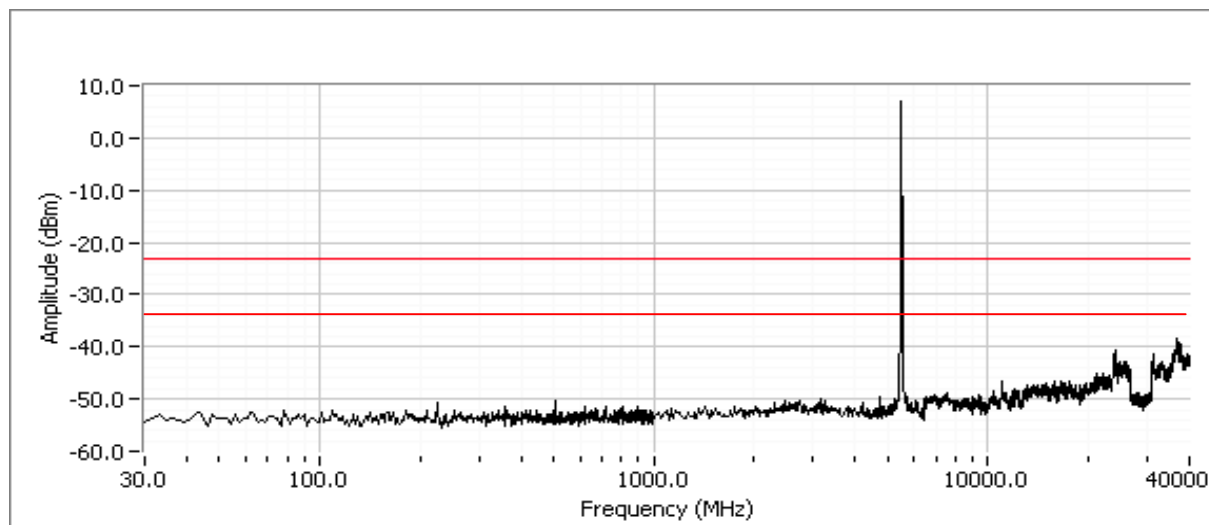
Maximum Antenna Gain: 3.7 dBi
 Spurious Limit: -27 dBm/MHz eirp
 Limit Used On Plots ^{Note 1}: -30.7 dBm/MHz

Note 1:	The -27dBm/MHz limit is an eirp limit. The limit for antenna port conducted measurements is adjusted to take into consideration the maximum antenna gain (limit = -27dBm - antenna gain). Radiated field strength measurements for signals more than 50MHz from the bands and that are close to the limit are made to determine compliance as the antenna gain is not known at these frequencies.
Note 2:	All spurious signals below 1GHz are measured during digital device radiated emissions test.
Note 4:	If the device is for outdoor use then the -27dBm eirp limit also applies in the 5150 - 5250 MHz band.
Note 5:	Signals that fall in the restricted bands of 15.205 are subject to the limit of 15.209.

Plots Showing Out-Of-Band Emissions (RBW=VBW=1MHz)

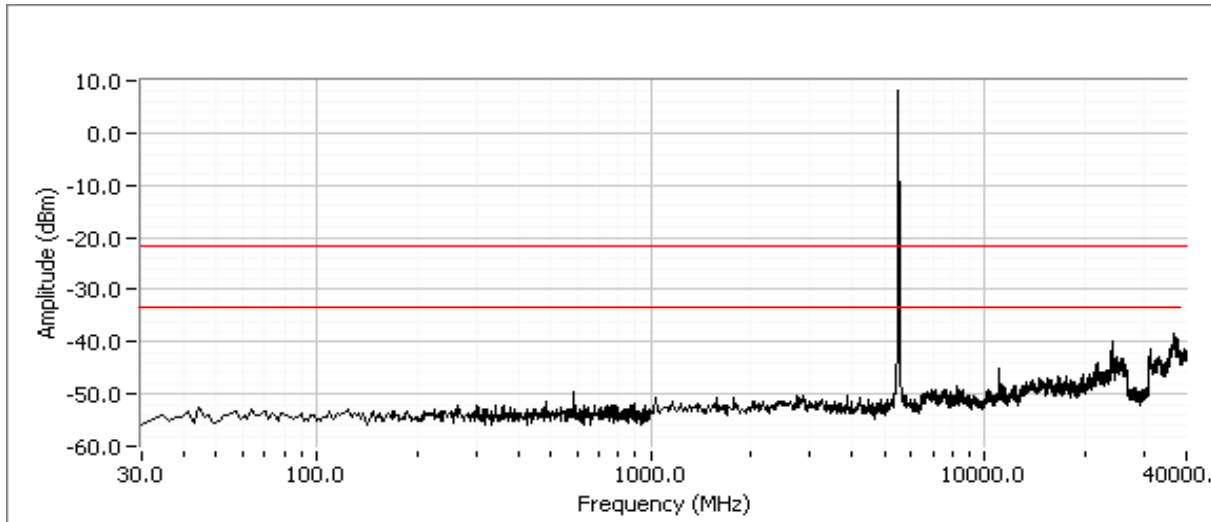
Channel 100 @ 5500 MHz

Chain 1



Client: Cisco-Linksys	Job Number: J67313
Model: WRT600N	T-Log Number: T67324
Contact: Kevin Lee	Account Manager: -
Standard: FCC 15.407 & RSS-210	Class: N/A

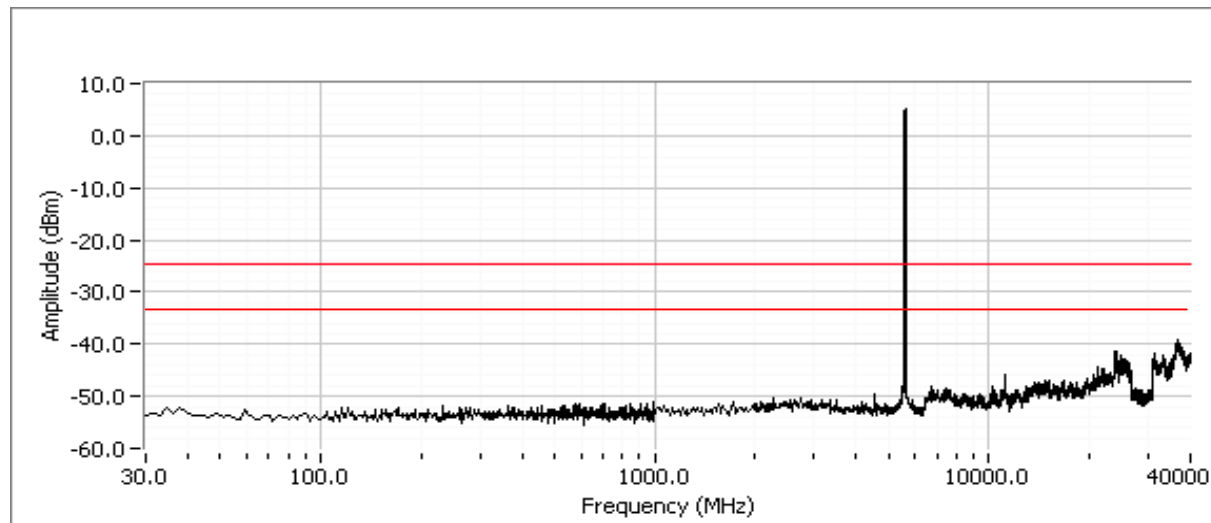
Chain 2



Plots Showing Out-Of-Band Emissions (RBW=VBW=1MHz)

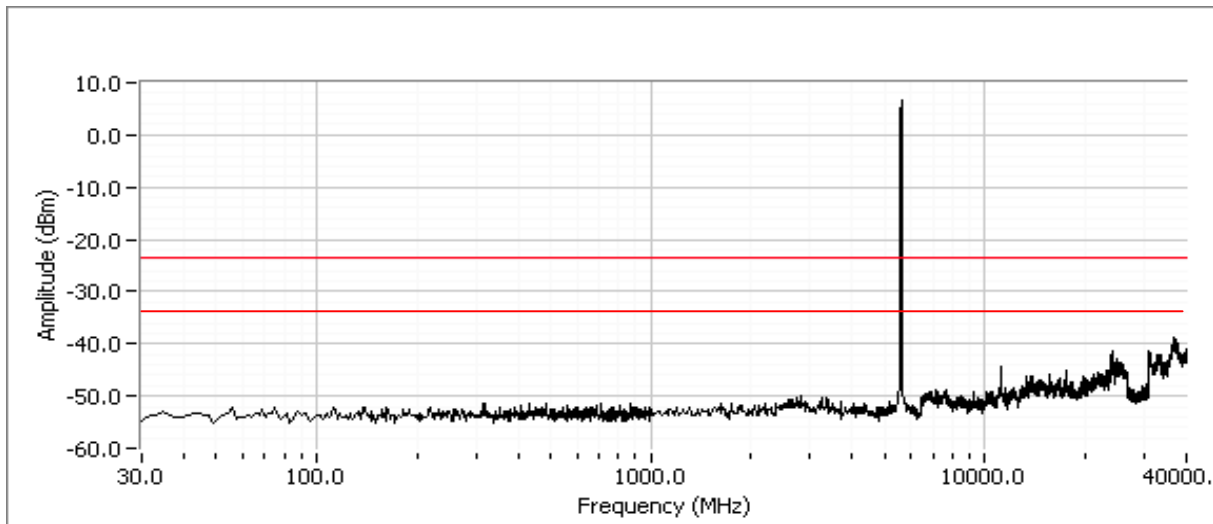
Channel 120 @ 5600 MHz

Chain 1



Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

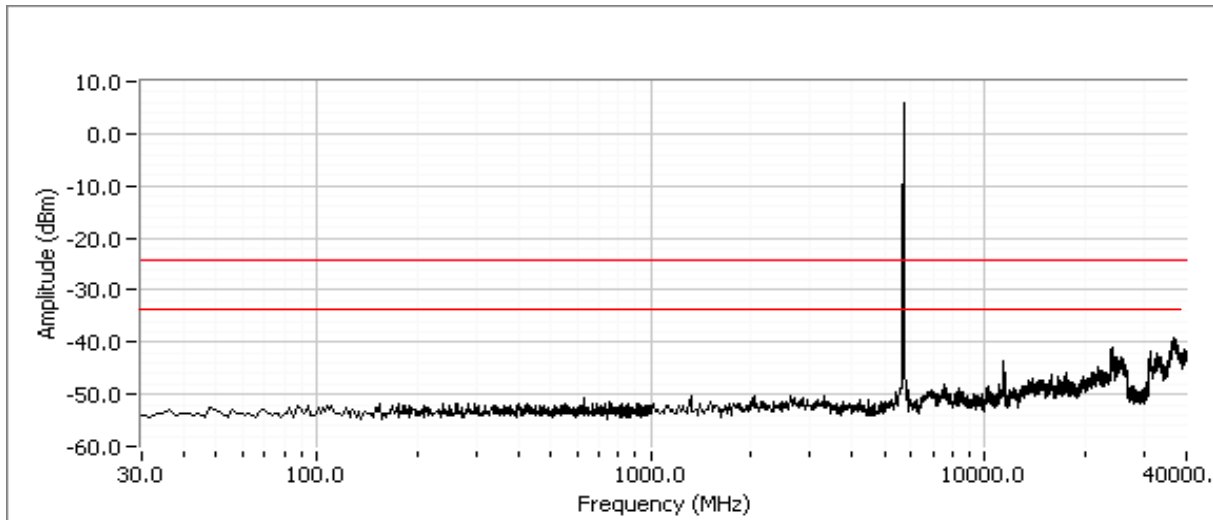
Chain 2



Plots Showing Out-Of-Band Emissions (RBW=VBW=1MHz)

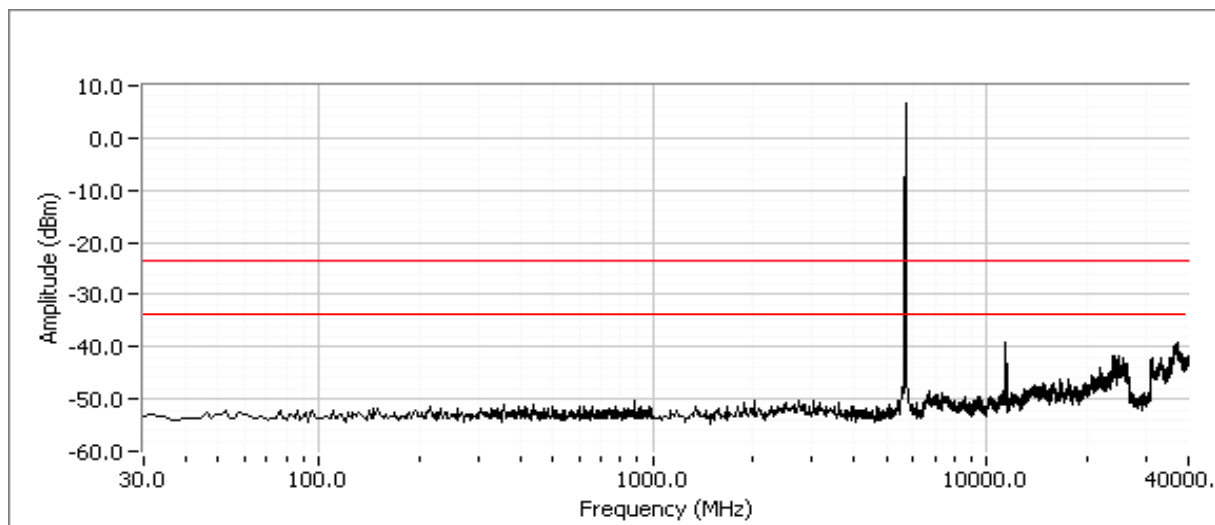
Channel 140 @ 5700 MHz

Chain 1



Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

Chain 2



Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

FCC Part 15 Subpart E Tests (5470-5725 MHz, CDD, 40 MHz)

Test Specific Details

Objective: The objective of this test session is to perform final qualification testing of the EUT with respect to the specification listed above.

Date of Test: 4/19/2007 0:00 Config. Used: 1
Test Engineer: Rafael Varelas Config Change: None
Test Location: Fremont Chamber #4 EUT Voltage: 120V/60Hz

General Test Configuration

When measuring the conducted emissions from the EUT's antenna port, the antenna port of the EUT was connected to the spectrum analyzer or power meter via a suitable attenuator to prevent overloading the measurement system. All measurements are corrected to allow for the external attenuators and cables used.

Ambient Conditions: Temperature: 20.9 °C
Rel. Humidity: 38 %

Summary of Results

Run #	Test Performed	Limit	Pass / Fail	Result / Margin
1	Power, 5470 - 5725MHz	15.407(a) (1), (2)	Pass	18 dBm
1	PSD, 5470 - 5725MHz	15.407(a) (1), (2)	Pass	4.62 dBm/Mhz
1	26dB Bandwidth	15.407	Pass	> 20 MHz
1	99% Bandwidth	RSS 210	Pass	36.6 Mhz
2	Peak Excursion Envelope	15.407(a) (6)	Pass	< 13dB
3	Antenna Conducted - Out of Band Spurious	15.407(b)	Pass	All emissions below the -27dBm/MHz limit

Modifications Made During Testing:

No modifications were made to the EUT during testing

Deviations From The Standard

No deviations were made from the requirements of the standard.



EMC Test Data

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

Run #1: Bandwidth, Output Power and Power spectral Density

Unit standing upright

Transmitted signal on chain is coherent ? Yes

Regulatory Final Power Measurements:

Power Setting ⁴	Frequency (MHz)	Output Power (dBm) ^{Note 1}			Antenna Gain (dBi) ^{Note 3}			EIRP ^{Note 2}	
		Chain 1	Chain 2	Total	Chain 1	Chain 2	Total	dBm	W
0x1010	5510	14.7	14.1	17.4	3.7	3.7	6.7	21.1	0.129
0x0d0d	5590	14.5	14.6	17.5	3.7	3.7	6.7	21.2	0.133
0x0b0b	5670	15.1	14.8	18.0	3.7	3.7	6.7	21.7	0.146

Frequency (MHz)	Software Setting	Bandwidth		Output Power ¹ dBm		Power (Watts)	PSD ² dBm/MHz			Result
		26dB	99% ⁴	Measured	Limit		Measured	FCC Limit	RSS Limit ³	
5510	0x1010	45.0	36.6	17.4	23.3	0.055	3.81	10.3	4.8	Pass
5590	0x0d0d	45.0	36.6	17.5	23.3	0.057	4.12	10.3	4.9	Pass
5670	0x0b0b	45.0	36.6	18.0	23.3	0.062	4.62	10.3	5.3	Pass

Note 1:

RBW=1MHz, VB=3 MHz, sample detector, power averaging on (transmitted signal was not continuous but the ESI analyzer was configured with a gated sweep such that the analyzer was only sweeping when the device was transmitting) and power integration over 100 MHz

Note 2:

Measured using the same analyzer settings used for output power.

Note 3:

For RSS210 the measured value of the PSD (see note 3) must not exceed the average value (calculated from the measured power divided by the measured 99% bandwidth) by more than 3dB.

Note 4:

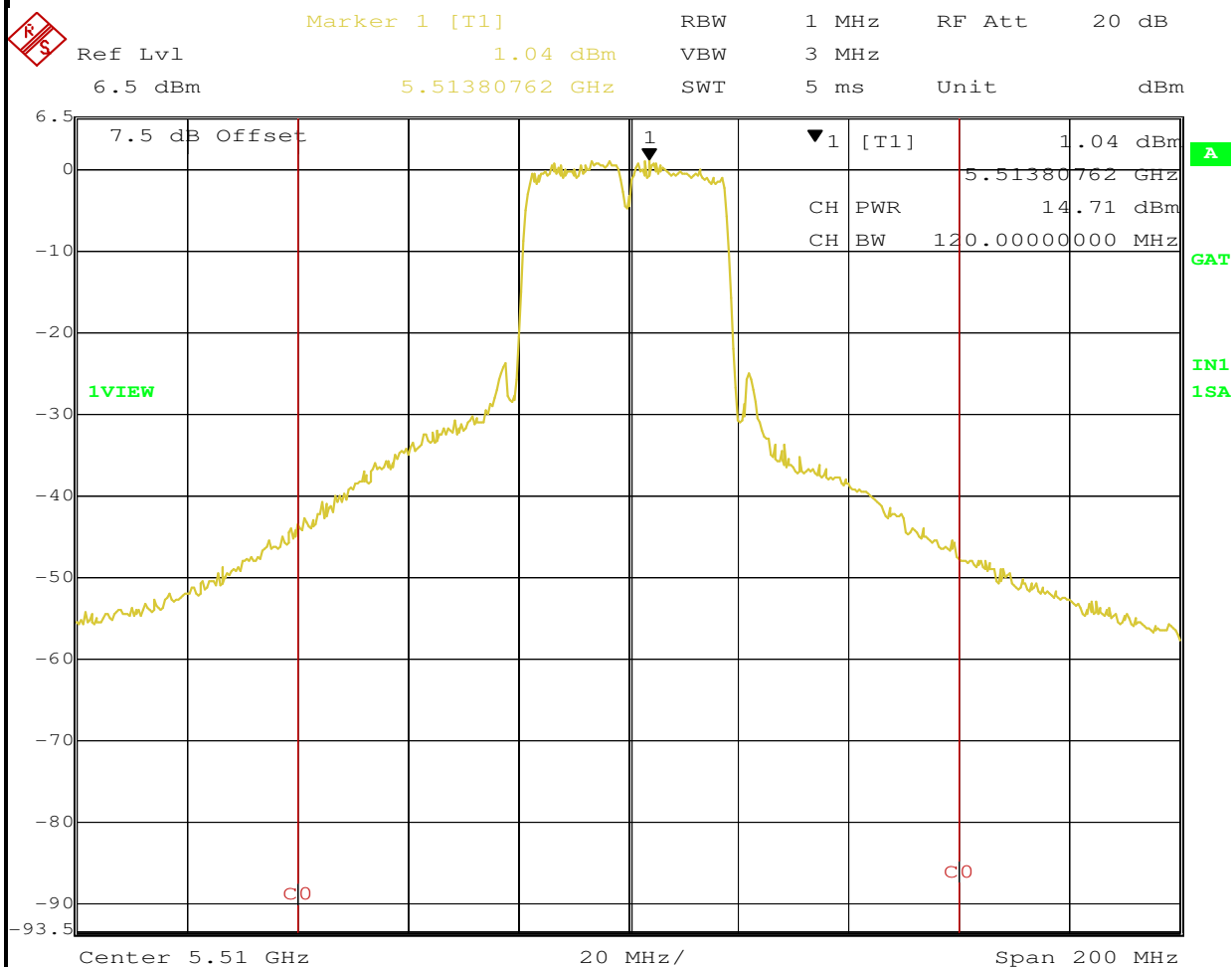
99% Bandwidth measured in accordance with RSS GEN - RB > 1% of span and VB >=3xRB

Client: Cisco-Linksys	Job Number: J67313
Model: WRT600N	T-Log Number: T67324
Contact: Kevin Lee	Account Manager: -
Standard: FCC 15.407 & RSS-210	Class: N/A

Low Channel 102 @ 5510 MHz

Output Power & PSD

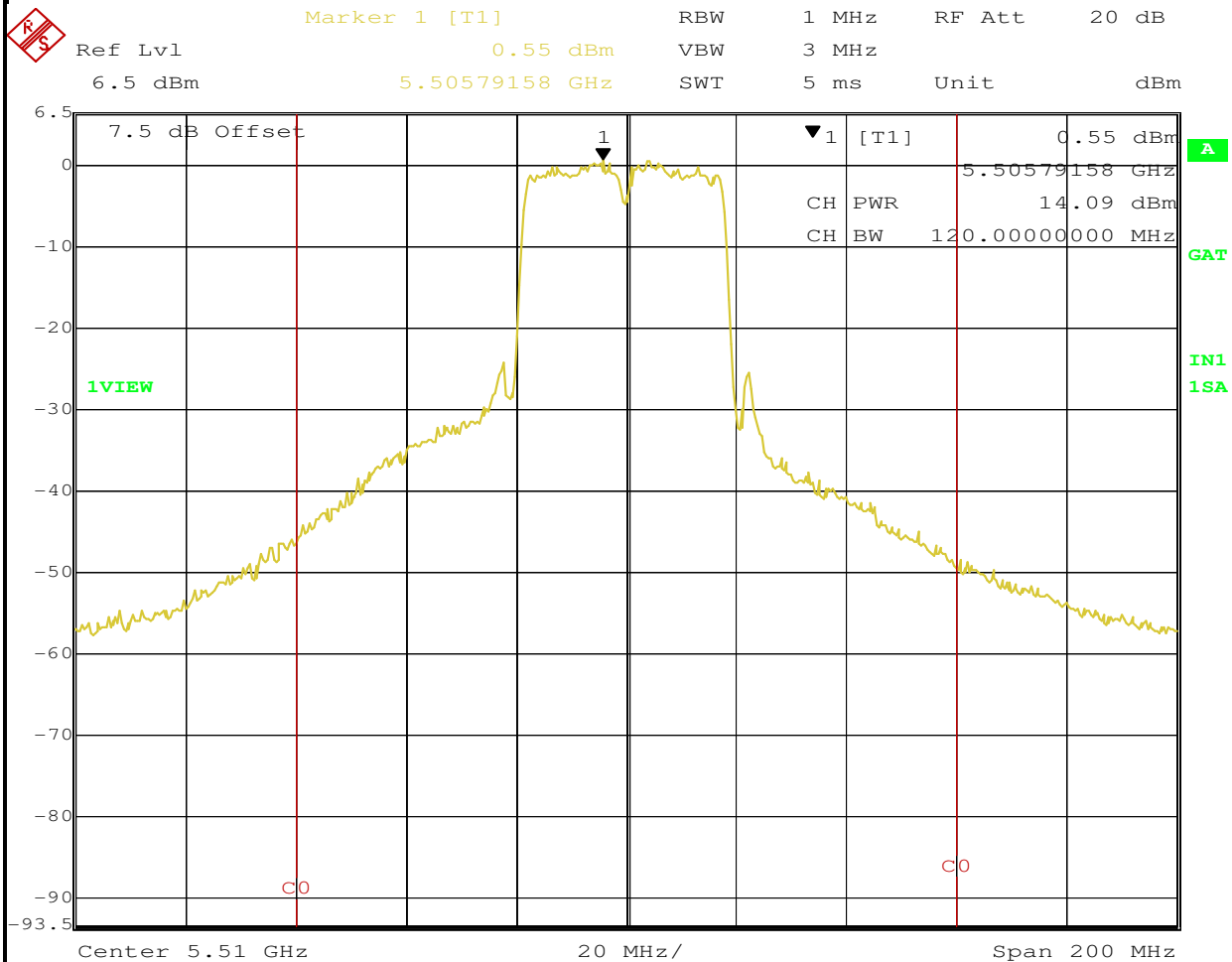
Chain 1



Date: 28.APR.2007 13:55:50

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

Chain 2



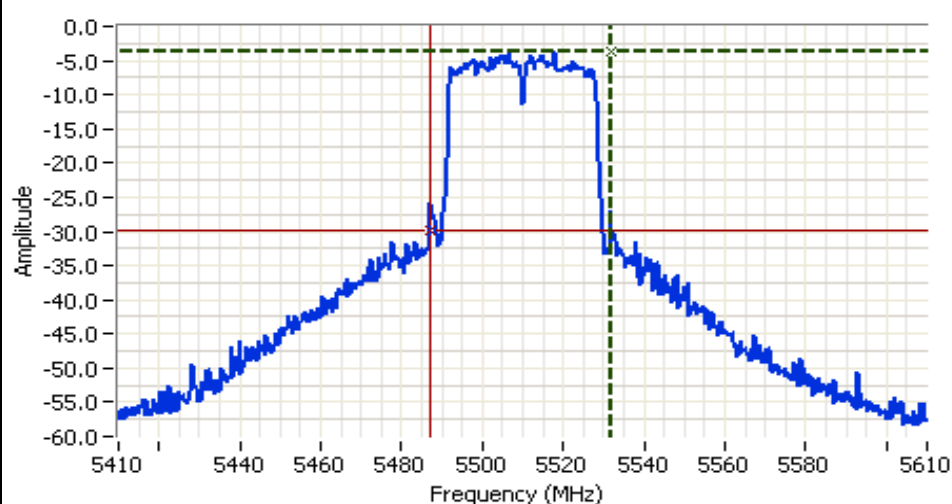
Date: 28.APR.2007 13:58:19

Client: Cisco-Linksys	Job Number: J67313
Model: WRT600N	T-Log Number: T67324
Contact: Kevin Lee	Account Manager: -
Standard: FCC 15.407 & RSS-210	Class: N/A

Low Channel 102 @ 5510 MHz

26dB Bandwidth

Chain 1



Analyzer Settings

HP8564E,EMI
CF: 5510.00 MHz
SPAN:200.00 MHz
RB 300 kHz
VB 1.000 MHz
Detector POS
Att 20
RL Offset 0.00
Sweep Time 50.0ms
Ref Lvl:10.00DBM

Comments

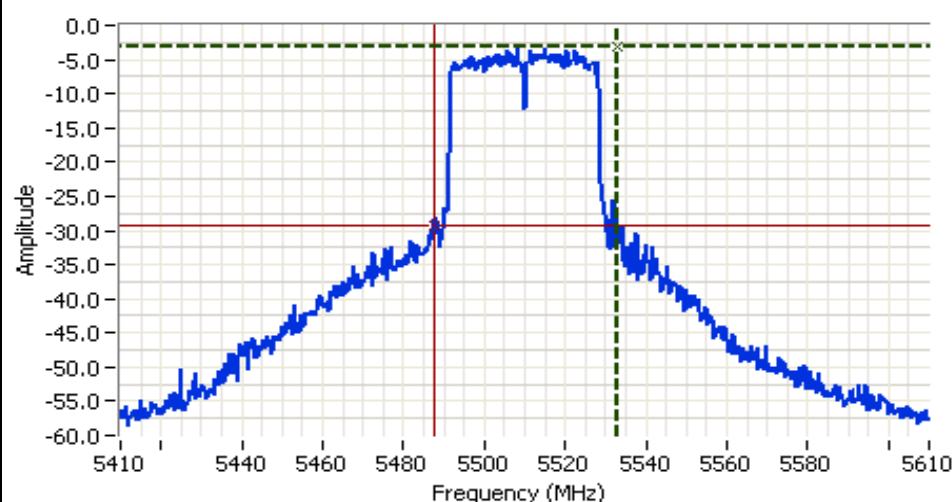
26dB Bandwidth

Cursor 1 5532.00 -3.83
Cursor 2 5487.00 -29.83

Delta Freq. 45.00
Delta Amplitude 26.00



Chain 2



Analyzer Settings

HP8564E,EMI
CF: 5510.00 MHz
SPAN:200.00 MHz
RB 300 kHz
VB 1.000 MHz
Detector POS
Att 20
RL Offset 0.00
Sweep Time 50.0ms
Ref Lvl:10.00DBM

Comments

Cursor 1 5532.66 -3.17
Cursor 2 5487.66 -29.17

Delta Freq. 45.00
Delta Amplitude 26.00

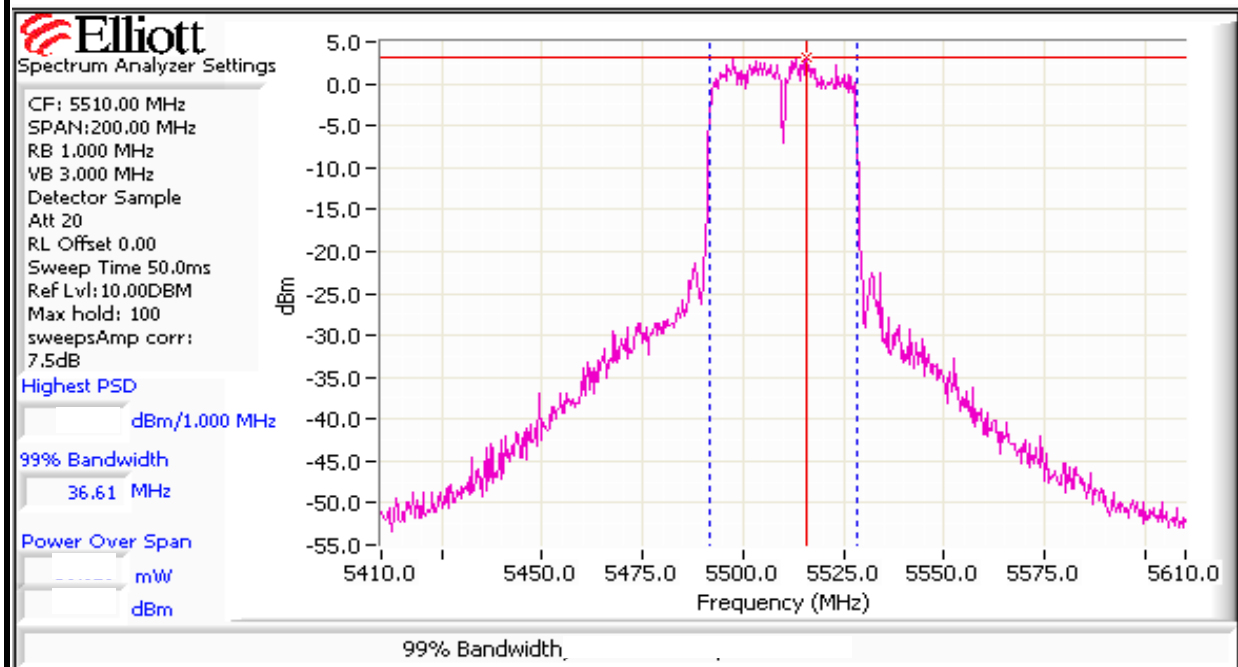


Client: Cisco-Linksys	Job Number: J67313
Model: WRT600N	T-Log Number: T67324
Contact: Kevin Lee	Account Manager: -
Standard: FCC 15.407 & RSS-210	Class: N/A

