

Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Interval
Spectrum Analyzer	Agilent	E4407B	AAU	12/8/2006	13

MEASUREMENT UNCERTAINTY

Measurement uncertainty is used to reflect the accuracy of the measured result as compared with its "true" or theoretically correct value. Our measurement data meets or exceeds the measurement uncertainty requirements of CISPR 16-4. In the case of transient tests our test equipment has been demonstrated by calibration to provide at least a 95% confidence that it complies with the test specification requirements. The measurement uncertainty for any test is available upon request.

TEST DESCRIPTION

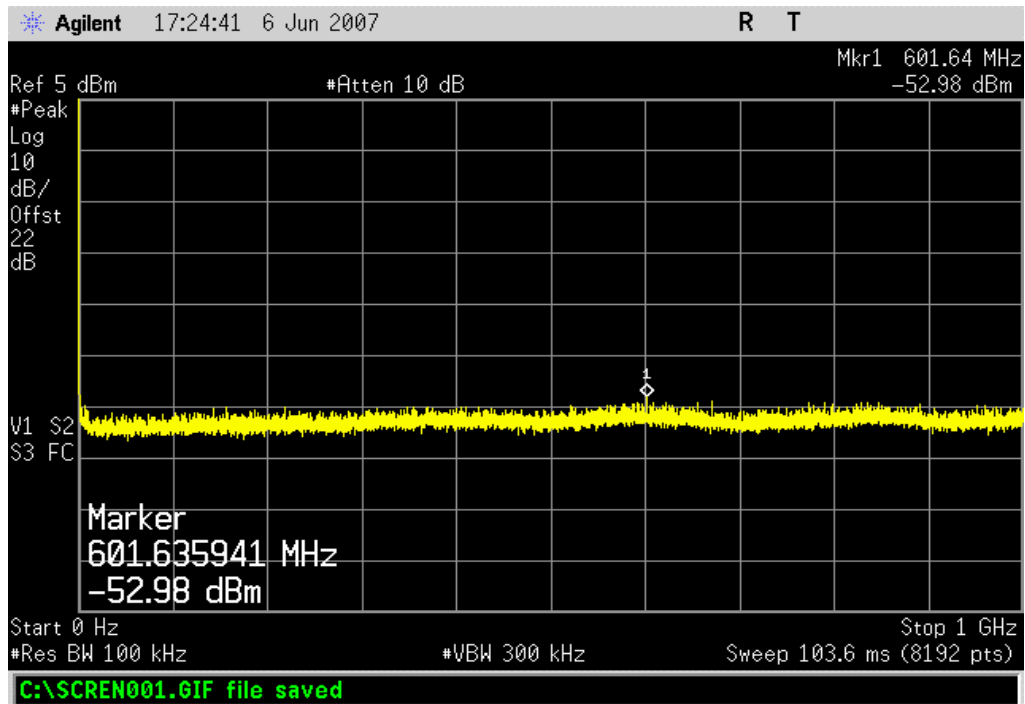
The spurious RF conducted emissions were measured with the EUT set to low, medium, and high transmit frequencies. The measurements were made using a direct connection between the RF output of the EUT and the spectrum analyzer. The EUT was transmitting at its maximum data rate using direct sequence modulation. For each transmit frequency, the spectrum was scanned throughout the specified frequency range.

EMC		Spurious Conducted Emissions		XMIT 2006.08.24	
EUT:	USI WM-G-MR-05 in Eagle	Work Order:	TRPO0034		
Serial Number:	None	Date:	06/06/07		
Customer:	Tripod Data Systems, Inc.	Temperature:	24°C		
Attendees:	None	Humidity:	31%		
Project:	None	Barometric Pres.:	30.02		
Tested by:	Holly Ashkannejhad	Power:	120VAC/60Hz	Job Site:	EV06
TEST SPECIFICATIONS		Test Method			
FCC 15.247(DTS):2006		ANSI C63.4:2003, KDB No. 558074			
COMMENTS					
DEVIATIONS FROM TEST STANDARD					
Configuration #	2	Signature <i>Holly Ashkannejhad</i>			

		Value	Limit	Results
802.11(b), 1Mbps				
Low channel				
	0 MHz - 1 GHz	≤ -40 dBc	≤ -20 dBc	Pass
	990 MHz - 3 GHz	≤ -40 dBc	≤ -20 dBc	Pass
	2.9 GHz - 12.5 GHz	≤ -40 dBc	≤ -20 dBc	Pass
	12.4 GHz - 25 GHz	≤ -40 dBc	≤ -20 dBc	Pass
Mid channel				
	0 MHz - 1 GHz	≤ -40 dBc	≤ -20 dBc	Pass
	990 MHz - 3 GHz	≤ -40 dBc	≤ -20 dBc	Pass
	2.9 GHz - 12.5 GHz	≤ -40 dBc	≤ -20 dBc	Pass
	12.4 GHz - 25 GHz	≤ -40 dBc	≤ -20 dBc	Pass
High channel				
	0 MHz - 1 GHz	≤ -40 dBc	≤ -20 dBc	Pass
	990 MHz - 3 GHz	≤ -40 dBc	≤ -20 dBc	Pass
	2.9 GHz - 12.5 GHz	≤ -40 dBc	≤ -20 dBc	Pass
	12.4 GHz - 25 GHz	≤ -40 dBc	≤ -20 dBc	Pass
802.11(b), 11Mbps				
Low channel				
	0 MHz - 1 GHz	≤ -40 dBc	≤ -20 dBc	Pass
	990 MHz - 3 GHz	≤ -40 dBc	≤ -20 dBc	Pass
	2.9 GHz - 12.5 GHz	≤ -40 dBc	≤ -20 dBc	Pass
	12.4 GHz - 25 GHz	≤ -40 dBc	≤ -20 dBc	Pass
Mid channel				
	0 MHz - 1 GHz	≤ -40 dBc	≤ -20 dBc	Pass
	990 MHz - 3 GHz	≤ -40 dBc	≤ -20 dBc	Pass
	2.9 GHz - 12.5 GHz	≤ -40 dBc	≤ -20 dBc	Pass
	12.4 GHz - 25 GHz	≤ -40 dBc	≤ -20 dBc	Pass
High channel				
	0 MHz - 1 GHz	≤ -40 dBc	≤ -20 dBc	Pass
	990 MHz - 3 GHz	≤ -40 dBc	≤ -20 dBc	Pass
	2.9 GHz - 12.5 GHz	≤ -40 dBc	≤ -20 dBc	Pass
	12.4 GHz - 25 GHz	≤ -40 dBc	≤ -20 dBc	Pass
802.11(g), 6Mbps				
Low channel				
	0 MHz - 1 GHz	≤ -40 dBc	≤ -20 dBc	Pass
	990 MHz - 3 GHz	≤ -40 dBc	≤ -20 dBc	Pass
	2.9 GHz - 12.5 GHz	≤ -40 dBc	≤ -20 dBc	Pass
	12.4 GHz - 25 GHz	≤ -40 dBc	≤ -20 dBc	Pass
Mid channel				
	0 MHz - 1 GHz	≤ -40 dBc	≤ -20 dBc	Pass
	990 MHz - 3 GHz	≤ -40 dBc	≤ -20 dBc	Pass
	2.9 GHz - 12.5 GHz	≤ -40 dBc	≤ -20 dBc	Pass
	12.4 GHz - 25 GHz	≤ -40 dBc	≤ -20 dBc	Pass
High channel				
	0 MHz - 1 GHz	≤ -40 dBc	≤ -20 dBc	Pass
	990 MHz - 3 GHz	≤ -40 dBc	≤ -20 dBc	Pass
	2.9 GHz - 12.5 GHz	≤ -40 dBc	≤ -20 dBc	Pass
	12.4 GHz - 25 GHz	≤ -40 dBc	≤ -20 dBc	Pass
802.11(g), 36Mbps				
Low channel				
	0 MHz - 1 GHz	≤ -40 dBc	≤ -20 dBc	Pass
	990 MHz - 3 GHz	≤ -40 dBc	≤ -20 dBc	Pass
	2.9 GHz - 12.5 GHz	≤ -40 dBc	≤ -20 dBc	Pass
	12.4 GHz - 25 GHz	≤ -40 dBc	≤ -20 dBc	Pass
Mid channel				
	0 MHz - 1 GHz	≤ -40 dBc	≤ -20 dBc	Pass
	990 MHz - 3 GHz	≤ -40 dBc	≤ -20 dBc	Pass
	2.9 GHz - 12.5 GHz	≤ -40 dBc	≤ -20 dBc	Pass
	12.4 GHz - 25 GHz	≤ -40 dBc	≤ -20 dBc	Pass
High channel				
	0 MHz - 1 GHz	≤ -40 dBc	≤ -20 dBc	Pass
	990 MHz - 3 GHz	≤ -40 dBc	≤ -20 dBc	Pass
	2.9 GHz - 12.5 GHz	≤ -40 dBc	≤ -20 dBc	Pass
	12.4 GHz - 25 GHz	≤ -40 dBc	≤ -20 dBc	Pass
802.11(g), 54Mbps				
Low channel				
	0 MHz - 1 GHz	≤ -40 dBc	≤ -20 dBc	Pass
	990 MHz - 3 GHz	≤ -40 dBc	≤ -20 dBc	Pass
	2.9 GHz - 12.5 GHz	≤ -40 dBc	≤ -20 dBc	Pass
	12.4 GHz - 25 GHz	≤ -40 dBc	≤ -20 dBc	Pass
Mid channel				
	0 MHz - 1 GHz	≤ -40 dBc	≤ -20 dBc	Pass
	990 MHz - 3 GHz	≤ -40 dBc	≤ -20 dBc	Pass
	2.9 GHz - 12.5 GHz	≤ -40 dBc	≤ -20 dBc	Pass
	12.4 GHz - 25 GHz	≤ -40 dBc	≤ -20 dBc	Pass
High channel				
	0 MHz - 1 GHz	≤ -40 dBc	≤ -20 dBc	Pass
	990 MHz - 3 GHz	≤ -40 dBc	≤ -20 dBc	Pass
	2.9 GHz - 12.5 GHz	≤ -40 dBc	≤ -20 dBc	Pass
	12.4 GHz - 25 GHz	≤ -40 dBc	≤ -20 dBc	Pass

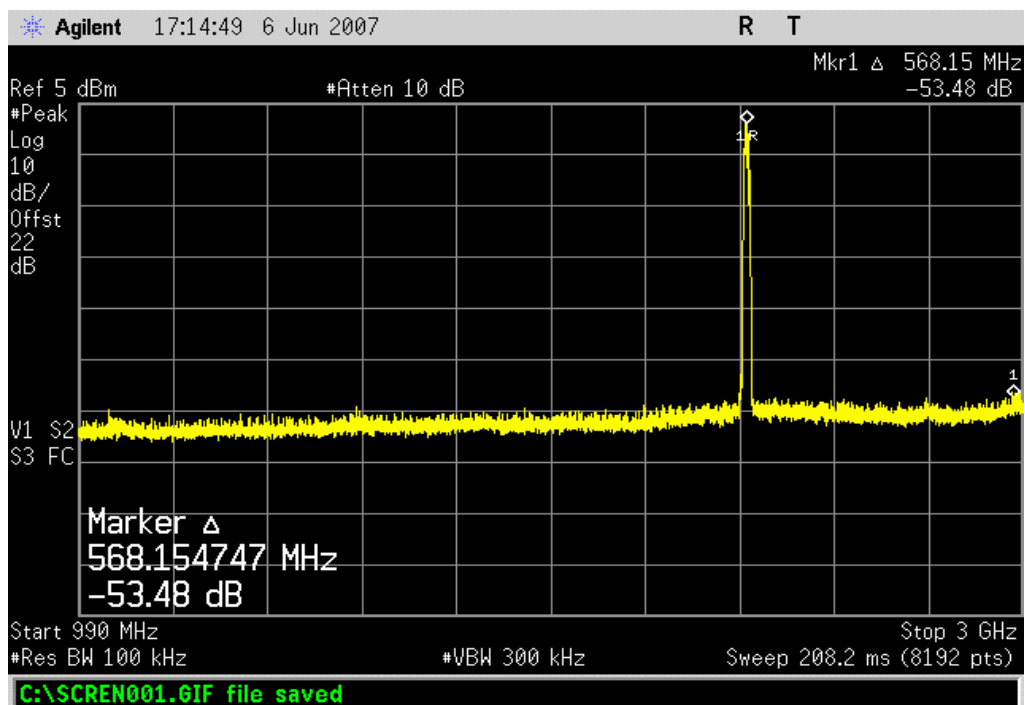
802.11(b), 1Mbps, Low channel, 0 MHz - 1 GHz

Result: Pass

Value: ≤ -40 dBcLimit: ≤ -20 dBc

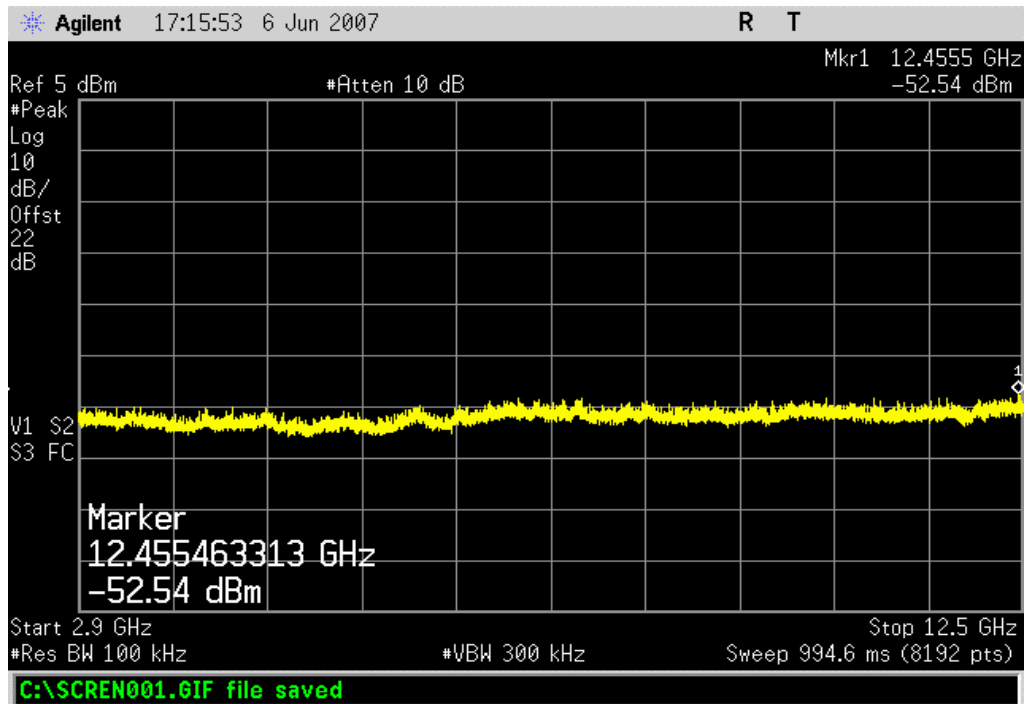
802.11(b), 1Mbps, Low channel, 990 MHz - 3 GHz

Result: Pass

Value: ≤ -40 dBcLimit: ≤ -20 dBc

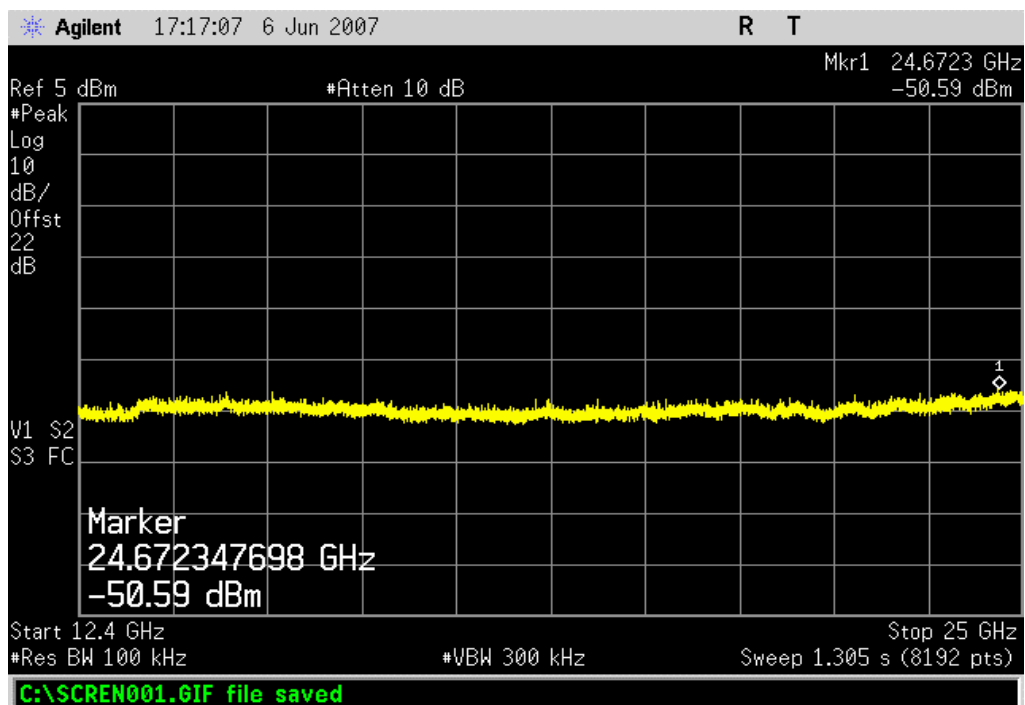
802.11(b), 1Mbps, Low channel, 2.9 GHz - 12.5 GHz

Result: Pass

Value: ≤ -40 dBcLimit: ≤ -20 dBc

802.11(b), 1Mbps, Low channel, 12.4 GHz - 25 GHz

Result: Pass

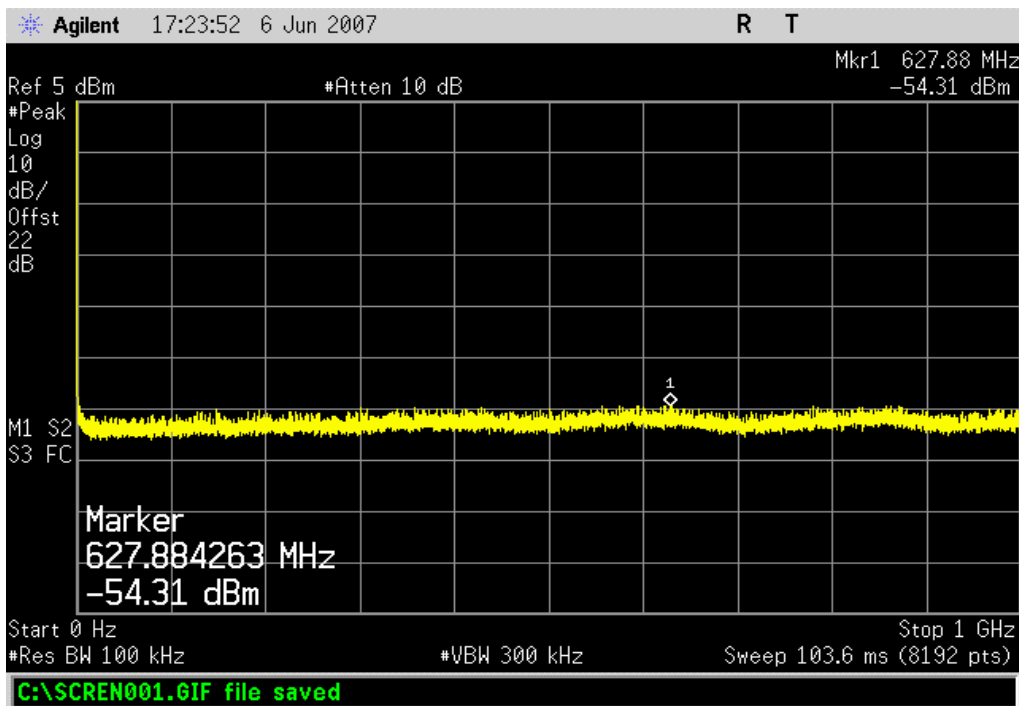
Value: ≤ -40 dBcLimit: ≤ -20 dBc

802.11(b), 1Mbps, Mid channel, 0 MHz - 1 GHz

Result: Pass

Value: ≤ -40 dBc

Limit: ≤ -20 dBc

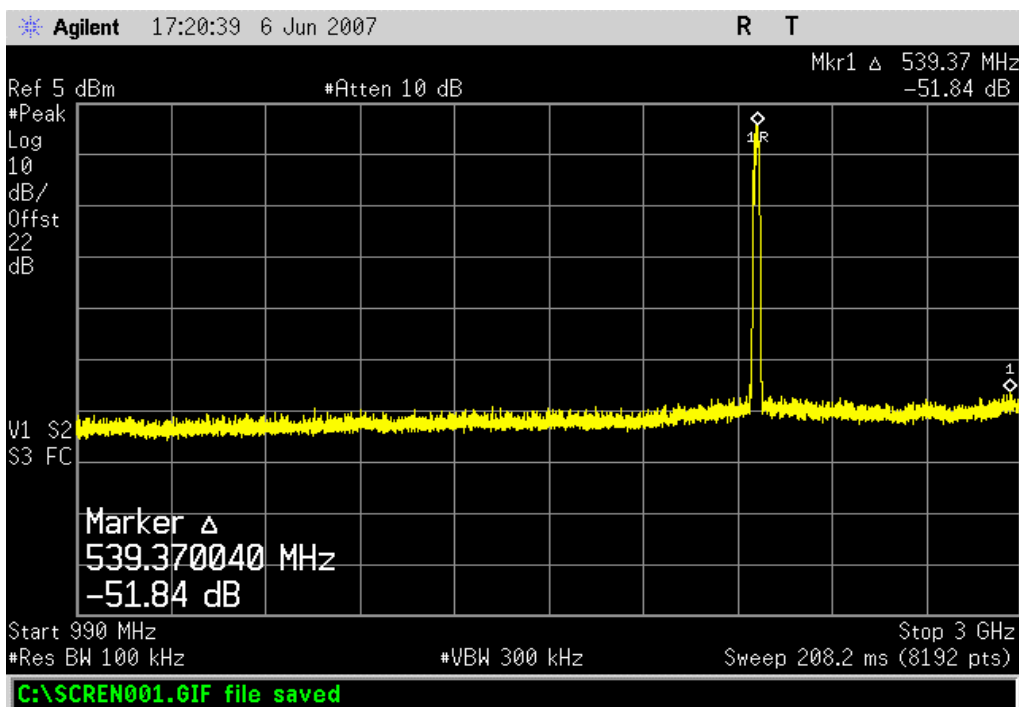


802.11(b), 1Mbps, Mid channel, 990 MHz - 3 GHz

Result: Pass

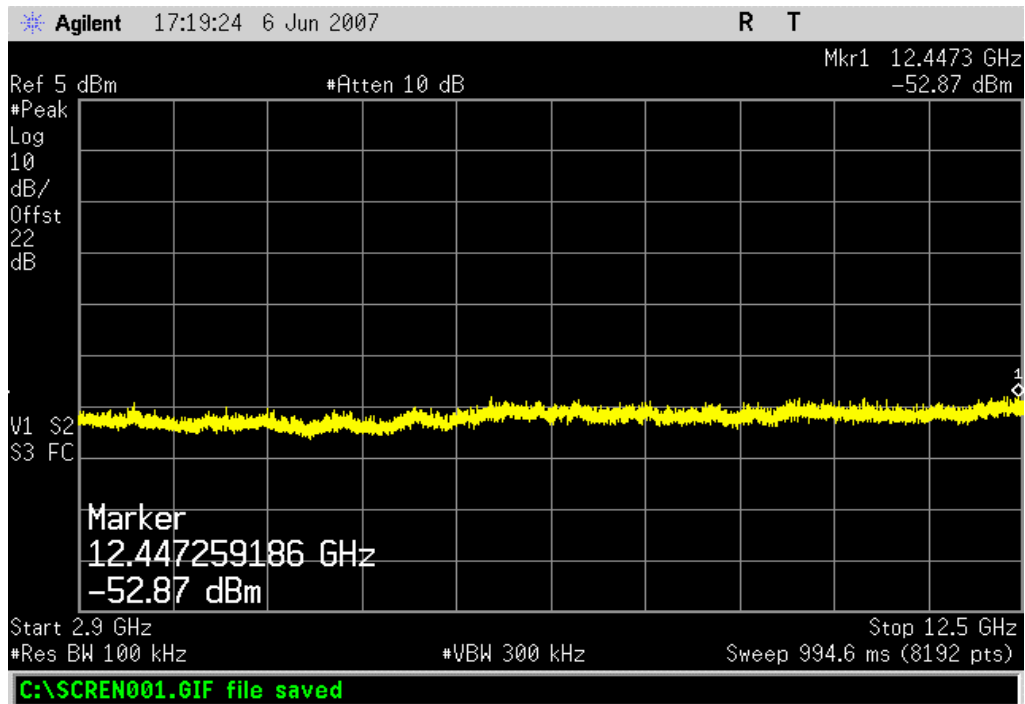
Value: ≤ -40 dBc

Limit: ≤ -20 dBc



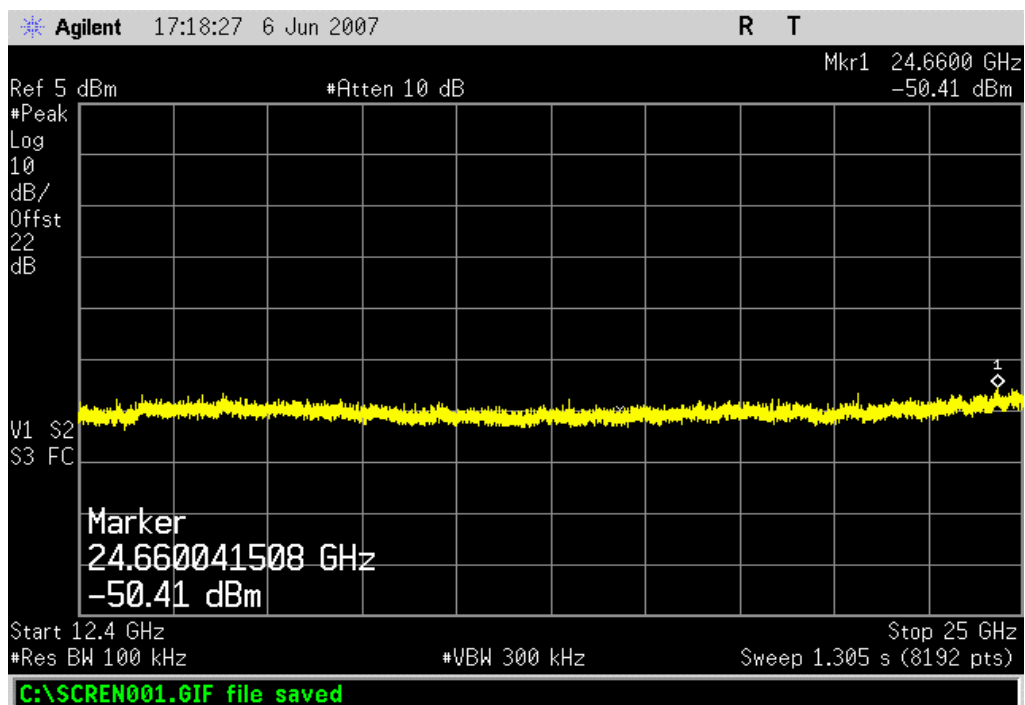
802.11(b), 1Mbps, Mid channel, 2.9 GHz - 12.5 GHz

