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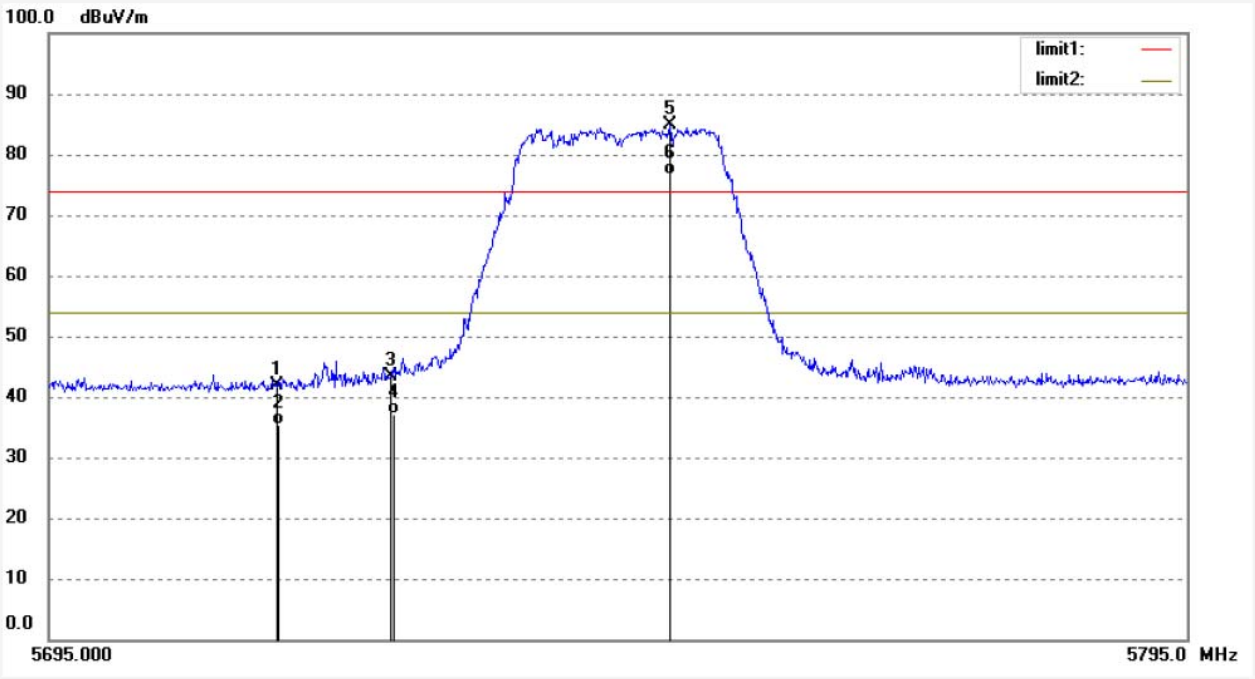
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR2015 #1608	Polarization: Vertical
Standard: FCC PK	Power Source: DC 12V
Test item: Radiation Test	Date: 2016/07/26
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 20:42:25
EUT: WiFi module	Engineer Signature:
Mode: TX Channel 149-802.11N20	Distance: 3m
Model: WPC0GR2231	
Manufacturer: Prima	

Note: Report NO.:ATE20161393



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5715.000	40.52	1.25	41.77	74.00	-32.23	peak			
2	5715.000	34.05	1.25	35.30	54.00	-18.70	AVG			
3	5725.000	42.07	1.34	43.41	74.00	-30.59	peak			
4	5725.000	35.68	1.34	37.02	54.00	-16.98	AVG			
5	5749.400	83.39	1.55	84.94			peak			
6	5749.400	75.14	1.55	76.69			AVG			

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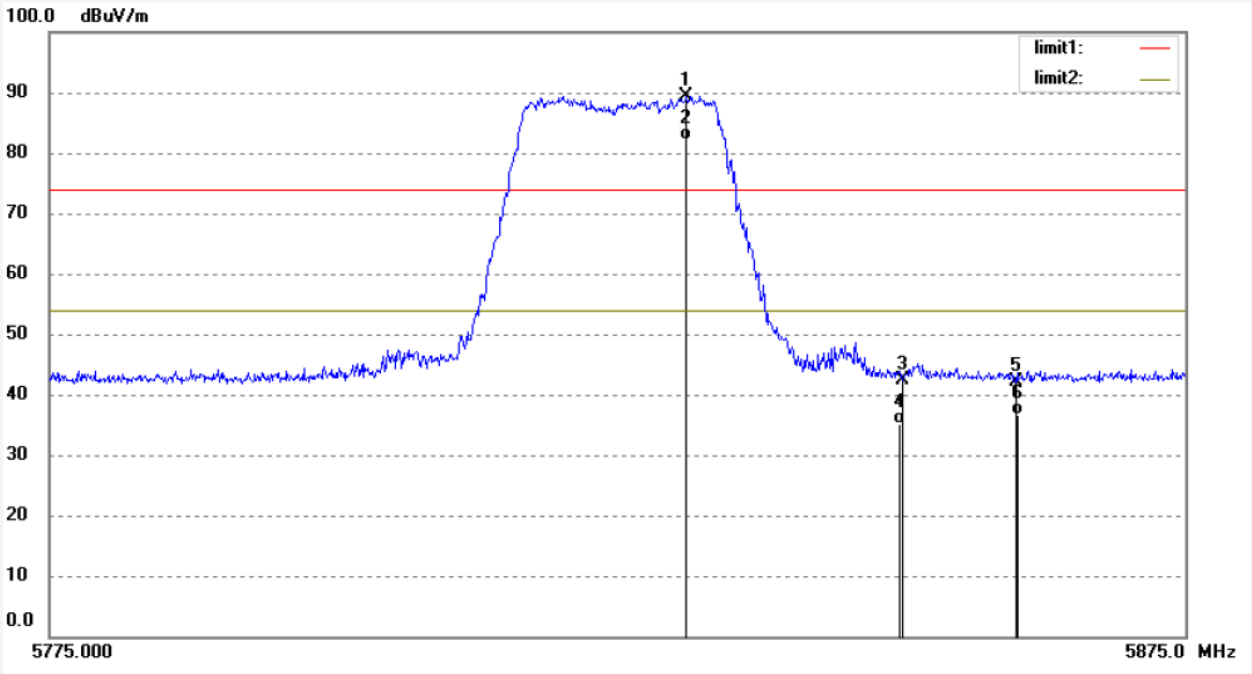
Fax:+86-0755-26503396

Job No.: STAR2015 #1610	Polarization: Horizontal
Standard: FCC PK	Power Source: DC 12V
Test item: Radiation Test	Date: 2016/07/26
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 20:45:15
EUT: WiFi module	Engineer Signature:
Mode: TX Channel 165-802.11N20	Distance: 3m
Model: WPC0GR2231	
Manufacturer: Prima	

Note: Report NO.:ATE20161393



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5830.900	87.48	1.97	89.45			peak			
2	5830.900	80.14	1.97	82.11			AVG			
3	5850.000	40.37	1.96	42.33	74.00	-31.67	peak			
4	5850.000	33.15	1.96	35.11	54.00	-18.89	AVG			
5	5860.000	40.24	1.96	42.20	74.00	-31.80	peak			
6	5860.000	34.62	1.96	36.58	54.00	-17.42	AVG			

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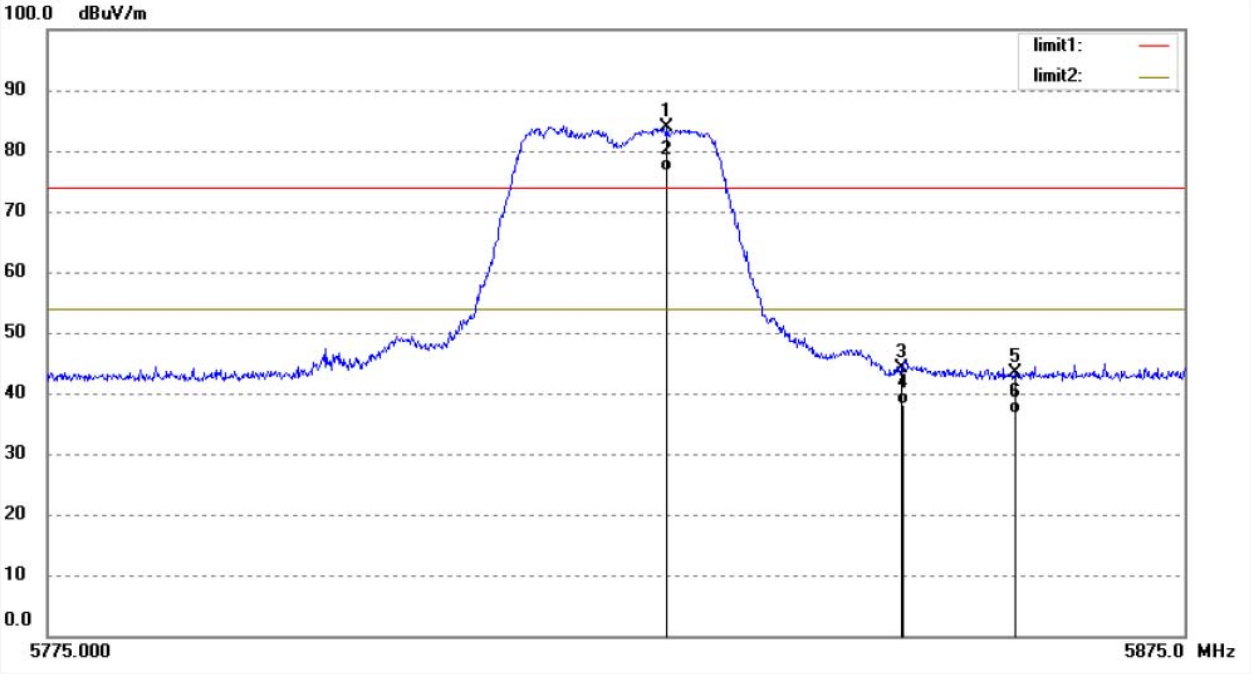
Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR2015 #1611
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: WiFi module
Mode: TX Channel 165-802.11N20
Model: WPC0GR2231
Manufacturer: Prima

Polarization: Vertical
Power Source: DC 12V
Date: 2016/07/26
Time: 20:46:20
Engineer Signature:
Distance: 3m

Note: Report NO.:ATE20161393



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5829.300	81.86	1.97	83.83			peak			
2	5829.300	74.70	1.97	76.67			AVG			
3	5850.000	42.07	1.96	44.03	74.00	-29.97	peak			
4	5850.000	36.05	1.96	38.01	54.00	-15.99	AVG			
5	5860.000	41.41	1.96	43.37	74.00	-30.63	peak			
6	5860.000	34.55	1.96	36.51	54.00	-17.49	AVG			

Test mode: 802.11ac 20MHz TX Frequency: 5180MHz, 5240MHz, 5745MHz, 5825MHz

The EUT is tested Radiated Band Edge at each test mode in three axes. Besides, We have tested the single antenna transmit mode and the dual antenna emission mode. The worst emissions are reflected in the following plots

