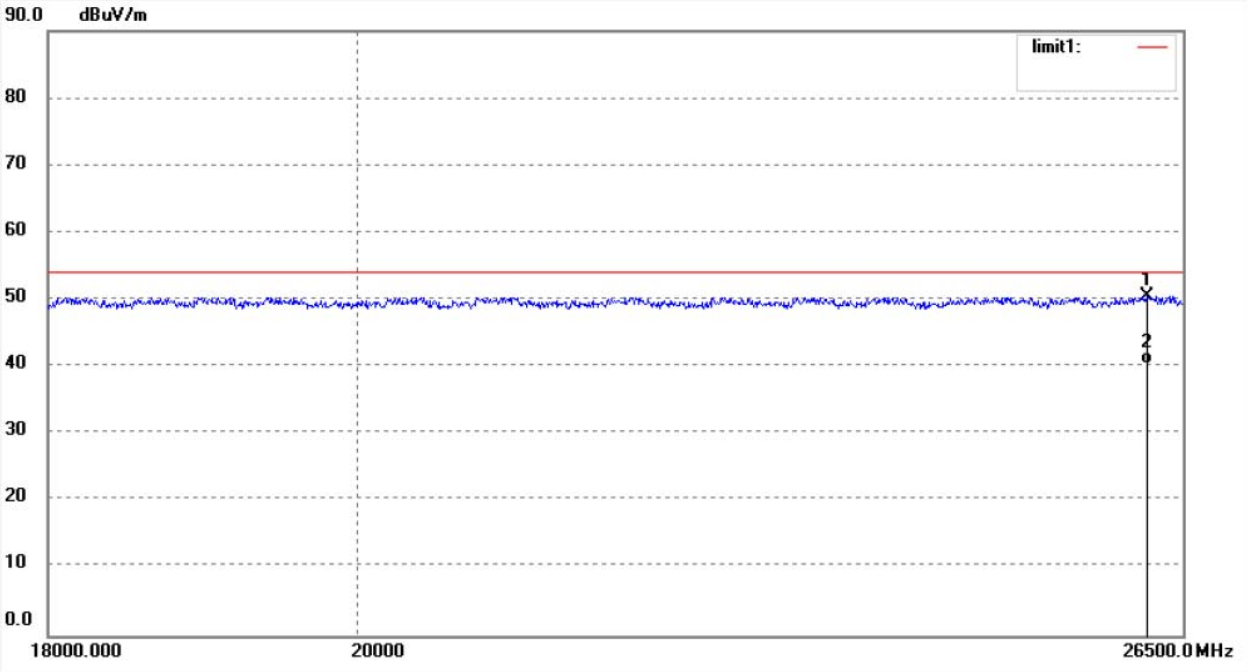
ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: LGW2016 #2830
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: WiFi module
Mode: TX Channel 46-802.11AC 40MHz
Model: WPC0GR2231
Manufacturer: Prima

Polarization: Horizontal
Power Source: DC 12V
Date: 2016/06/29
Time: 16:22:38
Engineer Signature: Star
Distance: 3m