Result: Pass

Value: ≤ -40 dBcLimit: ≤ -20 dBc

802.11(b), 1Mbps, Mid channel, 12.4 GHz - 25 GHz

Result: Pass

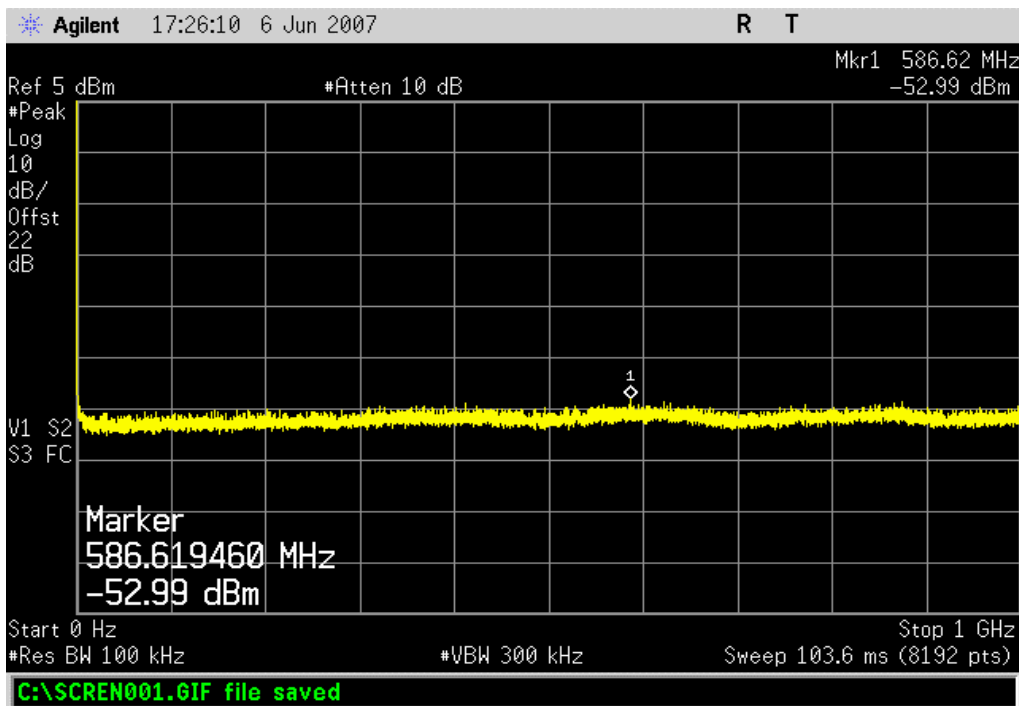
Value: ≤ -40 dBcLimit: ≤ -20 dBc

802.11(b), 1Mbps, High channel, 0 MHz - 1 GHz

Result: Pass

Value: ≤ -40 dBc

Limit: ≤ -20 dBc

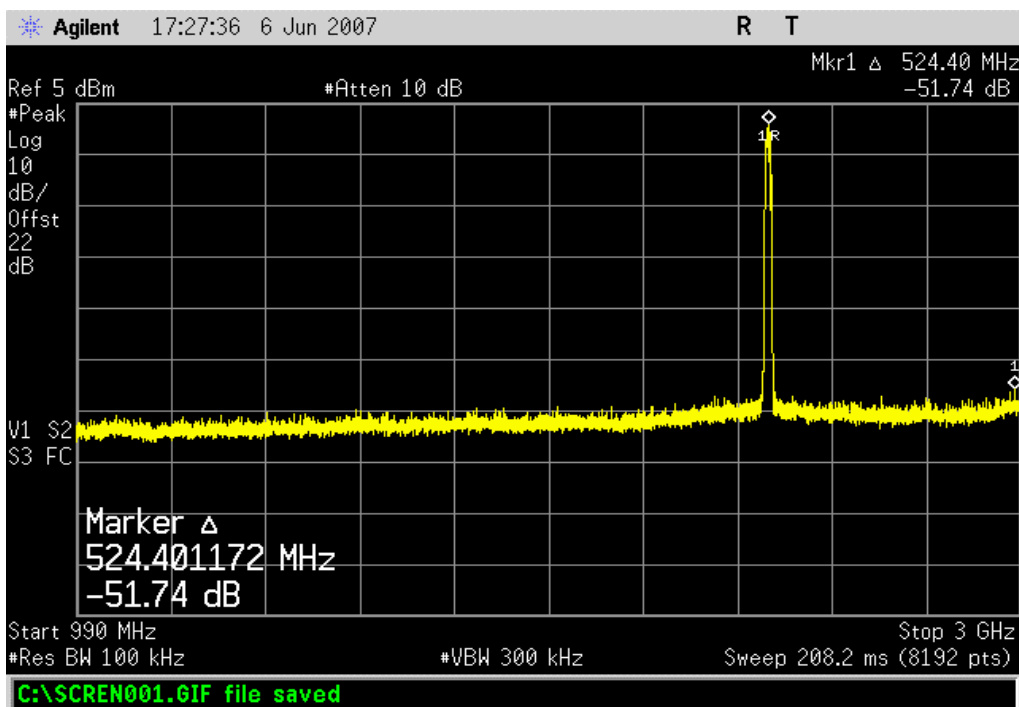


802.11(b), 1Mbps, High channel, 990 MHz - 3 GHz

Result: Pass

Value: ≤ -40 dBc

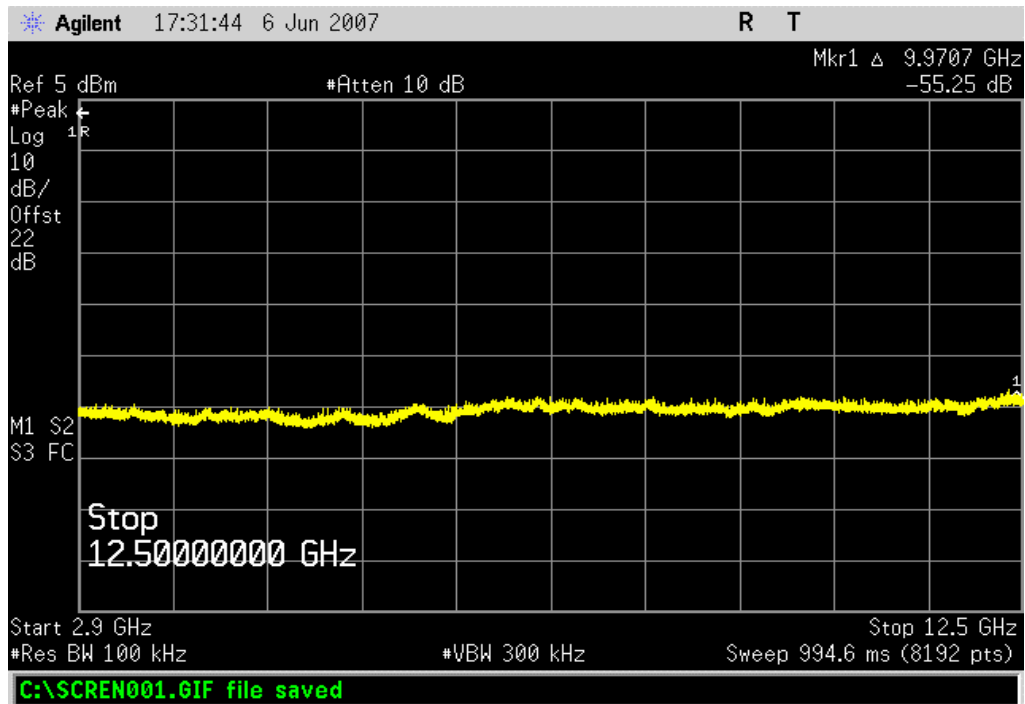
Limit: ≤ -20 dBc



Spurious Conducted Emissions

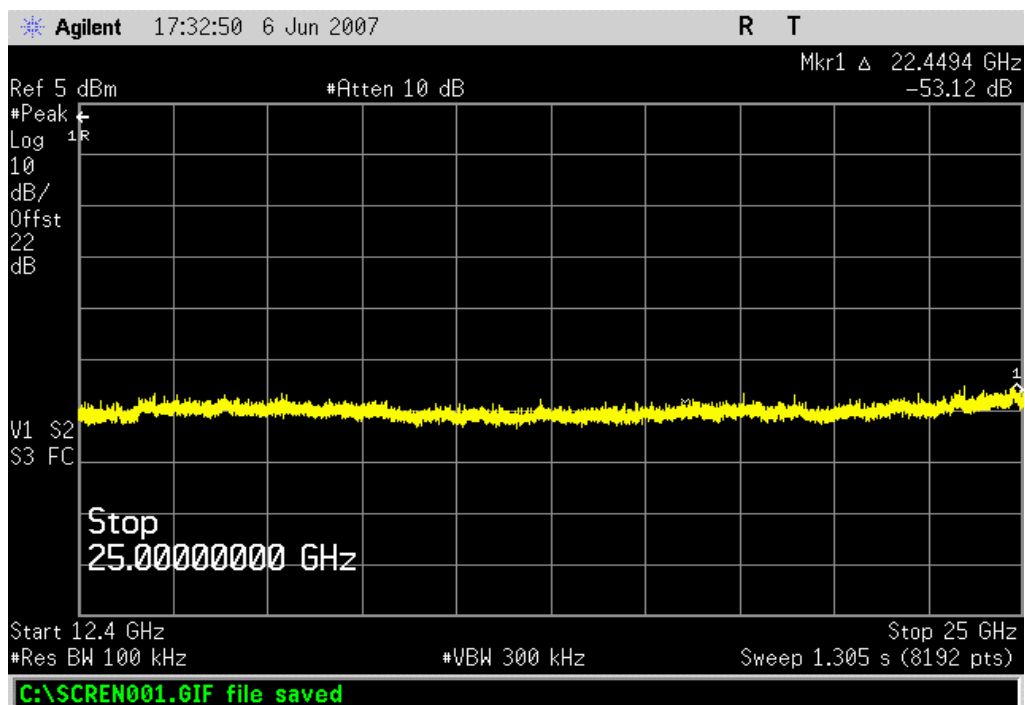
802.11(b), 1Mbps, High channel, 2.9 GHz - 12.5 GHz

Result: Pass

Value: ≤ -40 dBcLimit: ≤ -20 dBc

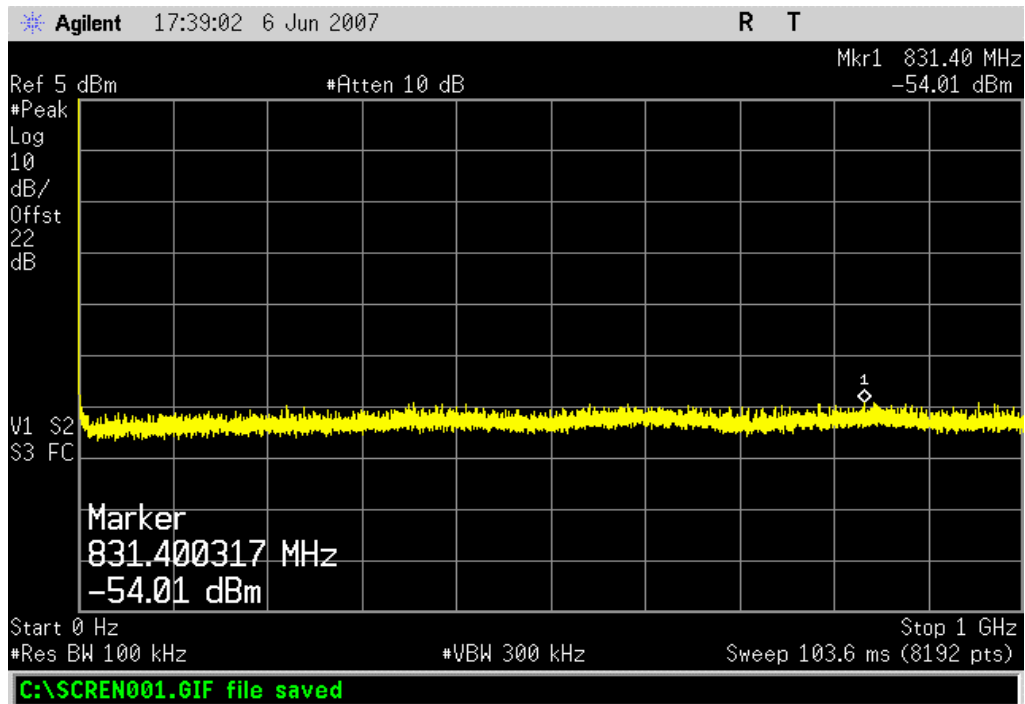
802.11(b), 1Mbps, High channel, 12.4 GHz - 25 GHz

Result: Pass

Value: ≤ -40 dBcLimit: ≤ -20 dBc

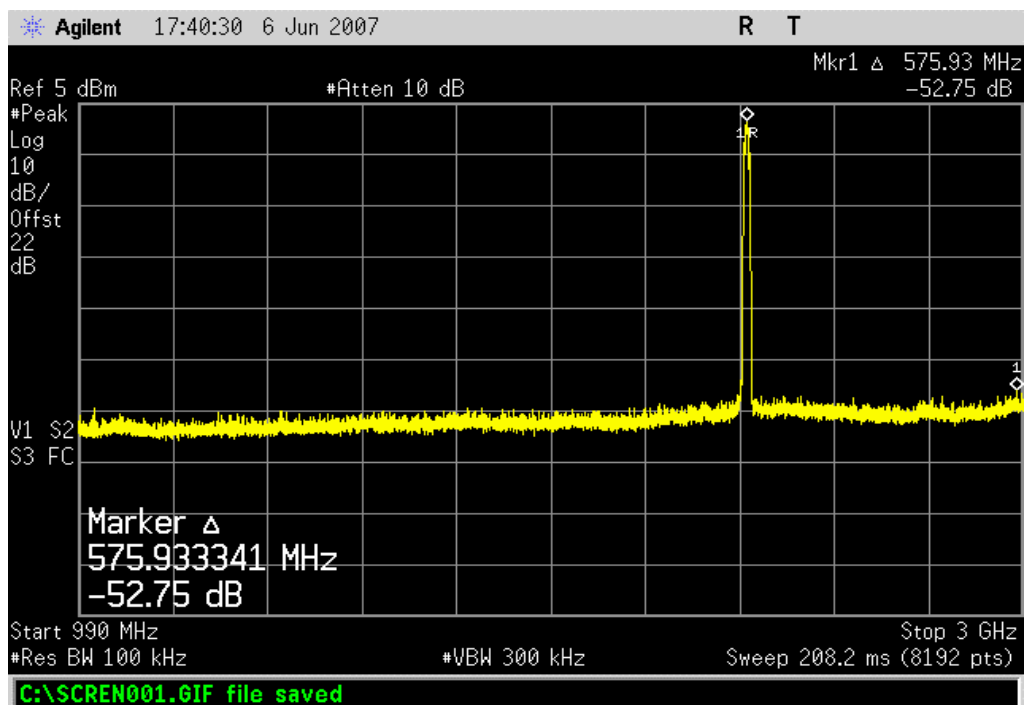
802.11(b), 11Mbps, Low channel, 0 MHz - 1 GHz

Result: Pass

Value: ≤ -40 dBcLimit: ≤ -20 dBc

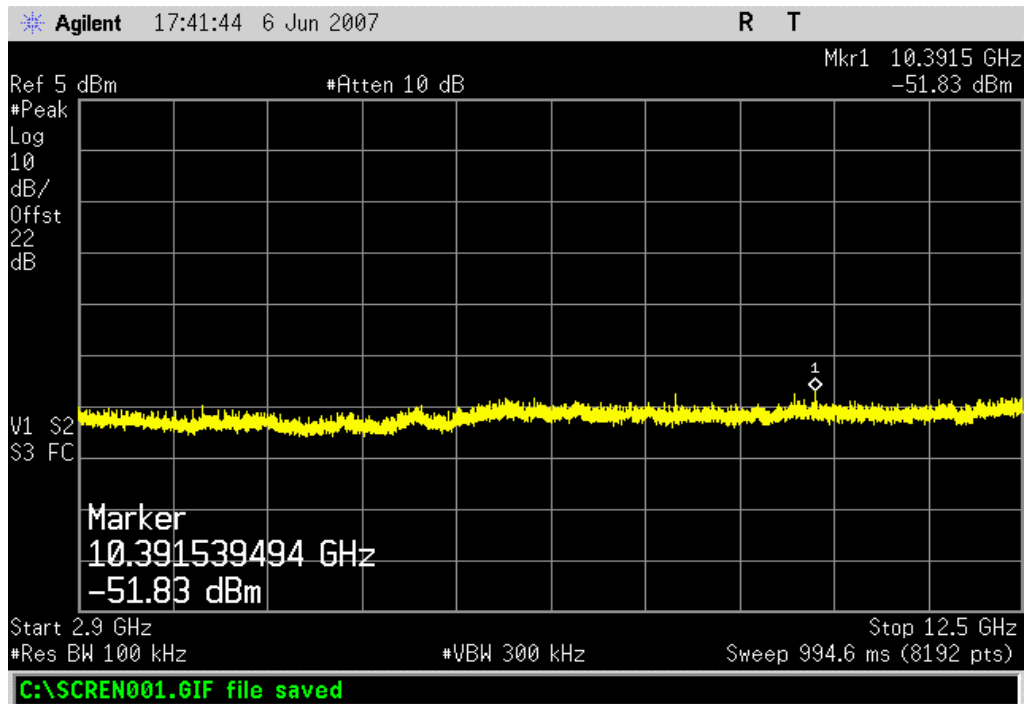
802.11(b), 11Mbps, Low channel, 990 MHz - 3 GHz

Result: Pass

Value: ≤ -40 dBcLimit: ≤ -20 dBc

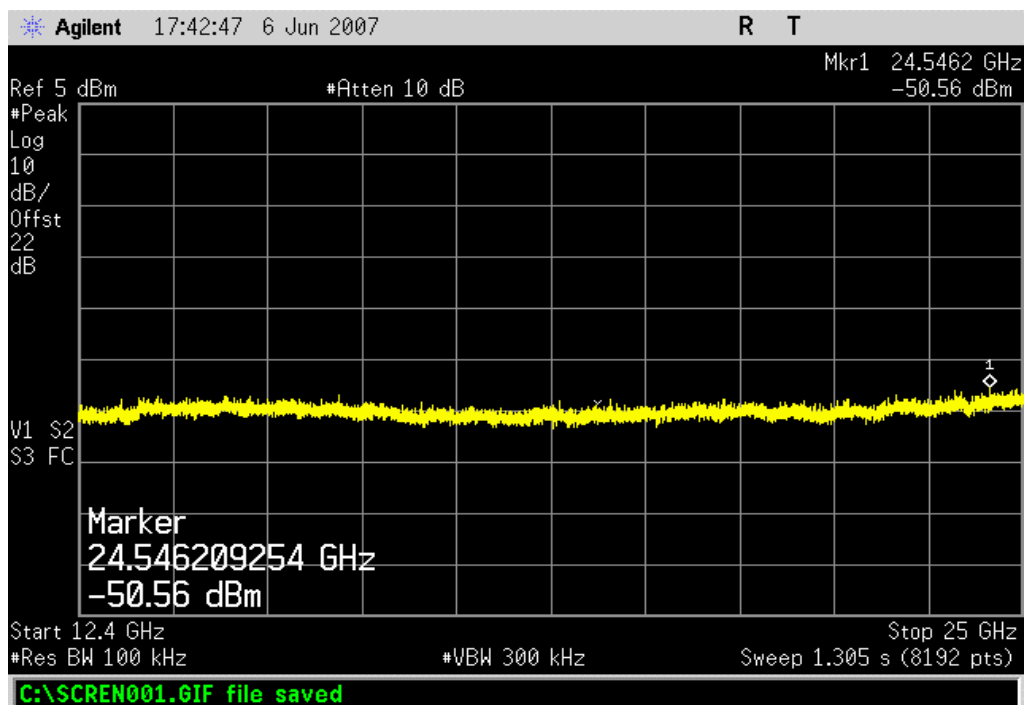
802.11(b), 11Mbps, Low channel, 2.9 GHz - 12.5 GHz

Result: Pass

Value: ≤ -40 dBcLimit: ≤ -20 dBc

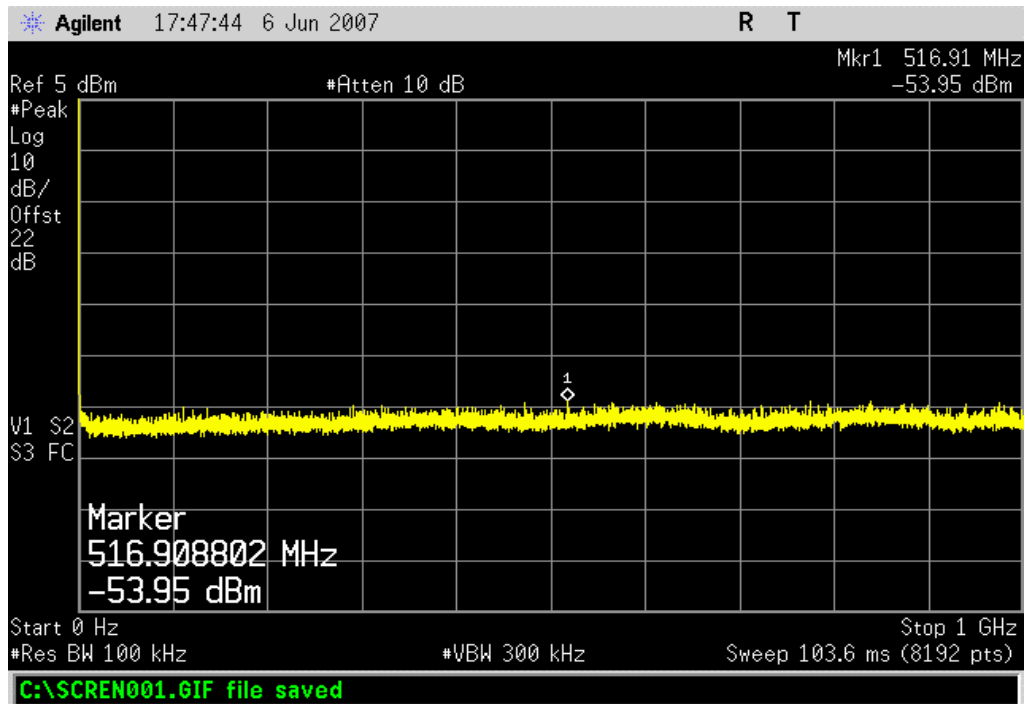
802.11(b), 11Mbps, Low channel, 12.4 GHz - 25 GHz

Result: Pass

Value: ≤ -40 dBcLimit: ≤ -20 dBc

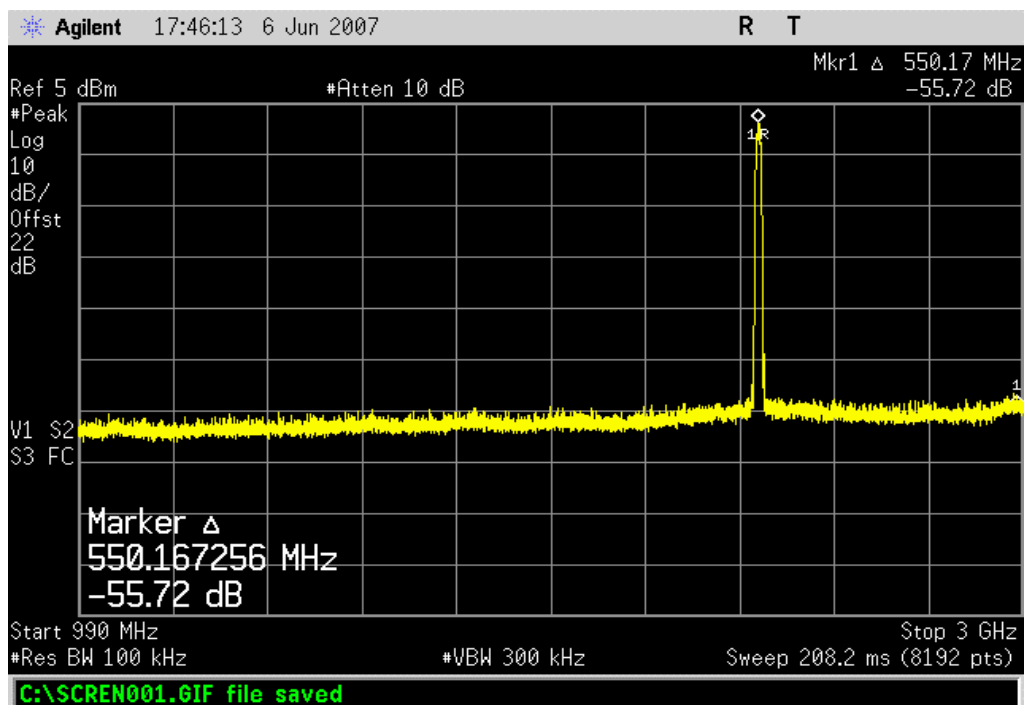
802.11(b), 11Mbps, Mid channel, 0 MHz - 1 GHz

Result: Pass

Value: ≤ -40 dBcLimit: ≤ -20 dBc

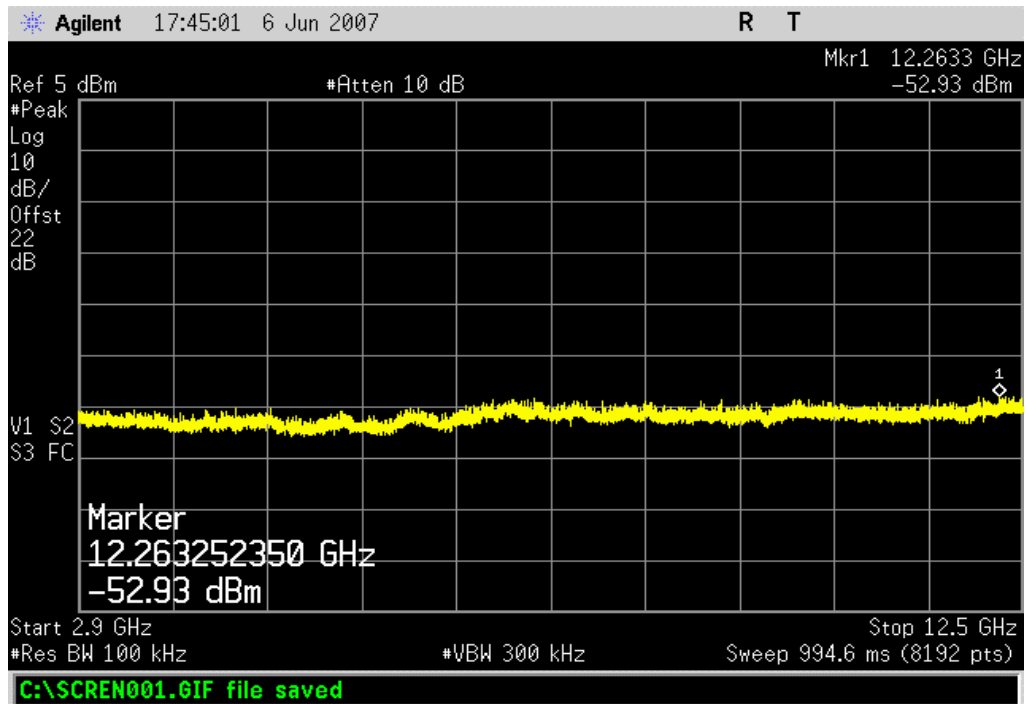
802.11(b), 11Mbps, Mid channel, 990 MHz - 3 GHz

Result: Pass

Value: ≤ -40 dBcLimit: ≤ -20 dBc

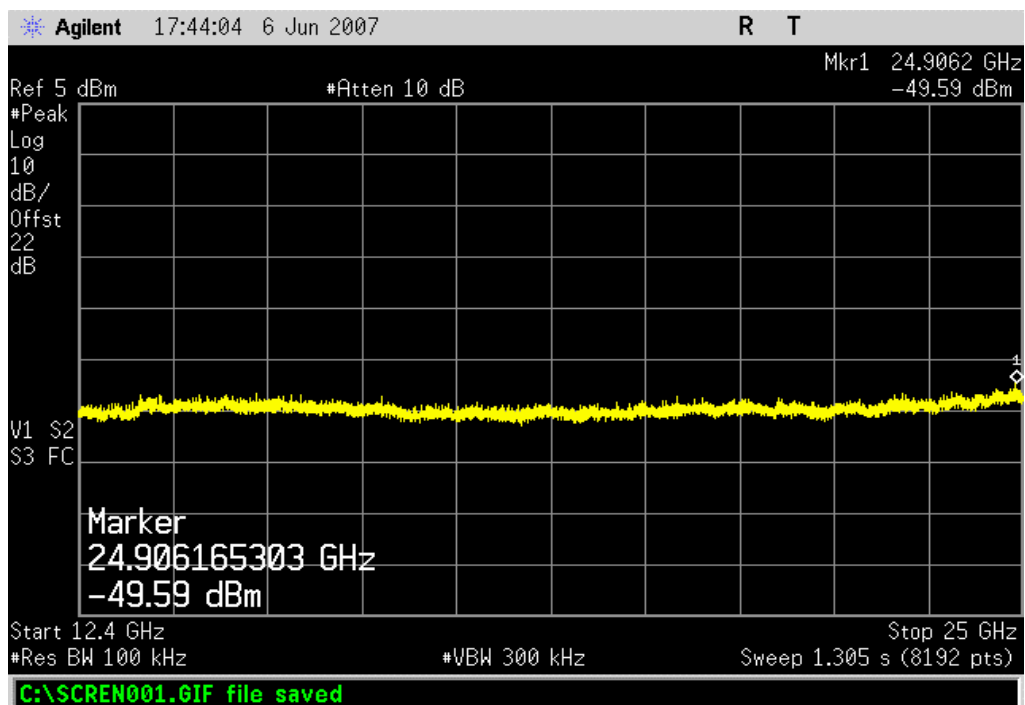
802.11(b), 11Mbps, Mid channel, 2.9 GHz - 12.5 GHz