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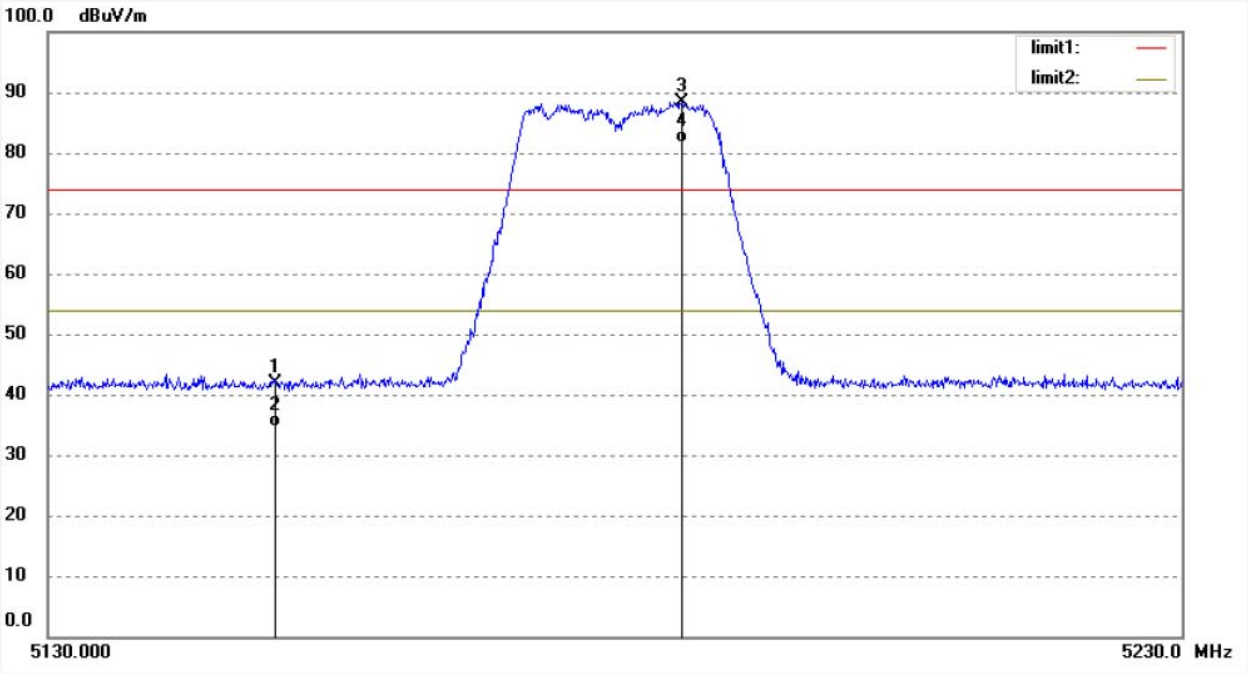
Fax:+86-0755-26503396

Job No.: STAR2015 #1613	Polarization: Horizontal
Standard: FCC PK	Power Source: DC 12V
Test item: Radiation Test	Date: 2016/07/26
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 20:50:00
EUT: WiFi module	Engineer Signature:
Mode: TX Channel 36-802.11AC	Distance: 3m
Model: WPC0GR2231	
Manufacturer: Prima	

Note: Report NO.:ATE20161393



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5150.000	41.29	0.51	41.80	74.00	-32.20	peak			
2	5150.000	34.24	0.51	34.75	54.00	-19.25	AVG			
3	5185.700	87.72	0.63	88.35			peak			
4	5185.700	81.11	0.63	81.74			AVG			

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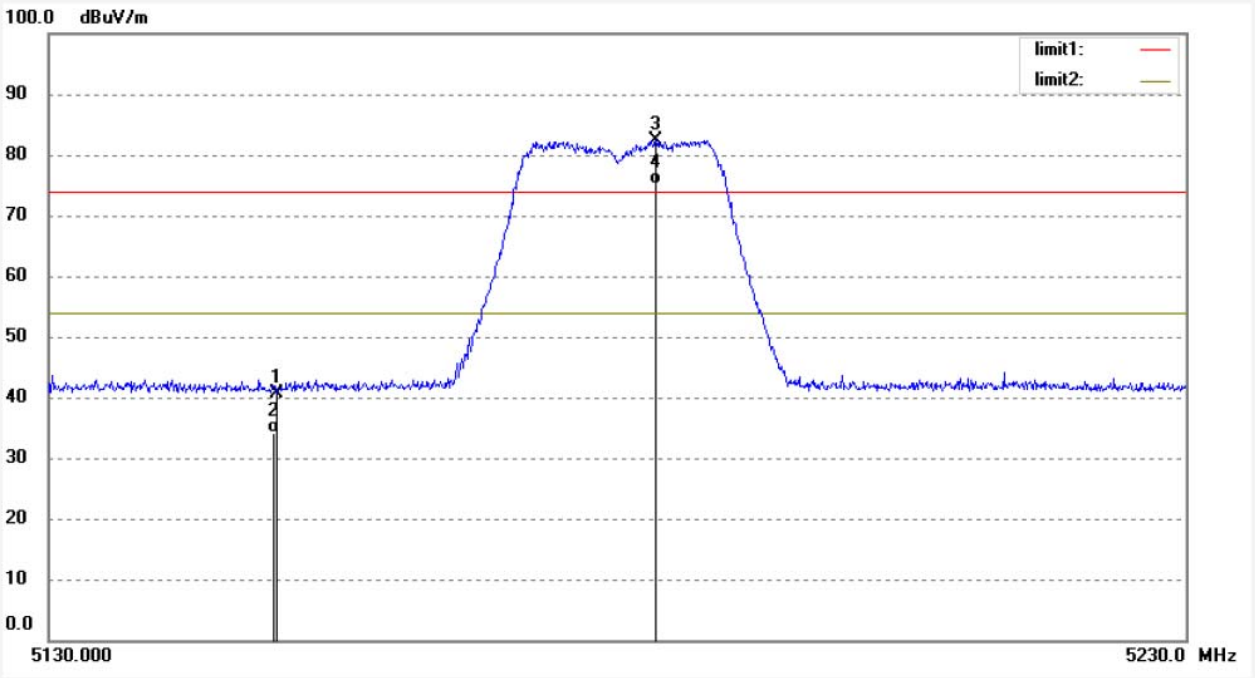
Fax:+86-0755-26503396

Job No.: STAR2015 #1612
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: WiFi module
Mode: TX Channel 36-802.11AC
Model: WPC0GR2231
Manufacturer: Prima

Polarization: Vertical
Power Source: DC 12V
Date: 2016/07/26
Time: 20:49:00
Engineer Signature:
Distance: 3m

Note: Report NO.:ATE20161393



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5150.000	40.21	0.51	40.72	74.00	-33.28	peak			
2	5150.000	33.54	0.51	34.05	54.00	-19.95	AVG			
3	5183.200	81.86	0.63	82.49			peak			
4	5183.200	74.61	0.63	75.24			AVG			

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Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 2# Chamber
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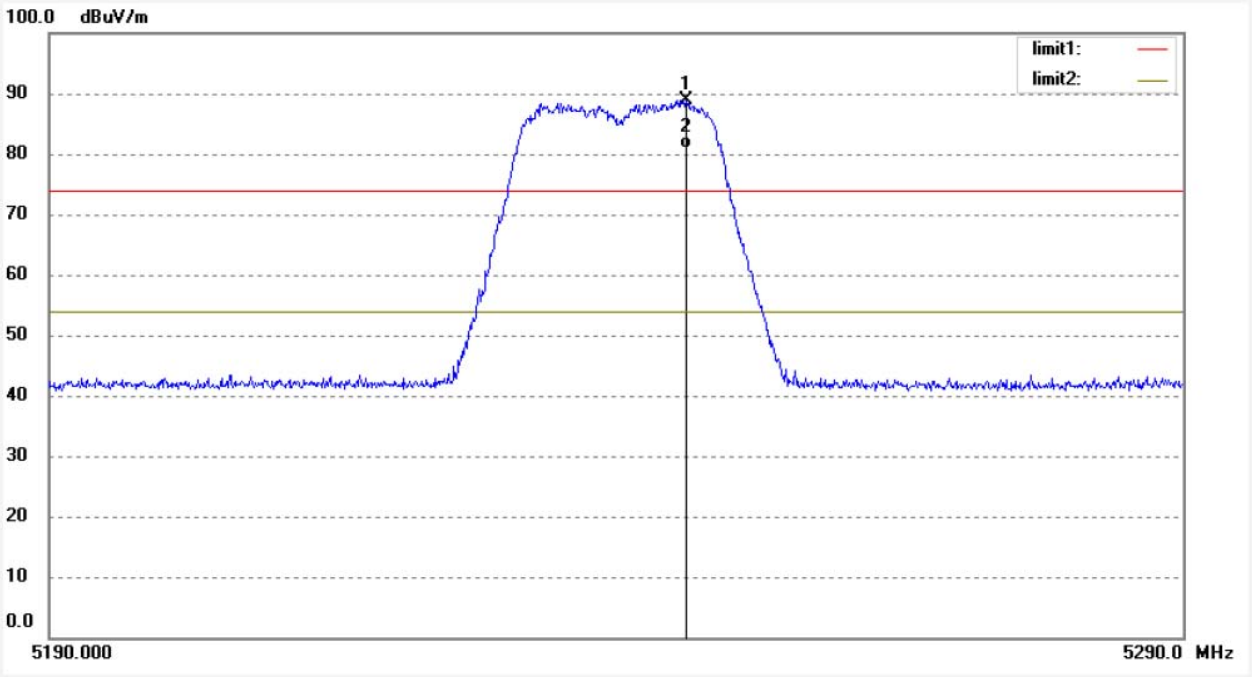
Fax:+86-0755-26503396

Job No.: STAR2015 #1614	Polarization: Horizontal
Standard: FCC PK	Power Source: DC 12V
Test item: Radiation Test	Date: 2016/07/26
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 20:51:32
EUT: WiFi module	Engineer Signature:
Mode: TX Channel 48-802.11AC	Distance: 3m
Model: WPC0GR2231	
Manufacturer: Prima	

Note: Report NO.:ATE20161393



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5246.000	88.12	0.83	88.95			peak			
2	5246.000	80.00	0.83	80.83			AVG			

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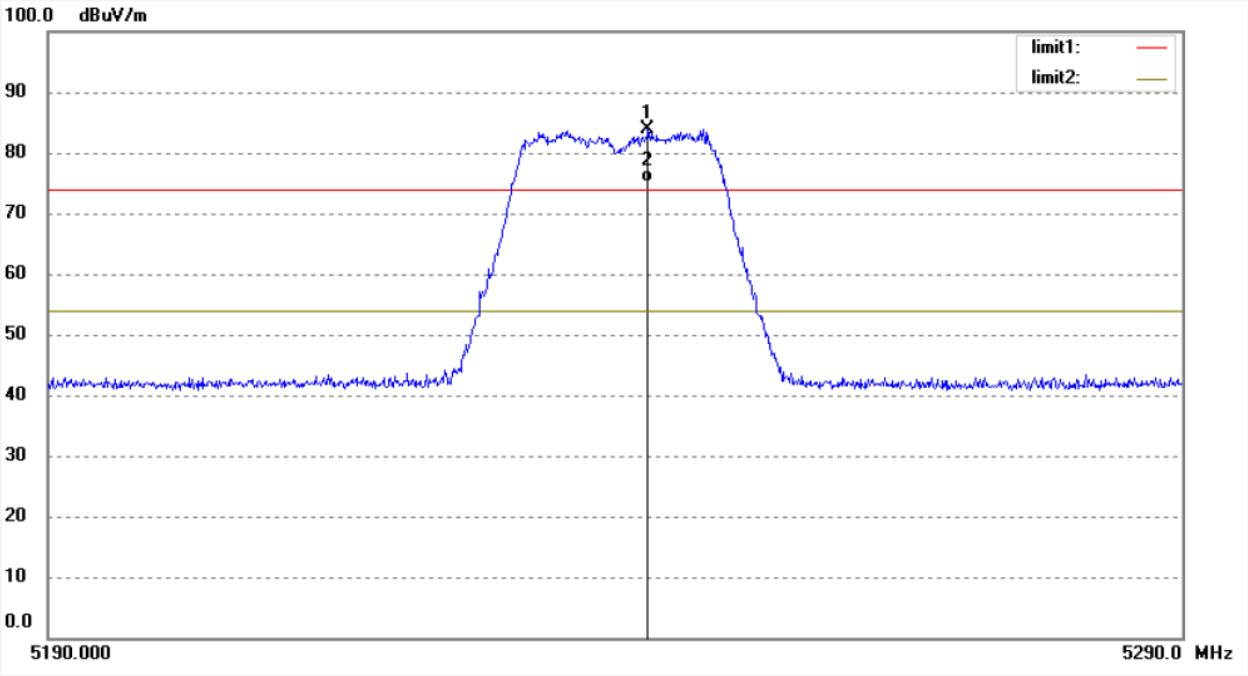
Fax:+86-0755-26503396

Job No.: STAR2015 #1615	Polarization: Vertical
Standard: FCC PK	Power Source: DC 12V
Test item: Radiation Test	Date: 2016/07/26
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 20:52:14
EUT: WiFi module	Engineer Signature:
Mode: TX Channel 48-802.11AC	Distance: 3m
Model: WPC0GR2231	
Manufacturer: Prima	

Note: Report NO.:ATE20161393



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5242.700	82.96	0.83	83.79			peak			
2	5242.700	74.35	0.83	75.18			AVG			