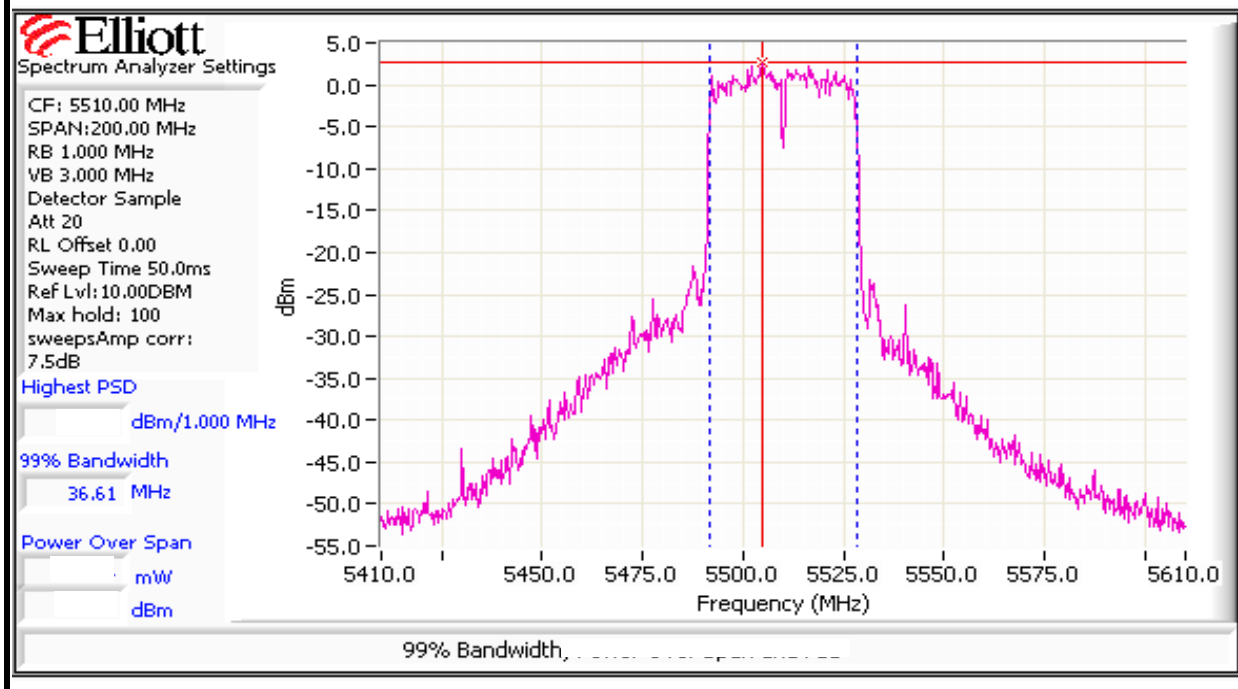
Low Channel 102 @ 5510 MHz

99% Bandwidth

Chain 1



Chain 2





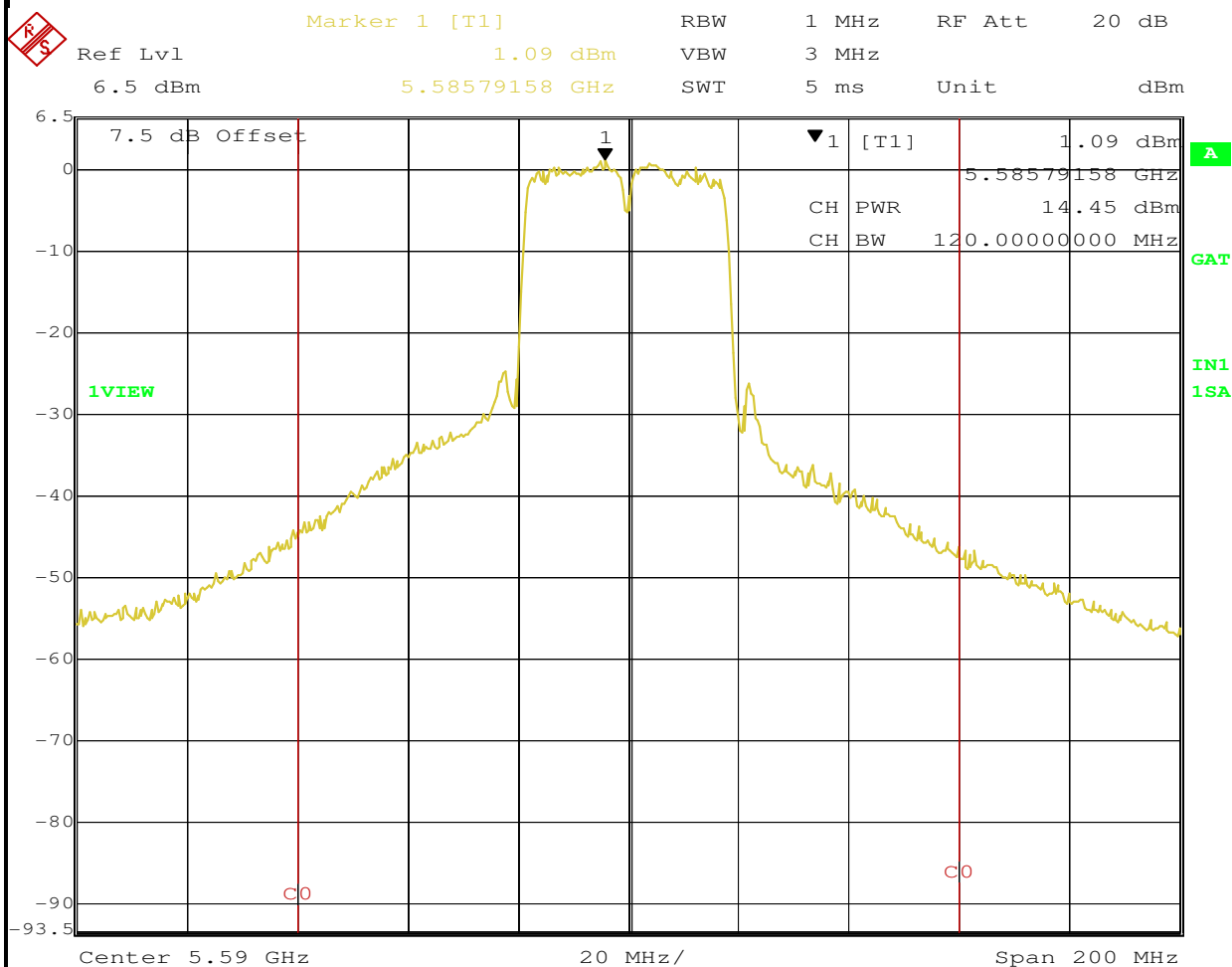
EMC Test Data

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

Middle Channel 118 @ 5590 MHz

Output Power & PSD

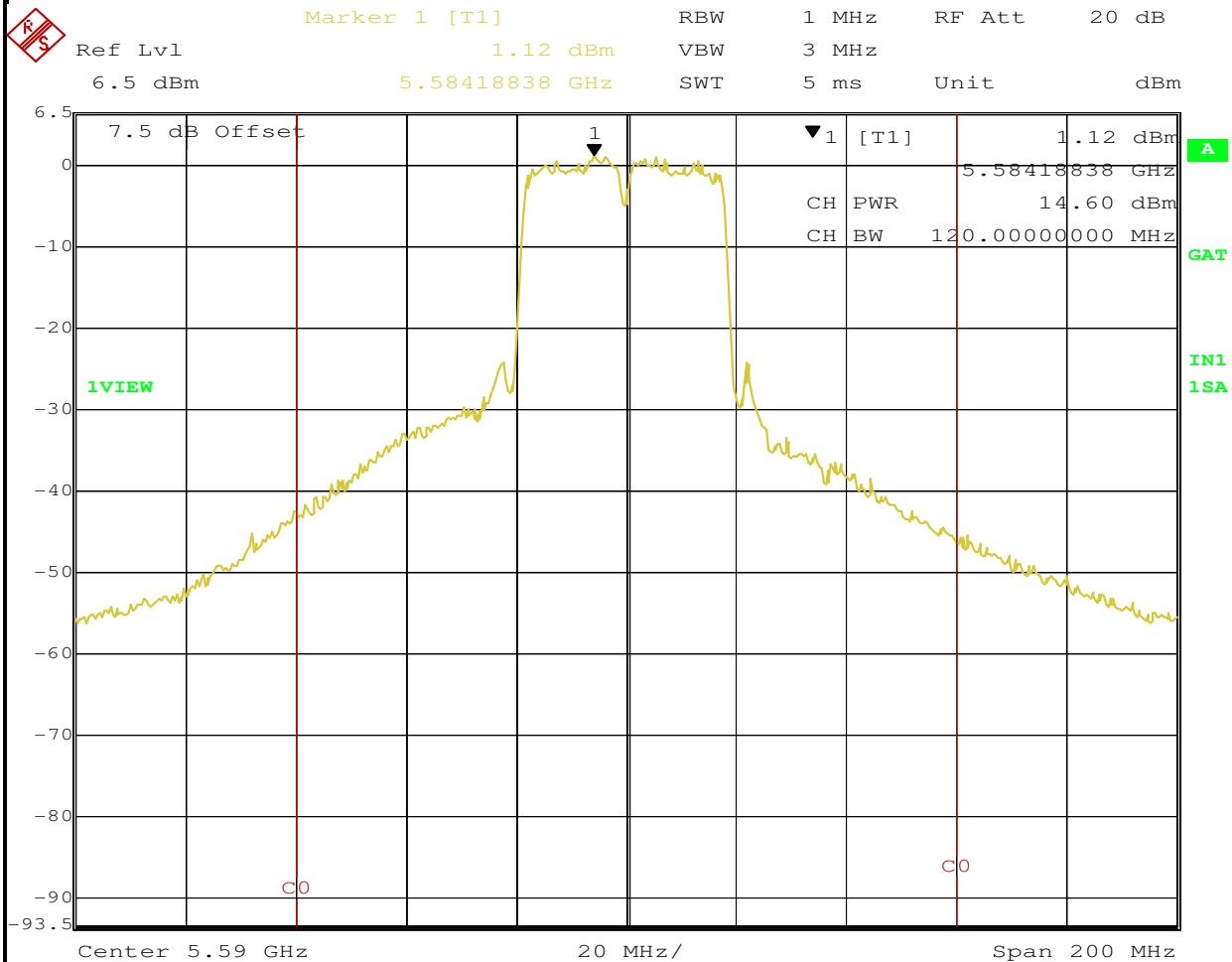
Chain 1



Date: 28.APR.2007 14:05:19

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

Chain 2



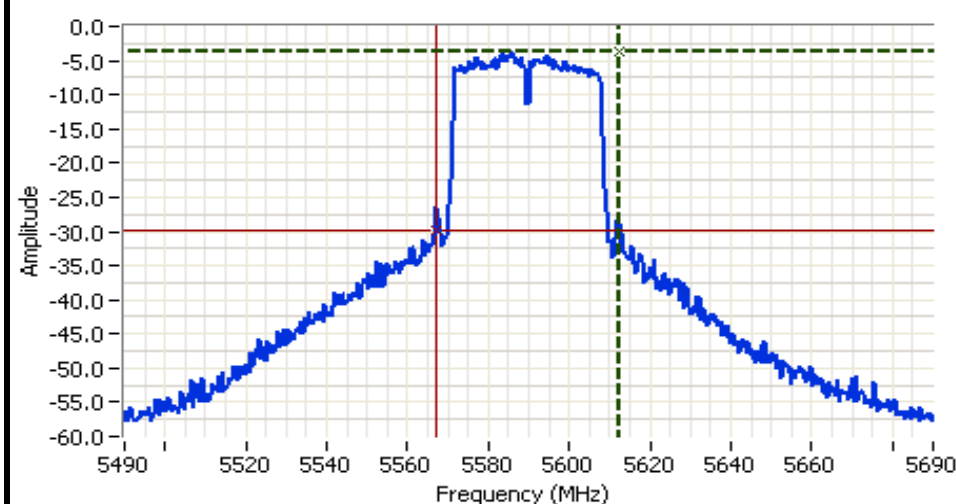
Date: 28.APR.2007 14:03:03

Client: Cisco-Linksys	Job Number: J67313
Model: WRT600N	T-Log Number: T67324
Contact: Kevin Lee	Account Manager: -
Standard: FCC 15.407 & RSS-210	Class: N/A

Middle Channel 118 @ 5590 MHz

26dB Bandwidth

Chain 1



Analyzer Settings

HP8564E,EMI
CF: 5590.00 MHz
SPAN:200.00 MHz
RB 300 kHz
VB 1.000 MHz
Detector POS
Att 20
RL Offset 0.00
Sweep Time 50.0ms
Ref Lvl:10.00DBM

Comments

26dB Bandwidth

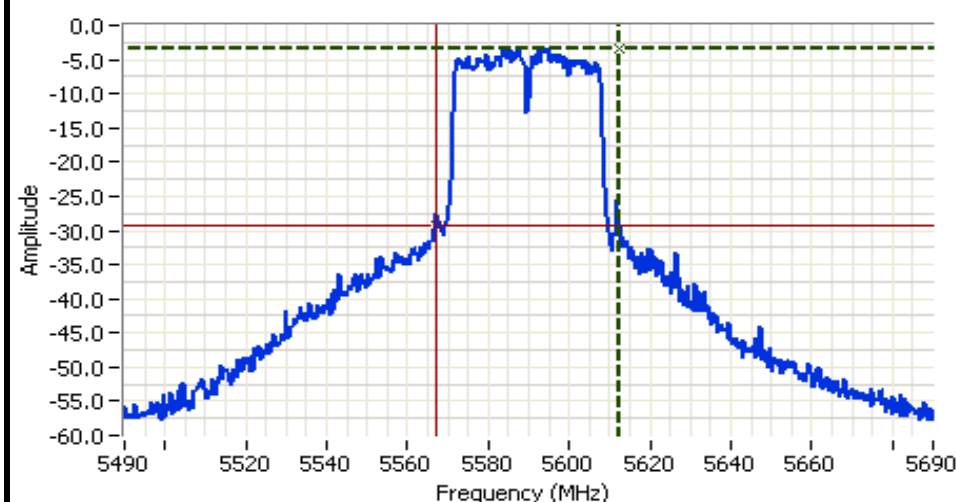
Cursor 1 5612.33' -3.83
Cursor 2 5567.33' -29.83

Delta Freq. 45.00

Delta Amplitude 26.00



Chain 2



Analyzer Settings

HP8564E,EMI
CF: 5590.00 MHz
SPAN:200.00 MHz
RB 300 kHz
VB 1.000 MHz
Detector POS
Att 20
RL Offset 0.00
Sweep Time 50.0ms
Ref Lvl:10.00DBM

Comments

26dB Bandwidth

Cursor 1 5612.33' -3.33
Cursor 2 5567.33' -29.33

Delta Freq. 45.00

Delta Amplitude 26.00

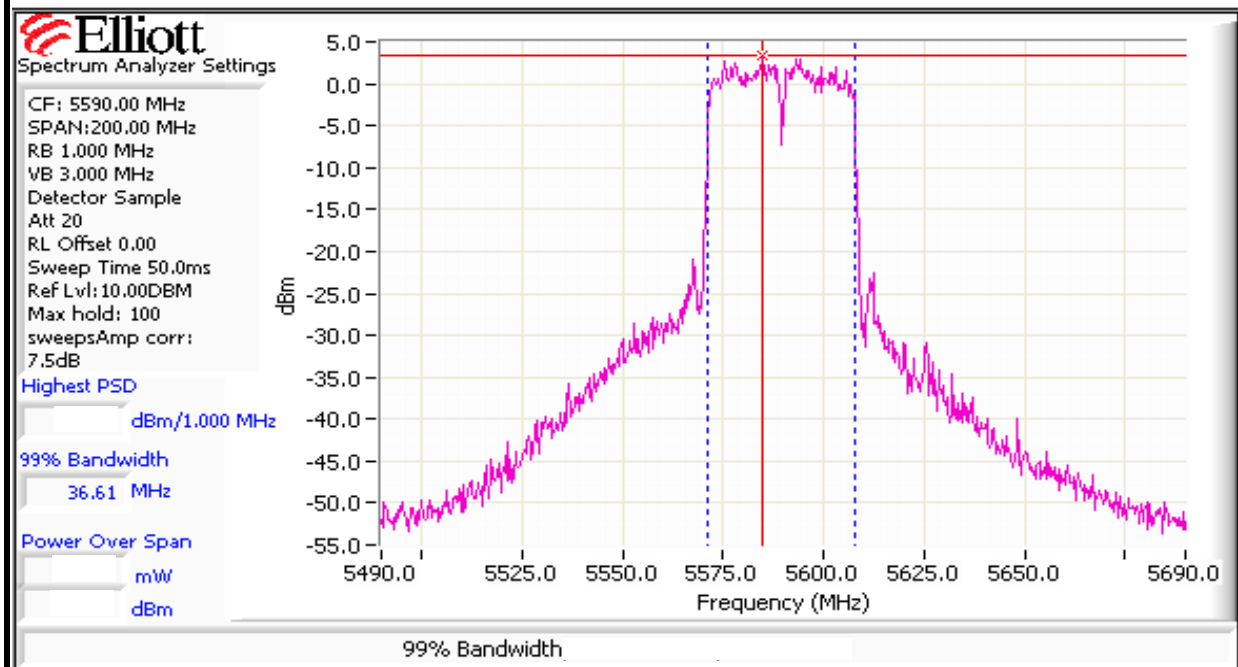


Client: Cisco-Linksys	Job Number: J67313
Model: WRT600N	T-Log Number: T67324
Contact: Kevin Lee	Account Manager: -
Standard: FCC 15.407 & RSS-210	Class: N/A

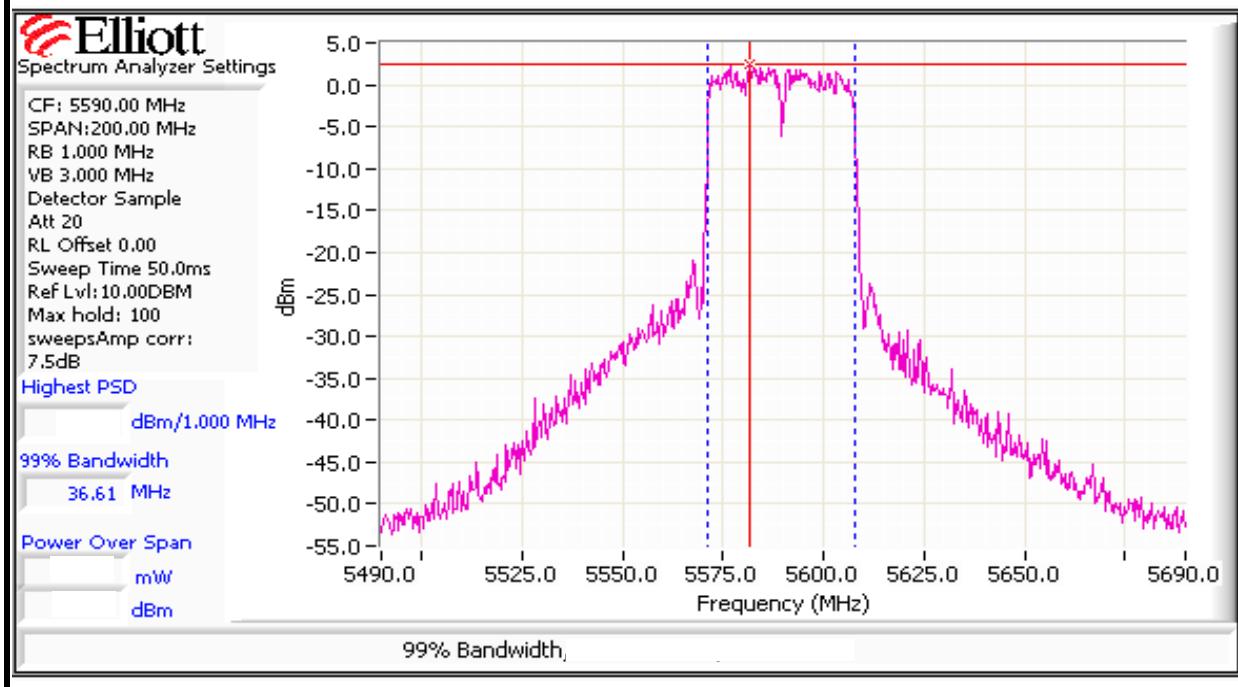
Middle Channel 118 @ 5590 MHz

99% Bandwidth

Chain 1



Chain 2

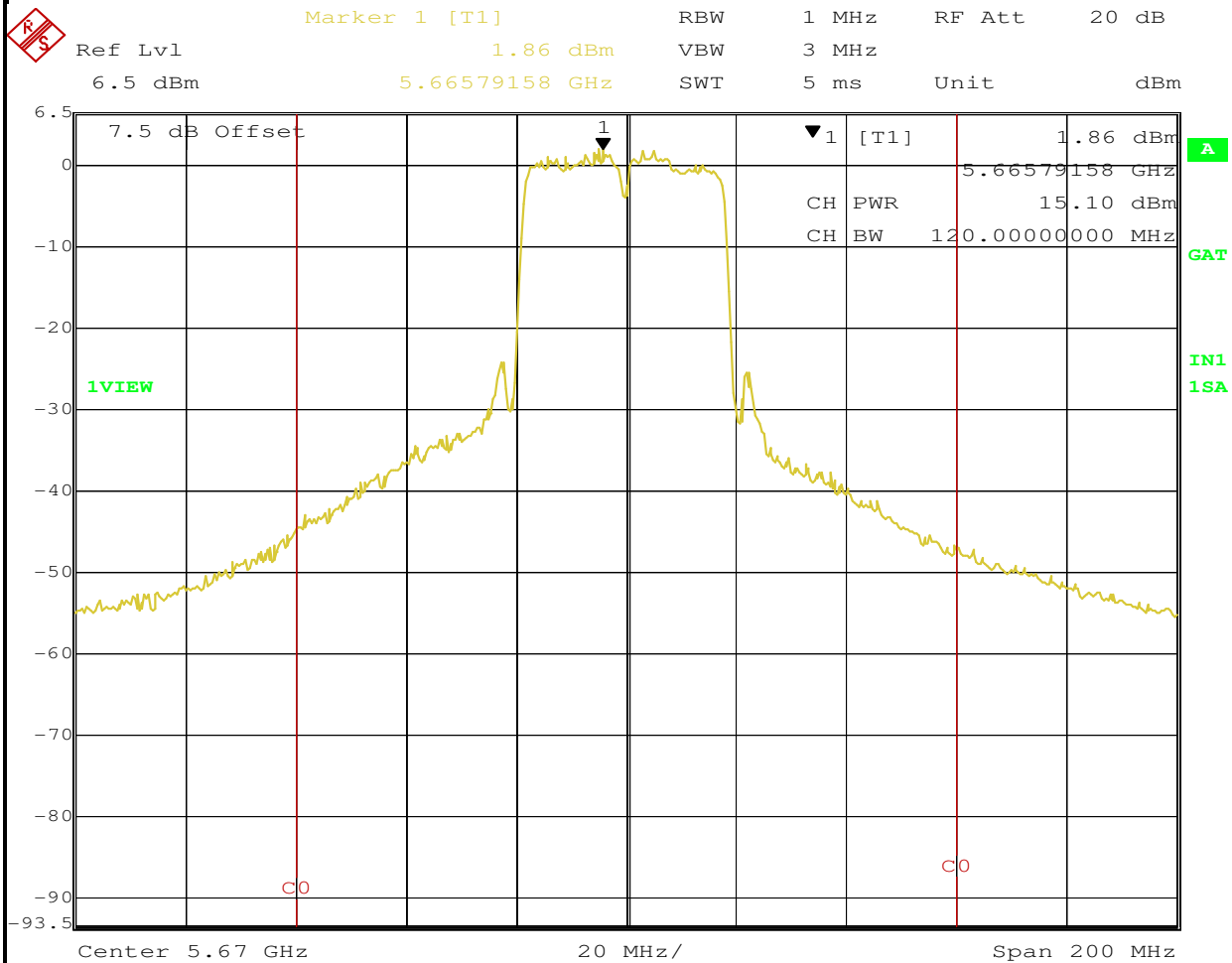




EMC Test Data

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

High Channel 134 @ 5670 MHz Output Power & PSD Chain 1



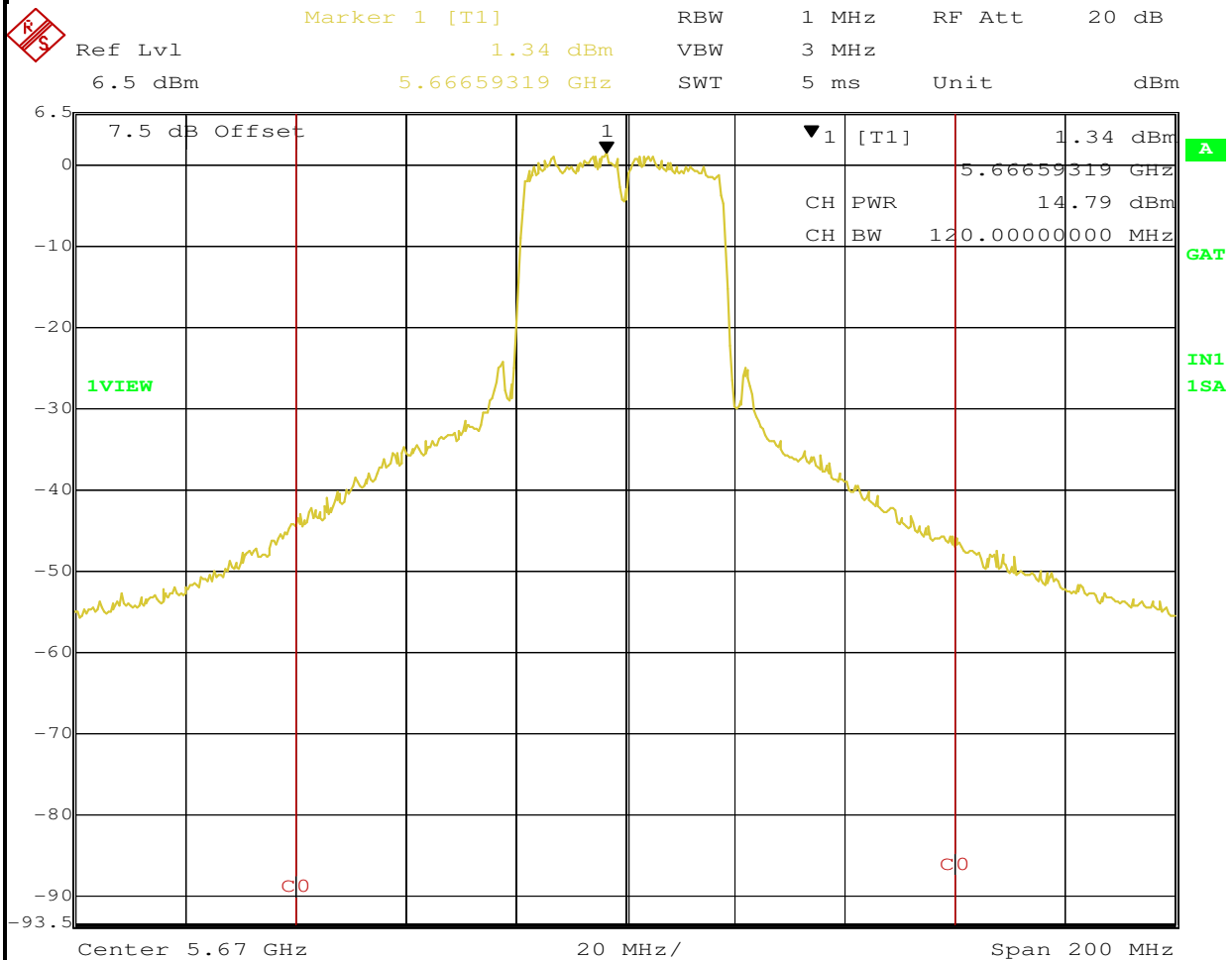
Date: 28.APR.2007 14:10:19



EMC Test Data

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

Chain 2



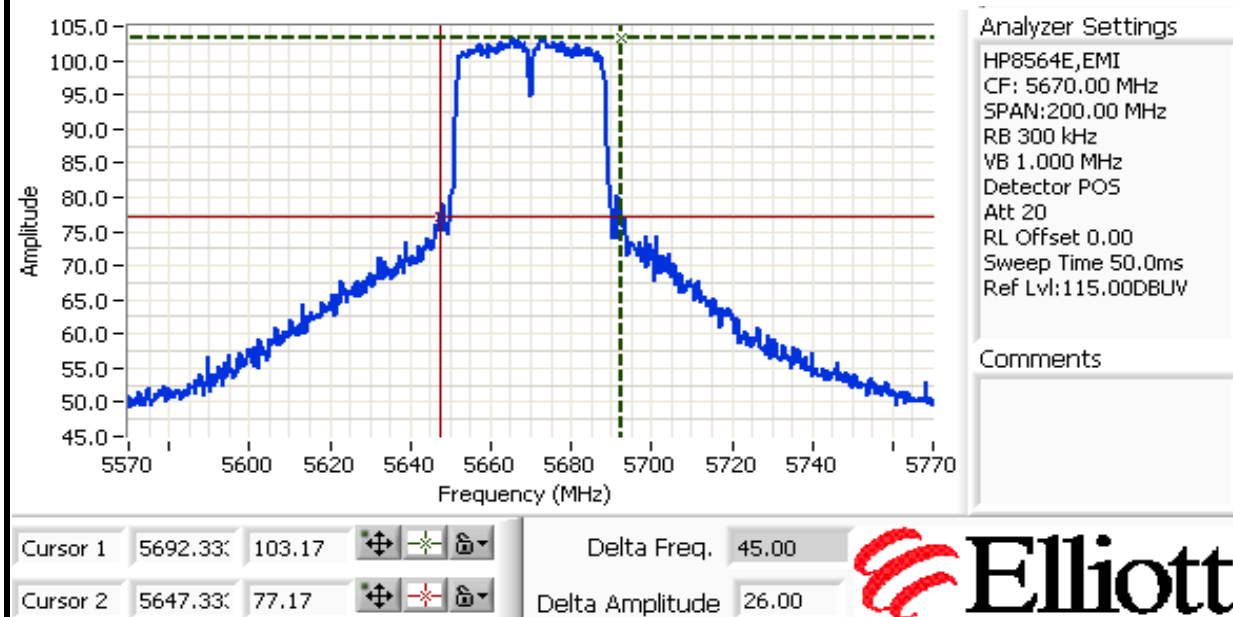
Date: 28.APR.2007 14:12:41

Client: Cisco-Linksys	Job Number: J67313
Model: WRT600N	T-Log Number: T67324
Contact: Kevin Lee	Account Manager: -
Standard: FCC 15.407 & RSS-210	Class: N/A

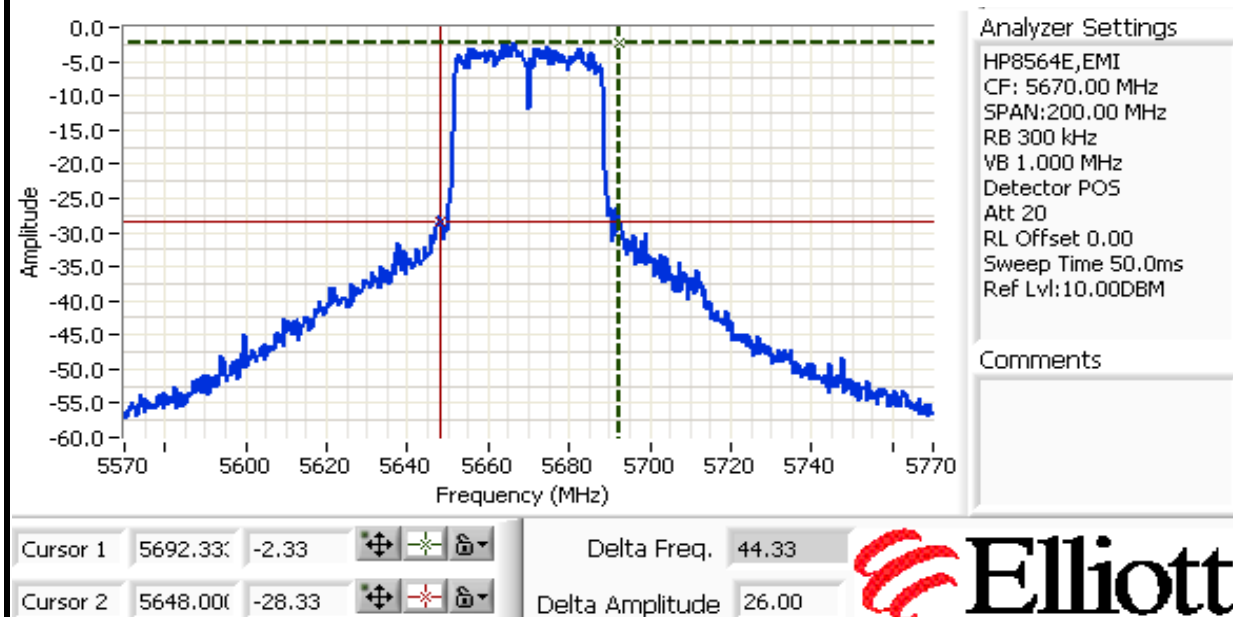
High Channel 134 @ 5670 MHz

26dB Bandwidth

Chain 1



Chain 2

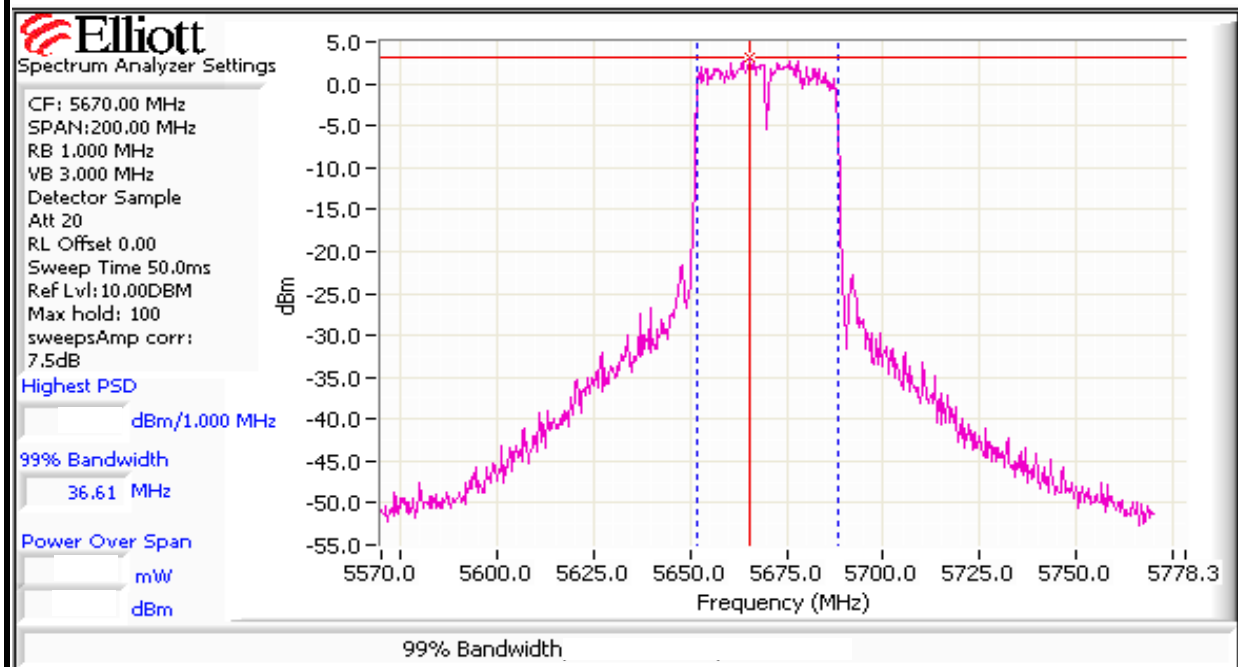


Client: Cisco-Linksys	Job Number: J67313
Model: WRT600N	T-Log Number: T67324
Contact: Kevin Lee	Account Manager: -
Standard: FCC 15.407 & RSS-210	Class: N/A

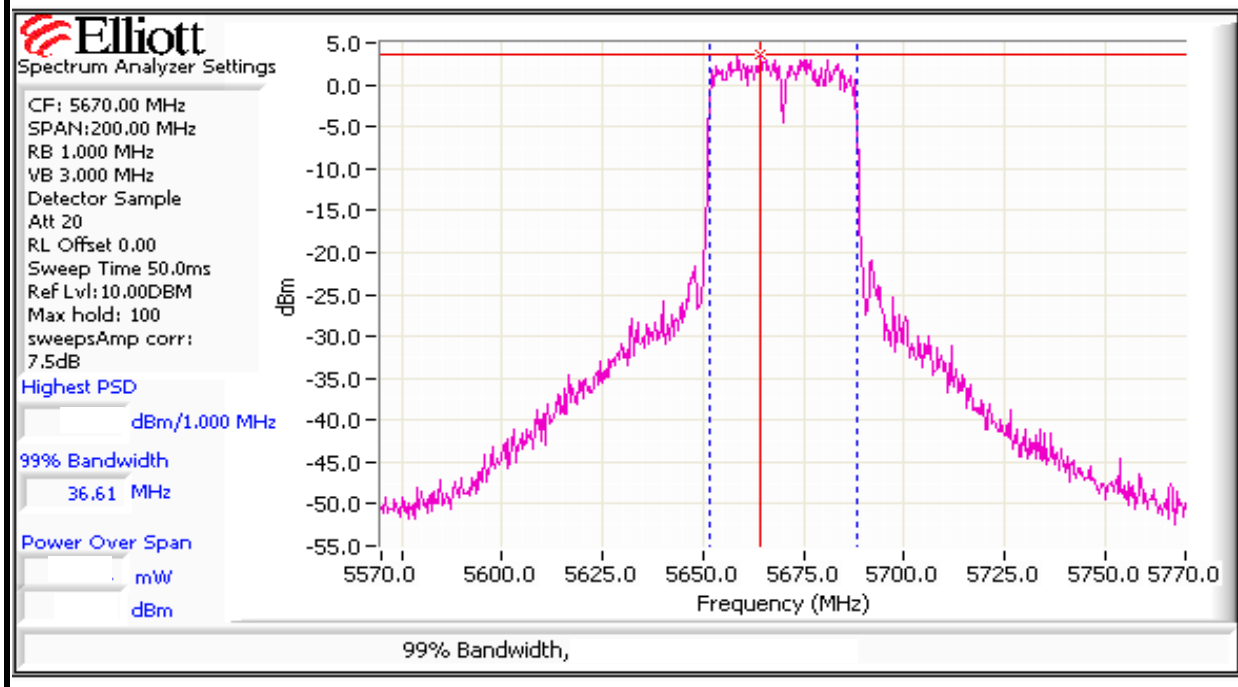
High Channel 134 @ 5670 MHz

99% Bandwidth

Chain 1



Chain 2





EMC Test Data

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

Run #1b: Power spectral Density

Power Setting	Frequency (MHz)	PSD (dBm/1MHz) ^{Note 1}			dBm/1MHz	
		Main (dBm)	Aux (dBm)	Total		
0x1010	5510	1.0	0.6	3.8	10.3	Pass
0x0d0d	5590	1.1	1.1	4.1	10.3	Pass
0x0b0b	5670	1.9	1.3	4.6	10.3	Pass

Note 1: PSD - if transmit chains are coherent then the PSD is calculated from the sum of the antenna gains plus the total power (i.e. beam-forming is assumed because of coherency on the chains). If the individual chains are incoherent then the PSD is calculated from the sum of the individual EIRPs for each chain.