Note: Report NO.:ATE20161393



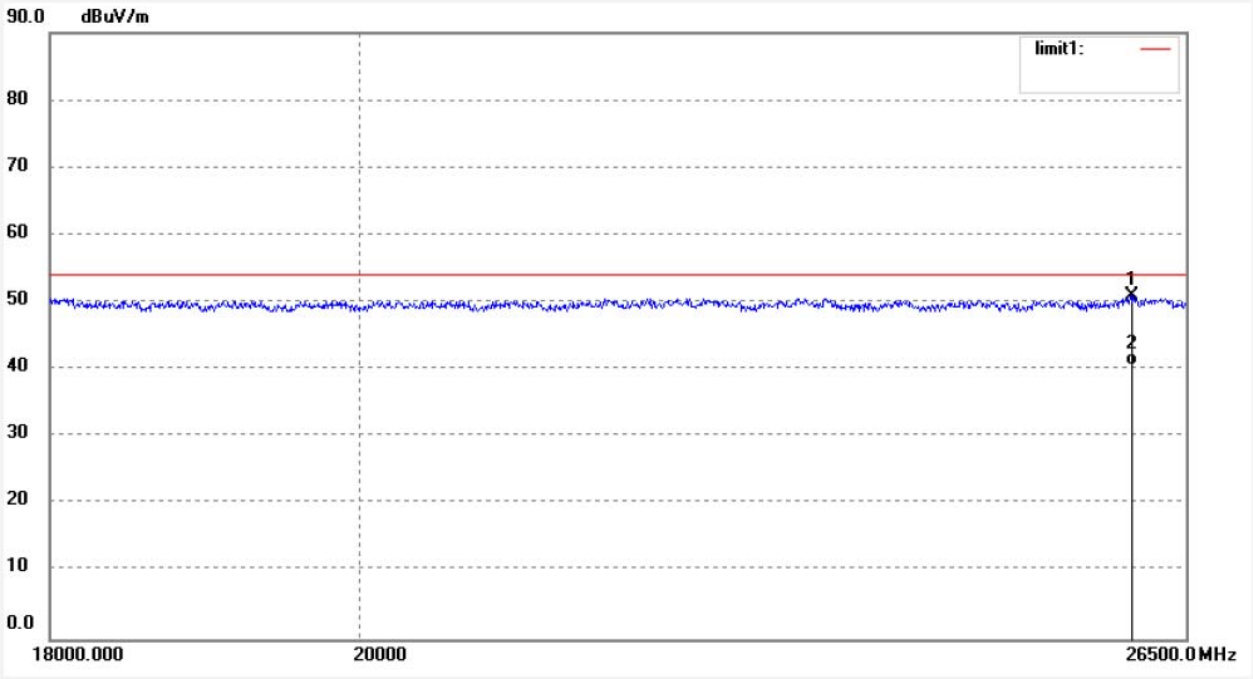
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26174.038	34.11	16.50	50.61	74.00	-23.39	peak			
2	26174.038	23.85	16.50	40.35	54.00	-13.65	AVG			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: LGW2016 #2831
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: WiFi module
Mode: TX Channel 46-802.11AC 40MHz
Model: WPC0GR2231
Manufacturer: Prima

Polarization: Vertical
Power Source: DC 12V
Date: 2016/06/29
Time: 16:28:37
Engineer Signature: Star
Distance: 3m

Note: Report NO.:ATE20161393



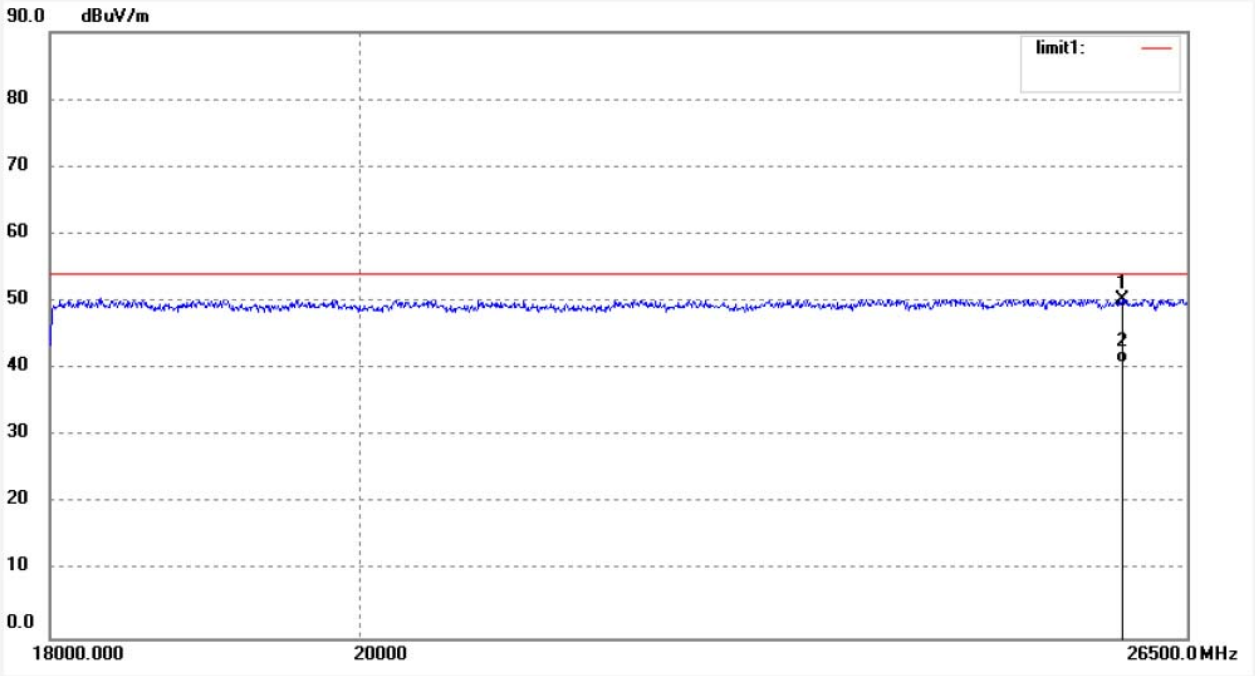
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26022.626	33.75	17.22	50.97	74.00	-23.03	peak			
2	26022.626	23.44	17.22	40.66	54.00	-13.34	AVG			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Igwade #2687
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: WiFi module
Mode: TX Channel 151-802.11AC 40MHz
Model: WPC0GR2231
Manufacturer: Prima