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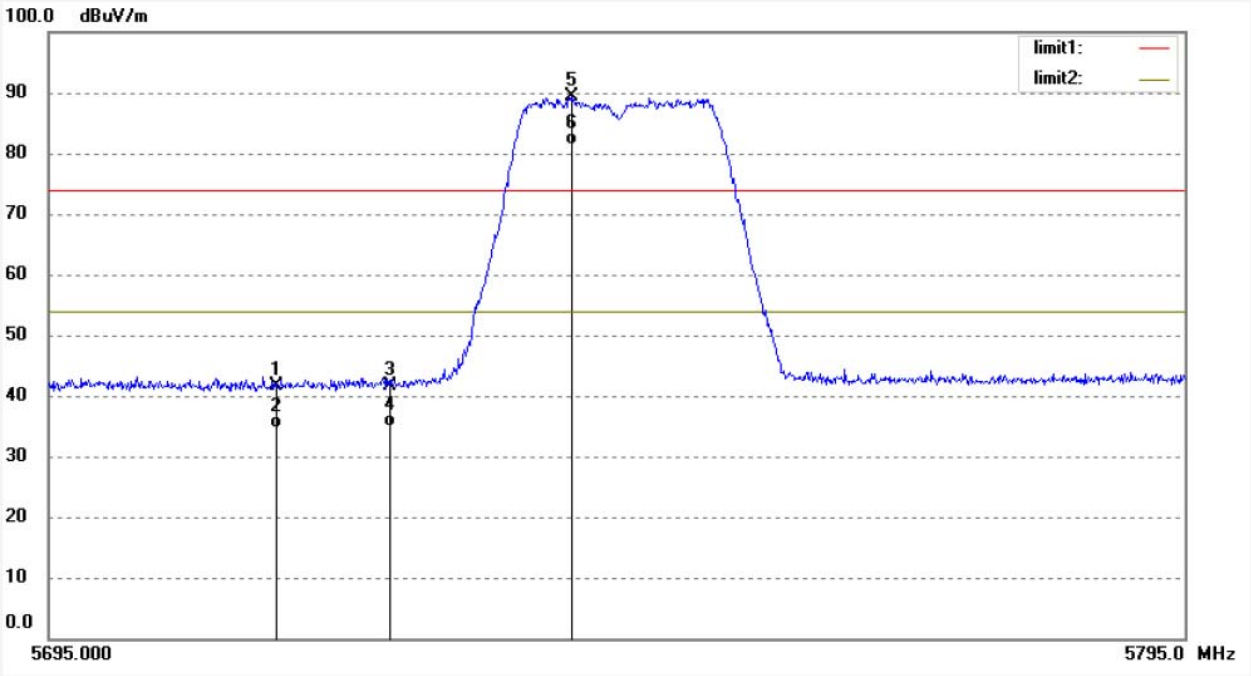
Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR2015 #1617
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: WiFi module
Mode: TX Channel 149-802.11AC
Model: WPC0GR2231
Manufacturer: Prima

Polarization: Horizontal
Power Source: DC 12V
Date: 2016/07/26
Time: 20:54:48
Engineer Signature:
Distance: 3m

Note: Report NO.:ATE20161393



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5715.000	40.29	1.25	41.54	74.00	-32.46	peak			
2	5715.000	33.47	1.25	34.72	54.00	-19.28	AVG			
3	5725.000	40.18	1.34	41.52	74.00	-32.48	peak			
4	5725.000	33.65	1.34	34.99	54.00	-19.01	AVG			
5	5740.900	87.83	1.47	89.30			peak			
6	5740.900	80.02	1.47	81.49			AVG			

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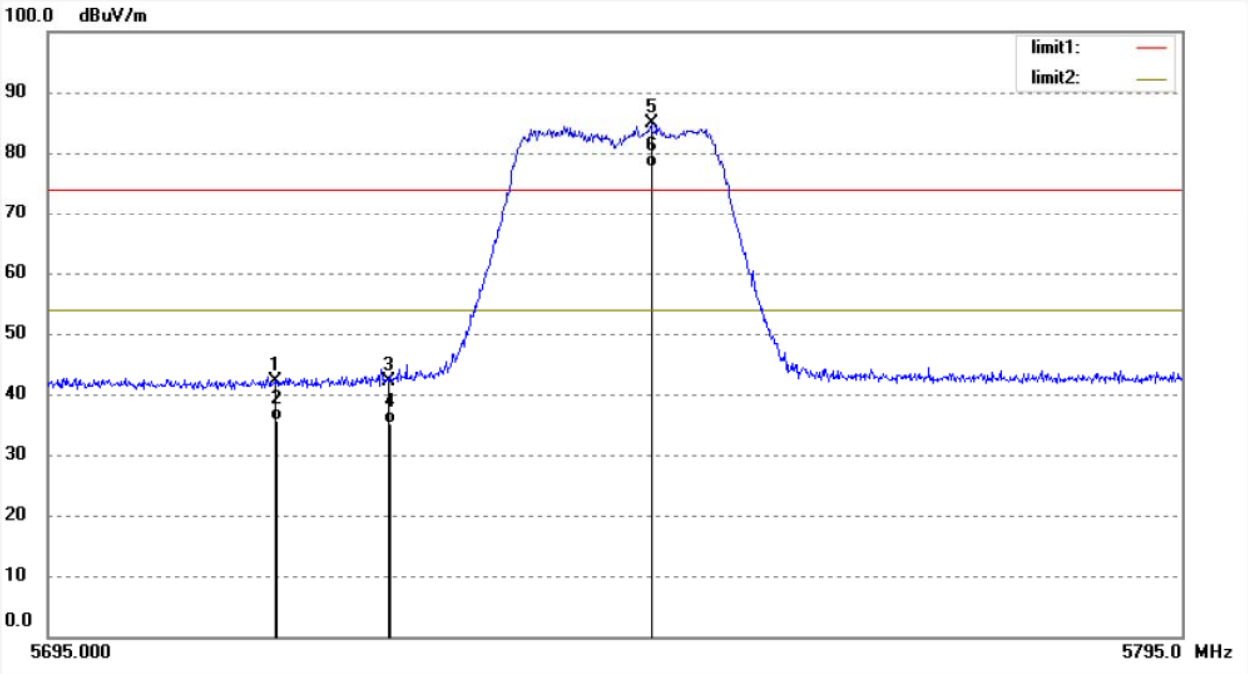
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR2015 #1616
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: WiFi module
Mode: TX Channel 149-802.11AC
Model: WPC0GR2231
Manufacturer: Prima

Polarization: Vertical
Power Source: DC 12V
Date: 2016/07/26
Time: 20:53:49
Engineer Signature:
Distance: 3m

Note: Report NO.:ATE20161393



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5715.000	40.89	1.25	42.14	74.00	-31.86	peak			
2	5715.000	34.27	1.25	35.52	54.00	-18.48	AVG			
3	5725.000	40.75	1.34	42.09	74.00	-31.91	peak			
4	5725.000	33.67	1.34	35.01	54.00	-18.99	AVG			
5	5748.000	83.25	1.53	84.78			peak			
6	5748.000	76.14	1.53	77.67			AVG			

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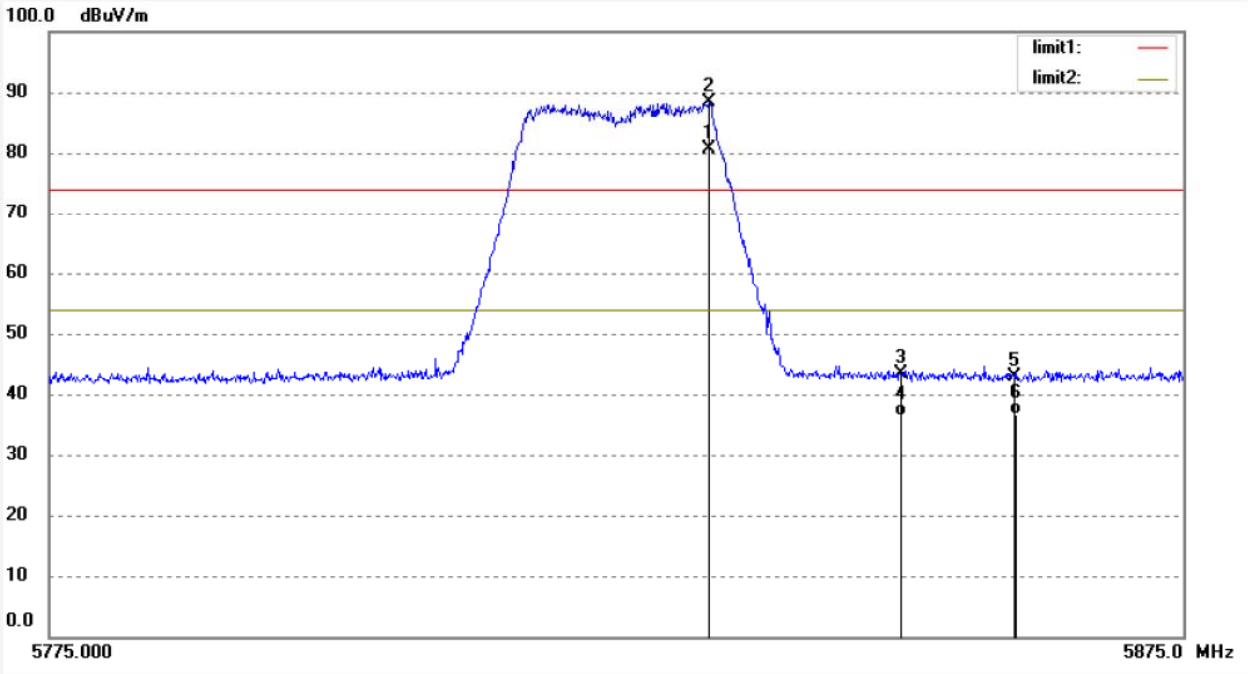
Fax:+86-0755-26503396

Job No.: STAR2015 #1618
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: WiFi module
Mode: TX Channel 165-802.11AC
Model: WPC0GR2231
Manufacturer: Prima

Polarization: Horizontal
Power Source: DC 12V
Date: 2016/07/26
Time: 20:57:03
Engineer Signature:
Distance: 3m

Note: Report NO.:ATE20161393



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5833.000	78.67	1.96	80.63			peak			
2	5833.000	86.47	1.96	88.43			peak			
3	5850.000	41.38	1.96	43.34	74.00	-30.66	peak			
4	5850.000	34.40	1.96	36.36	54.00	-17.64	AVG			
5	5860.000	41.02	1.96	42.98	74.00	-31.02	peak			
6	5860.000	34.67	1.96	36.63	54.00	-17.37	AVG			

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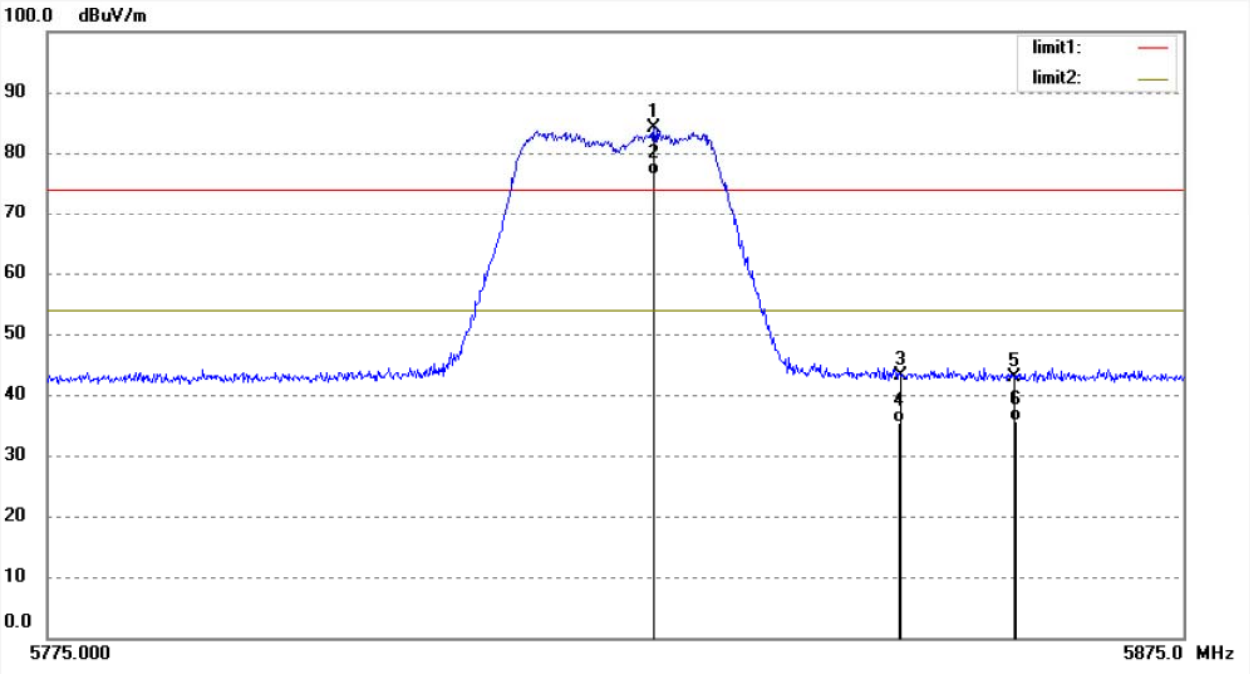
Fax:+86-0755-26503396