Result: Pass

Value: ≤ -40 dBcLimit: ≤ -20 dBc

802.11(b), 11Mbps, Mid channel, 12.4 GHz - 25 GHz

Result: Pass

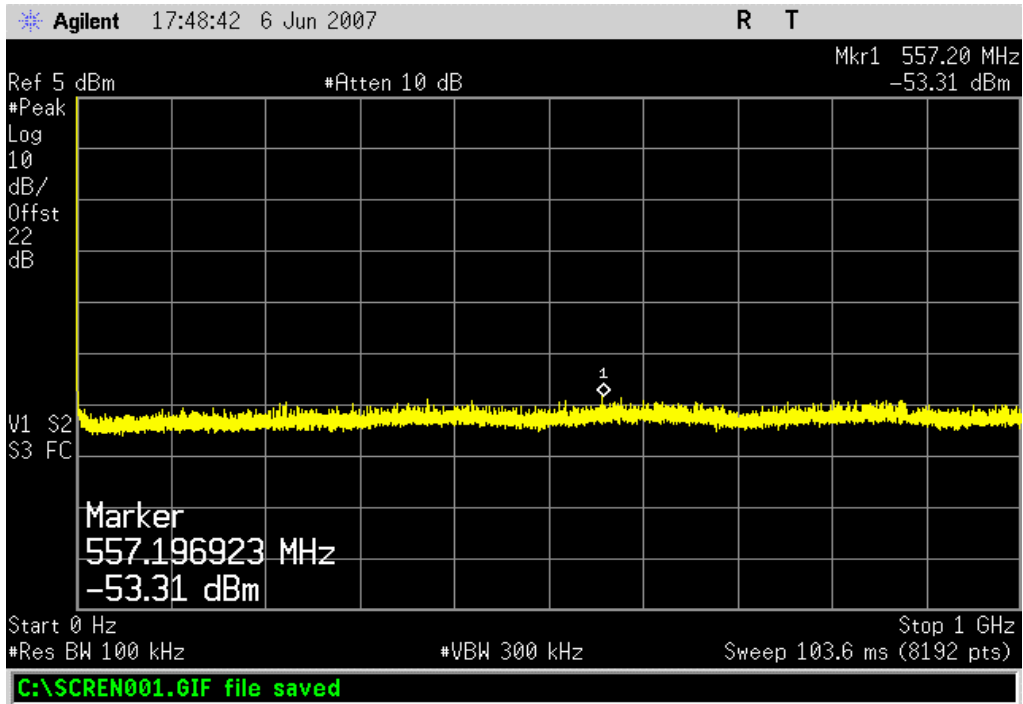
Value: ≤ -40 dBcLimit: ≤ -20 dBc

802.11(b), 11Mbps, High channel, 0 MHz - 1 GHz

Result: Pass

Value: ≤ -40 dBc

Limit: ≤ -20 dBc

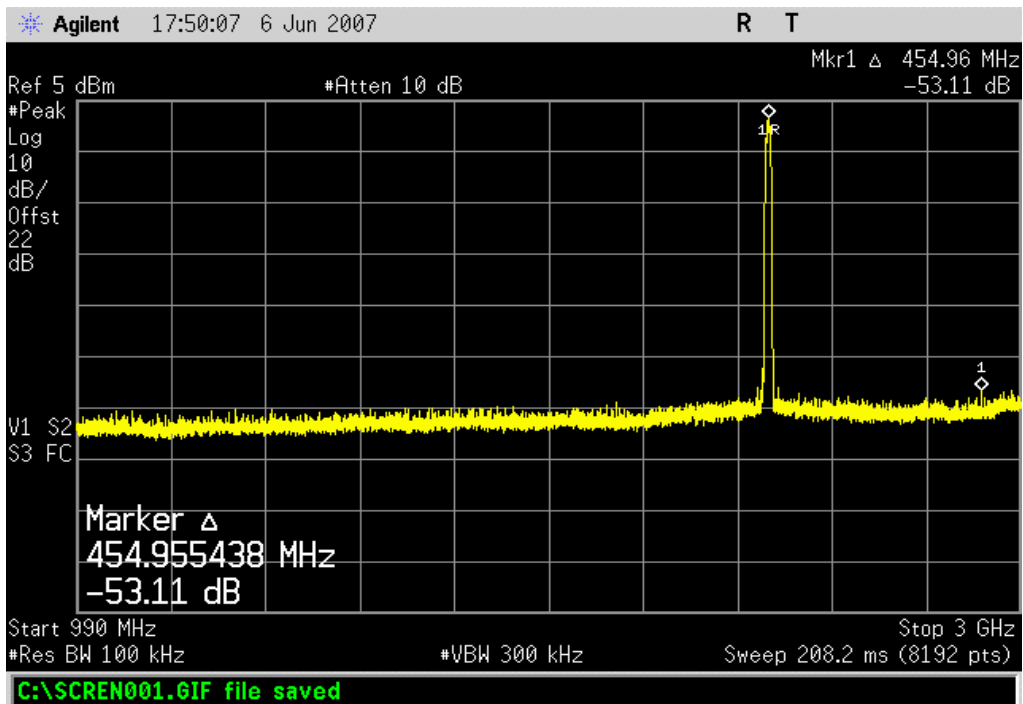


802.11(b), 11Mbps, High channel, 990 MHz - 3 GHz

Result: Pass

Value: ≤ -40 dBc

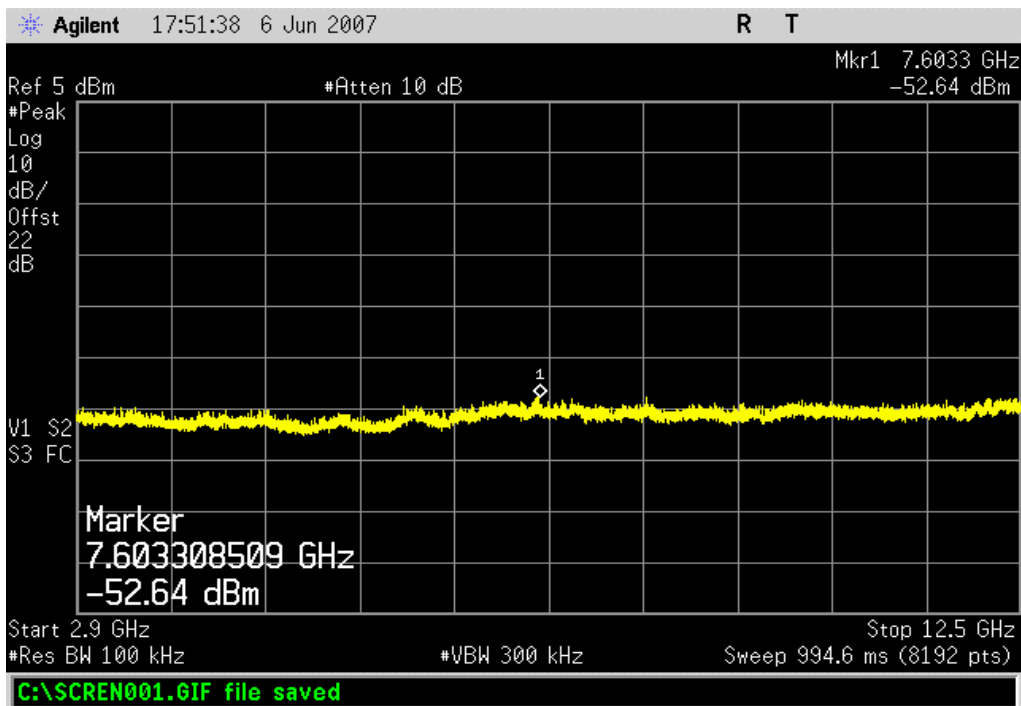
Limit: ≤ -20 dBc



Spurious Conducted Emissions

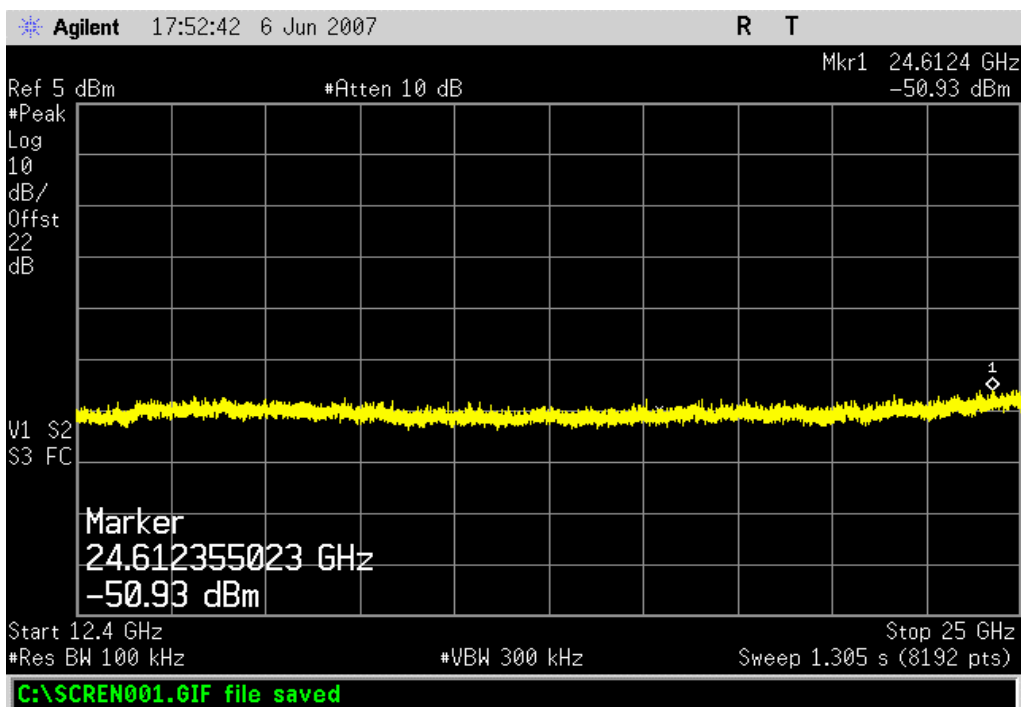
802.11(b), 11Mbps, High channel, 2.9 GHz - 12.5 GHz

Result: Pass **Value:** ≤ -40 dBc **Limit:** ≤ -20 dBc



802.11(b), 11Mbps, High channel, 12.4 GHz - 25 GHz

Result: Pass **Value:** ≤ -40 dBc **Limit:** ≤ -20 dBc

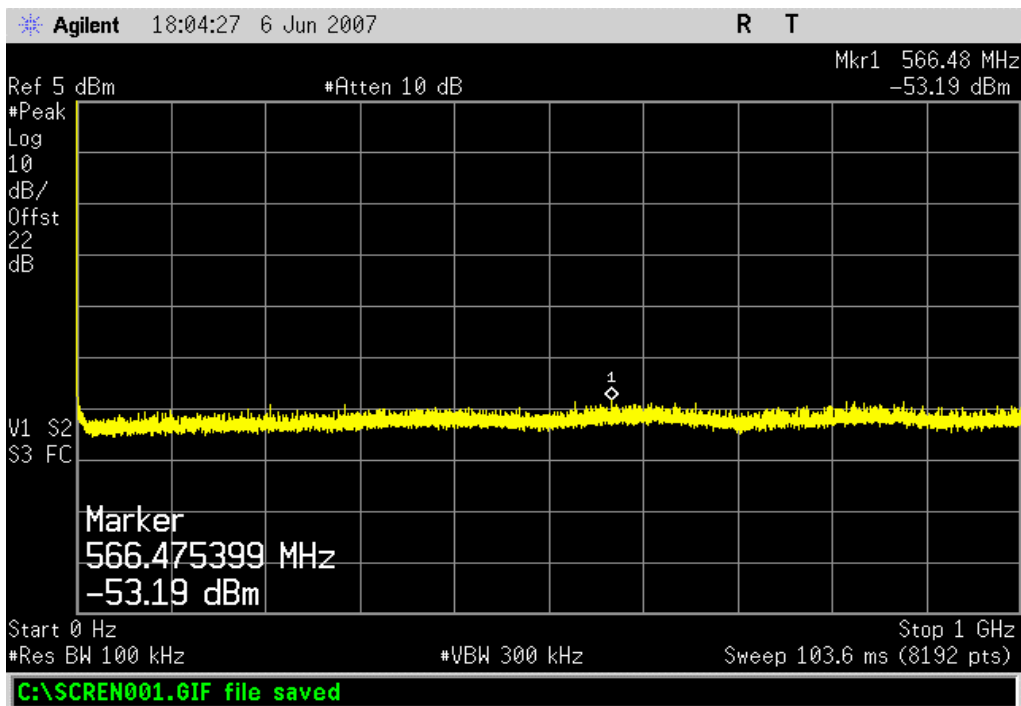


802.11(g), 6Mbps, Low channel, 0 MHz - 1 GHz

Result: Pass

Value: ≤ -40 dBc

Limit: ≤ -20 dBc

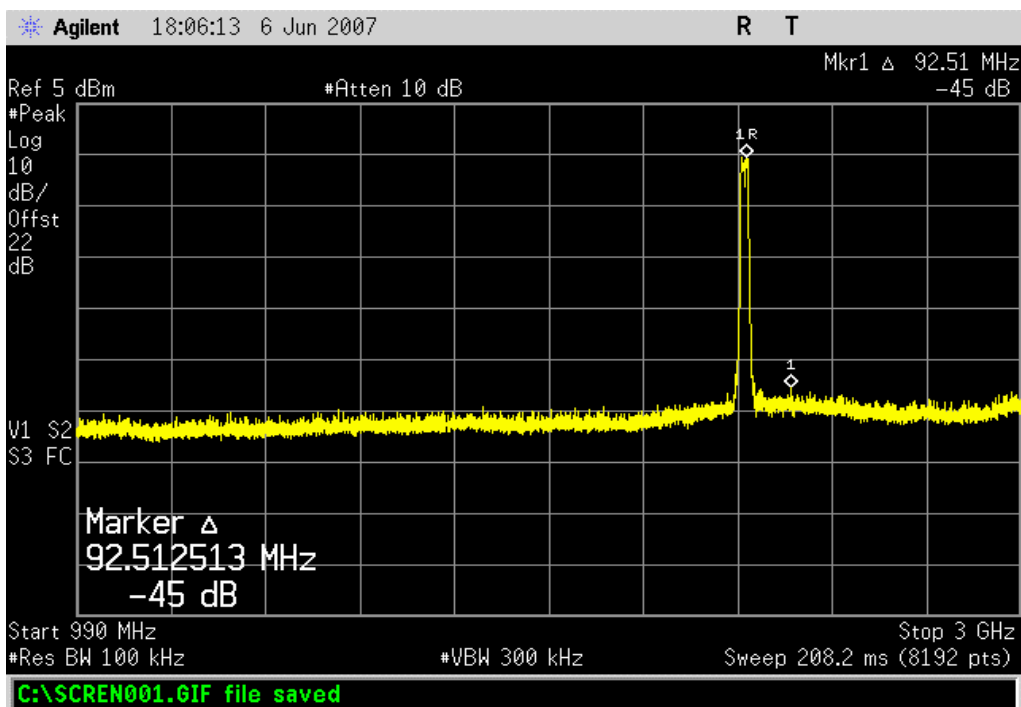


802.11(g), 6Mbps, Low channel, 990 MHz - 3 GHz

Result: Pass

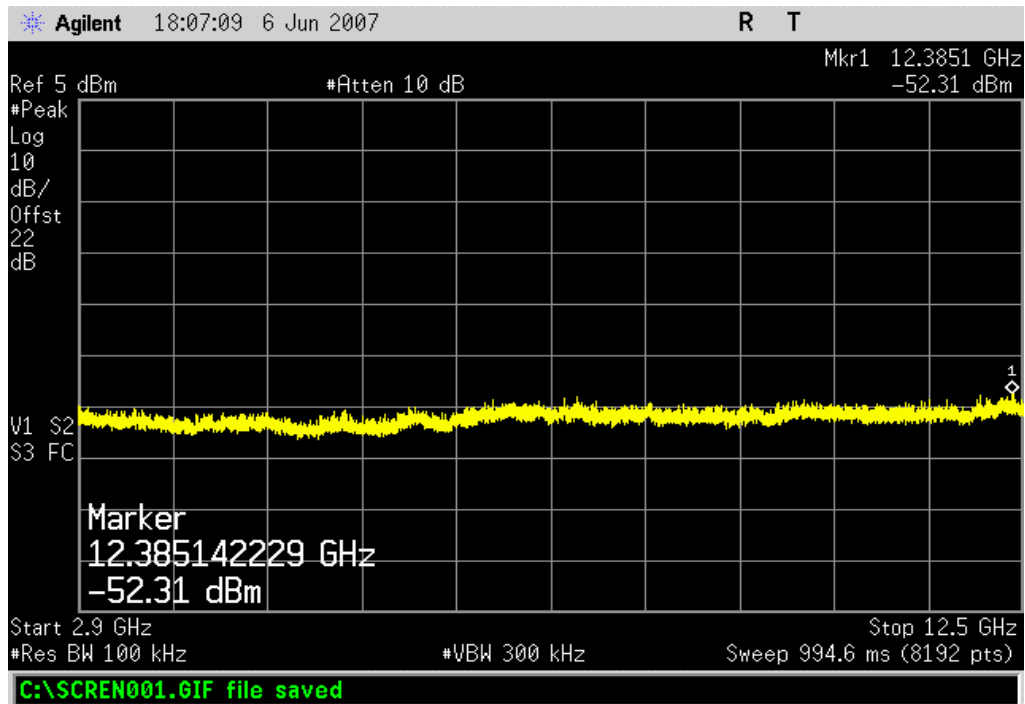
Value: ≤ -40 dBc

Limit: ≤ -20 dBc



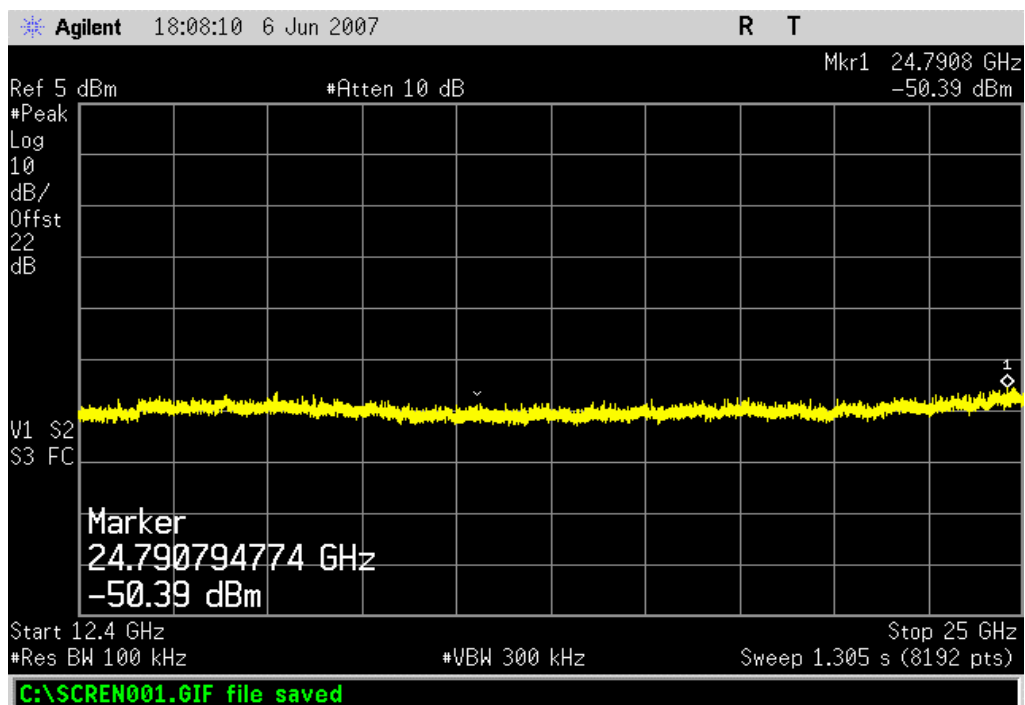
802.11(g), 6Mbps, Low channel, 2.9 GHz - 12.5 GHz