Polarization: Horizontal
Power Source: DC 12V
Date: 2016/06/29
Time: 16:37:13
Engineer Signature: Star
Distance: 3m

Note: Report NO.:ATE20161393

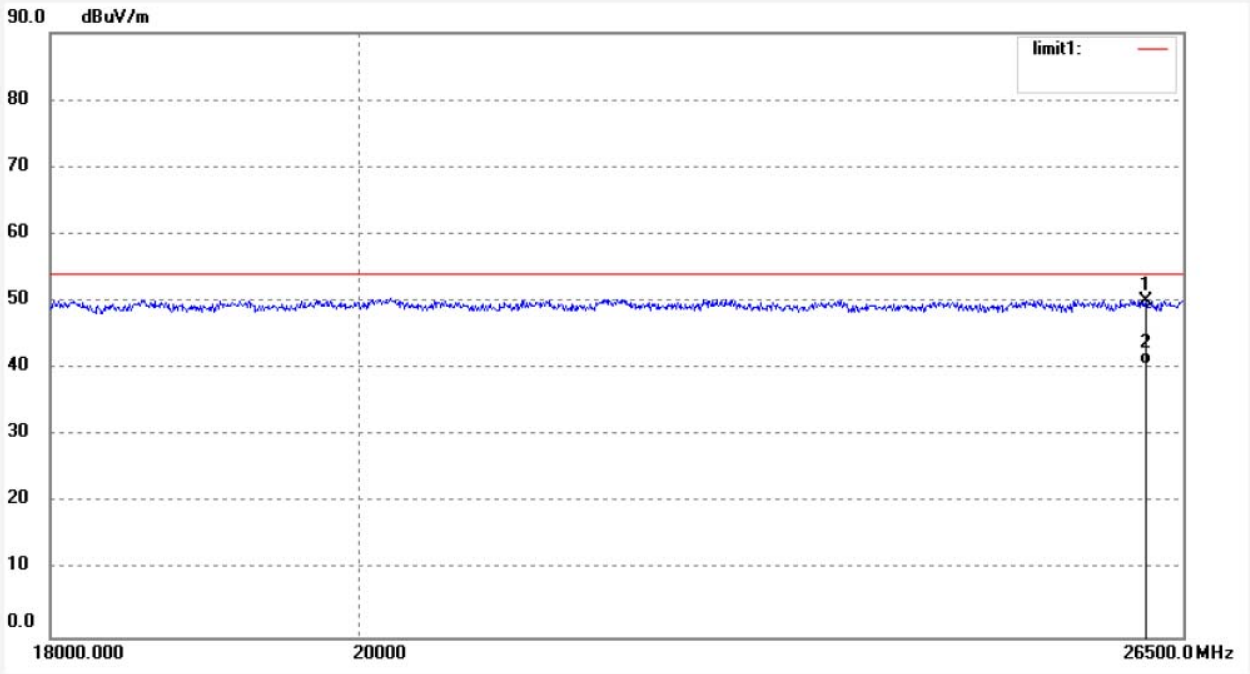


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	25922.172	33.76	16.50	50.26	74.00	-23.74	peak			
2	25922.172	24.34	16.50	40.84	54.00	-13.16	AVG			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: lgwade #2686	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 12V
Test item: Radiation Test	Date: 2016/06/29
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 16:33:48
EUT: WiFi module	Engineer Signature: Star
Mode: TX Channel 151-802.11AC 40MHz	Distance: 3m
Model: WPC0GR2231	
Manufacturer: Prima	