Job No.: STAR2015 #1619	Polarization: Vertical
Standard: FCC PK	Power Source: DC 12V
Test item: Radiation Test	Date: 2016/07/26
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 20:57:55
EUT: WiFi module	Engineer Signature:
Mode: TX Channel 165-802.11AC	Distance: 3m
Model: WPC0GR2231	
Manufacturer: Prima	

Note: Report NO.:ATE20161393



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5828.200	82.23	1.98	84.21			peak			
2	5828.200	74.31	1.98	76.29			AVG			
3	5850.000	41.05	1.96	43.01	74.00	-30.99	peak			
4	5850.000	33.40	1.96	35.36	54.00	-18.64	AVG			
5	5860.000	40.95	1.96	42.91	74.00	-31.09	peak			
6	5860.000	33.62	1.96	35.58	54.00	-18.42	AVG			

Test mode: 802.11N 40MHz TX Frequency: 5190MHz, 5230MHz, 5755MHz, 5795MHz

The EUT is tested Radiated Band Edge at each test mode in three axes. Besides, We have tested the single antenna transmit mode and the dual antenna emission mode. The worst emissions are reflected in the following plots

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F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
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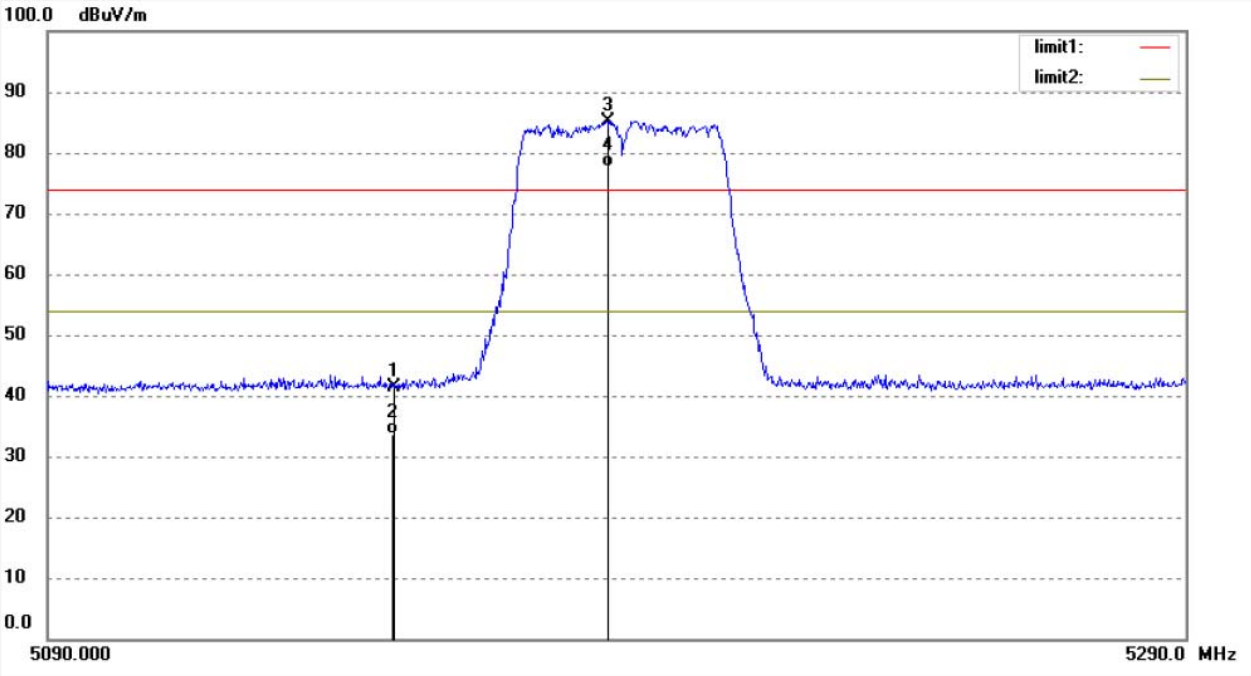
Fax:+86-0755-26503396

Job No.: STAR2015 #1621
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: WiFi module
Mode: TX Channel 38-802.11N40
Model: WPC0GR2231
Manufacturer: Prima

Polarization: Horizontal
Power Source: DC 12V
Date: 2016/07/26
Time: 21:01:40
Engineer Signature:
Distance: 3m

Note: Report NO.:ATE20161393



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5150.000	40.79	0.51	41.30	74.00	-32.70	peak			
2	5150.000	33.00	0.51	33.51	54.00	-20.49	AVG			
3	5187.600	84.54	0.64	85.18			peak			
4	5187.600	77.10	0.64	77.74			AVG			

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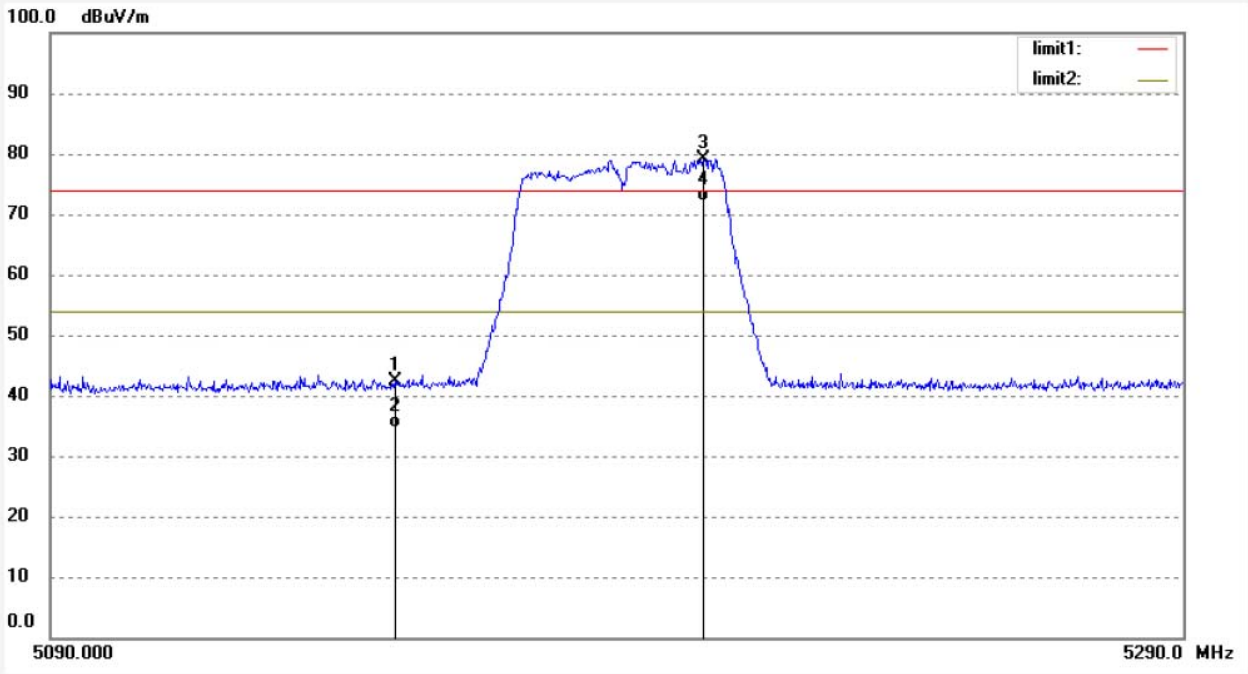
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR2015 #1620
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: WiFi module
Mode: TX Channel 38-802.11N40
Model: WPC0GR2231
Manufacturer: Prima

Polarization: Vertical
Power Source: DC 12V
Date: 2016/07/26
Time: 21:00:33
Engineer Signature:
Distance: 3m

Note: Report NO.:ATE20161393



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5150.000	41.94	0.51	42.45	74.00	-31.55	peak			
2	5150.000	34.07	0.51	34.58	54.00	-19.42	AVG			
3	5204.600	78.41	0.70	79.11			peak			
4	5204.600	71.49	0.70	72.19			AVG			

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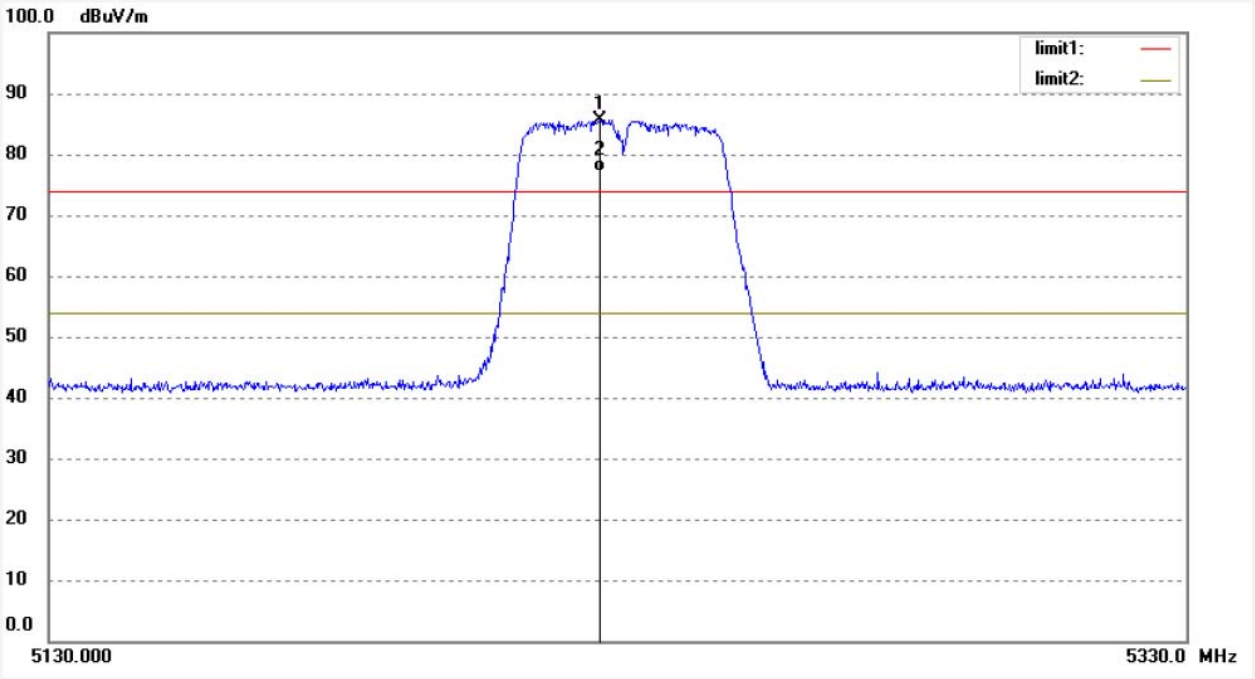
Fax:+86-0755-26503396

Job No.: STAR2015 #1622	Polarization: Horizontal
Standard: FCC PK	Power Source: DC 12V
Test item: Radiation Test	Date: 2016/07/26
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 21:04:20
EUT: WiFi module	Engineer Signature:
Mode: TX Channel 46-802.11N40	Distance: 3m
Model: WPC0GR2231	
Manufacturer: Prima	

