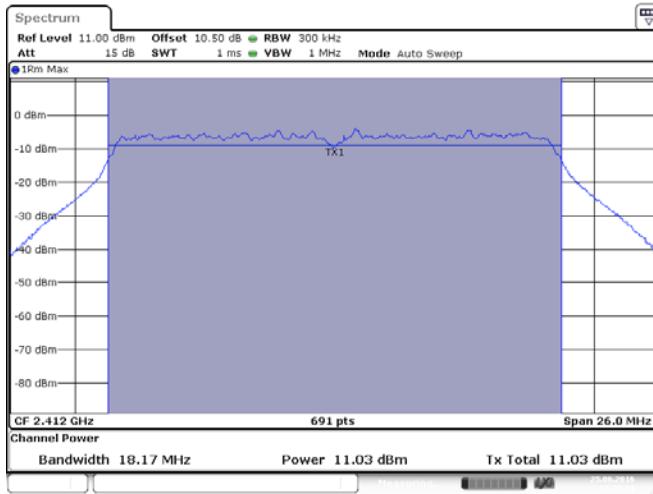
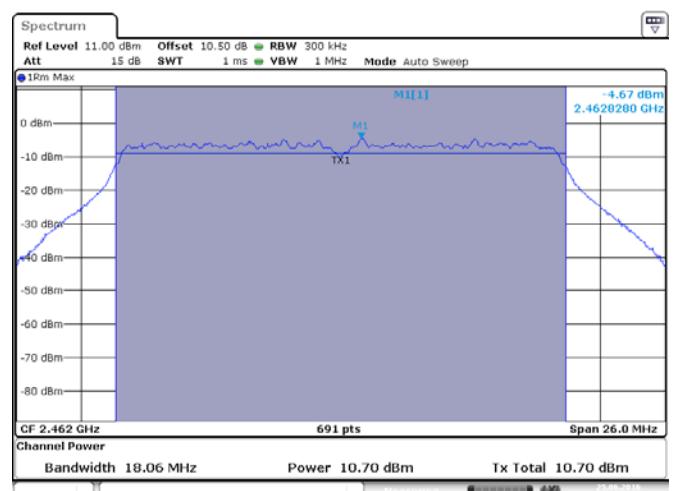
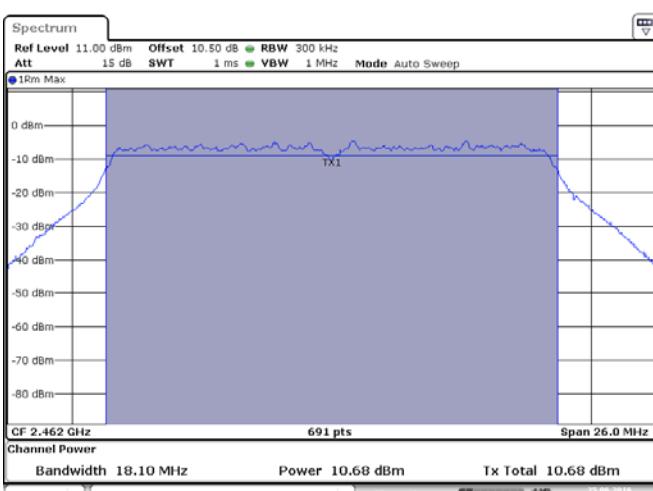
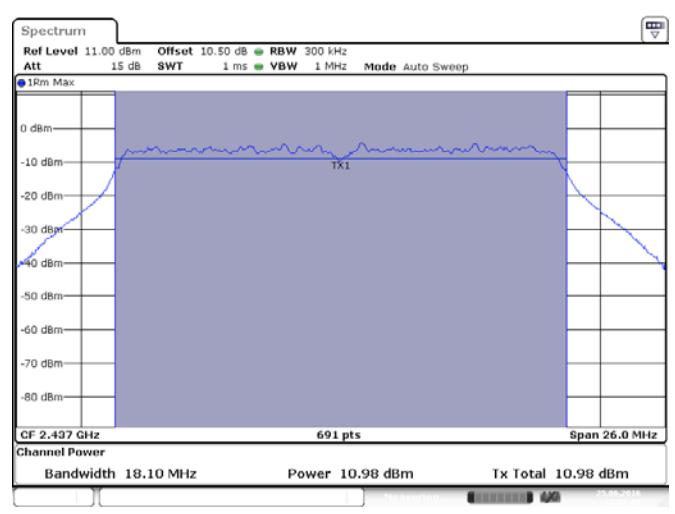
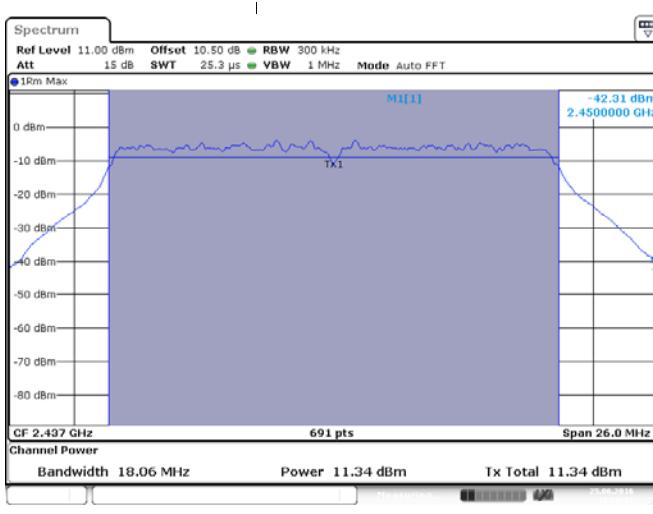
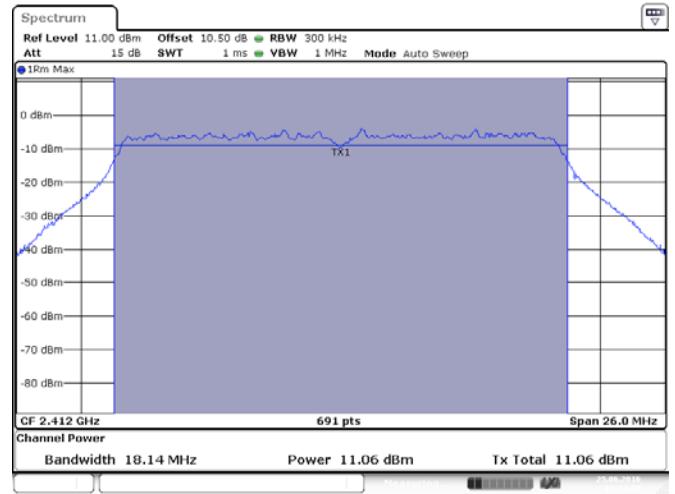


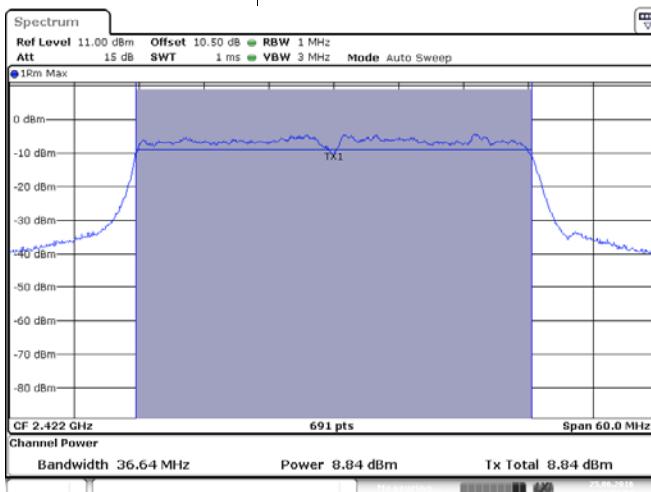
ANT 1(802.11n20)



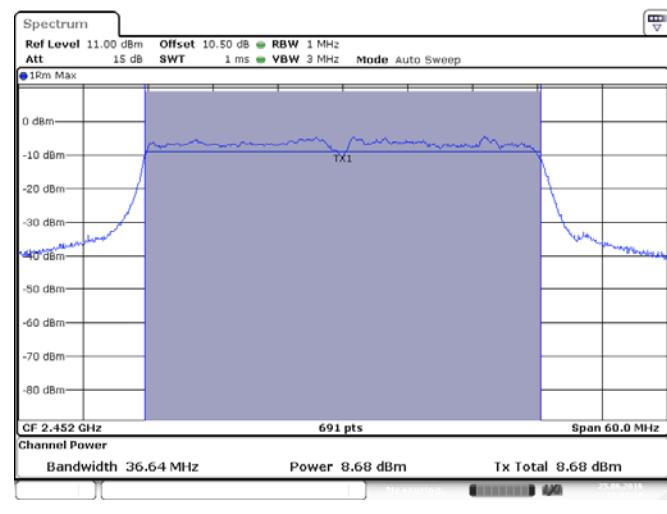
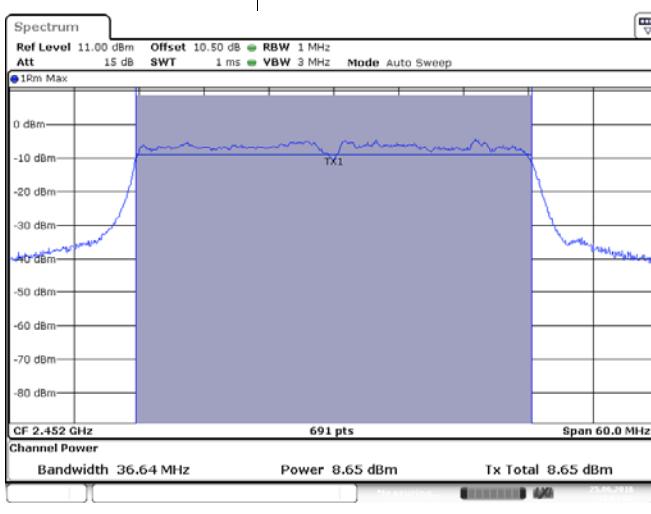
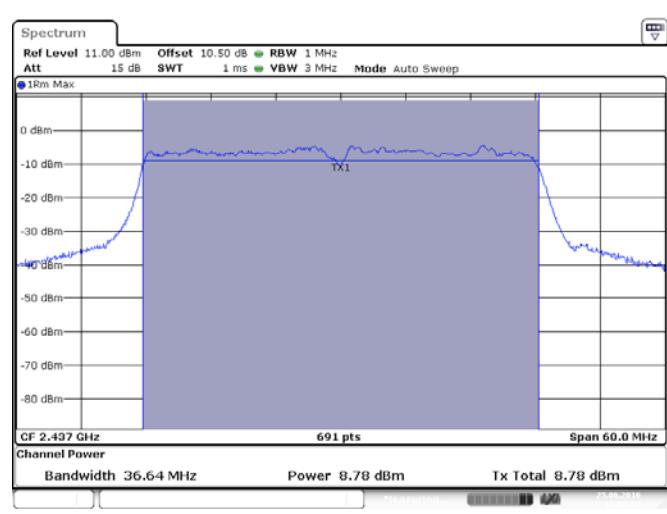
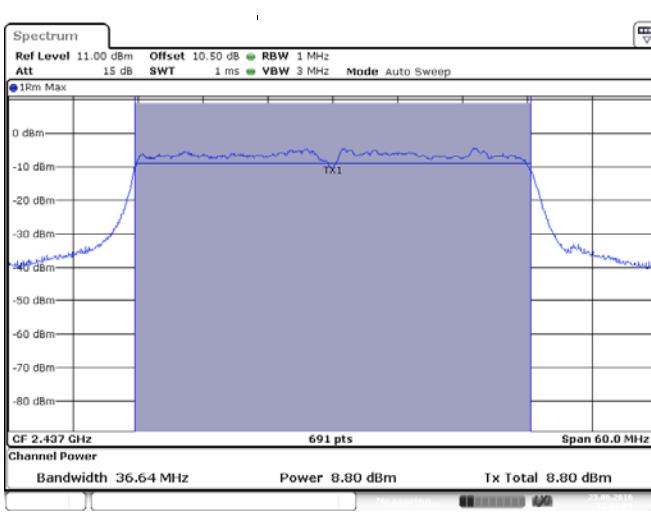
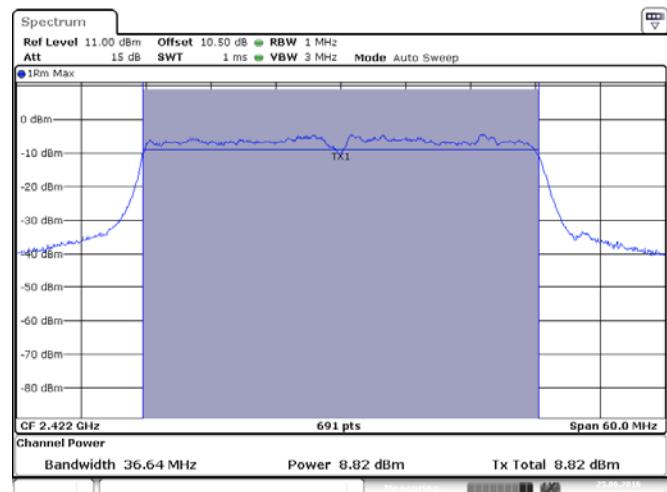
ANT 2(802.11 n20)