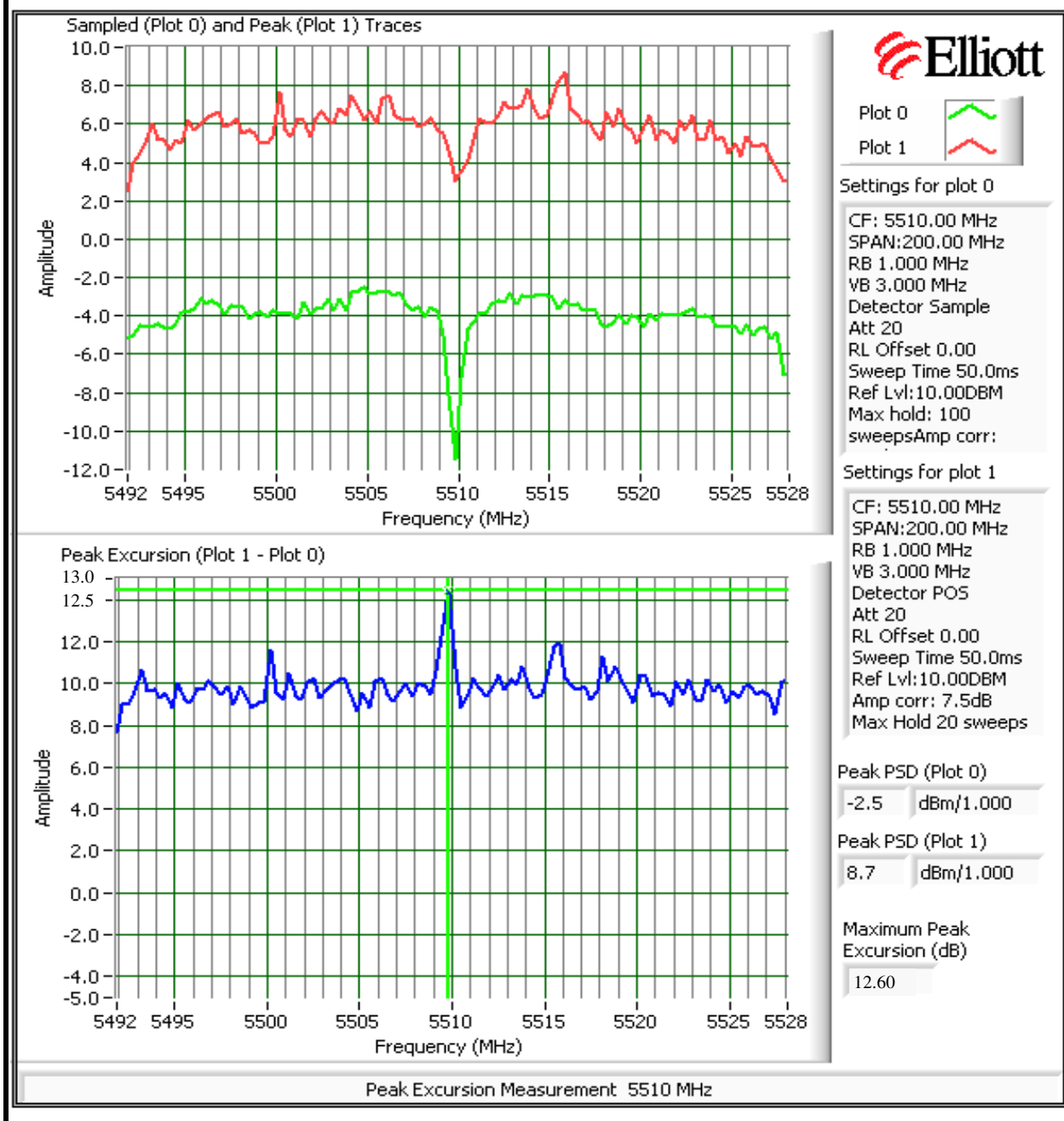
Client: Cisco-Linksys	Job Number: J67313
Model: WRT600N	T-Log Number: T67324
Contact: Kevin Lee	Account Manager: -
Standard: FCC 15.407 & RSS-210	Class: N/A

Run #2: Peak Excursion Measurement

Plots Showing Peak Excursion

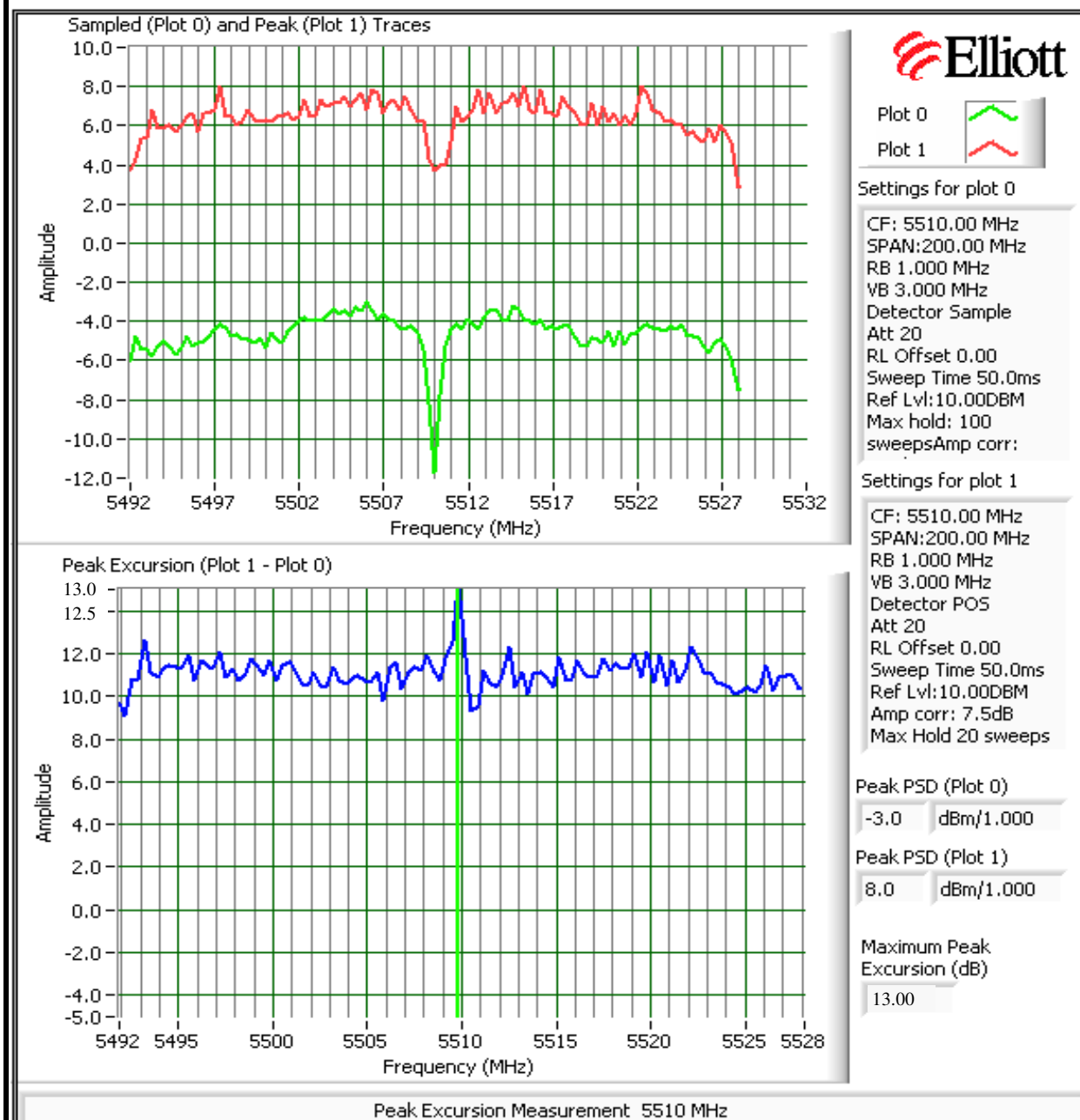
Low Channel 102 @ 5510 MHz

Chain 1



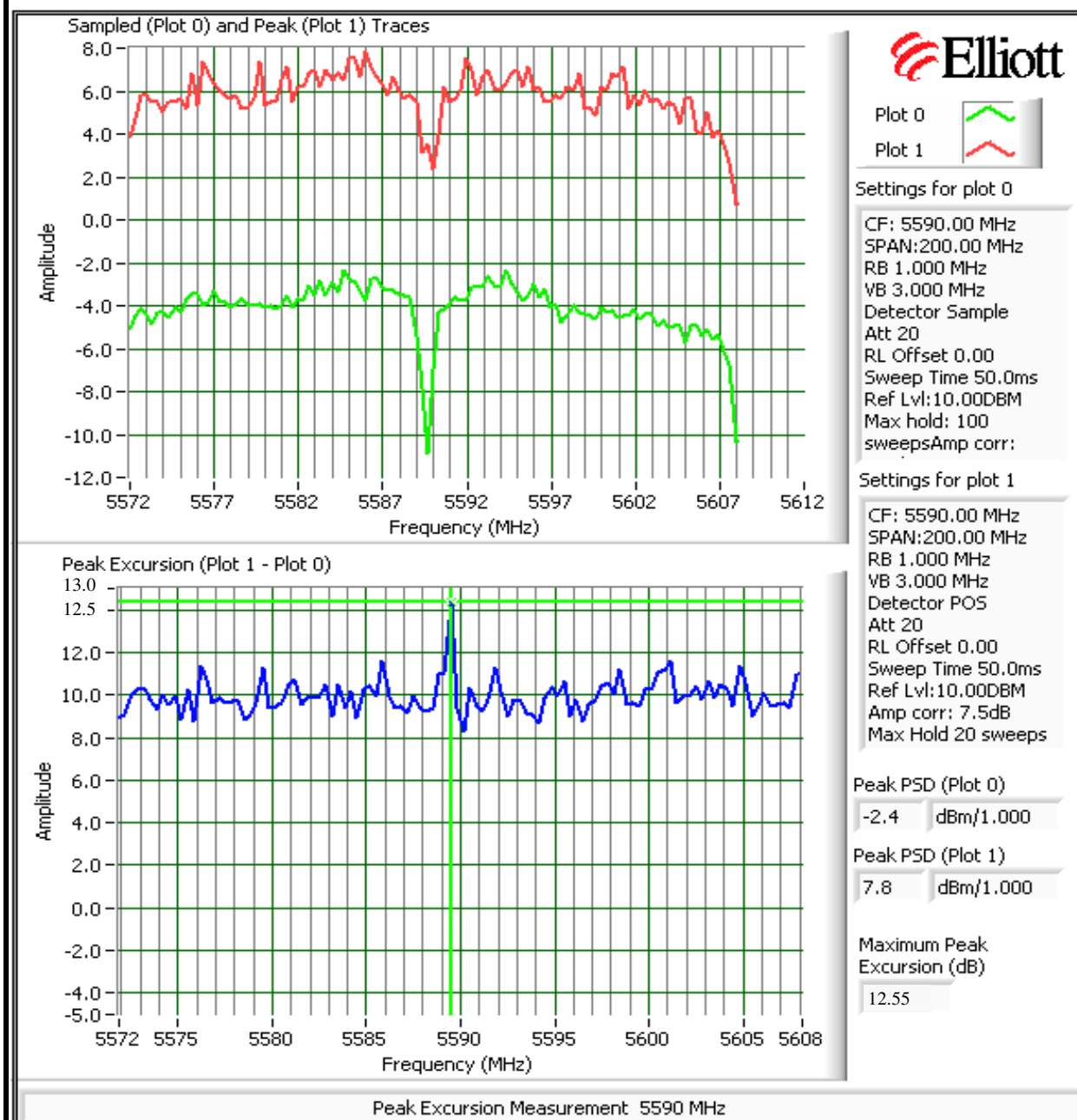
Client: Cisco-Linksys	Job Number: J67313
Model: WRT600N	T-Log Number: T67324
Contact: Kevin Lee	Account Manager: -
Standard: FCC 15.407 & RSS-210	Class: N/A

Chain 2



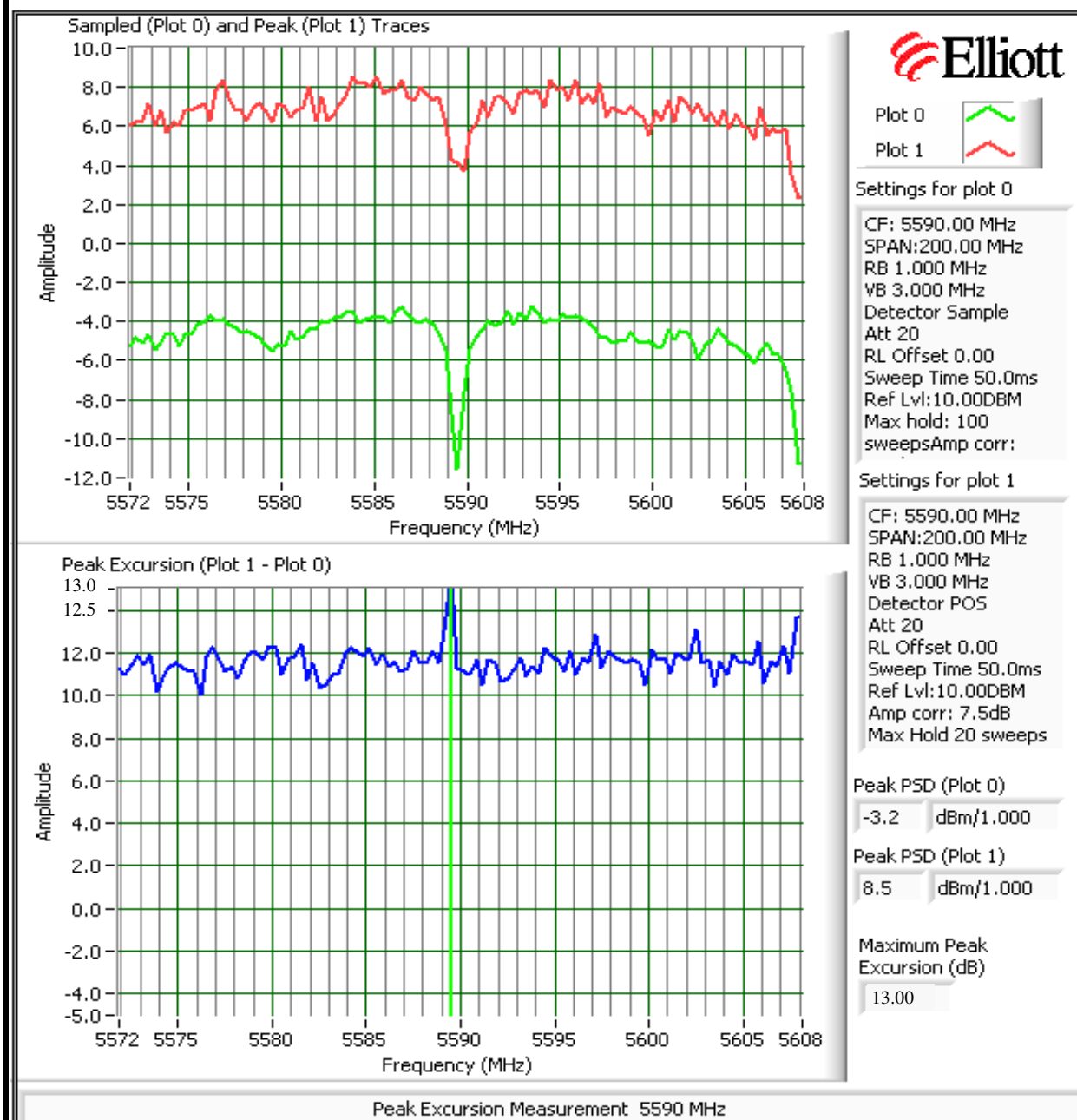
Client: Cisco-Linksys	Job Number: J67313
Model: WRT600N	T-Log Number: T67324
Contact: Kevin Lee	Account Manager: -
Standard: FCC 15.407 & RSS-210	Class: N/A

Middle Channel 118 @ 5590 MHz Chain 1



Client: Cisco-Linksys	Job Number: J67313
Model: WRT600N	T-Log Number: T67324
Contact: Kevin Lee	Account Manager: -
Standard: FCC 15.407 & RSS-210	Class: N/A

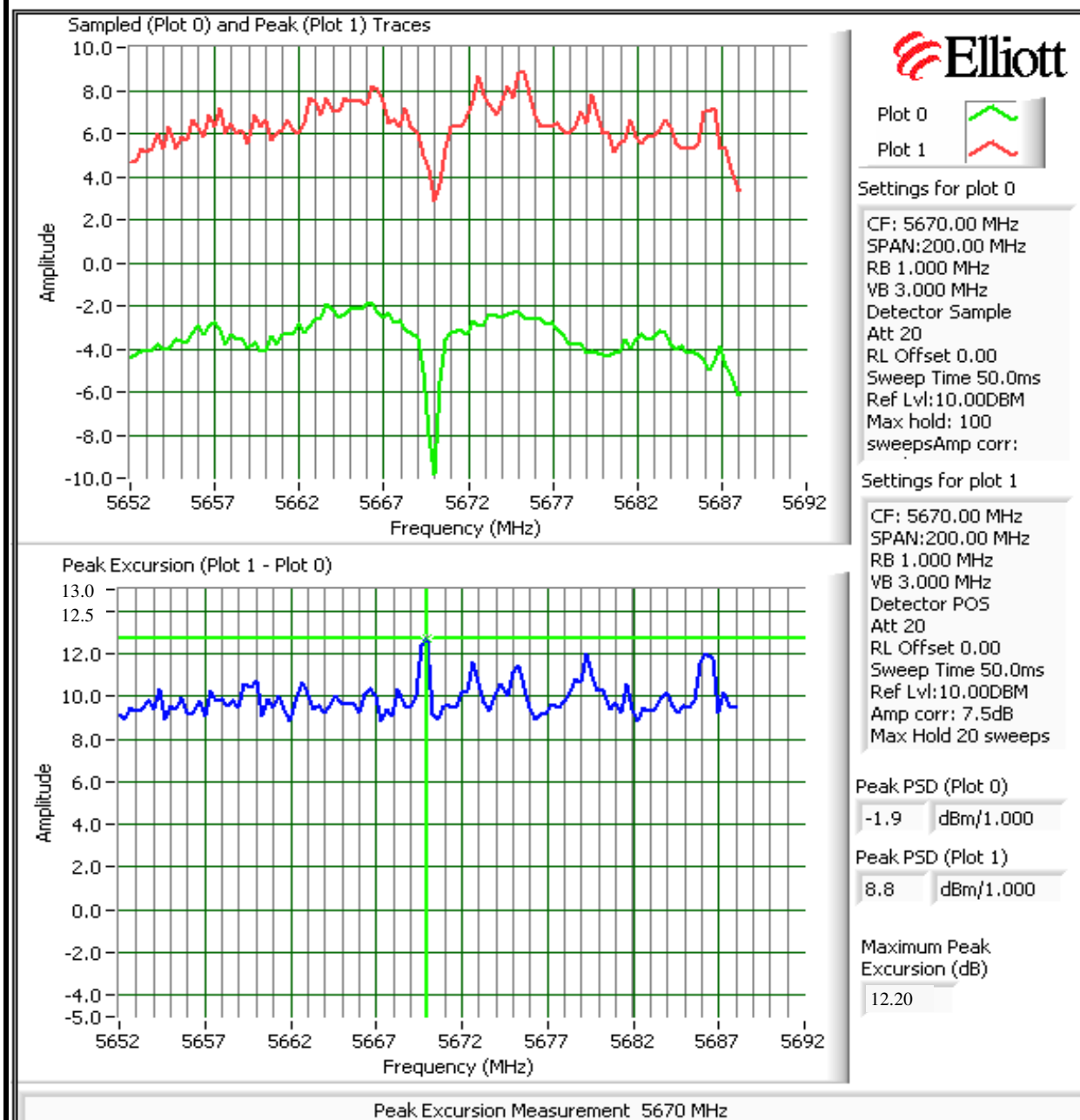
Chain 2



Client: Cisco-Linksys	Job Number: J67313
Model: WRT600N	T-Log Number: T67324
Contact: Kevin Lee	Account Manager: -
Standard: FCC 15.407 & RSS-210	Class: N/A

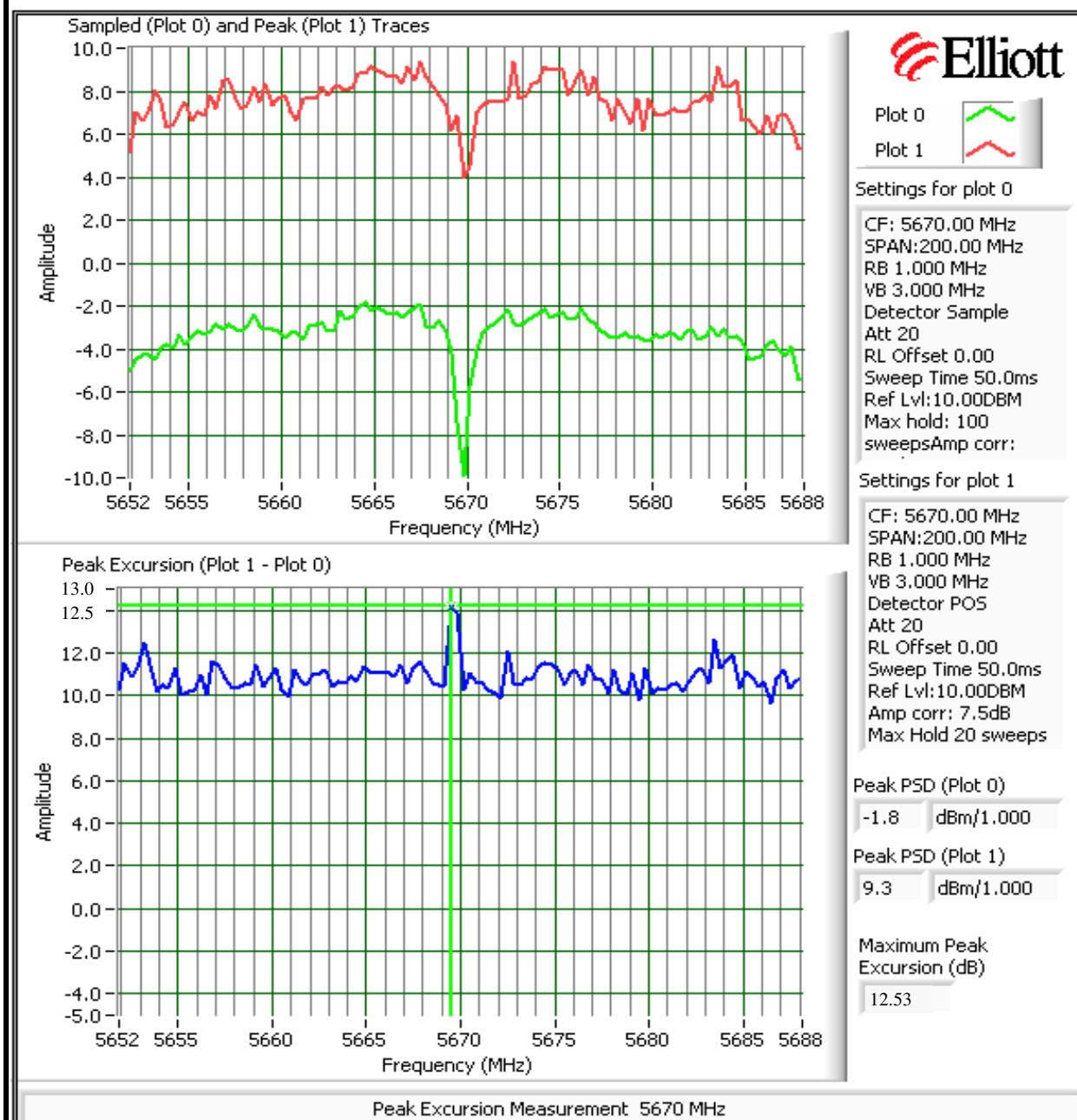
High Channel 134 @ 5670 MHz

Chain 1



Client: Cisco-Linksys	Job Number: J67313
Model: WRT600N	T-Log Number: T67324
Contact: Kevin Lee	Account Manager: -
Standard: FCC 15.407 & RSS-210	Class: N/A

Chain 2



Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

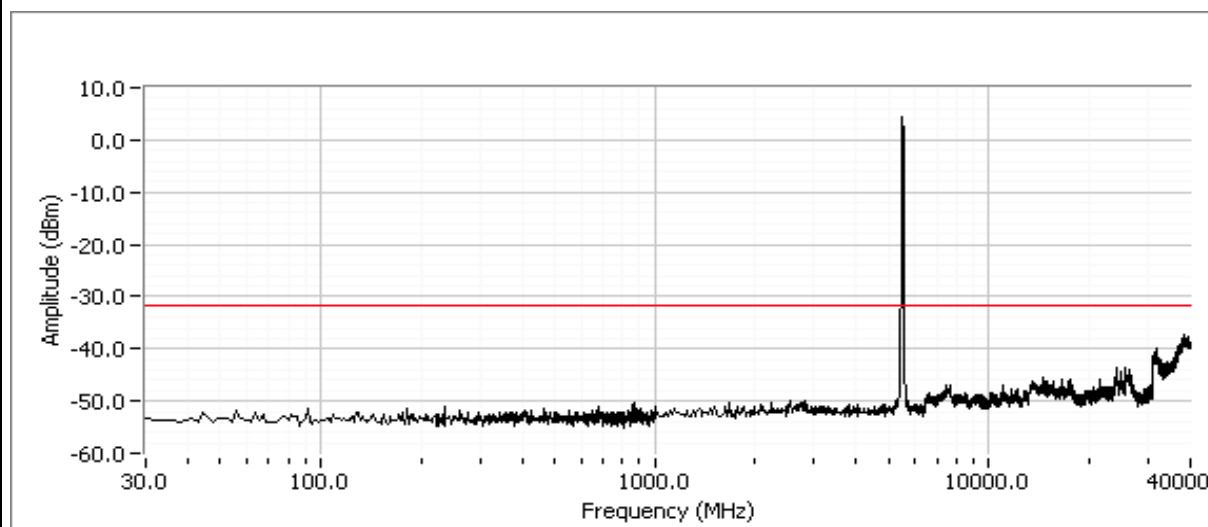
Run #3: Out Of Band Spurious Emissions - Antenna Conducted

Maximum Antenna Gain: 3.7 dBi
 Spurious Limit: -27 dBm/MHz eirp
 Limit Used On Plots ^{Note 1}: -30.7 dBm/MHz

Note 1:	The -27dBm/MHz limit is an eirp limit. The limit for antenna port conducted measurements is adjusted to take into consideration the maximum antenna gain (limit = -27dBm - antenna gain). Radiated field strength measurements for signals more than 50MHz from the bands and that are close to the limit are made to determine compliance as the antenna gain is not known at these frequencies.
Note 2:	All spurious signals below 1GHz are measured during digital device radiated emissions test.
Note 4:	If the device is for outdoor use then the -27dBm eirp limit also applies in the 5150 - 5250 MHz band.
Note 5:	Signals that fall in the restricted bands of 15.205 are subject to the limit of 15.209.