Note: Report NO.:ATE20161393



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5226.200	84.94	0.77	85.71			peak			
2	5226.200	76.47	0.77	77.24			AVG			

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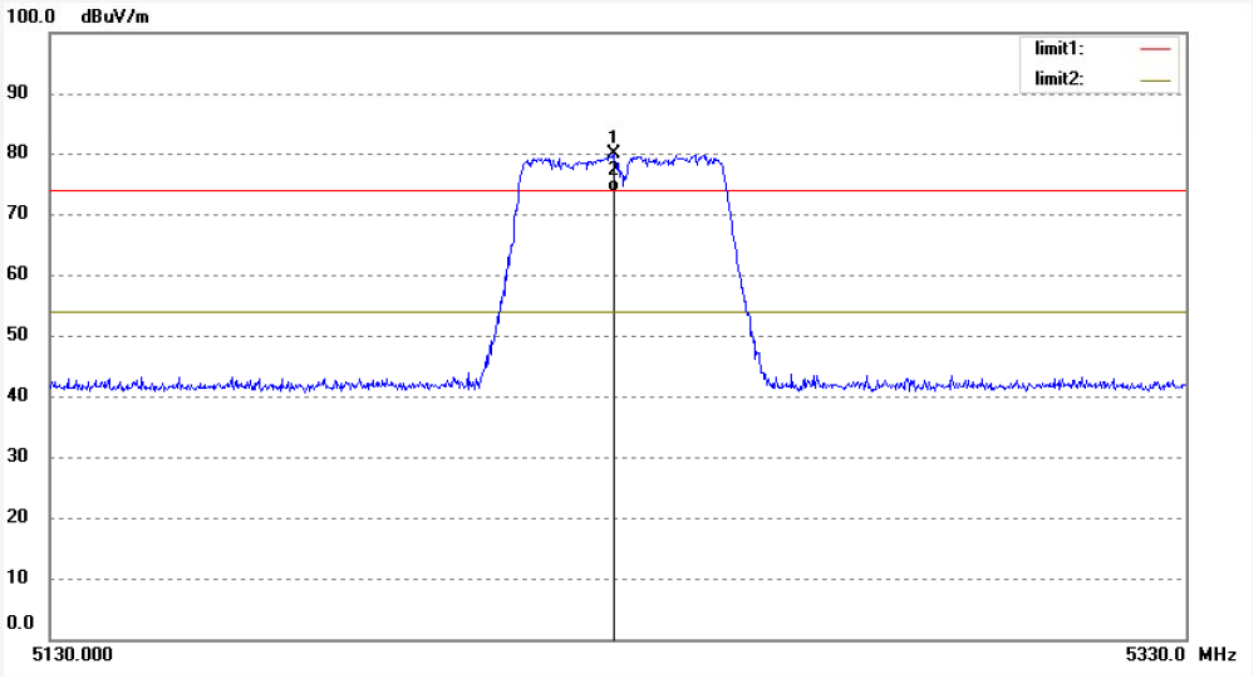
Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR2015 #1623	Polarization: Vertical
Standard: FCC PK	Power Source: DC 12V
Test item: Radiation Test	Date: 2016/07/26
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 21:05:02
EUT: WiFi module	Engineer Signature:
Mode: TX Channel 46-802.11N40	Distance: 3m
Model: WPC0GR2231	
Manufacturer: Prima	

Note: Report NO.:ATE20161393



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5228.400	79.21	0.78	79.99			peak			
2	5228.400	72.78	0.78	73.56			AVG			

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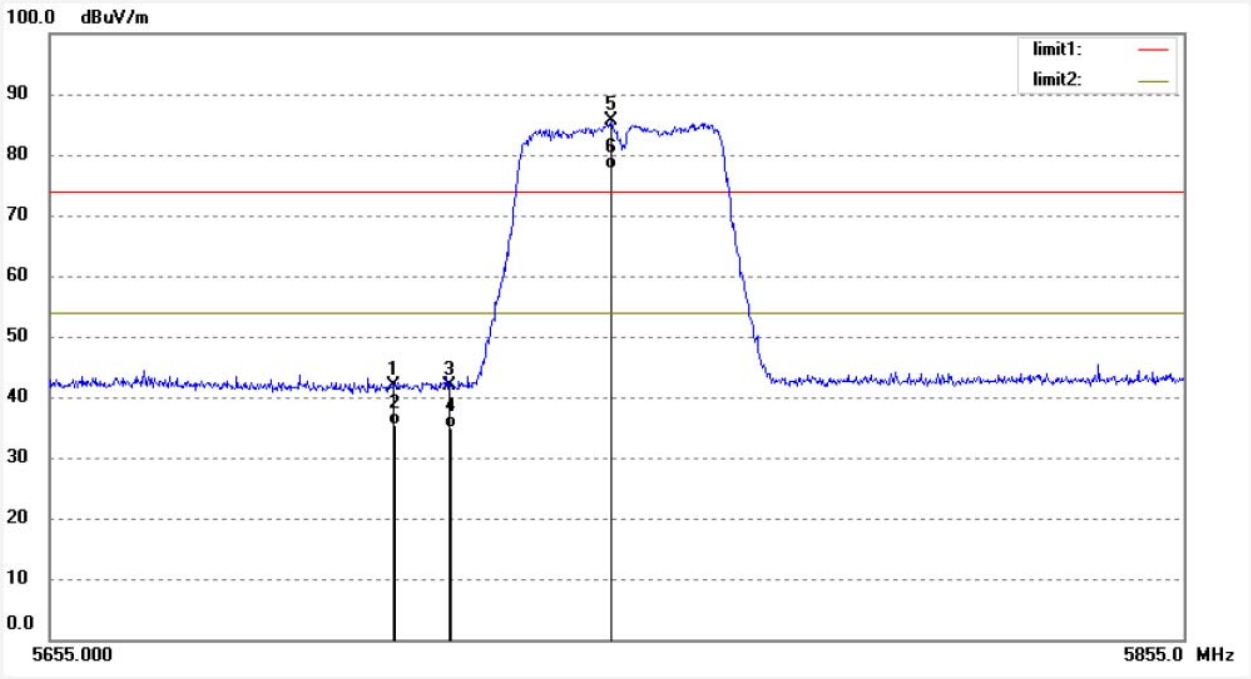
Fax:+86-0755-26503396

Job No.: STAR2015 #1625	Polarization: Horizontal
Standard: FCC PK	Power Source: DC 12V
Test item: Radiation Test	Date: 2016/07/26
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 21:07:21
EUT: WiFi module	Engineer Signature:
Mode: TX Channel 151-802.11N40	Distance: 3m
Model: WPC0GR2231	
Manufacturer: Prima	

Note: Report NO.:ATE20161393



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5715.000	40.69	1.25	41.94	74.00	-32.06	peak			
2	5715.000	34.17	1.25	35.42	54.00	-18.58	AVG			
3	5725.000	40.53	1.34	41.87	74.00	-32.13	peak			
4	5725.000	33.58	1.34	34.92	54.00	-19.08	AVG			
5	5753.200	84.07	1.58	85.65			peak			
6	5753.200	76.14	1.58	77.72			AVG			

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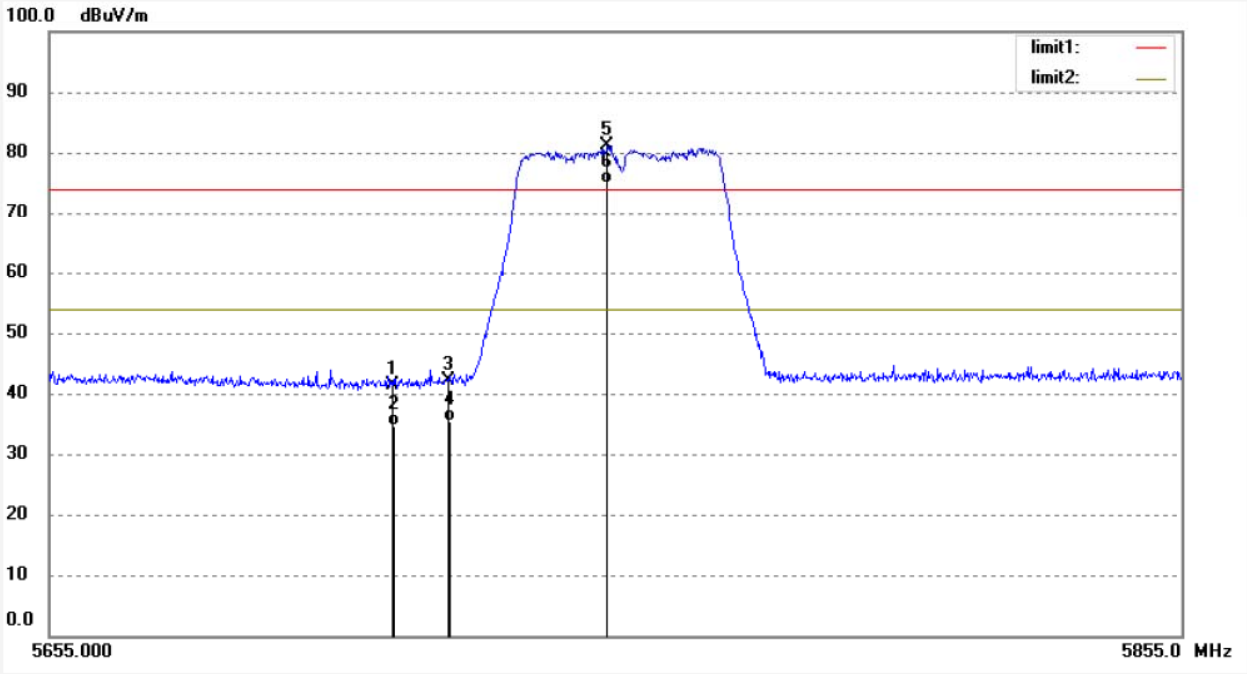
Job No.: STAR2015 #1624
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: WiFi module
Mode: TX Channel 151-802.11N40
Model: WPC0GR2231
Manufacturer: Prima

Polarization: Vertical
Power Source: DC 12V
Date: 2016/07/26
Time: 21:06:31
Engineer Signature:
Distance: 3m

Note: Report NO.:ATE20161393



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5715.000	40.05	1.25	41.30	74.00	-32.70	peak			
2	5715.000	33.47	1.25	34.72	54.00	-19.28	AVG			
3	5725.000	40.91	1.34	42.25	74.00	-31.75	peak			
4	5725.000	34.05	1.34	35.39	54.00	-18.61	AVG			
5	5752.800	79.56	1.57	81.13			peak			
6	5752.800	73.41	1.57	74.98			AVG			

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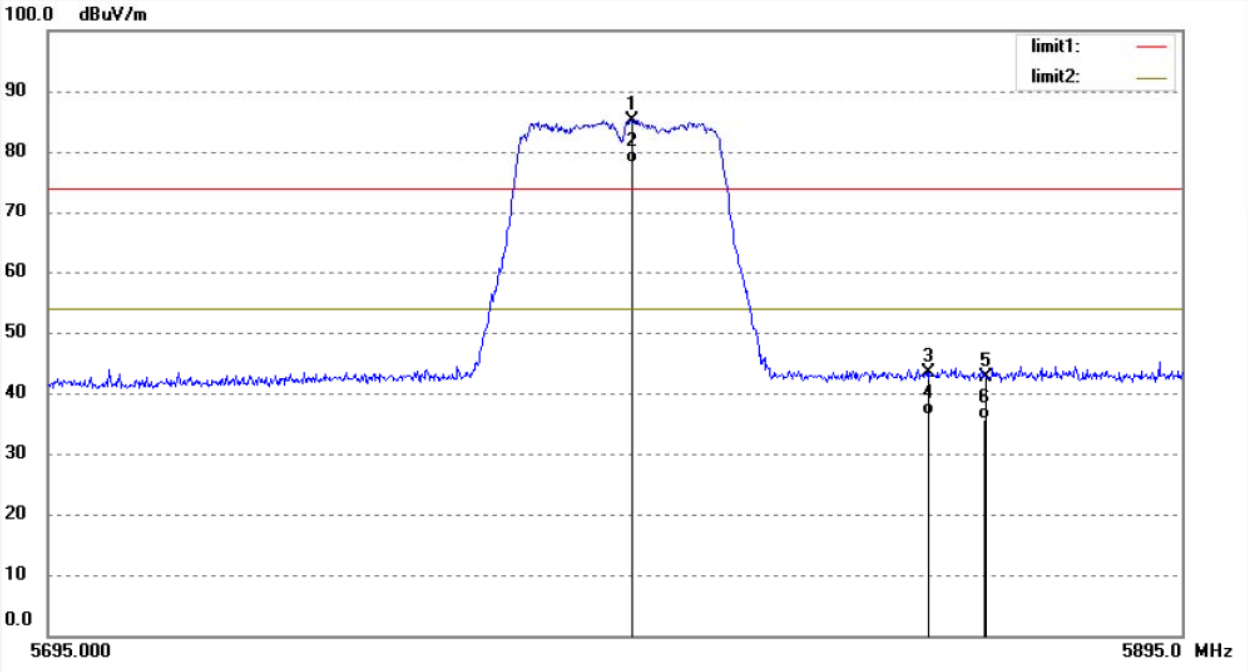
Fax:+86-0755-26503396