## ANT 1(802.11n40)



## ANT 2(802.11n40)



## 9. RADIATED SPURIOUS EMISSION TEST

### 9.1. Block Diagram of Test Setup

#### 9.1.1. Block diagram of connection between the EUT and peripherals

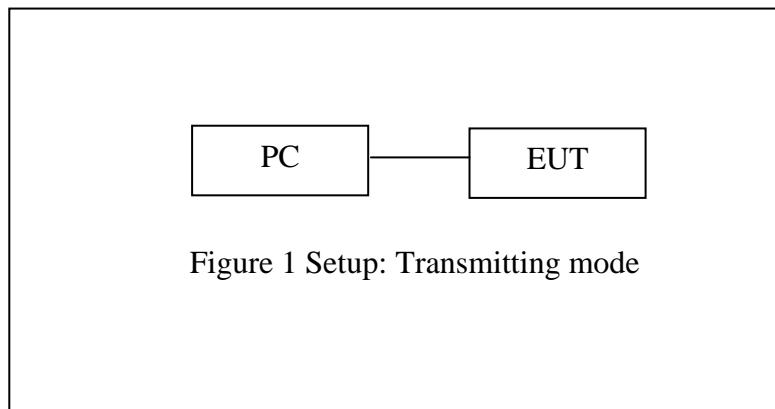
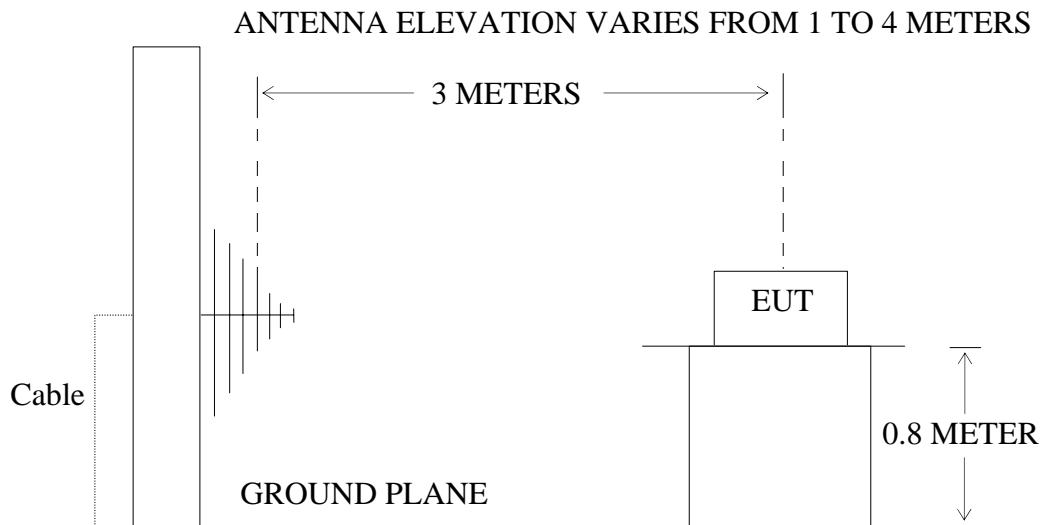


Figure 1 Setup: Transmitting mode

#### 9.1.2. Semi-Anechoic Chamber Test Setup Diagram



### 9.2. The Limit For Section 15.247(d)

Section 15.247(d): In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the

general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a).

### 9.3. Restricted bands of operation

#### 9.3.1. FCC Part 15.205 Restricted bands of operation

- (a) Except as shown in paragraph (d) of this section, Only spurious emissions are permitted in any of the frequency bands listed below:

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
<sup>1</sup> 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	( <sup>2</sup> )
13.36-13.41			

<sup>1</sup>Until February 1, 1999, this restricted band shall be 0.490-0.510

<sup>2</sup>Above 38.6

- (b) Except as provided in paragraphs (d) and (e), the field strength of emission appearing within these frequency bands shall not exceed the limits shown in Section 15.209. At frequencies equal to or less than 1000MHz, Compliance with the limits in Section 15.209 shall be demonstrated using measurement instrumentation employing a CISPR quasi-peak detector. Above 1000MHz, compliance with the emission limits in Section 15.209 shall be demonstrated based on the average value of the measured emissions. The provisions in Section 15.35 apply to these measurements.

### 9.4. Configuration of EUT on Measurement

The equipment are installed on Radiated Emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

## 9.5.Operating Condition of EUT

9.5.1.Setup the EUT and simulator as shown as Section 9.1.

9.5.2.Turn on the power of all equipment.

9.5.3.Let the EUT work in TX modes measure it. The transmit frequency are 2412-2462 and 2422-2452MHz. We select 2412MHz, 2437MHz, 2462MHz and 2422MHz, 2437MHz, 2452MHz TX frequency to transmit.

## 9.6.Test Procedure

The EUT and its simulators are placed on a turntable, which is 0.8 meter high above ground(Below 1GHz). The EUT and its simulators are placed on a turntable, which is 1.5 meter high above ground(Above 1GHz). The turntable can rotate 360 degrees to determine the position of the maximum emission level. EUT is set 3.0 meters away from the receiving antenna, which is mounted on an antenna tower. The antenna can be moved up and down between 1.0 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bi-log antenna) is used as receiving antenna. Both horizontal and vertical polarizations of the antenna are set on measurement. In order to find the maximum emission levels, all of the EUT location must be manipulated according to ANSI C63.10:2013 on radiated emission measurement. The EUT was tested in 3 orthogonal planes.

The worst-case data rate for this channel to be 1Mbps for 802.11b mode and 6Mbps for 802.11g mode and 150Mbps for 802.11n mode, based on previous with 802.11 WLAN product design architectures.

The frequency range from 30MHz to 25000MHz is checked.

Result = Reading + Corrected Factor

Where Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

During the radiated emission test, the spectrum analyzer was set with the following configurations:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak at frequency below 1GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for peak measurement with peak detector at frequency above 1GHz.
3. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average measurement with peak detection at frequency above 1GHz.
4. All modes of operation were investigated and the worst-case emissions are reported.

## 9.7.The Field Strength of Radiation Emission Measurement Results

- Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.
2. \*: Denotes restricted band of operation.
3. The fundamental radiated emissions were reduced by Band Reject Filter in the attached plots.
4. The EUT is tested radiation emission at each test mode (802.11b/g/n) in three axes. Besides, We have tested the single antenna transmit mode and the dual antenna emission mode. The worst emissions(the dual antenna emission mode) are reflected in the following plots.
5. The radiation emissions from 18-25GHz are not reported, because the test values lower than the limits of 20dB
6. The average measurement was not performed when peak measured data under the limit of average detection.

## Below 1G



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Job No.: STAR2015 #1406

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: DC 12V

Test item: Radiation Test

Date: 2016/06/25

Temp.( C)/Hum.(%) 23 C / 48 %

Time: 19:44:17

EUT: WiFi module

Engineer Signature:

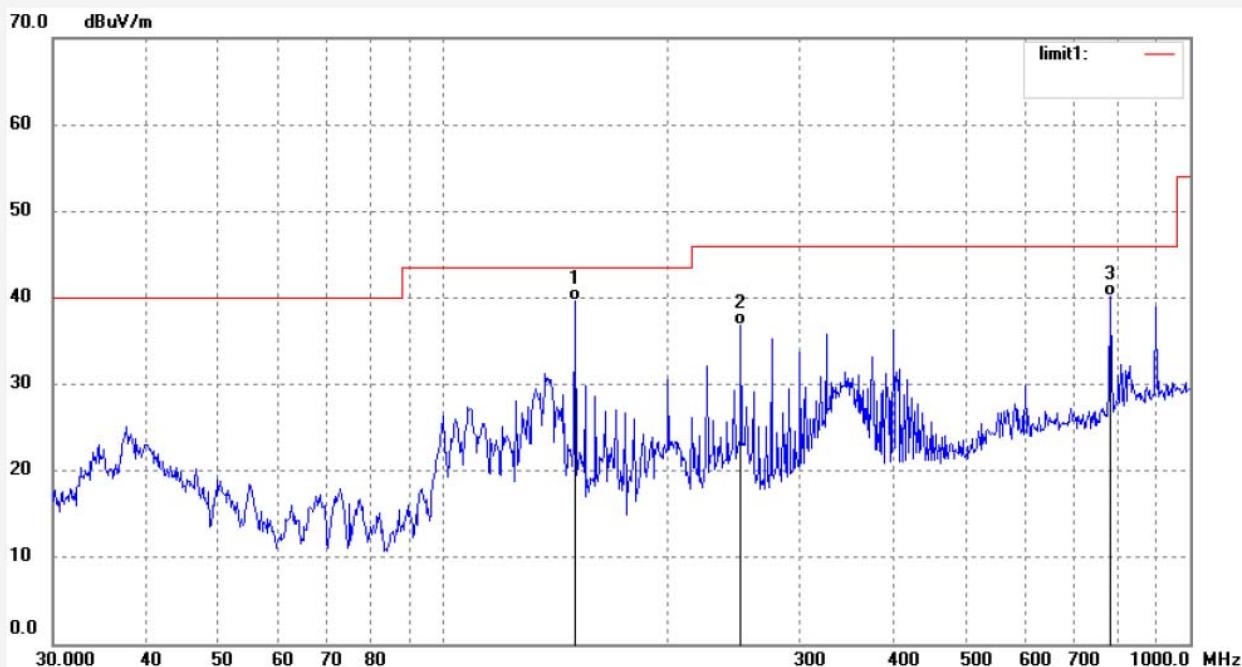
Mode: TX Channel 1(802.11b)

Distance: 3m

Model: WPC0GR2231

Manufacturer: Prima

Note: Report NO.:ATE20160895



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	150.0107	54.86	-15.16	39.70	43.50	-3.80	QP			
2	250.3011	47.59	-10.77	36.82	46.00	-9.18	QP			
3	782.3452	40.49	-0.37	40.12	46.00	-5.88	QP			



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Job No.: STAR2015 #1405

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 12V

Test item: Radiation Test

Date: 2016/06/25

Temp.( C)/Hum.(%) 23 C / 48 %

Time: 19:43:57

EUT: WiFi module

Engineer Signature:

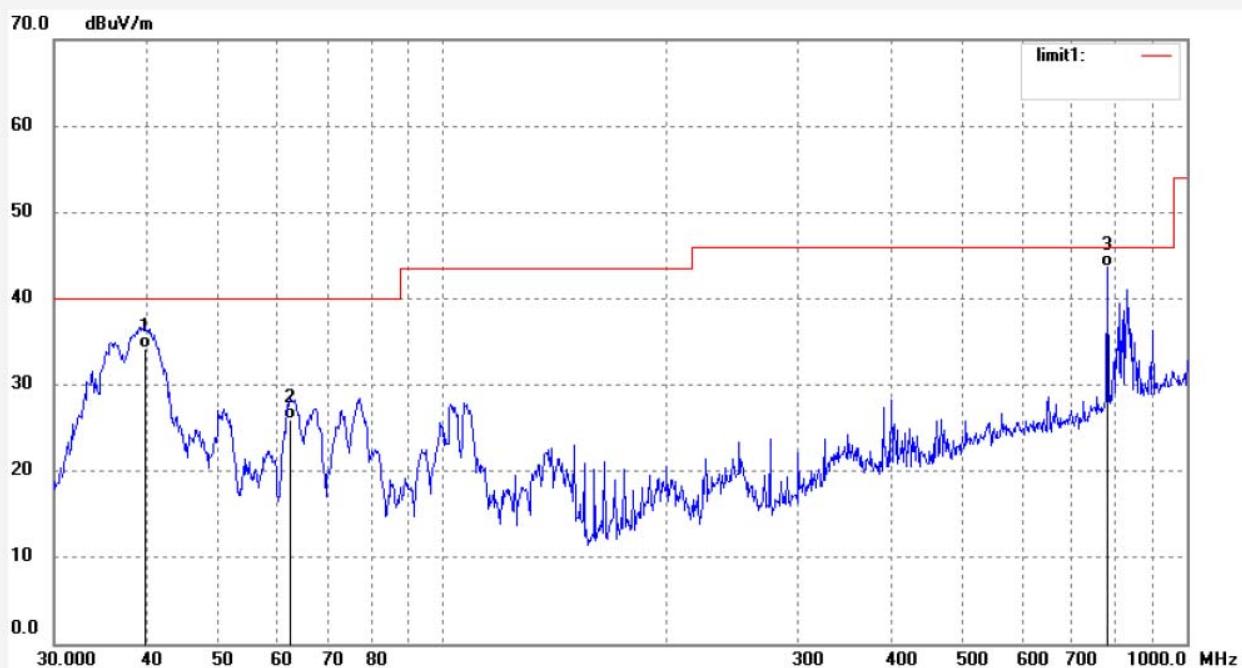
Mode: TX Channel 1(802.11b)

Distance: 3m

Model: WPC0GR2231

Manufacturer: Prima

Note: Report NO.:ATE20160895



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	39.7146	45.70	-11.48	34.22	40.00	-5.78	QP			
2	62.2128	40.65	-14.73	25.92	40.00	-14.08	QP			
3	782.3451	44.10	-0.37	43.73	46.00	-2.27	QP			



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Job No.: STAR2015 #1407

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: DC 12V

Test item: Radiation Test

Date: 2016/06/25

Temp.( C)/Hum.(%) 23 C / 48 %

Time: 19:44:59

EUT: WiFi module

Engineer Signature:

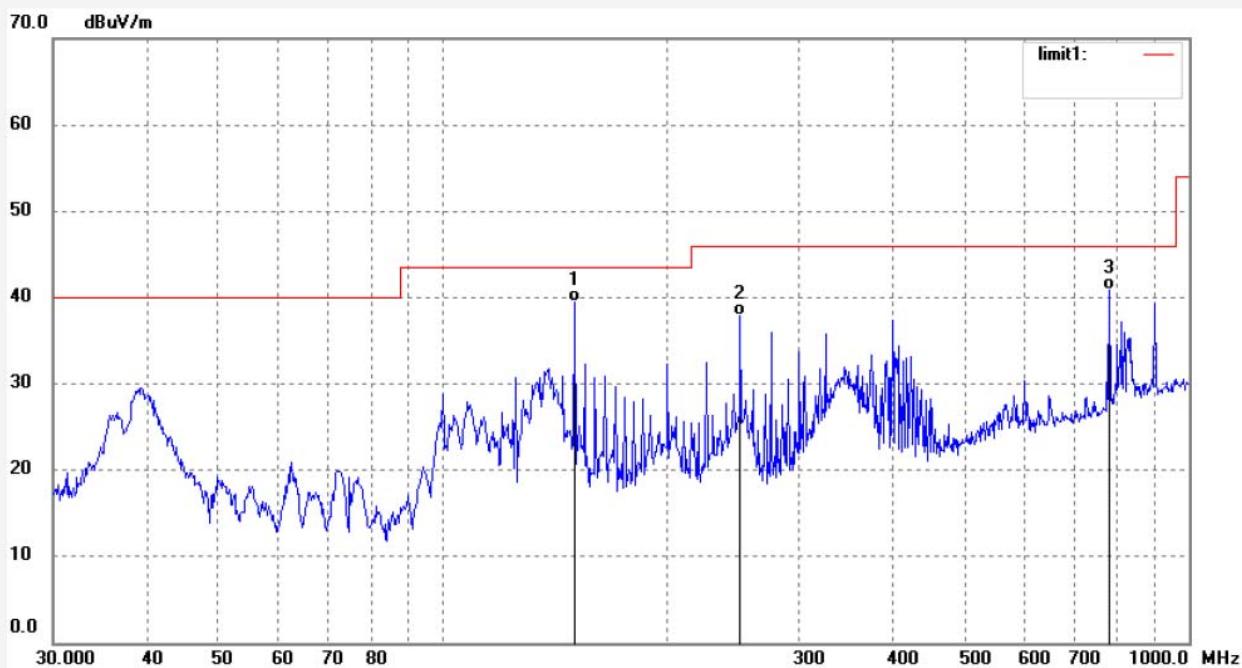
Mode: TX Channel 6(802.11b)

Distance: 3m

Model: WPC0GR2231

Manufacturer: Prima

Note: Report NO.:ATE20160895



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	150.0107	54.67	-15.16	39.51	43.50	-3.99	QP			
2	250.3011	48.61	-10.77	37.84	46.00	-8.16	QP			
3	782.3452	41.22	-0.37	40.85	46.00	-5.15	QP			



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Job No.: STAR2015 #1408

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 12V

Test item: Radiation Test

Date: 2016/06/25

Temp.( C)/Hum.(%) 23 C / 48 %

Time: 19:45:53

EUT: WiFi module

Engineer Signature:

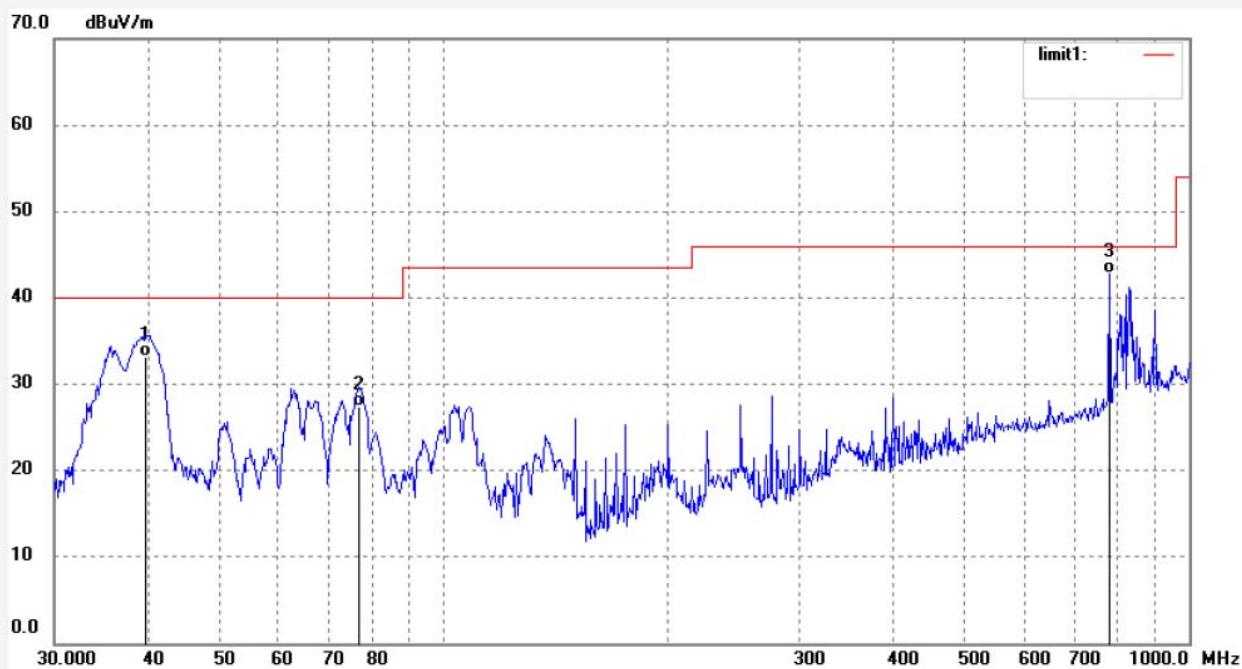
Mode: TX Channel 6(802.11b)

Distance: 3m

Model: WPC0GR2231

Manufacturer: Prima

Note: Report NO.:ATE20160895



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	39.7146	44.67	-11.48	33.19	40.00	-6.81	QP			
2	76.7807	44.10	-16.67	27.43	40.00	-12.57	QP			
3	782.3452	43.10	-0.37	42.73	46.00	-3.27	QP			



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Job No.: STAR2015 #1410

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: DC 12V

Test item: Radiation Test

Date: 2016/06/25

Temp.( C)/Hum.(%) 23 C / 48 %

Time: 19:47:24

EUT: WiFi module

Engineer Signature:

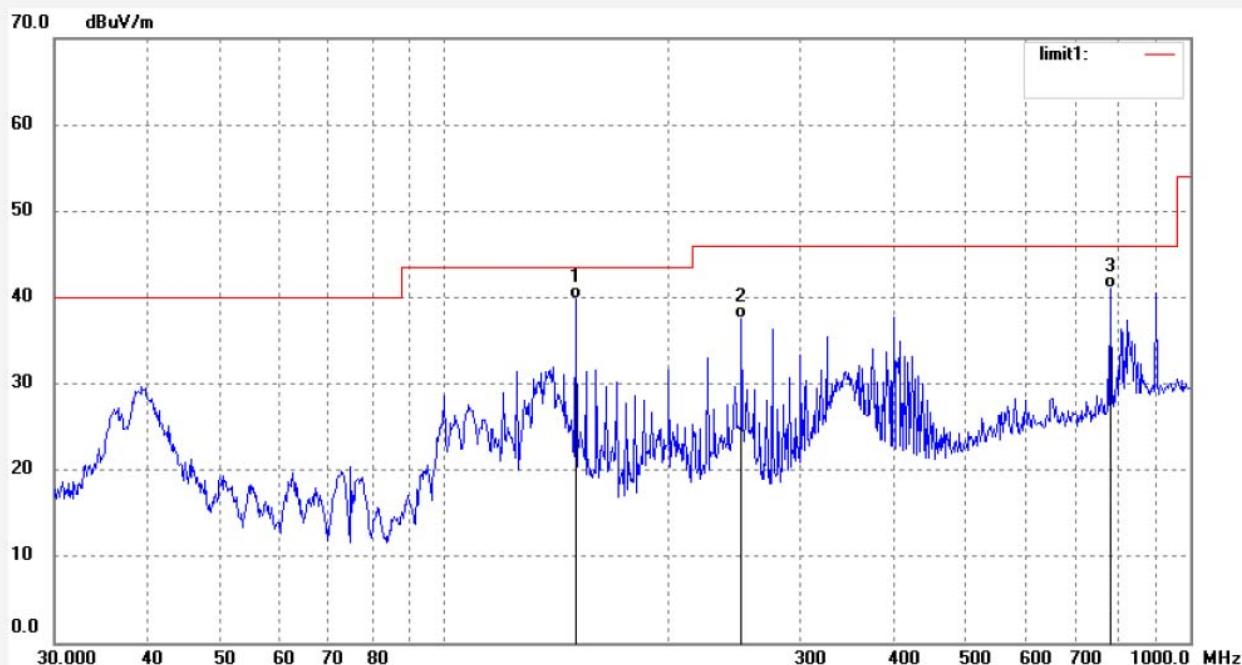
Mode: TX Channel 11(802.11b)

Distance: 3m

Model: WPC0GR2231

Manufacturer: Prima

Note: Report NO.:ATE20160895



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	150.0108	54.89	-15.16	39.73	43.50	-3.77	QP			
2	250.3012	48.22	-10.77	37.45	46.00	-8.55	QP			
3	782.3453	41.49	-0.37	41.12	46.00	-4.88	QP			



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Job No.: STAR2015 #1409

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 12V

Test item: Radiation Test

Date: 2016/06/25

Temp.( C)/Hum.(%) 23 C / 48 %

Time: 19:46:46

EUT: WiFi module

Engineer Signature:

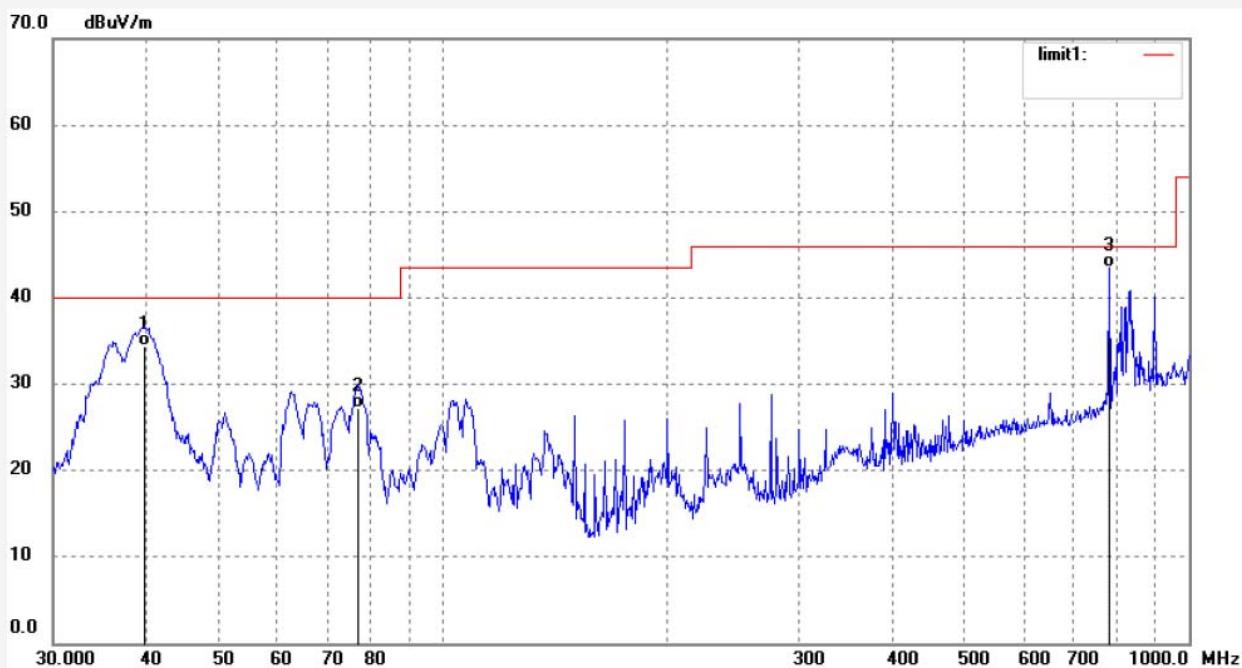
Mode: TX Channel 11(802.11b)

Distance: 3m

Model: WPC0GR2231

Manufacturer: Prima

Note: Report NO.:ATE20160895



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	39.7146	45.90	-11.48	34.42	40.00	-5.58	QP			
2	77.0505	43.83	-16.66	27.17	40.00	-12.83	QP			
3	782.3453	43.91	-0.37	43.54	46.00	-2.46	QP			

## Above 1G



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Job No.: STAR2015 #1342

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: DC 12V

Test item: Radiation Test

Date: 2016/06/25

Temp.( C)/Hum.(%) 23 C / 48 %

Time: 18:04:10

EUT: WiFi module

Engineer Signature:

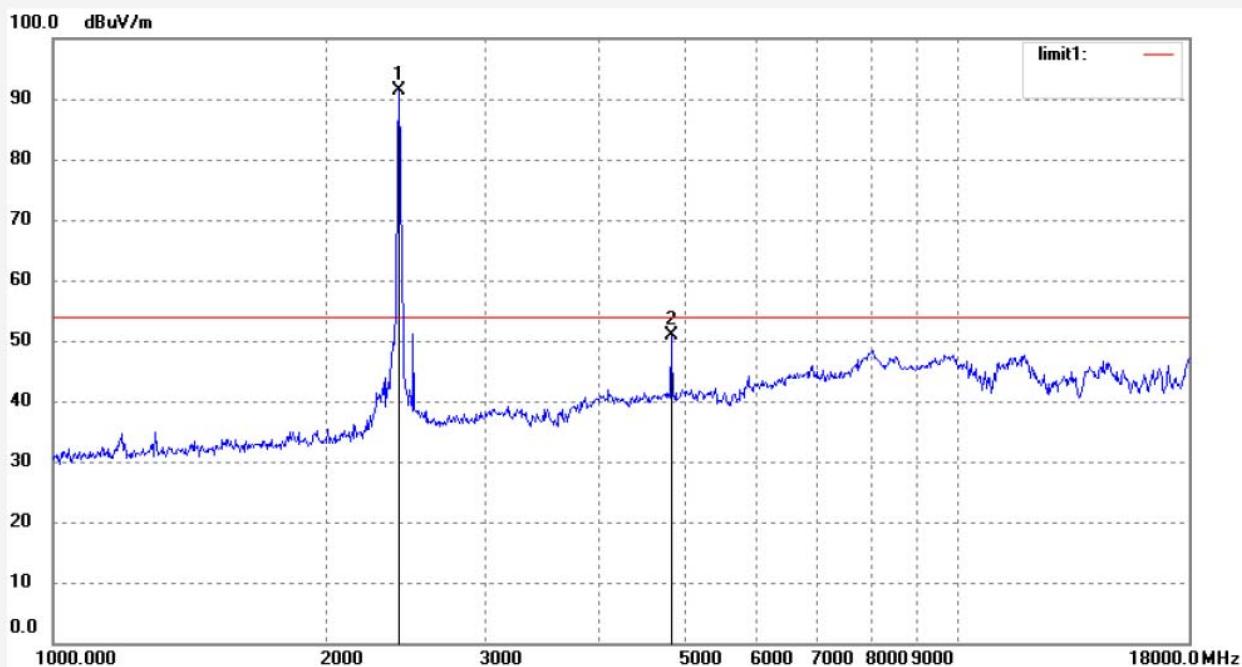
Mode: TX Channel 1(802.11b)

Distance: 3m

Model: WPC0GR2231

Manufacturer: Prima

Note: Report NO.:ATE20160895



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.672	100.91	-7.42	93.49			peak			
2	4814.016	51.10	-0.22	50.88	74.00	23.12	peak			



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Job No.: STAR2015 #1341

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 12V

Test item: Radiation Test

Date: 2016/06/25

Temp.( C)/Hum.(%) 23 C / 48 %

Time: 18:03:01

EUT: WiFi module

Engineer Signature:

Mode: TX Channel 1(802.11b)

Distance: 3m

Model: WPC0GR2231

Manufacturer: Prima

Note: Report NO.:ATE20160895



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.672	97.20	-7.42	89.78			peak			
2	4814.016	44.56	-0.22	44.34	74.00	29.66	peak			



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Job No.: STAR2015 #1343

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: DC 12V

Test item: Radiation Test

Date: 2016/06/25

Temp.( C)/Hum.(%) 23 C / 48 %

Time: 18:05:39

EUT: WiFi module

Engineer Signature:

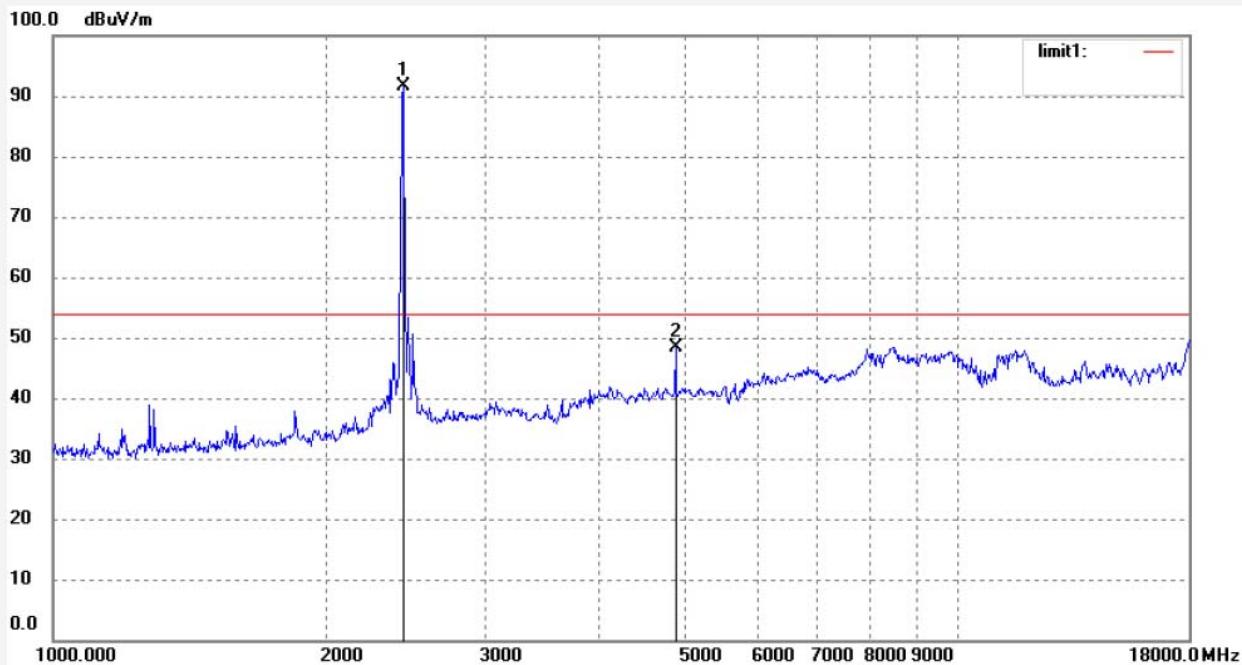
Mode: TX Channel 6(802.11b)

Distance: 3m

Model: WPC0GR2231

Manufacturer: Prima

Note: Report NO.:ATE20160895



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2436.701	100.99	-7.37	93.62			peak			
2	4873.402	48.34	0.09	48.43	74.00	25.57	peak			



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Job No.: STAR2015 #1344

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 12V

Test item: Radiation Test

Date: 2016/06/25

Temp.( C)/Hum.(%) 23 C / 48 %

Time: 18:06:28

EUT: WiFi module

Engineer Signature:

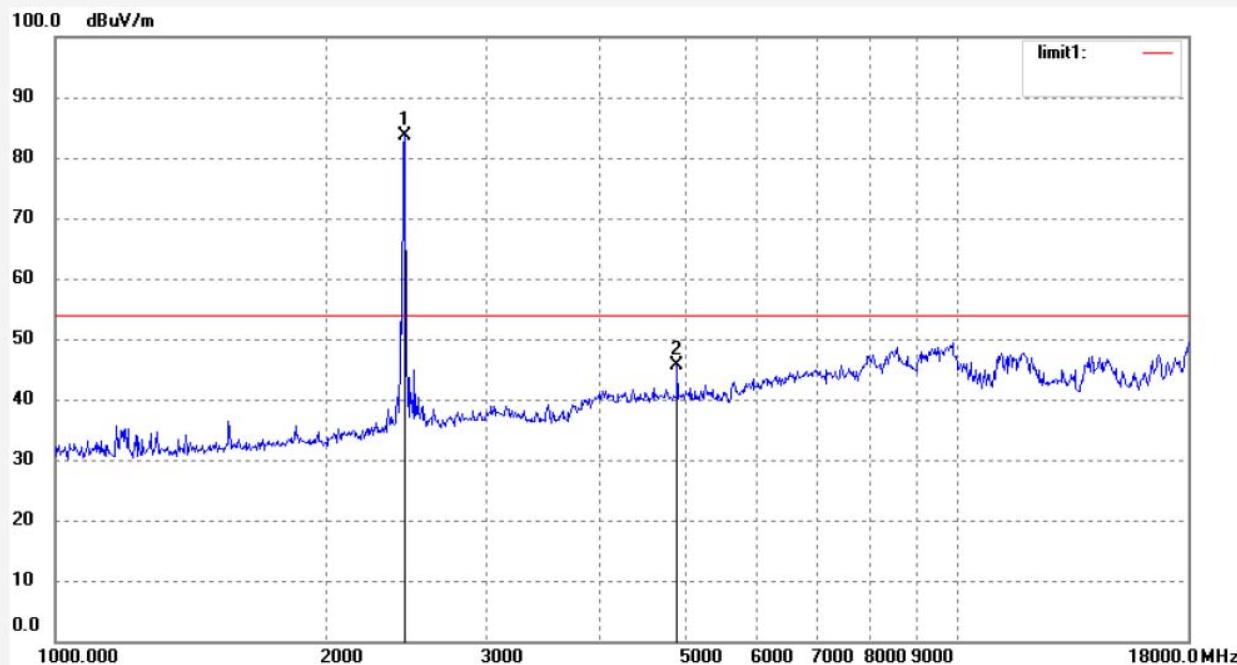
Mode: TX Channel 6(802.11b)