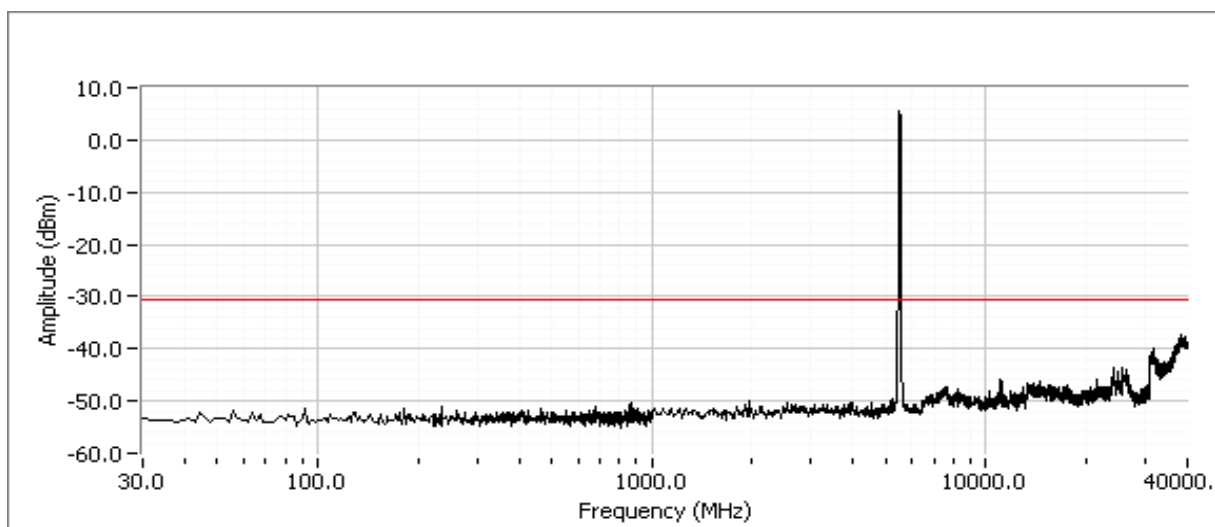
Plots Showing Out-Of-Band Emissions (RBW=VBW=1MHz)

Low Channel 102 @ 5510 MHz
 Chain 1



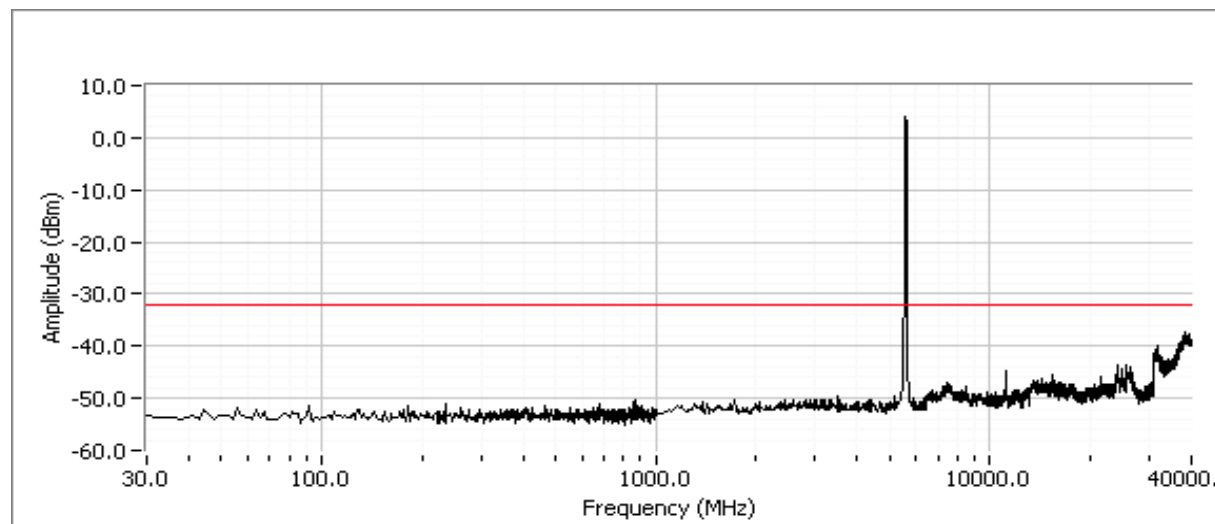
Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

Chain 2



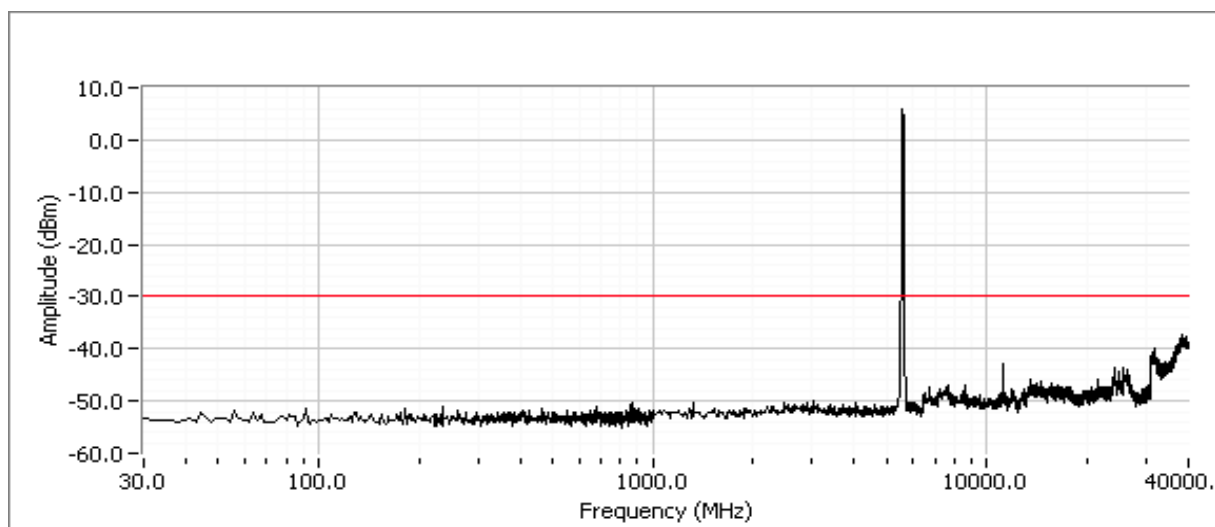
Middle Channel 118 @ 5590 MHz

Chain 1



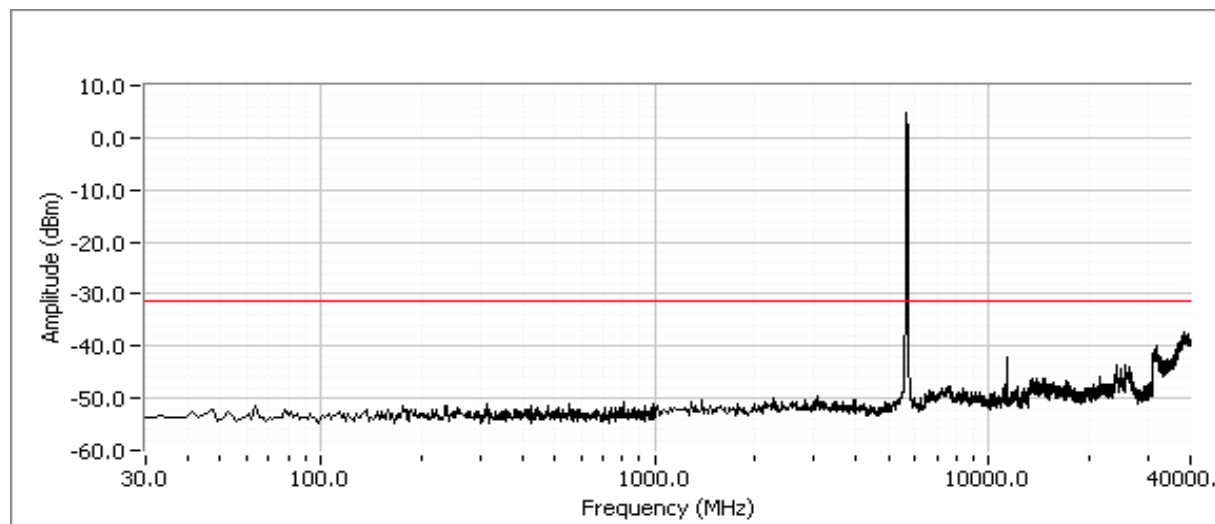
Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

Chain 2



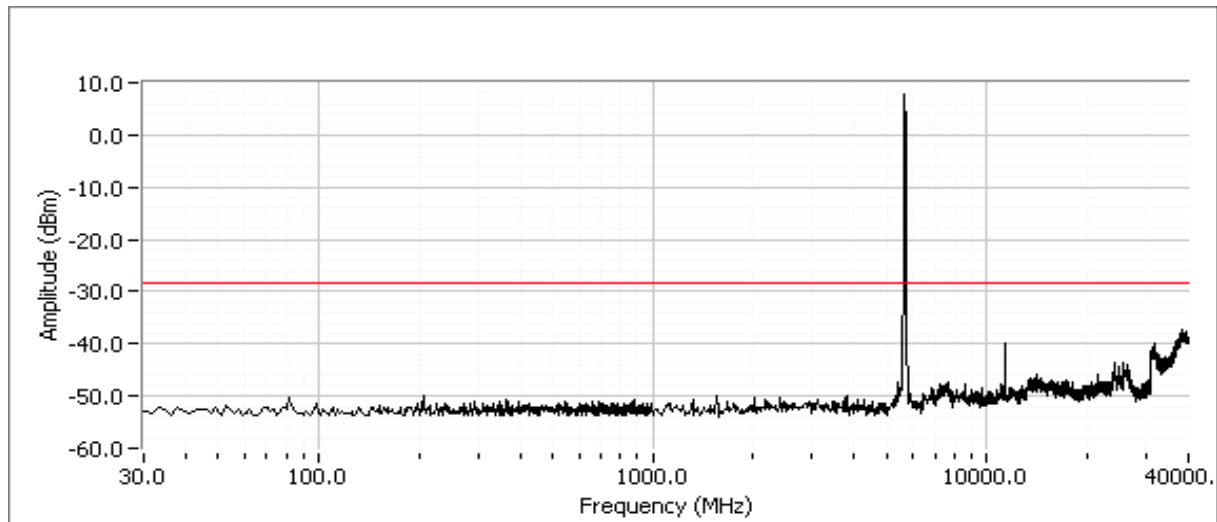
High Channel 134 @ 5670 MHz

Chain 1



Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

Chain 2





EMC Test Data

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

RSS 210 and FCC 15.407 Radiated Spurious Emissions

Test Specific Details

Objective: The objective of this test session is to perform final qualification testing of the EUT with respect to the specification listed above.

Date of Test: 4/26/2007
Test Engineer: Mehran Birgani
Test Location: Fremont Chamber #3

Config. Used: 1
Config Change: None
EUT Voltage: 120V/60Hz

General Test Configuration

The EUT and all local support equipment were located on the turntable for radiated spurious emissions testing.

For radiated emissions testing the measurement antenna was located 3 meters from the EUT.

Ambient Conditions:

Temperature:	18 °C
Rel. Humidity:	39 %

Summary of Results

Run #	Test Performed	Limit	Pass / Fail	Result / Margin
(802.11n MIMO) 40MHz	RE, 1000 - 40000 MHz Spurious Emissions	FCC Part 15.209 / 15.407	Pass	48.5dBμV/m (266.1μV/m) @ 11339.8MHz (-5.5dB)

Modifications Made During Testing:

No modifications were made to the EUT during testing

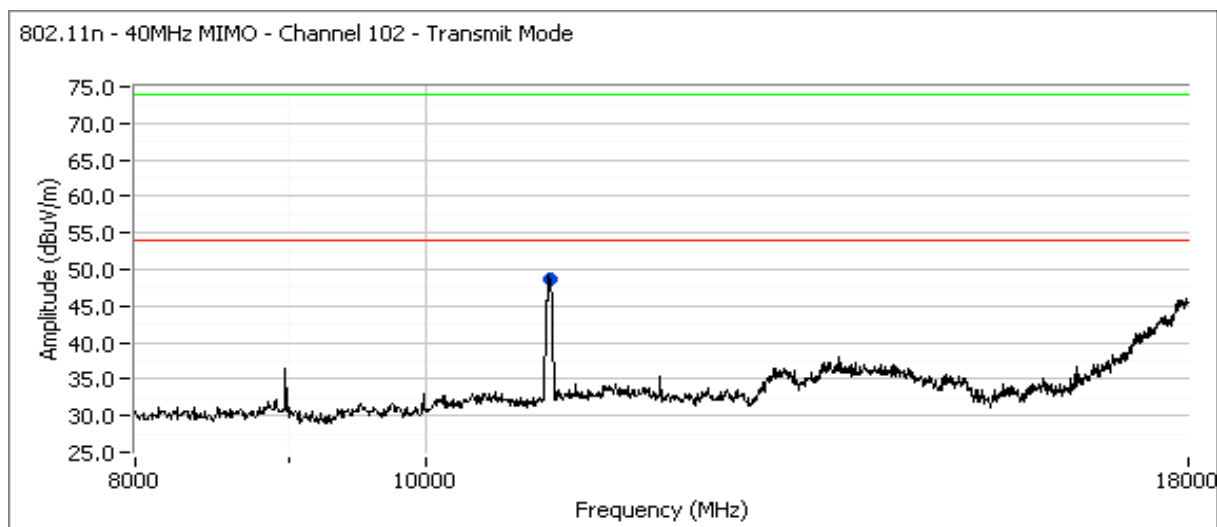
Deviations From The Standard

No deviations were made from the requirements of the standard.

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

Run #1: Radiated Spurious Emissions, 30 - 40000 MHz. Operating Mode: 802.11n 40MHz MIMO

Run #1a: Low Channel 102 @ 5510 MHz



Other Spurious Radiated Emissions:

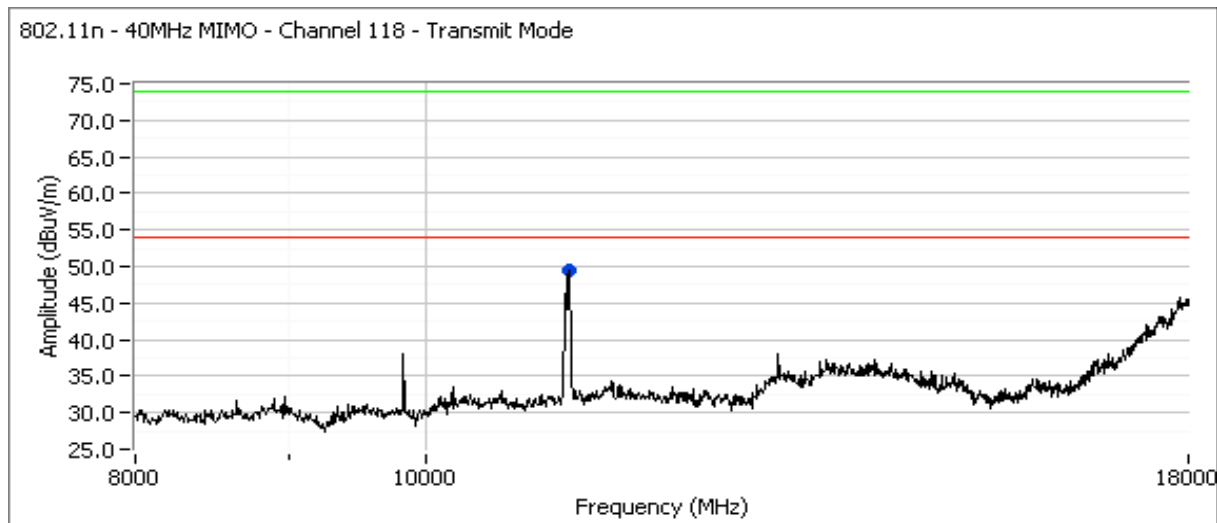
Frequency	Level	Pol	15.209 / 15.407		Detector	Azimuth	Height	Comments
MHz	dBuV/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
11015.640	45.7	H	54.0	-8.3	AVG	110	1.1	
11019.940	43.7	V	54.0	-10.3	AVG	89	1.0	
11015.640	58.1	H	74.0	-15.9	PK	110	1.1	
11019.940	55.2	V	74.0	-18.8	PK	89	1.0	

Note 1: For emissions in restricted bands, the limit of 15.209 was used. For all other emissions, the limit was set 30dB below the level of the fundamental and measured in 100kHz.

Note 2: No spurious emission, being -20dB of the limit, were detected above 18GHz.

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

Run #1b: Center Channel 118 @ 5590 MHz



Other Spurious Radiated Emissions:

Frequency	Level	Pol	15.209 / 15.407		Detector	Azimuth	Height	Comments
MHz	dBuV/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
11179.500	46.7	V	54.0	-7.3	AVG	139	1.0	
11179.370	45.1	H	54.0	-8.9	AVG	36	1.0	
11179.500	59.0	V	74.0	-15.0	PK	139	1.0	
11179.370	57.0	H	74.0	-17.0	PK	36	1.0	

Note 1:

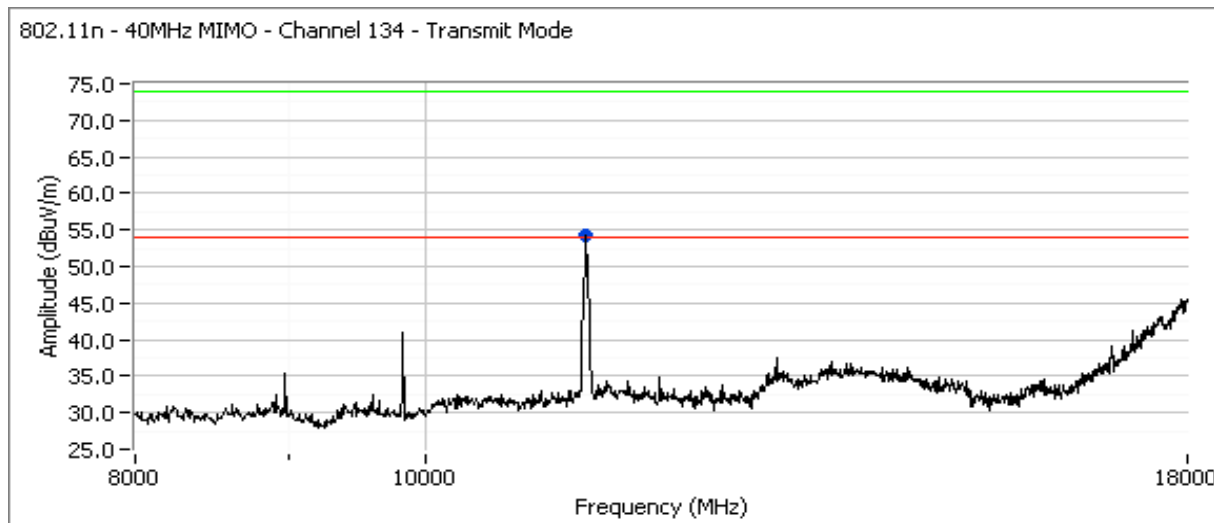
For emissions in restricted bands, the limit of 15.209 was used. For all other emissions, the limit was set 30dB below the level of the fundamental and measured in 100kHz.

Note 2:

No spurious emission, being 20-dB of the limit, were detected above 18GHz.

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

Run #1c: Center Channel 134 @ 5670 MHz



Other Spurious Radiated Emissions:

Frequency	Level	Pol	15.209 / 15.407		Detector	Azimuth	Height	Comments
MHz	dBuV/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
11339.790	48.5	V	54.0	-5.5	AVG	142	1.0	
11341.640	46.8	H	54.0	-7.2	AVG	100	1.0	
11339.790	60.8	V	74.0	-13.2	PK	142	1.0	
11341.640	59.2	H	74.0	-14.8	PK	100	1.0	

Note 1: For emissions in restricted bands, the limit of 15.209 was used. For all other emissions, the limit was set 30dB below the level of the fundamental and measured in 100kHz.

Note 2: No spurious emission, being 20-dB of the limit, were detected above 18GHz.



EMC Test Data

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

RSS 210 and FCC 15.407 Radiated Spurious Emissions

Test Specific Details

Objective: The objective of this test session is to perform final qualification testing of the EUT with respect to the specification listed above.

Date of Test: 3/22/2007
Test Engineer: Rafael Varelas
Test Location: Fremont Chamber #3

Config. Used: 1
Config Change: None
EUT Voltage: 120V/60Hz

General Test Configuration

The EUT and all local support equipment were located on the turntable for radiated spurious emissions testing.

For radiated emissions testing the measurement antenna was located 3 meters from the EUT.

Ambient Conditions:

Temperature:	19.8 °C
Rel. Humidity:	45 %

Summary of Results

Run #	Test Performed	Limit	Pass / Fail	Result / Margin
(802.11a Mode) Legacy	RE, 1000 - 18000 MHz - Spurious Emissions	FCC Part 15.209 / 15.407	Pass	51.9dBμV/m (393.6μV/m) @ 10640.2MHz (-2.1dB)

Modifications Made During Testing:

No modifications were made to the EUT during testing

Deviations From The Standard

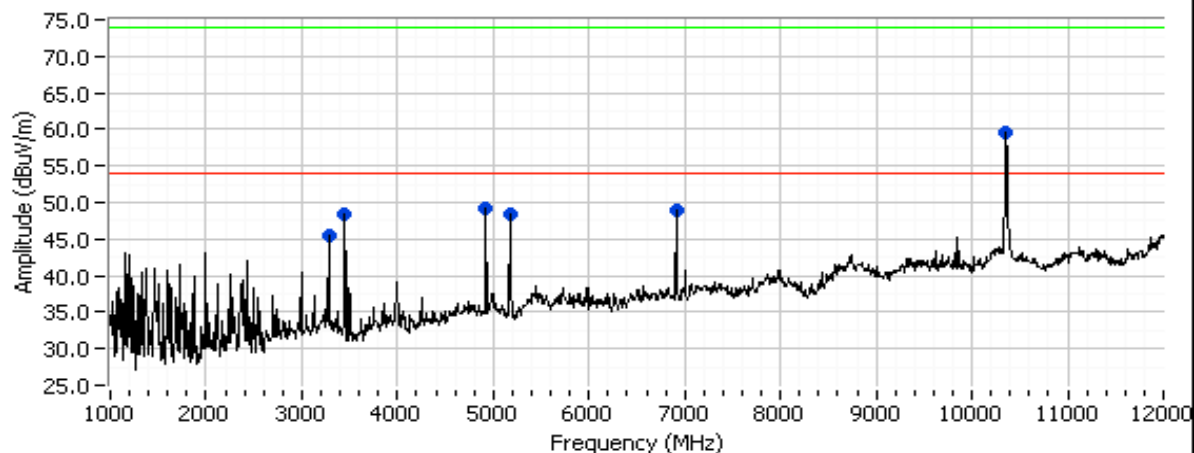
No deviations were made from the requirements of the standard.

Client: Cisco-Linksys	Job Number: J67313
Model: WRT600N	T-Log Number: T67324
Contact: Kevin Lee	Account Manager: -
Standard: FCC 15.407 & RSS-210	Class: N/A

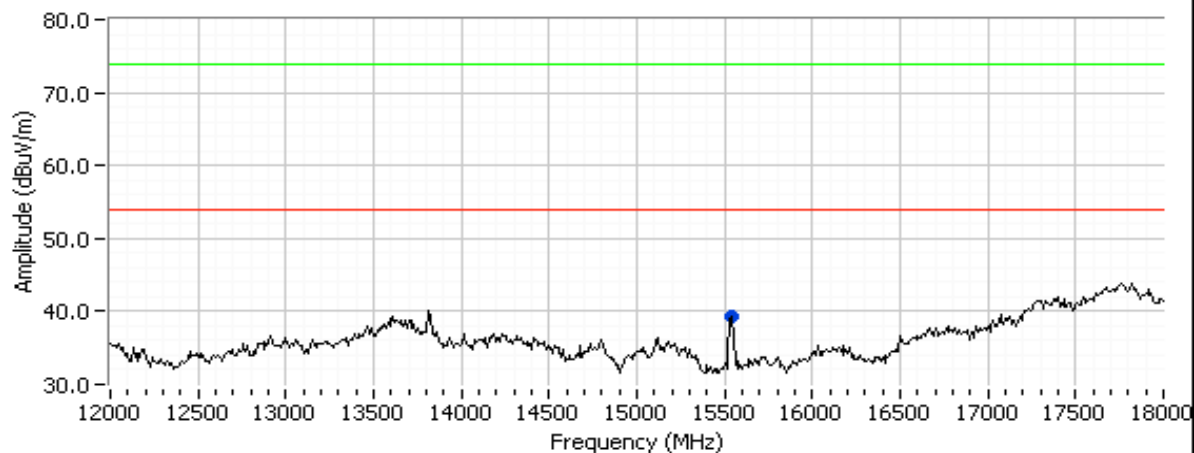
Run #1: Radiated Spurious Emissions, 30 - 18000 MHz. Operating Mode: 802.11a

Run #1a: Low Channel 36 @ 5180 MHz

Run #1a: 1000 - 12,000 MHz, V/H



Run #1a: 12,000 - 18,000 MHz, V/H





EMC Test Data

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

Run #1a: Continued

Preliminary Readings

Frequency	Level	Pol	15.209 / 15.407		Detector	Azimuth	Height	Comments
MHz	dB μ V/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
3447.500	48.5	H	54.0	-5.5	Peak	113	1.7	Non-restricted
4923.880	49.3	V	54.0	-4.7	Peak	250	1.9	
5170.830	48.3	V	54.0	-5.7	Peak	75	1.3	Non-restricted
3282.500	45.4	V	54.0	-8.6	Peak	271	1.3	Non-restricted
6912.500	49.0	V	54.0	-5.0	Peak	270	1.0	Non-restricted
10359.17	59.6	V	82.6	-23.0	Peak	106	1.0	Non-restricted
15540.00	39.4	V	54.0	-14.6	Peak	61	1.0	

Maximized Readings

Frequency	Level	Pol	15.209 / 15.407		Detector	Azimuth	Height	Comments
MHz	dB μ V/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
4923.900	48.1	V	54.0	-5.9	AVG	251	1.9	
4923.900	50.8	V	74.0	-23.2	PK	251	1.9	

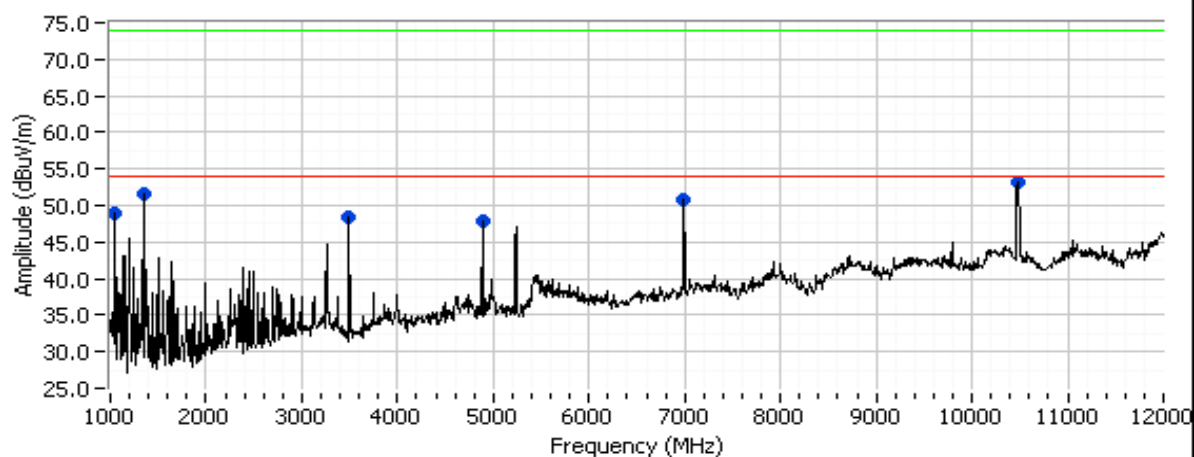
Note 1: For emissions in restricted bands, the limit of 15.209 was used. For all other emissions, the limit was set 30dB below the level of the fundamental and measured in 100kHz.

Note 2: No spurious emission, being 20-dB of the limit, were detected above 18GHz.

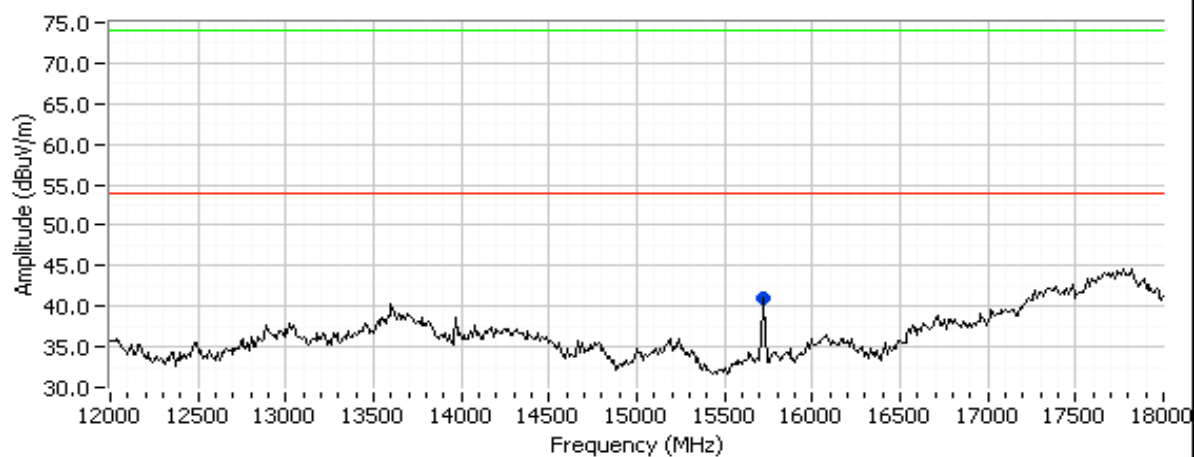
Client: Cisco-Linksys	Job Number: J67313
Model: WRT600N	T-Log Number: T67324
Contact: Kevin Lee	Account Manager: -
Standard: FCC 15.407 & RSS-210	Class: N/A

Run #1d : Channel 48 @ 5240 MHz

1000 - 12,000 MHz, V/H



12,000 - 18,000 MHz, V/H





EMC Test Data

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

Preliminary Readings

Frequency	Level	Pol	15.209 / 15.407		Detector	Azimuth	Height	Comments
MHz	dBuV/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
6986.680	50.8	V	54.0	-3.2	Peak	284	1.0	Non-restricted
10480.040	53.3	V	54.0	-0.7	Peak	30	1.0	Non-restricted
1050.210	49.0	V	54.0	-5.0	Peak	317	1.0	
1350.040	51.6	V	54.0	-2.4	Peak	264	1.6	
3493.440	48.5	H	54.0	-5.5	Peak	111	1.7	Non-restricted
4894.040	47.9	V	54.0	-6.1	Peak	264	1.6	
15720.00	41.1	H	54.0	-12.9	Peak	66	1.0	

Maximized Readings

Frequency	Level	Pol	15.209 / 15.407		Detector	Azimuth	Height	Comments
MHz	dBuV/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
10481.320	47.0	V	54.0	-7.0	AVG	34	1.0	Non-restricted
10481.320	60.3	V	74.0	-13.7	PK	34	1.0	Non-restricted
1349.980	50.9	V	54.0	-3.1	AVG	264	1.6	
1349.980	52.5	V	74.0	-21.5	PK	264	1.6	
6986.570	46.3	V	54.0	-7.7	AVG	286	1.0	Non-restricted
6986.570	50.7	V	74.0	-23.3	PK	286	1.0	Non-restricted

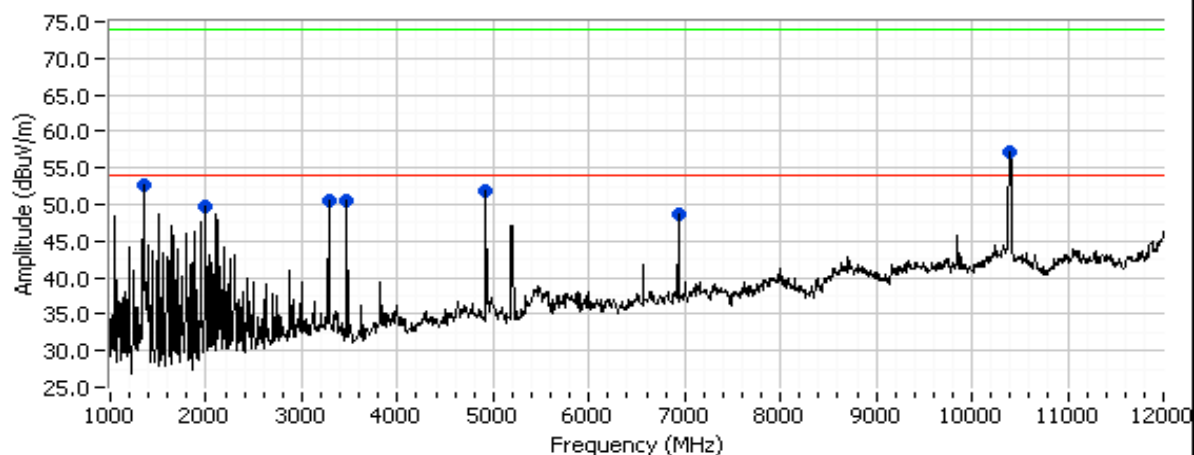
Note 1: For emissions in restricted bands, the limit of 15.209 was used. For all other emissions, the limit was set 30dB below the level of the fundamental and measured in 100kHz.

Note 2: No spurious emission, being 20-dB of the limit, were detected above 18GHz.

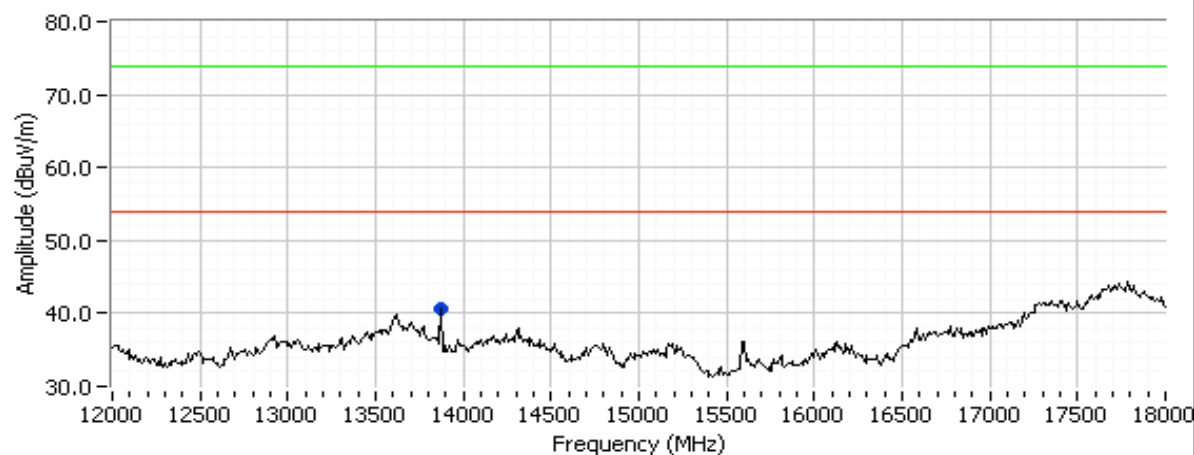
Client: Cisco-Linksys	Job Number: J67313
Model: WRT600N	T-Log Number: T67324
Contact: Kevin Lee	Account Manager: -
Standard: FCC 15.407 & RSS-210	Class: N/A

Run #1e : Channel 40 @ 5200 MHz

1000 - 12,000, V/H



12,000 - 18,000 MHz, V/H





EMC Test Data

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

Preliminary Readings

Frequency	Level	Pol	15.209 / 15.407		Detector	Azimuth	Height	Comments
MHz	dB μ V/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
6933.320	48.7	V	54.0	-5.3	Peak	52	1.6	Non-restricted
10398.760	57.2	V	54.0	3.2	Peak	182	1.8	Non-restricted
1349.980	52.6	H	54.0	-1.4	Peak	70	1.8	
3282.590	50.6	V	54.0	-3.4	Peak	289	1.3	Non-restricted
3466.750	50.6	H	54.0	-3.4	Peak	111	1.8	Non-restricted
4923.970	51.8	V	54.0	-2.2	Peak	245	1.6	
2000.090	49.8	H	54.0	-4.2	Peak	111	1.8	Non-restricted
13870.00	40.7	H	54.0	-13.3	Peak	41	1.2	

Maximized Readings

Frequency	Level	Pol	15.209 / 15.407		Detector	Azimuth	Height	Comments
MHz	dB μ V/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
4923.930	50.4	V	54.0	-3.6	AVG	245	1.6	
4923.930	52.3	V	74.0	-21.7	PK	245	1.6	
1349.940	51.3	H	54.0	-2.7	AVG	69	1.8	
1349.940	52.7	H	74.0	-21.3	PK	69	1.8	
6933.240	39.6	V	54.0	-14.4	AVG	52	1.6	Non-restricted
6933.240	47.1	V	74.0	-26.9	PK	52	1.6	Non-restricted
10398.800	44.1	V	54.0	-9.9	AVG	182	1.8	Non-restricted
10398.800	58.6	V	74.0	-15.4	PK	182	1.8	Non-restricted
3282.580	49.0	V	54.0	-5.0	AVG	288	1.3	Non-restricted
3282.580	51.1	V	74.0	-22.9	PK	288	1.3	Non-restricted
3466.600	48.7	H	54.0	-5.3	AVG	110	1.8	Non-restricted
3466.600	50.6	H	74.0	-23.4	PK	110	1.8	Non-restricted
1999.960	32.6	H	54.0	-21.4	AVG	110	1.8	Non-restricted
1999.960	41.8	H	74.0	-32.2	PK	110	1.8	Non-restricted

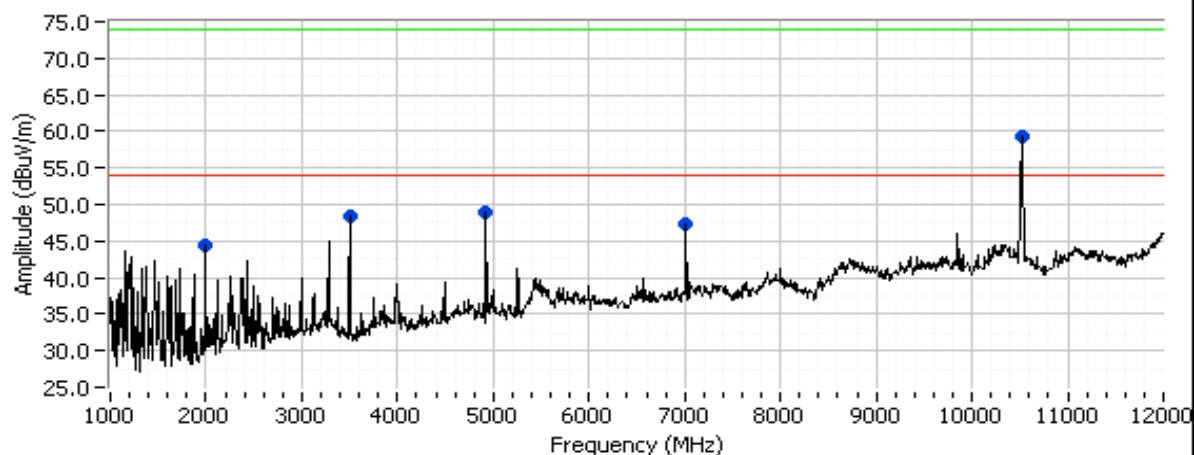
Note 1: For emissions in restricted bands, the limit of 15.209 was used. For all other emissions, the limit was set 30dB below the level of the fundamental and measured in 100kHz.