Note: Report NO.:ATE20161393



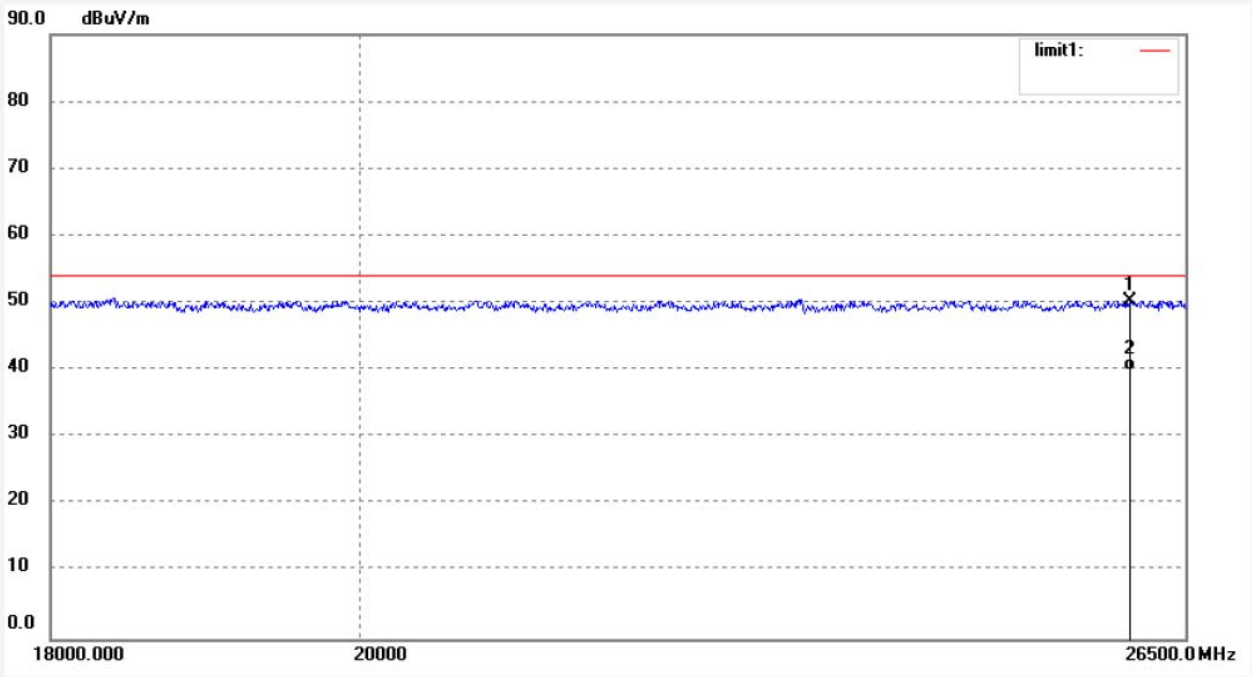
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26163.916	32.93	17.12	50.05	74.00	-23.95	peak			
2	26163.916	23.42	17.12	40.54	54.00	-13.46	AVG			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: lgwade #2688
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: WiFi module
Mode: TX Channel 159-802.11AC 40MHz
Model: WPC0GR2231
Manufacturer: Prima

Polarization: Horizontal
Power Source: DC 12V
Date: 2016/06/29
Time: 16:42:06
Engineer Signature: Star
Distance: 3m