Result: Pass

Value: ≤ -40 dBcLimit: ≤ -20 dBc

802.11(g), 6Mbps, Low channel, 12.4 GHz - 25 GHz

Result: Pass

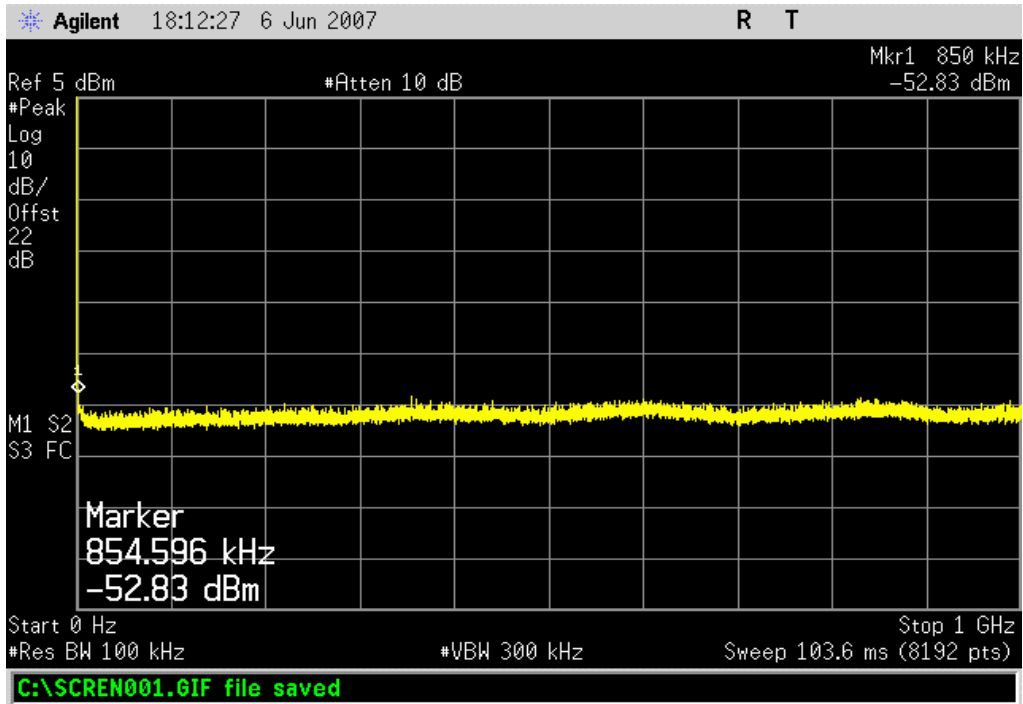
Value: ≤ -40 dBcLimit: ≤ -20 dBc

802.11(g), 6Mbps, Mid channel, 0 MHz - 1 GHz

Result: Pass

Value: ≤ -40 dBc

Limit: ≤ -20 dBc

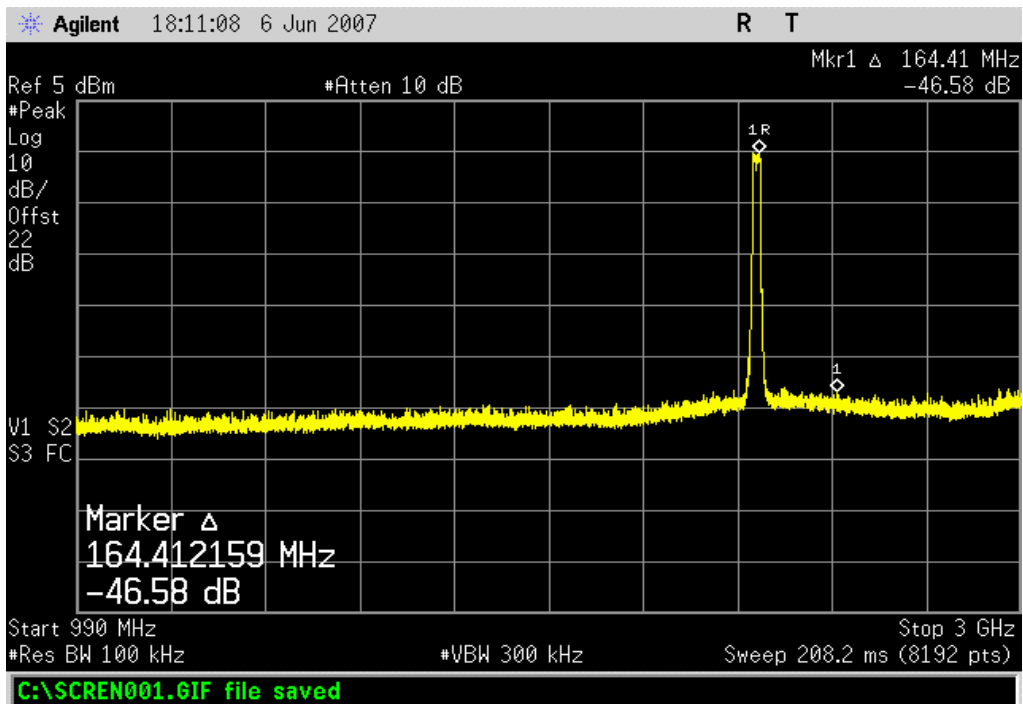


802.11(g), 6Mbps, Mid channel, 990 MHz - 3 GHz

Result: Pass

Value: ≤ -40 dBc

Limit: ≤ -20 dBc

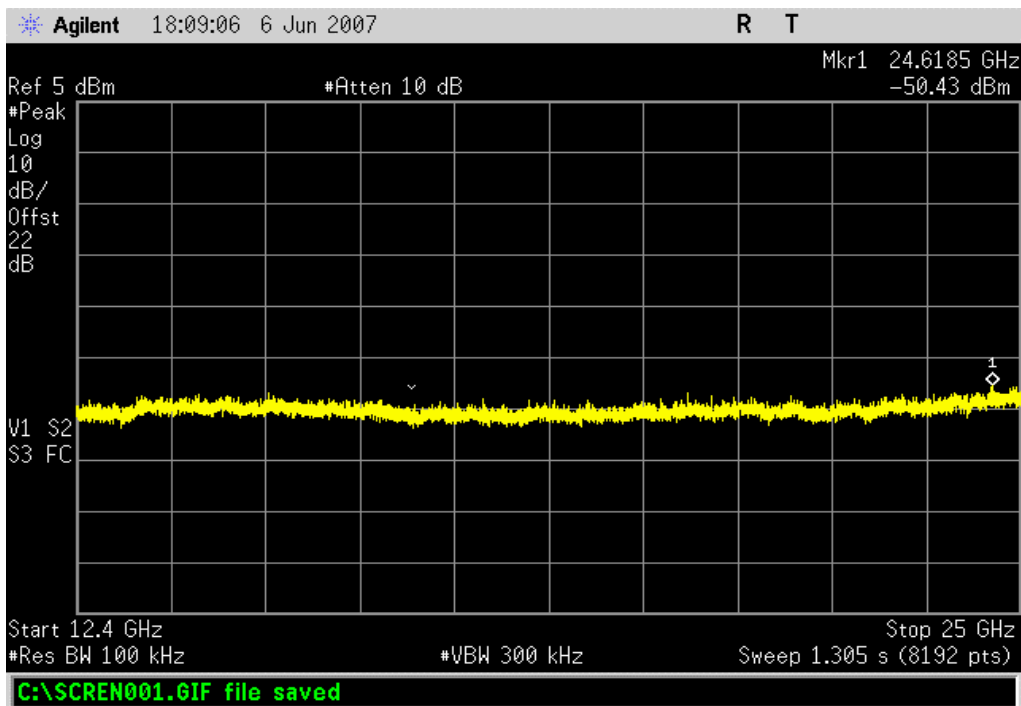


802.11(g), 6Mbps, Mid channel, 2.9 GHz - 12.5 GHz

Result: Pass

Value: ≤ -40 dBc

Limit: ≤ -20 dBc

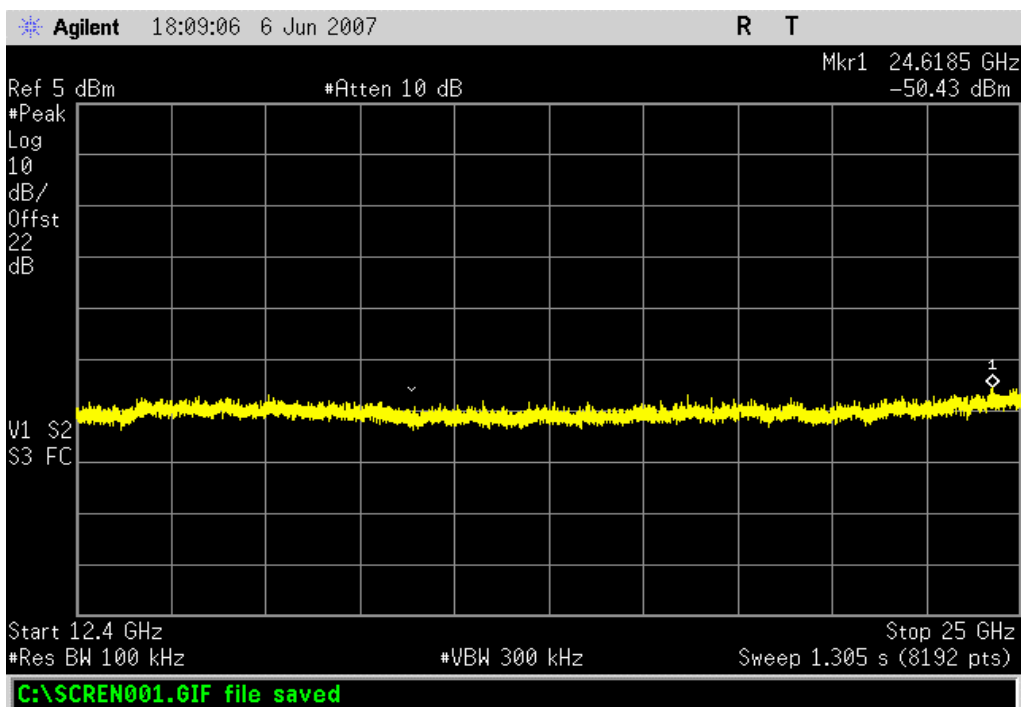


802.11(g), 6Mbps, Mid channel, 12.4 GHz - 25 GHz

Result: Pass

Value: ≤ -40 dBc

Limit: ≤ -20 dBc

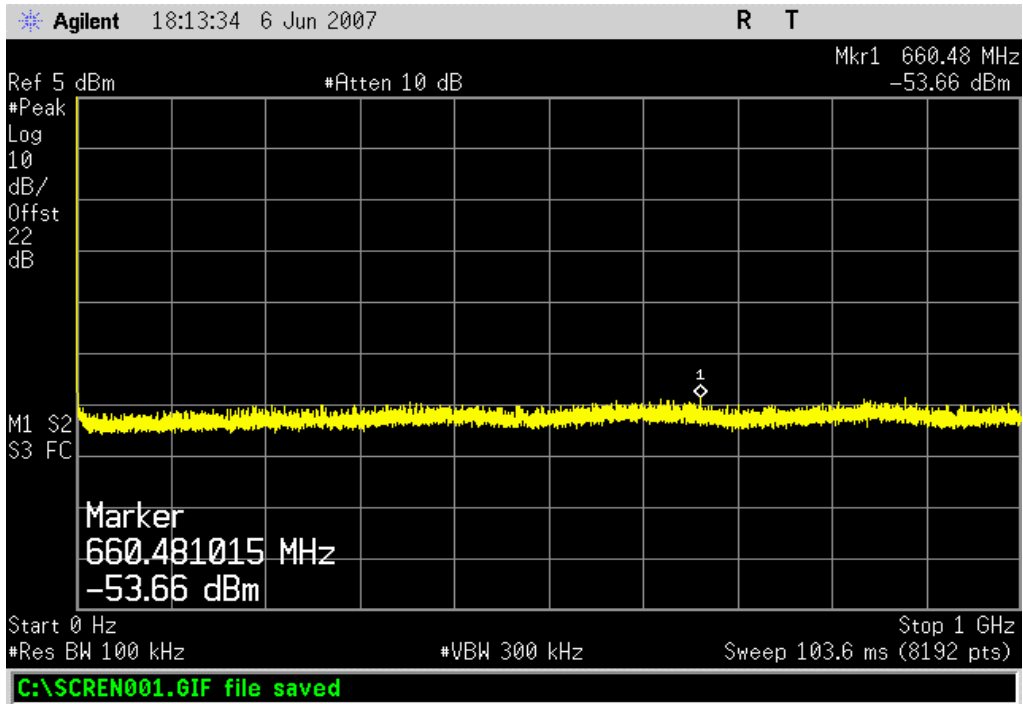


802.11(g), 6Mbps, High channel, 0 MHz - 1 GHz

Result: Pass

Value: ≤ -40 dBc

Limit: ≤ -20 dBc

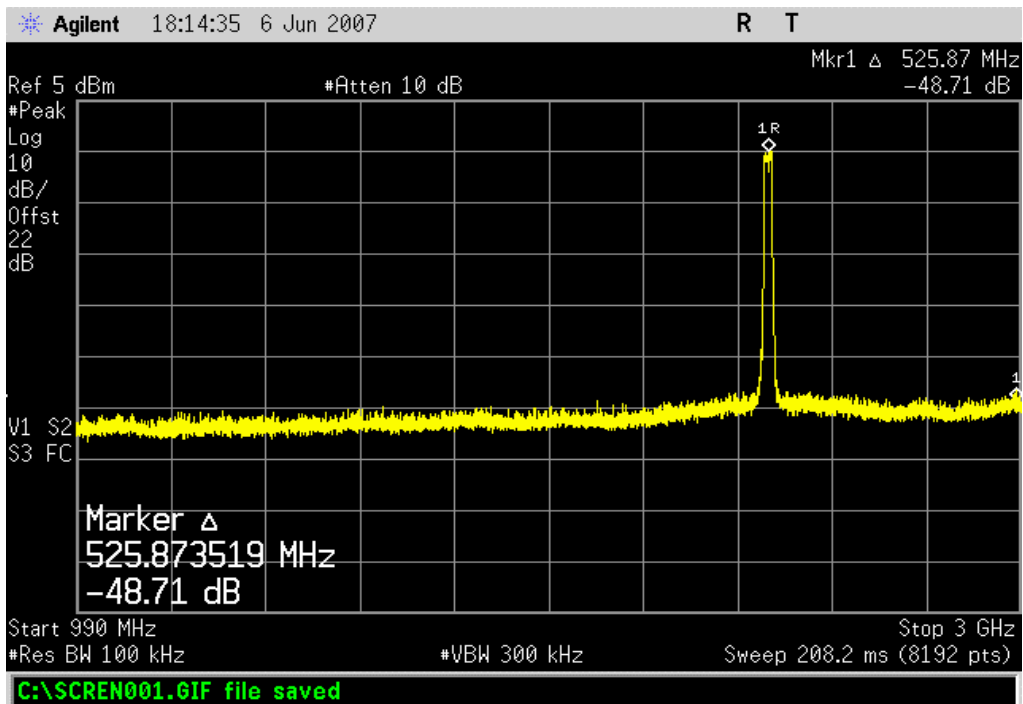


802.11(g), 6Mbps, High channel, 990 MHz - 3 GHz

Result: Pass

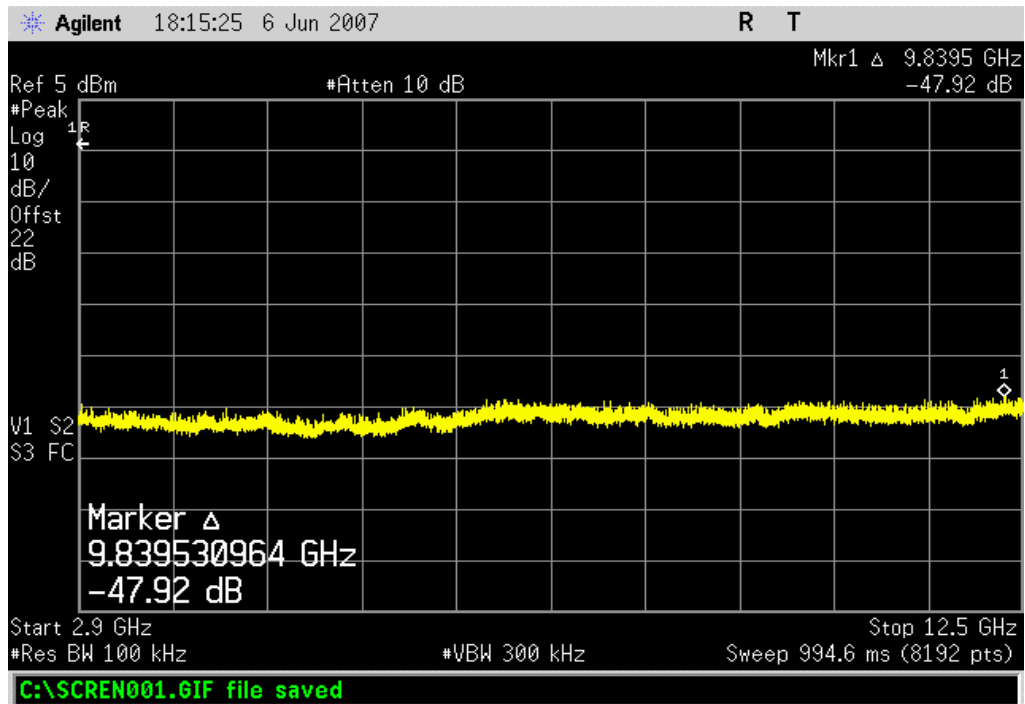
Value: ≤ -40 dBc

Limit: ≤ -20 dBc



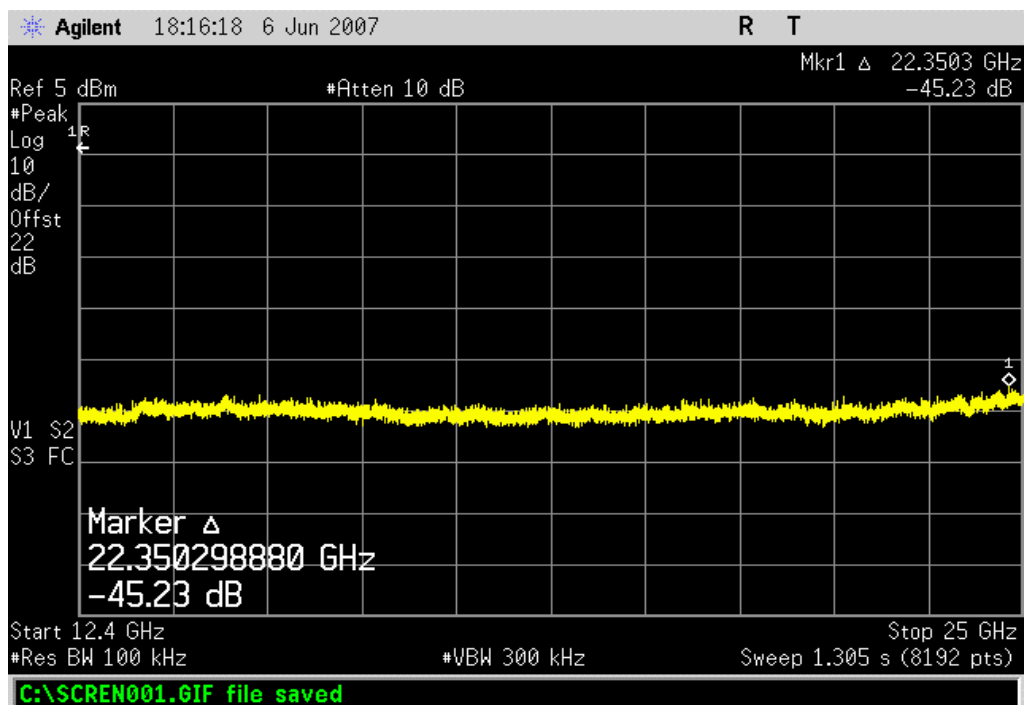
802.11(g), 6Mbps, High channel, 2.9 GHz - 12.5 GHz

Result: Pass

Value: ≤ -40 dBcLimit: ≤ -20 dBc

802.11(g), 6Mbps, High channel, 12.4 GHz - 25 GHz

Result: Pass

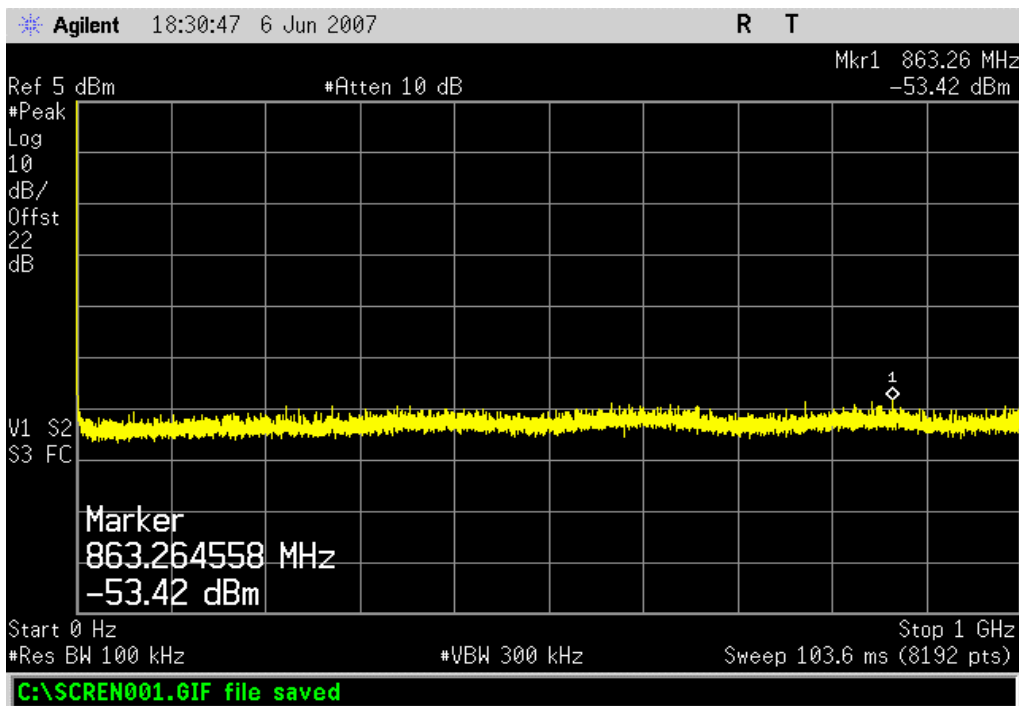
Value: ≤ -40 dBcLimit: ≤ -20 dBc

802.11(g), 36Mbps, Low channel, 0 MHz - 1 GHz

Result: Pass

Value: ≤ -40 dBc

Limit: ≤ -20 dBc

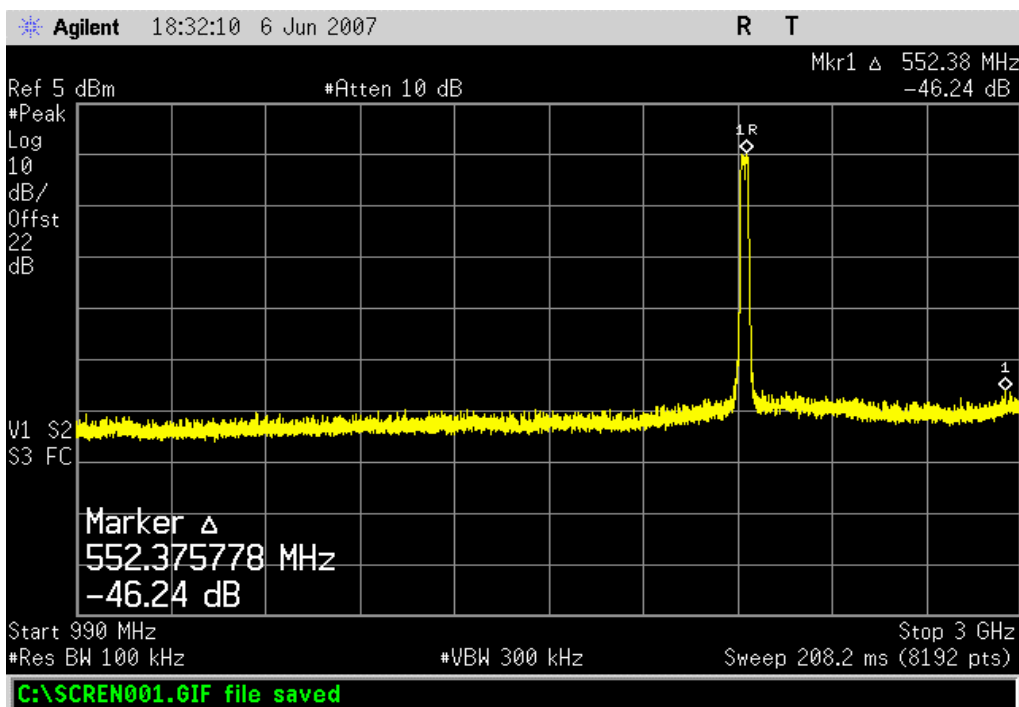


802.11(g), 36Mbps, Low channel, 990 MHz - 3 GHz

Result: Pass

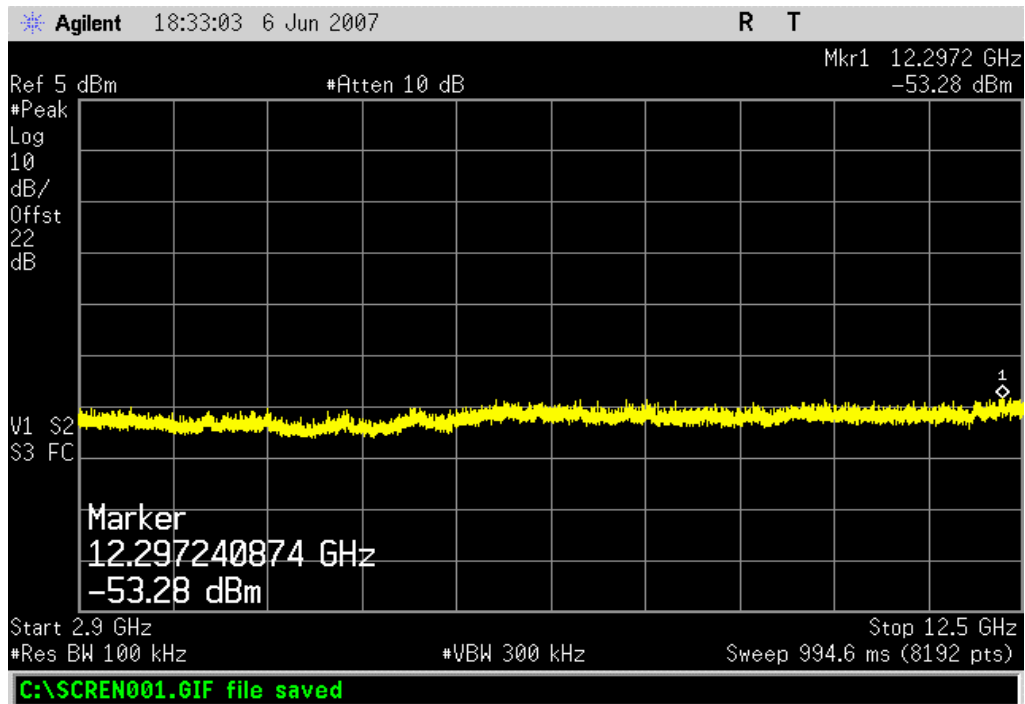
Value: ≤ -40 dBc

Limit: ≤ -20 dBc



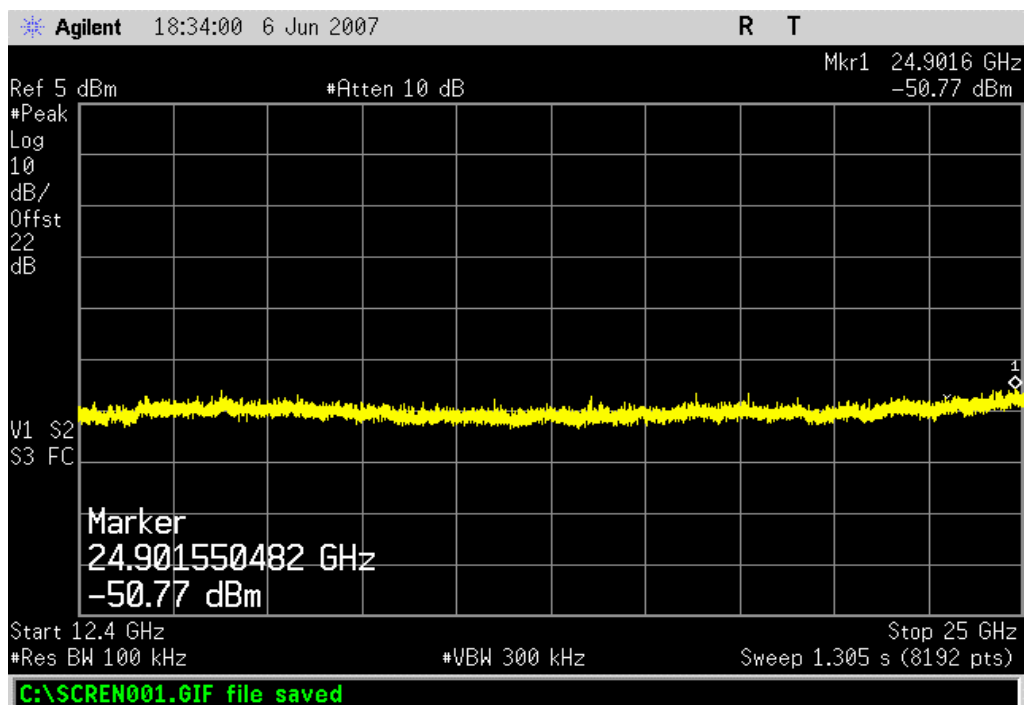
802.11(g), 36Mbps, Low channel, 2.9 GHz - 12.5 GHz

Result: Pass

Value: ≤ -40 dBcLimit: ≤ -20 dBc

802.11(g), 36Mbps, Low channel, 12.4 GHz - 25 GHz

Result: Pass

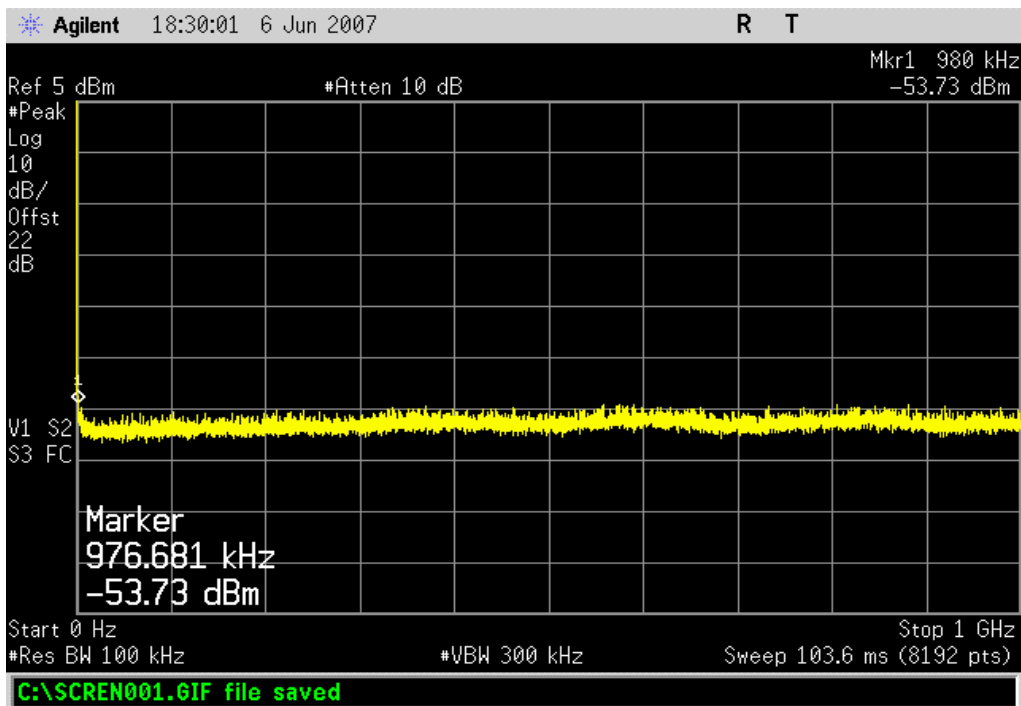
Value: ≤ -40 dBcLimit: ≤ -20 dBc

802.11(g), 36Mbps, Mid channel, 0 MHz - 1 GHz

Result: Pass

Value: ≤ -40 dBc

Limit: ≤ -20 dBc

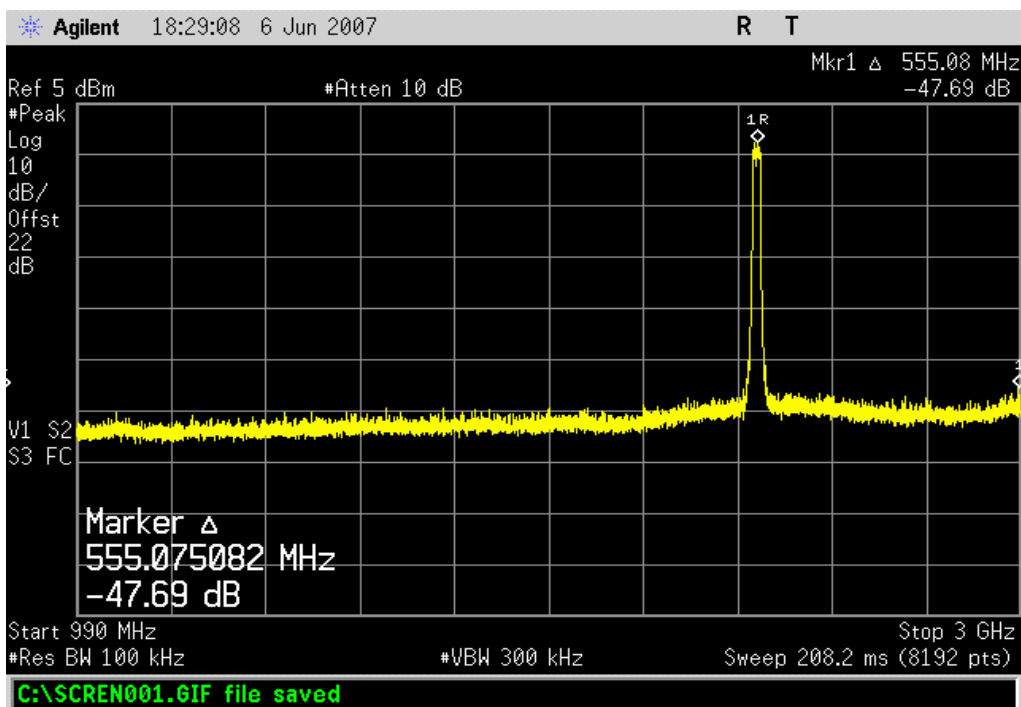


802.11(g), 36Mbps, Mid channel, 990 MHz - 3 GHz

Result: Pass

Value: ≤ -40 dBc

Limit: ≤ -20 dBc

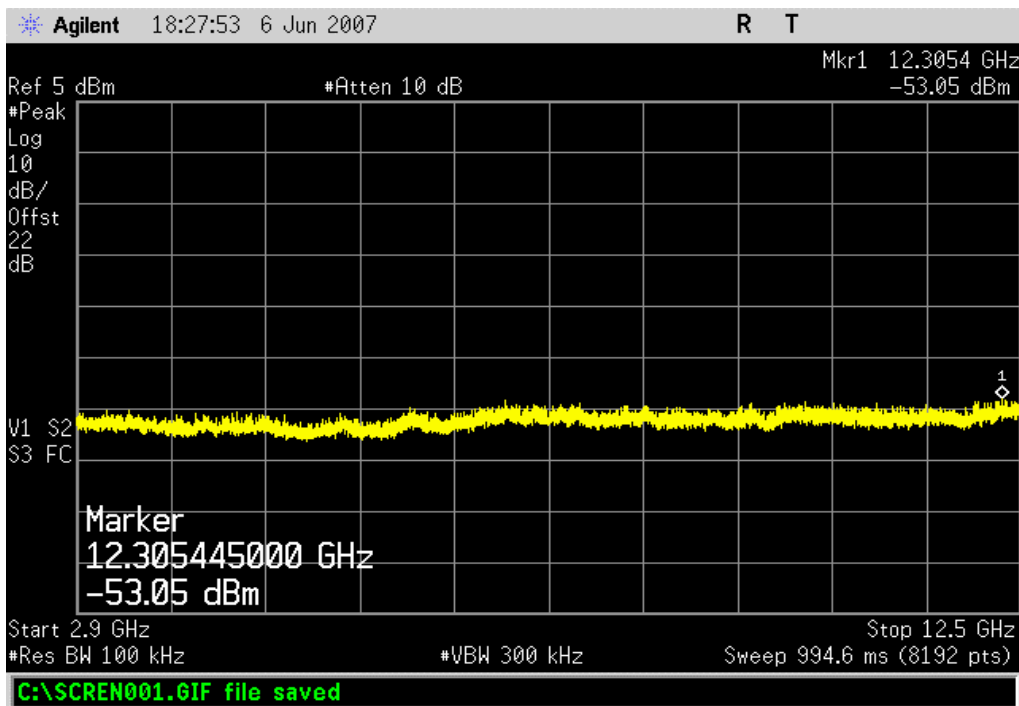


802.11(g), 36Mbps, Mid channel, 2.9 GHz - 12.5 GHz

Result: Pass

Value: ≤ -40 dBc

Limit: ≤ -20 dBc

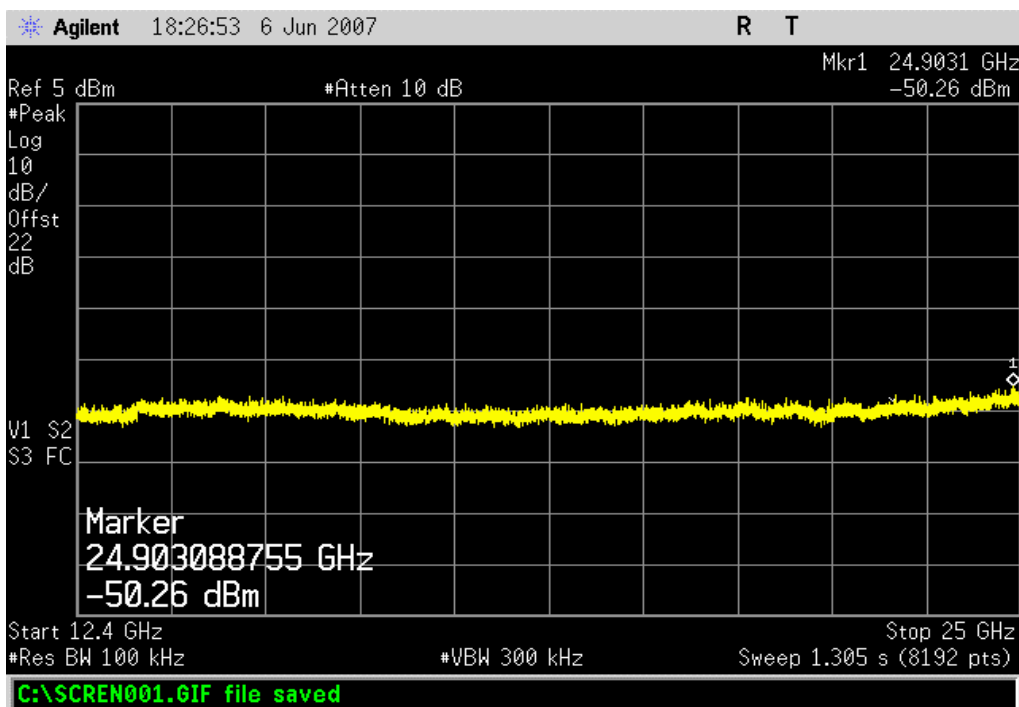


802.11(g), 36Mbps, Mid channel, 12.4 GHz - 25 GHz

Result: Pass

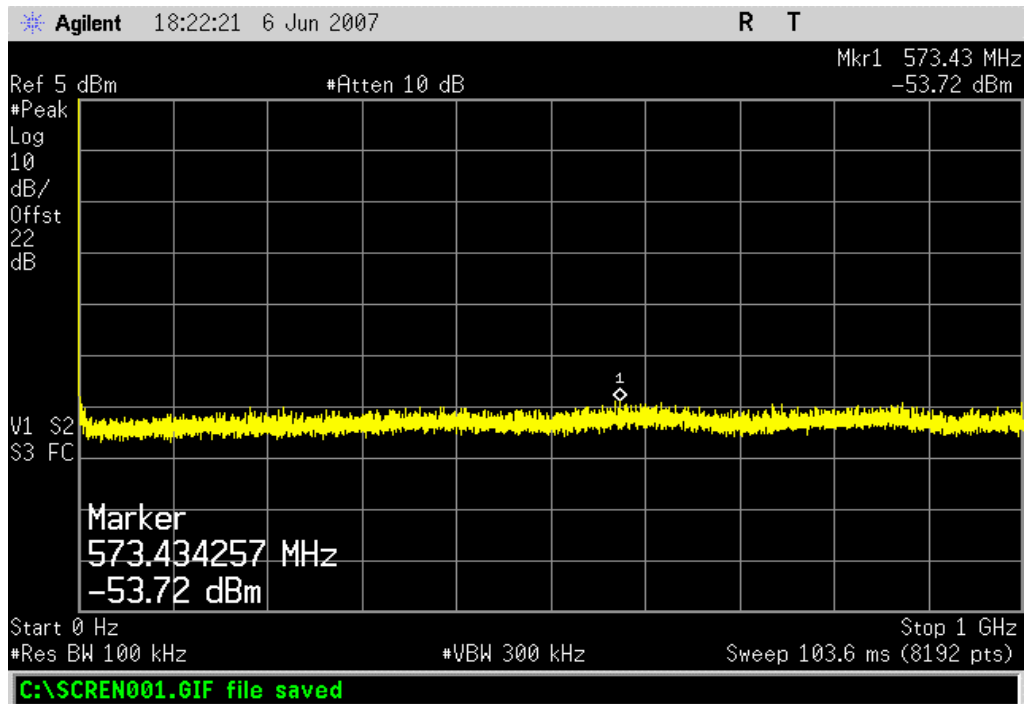
Value: ≤ -40 dBc

Limit: ≤ -20 dBc



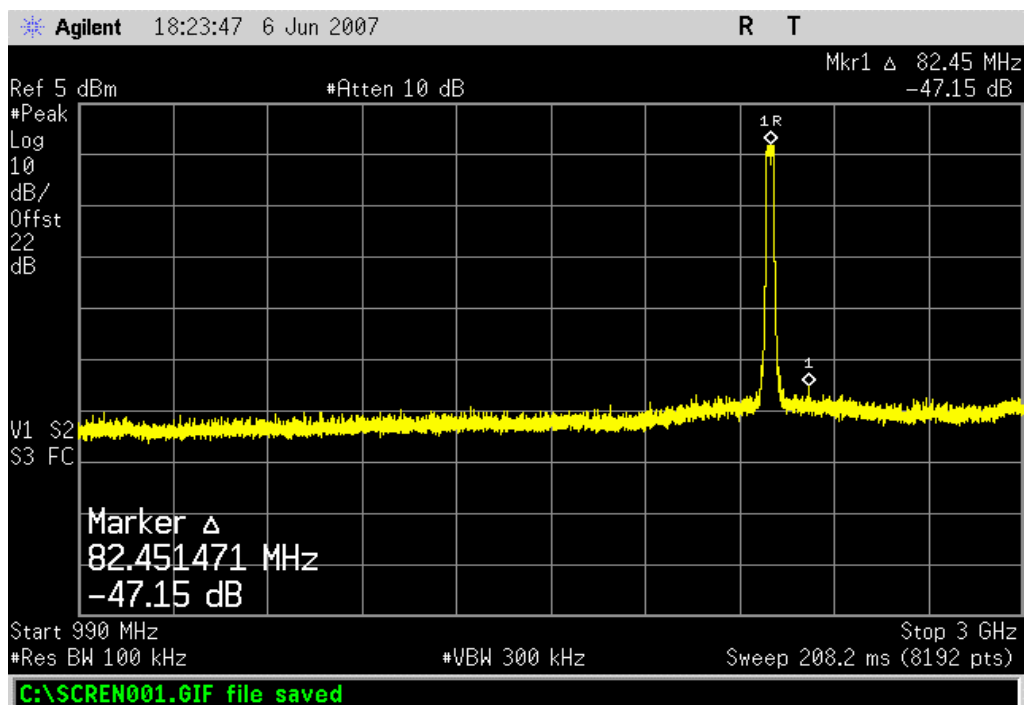
802.11(g), 36Mbps, High channel, 0 MHz - 1 GHz