Job No.: STAR2015 #1627
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: WiFi module
Mode: TX Channel 159-802.11N40
Model: WPC0GR2231
Manufacturer: Prima

Polarization: Horizontal
Power Source: DC 12V
Date: 2016/07/26
Time: 21:10:50
Engineer Signature:
Distance: 3m

Note: Report NO.:ATE20161393



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5797.200	83.29	1.96	85.25			peak			
2	5797.200	76.17	1.96	78.13			AVG			
3	5850.000	41.46	1.96	43.42	74.00	-30.58	peak			
4	5850.000	34.40	1.96	36.36	54.00	-17.64	AVG			
5	5860.000	40.66	1.96	42.62	74.00	-31.38	peak			
6	5860.000	33.58	1.96	35.54	54.00	-18.46	AVG			

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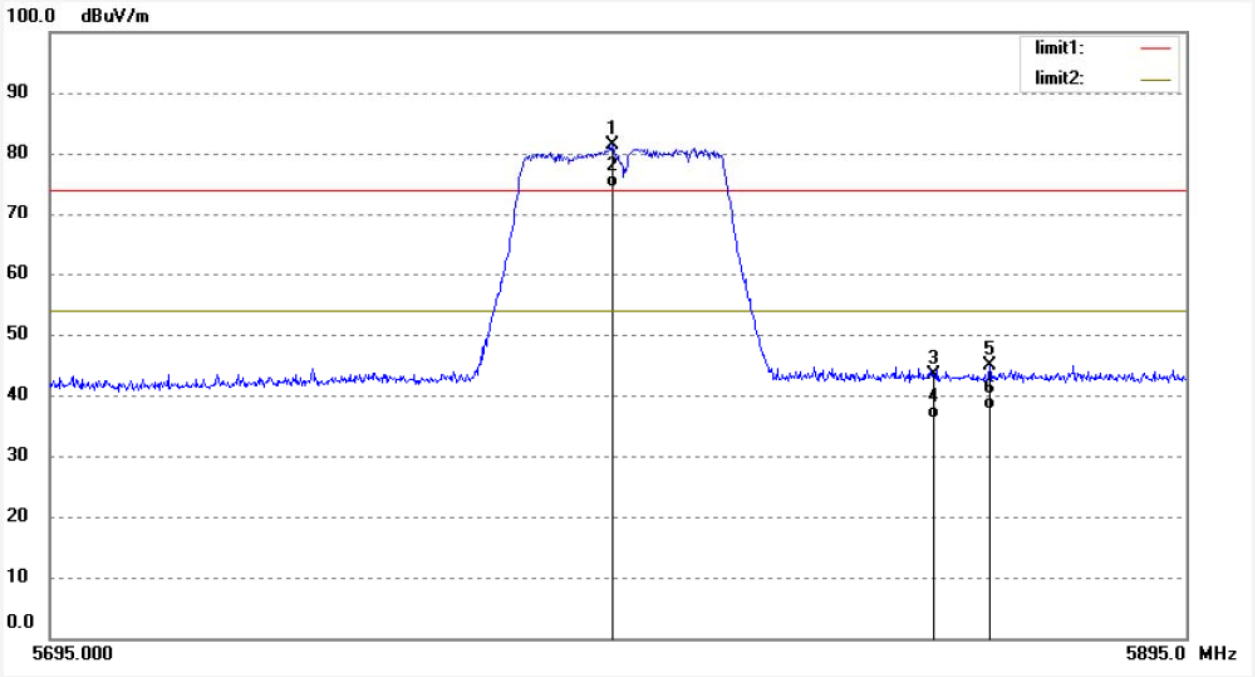
Job No.: STAR2015 #1626	Polarization: Vertical
Standard: FCC PK	Power Source: DC 12V
Test item: Radiation Test	Date: 2016/07/26
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 21:09:57
EUT: WiFi module	Engineer Signature:
Mode: TX Channel 159-802.11N40	Distance: 3m
Model: WPC0GR2231	
Manufacturer: Prima	

Note: Report NO.:ATE20161393



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5793.200	79.41	1.92	81.33			peak			
2	5793.200	72.34	1.92	74.26			AVG			
3	5850.000	41.42	1.96	43.38	74.00	-30.62	peak			
4	5850.000	34.14	1.96	36.10	54.00	-17.90	AVG			
5	5860.000	42.89	1.96	44.85	74.00	-29.15	peak			
6	5860.000	35.69	1.96	37.65	54.00	-16.35	AVG			

Test mode: 802.11ac 40MHz TX Frequency: 5190MHz, 5230MHz, 5755MHz, 5795MHz

The EUT is tested Radiated Band Edge at each test mode in three axes. Besides, We have tested the single antenna transmit mode and the dual antenna emission mode. The worst emissions are reflected in the following plots

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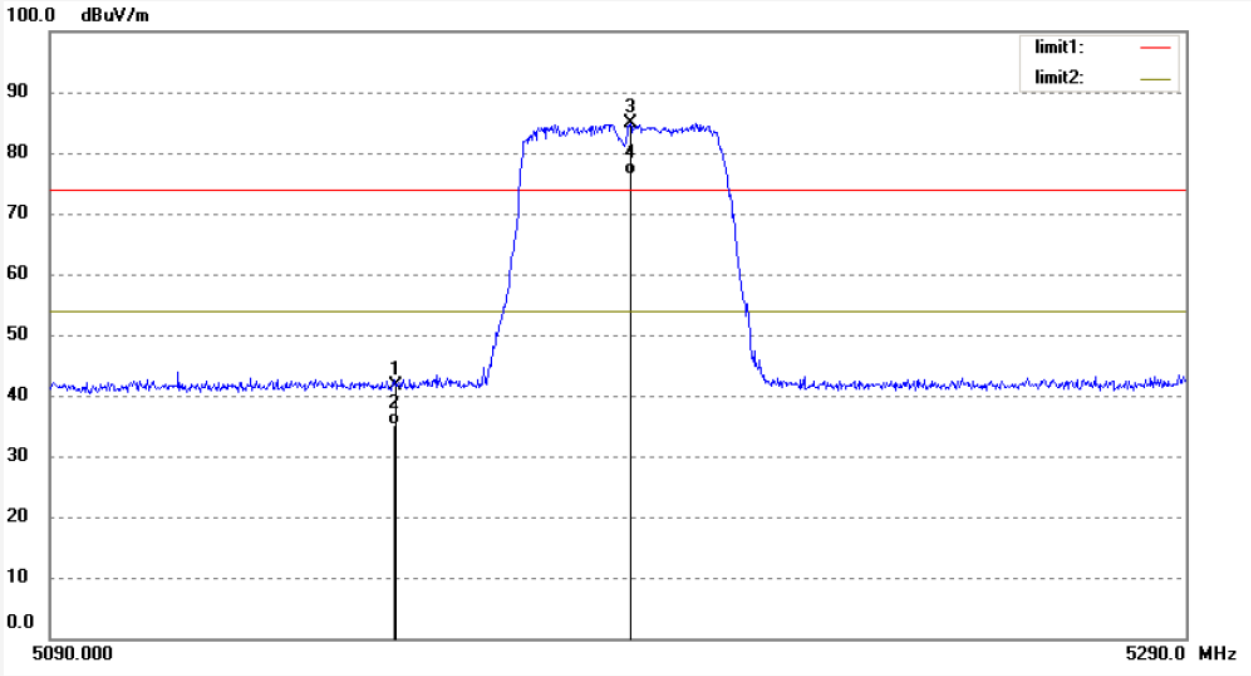
Fax:+86-0755-26503396

Job No.: STAR2015 #1628	Polarization: Horizontal
Standard: FCC PK	Power Source: DC 12V
Test item: Radiation Test	Date: 2016/07/26
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 21:13:21
EUT: WiFi module	Engineer Signature:
Mode: TX Channel 38-802.11AC40	Distance: 3m
Model: WPC0GR2231	
Manufacturer: Prima	

Note: Report NO.:ATE20161393



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5150.000	41.01	0.51	41.52	74.00	-32.48	peak			
2	5150.000	34.55	0.51	35.06	54.00	-18.94	AVG			
3	5191.400	84.33	0.65	84.98			peak			
4	5191.400	75.68	0.65	76.33			AVG			

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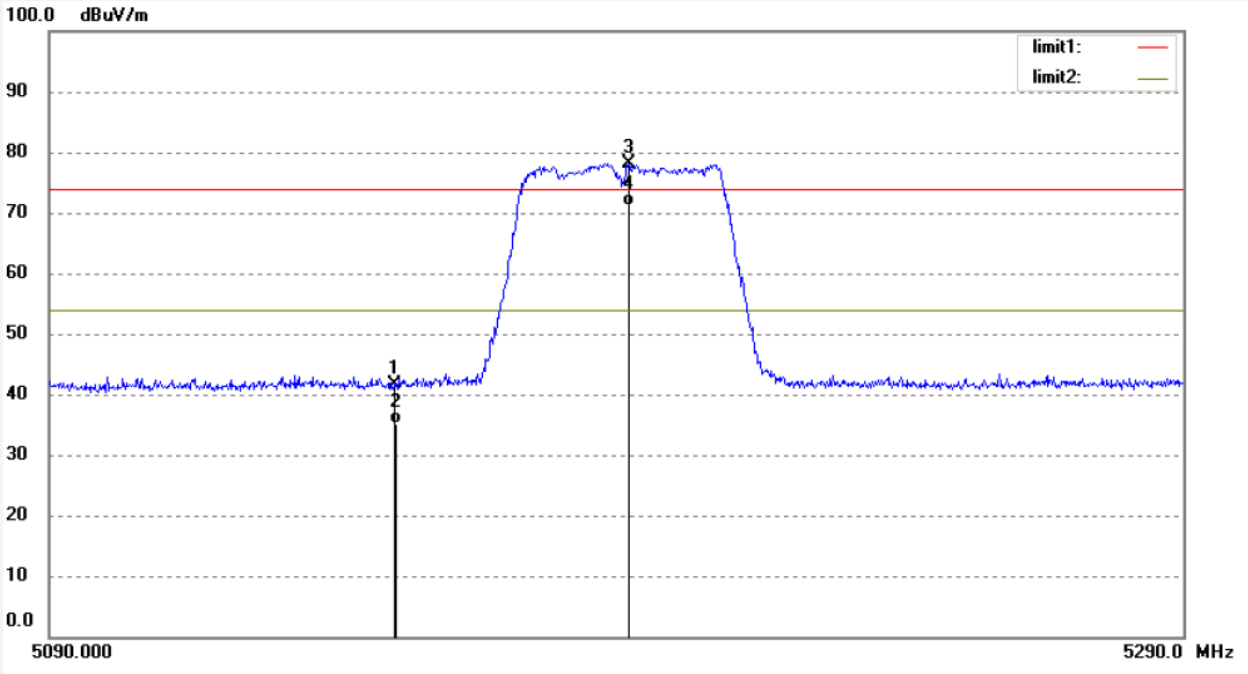
Job No.: STAR2015 #1629
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: WiFi module
Mode: TX Channel 38-802.11AC40
Model: WPC0GR2231
Manufacturer: Prima

Polarization: Vertical
Power Source: DC 12V
Date: 2016/07/26
Time: 21:14:36
Engineer Signature:
Distance: 3m