Note: Report NO.:ATE20161393

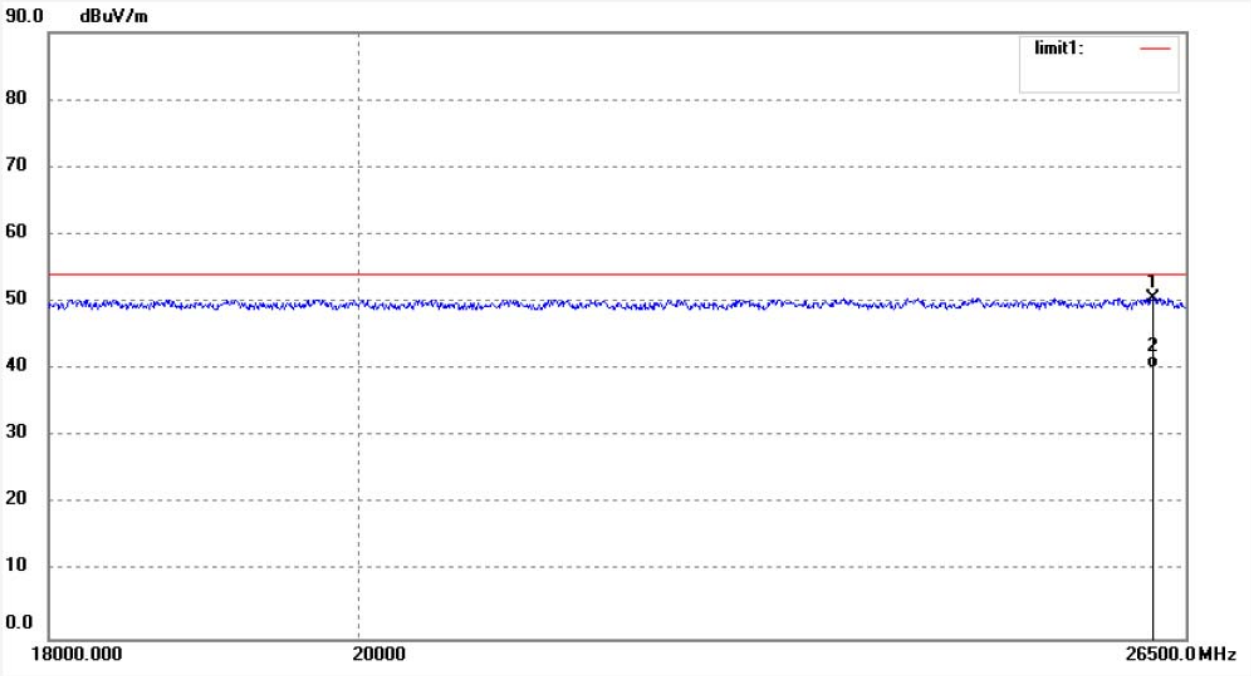


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26002.504	33.87	16.50	50.37	74.00	-23.63	peak			
2	26002.504	23.51	16.50	40.01	54.00	-13.99	AVG			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Igwade #2689	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 12V
Test item: Radiation Test	Date: 2016/06/29
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 16:45:58
EUT: WiFi module	Engineer Signature: Star
Mode: TX Channel 159-802.11AC 40MHz	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	26204.426	33.42	17.10	50.52	74.00	-23.48	peak			
2	26204.426	23.13	17.10	40.23	54.00	-13.77	AVG			

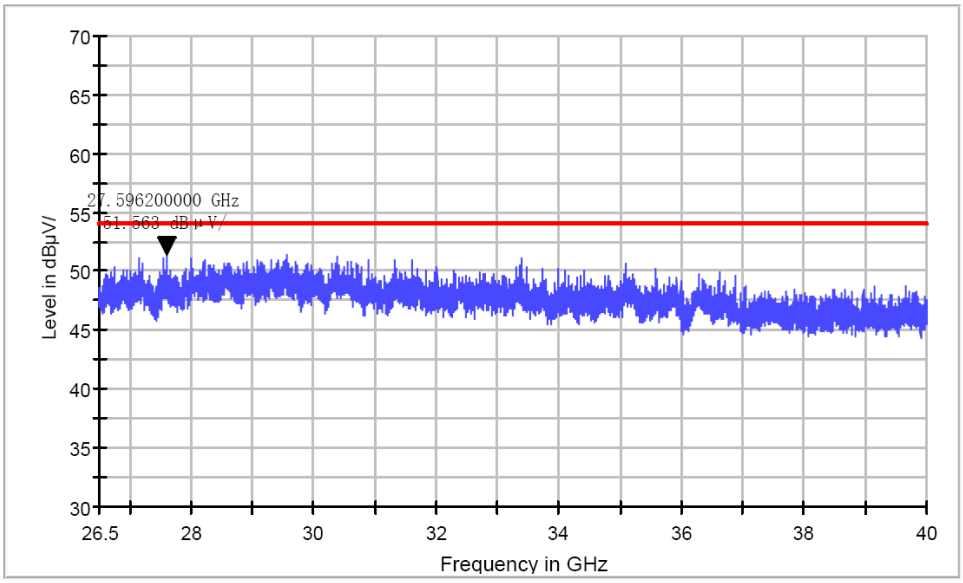
Test mode: 802.11a,N20,ac TX Frequency: 5180MHz, 5240MHz

The EUT is tested radiation emission 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

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Horizontal
Operator Name:
Comment:

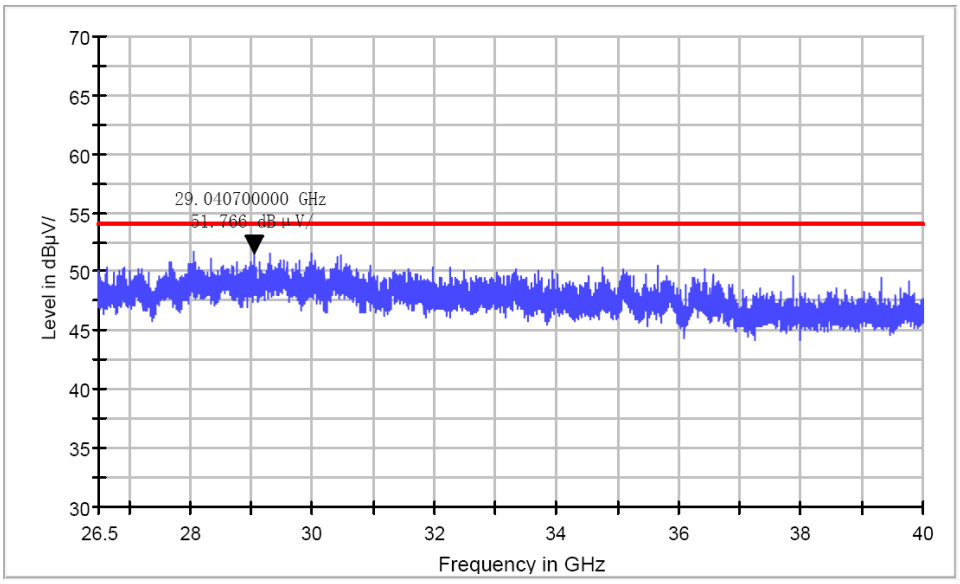
Copy of FCC Electric Field Strength 26.5-40GHz



Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Vertical
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



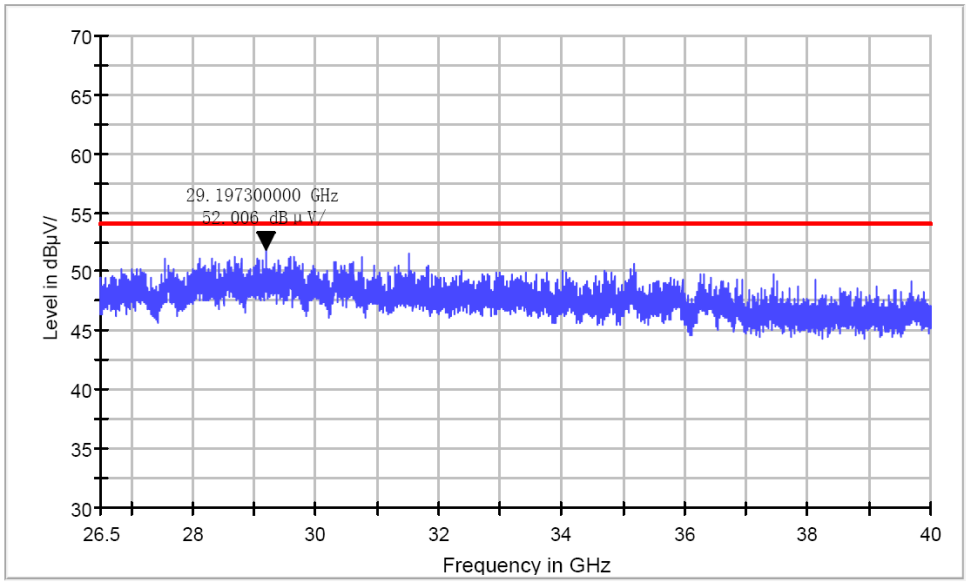
Test mode: 802.11a,N20,ac TX Frequency: 5745MHz, 5825MHz

The EUT is tested radiation emission 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

Common Information

Test Site:	SMQ EMC Lab.
Environment Conditions:	
Antenna Polarization:	Horizontal
Operator Name:	
Comment:	

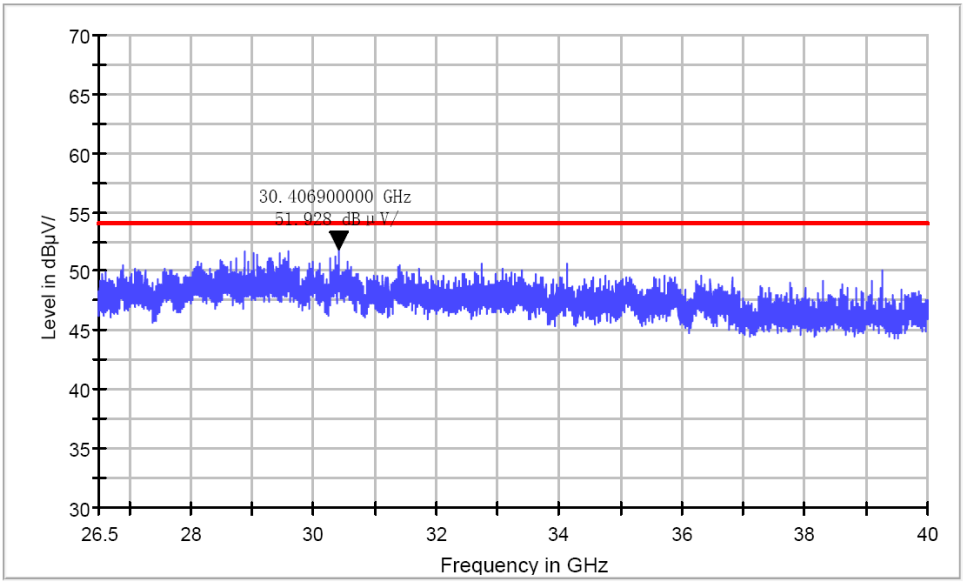
Copy of FCC Electric Field Strength 26.5-40GHz