Note 2: No spurious emission, being 20-dB of the limit, were detected above 18GHz.

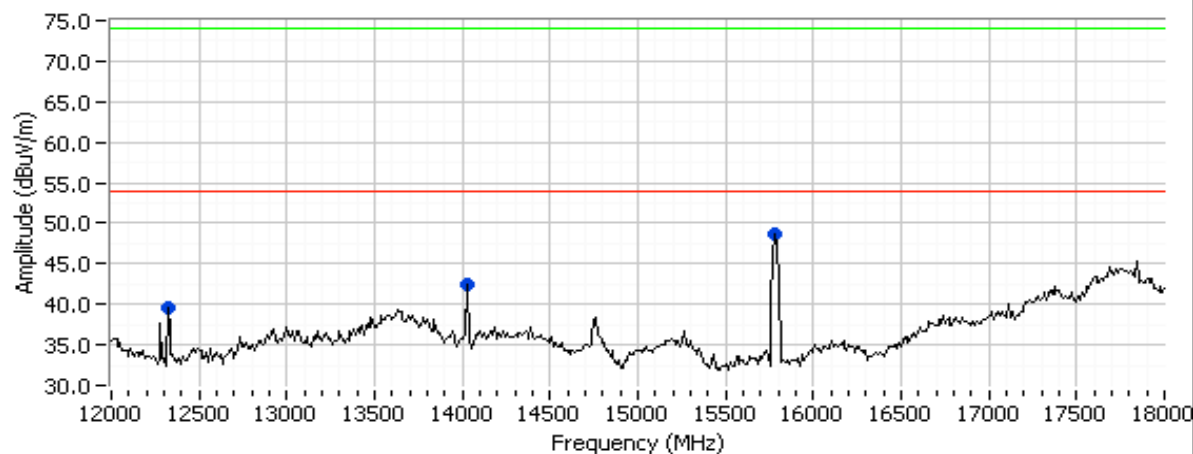
Client: Cisco-Linksys	Job Number: J67313
Model: WRT600N	T-Log Number: T67324
Contact: Kevin Lee	Account Manager: -
Standard: FCC 15.407 & RSS-210	Class: N/A

Run #1b: Center Channel 52 @ 5260 MHz

Run #1b: 1000 - 12,000 MHz, V/H



Run #1b: 12,000 - 18,000 MHz, V/H





EMC Test Data

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

Preliminary Readings

Frequency	Level	Pol	15.209 / 15.247		Detector	Azimuth	Height	Comments
MHz	dBµV/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
1990.000	44.3	V	54.0	-9.7	Peak	260	1.3	Non-restricted
3502.500	48.3	H	54.0	-5.7	Peak	112	1.4	Non-restricted
4923.330	49.0	V	54.0	-5.0	Peak	247	1.9	
7013.330	47.3	V	54.0	-6.7	Peak	25	1.6	Non-restricted
10515.00	59.2	V	-	-	Peak	126	1.3	Non-restricted
12320.00	39.6	V	54.0	-14.4	Peak	79	1.0	
14030.00	42.4	H	54.0	-11.6	Peak	33	1.0	Non-restricted
15780.40	48.6	V	54.0	-5.4	Peak	53	1.0	

Maximized Readings

Frequency	Level	Pol	15.209 / 15.247		Detector	Azimuth	Height	Comments
MHz	dBµV/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
4923.990	48.8	V	54.0	-5.2	AVG	248	1.9	
4923.990	51.0	V	74.0	-23.0	PK	248	1.9	
15780.840	43.9	V	54.0	-10.1	AVG	54	1.0	
15780.840	57.8	V	74.0	-16.2	PK	54	1.0	

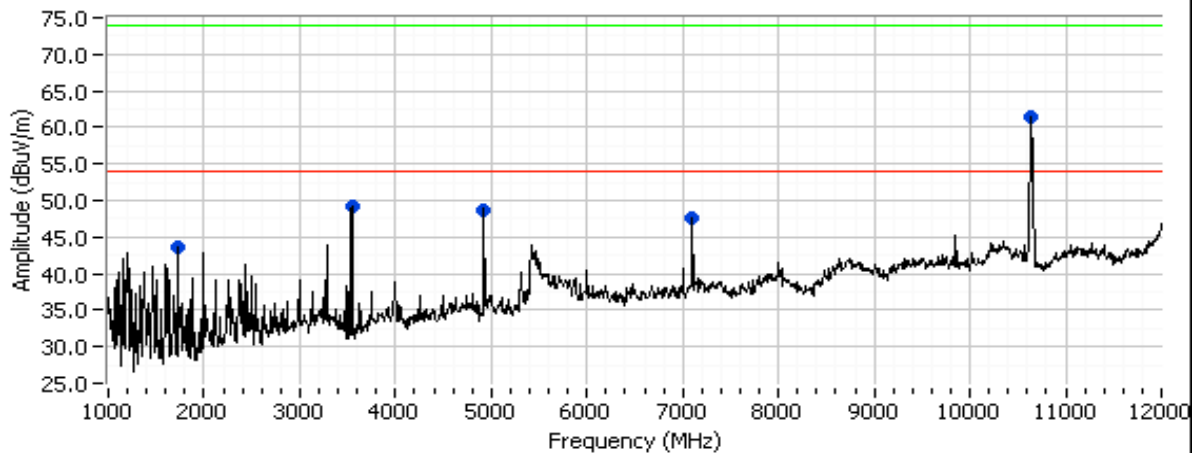
Note 1: For emissions in restricted bands, the limit of 15.209 was used. For all other emissions, the limit was set 30dB below the level of the fundamental and measured in 100kHz.

Note 2: No spurious emission, being 20-dB of the limit, were detected above 18GHz.

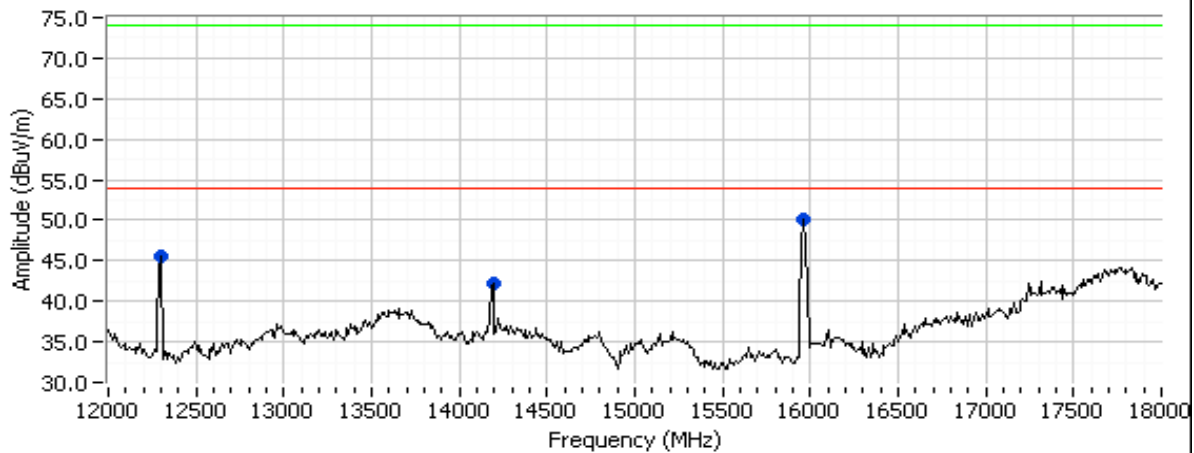
Client: Cisco-Linksys	Job Number: J67313
Model: WRT600N	T-Log Number: T67324
Contact: Kevin Lee	Account Manager: -
Standard: FCC 15.407 & RSS-210	Class: N/A

Run #1c: High Channel 64 @ 5320 MHz

Run #1c: 1000 - 12,000 MHz, V/H



Run #1c: 12,000 - 18,000 MHz, V/H





EMC Test Data

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

Run #1c: Continued

Preliminary Readings

Frequency	Level	Pol	15.209 / 15.247		Detector	Azimuth	Height	Comments
MHz	dBμV/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
1724.170	43.5	V	54.0	-10.5	Peak	92	1.6	Non-restricted
3546.680	49.3	H	54.0	-4.7	Peak	118	1.7	
4923.970	48.7	V	54.0	-5.3	Peak	267	1.6	
7095.830	45.7	V	54.0	-8.3	Peak	11	1.0	Non-restricted
10634.17	58.5	V	54.0	4.5	Peak	31	1.0	
12300.00	45.6	V	54.0	-8.4	Peak	168	1.0	
14190.00	42.3	V	54.0	-11.7	Peak	76	1.0	Non-restricted
15960.70	50.0	V	54.0	-4.0	Peak	62	1.0	

Maximized Readings

Frequency	Level	Pol	15.209 / 15.247		Detector	Azimuth	Height	Comments
MHz	dBμV/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
10640.170	51.9	V	54.0	-2.1	AVG	34	1.0	
10640.170	64.1	V	74.0	-9.9	PK	34	1.0	
3546.750	34.2	V	54.0	-19.8	AVG	117	1.7	
3546.750	41.7	V	74.0	-32.3	PK	117	1.7	
4924.030	46.6	V	54.0	-7.4	AVG	269	1.6	
4924.030	49.4	V	74.0	-24.6	PK	269	1.6	
15960.910	43.0	V	54.0	-11.0	AVG	64	1.0	
15960.910	57.4	V	74.0	-16.6	PK	64	1.0	

Note 1: For emissions in restricted bands, the limit of 15.209 was used. For all other emissions, the limit was set 30dB below the level of the fundamental and measured in 100kHz.

Note 2: No spurious emission, being 20-dB of the limit, were detected above 18GHz.



EMC Test Data

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

RSS 210 and FCC 15.407 Radiated Spurious Emissions

Test Specific Details

Objective: The objective of this test session is to perform final qualification testing of the EUT with respect to the specification listed above.

Date of Test: 3/23/2007
Test Engineer: Rafael Varelas
Test Location: Fremont Chamber #3

Config. Used: 1
Config Change: None
EUT Voltage: 120V/60Hz

General Test Configuration

The EUT and all local support equipment were located on the turntable for radiated spurious emissions testing.

For radiated emissions testing the measurement antenna was located 3 meters from the EUT.

Ambient Conditions:

Temperature:	19.8 °C
Rel. Humidity:	45 %

Summary of Results

Run #	Test Performed	Limit	Pass / Fail	Result / Margin
(802.11a) SISO	RE, 1000 - 18000 MHz - Spurious Emissions	FCC Part 15.209 / 15.407	Pass	51.6dBμV/m (380.2μV/m) @ 1350.0MHz (-2.4dB)

Modifications Made During Testing:

No modifications were made to the EUT during testing

Deviations From The Standard

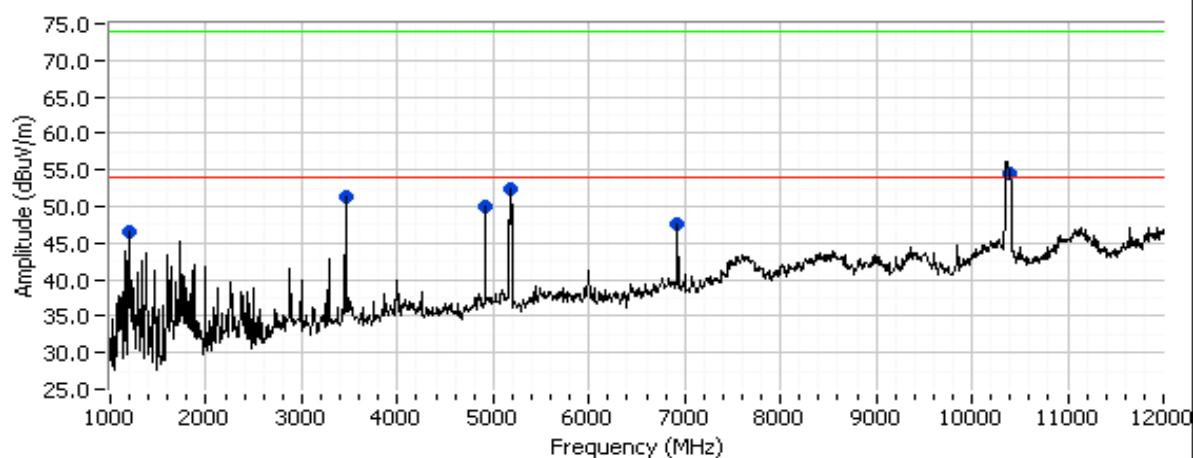
No deviations were made from the requirements of the standard.

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

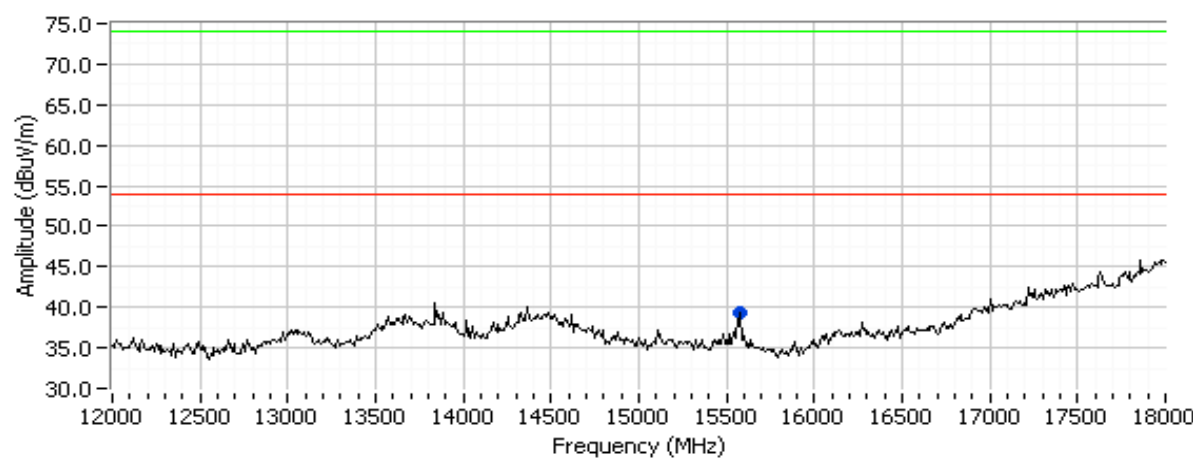
Run #1: Radiated Spurious Emissions, 30 - 18000 MHz. Operating Mode: 802.11 SISO

Run #1a: Low Channel 38 @ 5190 MHz

Run #1a: 1000 - 12,000 Mhz, V/H



Run #2a: 12,000 - 18,000 Mhz, V/H





EMC Test Data

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

Preliminary Readings

Frequency	Level	Pol	15.209 / 15.407		Detector	Azimuth	Height	Comments
MHz	dBuV/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
1192.500	46.5	V	54.0	-7.5	Peak	243	1.9	
3460.060	51.2	H	54.0	-2.8	Peak	110	1.7	Non-restricted
4923.870	50.0	H	54.0	-4.0	Peak	223	1.4	
5172.420	52.5	V	54.0	-1.5	Peak	305	1.3	Non-restricted
6921.670	47.5	V	54.0	-6.5	Peak	83	1.0	Non-restricted
10379.900	54.5	H	54.0	0.5	Peak	47	1.0	Non-restricted
15580.00	39.3	V	54.0	-14.7	Peak	64	1.0	

Maximized Readings

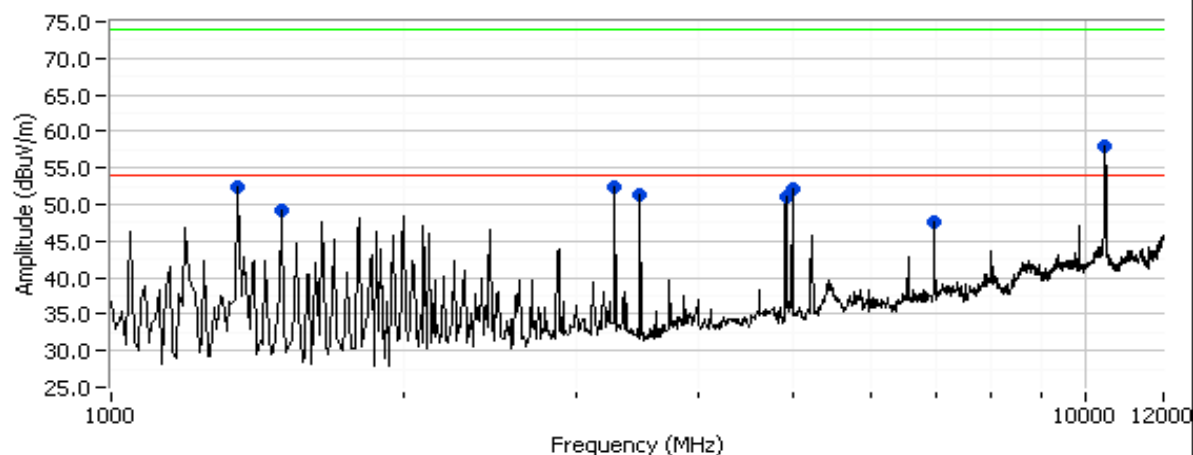
Frequency	Level	Pol	15.209 / 15.407		Detector	Azimuth	Height	Comments
MHz	dBuV/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
10380.100	50.7	H	54.0	-3.3	AVG	48	1.0	Non-restricted
10380.100	62.8	H	74.0	-11.2	PK	48	1.0	Non-restricted
3459.950	50.9	H	54.0	-3.1	AVG	111	1.7	Non-restricted
3459.950	52.8	H	74.0	-21.2	PK	111	1.7	Non-restricted
4924.010	50.1	H	54.0	-3.9	AVG	225	1.4	
4924.010	52.5	H	74.0	-21.5	PK	225	1.4	
5173.100	44.9	V	54.0	-9.1	AVG	306	1.3	Non-restricted
5173.100	54.8	V	74.0	-19.2	PK	306	1.3	Non-restricted

Note 1:	For emissions in restricted bands, the limit of 15.209 was used. For all other emissions, the limit was set 30dB below the level of the fundamental and measured in 100kHz.
Note 2:	No spurious emission, being 20-dB of the limit, were detected above 18GHz.

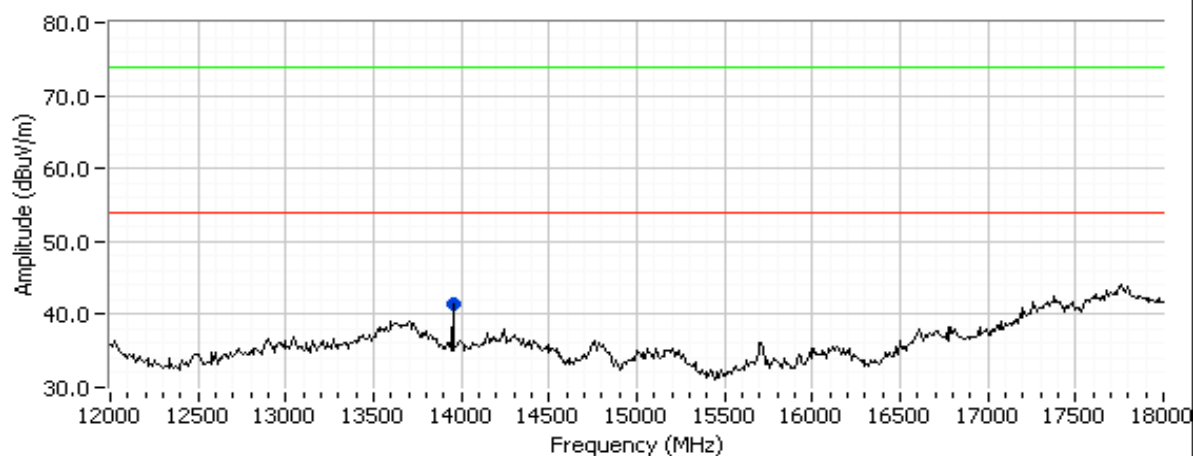
Client: Cisco-Linksys	Job Number: J67313
Model: WRT600N	T-Log Number: T67324
Contact: Kevin Lee	Account Manager: -
Standard: FCC 15.407 & RSS-210	Class: N/A

Run #1d: Channel 46 @ 5230 MHz

1000 - 12,000 MHz, V/H



12,000 - 18,000 MHz, V/H





EMC Test Data

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

Preliminary Readings

Frequency	Level	Pol	15.209 / 15.407		Detector	Azimuth	Height	Comments
MHz	dBuV/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
6973.280	47.7	V	54.0	-6.3	Peak	59	1.3	Non-restricted
10460.000	58.1	V	54.0	4.1	Peak	13	1.0	Non-restricted
1349.980	52.5	V	54.0	-1.5	Peak	294	1.3	
1500.120	49.1	H	54.0	-4.9	Peak	213	2.0	
3282.680	52.3	V	54.0	-1.7	Peak	266	1.3	Non-restricted
3486.820	51.3	H	54.0	-2.7	Peak	107	1.4	Non-restricted
4923.970	51.0	V	54.0	-3.0	Peak	229	1.6	
4994.660	52.1	H	54.0	-1.9	Peak	279	1.7	
13950.00	41.5	H	54.0	-12.5	Peak	35	1.1	

Maximized Readings

Frequency	Level	Pol	15.209 / 15.407		Detector	Azimuth	Height	Comments
MHz	dBuV/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
1349.990	51.6	V	54.0	-2.4	AVG	294	1.3	
1349.990	53.1	V	74.0	-20.9	PK	294	1.3	
10461.050	47.1	V	54.0	-6.9	AVG	13	1.0	Non-restricted
10461.050	60.6	V	74.0	-13.4	PK	13	1.0	Non-restricted
6973.290	46.2	V	54.0	-7.8	AVG	59	1.3	Non-restricted
6973.290	50.2	V	74.0	-23.8	PK	59	1.3	Non-restricted
3486.660	51.5	H	54.0	-2.5	AVG	107	1.4	Non-restricted
3486.660	52.8	H	74.0	-21.2	PK	107	1.4	Non-restricted
1499.960	47.3	H	54.0	-6.7	AVG	212	2.0	
1499.960	50.4	H	74.0	-23.6	PK	212	2.0	
3282.730	51.2	V	54.0	-2.8	AVG	266	1.3	Non-restricted
3282.730	52.9	V	74.0	-21.1	PK	266	1.3	Non-restricted
4924.040	50.9	V	54.0	-3.1	AVG	228	1.6	
4924.040	52.6	V	74.0	-21.4	PK	228	1.6	
4995.200	28.5	H	54.0	-25.5	AVG	279	1.7	
4995.200	40.2	H	74.0	-33.8	PK	279	1.7	

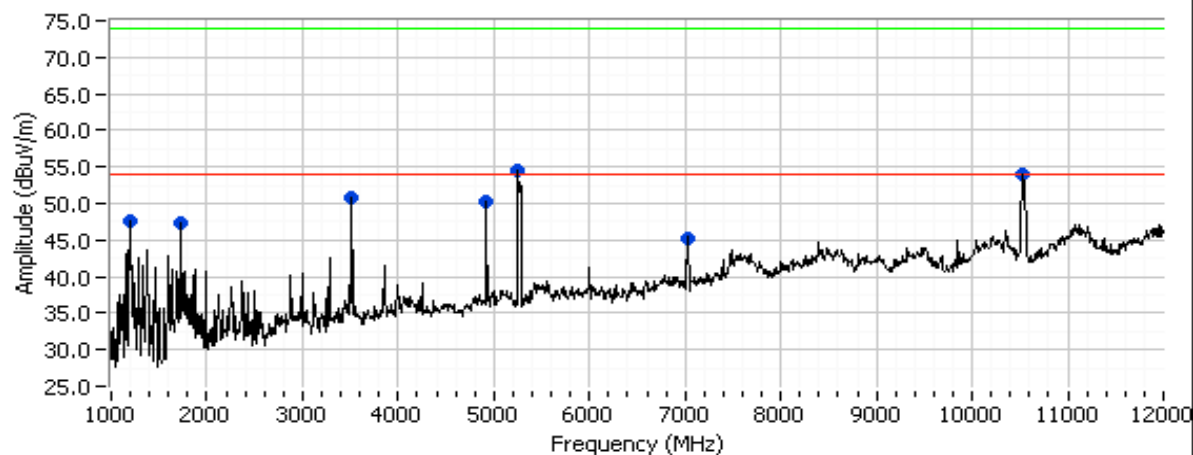
Note 1: For emissions in restricted bands, the limit of 15.209 was used. For all other emissions, the limit was set 30dB below the level of the fundamental and measured in 100kHz.

Note 2: No spurious emission, being 20-dB of the limit, were detected above 18GHz.

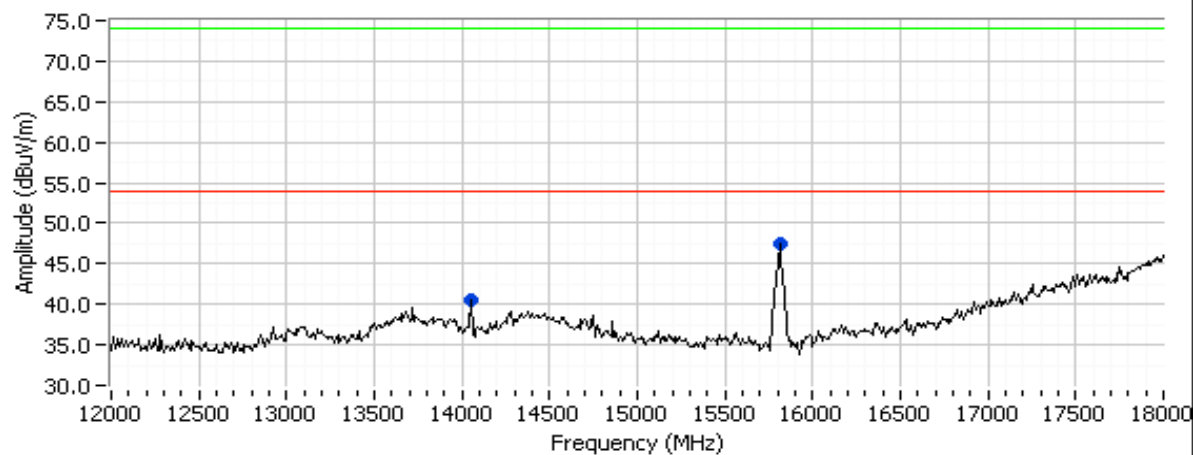
Client: Cisco-Linksys	Job Number: J67313
Model: WRT600N	T-Log Number: T67324
Contact: Kevin Lee	Account Manager: -
Standard: FCC 15.407 & RSS-210	Class: N/A

Run #1b: Center Channel 54 @ 5270 MHz

Run #1b: 1000 - 12,000 Mhz, V/H



Run #2b: 12,000 - 18,000 Mhz, V/H





EMC Test Data

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

Preliminary Readings

Frequency	Level	Pol	15.209 / 15.247		Detector	Azimuth	Height	Comments
MHz	dBμV/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
3513.410	50.9	H	54.0	-3.1	Peak	107	1.7	Non-restricted
4923.780	50.3	H	54.0	-3.7	Peak	230	1.4	
5264.220	54.6	V	54.0	0.6	Peak	131	1.3	Non-restricted
1192.500	47.7	V	54.0	-6.3	Peak	244	1.9	
1724.170	47.3	V	54.0	-6.7	Peak	92	1.6	Non-restricted
7031.670	45.3	V	54.0	-8.7	Peak	47	1.3	Non-restricted
10539.830	53.9	H	54.0	-0.1	Peak	41	1.0	Non-restricted
14050.00	40.6	V	54.0	-13.4	Peak	67	1.0	
15814.090	47.5	V	54.0	-6.5	Peak	54	1.0	

Maximized Readings

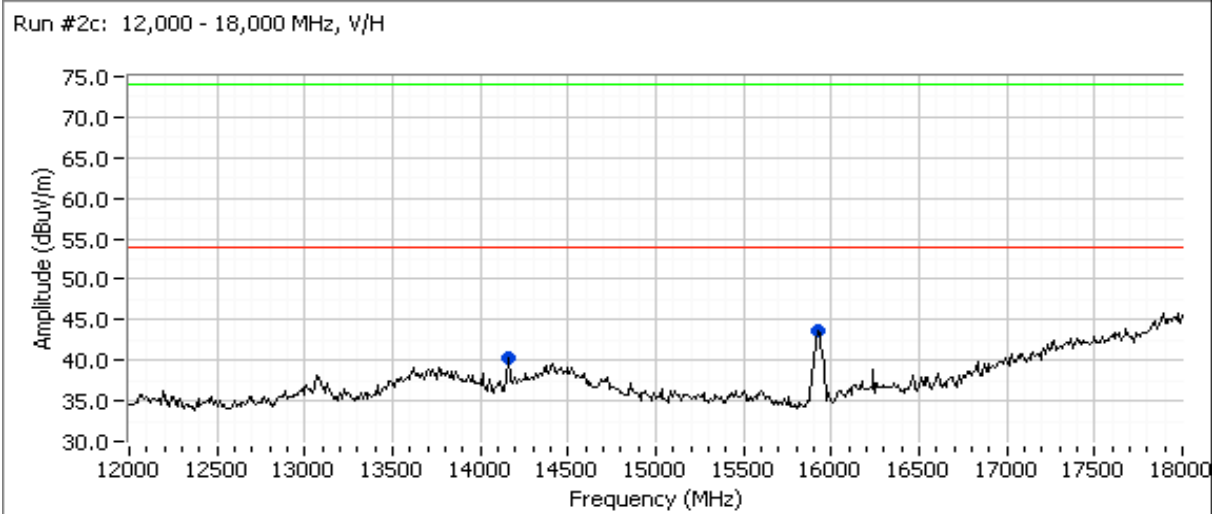
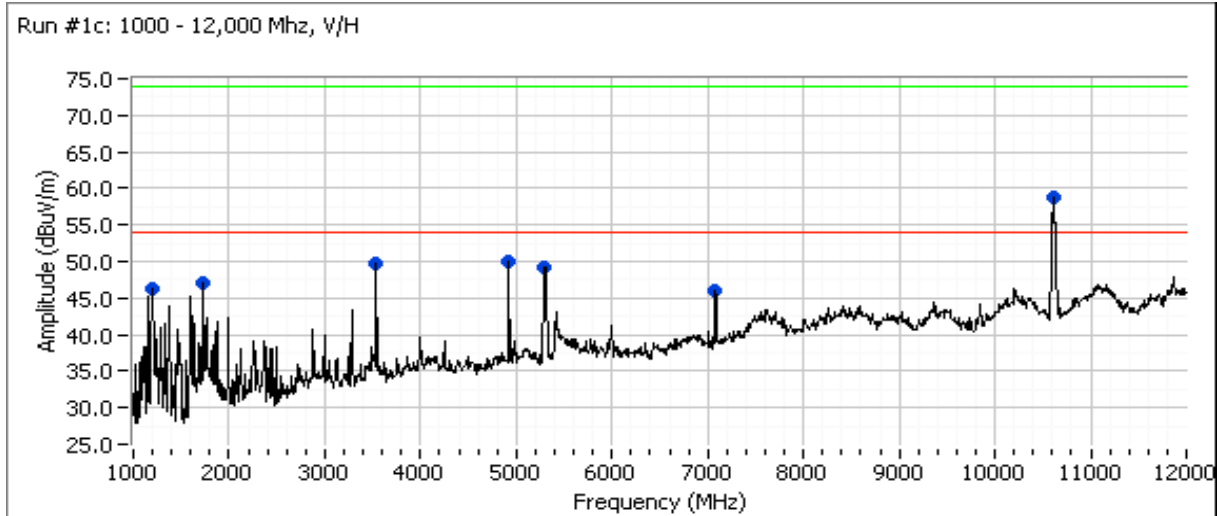
Frequency	Level	Pol	15.209 / 15.247		Detector	Azimuth	Height	Comments
MHz	dBμV/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
10539.610	48.3	H	54.0	-5.7	AVG	43	1.0	Non-restricted
10539.610	61.0	H	74.0	-13.0	PK	43	1.0	Non-restricted
3513.290	50.6	H	54.0	-3.4	AVG	109	1.7	Non-restricted
3513.290	52.9	H	74.0	-21.1	PK	109	1.7	Non-restricted
5263.920	47.1	V	54.0	-6.9	AVG	133	1.3	Non-restricted
5263.920	56.7	V	74.0	-17.3	PK	133	1.3	Non-restricted
4923.950	50.2	H	54.0	-3.8	AVG	232	1.4	
4923.950	52.3	H	74.0	-21.7	PK	232	1.4	
15813.010	41.7	V	54.0	-12.3	AVG	55	1.0	
15813.010	55.0	V	74.0	-19.0	PK	55	1.0	

Note 1: For emissions in restricted bands, the limit of 15.209 was used. For all other emissions, the limit was set 30dB below the level of the fundamental and measured in 100kHz.