Note: Report NO.:ATE20161393



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5150.000	41.18	0.51	41.69	74.00	-32.31	peak			
2	5150.000	34.51	0.51	35.02	54.00	-18.98	AVG			
3	5191.400	77.59	0.65	78.24			peak			
4	5191.400	70.47	0.65	71.12			AVG			

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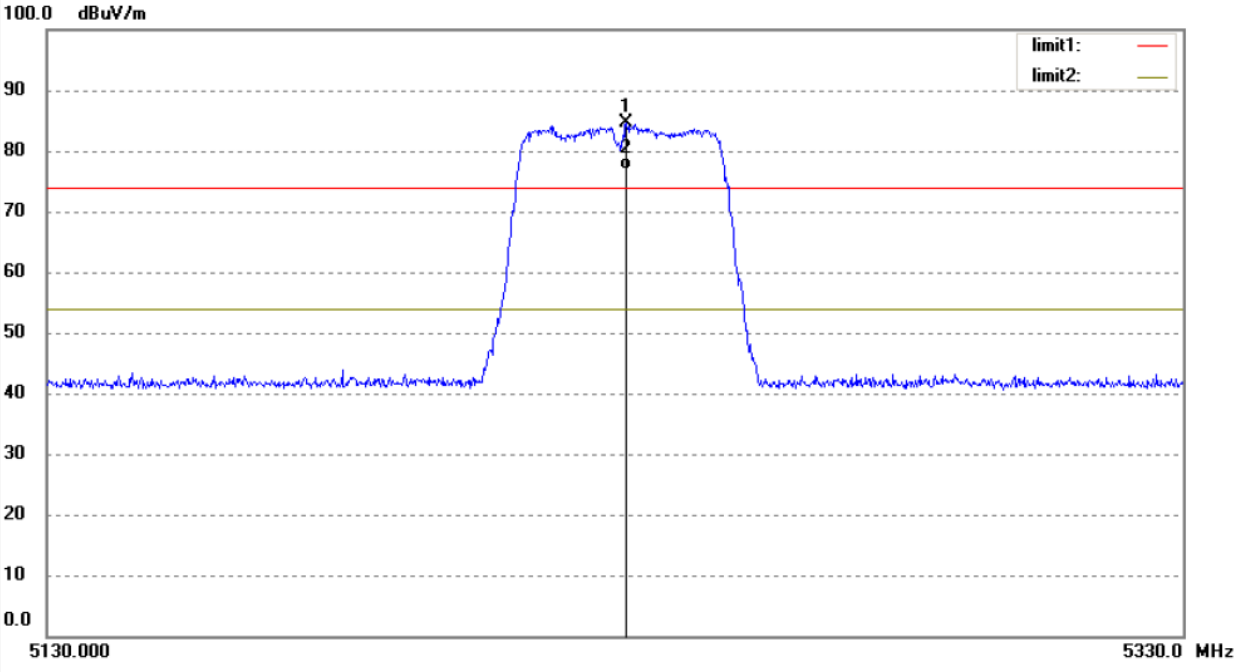
Job No.: STAR2015 #1631	Polarization: Horizontal
Standard: FCC PK	Power Source: DC 12V
Test item: Radiation Test	Date: 2016/07/26
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 21:17:08
EUT: WiFi module	Engineer Signature:
Mode: TX Channel 46-802.11AC40	Distance: 3m
Model: WPC0GR2231	
Manufacturer: Prima	

Note: Report NO.:ATE20161393



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5231.200	83.76	0.78	84.54			peak			
2	5231.200	76.14	0.78	76.92			AVG			

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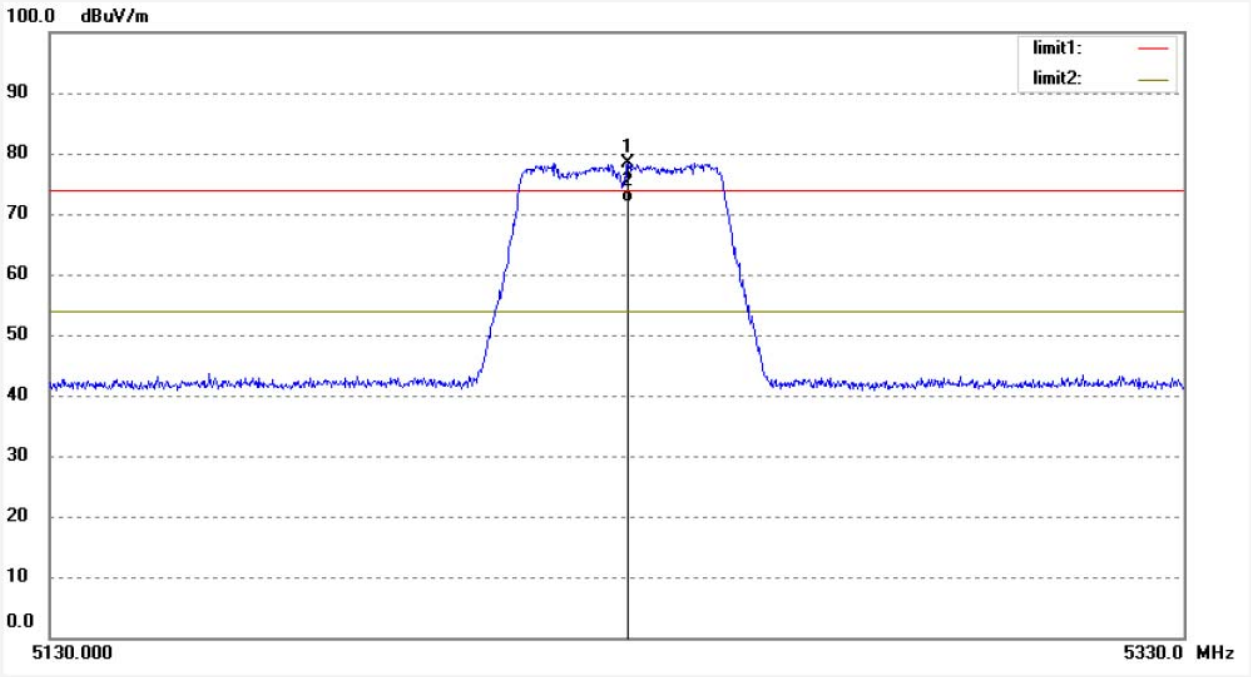
Job No.: STAR2015 #1630	Polarization: Vertical
Standard: FCC PK	Power Source: DC 12V
Test item: Radiation Test	Date: 2016/07/26
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 21:16:21
EUT: WiFi module	Engineer Signature:
Mode: TX Channel 46-802.11AC40	Distance: 3m
Model: WPC0GR2231	
Manufacturer: Prima	

Note: Report NO.:ATE20161393



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5231.200	77.61	0.78	78.39			peak			
2	5231.200	71.02	0.78	71.80			AVG			

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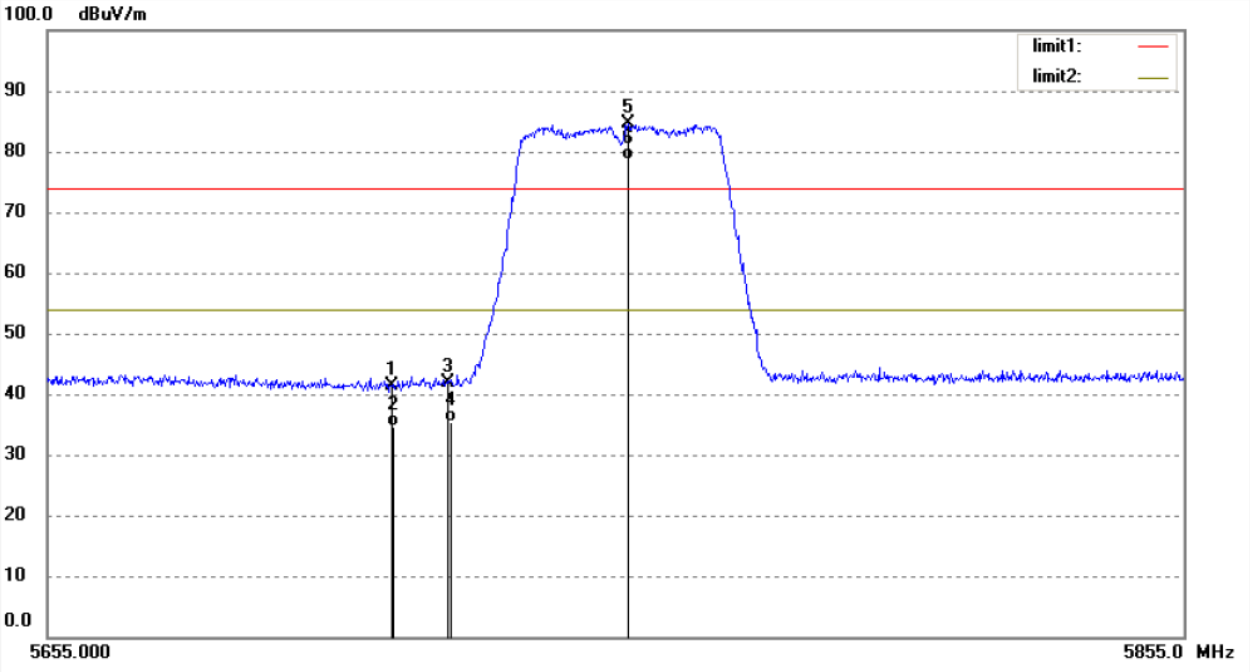
Job No.: STAR2015 #1632	Polarization: Horizontal
Standard: FCC PK	Power Source: DC 12V
Test item: Radiation Test	Date: 2016/07/26
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 21:19:18
EUT: WiFi module	Engineer Signature:
Mode: TX Channel 151-802.11AC40	Distance: 3m
Model: WPC0GR2231	
Manufacturer: Prima	

Note: Report NO.:ATE20161393



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5715.000	40.17	1.25	41.42	74.00	-32.58	peak			
2	5715.000	33.45	1.25	34.70	54.00	-19.30	AVG			
3	5725.000	40.65	1.34	41.99	74.00	-32.01	peak			
4	5725.000	34.15	1.34	35.49	54.00	-18.51	AVG			
5	5756.400	83.12	1.61	84.73			peak			
6	5756.400	77.14	1.61	78.75			AVG			

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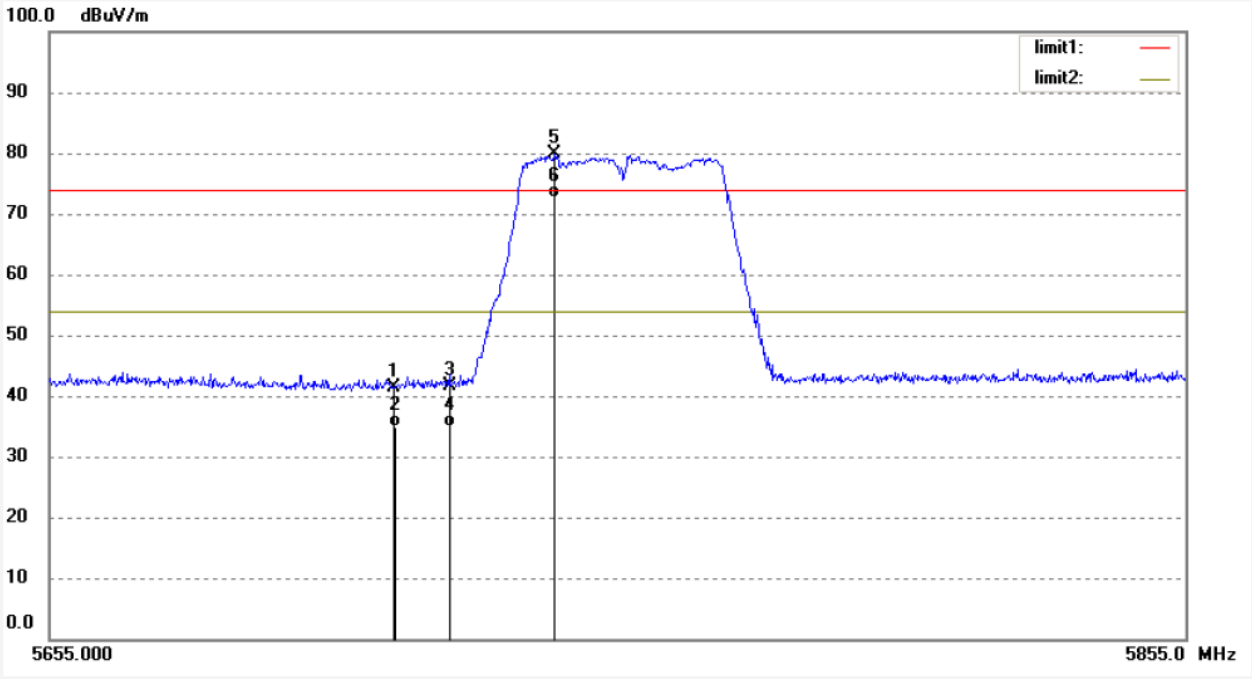
Job No.: STAR2015 #1633
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: WiFi module
Mode: TX Channel 151-802.11AC40
Model: WPC0GR2231
Manufacturer: Prima