Distance: 3m

Model: WPC0GR2231

Manufacturer: Prima

Note: Report NO.:ATE20160895



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2436.701	93.12	-7.37	85.75			peak			
2	4873.402	45.57	0.17	45.74	74.00	28.26	peak			



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Fax:+86-0755-26503396

Job No.: STAR2015 #1346

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: DC 12V

Test item: Radiation Test

Date: 2016/06/25

Temp.( C)/Hum.(%) 23 C / 48 %

Time: 18:08:40

EUT: WiFi module

Engineer Signature:

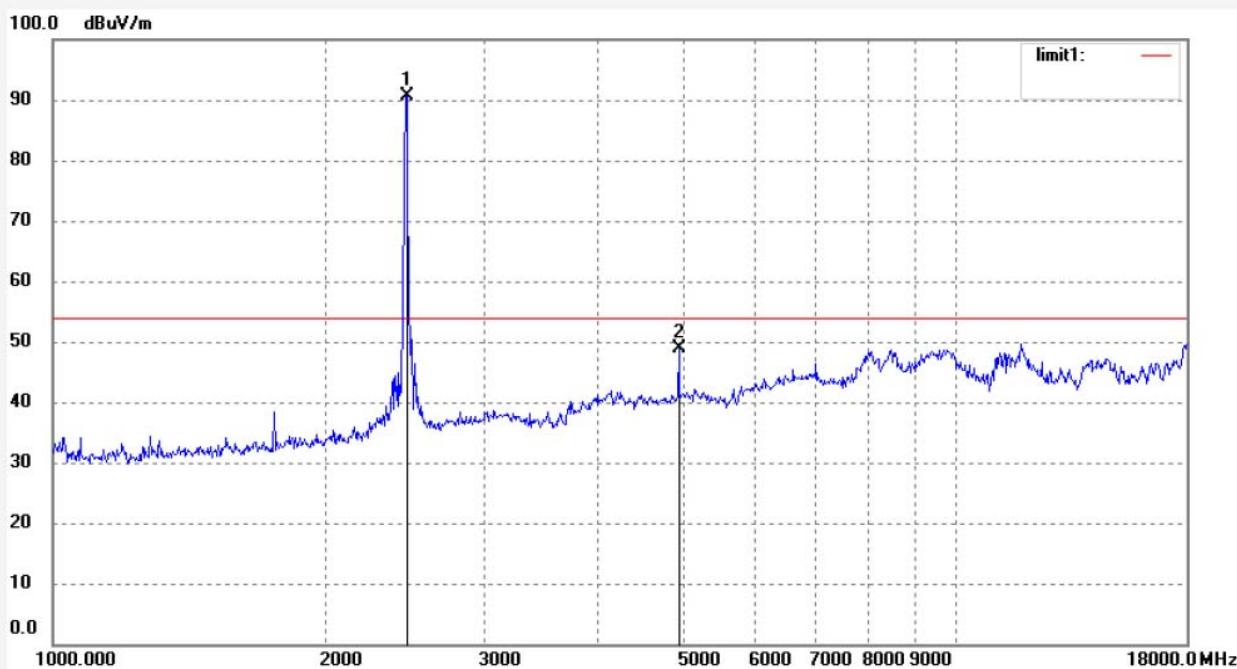
Mode: TX Channel 11(802.11b)

Distance: 3m

Model: WPC0GR2231

Manufacturer: Prima

Note: Report NO.:ATE20160895



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.024	99.93	-7.35	92.58			peak			
2	4924.048	48.53	0.38	48.91	74.00	25.09	peak			



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Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: STAR2015 #1345

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 12V

Test item: Radiation Test

Date: 2016/06/25

Temp.( C)/Hum.(%) 23 C / 48 %

Time: 18:07:48

EUT: WiFi module

Engineer Signature:

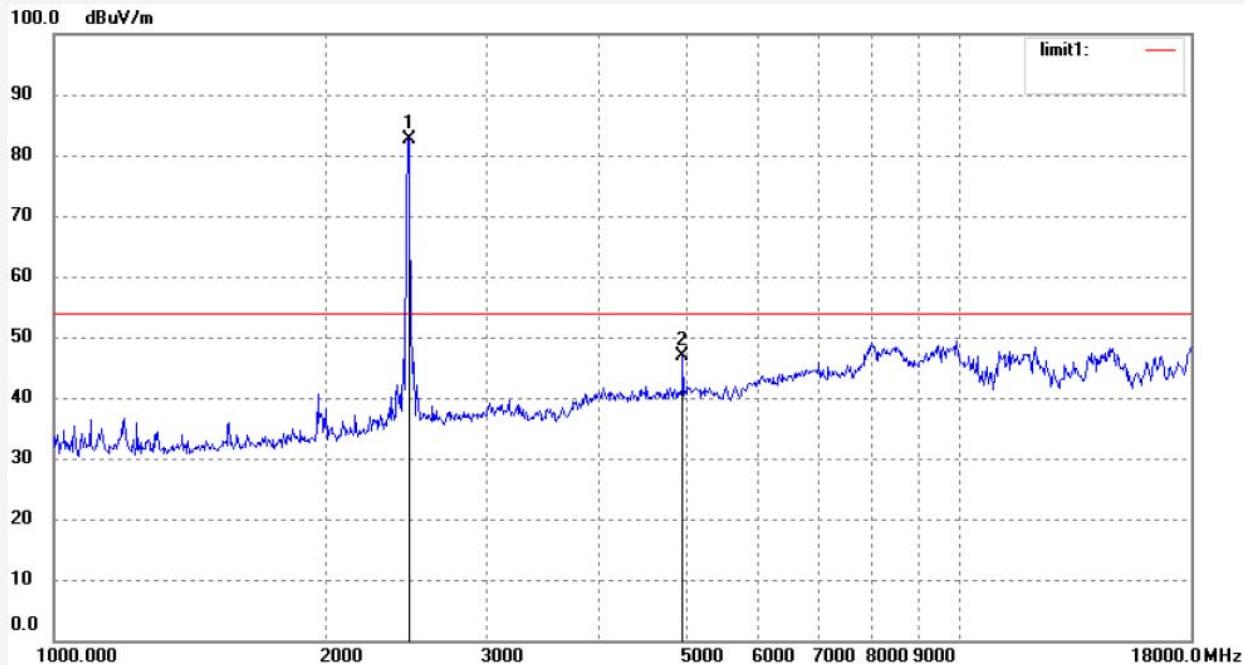
Mode: TX Channel 11(802.11b)

Distance: 3m

Model: WPC0GR2231

Manufacturer: Prima

Note: Report NO.:ATE20160895



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.024	92.07	-7.35	84.72			peak			
2	4924.048	46.40	0.45	46.85	74.00	27.15	peak			



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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: STAR2015 #1347

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: DC 12V

Test item: Radiation Test

Date: 2016/06/25

Temp.( C)/Hum.(%) 23 C / 48 %

Time: 18:11:08

EUT: WiFi module

Engineer Signature:

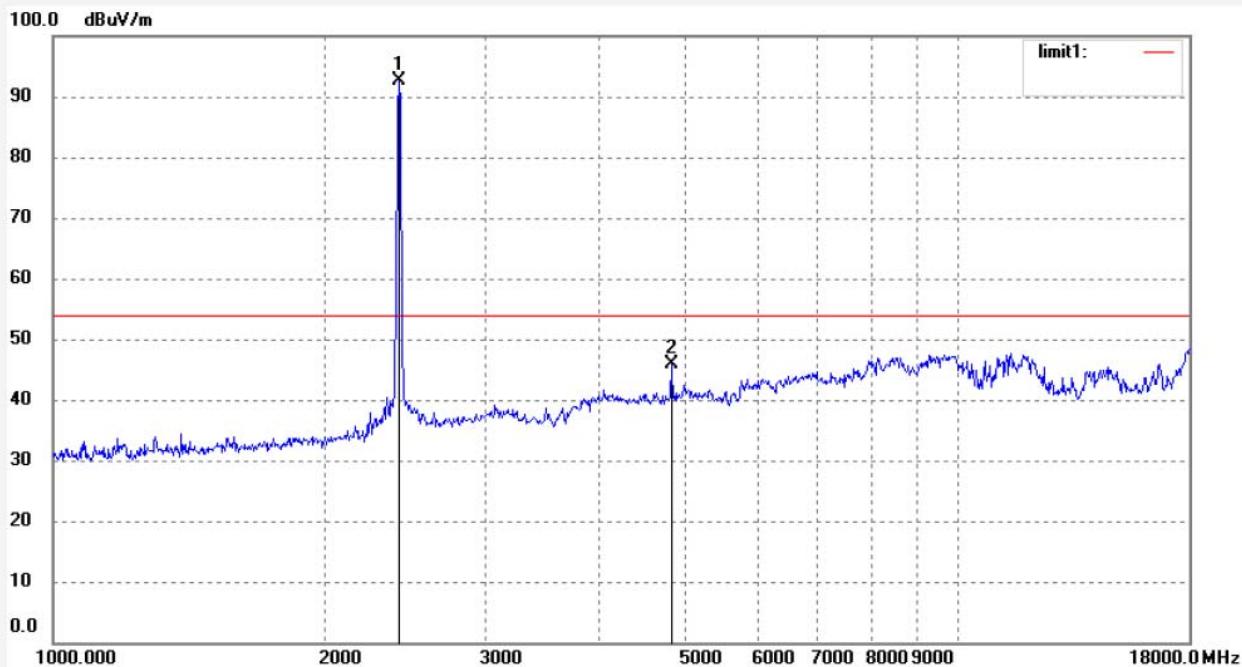
Mode: TX Channel 1(802.11g)

Distance: 3m

Model: WPC0GR2231

Manufacturer: Prima

Note: Report NO.:ATE20160895



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.672	100.04	-7.42	92.62			peak			
2	4814.016	46.09	-0.22	45.87	74.00	28.13	peak			



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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: STAR2015 #1348

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 12V

Test item: Radiation Test

Date: 2016/06/25

Temp.( C)/Hum.(%) 23 C / 48 %

Time: 18:11:58

EUT: WiFi module

Engineer Signature:

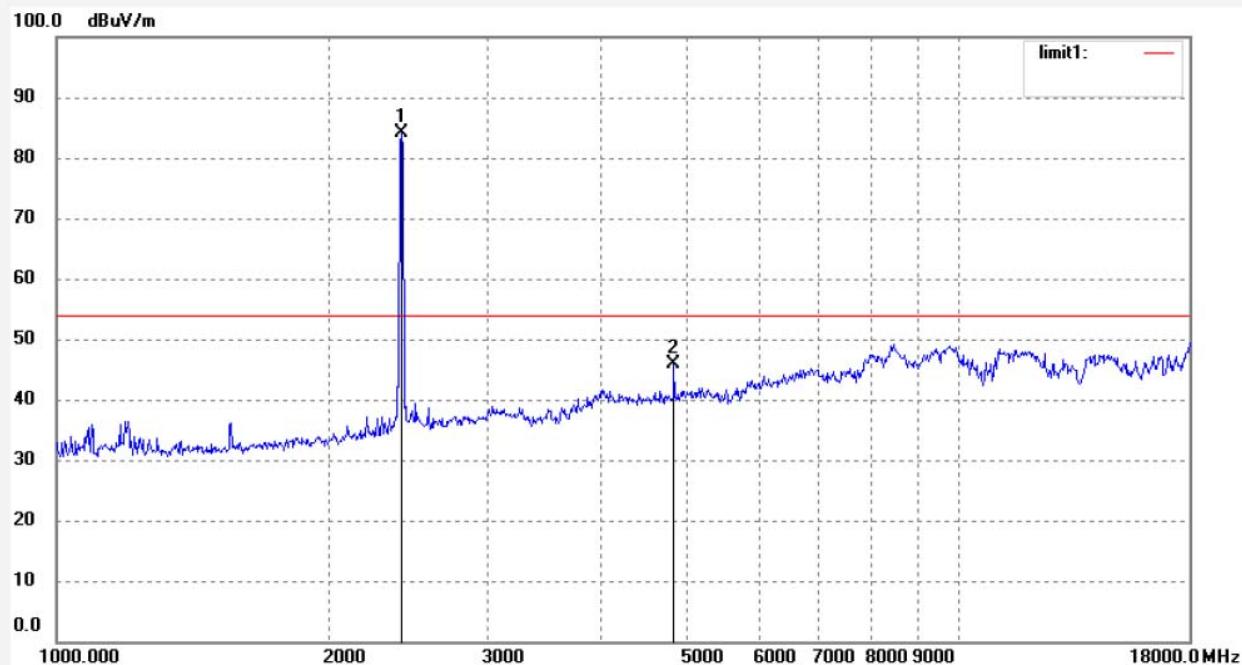
Mode: TX Channel 1(802.11g)