Note 2: No spurious emission, being 20-dB of the limit, were detected above 18GHz.

Client: Cisco-Linksys	Job Number: J67313
Model: WRT600N	T-Log Number: T67324
Contact: Kevin Lee	Account Manager: -
Standard: FCC 15.407 & RSS-210	Class: N/A

Run #1c: High Channel 62 @ 5310 MHz





EMC Test Data

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

Preliminary Readings

Frequency	Level	Pol	15.209 / 15.247		Detector	Azimuth	Height	Comments
MHz	dBuV/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
1192.500	46.3	V	54.0	-7.7	Peak	244	1.9	
1724.170	47.1	V	54.0	-6.9	Peak	93	1.6	
3540.180	49.8	H	54.0	-4.2	Peak	121	1.7	Non-restricted
4923.870	50.1	H	54.0	-3.9	Peak	232	1.4	
5305.560	49.2	V	54.0	-4.8	Peak	156	1.9	
7077.500	46.1	V	54.0	-7.9	Peak	50	1.3	Non-restricted
10616.000	58.7	H	54.0	4.7	Peak	44	1.0	
14160.00	40.3	V	54.0	-13.7	Peak	83	1.0	Non-restricted
15920.00	43.6	V	54.0	-10.4	Peak	38	1.0	

Maximized Readings

Frequency	Level	Pol	15.209 / 15.247		Detector	Azimuth	Height	Comments
MHz	dBuV/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
10616.660	47.4	H	54.0	-6.6	AVG	45	1.0	
10616.660	60.2	H	74.0	-13.8	PK	45	1.0	
3540.000	49.0	H	54.0	-5.0	AVG	122	1.7	Non-restricted
3540.000	52.0	H	74.0	-22.0	PK	122	1.7	Non-restricted
5305.910	36.4	V	54.0	-17.6	AVG	157	1.9	
5305.910	52.3	V	74.0	-21.7	PK	157	1.9	
4923.920	50.3	H	54.0	-3.7	AVG	233	1.4	
4923.920	52.5	H	74.0	-21.5	PK	233	1.4	

Note 1: For emissions in restricted bands, the limit of 15.209 was used. For all other emissions, the limit was set 30dB below the level of the fundamental and measured in 100kHz.

Note 2: No spurious emission, being 20-dB of the limit, were detected above 18GHz.



EMC Test Data

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

RSS 210 and FCC 15.407 Radiated Spurious Emissions

Test Specific Details

Objective: The objective of this test session is to perform final qualification testing of the EUT with respect to the specification listed above.

Date of Test: 3/22/2007
Test Engineer: Rafael Varelas
Test Location: Fremont Chamber #3

Config. Used: 1
Config Change: None
EUT Voltage: 120V/60Hz

General Test Configuration

The EUT and all local support equipment were located on the turntable for radiated spurious emissions testing.

For radiated emissions testing the measurement antenna was located 3 meters from the EUT.

Ambient Conditions:

Temperature:	19.7 °C
Rel. Humidity:	45 %

Summary of Results

Run #	Test Performed	Limit	Pass / Fail	Result / Margin
(802.11n Mode) 20MHz CDD	RE, 1000 - 18000 MHz - Spurious Emissions	FCC Part 15.209 / 15.407	Pass	52.2dBμV/m (407.4μV/m) @ 10639.6MHz (-1.8dB)

Modifications Made During Testing:

No modifications were made to the EUT during testing

Deviations From The Standard

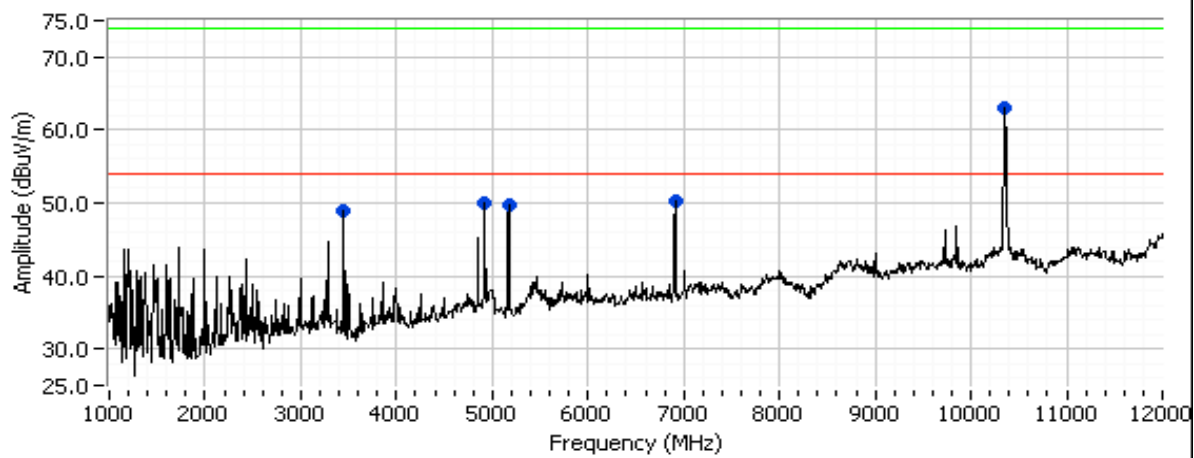
No deviations were made from the requirements of the standard.

Client: Cisco-Linksys	Job Number: J67313
Model: WRT600N	T-Log Number: T67324
Contact: Kevin Lee	Account Manager: -
Standard: FCC 15.407 & RSS-210	Class: N/A

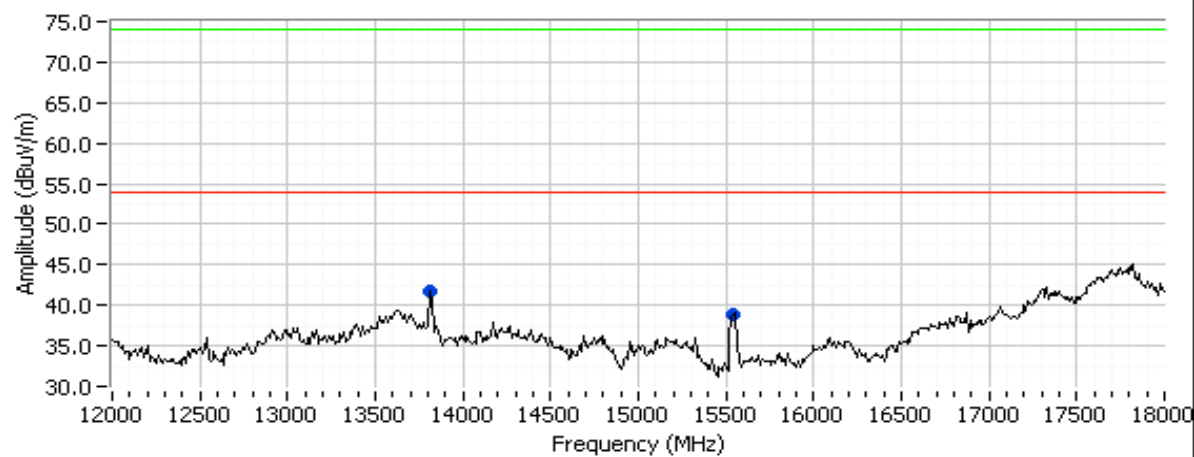
Run #1: Radiated Spurious Emissions, 30 - 18000 MHz. Operating Mode: 802.11n 20MHz

Run #1a: Low Channel 36 @ 5180 MHz

Run #1a: 1000 - 12,000 MHz, V/H



Run #1a: 12,000 - 18,000 MHz, V/H





EMC Test Data

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

Preliminary Readings

Frequency	Level	Pol	15.209 / 15.407		Detector	Azimuth	Height	Comments
MHz	dB μ V/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
3447.500	49.0	H	54.0	-5.0	Peak	117	1.4	Non-restricted
4923.960	50.0	V	54.0	-4.0	Peak	255	1.6	
5170.830	49.8	V	54.0	-4.2	Peak	74	1.9	Non-restricted
6912.500	50.2	H	54.0	-3.8	Peak	37	1.4	Non-restricted
10350.00	62.9	H	85.8	-22.9	Peak	45	1.0	Non-restricted
13810.00	41.7	V	54.0	-12.3	Peak	71	1.0	
15540.00	38.8	V	54.0	-15.2	Peak	57	1.0	

Maximized Readings

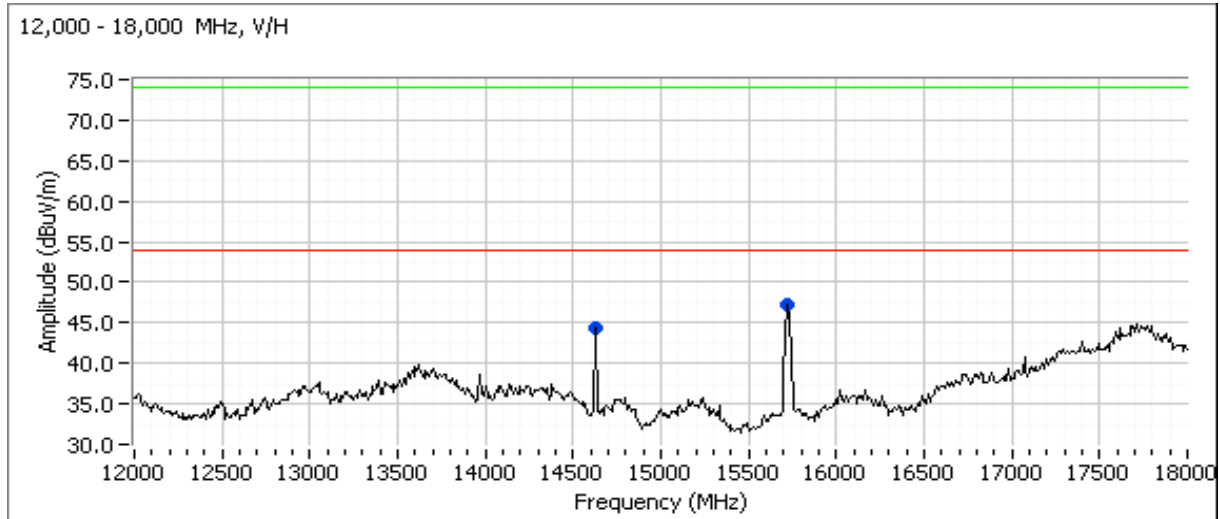
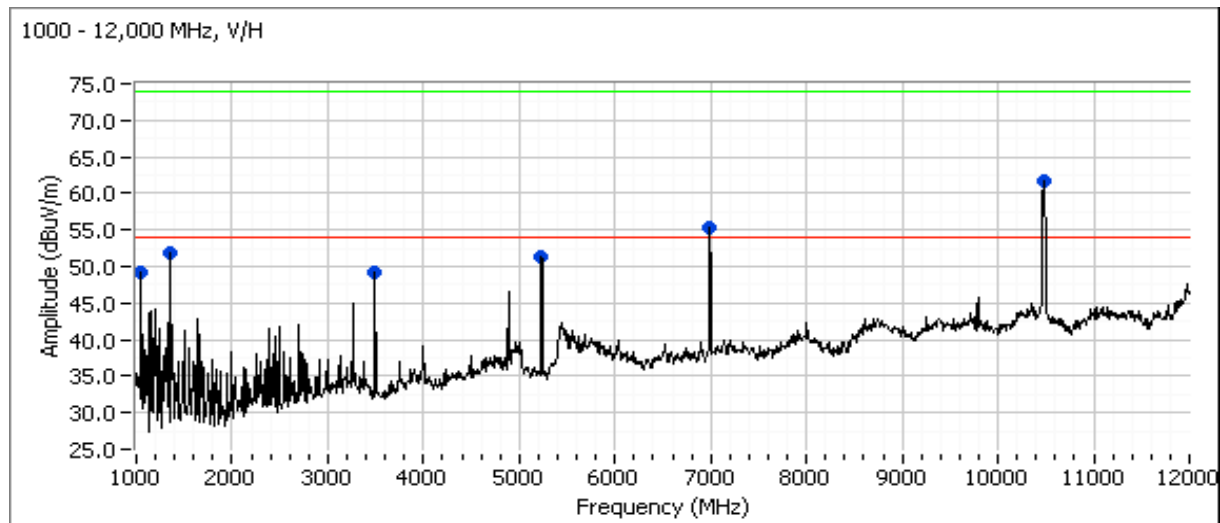
Frequency	Level	Pol	15.209 / 15.407		Detector	Azimuth	Height	Comments
MHz	dB μ V/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
4923.990	48.4	V	54.0	-5.6	AVG	256	1.6	
4923.990	50.8	V	74.0	-23.2	PK	256	1.6	

Note 1: For emissions in restricted bands, the limit of 15.209 was used. For all other emissions, the limit was set 30dB below the level of the fundamental and measured in 100kHz.

Note 2: No spurious emission, being 20-dB of the limit, were detected above 18GHz.

Client: Cisco-Linksys	Job Number: J67313
Model: WRT600N	T-Log Number: T67324
Contact: Kevin Lee	Account Manager: -
Standard: FCC 15.407 & RSS-210	Class: N/A

Run #1d: Channel 48 @ 5240 MHz





EMC Test Data

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

Preliminary Readings

Frequency	Level	Pol	15.209 / 15.407		Detector	Azimuth	Height	Comments
MHz	dB μ V/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
1050.210	49.3	V	54.0	-4.7	Peak	323	1.0	
1350.040	51.9	V	54.0	-2.1	Peak	267	1.6	
3493.440	49.2	H	54.0	-4.8	Peak	110	1.7	Non-restricted
5234.910	51.3	V	54.0	-2.7	Peak	0	1.0	Non-restricted
6986.680	55.3	V	54.0	1.3	Peak	37	1.6	Non-restricted
10479.930	61.7	V	54.0	7.7	Peak	34	1.0	Non-restricted
14630.00	44.3	V	54.0	-9.7	Peak	229	1.0	
15720.00	47.3	V	54.0	-6.7	Peak	49	1.0	

Maximized Readings

Frequency	Level	Pol	15.209 / 15.407		Detector	Azimuth	Height	Comments
MHz	dB μ V/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
5235.570	50.0	V	54.0	-4.0	AVG	0	1.0	Non-restricted
5235.570	59.4	V	74.0	-14.6	PK	0	1.0	Non-restricted
10479.500	66.1	V	85.2	-19.1	PK	37	1.0	Non-restricted
6986.640	55.7	V	85.2	-29.5	PK	37	1.6	Non-restricted
3493.300	48.5	H	54.0	-5.5	AVG	110	1.7	Non-restricted
3493.300	50.3	H	74.0	-23.7	PK	110	1.7	Non-restricted
1350.080	48.6	V	54.0	-5.4	AVG	267	1.6	
1350.080	50.3	V	74.0	-23.7	PK	267	1.6	
1050.080	46.3	V	54.0	-7.7	AVG	323	1.0	
1050.080	48.2	V	74.0	-25.8	PK	323	1.0	

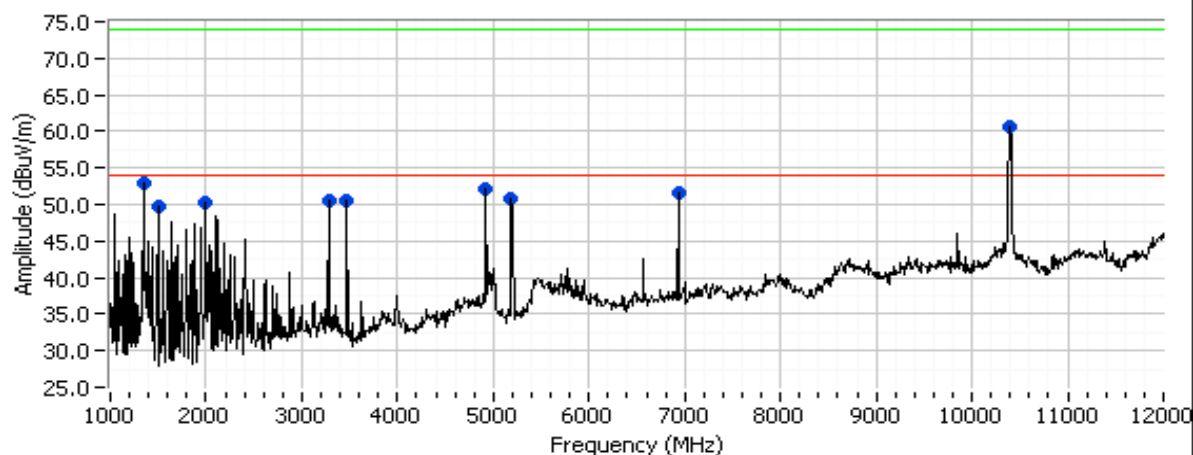
Note 1: For emissions in restricted bands, the limit of 15.209 was used. For all other emissions, the limit was set 30dB below the level of the fundamental and measured in 100kHz.

Note 2: No spurious emission, being 20-dB of the limit, were detected above 18GHz.

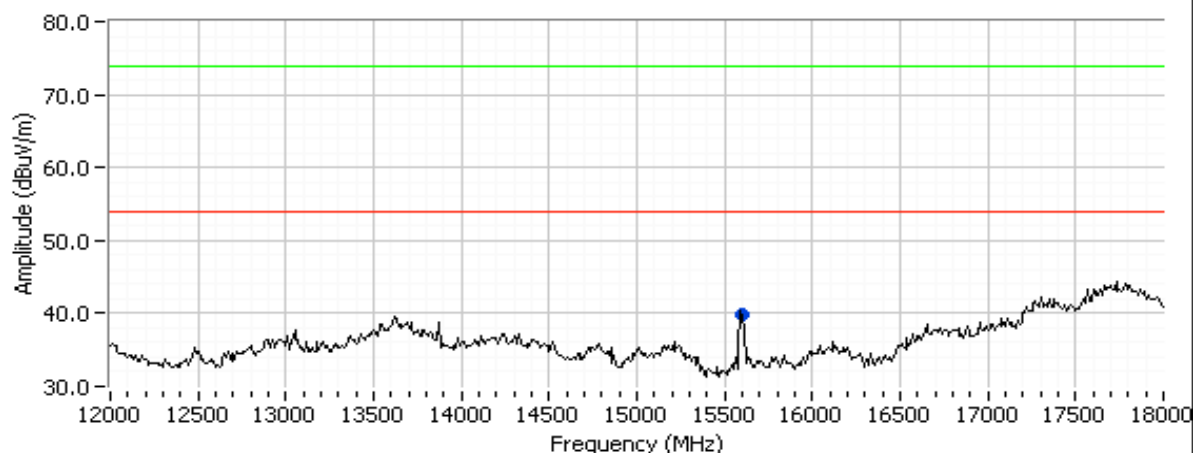
Client: Cisco-Linksys	Job Number: J67313
Model: WRT600N	T-Log Number: T67324
Contact: Kevin Lee	Account Manager: -
Standard: FCC 15.407 & RSS-210	Class: N/A

Run #1e: Channel 40 @ 5200 MHz

1000 - 12,000, V/H



12,000 - 18,000 MHz, V/H





EMC Test Data

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

Preliminary Readings

Frequency	Level	Pol	15.209 / 15.407		Detector	Azimuth	Height	Comments
MHz	dBµV/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
1349.980	52.8	H	54.0	-1.2	Peak	64	1.8	
2004.020	50.3	H	54.0	-3.7	Peak	125	1.8	Non-restricted
3282.590	50.6	V	54.0	-3.4	Peak	288	1.3	Non-restricted
3466.750	50.6	H	54.0	-3.4	Peak	118	1.8	Non-restricted
4923.960	52.0	V	54.0	-2.0	Peak	244	1.6	
5194.390	50.9	V	54.0	-3.1	Peak	292	1.8	Non-restricted
1500.120	49.8	H	54.0	-4.2	Peak	224	1.8	
6933.320	51.7	V	54.0	-2.3	Peak	290	1.0	Non-restricted
10399.950	60.6	V	54.0	6.6	Peak	137	1.0	Non-restricted
15600.00	39.9	V	54.0	-14.1	Peak	77	1.0	

Maximized Readings

Frequency	Level	Pol	15.209 / 15.407		Detector	Azimuth	Height	Comments
MHz	dBµV/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
1349.930	52.3	H	54.0	-1.7	AVG	64	1.8	
1349.930	53.5	H	74.0	-20.5	PK	64	1.8	
2004.040	49.2	H	54.0	-4.8	AVG	124	1.8	Non-restricted
2004.040	50.4	H	74.0	-23.6	PK	124	1.8	Non-restricted
3466.710	49.4	H	54.0	-4.6	AVG	115	1.8	Non-restricted
3466.710	51.0	H	74.0	-23.0	PK	115	1.8	Non-restricted
3282.680	49.1	V	54.0	-4.9	AVG	288	1.3	Non-restricted
3282.680	51.2	V	74.0	-22.8	PK	288	1.3	Non-restricted
4923.940	51.0	V	54.0	-3.0	AVG	244	1.6	
4923.940	53.4	V	74.0	-20.6	PK	244	1.6	
5195.140	49.1	V	54.0	-4.9	AVG	291	1.8	Non-restricted
5195.140	58.4	V	74.0	-15.6	PK	291	1.8	Non-restricted
1500.100	47.9	H	54.0	-6.1	AVG	224	1.8	
1500.100	50.6	H	74.0	-23.4	PK	224	1.8	
6933.280	50.4	V	54.0	-3.6	AVG	289	1.0	Non-restricted
6933.280	52.7	V	74.0	-21.3	PK	289	1.0	Non-restricted
10399.100	50.5	V	54.0	-3.5	AVG	137	1.0	Non-restricted
10399.100	62.9	V	74.0	-11.1	PK	137	1.0	Non-restricted

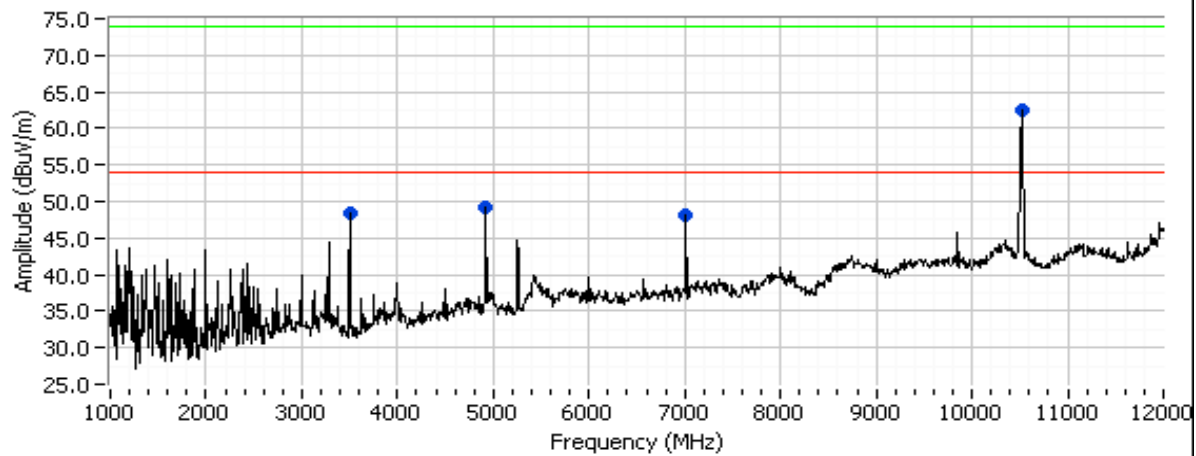
Note 1: For emissions in restricted bands, the limit of 15.209 was used. For all other emissions, the limit was set 30dB below the level of the fundamental and measured in 100kHz.

Note 2: No spurious emission, being 20-dB of the limit, were detected above 18GHz.

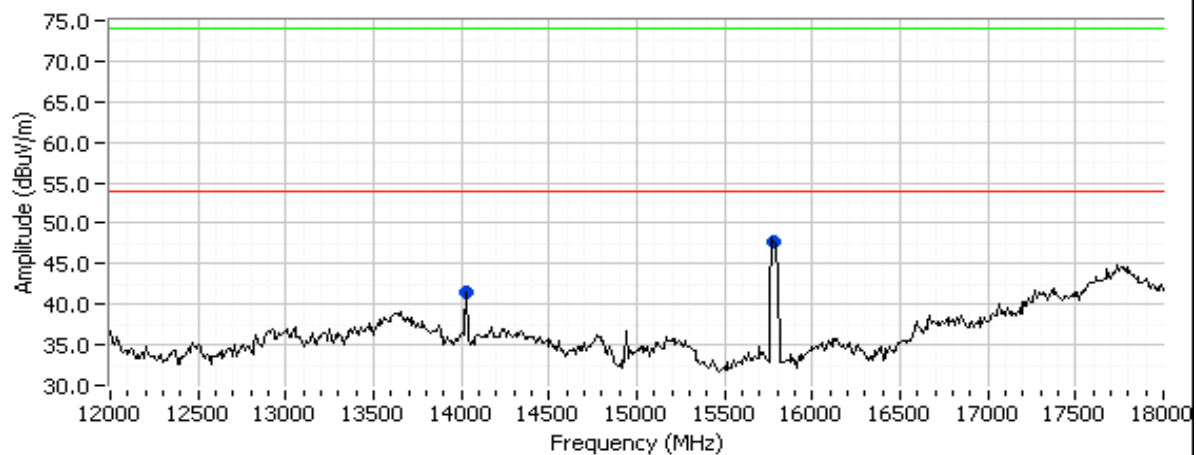
Client: Cisco-Linksys	Job Number: J67313
Model: WRT600N	T-Log Number: T67324
Contact: Kevin Lee	Account Manager: -
Standard: FCC 15.407 & RSS-210	Class: N/A

Run #1b: Center Channel 52 @ 5260 MHz

Run #1b: 1000 - 12,000 MHz, V/H



Run #1b: 12,000 - 18,000 MHz, V/H





EMC Test Data

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

Preliminary Readings

Frequency	Level	Pol	15.209 / 15.247		Detector	Azimuth	Height	Comments
MHz	dBuV/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
3502.500	48.5	H	54.0	-5.5	Peak	106	1.4	Non-restricted
4923.960	49.2	V	54.0	-4.8	Peak	255	1.6	
7013.330	48.1	V	54.0	-5.9	Peak	272	1.0	Non-restricted
10515.00	62.5	H	-	-	Peak	32	1.1	Non-restricted
14030.00	41.4	V	54.0	-12.6	Peak	70	1.0	Non-restricted
15778.80	47.6	V	54.0	-6.4	Peak	51	1.0	

Maximized Readings

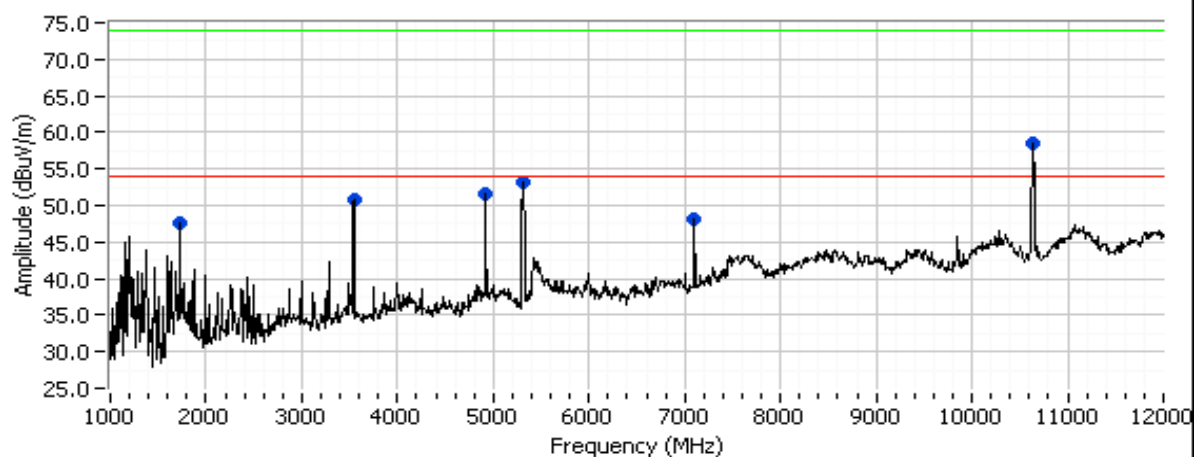
Frequency	Level	Pol	15.209 / 15.247		Detector	Azimuth	Height	Comments
MHz	dBuV/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
4924.020	47.8	V	54.0	-6.2	AVG	256	1.6	
4924.020	50.3	V	74.0	-23.7	PK	256	1.6	
15778.550	43.3	V	54.0	-10.7	AVG	52	1.0	
15778.550	57.1	V	74.0	-16.9	PK	52	1.0	

Note 1:	For emissions in restricted bands, the limit of 15.209 was used. For all other emissions, the limit was set 30dB below the level of the fundamental and measured in 100kHz.
Note 2:	No spurious emission, being 20-dB of the limit, were detected above 18GHz.

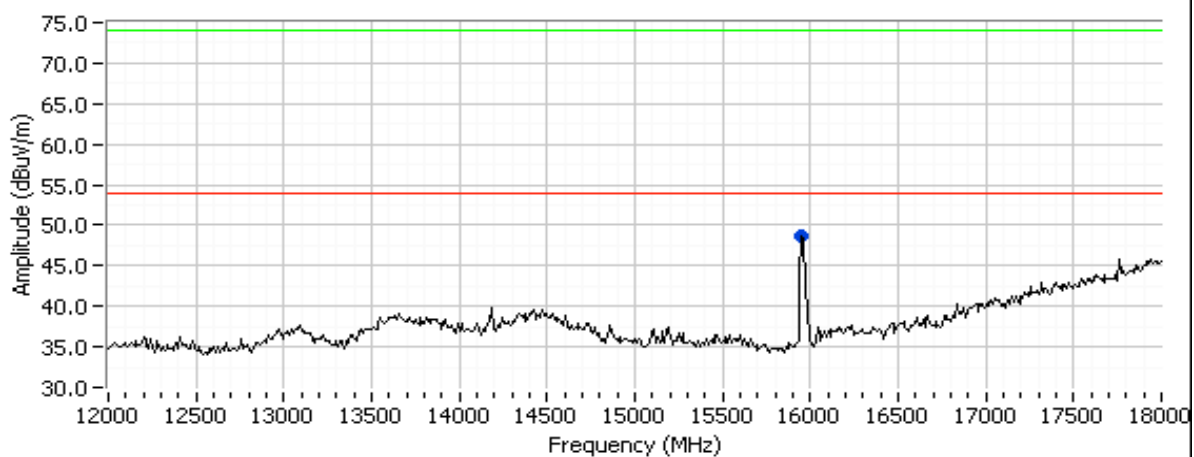
Client: Cisco-Linksys	Job Number: J67313
Model: WRT600N	T-Log Number: T67324
Contact: Kevin Lee	Account Manager: -
Standard: FCC 15.407 & RSS-210	Class: N/A

Run #1c: High Channel 64 @ 5320 MHz

Run #1c: 1000 - 12,000 MHz, V/H



Run #1c: 12,000 - 18,000 MHz, V/H





EMC Test Data

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

Preliminary Readings

Frequency	Level	Pol	15.209 / 15.247		Detector	Azimuth	Height	Comments
MHz	dB μ V/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
3546.770	50.7	H	54.0	-3.3	Peak	129	1.7	Non-restricted
4923.870	51.5	H	54.0	-2.5	Peak	232	1.4	
5316.380	53.2	H	54.0	-0.8	Peak	278	1.1	Non-restricted
1724.170	47.5	V	54.0	-6.5	Peak	94	1.6	Non-restricted
7095.830	48.2	V	54.0	-5.8	Peak	52	1.0	Non-restricted
10639.850	58.4	H	54.0	4.4	Peak	71	1.0	
15958.090	48.7	V	54.0	-5.3	Peak	42	1.0	

Maximized Readings

Frequency	Level	Pol	15.209 / 15.247		Detector	Azimuth	Height	Comments
MHz	dB μ V/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
10639.610	52.2	H	54.0	-1.8	AVG	68	1.0	
10639.610	65.7	H	74.0	-8.3	PK	68	1.0	
3546.620	50.1	H	74.0	-23.9	PK	131	1.7	Non-restricted
3546.620	49.6	H	54.0	-4.4	Avg	127	1.7	Non-restricted
4923.880	50.6	H	54.0	-3.4	AVG	234	1.4	
4923.880	52.5	H	74.0	-21.5	PK	234	1.4	
5316.790	50.4	H	54.0	-3.6	AVG	279	1.1	Non-restricted
5316.790	59.9	H	74.0	-14.1	PK	279	1.1	Non-restricted
15957.440	44.4	V	54.0	-9.6	AVG	44	1.0	
15957.440	57.0	V	74.0	-17.0	PK	44	1.0	

Note 1: For emissions in restricted bands, the limit of 15.209 was used. For all other emissions, the limit was set 30dB below the level of the fundamental and measured in 100kHz.