Common Information

Test Site:	SMQ EMC Lab.
Environment Conditions:	
Antenna Polarization:	Vertical
Operator Name:	
Comment:	

Copy of FCC Electric Field Strength 26.5-40GHz



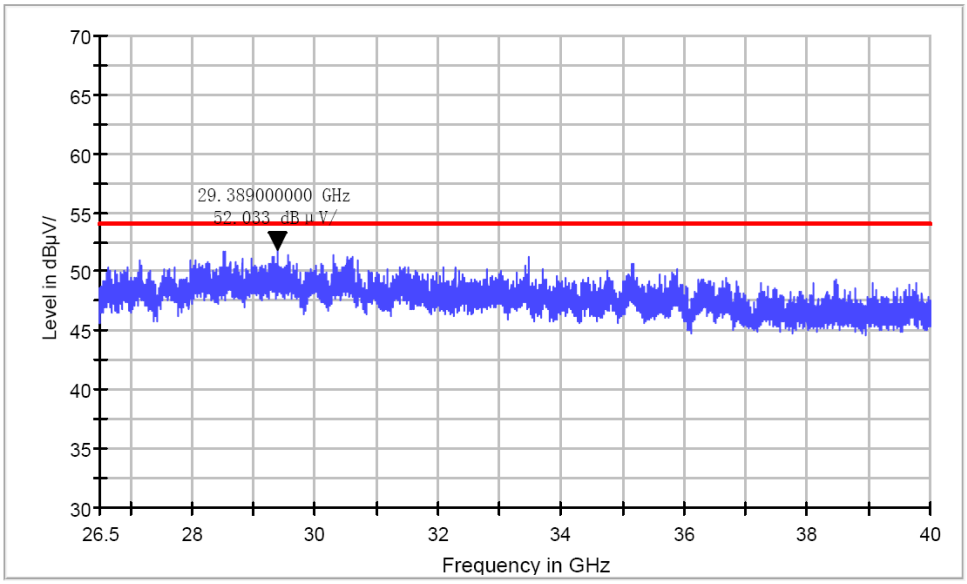
Test mode: 802.11N40,ac TX Frequency: 5190MHz, 5230MHz

The EUT is tested radiation emission 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

Common Information

Test Site:	SMQ EMC Lab.
Environment Conditions:	
Antenna Polarization:	Horizontal
Operator Name:	
Comment:	

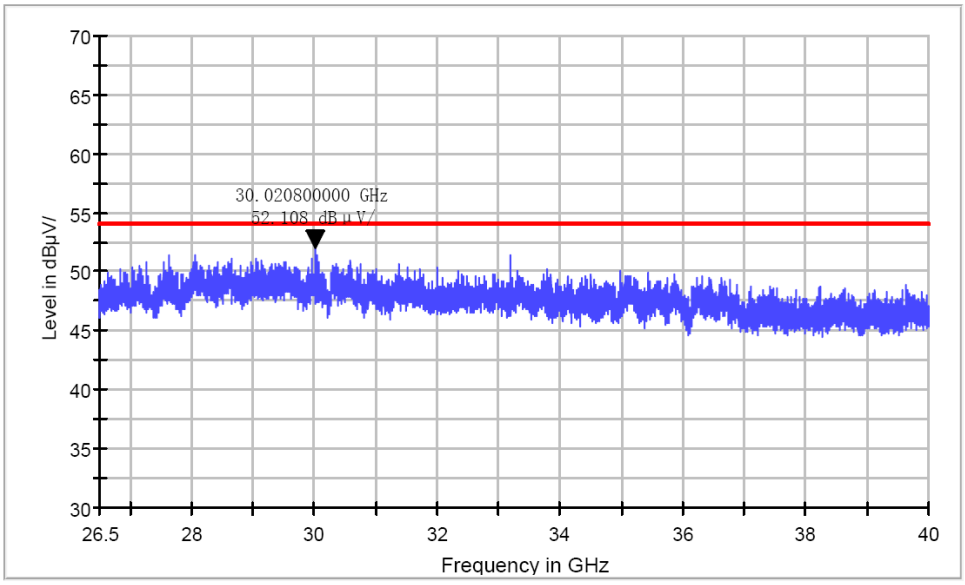
Copy of FCC Electric Field Strength 26.5-40GHz