Distance: 3m

Model: WPC0GR2231

Manufacturer: Prima

Note: Report NO.:ATE20160895



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.672	91.50	-7.42	84.08			peak			
2	4814.016	46.06	-0.14	45.92	74.00	28.08	peak			



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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: STAR2015 #1350

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: DC 12V

Test item: Radiation Test

Date: 2016/06/25

Temp.( C)/Hum.(%) 23 C / 48 %

Time: 18:14:16

EUT: WiFi module

Engineer Signature:

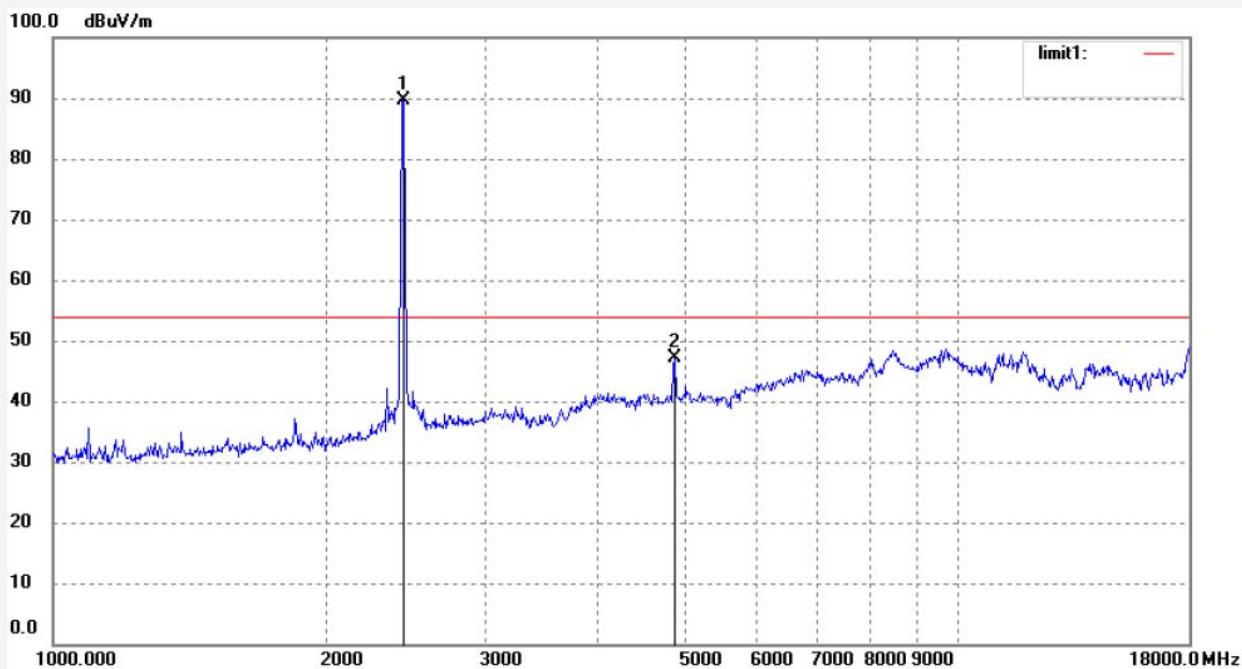
Mode: TX Channel 6(802.11g)

Distance: 3m

Model: WPC0GR2231

Manufacturer: Prima

Note: Report NO.:ATE20160895



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2436.671	97.04	-7.37	89.67			peak			
2	4873.342	47.05	0.02	47.07	74.00	26.93	peak			



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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: STAR2015 #1349

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 12V

Test item: Radiation Test

Date: 2016/06/25

Temp.( C)/Hum.(%) 23 C / 48 %

Time: 18:13:31

EUT: WiFi module

Engineer Signature:

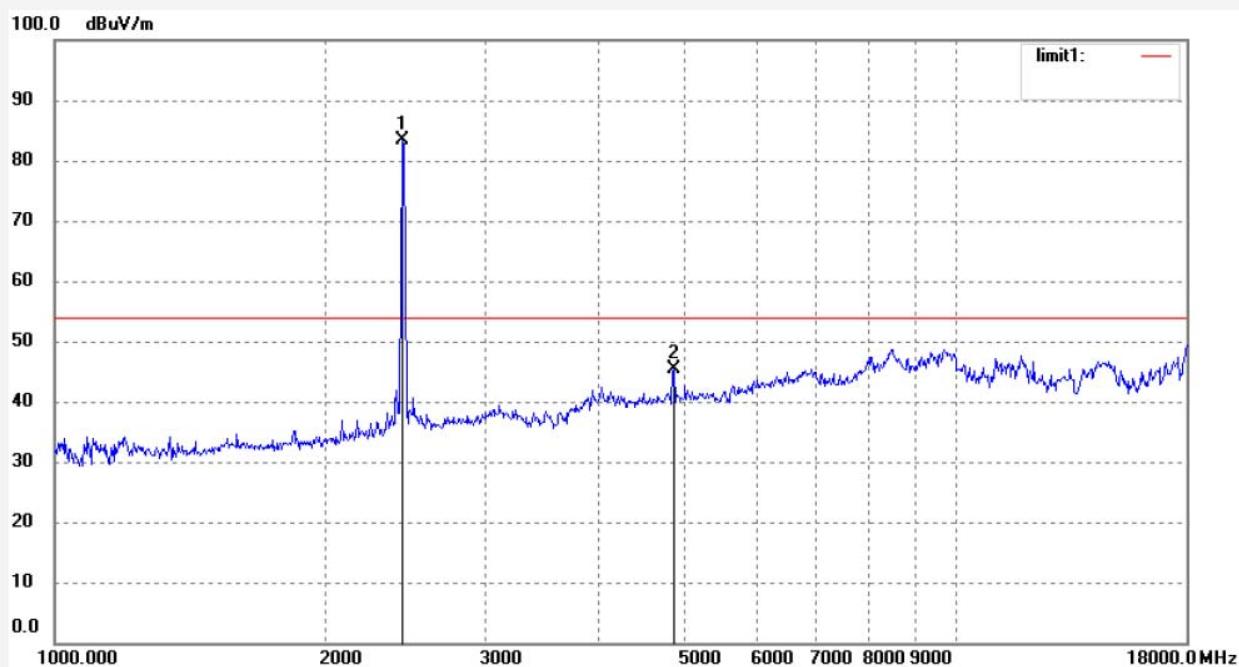
Mode: TX Channel 6(802.11g)

Distance: 3m

Model: WPC0GR2231

Manufacturer: Prima

Note: Report NO.:ATE20160895



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2436.671	90.77	-7.39	83.38			peak			
2	4873.342	45.45	0.02	45.47	74.00	28.53	peak			



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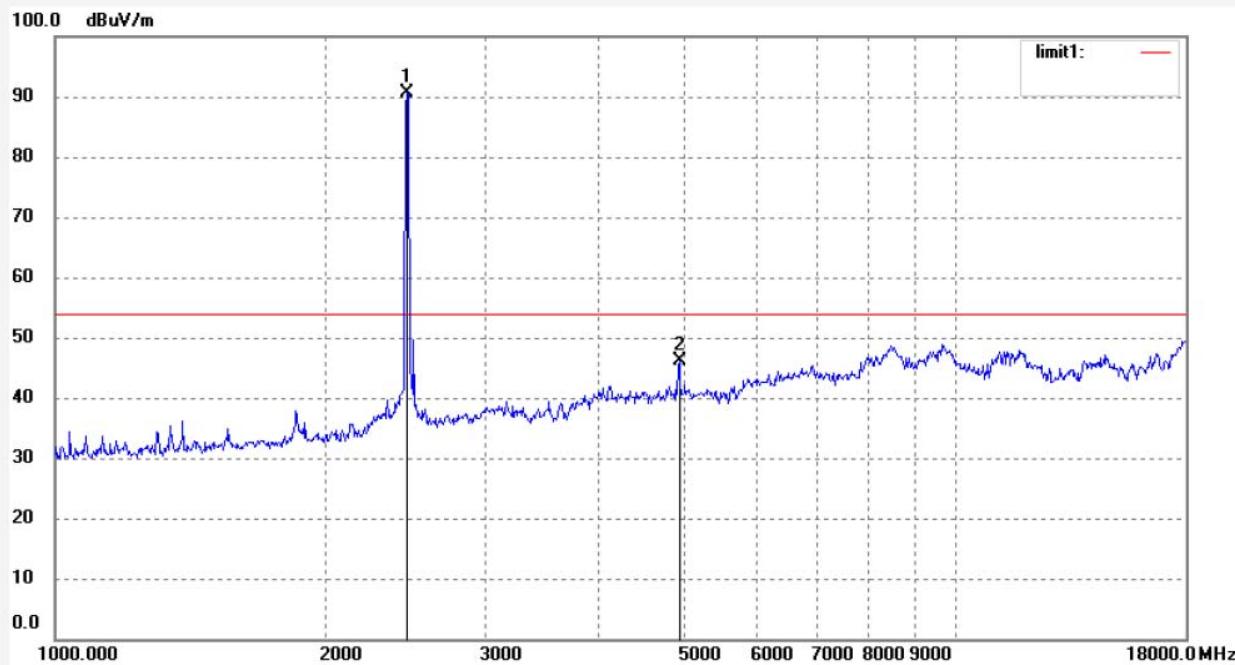
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: STAR2015 #1351  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: WiFi module  
Mode: TX Channel 11(802.11g)  
Model: WPC0GR2231  
Manufacturer: Prima

Polarization: Horizontal  
Power Source: DC 12V  
Date: 2016/06/25  
Time: 18:15:52  
Engineer Signature:  
Distance: 3m

Note: Report NO.:ATE20160895



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2461.913	97.87	-7.34	90.53			peak			
2	4923.826	45.65	0.38	46.03	74.00	27.97	peak			



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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: STAR2015 #1352

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 12V

Test item: Radiation Test

Date: 2016/06/25

Temp.( C)/Hum.(%) 23 C / 48 %

Time: 18:17:13

EUT: WiFi module

Engineer Signature:

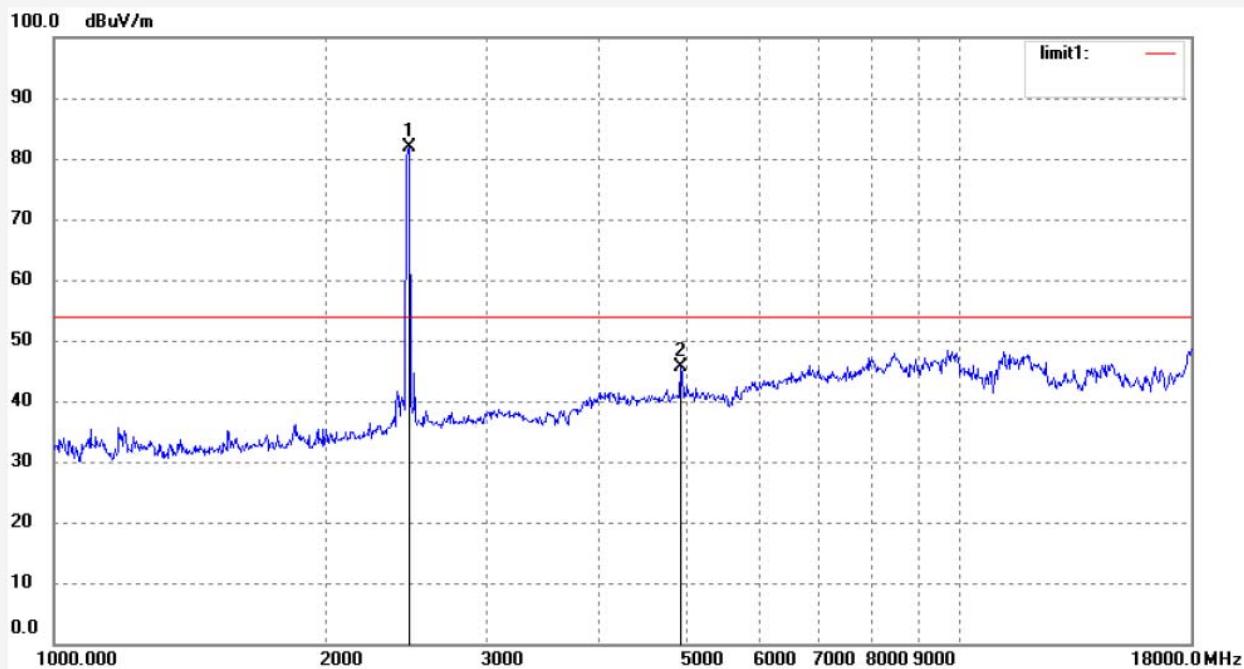
Mode: TX Channel 11(802.11g)

Distance: 3m

Model: WPC0GR2231

Manufacturer: Prima

Note: Report NO.:ATE20160894



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2461.913	89.34	-7.36	81.98			peak			
2	4923.826	45.29	0.32	45.61	74.00	28.39	peak			



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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: STAR2015 #1354

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: DC 12V

Test item: Radiation Test

Date: 2016/06/25

Temp.( C)/Hum.(%) 23 C / 48 %

Time: 18:20:10

EUT: WiFi module

Engineer Signature:

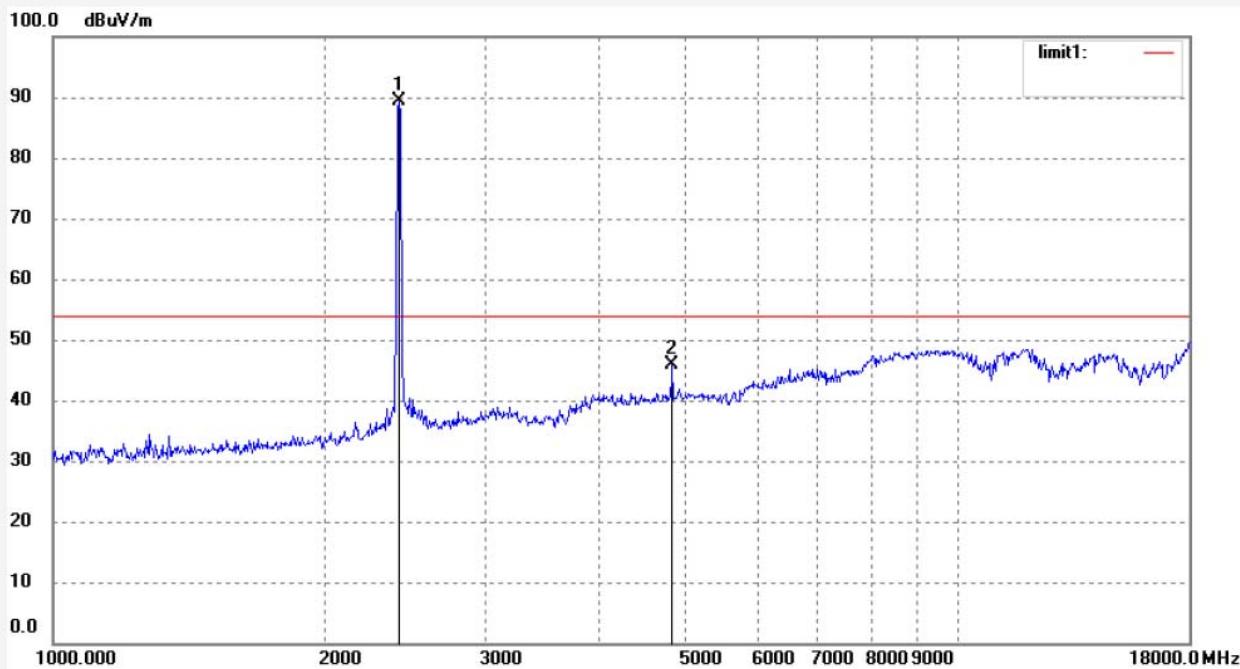
Mode: TX Channel 1(802.11n20)

Distance: 3m

Model: WPC0GR2231

Manufacturer: Prima

Note: Report NO.:ATE20160895



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2411.672	96.82	-7.42	89.40			peak			
2	4824.344	46.13	-0.14	45.99	74.00	28.01	peak			



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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: STAR2015 #1353

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 12V

Test item: Radiation Test

Date: 2016/06/25

Temp.( C)/Hum.(%) 23 C / 48 %

Time: 18:19:26

EUT: WiFi module

Engineer Signature:

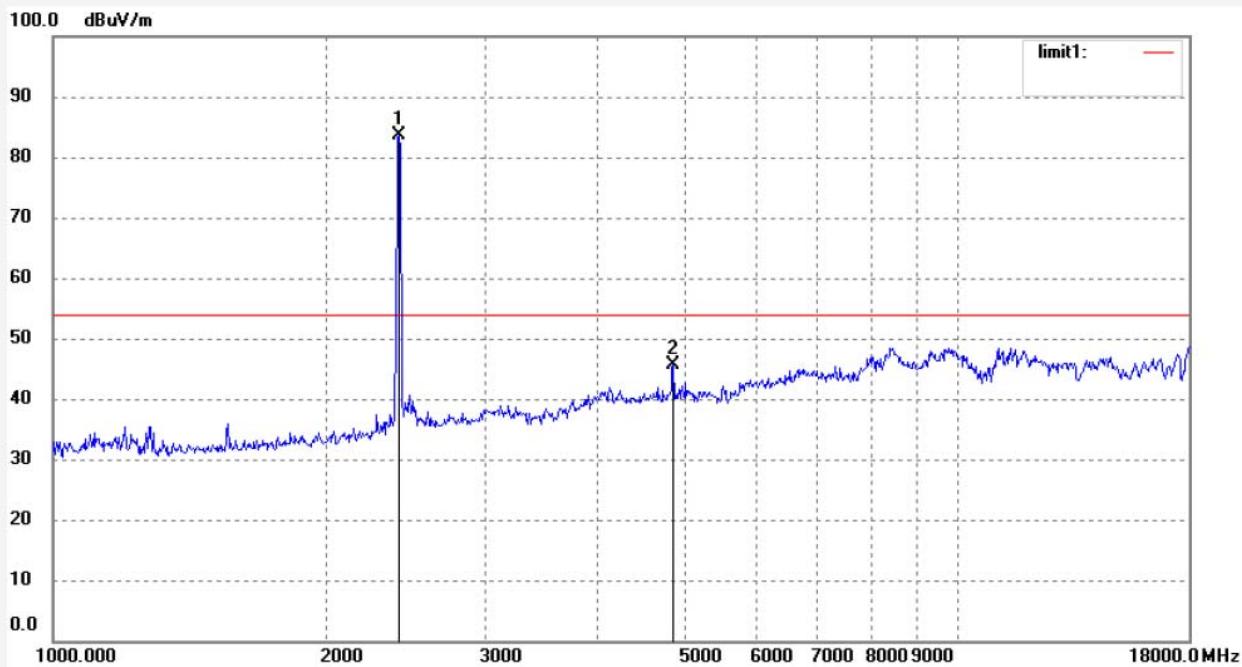
Mode: TX Channel 1(802.11n20)

Distance: 3m

Model: WPC0GR2231

Manufacturer: Prima

Note: Report NO.:ATE20160895



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2411.703	91.12	-7.44	83.68			peak			
2	4823.406	45.57	-0.06	45.51	74.00	28.49	peak			



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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: STAR2015 #1355

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: DC 12V

Test item: Radiation Test

Date: 2016/06/25

Temp.( C)/Hum.(%) 23 C / 48 %

Time: 18:21:37

EUT: WiFi module

Engineer Signature:

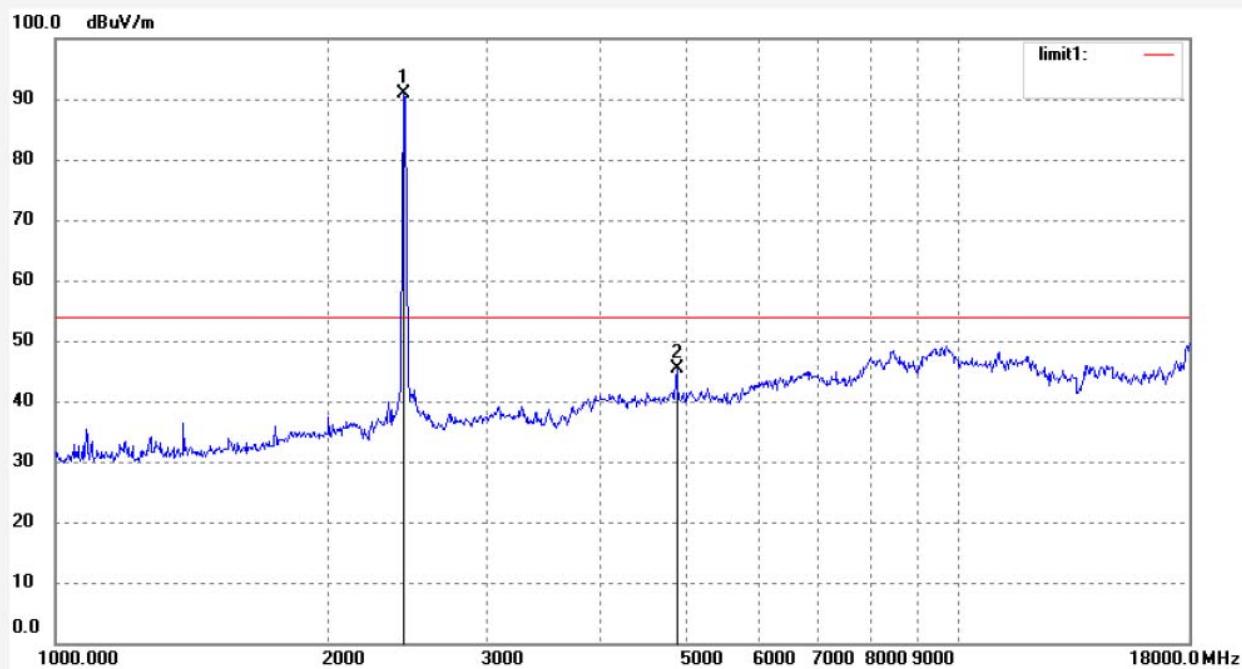
Mode: TX Channel 6(802.11n20)

Distance: 3m

Model: WPC0GR2231

Manufacturer: Prima

Note: Report NO.:ATE20160895



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2436.671	98.27	-7.39	90.88			peak			
2	4873.342	45.25	0.09	45.34	74.00	28.66	peak			



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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: STAR2015 #1356

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 12V

Test item: Radiation Test

Date: 2016/06/25

Temp.( C)/Hum.(%) 23 C / 48 %

Time: 18:23:12

EUT: WiFi module

Engineer Signature:

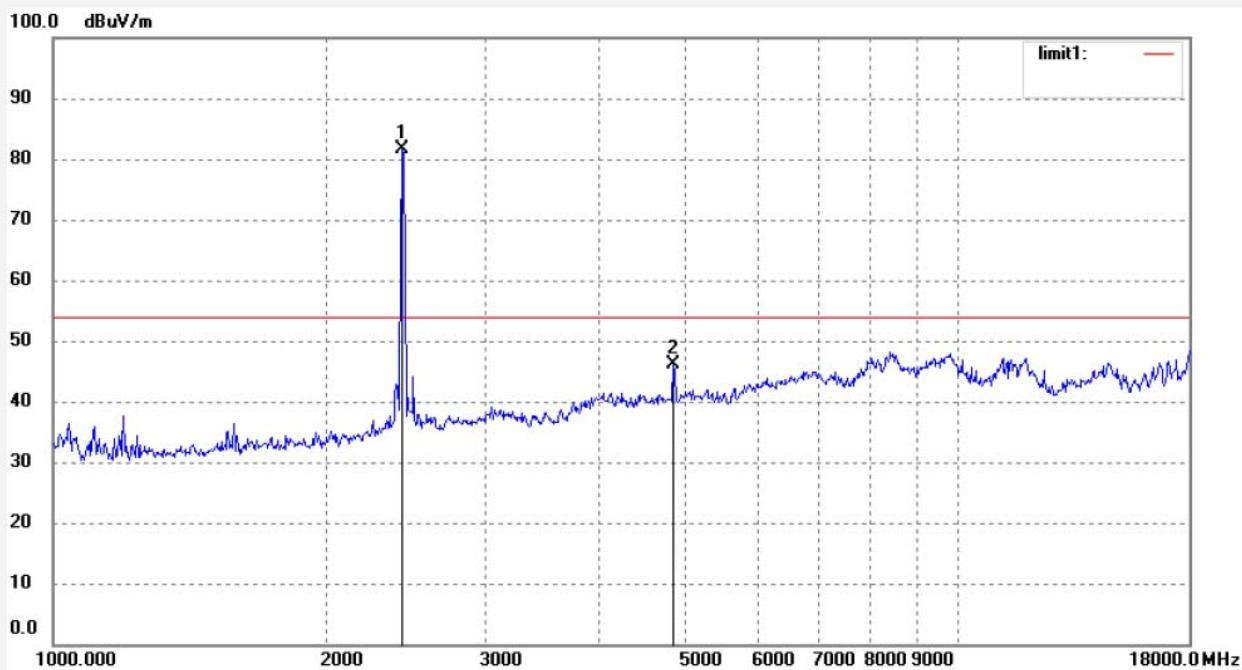
Mode: TX Channel 6(802.11n20)

Distance: 3m

Model: WPC0GR2231

Manufacturer: Prima

Note: Report NO.:ATE20160895



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2436.671	88.95	-7.39	81.56			peak			
2	4873.342	46.22	-0.06	46.16	74.00	27.84	peak			



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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: STAR2015 #1358

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: DC 12V

Test item: Radiation Test

Date: 2016/06/25

Temp.( C)/Hum.(%) 23 C / 48 %

Time: 18:25:23

EUT: WiFi module

Engineer Signature:

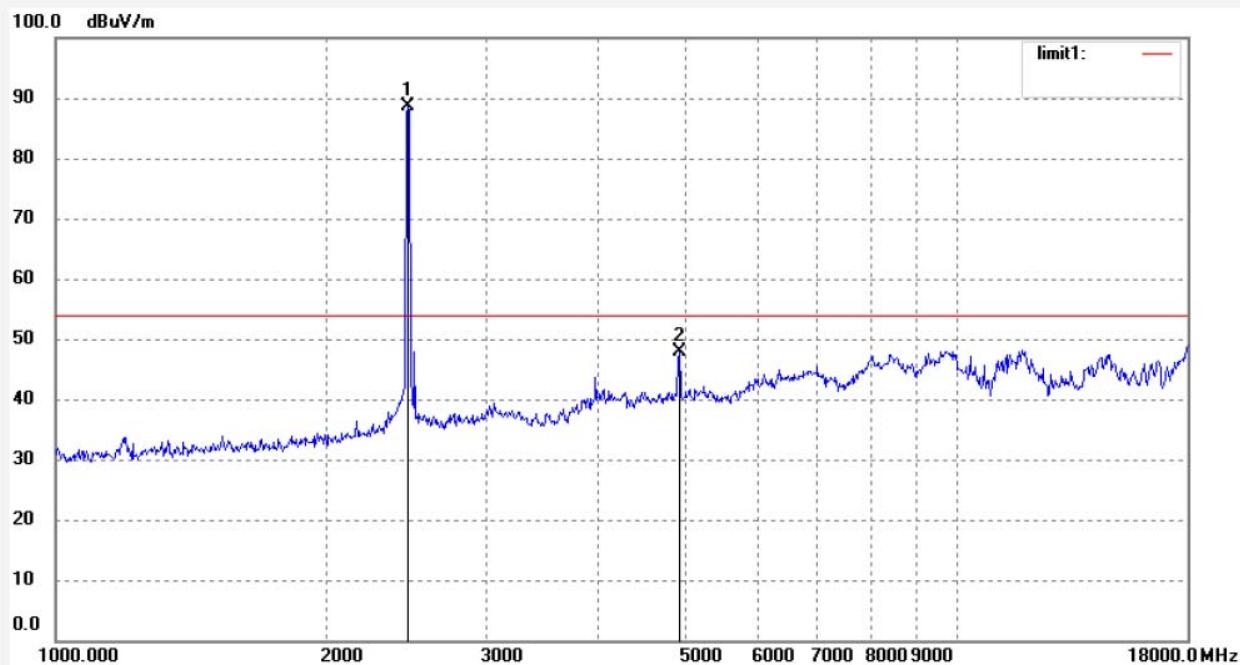
Mode: TX Channel 11(802.11n20)

Distance: 3m

Model: WPC0GR2231

Manufacturer: Prima

Note: Report NO.:ATE20160895



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2461.913	96.08	-7.34	88.74			peak			
2	4923.826	47.49	0.32	47.81	74.00	26.19	peak			



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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: STAR2015 #1357

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 12V

Test item: Radiation Test

Date: 2016/06/25

Temp.( C)/Hum.(%) 23 C / 48 %

Time: 18:24:31

EUT: WiFi module

Engineer Signature:

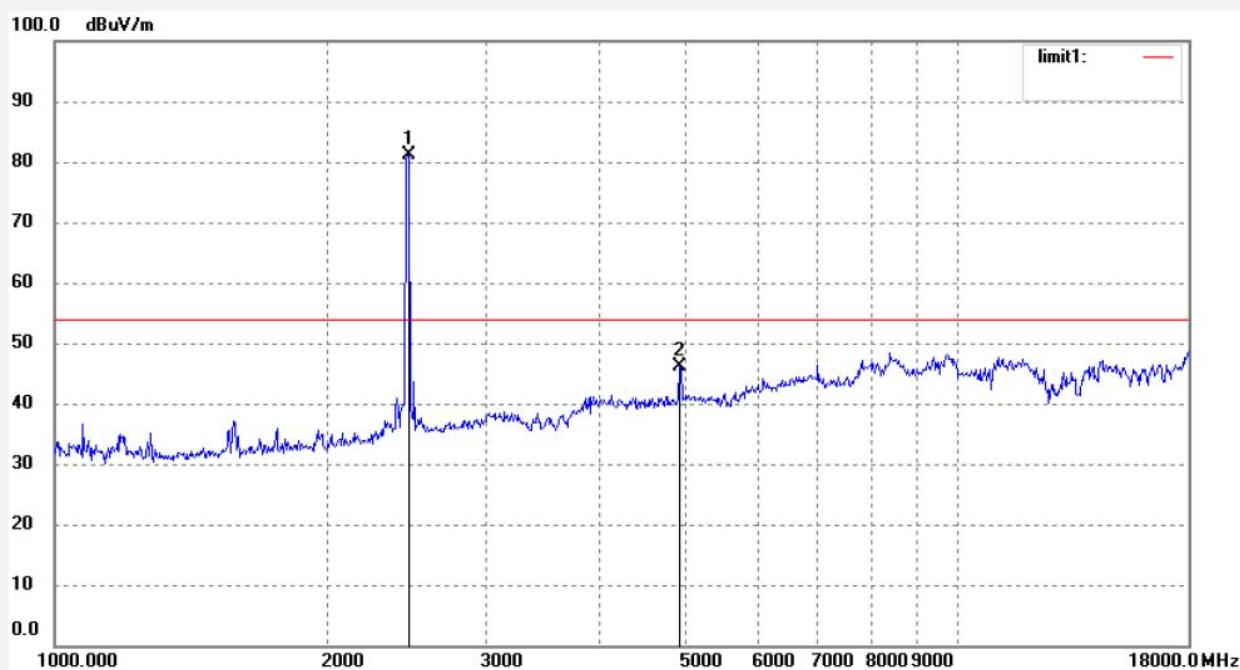
Mode: TX Channel 11(802.11n20)

Distance: 3m

Model: WPC0GR2231

Manufacturer: Prima

Note: Report NO.:ATE20160895



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.024	88.58	-7.35	81.23			peak			
2	4924.048	45.83	0.32	46.15	74.00	27.85	peak			



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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: STAR2015 #1359

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: DC 12V

Test item: Radiation Test

Date: 2016/06/25

Temp.( C)/Hum.(%) 23 C / 48 %

Time: 18:27:49

EUT: WiFi module

Engineer Signature:

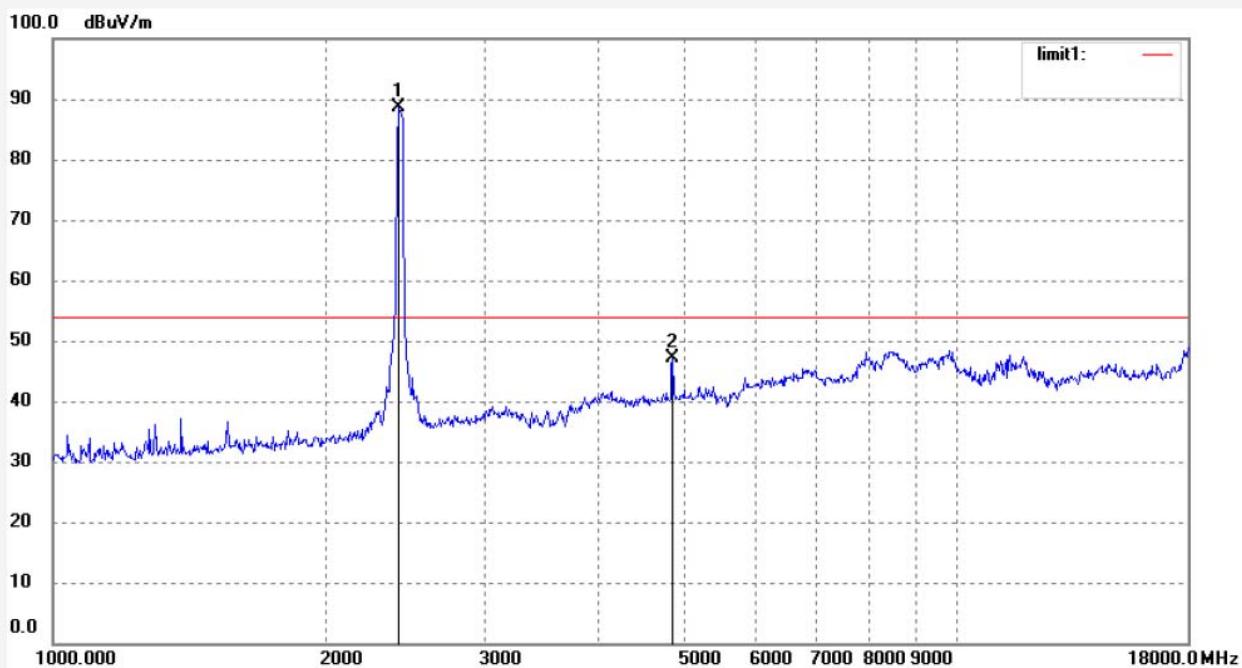
Mode: TX Channel 3(802.11n)40MHz

Distance: 3m

Model: WPC0GR2231

Manufacturer: Prima

Note: Report NO.:ATE20160895



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2421.672	96.09	-7.42	88.67			peak			
2	4843.344	47.26	-0.06	47.20	74.00	26.80	peak			