Result: Pass

Value: ≤ -40 dBcLimit: ≤ -20 dBc

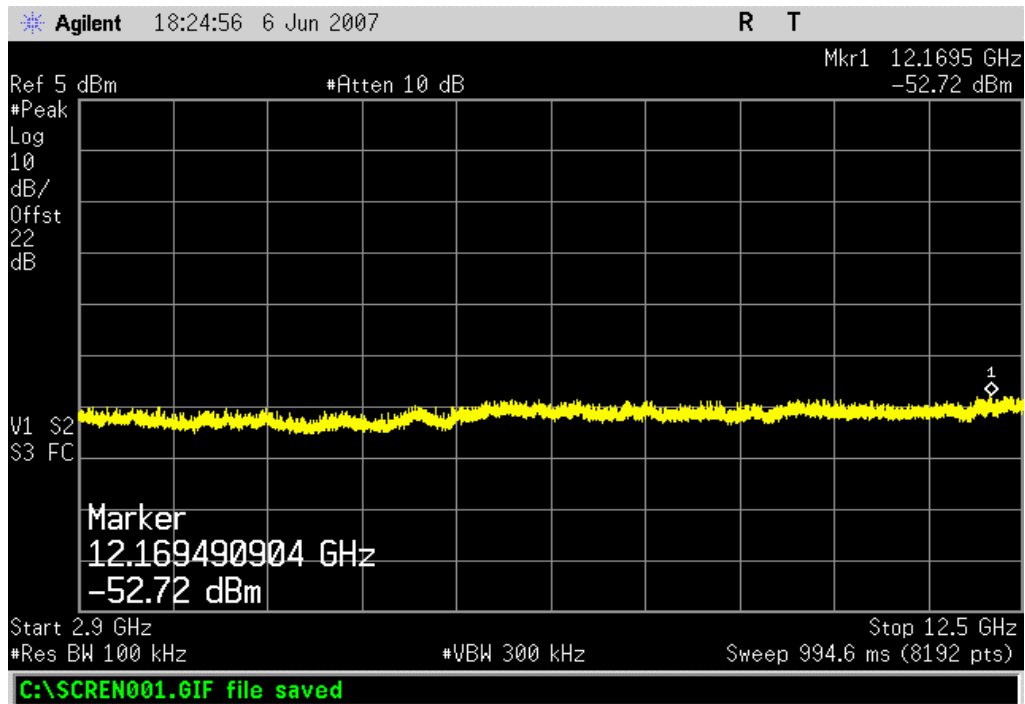
802.11(g), 36Mbps, High channel, 990 MHz - 3 GHz

Result: Pass

Value: ≤ -40 dBcLimit: ≤ -20 dBc

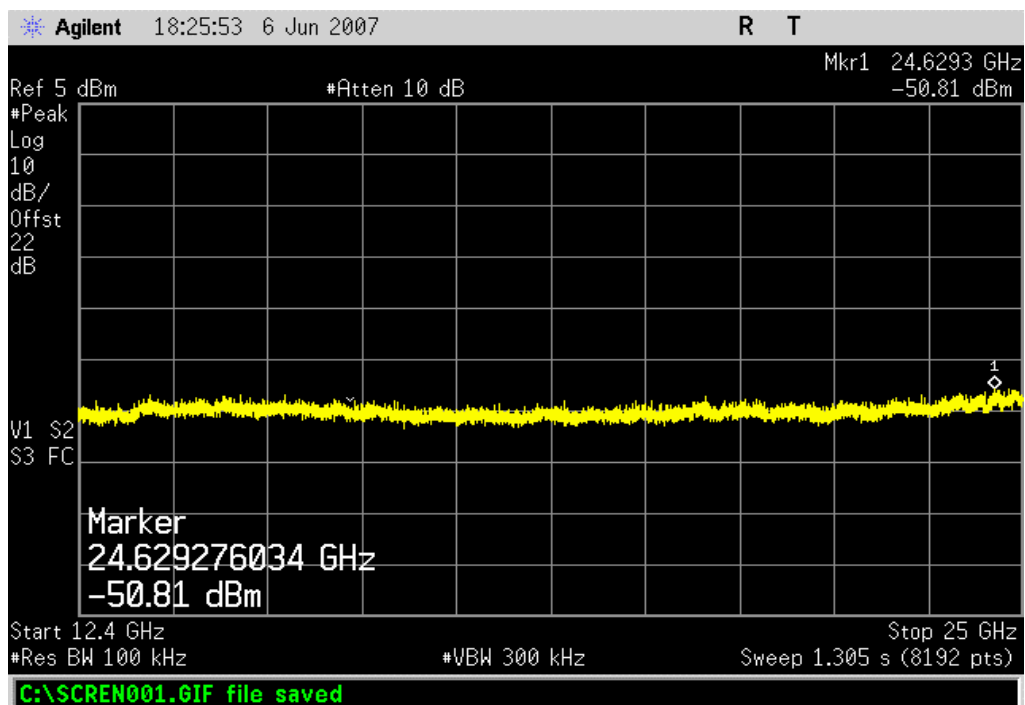
802.11(g), 36Mbps, High channel, 2.9 GHz - 12.5 GHz

Result: Pass

Value: ≤ -40 dBcLimit: ≤ -20 dBc

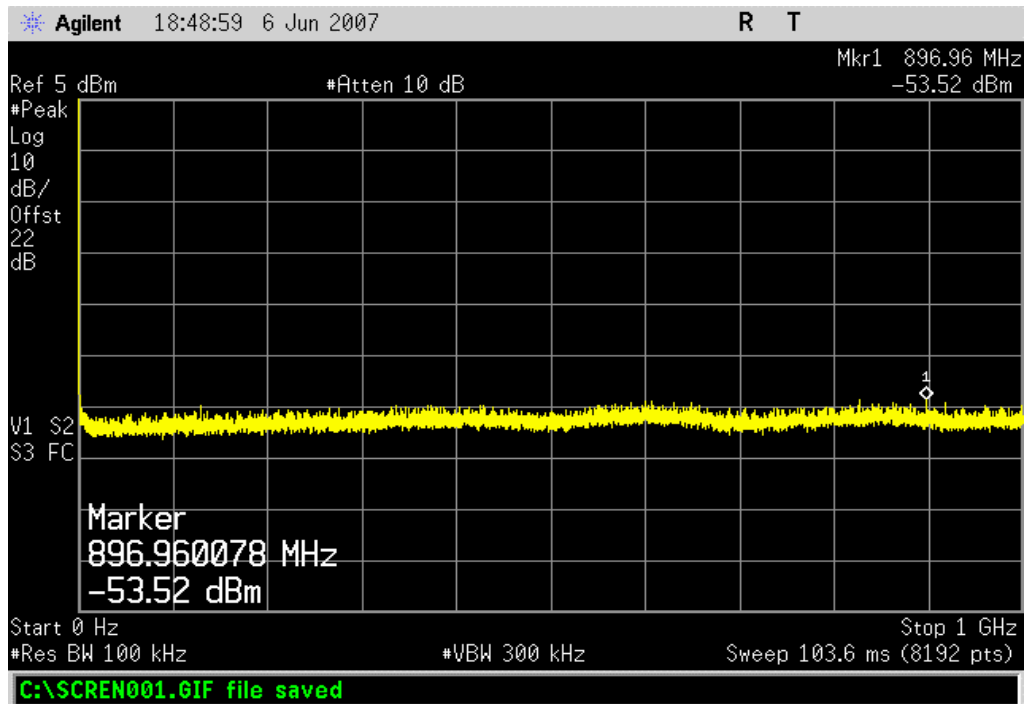
802.11(g), 36Mbps, High channel, 12.4 GHz - 25 GHz

Result: Pass

Value: ≤ -40 dBcLimit: ≤ -20 dBc

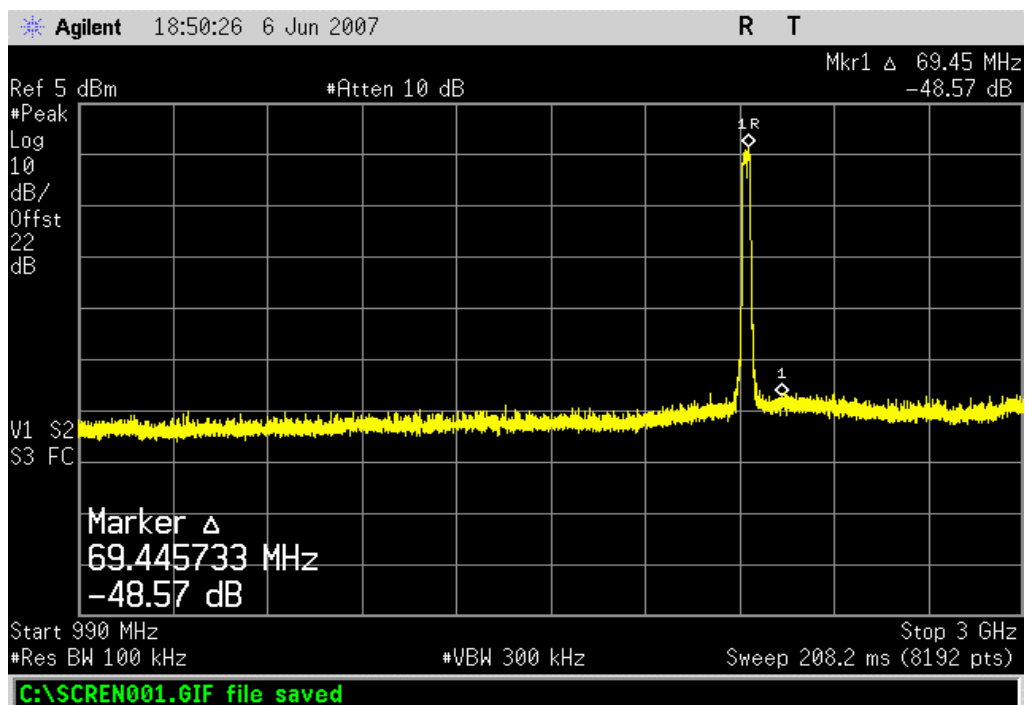
802.11(g), 54Mbps, Low channel, 0 MHz - 1 GHz

Result: Pass

Value: ≤ -40 dBcLimit: ≤ -20 dBc

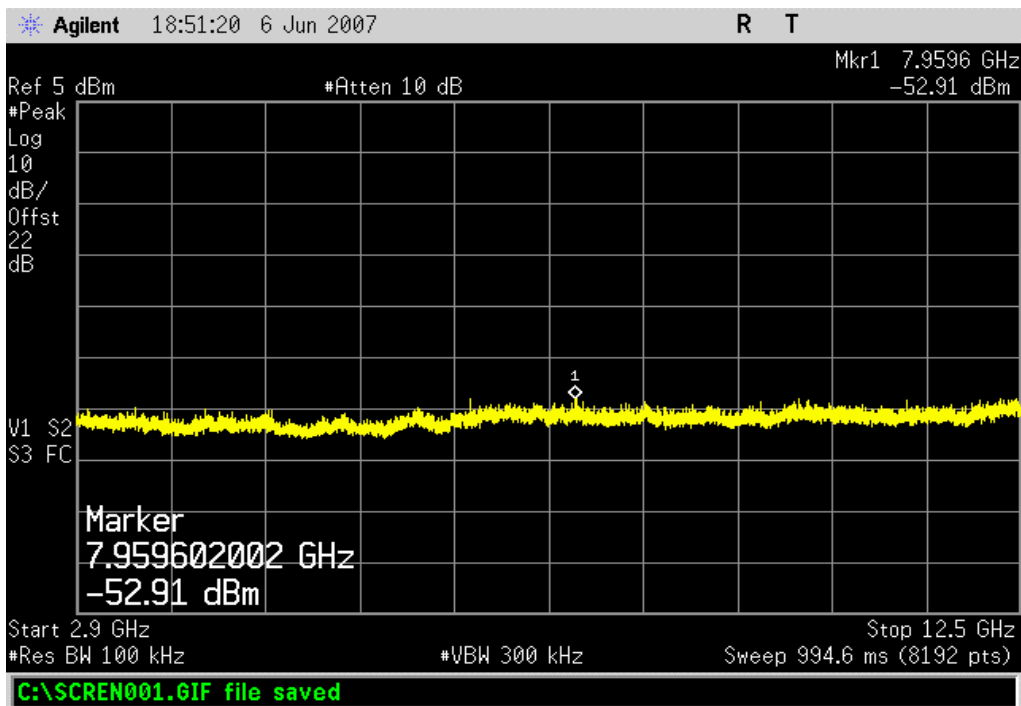
802.11(g), 54Mbps, Low channel, 990 MHz - 3 GHz

Result: Pass

Value: ≤ -40 dBcLimit: ≤ -20 dBc

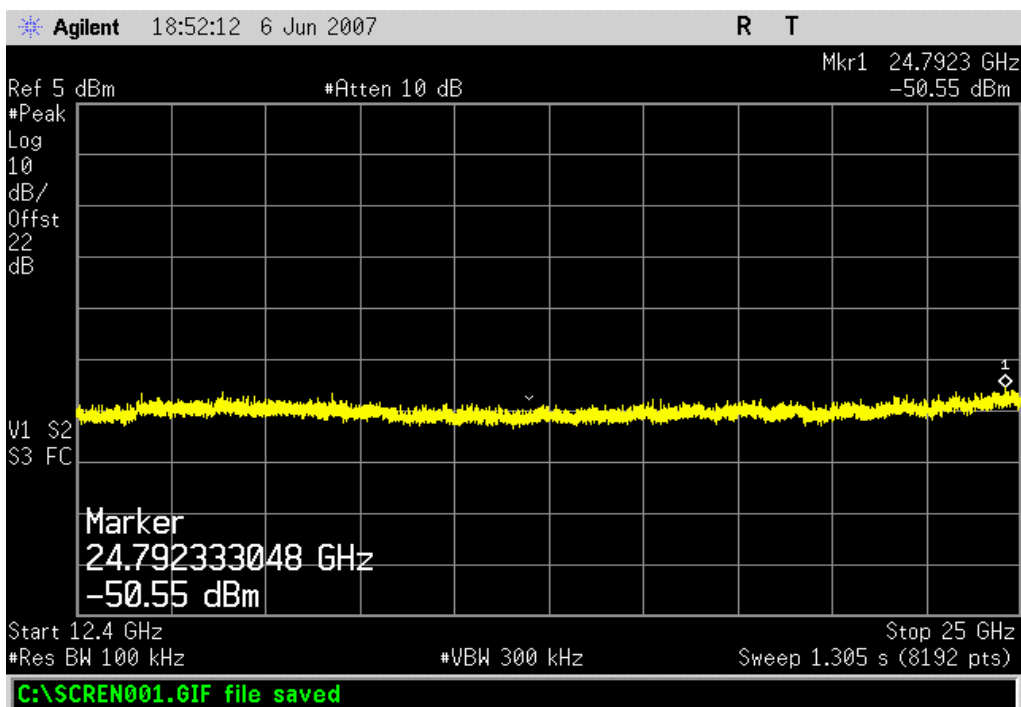
802.11(g), 54Mbps, Low channel, 2.9 GHz - 12.5 GHz

Result: Pass **Value:** ≤ -40 dBc **Limit:** ≤ -20 dBc



802.11(g), 54Mbps, Low channel, 12.4 GHz - 25 GHz

Result: Pass **Value:** ≤ -40 dBc **Limit:** ≤ -20 dBc

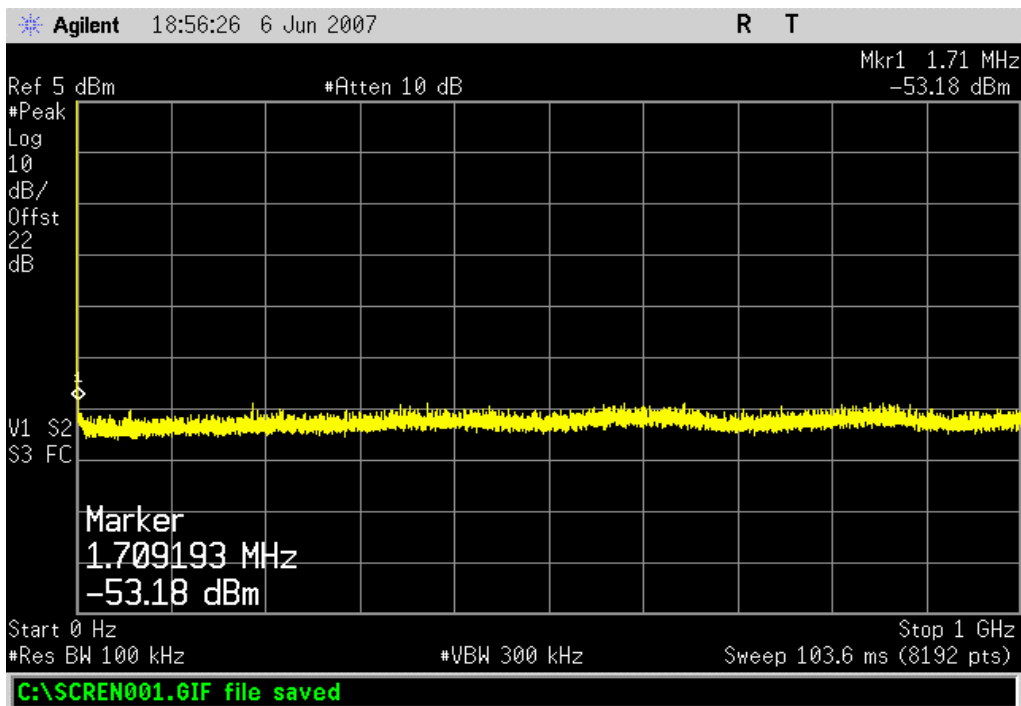


802.11(g), 54Mbps, Mid channel, 0 MHz - 1 GHz

Result: Pass

Value: ≤ -40 dBc

Limit: ≤ -20 dBc

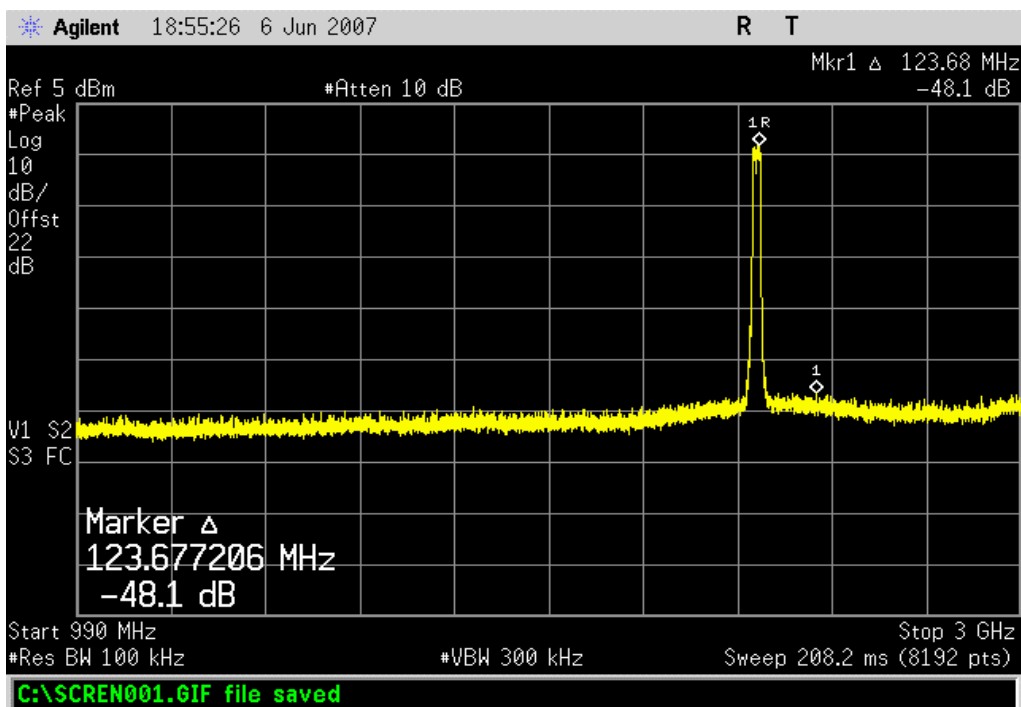


802.11(g), 54Mbps, Mid channel, 990 MHz - 3 GHz

Result: Pass

Value: ≤ -40 dBc

Limit: ≤ -20 dBc

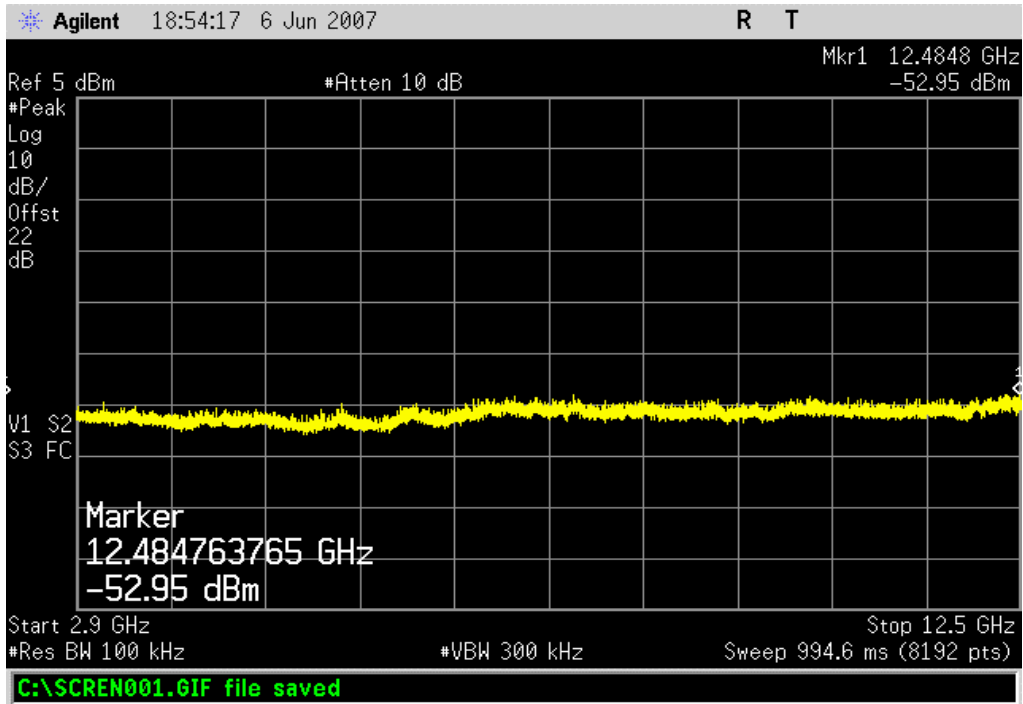


802.11(g), 54Mbps, Mid channel, 2.9 GHz - 12.5 GHz

Result: Pass

Value: ≤ -40 dBc

Limit: ≤ -20 dBc

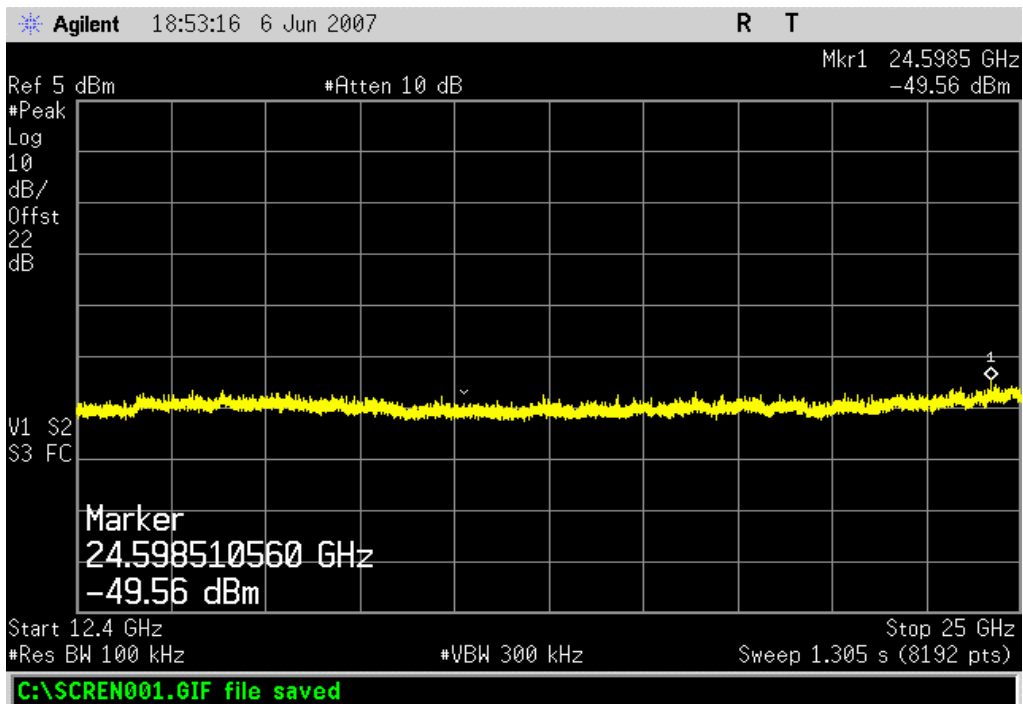


802.11(g), 54Mbps, Mid channel, 12.4 GHz - 25 GHz

Result: Pass

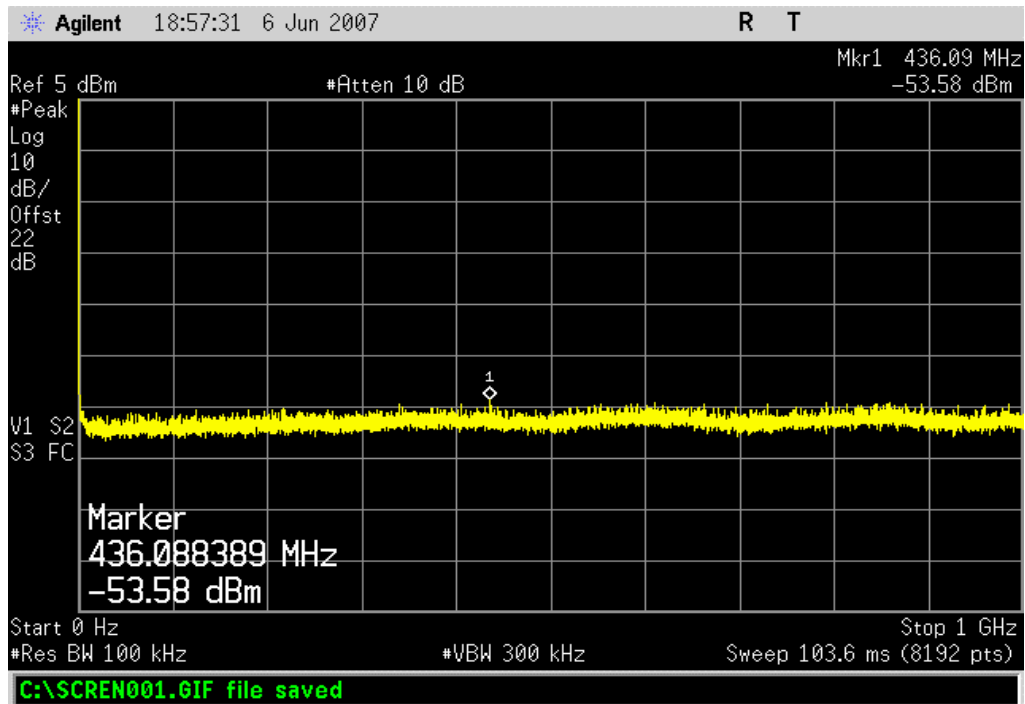
Value: ≤ -40 dBc

Limit: ≤ -20 dBc



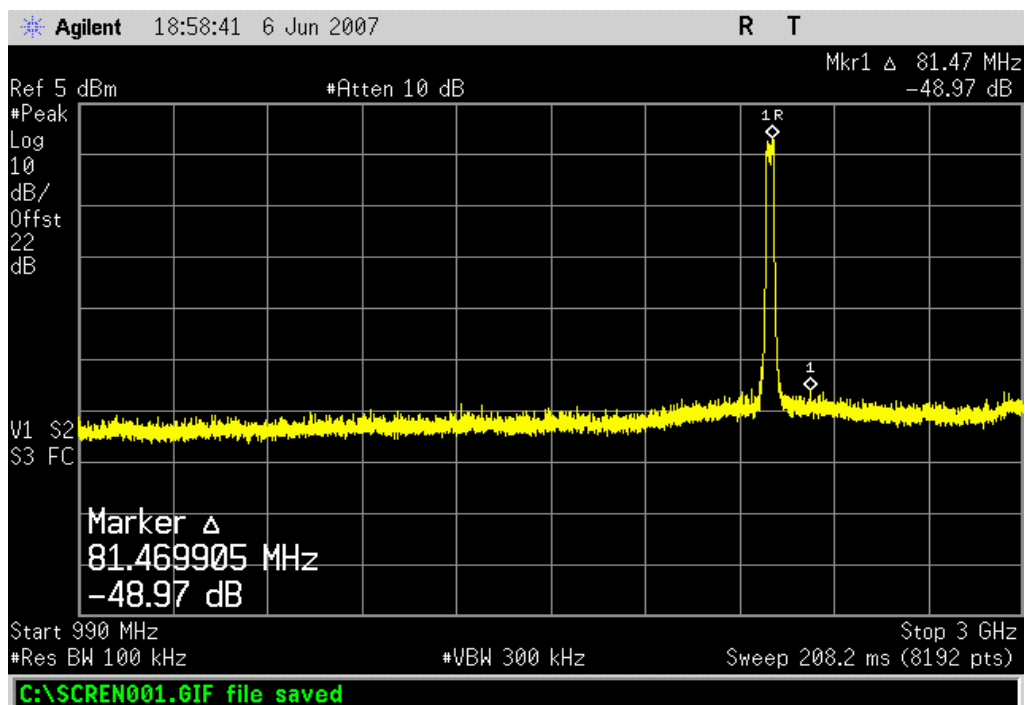
802.11(g), 54Mbps, High channel, 0 MHz - 1 GHz