Polarization: Vertical
Power Source: DC 12V
Date: 2016/07/26
Time: 21:20:18
Engineer Signature:
Distance: 3m

Note: Report NO.:ATE20161393



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5715.000	40.07	1.25	41.32	74.00	-32.68	peak			
2	5715.000	33.57	1.25	34.82	54.00	-19.18	AVG			
3	5725.000	40.20	1.34	41.54	74.00	-32.46	peak			
4	5725.000	33.64	1.34	34.98	54.00	-19.02	AVG			
5	5743.200	78.44	1.49	79.93			peak			
6	5743.200	71.22	1.49	72.71			AVG			

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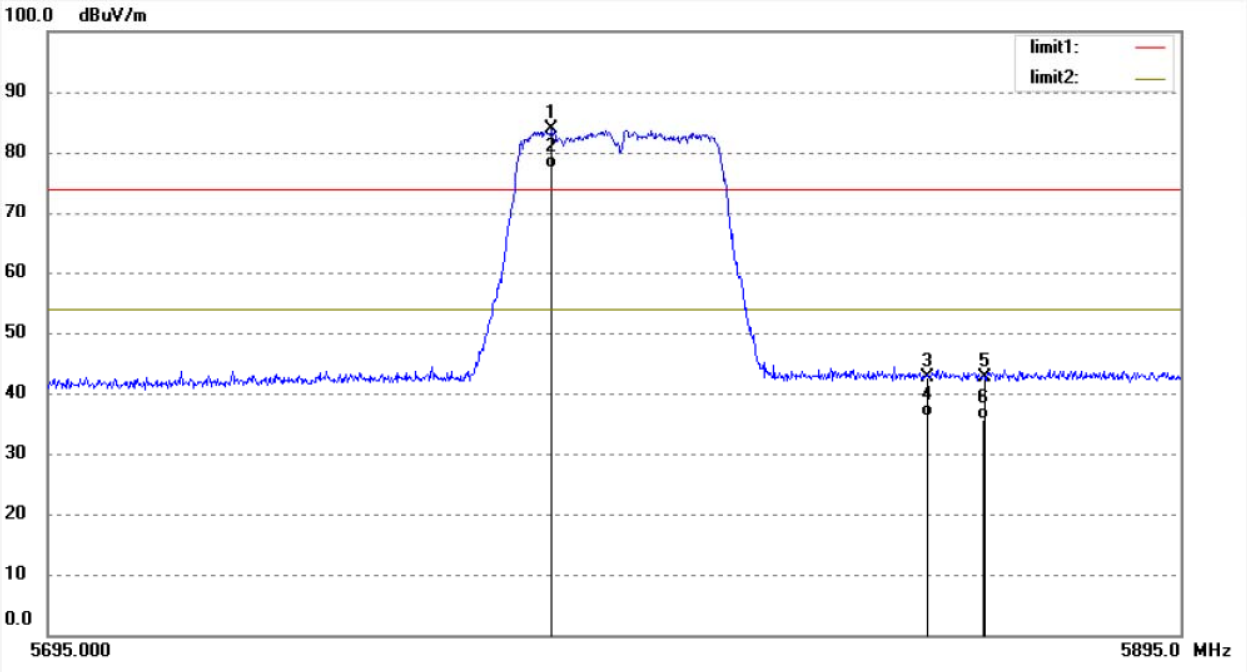
Job No.: STAR2015 #1635	Polarization: Horizontal
Standard: FCC PK	Power Source: DC 12V
Test item: Radiation Test	Date: 2016/07/26
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 21:23:02
EUT: WiFi module	Engineer Signature:
Mode: TX Channel 159-802.11AC40	Distance: 3m
Model: WPC0GR2231	
Manufacturer: Prima	

Note: Report NO.:ATE20161393



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5783.200	82.09	1.83	83.92			peak			
2	5783.200	75.47	1.83	77.30			AVG			
3	5850.000	40.56	1.96	42.52	74.00	-31.48	peak			
4	5850.000	34.19	1.96	36.15	54.00	-17.85	AVG			
5	5860.000	40.71	1.96	42.67	74.00	-31.33	peak			
6	5860.000	33.76	1.96	35.72	54.00	-18.28	AVG			

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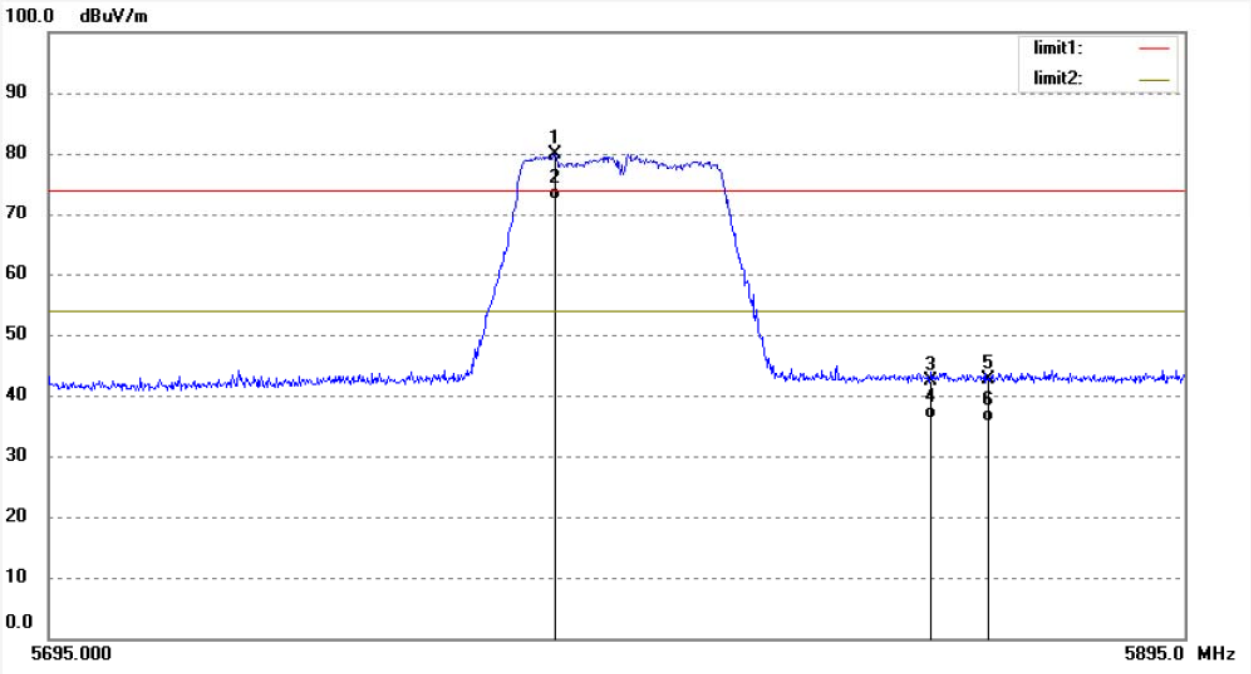
Fax:+86-0755-26503396

Job No.: STAR2015 #1634
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: WiFi module
Mode: TX Channel 159-802.11AC40
Model: WPC0GR2231
Manufacturer: Prima

Polarization: Vertical
Power Source: DC 12V
Date: 2016/07/26
Time: 21:22:10
Engineer Signature:
Distance: 3m

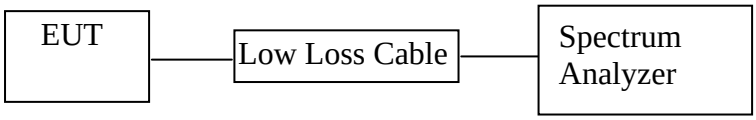
Note: Report NO.:ATE20161393



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5783.400	78.01	1.83	79.84			peak			
2	5783.400	70.56	1.83	72.39			AVG			
3	5850.000	40.54	1.96	42.50	74.00	-31.50	peak			
4	5850.000	34.17	1.96	36.13	54.00	-17.87	AVG			
5	5860.000	40.79	1.96	42.75	74.00	-31.25	peak			
6	5860.000	33.68	1.96	35.64	54.00	-18.36	AVG			

13.FREQUENCIES STABILITY

13.1.Block Diagram of Test Setup



(EUT: WiFi module)

13.2.EUT Configuration on Measurement

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the users manual.

13.3.Operating Condition of EUT

13.3.1.Setup the EUT and simulator as shown as Section 12.1.

13.3.2.Turn on the power of all equipment.

13.3.3.Let the EUT work in TX modes measure it. The transmit frequency are 5150-5250 and 5725-5850MHz.

13.4.Test Result

Test Conditions	Measured Frequency(MHz) 5180
V nor(V)	5180.0077
V max(V)	5180.0081
V min(V)	5180.0092
Max. Deviation Frequency	0.0092
Max. Frequency Error (ppm)	1.78

Frequency Error vs. Temperature:

Test Conditions (°C)	Measured Frequency(MHz) 5180
-5	5180.0072
5	5180.0055
15	5180.0039
25	5180.0081
35	5180.0089
45	5180.0051
50	5180.0029
Max. Deviation Frequency	0.0089
Max. Frequency Error (ppm)	1.72

Test Conditions	Measured Frequency(MHz) 5825
V nor(V)	5825.0055
V max(V)	5825.0047
V min(V)	5825.0059
Max. Deviation Frequency	0.0059
Max. Frequency Error (ppm)	1.01

Frequency Error vs. Temperature:

Test Conditions (°C)	Measured Frequency(MHz) 5180
-5	5825.0033
5	5825.0051
15	5825.0059
25	5825.0062
35	5825.0041
45	5825.0062
50	5825.0071
Max. Deviation Frequency	0.0071
Max. Frequency Error (ppm)	1.22

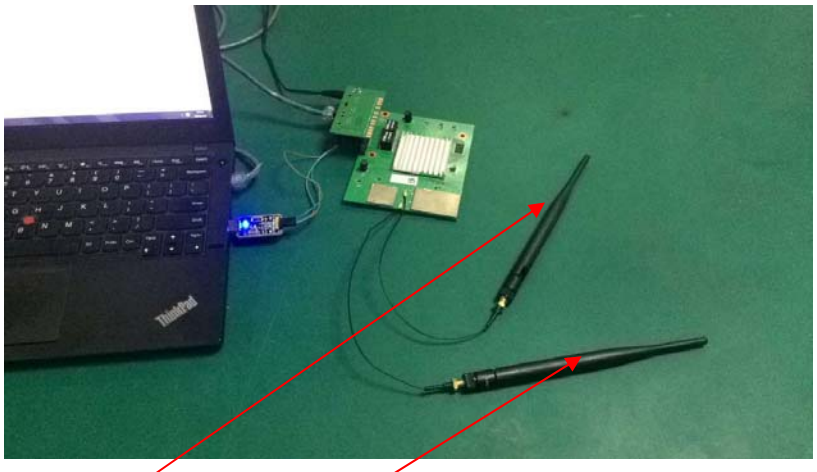
14. ANTENNA REQUIREMENT

14.1. The Requirement

According to Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

14.2. Antenna Construction

The module must contain a permanently attached antenna, or contain a unique antenna connector, and be marketed and operated only with specific antenna(s), per Sections 15.203, 15.204(b), 15.204(c), 15.212(a), 2.929(b); The Antenna gain of EUT is 2dBi. Therefore, the equipment complies with the antenna requirement.



Antenna 1 Antenna 2