Note 2: No spurious emission, being 20-dB of the limit, were detected above 18GHz.



EMC Test Data

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

RSS 210 and FCC 15.407 Radiated Spurious Emissions

Test Specific Details

Objective: The objective of this test session is to perform final qualification testing of the EUT with respect to the specification listed above.

Date of Test: 3/23/2007
Test Engineer: Rafael Varelas
Test Location: Fremont Chamber #3

Config. Used: 1
Config Change: None
EUT Voltage: 120V/60Hz

General Test Configuration

The EUT and all local support equipment were located on the turntable for radiated spurious emissions testing.

For radiated emissions testing the measurement antenna was located 3 meters from the EUT.

Ambient Conditions:

Temperature:	19.8 °C
Rel. Humidity:	45 %

Summary of Results

Run #	Test Performed	Limit	Pass / Fail	Result / Margin
(802.11n Mode) 40MHz CDD	RE, 1000 - 18000 MHz - Spurious Emissions	FCC Part 15.209 / 15.407	Pass	53.5dBμV/m (473.2μV/m) @ 2125.2MHz (-0.5dB)

Modifications Made During Testing:

No modifications were made to the EUT during testing

Deviations From The Standard

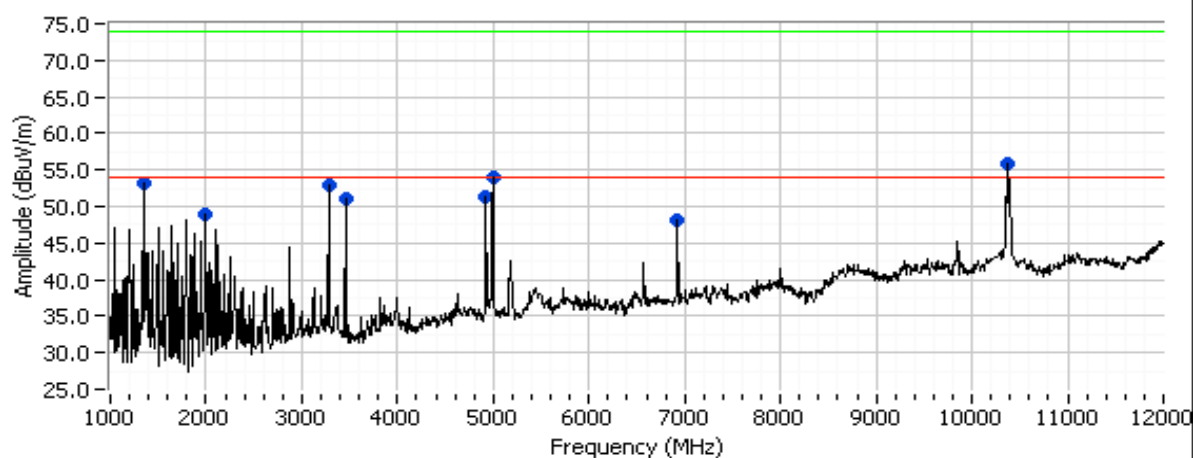
No deviations were made from the requirements of the standard.

Client: Cisco-Linksys	Job Number: J67313
Model: WRT600N	T-Log Number: T67324
Contact: Kevin Lee	Account Manager: -
Standard: FCC 15.407 & RSS-210	Class: N/A

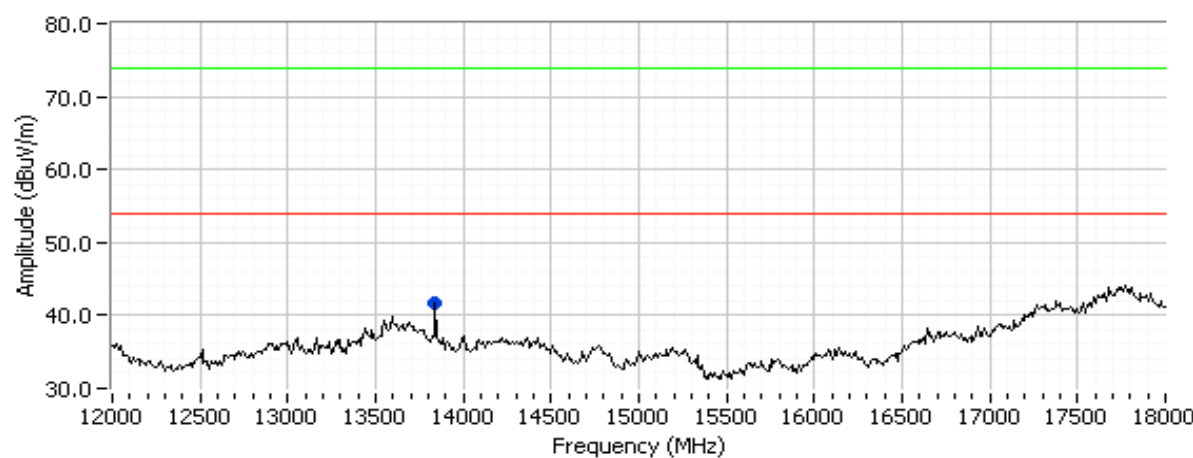
Run #1: Radiated Spurious Emissions, 30 - 18000 MHz. Operating Mode: 802.11n 40 MHz

Run #1a: Low Channel 38 @ 5190 MHz

1000 - 12,000 MHz, V/H



12,000 - 18,000 MHz, V/H





EMC Test Data

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

Preliminary Readings

Frequency	Level	Pol	15.209 / 15.407		Detector	Azimuth	Height	Comments
MHz	dBuV/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
13840.00	41.6	H	54.0	-12.4	Peak	43	1.1	Non-restricted
6920.020	48.1	V	54.0	-5.9	Peak	88	1.3	Non-restricted
10379.970	55.8	V	54.0	1.8	Peak	76	1.6	Non-restricted
1349.980	53.1	H	54.0	-0.9	Peak	56	1.7	
2003.930	49.0	H	54.0	-5.0	Peak	113	1.4	Non-restricted
3282.680	52.8	V	54.0	-1.2	Peak	260	1.3	Non-restricted
3460.150	51.1	H	54.0	-2.9	Peak	106	1.4	Non-restricted
4923.970	51.3	V	54.0	-2.7	Peak	237	1.6	
5000.150	54.1	V	54.0	0.1	Peak	260	1.9	

Maximized Readings

Frequency	Level	Pol	15.209 / 15.407		Detector	Azimuth	Height	Comments
MHz	dBuV/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
3282.740	53.1	V	54.0	-0.9	AVG	261	1.3	Non-restricted
3282.740	54.3	V	74.0	-19.7	PK	261	1.3	Non-restricted
6919.920	46.8	V	54.0	-7.2	AVG	88	1.3	Non-restricted
6919.920	50.1	V	74.0	-23.9	PK	88	1.3	Non-restricted
10379.860	50.9	V	54.0	-3.1	AVG	75	1.6	Non-restricted
10379.860	59.7	V	74.0	-14.3	PK	75	1.6	Non-restricted
1350.050	52.2	H	54.0	-1.8	AVG	55	1.7	
1350.050	53.4	H	74.0	-20.6	PK	55	1.7	
2003.940	49.2	H	54.0	-4.8	AVG	113	1.4	Non-restricted
2003.940	50.1	H	74.0	-23.9	PK	113	1.4	Non-restricted
3459.940	51.6	H	54.0	-2.4	AVG	105	1.4	Non-restricted
3459.940	52.7	H	74.0	-21.3	PK	105	1.4	Non-restricted
4924.010	50.2	V	54.0	-3.8	AVG	237	1.6	
4924.010	52.1	V	74.0	-21.9	PK	237	1.6	
5000.440	31.0	V	54.0	-23.0	AVG	260	1.9	
5000.440	42.4	V	74.0	-31.6	PK	260	1.9	

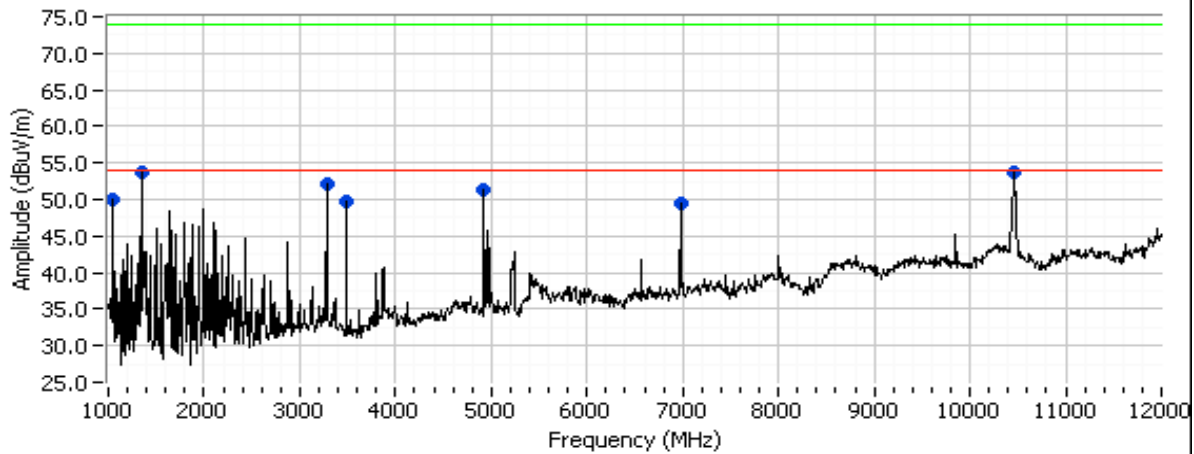
Note 1: For emissions in restricted bands, the limit of 15.209 was used. For all other emissions, the limit was set 30dB below the level of the fundamental and measured in 100kHz.

Note 2: No spurious emission, being 20-dB of the limit, were detected above 18GHz.

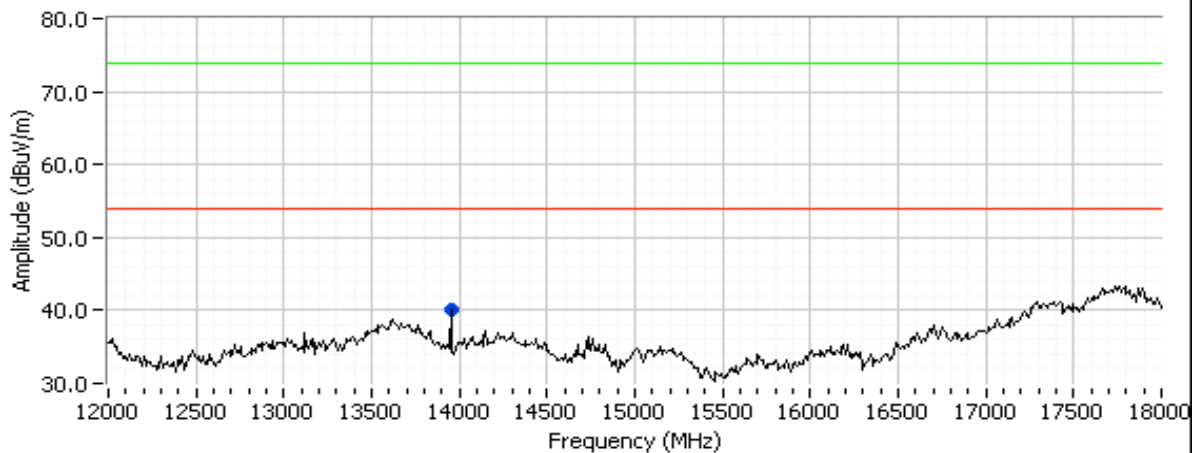
Client: Cisco-Linksys	Job Number: J67313
Model: WRT600N	T-Log Number: T67324
Contact: Kevin Lee	Account Manager: -
Standard: FCC 15.407 & RSS-210	Class: N/A

Run #1b: Middle Channel 46 @ 5230 MHz

1000 - 12,000 MHz, V/H



12,000 - 18,000 MHz, V/H





EMC Test Data

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

Preliminary Readings

Frequency	Level	Pol	15.209 / 15.407		Detector	Azimuth	Height	Comments
MHz	dBμV/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
1050.134	50.0	H	54.0	-4.0	Peak	266	1.8	
1349.980	53.6	H	54.0	-0.4	Peak	42	1.8	
3282.590	52.1	V	54.0	-1.9	Peak	257	1.3	Non-restricted
3486.820	49.8	H	54.0	-4.2	Peak	117	1.8	Non-restricted
4923.970	51.3	V	54.0	-2.7	Peak	232	1.6	
6973.280	49.4	V	54.0	-4.6	Peak	290	1.0	Non-restricted
10460.000	53.8	V	54.0	-0.2	Peak	88	1.6	Non-restricted
13950.00	40.1	V	54.0	-13.9	Peak	52	1.3	

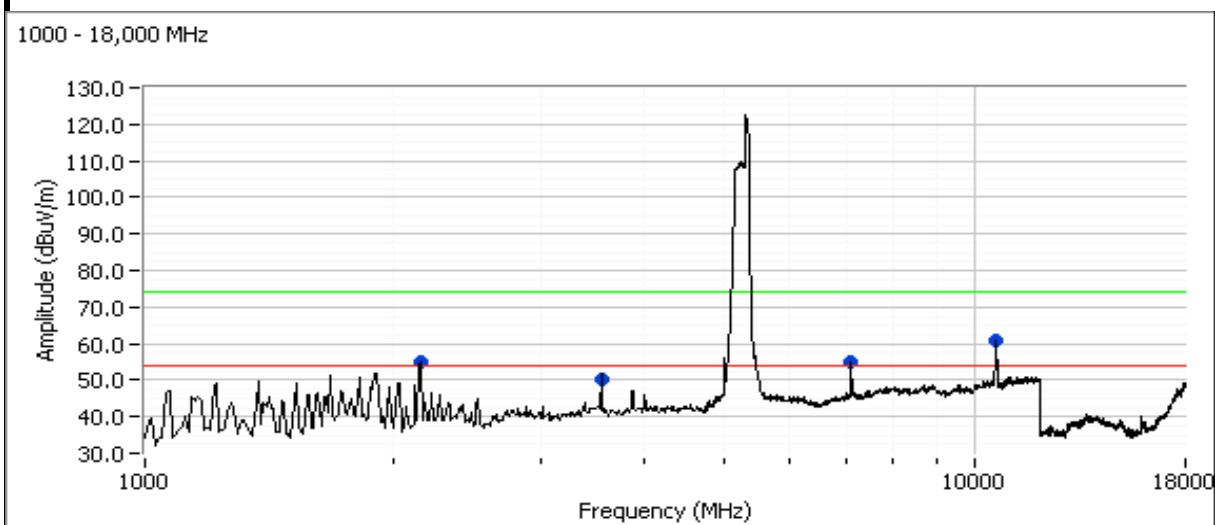
Maximized Readings

Frequency	Level	Pol	15.209 / 15.407		Detector	Azimuth	Height	Comments
MHz	dBμV/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
1350.020	51.5	H	54.0	-2.5	AVG	23	1.8	
1350.020	52.8	H	74.0	-21.2	PK	23	1.8	
10459.670	49.7	V	54.0	-4.3	AVG	88	1.6	Non-restricted
10459.670	57.1	V	74.0	-16.9	PK	88	1.6	Non-restricted
3486.740	48.9	H	54.0	-5.1	AVG	117	1.8	Non-restricted
3486.740	50.6	H	74.0	-23.4	PK	117	1.8	Non-restricted
1049.999	49.5	H	54.0	-4.5	AVG	266	1.8	
1049.999	51.0	H	74.0	-23.0	PK	266	1.8	
3282.600	50.8	V	54.0	-3.2	AVG	256	1.3	Non-restricted
3282.600	52.3	V	74.0	-21.7	PK	256	1.3	Non-restricted
4924.030	51.2	V	54.0	-2.8	AVG	231	1.6	
4924.030	53.1	V	74.0	-20.9	PK	231	1.6	
6973.280	45.9	V	54.0	-8.1	AVG	290	1.0	Non-restricted
6973.280	49.9	V	74.0	-24.1	PK	290	1.0	Non-restricted

Note 1:	For emissions in restricted bands, the limit of 15.209 was used. For all other emissions, the limit was set 30dB below the level of the fundamental and measured in 100kHz.
Note 2:	No spurious emission, being 20-dB of the limit, were detected above 18GHz.

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

Run #1c: High Channel @ 5310 MHz



Preliminary Readings

Frequency	Level	Pol	15.209 / 15.407		Detector	Azimuth	Height	Comments
MHz	dBuV/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
10642.940	60.7	H	54.0	6.7	Peak	47	1.6	
7079.870	54.8	V	54.0	0.8	Peak	252	1.2	
2125.140	55.0	V	54.0	1.0	Peak	274	1.4	
3539.920	50.0	H	54.0	-4.0	Peak	133	1.4	

Maximized Readings

Frequency	Level	Pol	15.209 / 15.407		Detector	Azimuth	Height	Comments
MHz	dBuV/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
2125.230	53.5	V	54.0	-0.5	AVG	274	1.4	
2125.230	55.1	V	74.0	-18.9	PK	274	1.4	
3540.080	50.6	H	54.0	-3.4	AVG	132	1.4	
3540.080	53.6	H	74.0	-20.4	PK	132	1.4	
10644.070	45.0	H	54.0	-9.0	AVG	47	1.6	
10644.070	64.4	H	74.0	-9.6	PK	47	1.6	
7079.860	46.7	V	54.0	-7.3	AVG	252	1.2	
7079.860	53.6	V	74.0	-20.4	PK	252	1.2	

Note 1: For emissions in restricted bands, the limit of 15.209 was used. For all other emissions, the limit was set 30dB below the level of the fundamental and measured in 100kHz.

Note 2: No spurious emission, being 20-dB of the limit, were detected above 18GHz.



EMC Test Data

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

RSS 210 and FCC 15.407 Radiated Spurious Emissions

Test Specific Details

Objective: The objective of this test session is to perform final qualification testing of the EUT with respect to the specification listed above.

Date of Test: 4/24/2007
Test Engineer: Rafael Varelas
Test Location: Fremont Chamber #5

Config. Used: 1
Config Change: None
EUT Voltage: 120V/60Hz

General Test Configuration

The EUT and all local support equipment were located on the turntable for radiated spurious emissions testing.

For radiated emissions testing the measurement antenna was located 3 meters from the EUT.

Ambient Conditions:

Temperature:	19.6 °C
Rel. Humidity:	38.1 %

Summary of Results

Run #	Test Performed	Limit	Pass / Fail	Result / Margin
1 (802.11n Mode) 40MHz SISO	RE, 1000 - 18000 MHz - Spurious Emissions	FCC Part 15.209 / 15.407	Pass	53.6dBµV/m (478.6µV/m) @ 1349.9MHz (-0.4dB)

Modifications Made During Testing:

No modifications were made to the EUT during testing

Deviations From The Standard

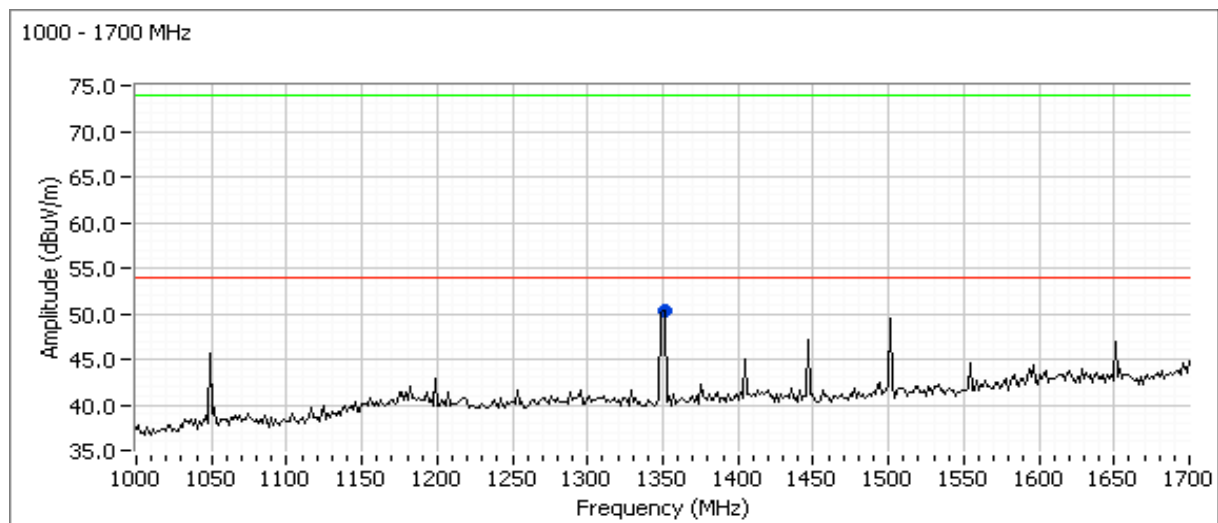
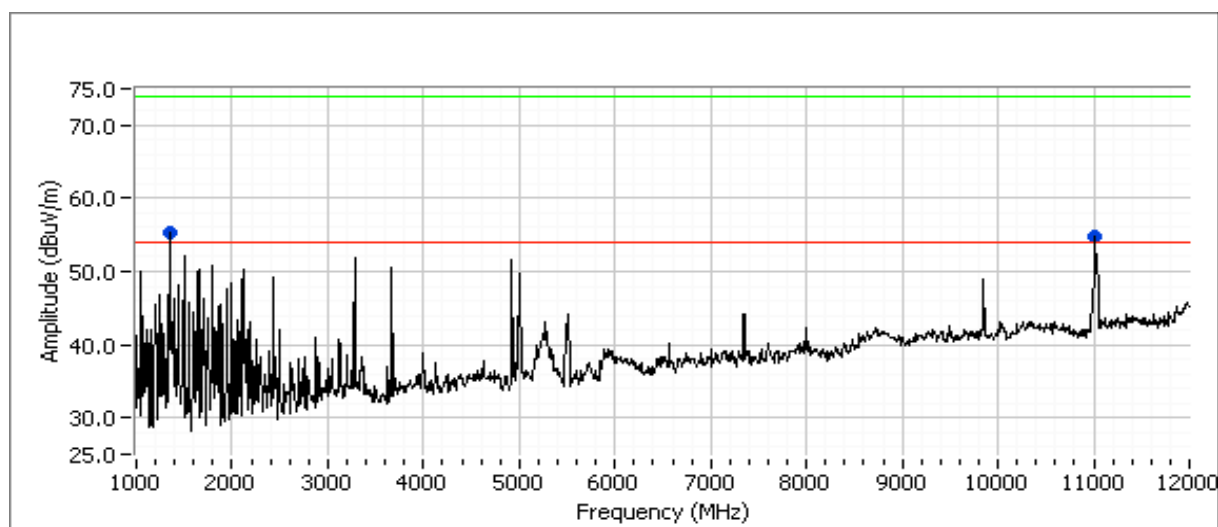
No deviations were made from the requirements of the standard.

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

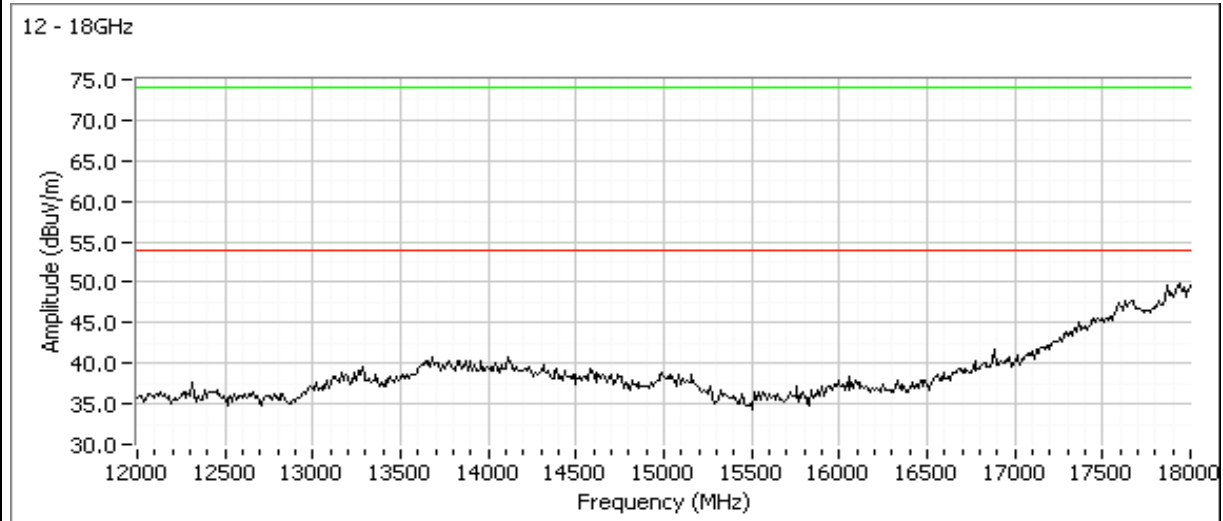
Run #1: Radiated Spurious Emissions, 30 - 18000 MHz.

Run #1a: Low Channel 102 @ 5510 MHz

Power = 16dBm , setting = 0x1c1c



Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A



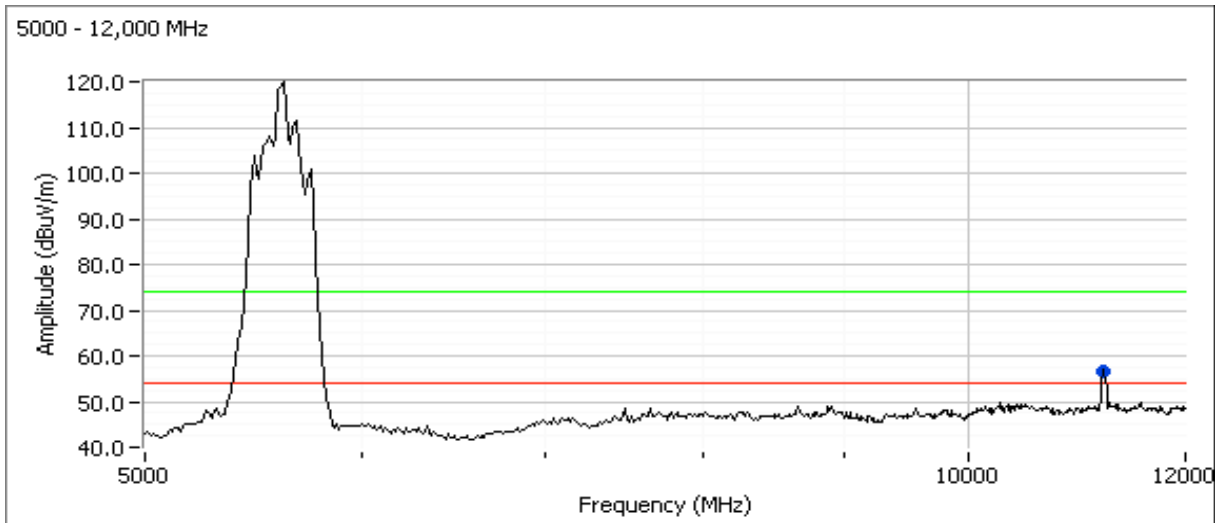
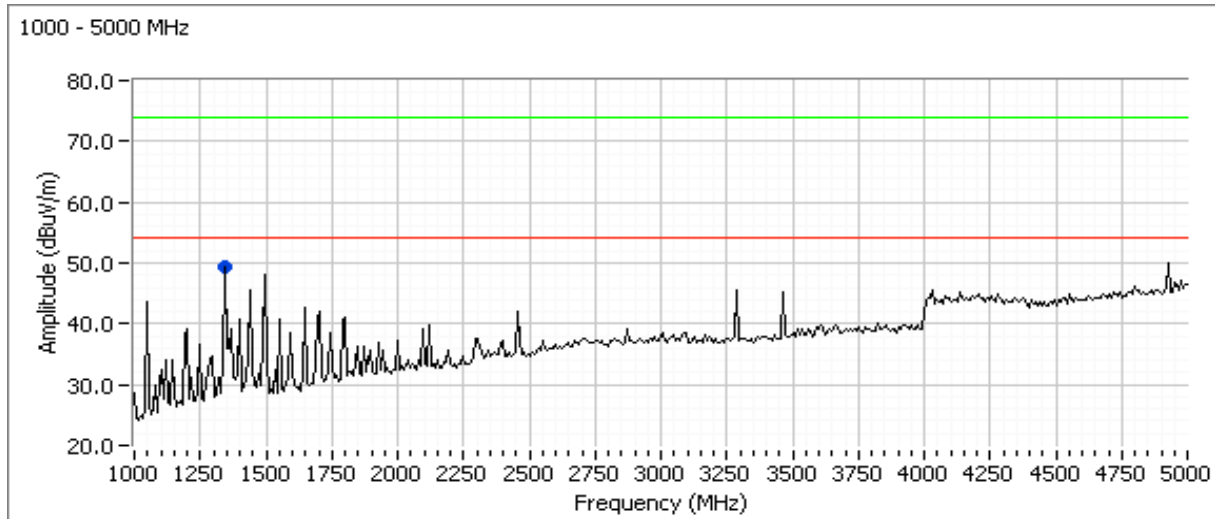
Frequency	Level	Pol	15.209 / 15.247	Detector	Azimuth	Height	Comments
MHz	dBuV/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters
1349.980	52.6	H	54.0	-1.4	AVG	37	1.5
1349.980	57.5	H	74.0	-16.5	PK	37	1.5

Note 1:	For emissions in restricted bands, the limit of 15.209 was used. For all other emissions, the limit was set to -27dBm/MHz.
Note 2:	No spurious emission, being 20-dB of the limit, were detected above 18GHz.

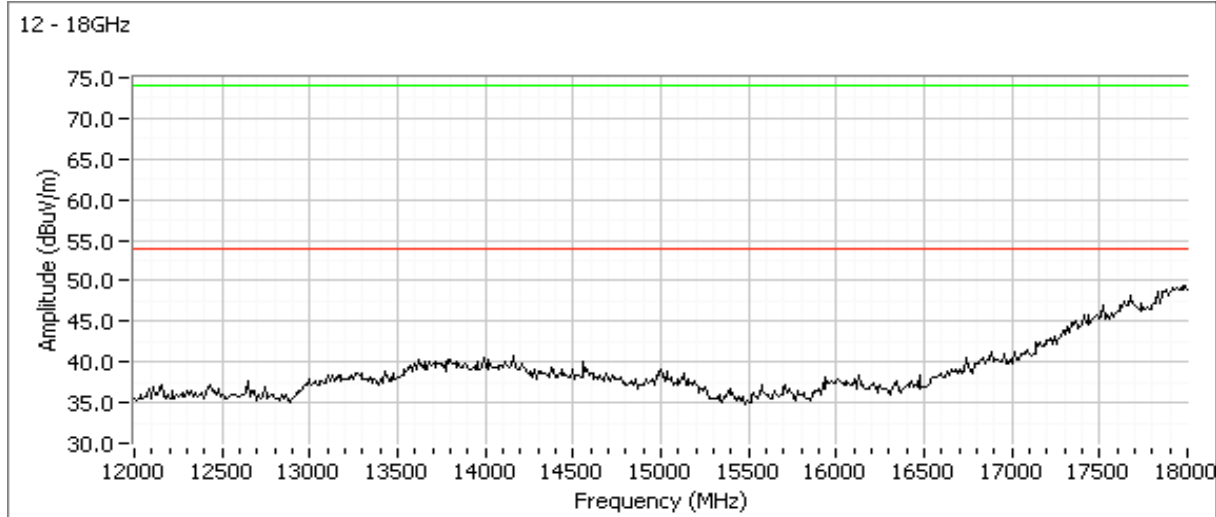
Client: Cisco-Linksys	Job Number: J67313
Model: WRT600N	T-Log Number: T67324
Contact: Kevin Lee	Account Manager: -
Standard: FCC 15.407 & RSS-210	Class: N/A

Run #1b: Center Channel 118 @ 5590 MHz

Power = 15dBm , setting = 0x1c1c



Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

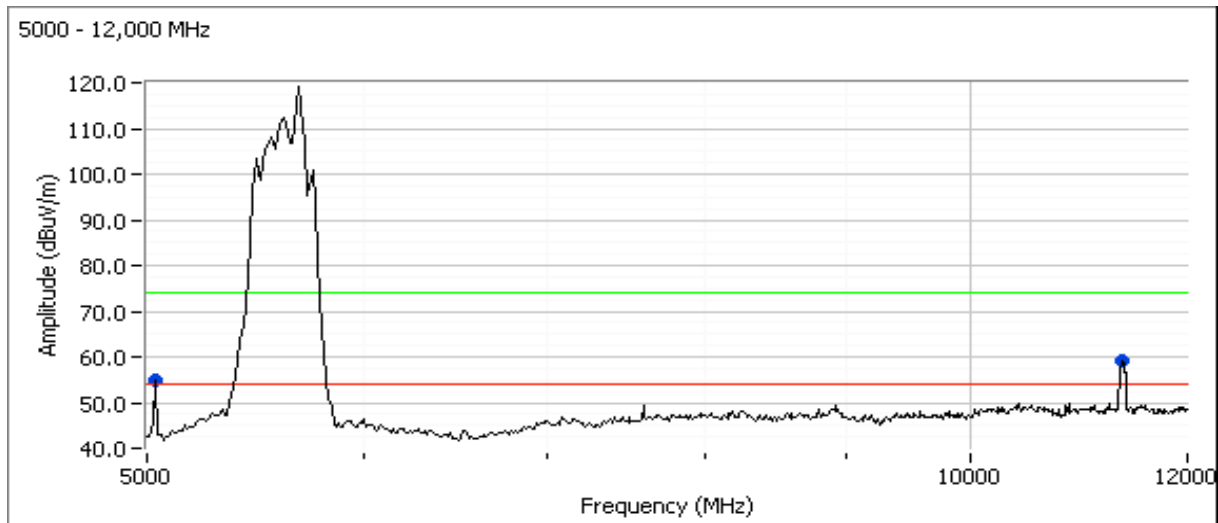
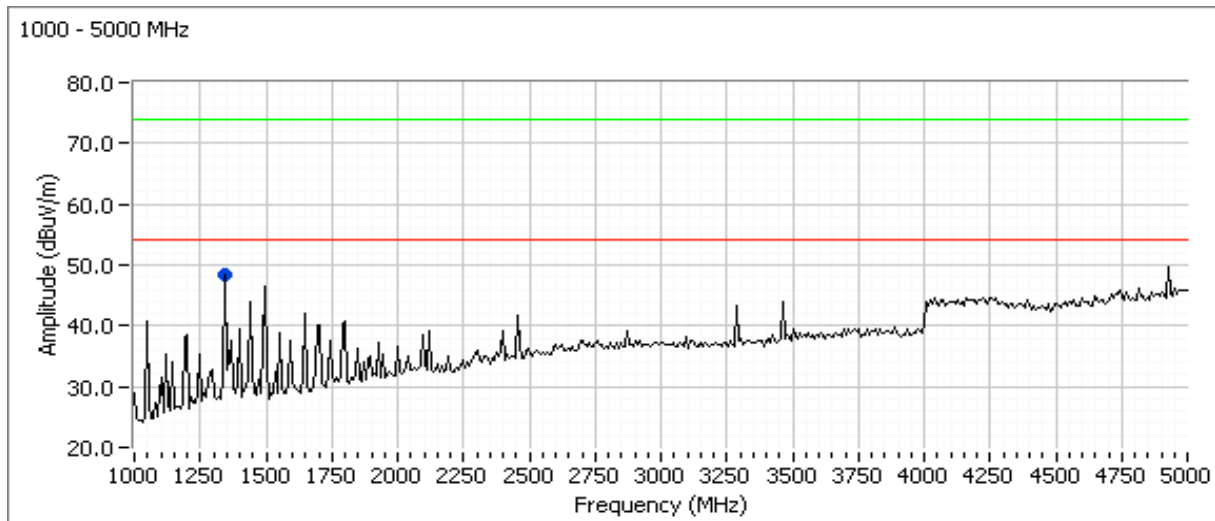


Frequency	Level	Pol	15.209 / 15.247	Detector	Azimuth	Height	Comments
MHz	dBuV/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters
11183.420	49.4	H	54.0	-4.6	AVG	146	1.0
11183.420	62.4	H	74.0	-11.6	PK	146	1.0
1349.930	53.2	H	54.0	-0.8	AVG	43	1.6
1349.930	57.8	H	74.0	-16.2	PK	43	1.6

Note 1:	For emissions in restricted bands, the limit of 15.209 was used. For all other emissions, the limit was set to -27dBm/MHz.
Note 2:	No spurious emission, being 20-dB of the limit, were detected above 18GHz.