Result: Pass

Value: ≤ -40 dBcLimit: ≤ -20 dBc

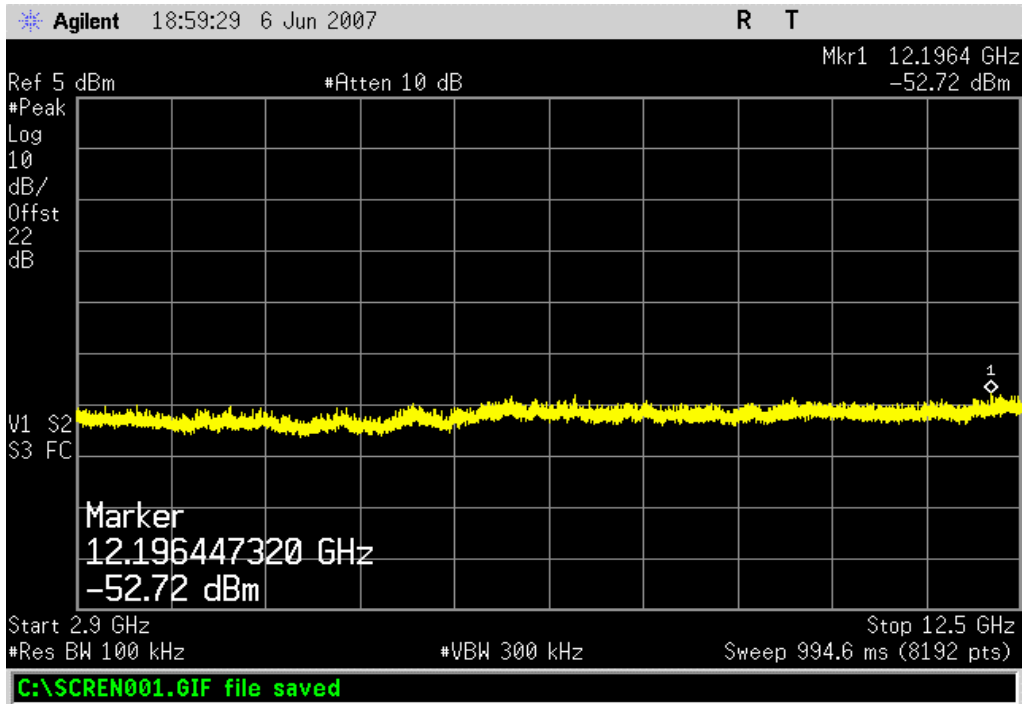
802.11(g), 54Mbps, High channel, 990 MHz - 3 GHz

Result: Pass

Value: ≤ -40 dBcLimit: ≤ -20 dBc

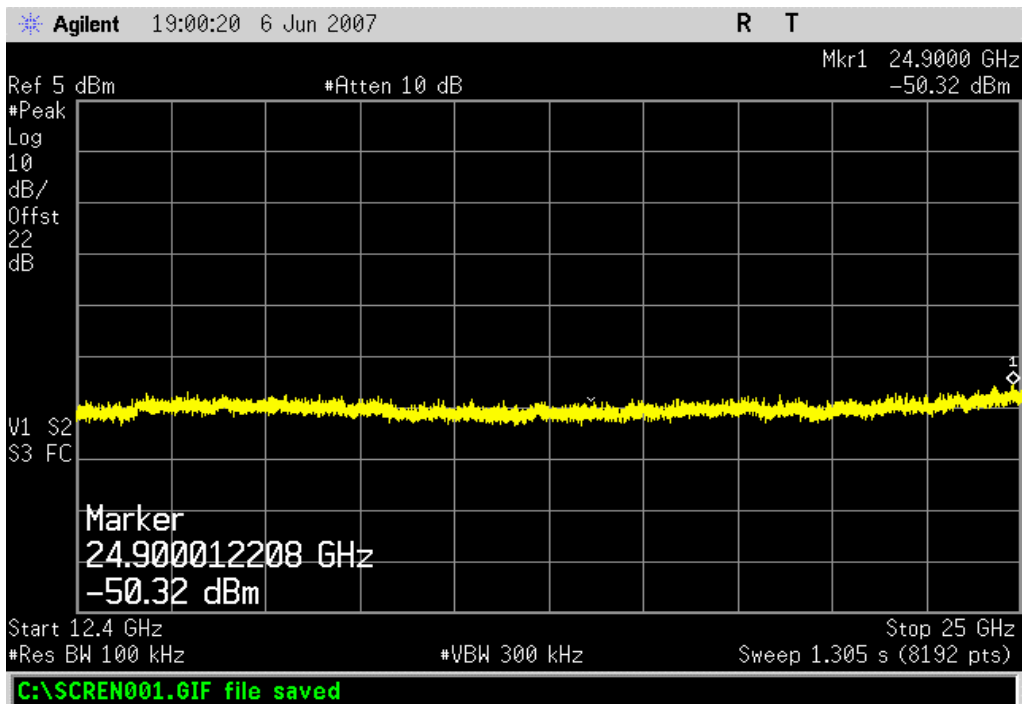
802.11(g), 54Mbps, High channel, 2.9 GHz - 12.5 GHz

Result: Pass **Value:** ≤ -40 dBc **Limit:** ≤ -20 dBc



802.11(g), 54Mbps, High channel, 12.4 GHz - 25 GHz

Result: Pass **Value:** ≤ -40 dBc **Limit:** ≤ -20 dBc





Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Interval
Spectrum Analyzer	Agilent	E4407B	AAU	12/8/2006	13

MEASUREMENT UNCERTAINTY

Measurement uncertainty is used to reflect the accuracy of the measured result as compared with its "true" or theoretically correct value. Our measurement data meets or exceeds the measurement uncertainty requirements of CISPR 16-4. In the case of transient tests our test equipment has been demonstrated by calibration to provide at least a 95% confidence that it complies with the test specification requirements. The measurement uncertainty for any test is available upon request.

TEST DESCRIPTION

The peak power spectral density measurements were measured with the EUT set to low, mid, and high transmit frequencies. The measurement was made using a direct connection between the RF output of the EUT and the spectrum analyzer. The EUT was transmitting at its maximum data rate using direct sequence modulation. Per the procedure outlined in FCC 97-114, the spectrum analyzer was used as follows:

The emission peak(s) were located and zoom in on within the passband. The resolution bandwidth was set to 3 kHz, the video bandwidth was set to greater than or equal to the resolution bandwidth. The sweep speed was set equal to the span divided by 3 kHz (sweep = (SPAN/3 kHz)). For example, given a span of 1.5 MHz, the sweep should be $1.5 \times 10^6 \div 3 \times 10^3 = 500$ seconds. External attenuation was used and added to the reading. The following FCC procedure was used for modifying the power spectral density measurements:

"If the spectrum line spacing cannot be resolved on the available spectrum analyzer, the noise density function on most modern conventional spectrum analyzers will directly measure the noise power density normalized to a 1 Hz noise power bandwidth. Add 34.8 dB for correction to 3 kHz."

EMC

Power Spectral Density

EUT:	USI WM-G-MR-05 in Eagle	Work Order:	TRPO0034
Serial Number:	Unknown	Date:	06/05/07
Customer:	Tripod Data Systems, Inc.	Temperature:	24°C
Attendees:	None	Humidity:	35%
Project:	None	Barometric Pres.:	29.81
Tested by:	Holy Ashkannejhad	Power:	120VAC/60Hz
		Job Site:	EV06

TEST SPECIFICATIONS	Test Method
FCC 15.247(DTS):2006	ANSI C63.4:2003, KDB No. 558074

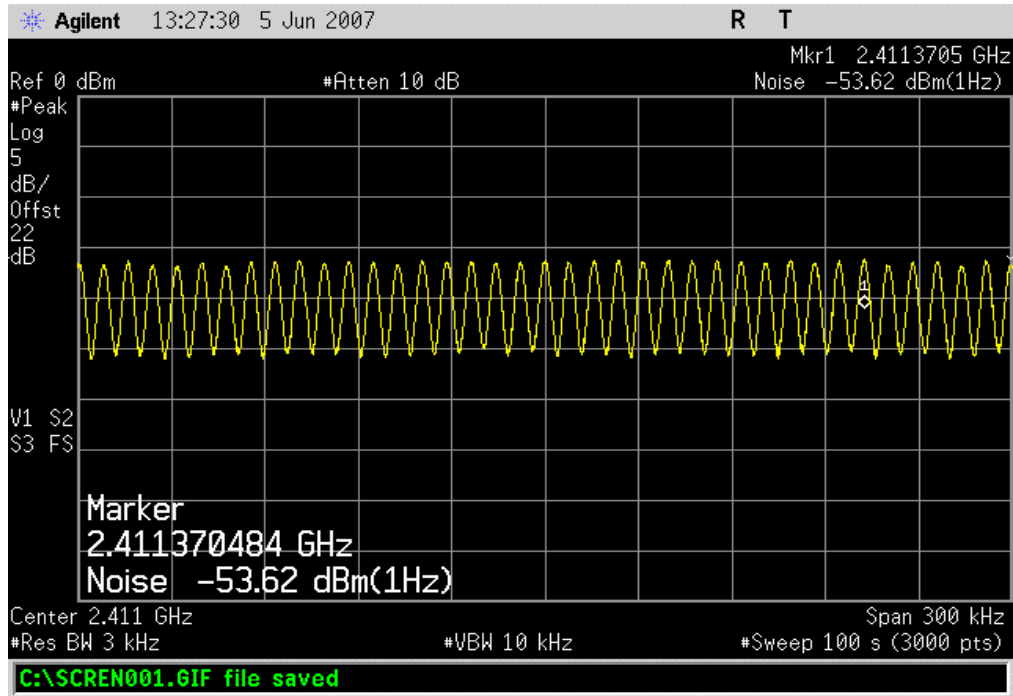
COMMENTS

DEVIATIONS FROM TEST STANDARD

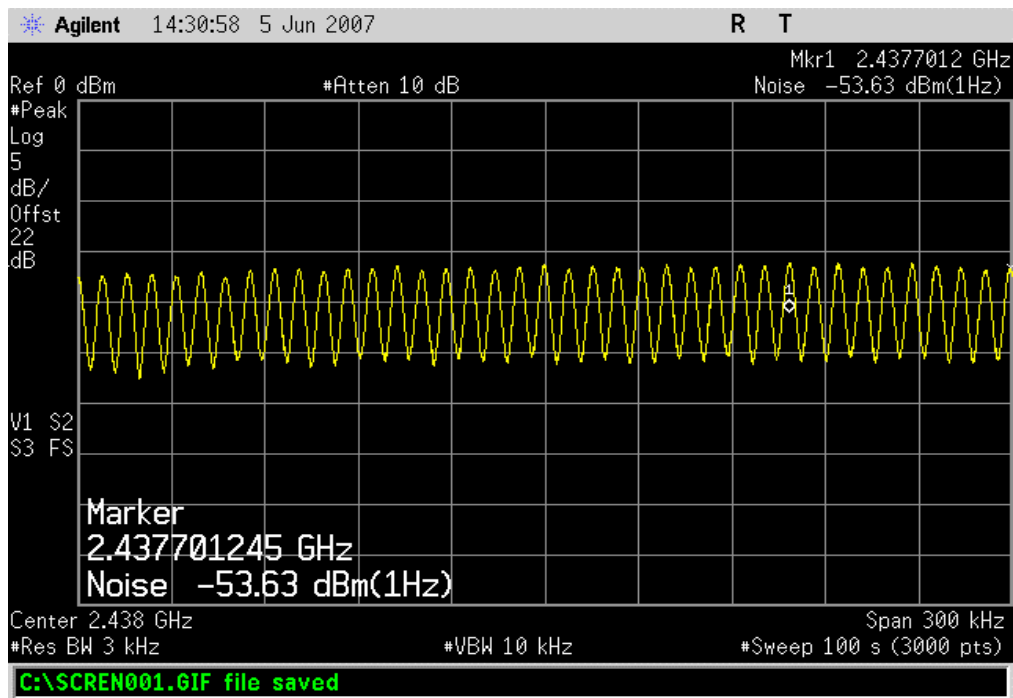
Configuration #	2	Signature <i>Holy Ashkannejhad</i>
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		Value	Limit	Results
802.11(b), 1Mbps	Low	-18.82 dBm / 3 kHz	8 dBm / 3 kHz	Pass
	Mid	-18.83 dBm / 3 kHz	8 dBm / 3 kHz	Pass
	High	-18.63 dBm / 3 kHz	8 dBm / 3 kHz	Pass
802.11(b), 11Mbps	Low	-18.6 dBm / 3 kHz	8 dBm / 3 kHz	Pass
	Mid	-17.68 dBm / 3 kHz	8 dBm / 3 kHz	Pass
	High	-17.16 dBm / 3 kHz	8 dBm / 3 kHz	Pass
802.11(g), 6Mbps	Low	-27.7 dBm / 3 kHz	8 dBm / 3 kHz	Pass
	Mid	-23.43 dBm / 3 kHz	8 dBm / 3 kHz	Pass
	High	-20.77 dBm / 3 kHz	8 dBm / 3 kHz	Pass
802.11(g), 36Mbps	Low	-20.83 dBm / 3 kHz	8 dBm / 3 kHz	Pass
	Mid	-19.01 dBm / 3 kHz	8 dBm / 3 kHz	Pass
	High	-19.44 dBm / 3 kHz	8 dBm / 3 kHz	Pass
802.11(g), 54Mbps	Low	-20.07 dBm / 3 kHz	8 dBm / 3 kHz	Pass
	Mid	-20.07 dBm / 3 kHz	8 dBm / 3 kHz	Pass
	High	-18.99 dBm / 3 kHz	8 dBm / 3 kHz	Pass

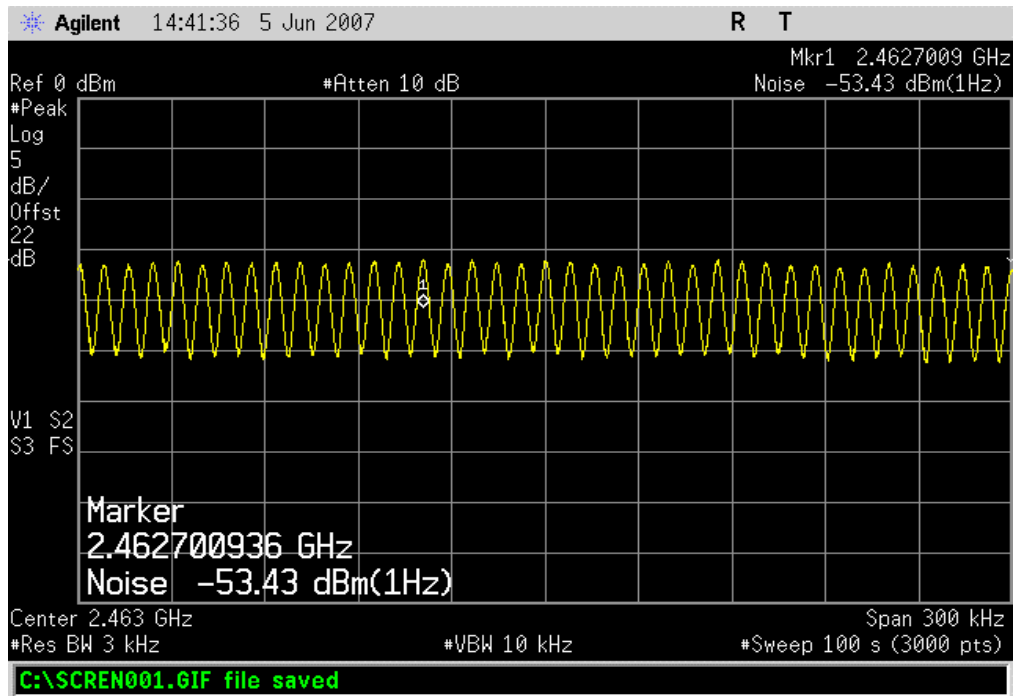
802.11(b), 1Mbps, Low
Result: Pass **Value:** -18.82 dBm / 3 kHz **Limit:** 8 dBm / 3 kHz



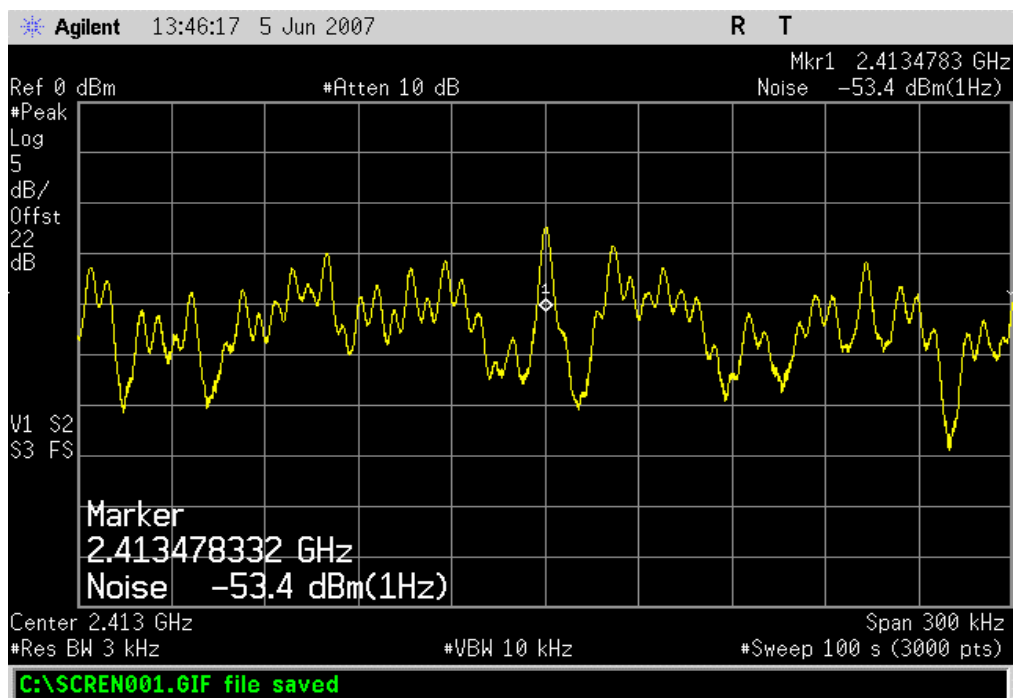
802.11(b), 1Mbps, Mid
Result: Pass **Value:** -18.83 dBm / 3 kHz **Limit:** 8 dBm / 3 kHz



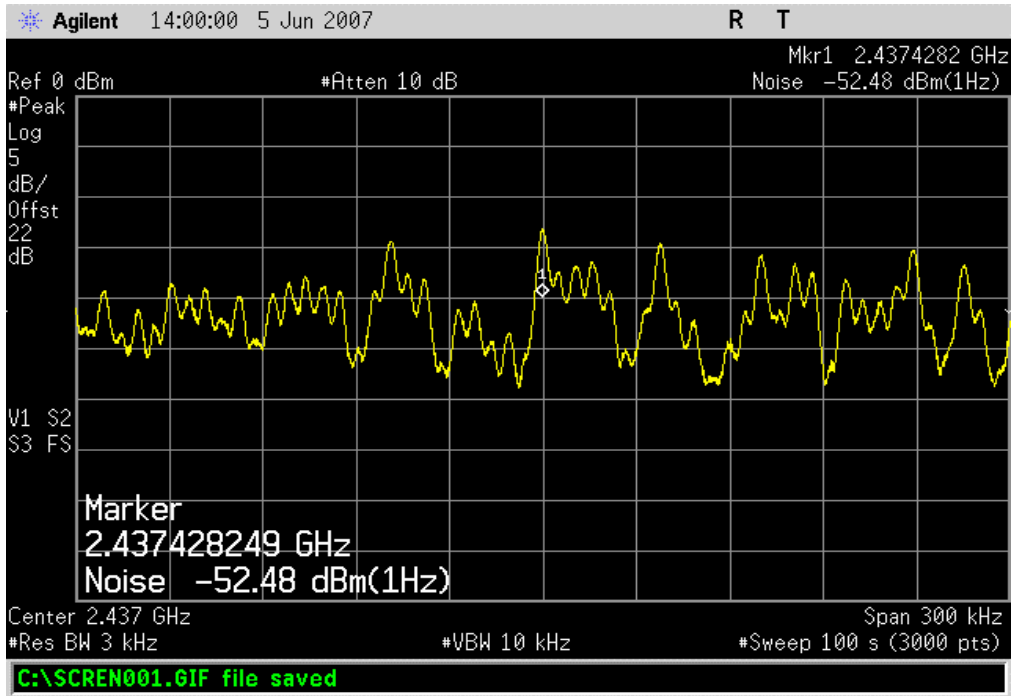
802.11(b), 1Mbps, High
Result: Pass **Value:** -18.63 dBm / 3 kHz **Limit:** 8 dBm / 3 kHz



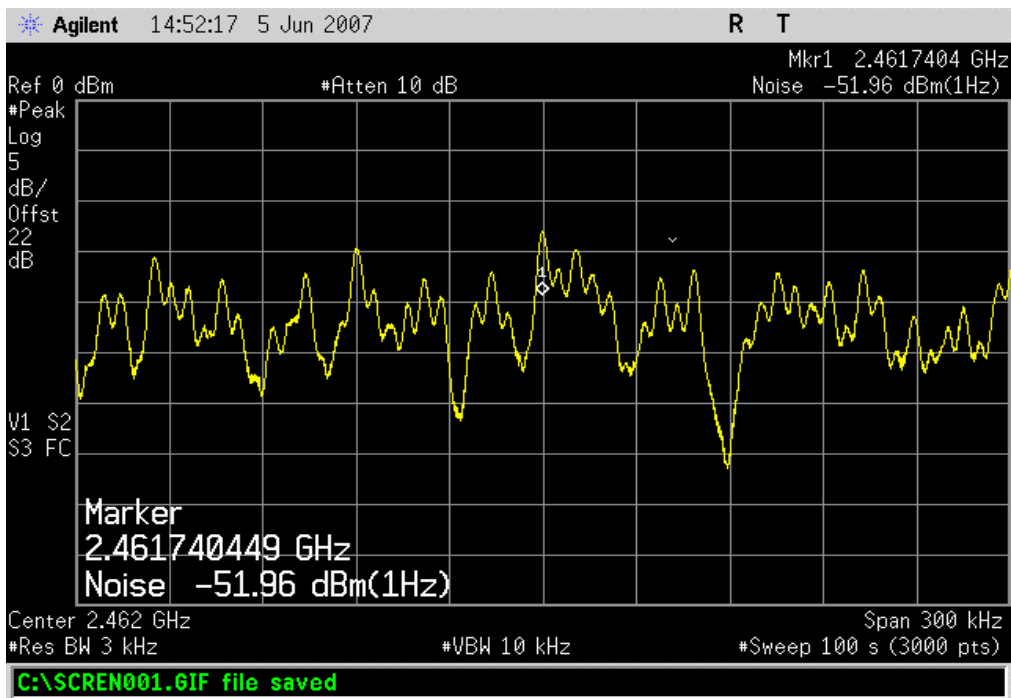
802.11(b), 11Mbps, Low
Result: Pass **Value:** -18.6 dBm / 3 kHz **Limit:** 8 dBm / 3 kHz



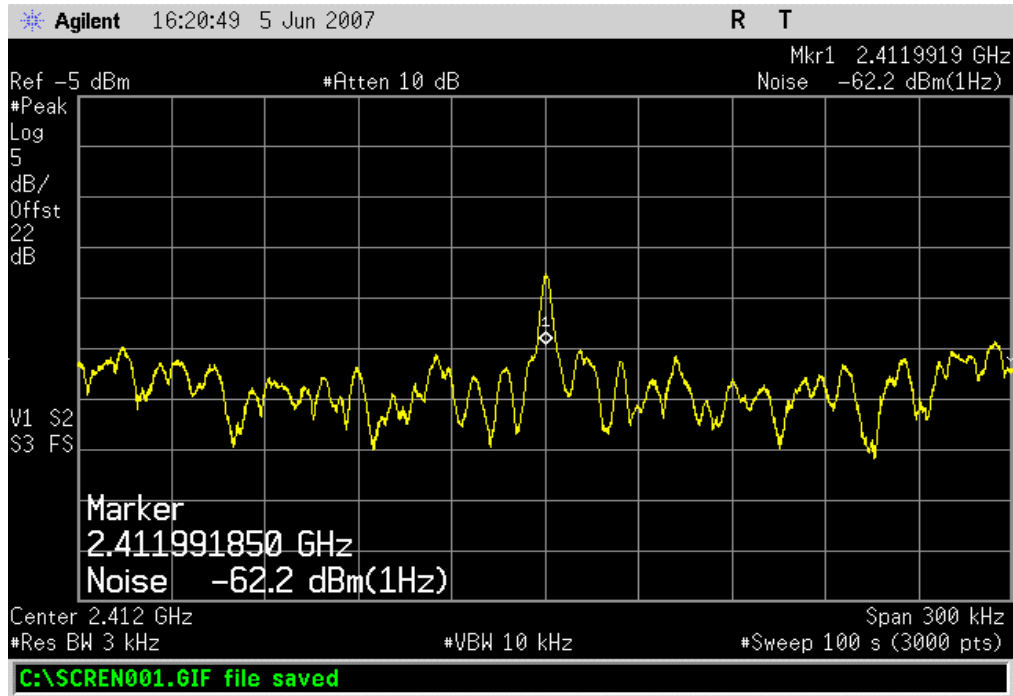
802.11(b), 11Mbps, Mid
Result: Pass **Value:** -17.68 dBm / 3 kHz **Limit:** 8 dBm / 3 kHz



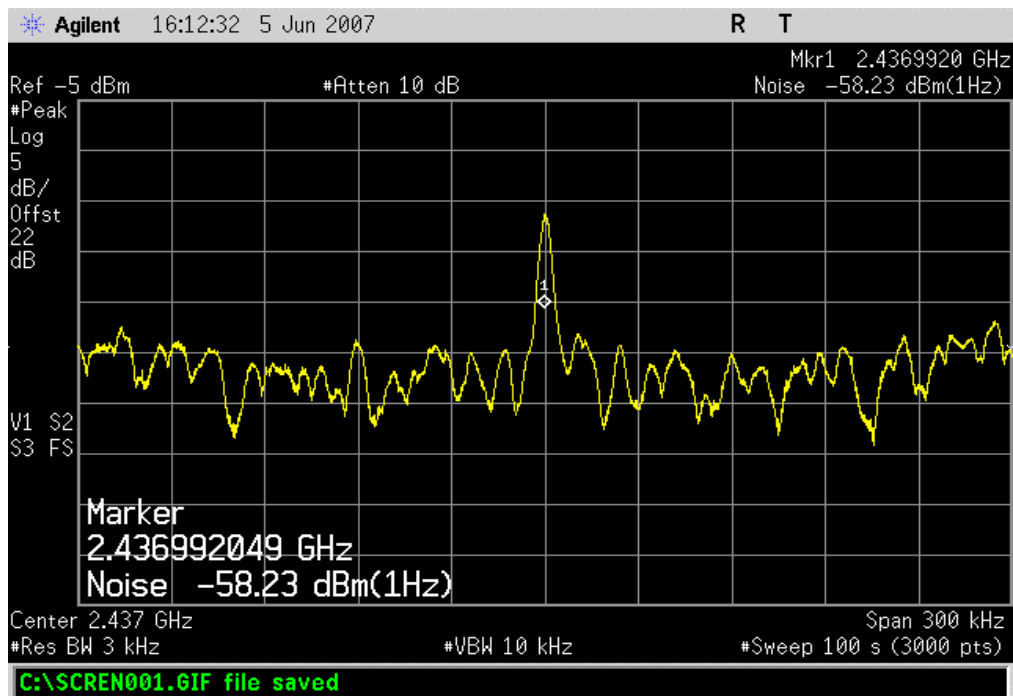
802.11(b), 11Mbps, High
Result: Pass **Value:** -17.16 dBm / 3 kHz **Limit:** 8 dBm / 3 kHz



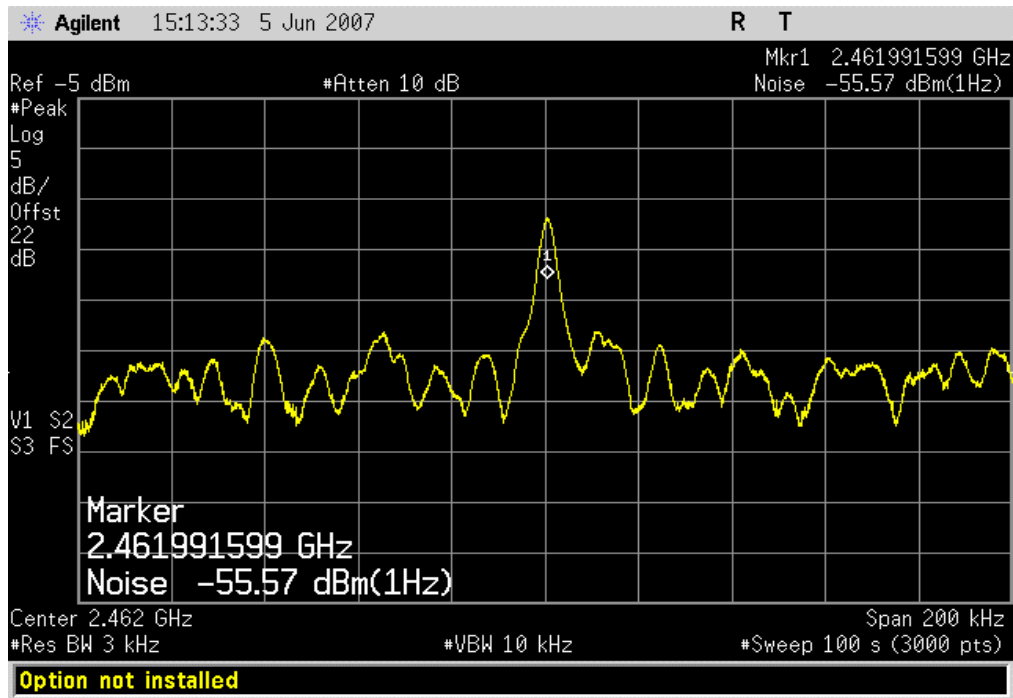
802.11(g), 6Mbps, Low
Result: Pass **Value:** -27.7 dBm / 3 kHz **Limit:** 8 dBm / 3 kHz



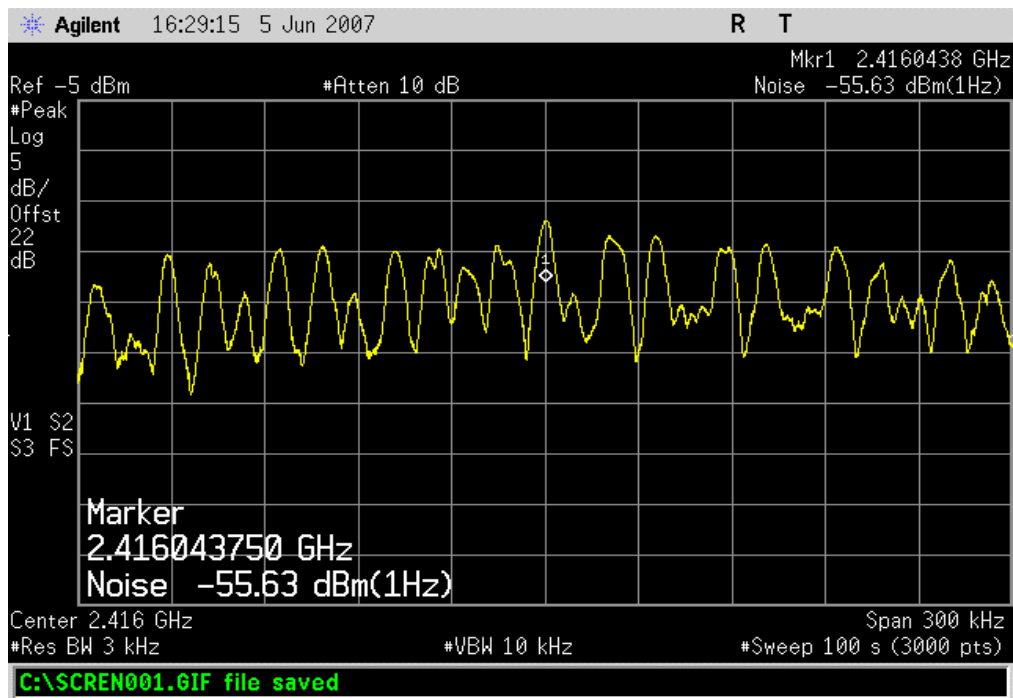
802.11(g), 6Mbps, Mid
Result: Pass **Value:** -23.43 dBm / 3 kHz **Limit:** 8 dBm / 3 kHz



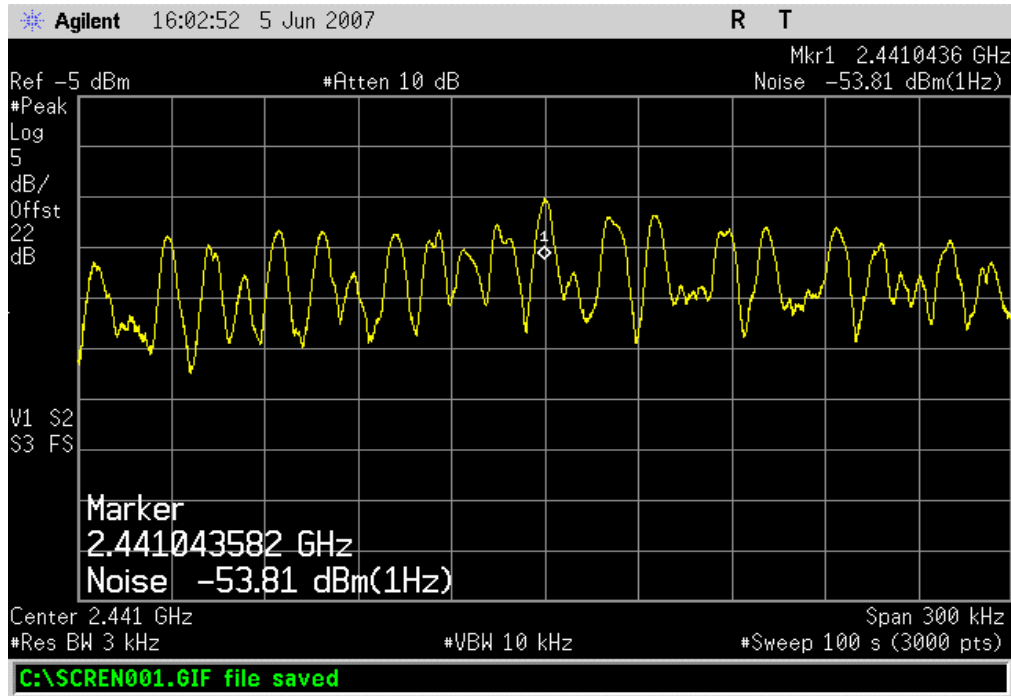
802.11(g), 6Mbps, High
Result: Pass **Value:** -20.77 dBm / 3 kHz **Limit:** 8 dBm / 3 kHz



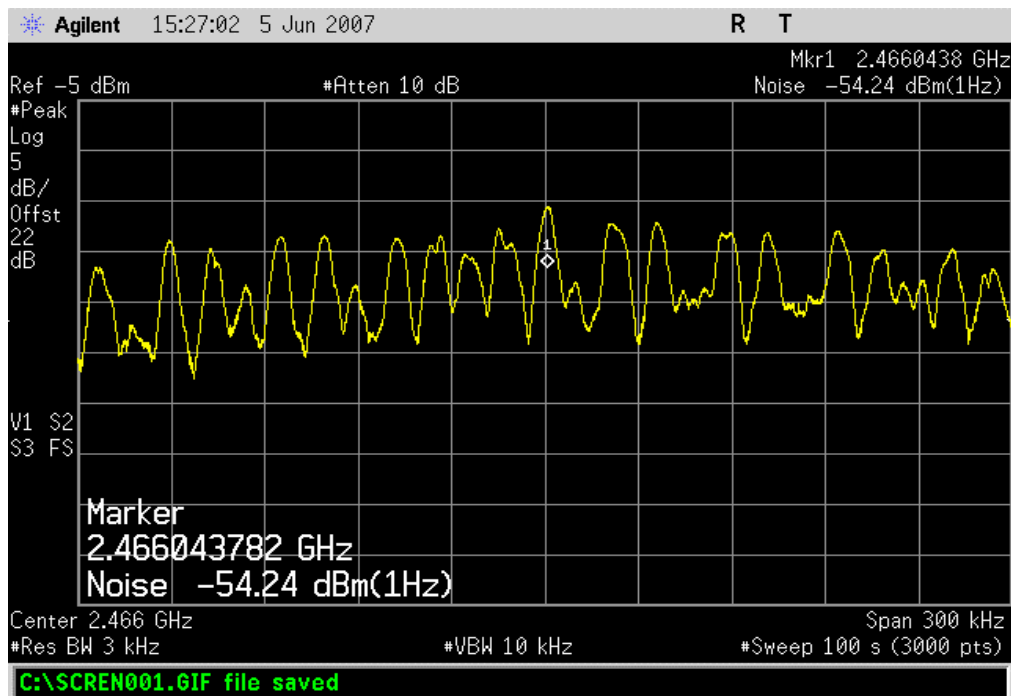
802.11(g), 36Mbps, Low
Result: Pass **Value:** -20.83 dBm / 3 kHz **Limit:** 8 dBm / 3 kHz



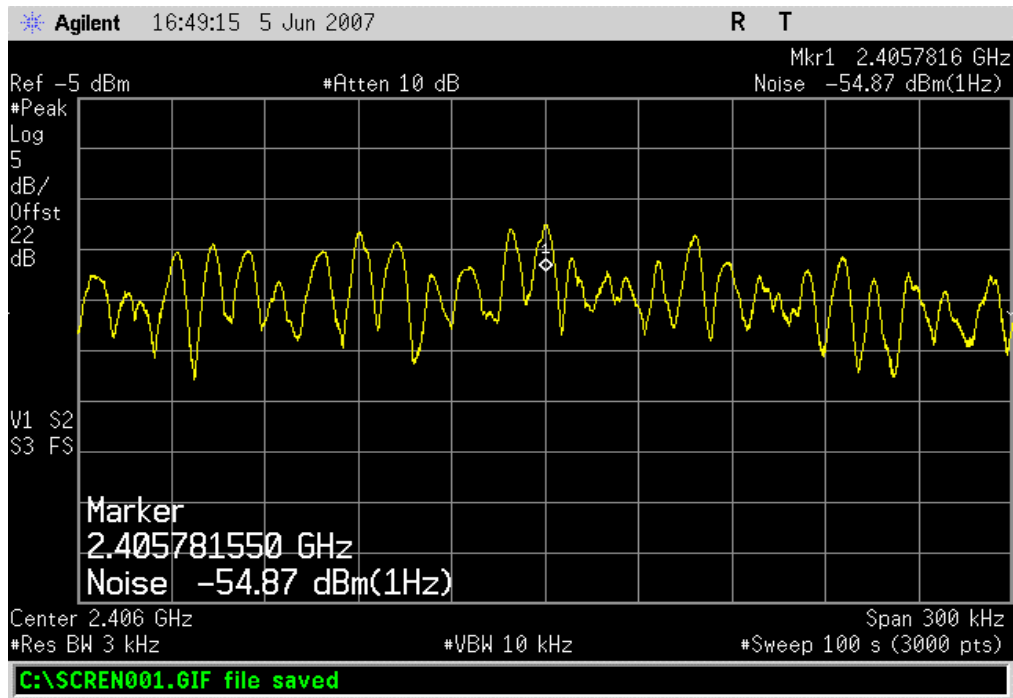
802.11(g), 36Mbps, Mid
Result: Pass **Value:** -19.01 dBm / 3 kHz **Limit:** 8 dBm / 3 kHz



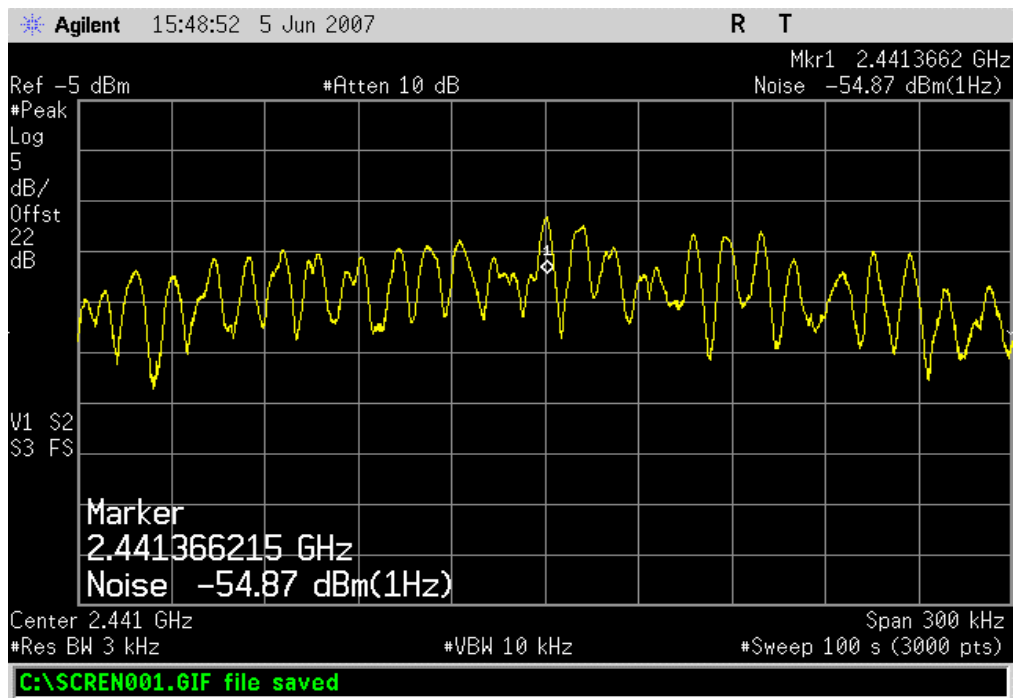
802.11(g), 36Mbps, High
Result: Pass **Value:** -19.44 dBm / 3 kHz **Limit:** 8 dBm / 3 kHz



802.11(g), 54Mbps, Low
Result: Pass **Value:** -20.07 dBm / 3 kHz **Limit:** 8 dBm / 3 kHz



802.11(g), 54Mbps, Mid
Result: Pass **Value:** -20.07 dBm / 3 kHz **Limit:** 8 dBm / 3 kHz

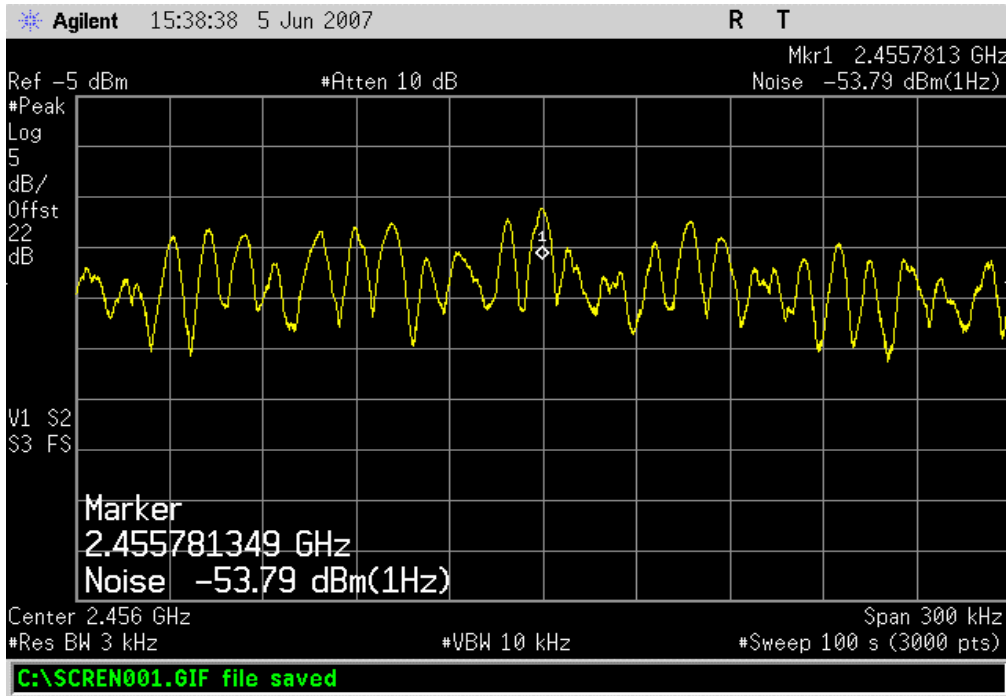


802.11(g), 54Mbps, High

Result: Pass

Value: -18.99 dBm / 3 kHz

Limit: 8 dBm / 3 kHz





Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

MODES OF OPERATION

Continuous Tx 802.11(b), 6Mbps. High Channel 11
Continuous Tx 802.11(b), 6Mbps. mid Channel 6
Continuous Tx 802.11(b), 6Mbps. Low Channel 1
Continuous Tx 802.11(g), 1Mbps. High Channel 11
Continuous Tx 802.11(g), 1Mbps. mid Channel 6
Continuous Tx 802.11(g), 1Mbps. Low Channel 1

POWER SETTINGS INVESTIGATED

120V/60Hz

SAMPLE CALCULATIONS

Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator

TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Interval
EV07 cable d			EVG	4/17/2007	13
LISN	Solar	9252-50-R-24-BNC	LIQ	12/20/2006	13
Attenuator	Tektronix	011-0059-02	ATC	12/27/2006	13
High Pass Filter	TTE	H97-100K-50-720B	HFX	8/22/2006	13
Receiver	Rohde & Schwartz	ESCI	ARG	12/7/2006	13

MEASUREMENT BANDWIDTHS

	Frequency Range (MHz)	Peak Data (kHz)	Quasi-Peak Data (kHz)	Average Data (kHz)
	0.01 - 0.15	1.0	0.2	0.2
	0.15 - 30.0	10.0	9.0	9.0
	30.0 - 1000	100.0	120.0	120.0
	Above 1000	1000.0	N/A	1000.0


Measurements were made using the bandwidths and detectors specified. No video filter was used.

MEASUREMENT UNCERTAINTY

Measurement uncertainty is used to reflect the accuracy of the measured result as compared with its "true" or theoretically correct value. Our measurement data meets or exceeds the measurement uncertainty requirements of CISPR 16-4. In the case of transient tests our test equipment has been demonstrated by calibration to provide at least a 95% confidence that it complies with the test specification requirements. The measurement uncertainty for any test is available upon request.

TEST DESCRIPTION

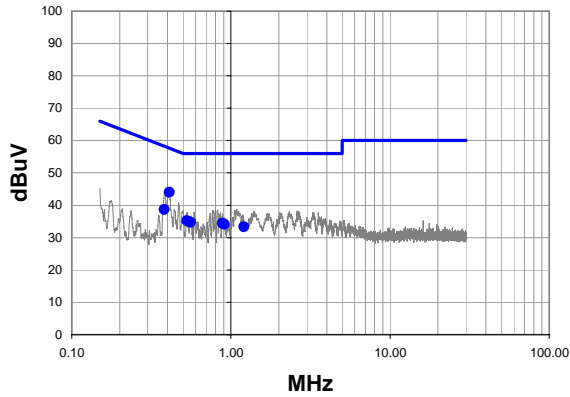
Using the mode of operation and configuration noted within this report, conducted emissions tests were performed. The frequency range investigated (scanned), is also noted in this report. Conducted power line measurements are made, unless otherwise specified, over the frequency range from 150 kHz to 30 MHz to determine the line-to-ground radio-noise voltage that is conducted from the EUT power-input terminals that are directly (or indirectly via separate transformer or power supplies) connected to a public power network. Equipment is tested with power cords that are normally used or that have electrical or shielding characteristics that are the same as those cords normally used. Typically those measurements are made using a LISN (Line Impedance Stabilization Network), the 50 Ω measuring port is terminated by a 50 Ω EMI meter or a 50 Ω resistive load. All 50 Ω measuring ports of the LISN are terminated by 50 Ω .

Work Order:	TPRO0034	Date:	06/28/07	
Project:	None	Temperature:	23° C	
Job Site:	EV07	Humidity:	40	
Serial Number:	Unknown	Barometric Pres.:	29.98	
EUT:	USI WM-G-MR-05 in Eagle			
Configuration:	3 - Spurious Radiated Emissions - 802.11			
Customer:	Tripod Data Systems, Inc.			
Attendees:	None			
EUT Power:	120V/60Hz			
Operating Mode:	Continuous Tx 802.11(b), 1Mbps. Low Channel 1			
Deviations:	No deviations.			
Comments:	None			

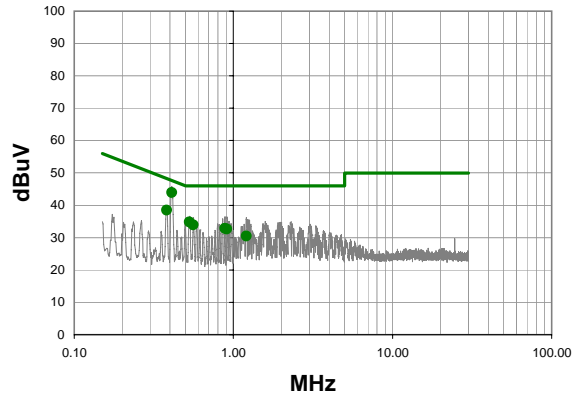
Test Specifications FCC 15.207:2006	Test Method ANSI C63.4:2003
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Run #	1	Line:	High Line	Ext. Attenuation:	20	Results	Pass
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Quasi Peak Data - vs - Quasi Peak Limit



Average Data - vs - Average Limit




Quasi Peak Data - vs - Quasi Peak Limit

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted	Spec. Limit	Compared to Spec. (dB)
0.410	23.1	0.9	44.0	57.6	-13.7
0.381	17.8	0.9	38.7	58.3	-19.6
0.529	14.4	0.8	35.2	56.0	-20.8
0.560	13.9	0.8	34.7	56.0	-21.3
0.884	13.8	0.6	34.4	56.0	-21.6
0.912	13.6	0.6	34.2	56.0	-21.8
1.208	12.8	0.5	33.3	56.0	-22.7

Average Data - vs - Average Limit

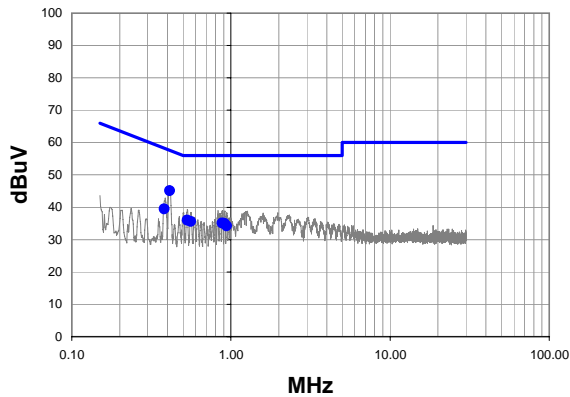
Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted	Spec. Limit	Compared to Spec. (dB)
0.410	23.0	0.9	43.9	47.6	-3.8
0.381	17.6	0.9	38.5	48.3	-9.8
0.529	14.0	0.8	34.8	46.0	-11.2
0.560	13.2	0.8	34.0	46.0	-12.0
0.884	12.3	0.6	32.9	46.0	-13.1
0.912	12.1	0.6	32.7	46.0	-13.3
1.208	10.0	0.5	30.5	46.0	-15.5

Work Order:	TPRO0034	Date:	06/28/07	 Tested by: Kyle Holgate
Project:	None	Temperature:	23° C	
Job Site:	EV07	Humidity:	40	
Serial Number:	Unknown	Barometric Pres.:	29.98	
EUT:	USI WM-G-MR-05 in Eagle			
Configuration:	3 - Spurious Radiated Emissions - 802.11			
Customer:	Tripod Data Systems, Inc.			
Attendees:	None			
EUT Power:	120V/60Hz			
Operating Mode:	Continuous Tx 802.11(b), 1Mbps. Low Channel 1			
Deviations:	No deviations.			
Comments:	None			

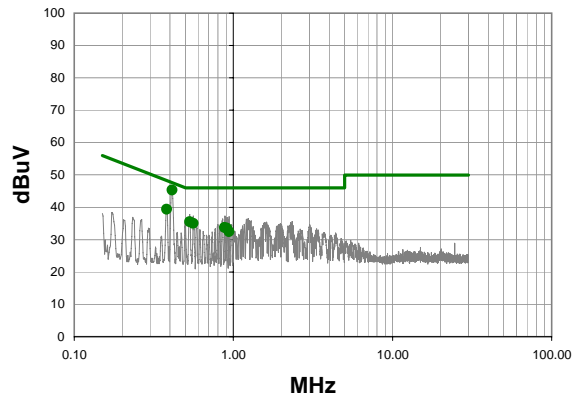
Test Specifications FCC 15.207:2006	Test Method ANSI C63.4:2003
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Run #	2	Line:	Neutral	Ext. Attenuation:	20	Results	Pass
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Quasi Peak Data - vs - Quasi Peak Limit



Average Data - vs - Average Limit




Quasi Peak Data - vs - Quasi Peak Limit

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted	Spec. Limit	Compared to Spec. (dB)
0.412	24.2	0.9	45.1	57.6	-12.5
0.381	18.6	0.9	39.5	58.3	-18.8
0.531	15.2	0.8	36.0	56.0	-20.0
0.560	14.8	0.8	35.6	56.0	-20.4
0.882	14.5	0.6	35.1	56.0	-20.9
0.911	14.5	0.6	35.1	56.0	-20.9
0.940	13.7	0.5	34.2	56.0	-21.8

Average Data - vs - Average Limit

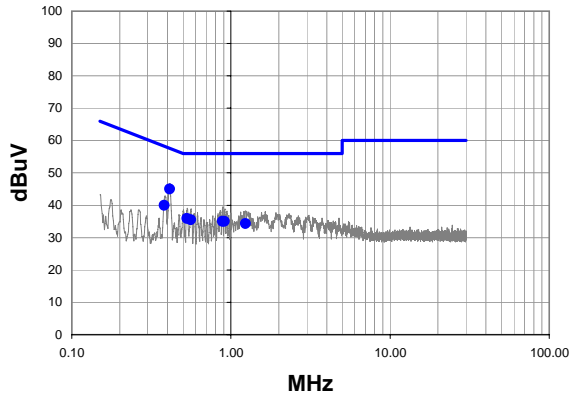
Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted	Spec. Limit	Compared to Spec. (dB)
0.412	24.4	0.9	45.3	47.6	-2.3
0.381	18.5	0.9	39.4	48.3	-8.9
0.531	14.7	0.8	35.5	46.0	-10.5
0.560	14.2	0.8	35.0	46.0	-11.0
0.882	13.2	0.6	33.8	46.0	-12.2
0.911	13.0	0.6	33.6	46.0	-12.4
0.940	11.9	0.5	32.4	46.0	-13.6

Work Order:	TPRO0034	Date:	06/28/07	 Tested by: Kyle Holgate
Project:	None	Temperature:	23° C	
Job Site:	EV07	Humidity:	40	
Serial Number:	Unknown	Barometric Pres.:	29.98	
EUT:	USI WM-G-MR-05 in Eagle			
Configuration:	3 - Spurious Radiated Emissions - 802.11			
Customer:	Tripod Data Systems, Inc.			
Attendees:	None			
EUT Power:	120V/60Hz			
Operating Mode:	Continuous Tx 802.11(b), 1Mbps. mid Channel 6			
Deviations:	No deviations.			
Comments:	None			

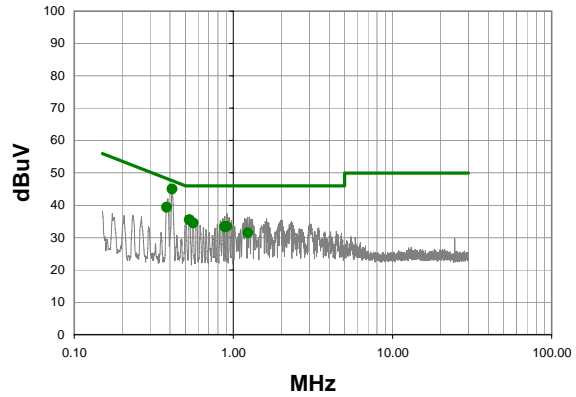
Test Specifications FCC 15.207:2006	Test Method ANSI C63.4:2003
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Run #	3	Line:	Neutral	Ext. Attenuation:	20	Results	Pass
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Quasi Peak Data - vs - Quasi Peak Limit



Average Data - vs - Average Limit




Quasi Peak Data - vs - Quasi Peak Limit

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted	Spec. Limit	Compared to Spec. (dB)
0.412	24.1	0.9	45.0	57.6	-12.6
0.382	19.1	0.9	40.0	58.2	-18.2
0.529	15.1	0.8	35.9	56.0	-20.1
0.560	14.7	0.8	35.5	56.0	-20.5
0.910	14.5	0.6	35.1	56.0	-20.9
0.885	14.4	0.6	35.0	56.0	-21.0
1.236	13.8	0.5	34.3	56.0	-21.7

Average Data - vs - Average Limit

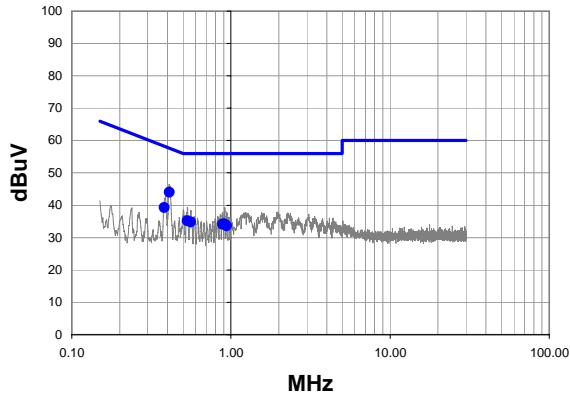
Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted	Spec. Limit	Compared to Spec. (dB)
0.412	24.1	0.9	45.0	47.6	-2.6
0.382	18.5	0.9	39.4	48.2	-8.8
0.529	14.7	0.8	35.5	46.0	-10.5
0.560	13.7	0.8	34.5	46.0	-11.5
0.910	12.9	0.6	33.5	46.0	-12.5
0.885	12.8	0.6	33.4	46.0	-12.6
1.236	11.0	0.5	31.5	46.0	-14.5