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

Run #1c: Center Channel 134 @ 5670 MHz
Power = 15dBm , setting = 0x1111

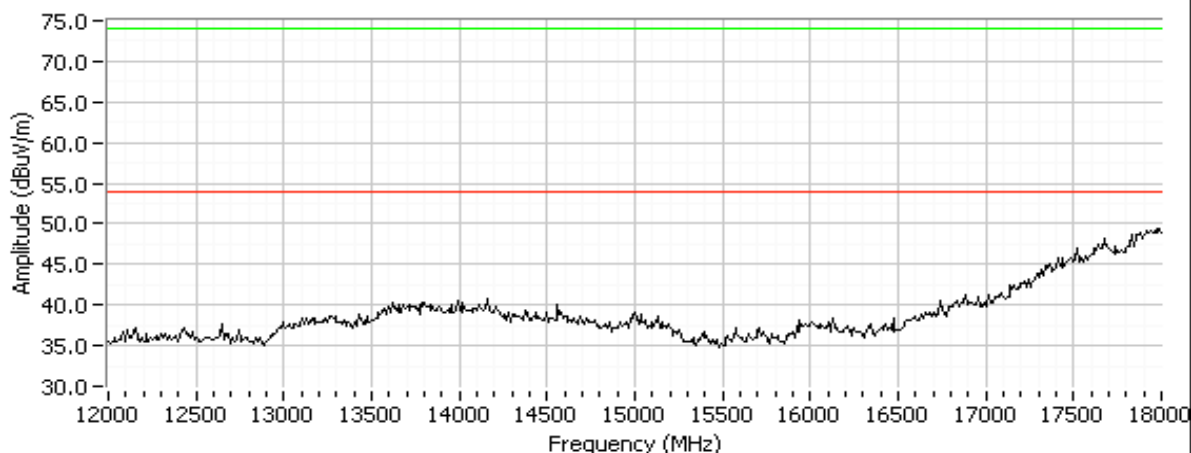




EMC Test Data

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

12 - 18GHz



Frequency	Level	Pol	15.209 / 15.247		Detector	Azimuth	Height	Comments
MHz	dBuV/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
1349.930	53.6	H	54.0	-0.4	AVG	43	1.6	
1349.930	57.9	H	74.0	-16.1	PK	43	1.6	
1349.930	44.3	V	54.0	-9.7	AVG	22	1.0	
1349.930	53.4	V	74.0	-20.6	PK	22	1.0	
11341.370	49.7	H	54.0	-4.3	AVG	16	1.6	
11341.370	62.5	H	74.0	-11.5	PK	16	1.6	
5027.330	33.6	V	54.0	-20.4	AVG	228	1.0	
5027.330	44.7	V	74.0	-29.3	PK	228	1.0	

Note 1: For emissions in restricted bands, the limit of 15.209 was used. For all other emissions, the limit was set to -27dBm/MHz.

Note 2: No spurious emission, being 20-dB of the limit, were detected above 18GHz.



EMC Test Data

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

RSS 210 and FCC 15.407 Radiated Spurious Emissions

Test Specific Details

Objective: The objective of this test session is to perform final qualification testing of the EUT with respect to the specification listed above.

Date of Test: 4/21/2007
Test Engineer: Rafael Varelas
Test Location: Fremont Chamber #4

Config. Used: 1
Config Change: None
EUT Voltage: 120V/60Hz

General Test Configuration

The EUT and all local support equipment were located on the turntable for radiated spurious emissions testing.

For radiated emissions testing the measurement antenna was located 3 meters from the EUT.

Ambient Conditions:

Temperature:	21.5 °C
Rel. Humidity:	35 %

Summary of Results

Run #	Test Performed	Limit	Pass / Fail	Result / Margin
1 (802.11n Mode) 20MHz CDD	RE, 1000 - 18000 MHz - Spurious Emissions	FCC Part 15.209 / 15.407	Pass	53.2dBµV/m (457.1µV/m) @ 1350.0MHz (-0.8dB)

Modifications Made During Testing:

No modifications were made to the EUT during testing

Deviations From The Standard

No deviations were made from the requirements of the standard.

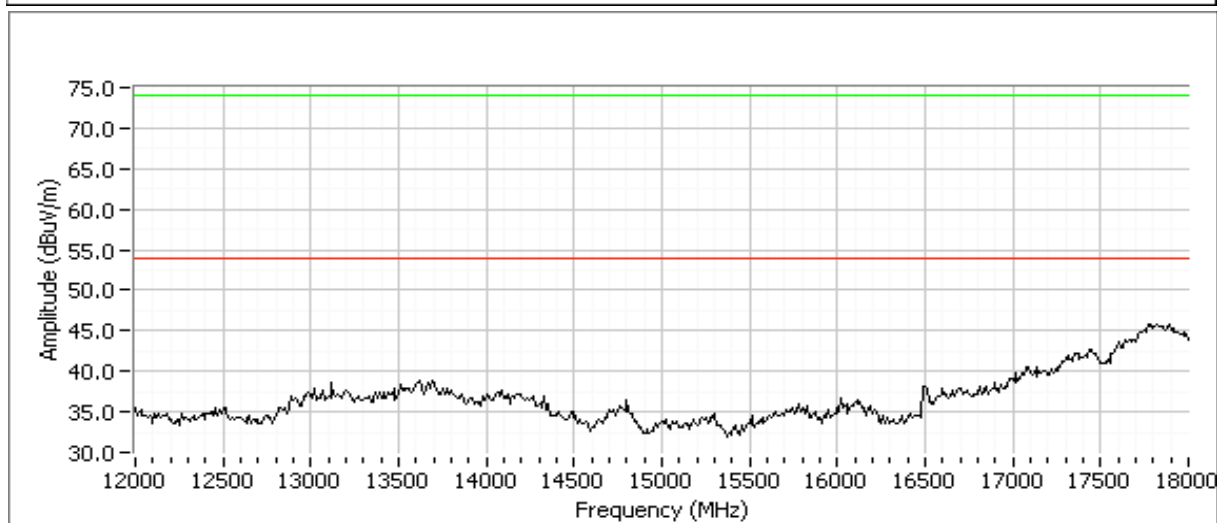
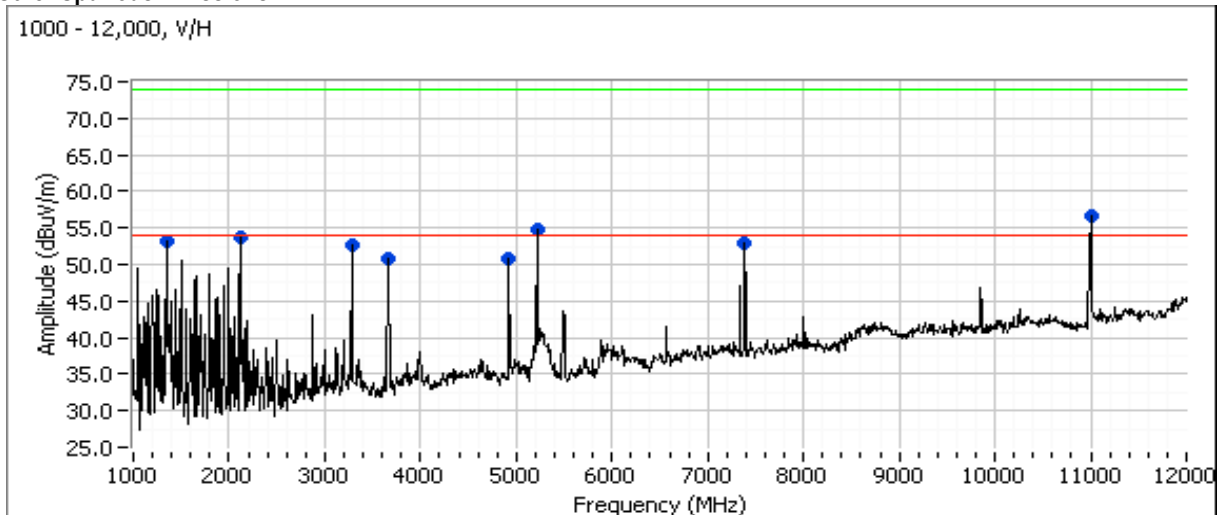
Client: Cisco-Linksys	Job Number: J67313
Model: WRT600N	T-Log Number: T67324
Contact: Kevin Lee	Account Manager: -
Standard: FCC 15.407 & RSS-210	Class: N/A

Run #1: Radiated Spurious Emissions, 30 - 18000 MHz.

Run #1a: Low Channel 100 @ 5500 MHz

Power = 15dBm , setting = 0x1717

Other Spurious Emissions





EMC Test Data

Client: Cisco-Linksys						Job Number: J67313		
Model: WRT600N						T-Log Number: T67324		
						Account Manager: -		
Contact: Kevin Lee								
Standard: FCC 15.407 & RSS-210						Class: N/A		
Frequency	Level	Pol	15.209 / 15.247		Detector	Azimuth	Height	Comments
MHz	dBμV/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
11000.630	50.8	H	54.0	-3.2	AVG	155	1.4	
11000.630	63.7	H	74.0	-10.3	PK	155	1.4	
1350.000	52.1	V	54.0	-1.9	AVG	77	1.0	
1350.000	53.4	V	74.0	-20.6	PK	77	1.0	
3666.630	49.4	H	54.0	-4.6	AVG	63	1.7	
3666.630	51.6	H	74.0	-22.4	PK	63	1.7	
5244.440	31.2	H	54.0	-22.8	AVG	208	2.0	
5244.440	43.0	H	74.0	-31.0	PK	208	2.0	
3282.600	53.1	H	54.0	-0.9	AVG	238	1.7	
3282.600	54.5	H	74.0	-19.5	PK	238	1.7	
4923.970	50.4	V	54.0	-3.6	AVG	273	2.0	
4923.970	52.2	V	74.0	-21.8	PK	273	2.0	
2125.080	51.2	V	54.0	-2.8	AVG	287	1.6	
2125.080	52.9	V	74.0	-21.1	PK	287	1.6	
7395.470	32.3	V	54.0	-21.7	AVG	318	1.3	
7395.470	43.8	V	74.0	-30.2	PK	318	1.3	
Note 1:	For emissions in restricted bands, the limit of 15.209 was used. For all other emissions, the limit was set to -27dBm/MHz.							
Note 2:	No spurious emission, being 20-dB of the limit, were detected above 18GHz.							

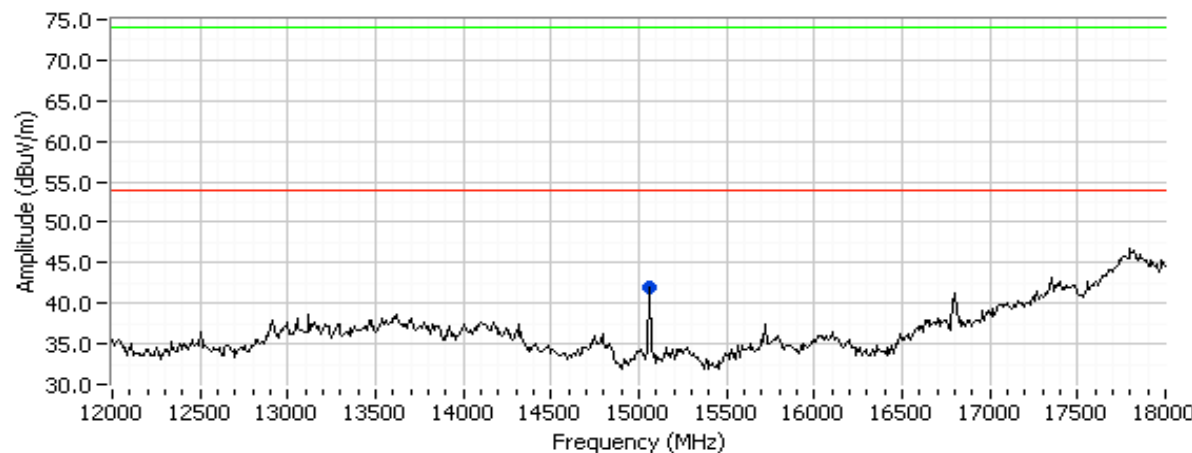
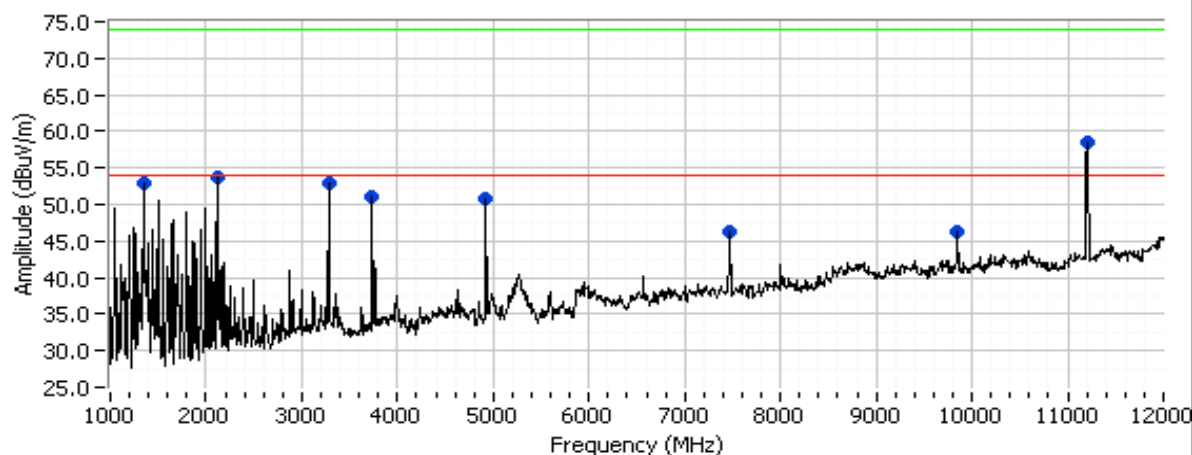
Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

Run #1b: Center Channel 120 @ 5600 MHz

Power = 15dBm , setting = 0x1414

Other Spurious Emissions

1000 - 12,000, V/H





EMC Test Data

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

Frequency	Level	Pol	15.209 / 15.247		Detector	Azimuth	Height	Comments
MHz	dBμV/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
1349.970	53.2	V	54.0	-0.8	AVG	24	1.0	
1349.970	54.4	V	74.0	-19.6	PK	24	1.0	
11200.080	52.5	H	54.0	-1.5	AVG	161	1.4	
11200.080	65.4	H	74.0	-8.6	PK	161	1.4	
7466.540	45.5	V	54.0	-8.5	AVG	92	1.6	
7466.540	49.9	V	74.0	-24.1	PK	92	1.6	
3733.340	46.6	H	54.0	-7.4	AVG	78	1.7	
3733.340	51.1	H	74.0	-22.9	PK	78	1.7	
9847.820	44.4	H	54.0	-9.6	AVG	221	1.1	
9847.820	50.5	H	74.0	-23.5	PK	221	1.1	
3282.620	53.1	H	54.0	-0.9	AVG	234	1.7	
3282.620	54.4	H	74.0	-19.6	PK	234	1.7	
2125.050	51.2	V	54.0	-2.8	AVG	287	1.6	
2125.050	52.8	V	74.0	-21.2	PK	287	1.6	
4923.940	48.7	V	54.0	-5.3	AVG	277	1.6	
4923.940	50.9	V	74.0	-23.1	PK	277	1.6	
15060.170	27.2	V	54.0	-26.8	AVG	185	1.3	
15060.170	38.7	V	74.0	-35.3	PK	185	1.3	

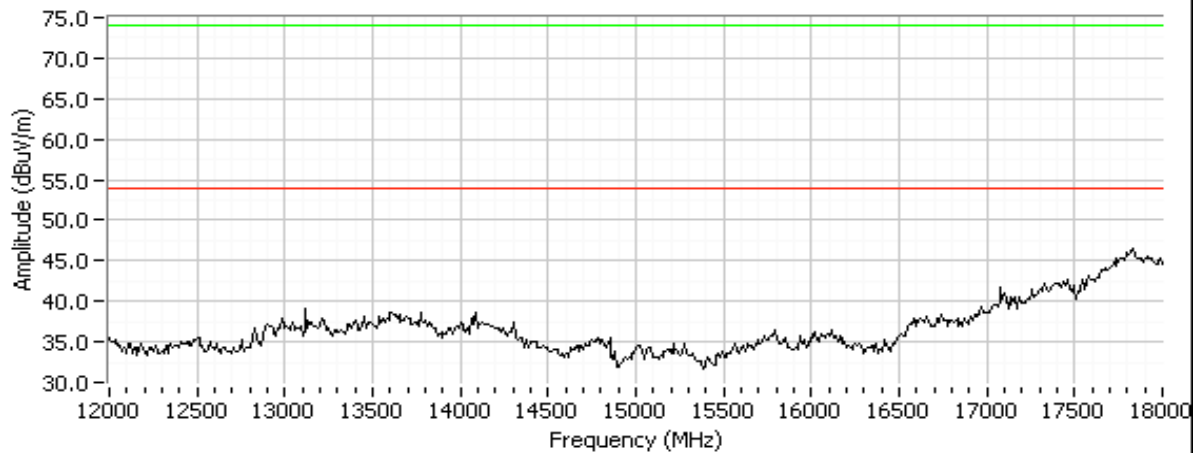
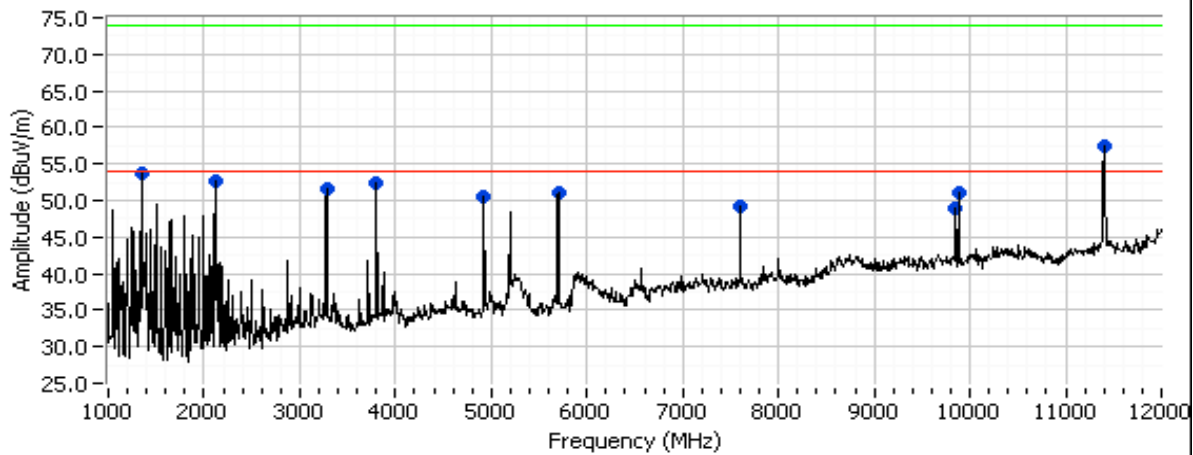
Note 1:	For emissions in restricted bands, the limit of 15.209 was used. For all other emissions, the limit was set to -27dBm/MHz.
Note 2:	No spurious emission, being 20-dB of the limit, were detected above 18GHz.

Client: Cisco-Linksys	Job Number: J67313
Model: WRT600N	T-Log Number: T67324
Contact: Kevin Lee	Account Manager: -
Standard: FCC 15.407 & RSS-210	Class: N/A

Run #1c: High Channel 140 @ 5700 MHz
Power = 15dBm , setting = 0x0f0f

Other Spurious Emissions

1000 - 12,000, V/H





EMC Test Data

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

Frequency	Level	Pol	15.209 / 15.247		Detector	Azimuth	Height	Comments
MHz	dBµV/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
1350.010	52.5	V	54.0	-1.5	AVG	28	1.0	
1350.010	53.9	V	74.0	-20.1	PK	28	1.0	
3799.950	48.1	H	54.0	-5.9	AVG	73	1.7	
3799.950	49.8	H	74.0	-24.2	PK	73	1.7	
7599.960	44.5	V	54.0	-9.5	AVG	124	1.3	
7599.960	50.0	V	74.0	-24.0	PK	124	1.3	
9847.880	40.7	H	54.0	-13.3	AVG	254	1.4	
9847.880	48.4	H	74.0	-25.6	PK	254	1.4	
2125.060	51.3	V	54.0	-2.7	AVG	288	1.6	
2125.060	53.0	V	74.0	-21.0	PK	288	1.6	
3282.660	51.6	V	54.0	-2.4	AVG	284	1.3	
3282.660	53.2	V	74.0	-20.8	PK	284	1.3	
5702.980	44.9	V	54.0	-9.1	AVG	287	1.3	
5702.980	54.3	V	74.0	-19.7	PK	287	1.3	
4923.980	47.7	H	54.0	-6.3	AVG	312	1.7	
4923.980	49.9	H	74.0	-24.1	PK	312	1.7	
11398.810	52.1	V	54.0	-1.9	AVG	297	1.7	
11398.810	64.6	V	74.0	-9.4	PK	297	1.7	

Note 1:	For emissions in restricted bands, the limit of 15.209 was used. For all other emissions, the limit was set to -27dBm/MHz.
Note 2:	No spurious emission, being 20-dB of the limit, were detected above 18GHz.



EMC Test Data

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

RSS-GEN Receiver Emissions

Test Specific Details

Objective: The objective of this test session is to perform final qualification testing of the EUT with respect to the specification listed above.

Date of Test: 4/9/2007
Test Engineer: Rafael Varelas
Test Location: Fremont Chamber #3

Config. Used: refer to individual run
Config Change: refer to individual run
EUT Voltage: 120V/60Hz

General Test Configuration

The EUT and all local support equipment were located on the turntable for radiated spurious emissions testing.

For radiated emissions testing the measurement antenna was located 3 meters from the EUT.

Ambient Conditions:

Temperature:	19.9 °C
Rel. Humidity:	38 %

Summary of Results

Run #	Test Performed	Limit	Pass / Fail	Result / Margin
(802.11n Mode) 40MHz CDD	RE, 1000 - 15000 MHz - Rx Spurious Emissions	RSS-GEN	Pass	53.4dBμV/m (467.7μV/m) @ 2125.1MHz (-0.6dB)

Modifications Made During Testing:

No modifications were made to the EUT during testing

Deviations From The Standard

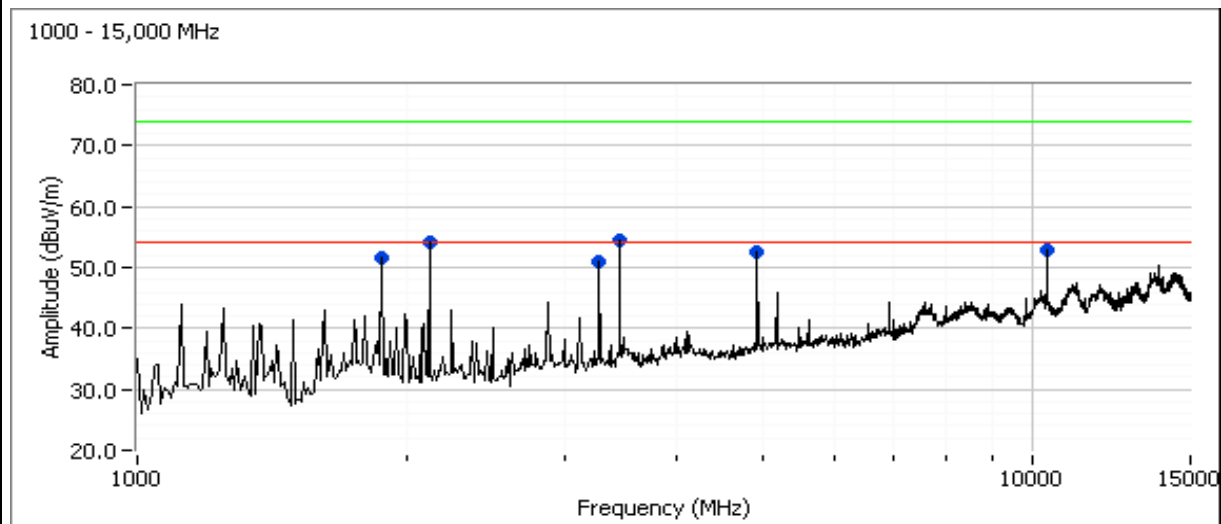
No deviations were made from the requirements of the standard.

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

Run #1: Radiated Spurious Emissions, 1000 - 15000 MHz. Operating Mode: 802.11n

Low Channel @ 5190 MHz

2.4GHz card, removed absorbing material



Preliminary Readings

Frequency	Level	Pol	RSS-Gen		Detector	Azimuth	Height	Comments
MHz	dBuV/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
1875.130	51.7	V	54.0	-2.3	Peak	265	1.3	
2125.190	54.0	V	54.0	0.0	Peak	265	1.3	
3282.590	51.1	V	54.0	-2.9	Peak	272	1.3	
3460.060	54.4	H	54.0	0.4	Peak	112	1.7	
4923.870	52.6	V	54.0	-1.4	Peak	229	1.3	
10379.970	53.0	H	54.0	-1.0	Peak	120	1.1	

Maximized Readings

Frequency	Level	Pol	RSS-Gen		Detector	Azimuth	Height	Comments
MHz	dBuV/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
2125.050	53.4	V	54.0	-0.6	AVG	266	1.3	
2125.050	55.0	V	74.0	-19.0	PK	266	1.3	
10379.690	51.7	H	54.0	-2.3	AVG	120	1.1	
10379.690	56.5	H	74.0	-17.5	PK	120	1.1	
3460.030	52.9	H	54.0	-1.1	AVG	98	1.7	
3460.030	54.6	H	74.0	-19.4	PK	98	1.7	
4923.980	50.8	V	54.0	-3.2	AVG	229	1.3	
4923.980	53.1	V	74.0	-20.9	PK	229	1.3	
1875.050	51.2	V	54.0	-2.8	AVG	265	1.3	
1875.050	52.8	V	74.0	-21.2	PK	265	1.3	
3282.590	50.4	V	54.0	-3.6	AVG	271	1.3	
3282.590	52.2	V	74.0	-21.8	PK	271	1.3	

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

RSS-GEN Receiver Emissions

Test Specific Details

Objective: The objective of this test session is to perform final qualification testing of the EUT with respect to the specification listed above.

Date of Test: 4/9/2007
 Test Engineer: Rafael Varelas
 Test Location: Fremont Chamber #3

Config. Used: refer to individual runs
 Config Change: refer to individual runs
 EUT Voltage: 120V/60Hz

General Test Configuration

The EUT and all local support equipment were located on the turntable for radiated spurious emissions testing.

For radiated emissions testing the measurement antenna was located 3 meters from the EUT.

Ambient Conditions:

Temperature:	19.9 °C
Rel. Humidity:	38 %

Summary of Results

Run #	Test Performed	Limit	Pass / Fail	Result / Margin
1 (802.11a Mode) Legacy	RE, 1000 - 15000 MHz - Rx Spurious Emissions	RSS-Gen	Pass	53.2dBµV/m (457.1µV/m) @ 3466.7MHz (-0.8dB)

Modifications Made During Testing:

No modifications were made to the EUT during testing

Deviations From The Standard

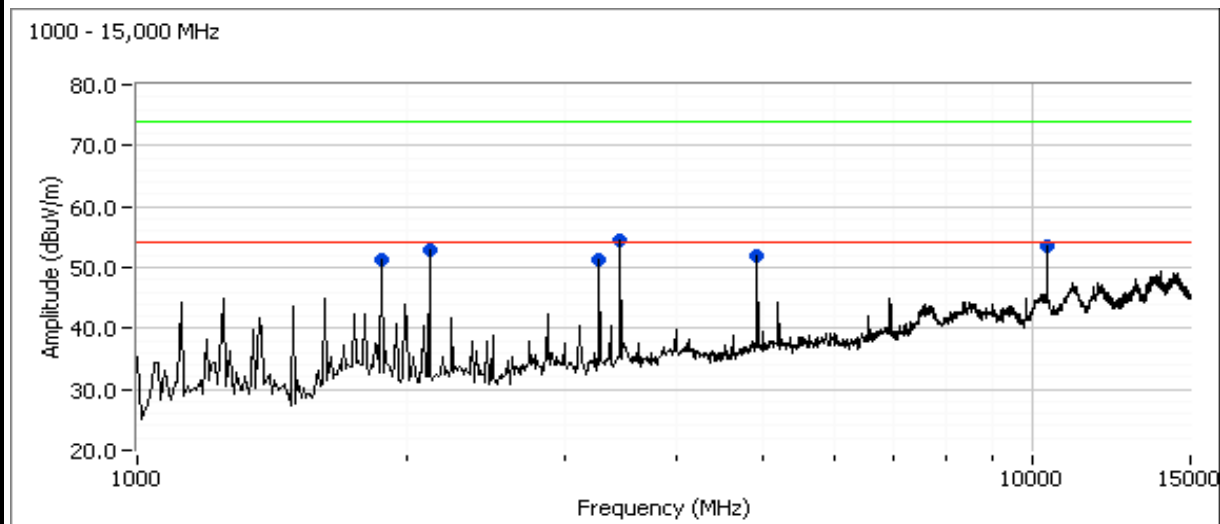
No deviations were made from the requirements of the standard.

Client:	Cisco-Linksys	Job Number:	J67313
Model:	WRT600N	T-Log Number:	T67324
Contact:	Kevin Lee	Account Manager:	-
Standard:	FCC 15.407 & RSS-210	Class:	N/A

Run #2: Radiated Spurious Emissions, 1000 - 15000 MHz. Operating Mode: 802.11a

Middle Channel @ 5200 MHz

2.4GHz card, removed absorbing material



Preliminary Readings

Frequency	Level	Pol	RSS-Gen		Detector	Azimuth	Height	Comments
MHz	dBuV/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
1875.130	51.2	V	54.0	-2.8	Peak	263	1.3	
2125.010	52.8	V	54.0	-1.2	Peak	263	1.3	
3282.590	51.3	V	54.0	-2.7	Peak	271	1.3	
3466.750	54.4	H	54.0	0.4	Peak	105	1.7	
4923.880	52.0	V	54.0	-2.0	Peak	239	1.6	
10399.950	53.6	V	54.0	-0.4	Peak	84	1.3	

Maximized Readings

Frequency	Level	Pol	RSS-Gen		Detector	Azimuth	Height	Comments
MHz	dBuV/m	v/h	Limit	Margin	Pk/QP/Avg	degrees	meters	
3466.650	53.2	H	54.0	-0.8	AVG	105	1.7	
3466.650	54.7	H	74.0	-19.3	PK	105	1.7	
1875.140	50.2	V	54.0	-3.8	AVG	263	1.3	
1875.140	52.1	V	74.0	-21.9	PK	263	1.3	
2125.000	52.1	V	54.0	-1.9	AVG	263	1.3	
2125.000	53.6	V	74.0	-20.4	PK	263	1.3	
4924.020	50.6	V	54.0	-3.4	AVG	239	1.6	
4924.020	52.8	V	74.0	-21.2	PK	239	1.6	
10399.920	52.3	V	54.0	-1.7	AVG	84	1.3	
10399.920	56.6	V	74.0	-17.4	PK	84	1.3	