Work Order:	TPRO0034	Date:	06/28/07	
Project:	None	Temperature:	23° C	
Job Site:	EV07	Humidity:	40	
Serial Number:	Unknown	Barometric Pres.:	29.98	
				Tested by: Kyle Holgate
EUT:	USI WM-G-MR-05 in Eagle			
Configuration:	3 - Spurious Radiated Emissions - 802.11			
Customer:	Tripod Data Systems, Inc.			
Attendees:	None			
EUT Power:	120V/60Hz			
Operating Mode:	Continuous Tx 802.11(g), 1Mbps. mid Channel 6			
Deviations:	No deviations.			
Comments:	None			

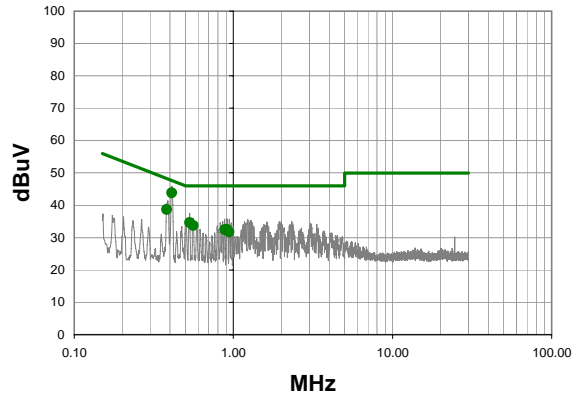
Test Specifications FCC 15.207:2006	Test Method ANSI C63.4:2003
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Run #	4	Line: High Line	Ext. Attenuation: 20	Results	Pass
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Quasi Peak Data - vs - Quasi Peak Limit



Average Data - vs - Average Limit




Quasi Peak Data - vs - Quasi Peak Limit

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted	Spec. Limit	Compared to Spec. (dB)
0.410	23.1	0.9	44.0	57.6	-13.7
0.382	18.4	0.9	39.3	58.2	-18.9
0.531	14.4	0.8	35.2	56.0	-20.8
0.560	14.0	0.8	34.8	56.0	-21.2
0.910	13.7	0.6	34.3	56.0	-21.7
0.885	13.6	0.6	34.2	56.0	-21.8
0.940	13.1	0.5	33.6	56.0	-22.4

Average Data - vs - Average Limit

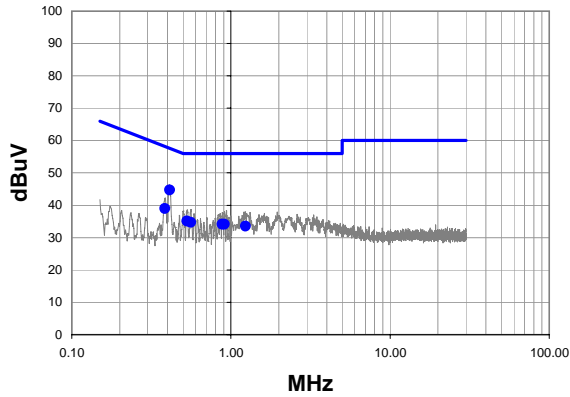
Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted	Spec. Limit	Compared to Spec. (dB)
0.410	22.9	0.9	43.8	47.6	-3.9
0.382	17.8	0.9	38.7	48.2	-9.5
0.531	13.8	0.8	34.6	46.0	-11.4
0.560	13.0	0.8	33.8	46.0	-12.2
0.910	12.0	0.6	32.6	46.0	-13.4
0.885	11.9	0.6	32.5	46.0	-13.5
0.940	11.2	0.5	31.7	46.0	-14.3

Work Order:	TPRO0034	Date:	06/28/07	 Tested by: Kyle Holgate
Project:	None	Temperature:	23° C	
Job Site:	EV07	Humidity:	40	
Serial Number:	Unknown	Barometric Pres.:	29.98	
EUT:	USI WM-G-MR-05 in Eagle			
Configuration:	3 - Spurious Radiated Emissions - 802.11			
Customer:	Tripod Data Systems, Inc.			
Attendees:	None			
EUT Power:	120V/60Hz			
Operating Mode:	Continuous Tx 802.11(g), 1Mbps. High Channel 11			
Deviations:	No deviations.			
Comments:	None			

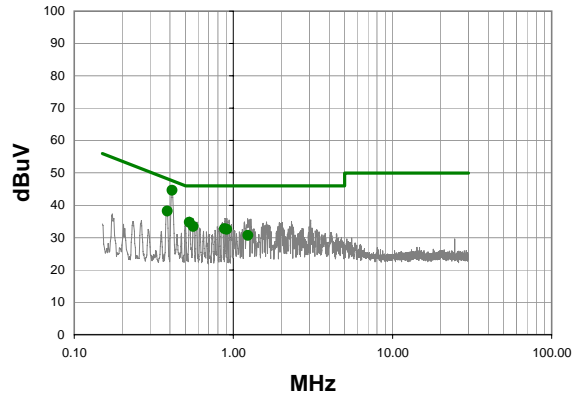
Test Specifications FCC 15.207:2006	Test Method ANSI C63.4:2003
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Run #	5	Line:	High Line	Ext. Attenuation:	20	Results	Pass
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Quasi Peak Data - vs - Quasi Peak Limit



Average Data - vs - Average Limit




Quasi Peak Data - vs - Quasi Peak Limit

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted	Spec. Limit	Compared to Spec. (dB)
0.412	23.8	0.9	44.7	57.6	-12.9
0.385	18.1	0.9	39.0	58.2	-19.2
0.529	14.3	0.8	35.1	56.0	-20.9
0.560	13.9	0.8	34.7	56.0	-21.3
0.882	13.6	0.6	34.2	56.0	-21.8
0.910	13.6	0.6	34.2	56.0	-21.8
1.236	13.0	0.5	33.5	56.0	-22.5

Average Data - vs - Average Limit

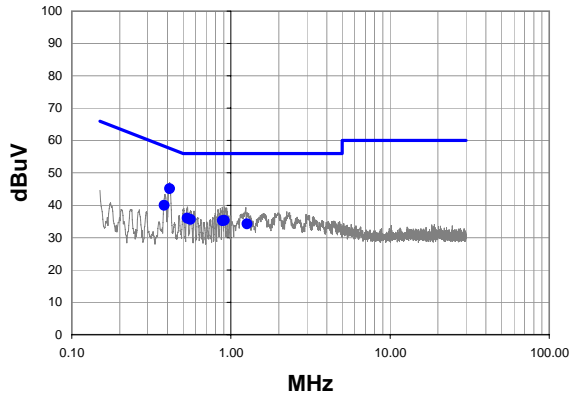
Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted	Spec. Limit	Compared to Spec. (dB)
0.412	23.7	0.9	44.6	47.6	-3.0
0.385	17.3	0.9	38.2	48.2	-10.0
0.529	13.9	0.8	34.7	46.0	-11.3
0.560	12.7	0.8	33.5	46.0	-12.5
0.882	12.2	0.6	32.8	46.0	-13.2
0.910	12.0	0.6	32.6	46.0	-13.4
1.236	10.2	0.5	30.7	46.0	-15.3

Work Order:	TPRO0034	Date:	06/28/07	
Project:	None	Temperature:	23° C	
Job Site:	EV07	Humidity:	40	
Serial Number:	Unknown	Barometric Pres.:	29.98	
EUT:	USI WM-G-MR-05 in Eagle			
Configuration:	3 - Spurious Radiated Emissions - 802.11			
Customer:	Tripod Data Systems, Inc.			
Attendees:	None			
EUT Power:	120V/60Hz			
Operating Mode:	Continuous Tx 802.11(g), 1Mbps. High Channel 11			
Deviations:	No deviations.			
Comments:	None			

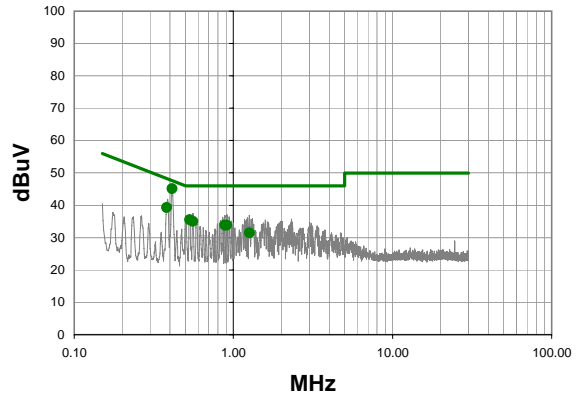
Test Specifications FCC 15.207:2006	Test Method ANSI C63.4:2003
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Run #	6	Line:	Neutral	Ext. Attenuation:	20	Results	Pass
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Quasi Peak Data - vs - Quasi Peak Limit



Average Data - vs - Average Limit




Quasi Peak Data - vs - Quasi Peak Limit

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted	Spec. Limit	Compared to Spec. (dB)
0.412	24.2	0.9	45.1	57.6	-12.5
0.382	19.1	0.9	40.0	58.2	-18.2
0.531	15.2	0.8	36.0	56.0	-20.0
0.558	14.8	0.8	35.6	56.0	-20.4
0.912	14.8	0.6	35.4	56.0	-20.6
0.884	14.6	0.6	35.2	56.0	-20.8
1.264	13.7	0.5	34.2	56.0	-21.8

Average Data - vs - Average Limit

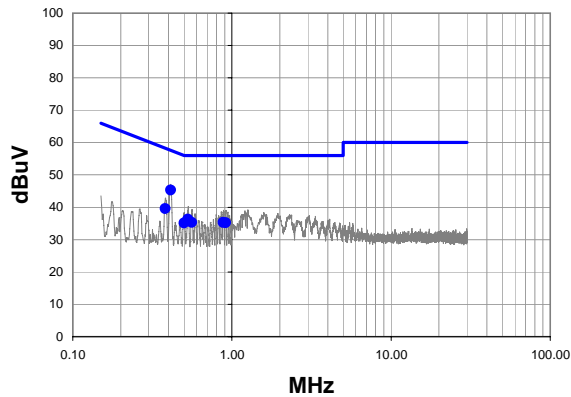
Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted	Spec. Limit	Compared to Spec. (dB)
0.412	24.2	0.9	45.1	47.6	-2.5
0.382	18.4	0.9	39.3	48.2	-8.9
0.531	14.7	0.8	35.5	46.0	-10.5
0.558	14.2	0.8	35.0	46.0	-11.0
0.884	13.3	0.6	33.9	46.0	-12.1
0.912	13.3	0.6	33.9	46.0	-12.1
1.264	11.0	0.5	31.5	46.0	-14.5

Work Order:	TPRO0034	Date:	06/28/07	
Project:	None	Temperature:	23° C	
Job Site:	EV07	Humidity:	40	
Serial Number:	Unknown	Barometric Pres.:	29.98	
EUT:	USI WM-G-MR-05 in Eagle			
Configuration:	3 - Spurious Radiated Emissions - 802.11			
Customer:	Tripod Data Systems, Inc.			
Attendees:	None			
EUT Power:	120V/60Hz			
Operating Mode:	Continuous Tx 802.11(g), 6Mbps. Low Channel 1			
Deviations:	No deviations.			
Comments:	None			

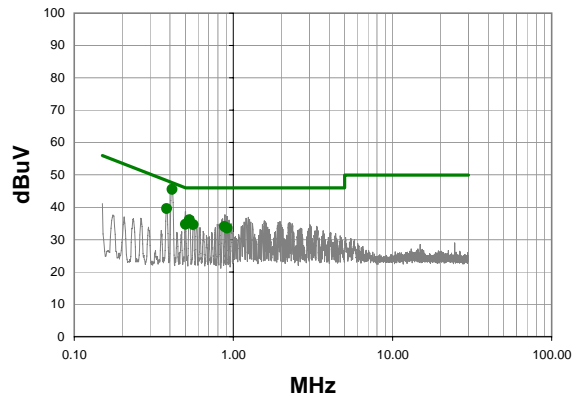
Test Specifications FCC 15.207:2006	Test Method ANSI C63.4:2003
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Run #	7	Line:	Neutral	Ext. Attenuation:	20	Results	Pass
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Quasi Peak Data - vs - Quasi Peak Limit



Average Data - vs - Average Limit




Quasi Peak Data - vs - Quasi Peak Limit

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted	Spec. Limit	Compared to Spec. (dB)
0.412	24.4	0.9	45.3	57.6	-12.3
0.381	18.7	0.9	39.6	58.3	-18.7
0.530	15.5	0.8	36.3	56.0	-19.7
0.561	14.5	0.8	35.3	56.0	-20.7
0.882	14.7	0.6	35.3	56.0	-20.7
0.914	14.7	0.6	35.3	56.0	-20.7
0.500	14.3	0.8	35.1	56.0	-20.9

Average Data - vs - Average Limit

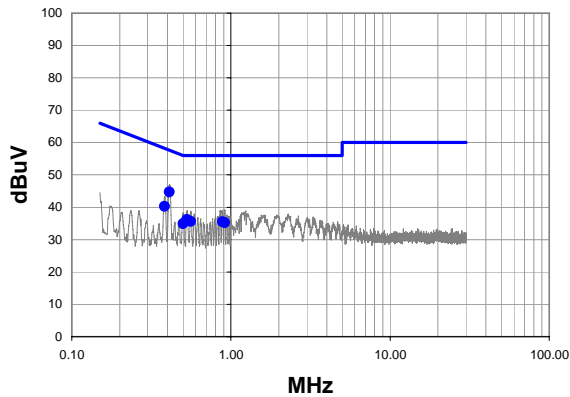
Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted	Spec. Limit	Compared to Spec. (dB)
0.412	24.6	0.9	45.5	47.6	-2.1
0.381	18.7	0.9	39.6	48.3	-8.7
0.530	15.3	0.8	36.1	46.0	-9.9
0.500	13.9	0.8	34.7	46.0	-11.3
0.561	13.8	0.8	34.6	46.0	-11.4
0.882	13.5	0.6	34.1	46.0	-11.9
0.914	13.0	0.6	33.6	46.0	-12.4

Work Order:	TPRO0034	Date:	06/28/07	
Project:	None	Temperature:	23° C	
Job Site:	EV07	Humidity:	40	
Serial Number:	Unknown	Barometric Pres.:	29.98	
EUT:	USI WM-G-MR-05 in Eagle			
Configuration:	3 - Spurious Radiated Emissions - 802.11			
Customer:	Tripod Data Systems, Inc.			
Attendees:	None			
EUT Power:	120V/60Hz			
Operating Mode:	Continuous Tx 802.11(g), 6Mbps. Low Channel 1			
Deviations:	No deviations.			
Comments:	None			

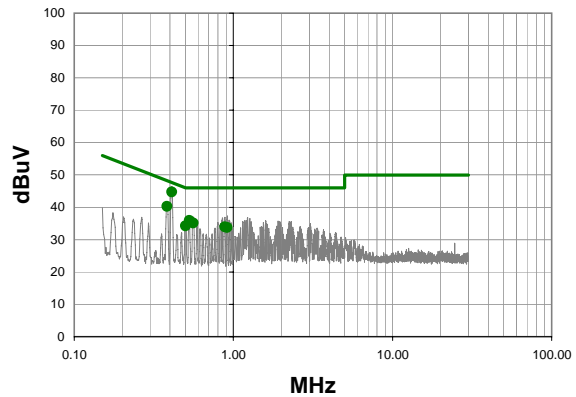
Test Specifications FCC 15.207:2006	Test Method ANSI C63.4:2003
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Run #	8	Line:	High Line	Ext. Attenuation:	20	Results	Pass
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Quasi Peak Data - vs - Quasi Peak Limit



Average Data - vs - Average Limit




Quasi Peak Data - vs - Quasi Peak Limit

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted	Spec. Limit	Compared to Spec. (dB)
0.410	23.8	0.9	44.7	57.6	-13.0
0.383	19.4	0.9	40.3	58.2	-17.9
0.529	15.4	0.8	36.2	56.0	-19.8
0.560	14.8	0.8	35.6	56.0	-20.4
0.884	14.9	0.6	35.5	56.0	-20.5
0.913	14.7	0.6	35.3	56.0	-20.7
0.502	14.1	0.8	34.9	56.0	-21.1

Average Data - vs - Average Limit

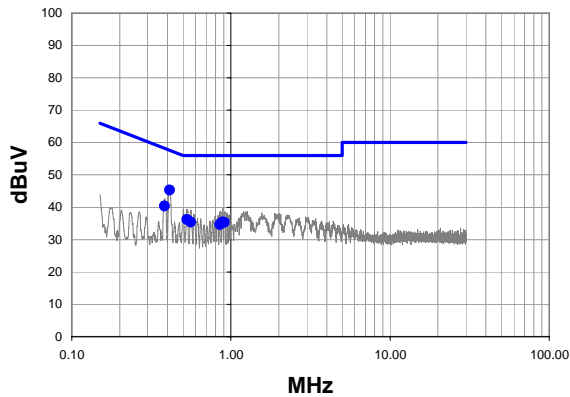
Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted	Spec. Limit	Compared to Spec. (dB)
0.410	23.8	0.9	44.7	47.6	-3.0
0.383	19.4	0.9	40.3	48.2	-7.9
0.529	15.1	0.8	35.9	46.0	-10.1
0.560	14.3	0.8	35.1	46.0	-10.9
0.502	13.4	0.8	34.2	46.0	-11.8
0.884	13.4	0.6	34.0	46.0	-12.0
0.913	13.2	0.6	33.8	46.0	-12.2

Work Order:	TPRO0034	Date:	06/28/07	 Tested by: Kyle Holgate
Project:	None	Temperature:	23° C	
Job Site:	EV07	Humidity:	40	
Serial Number:	Unknown	Barometric Pres.:	29.98	
EUT:	USI WM-G-MR-05 in Eagle			
Configuration:	3 - Spurious Radiated Emissions - 802.11			
Customer:	Tripod Data Systems, Inc.			
Attendees:	None			
EUT Power:	120V/60Hz			
Operating Mode:	Continuous Tx 802.11(g), 6Mbps. mid Channel 6			
Deviations:	No deviations.			
Comments:	None			

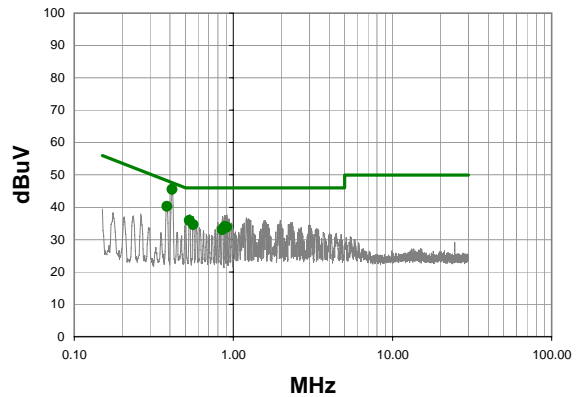
Test Specifications FCC 15.207:2006	Test Method ANSI C63.4:2003
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Run #	9	Line:	Neutral	Ext. Attenuation:	20	Results	Pass
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Quasi Peak Data - vs - Quasi Peak Limit



Average Data - vs - Average Limit




Quasi Peak Data - vs - Quasi Peak Limit

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted	Spec. Limit	Compared to Spec. (dB)
0.412	24.4	0.9	45.3	57.6	-12.3
0.383	19.5	0.9	40.4	58.2	-17.8
0.529	15.4	0.8	36.2	56.0	-19.8
0.561	14.6	0.8	35.4	56.0	-20.6
0.884	14.8	0.6	35.4	56.0	-20.6
0.912	14.8	0.6	35.4	56.0	-20.6
0.855	14.0	0.6	34.6	56.0	-21.4

Average Data - vs - Average Limit

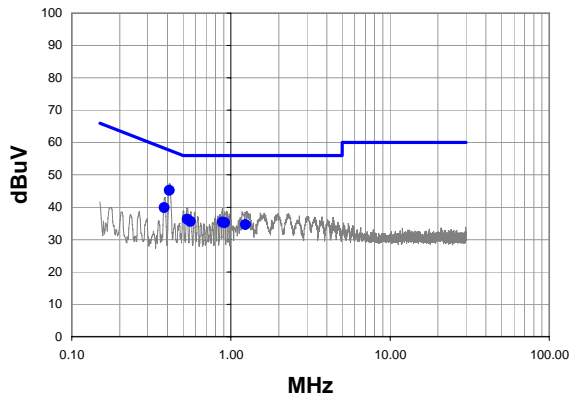
Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted	Spec. Limit	Compared to Spec. (dB)
0.412	24.6	0.9	45.5	47.6	-2.1
0.383	19.4	0.9	40.3	48.2	-7.9
0.529	15.1	0.8	35.9	46.0	-10.1
0.561	13.8	0.8	34.6	46.0	-11.4
0.884	13.5	0.6	34.1	46.0	-11.9
0.912	13.3	0.6	33.9	46.0	-12.1
0.855	12.4	0.6	33.0	46.0	-13.0

Work Order:	TPRO0034	Date:	06/28/07	
Project:	None	Temperature:	23° C	
Job Site:	EV07	Humidity:	40	
Serial Number:	Unknown	Barometric Pres.:	29.98	
EUT:	USI WM-G-MR-05 in Eagle			
Configuration:	3 - Spurious Radiated Emissions - 802.11			
Customer:	Tripod Data Systems, Inc.			
Attendees:	None			
EUT Power:	120V/60Hz			
Operating Mode:	Continuous Tx 802.11(g), 6Mbps. mid Channel 6			
Deviations:	No deviations.			
Comments:	None			

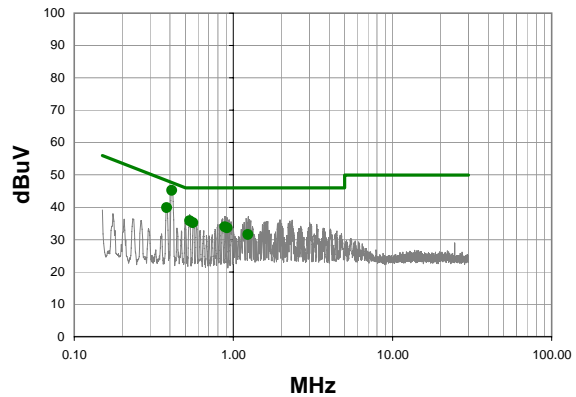
Test Specifications FCC 15.207:2006	Test Method ANSI C63.4:2003
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Run #	10	Line:	High Line	Ext. Attenuation:	20	Results	Pass
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Quasi Peak Data - vs - Quasi Peak Limit



Average Data - vs - Average Limit




Quasi Peak Data - vs - Quasi Peak Limit

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted	Spec. Limit	Compared to Spec. (dB)
0.410	24.3	0.9	45.2	57.6	-12.5
0.381	19.0	0.9	39.9	58.3	-18.4
0.531	15.5	0.8	36.3	56.0	-19.7
0.558	14.8	0.8	35.6	56.0	-20.4
0.884	14.8	0.6	35.4	56.0	-20.6
0.914	14.7	0.6	35.3	56.0	-20.7
1.236	14.1	0.5	34.6	56.0	-21.4

Average Data - vs - Average Limit

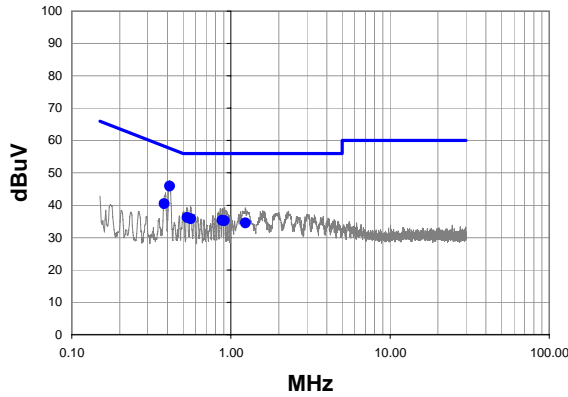
Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted	Spec. Limit	Compared to Spec. (dB)
0.410	24.3	0.9	45.2	47.6	-2.5
0.381	19.0	0.9	39.9	48.3	-8.4
0.531	15.0	0.8	35.8	46.0	-10.2
0.558	14.4	0.8	35.2	46.0	-10.8
0.884	13.4	0.6	34.0	46.0	-12.0
0.914	13.1	0.6	33.7	46.0	-12.3
1.236	11.1	0.5	31.6	46.0	-14.4

Work Order:	TPRO0034	Date:	06/28/07	 Tested by: Kyle Holgate
Project:	None	Temperature:	23° C	
Job Site:	EV07	Humidity:	40	
Serial Number:	Unknown	Barometric Pres.:	29.98	
EUT:	USI WM-G-MR-05 in Eagle			
Configuration:	3 - Spurious Radiated Emissions - 802.11			
Customer:	Tripod Data Systems, Inc.			
Attendees:	None			
EUT Power:	120V/60Hz			
Operating Mode:	Continuous Tx 802.11(g), 6Mbps. High Channel 11			
Deviations:	No deviations.			
Comments:	None			

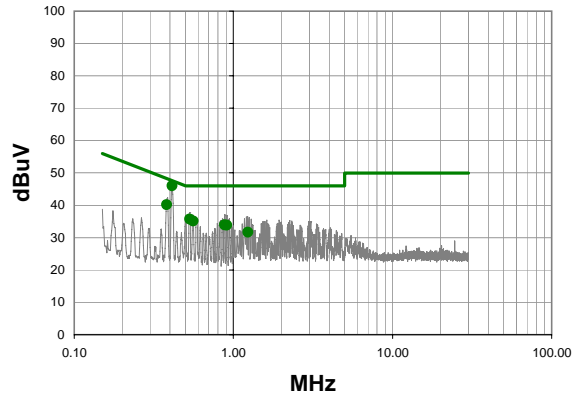
Test Specifications FCC 15.207:2006	Test Method ANSI C63.4:2003
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Run #	11	Line:	High Line	Ext. Attenuation:	20	Results	Pass
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Quasi Peak Data - vs - Quasi Peak Limit



Average Data - vs - Average Limit




Quasi Peak Data - vs - Quasi Peak Limit

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted	Spec. Limit	Compared to Spec. (dB)
0.412	25.0	0.9	45.9	57.6	-11.7
0.382	19.6	0.9	40.5	58.2	-17.7
0.531	15.4	0.8	36.2	56.0	-19.8
0.560	15.0	0.8	35.8	56.0	-20.2
0.883	14.7	0.6	35.3	56.0	-20.7
0.912	14.7	0.6	35.3	56.0	-20.7
1.236	14.0	0.5	34.5	56.0	-21.5

Average Data - vs - Average Limit

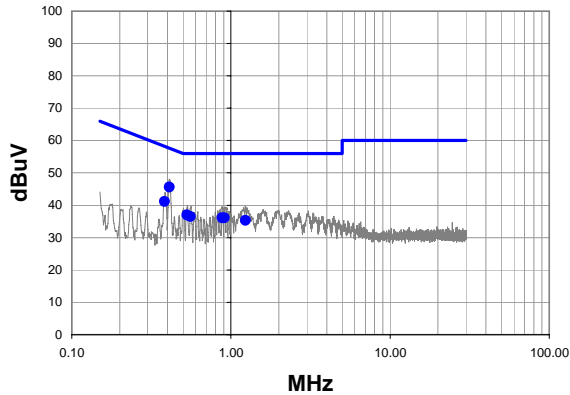
Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted	Spec. Limit	Compared to Spec. (dB)
0.412	25.1	0.9	46.0	47.6	-1.6
0.382	19.3	0.9	40.2	48.2	-8.0
0.531	14.9	0.8	35.7	46.0	-10.3
0.560	14.3	0.8	35.1	46.0	-10.9
0.883	13.4	0.6	34.0	46.0	-12.0
0.912	13.3	0.6	33.9	46.0	-12.1
1.236	11.2	0.5	31.7	46.0	-14.3

Work Order:	TPRO0034	Date:	06/28/07	 Tested by: Kyle Holgate
Project:	None	Temperature:	23° C	
Job Site:	EV07	Humidity:	40	
Serial Number:	Unknown	Barometric Pres.:	29.98	
EUT:	USI WM-G-MR-05 in Eagle			
Configuration:	3 - Spurious Radiated Emissions - 802.11			
Customer:	Tripod Data Systems, Inc.			
Attendees:	None			
EUT Power:	120V/60Hz			
Operating Mode:	Continuous Tx 802.11(g), 6Mbps. High Channel 11			
Deviations:	No deviations.			
Comments:	None			

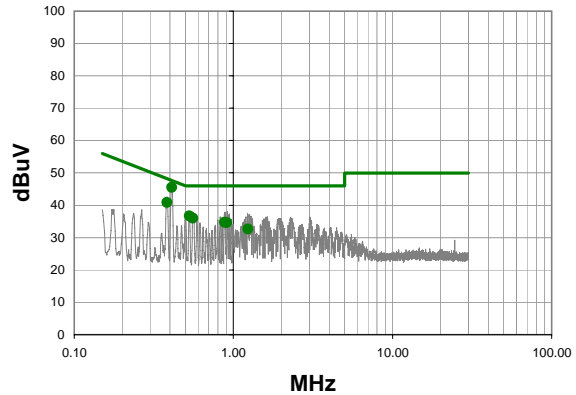
Test Specifications FCC 15.207:2006	Test Method ANSI C63.4:2003
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Run #	12	Line:	Neutral	Ext. Attenuation:	20	Results	Pass
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Quasi Peak Data - vs - Quasi Peak Limit



Average Data - vs - Average Limit



Quasi Peak Data - vs - Quasi Peak Limit

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted	Spec. Limit	Compared to Spec. (dB)
0.410	24.7	0.9	45.6	57.6	-12.1
0.383	20.3	0.9	41.2	58.2	-17.0
0.529	16.2	0.8	37.0	56.0	-19.0
0.558	15.7	0.8	36.5	56.0	-19.5
0.882	15.5	0.6	36.1	56.0	-19.9
0.911	15.5	0.6	36.1	56.0	-19.9
1.236	14.8	0.5	35.3	56.0	-20.7

Average Data - vs - Average Limit

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted	Spec. Limit	Compared to Spec. (dB)
0.410	24.6	0.9	45.5	47.6	-2.2
0.383	20.0	0.9	40.9	48.2	-7.3
0.529	15.9	0.8	36.7	46.0	-9.3
0.558	15.2	0.8	36.0	46.0	-10.0
0.882	14.1	0.6	34.7	46.0	-11.3
0.911	14.1	0.6	34.7	46.0	-11.3
1.236	12.1	0.5	32.6	46.0	-13.4