Common Information

Test Site:	SMQ EMC Lab.
Environment Conditions:	
Antenna Polarization:	Vertical
Operator Name:	
Comment:	

Copy of FCC Electric Field Strength 26.5-40GHz



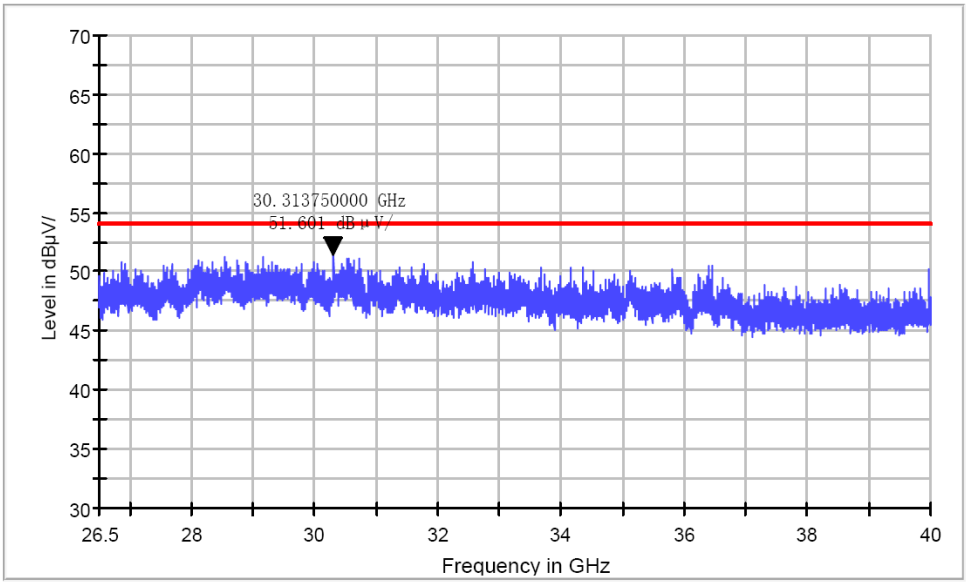
Test mode: 802.11N40,ac TX Frequency: 5755MHz, 5795MHz

The EUT is tested radiation emission 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

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Horizontal
Operator Name:
Comment:

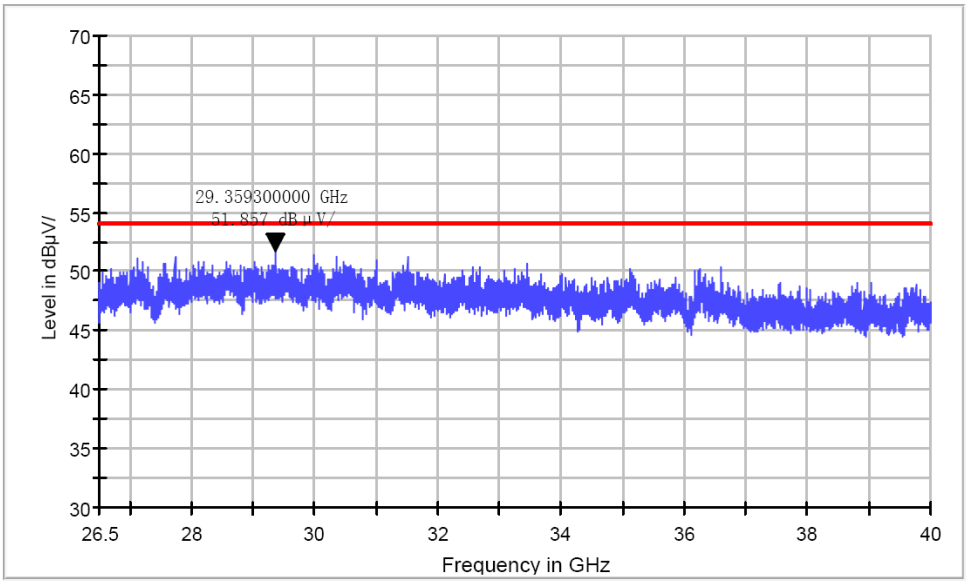
Copy of FCC Electric Field Strength 26.5-40GHz



Common Information

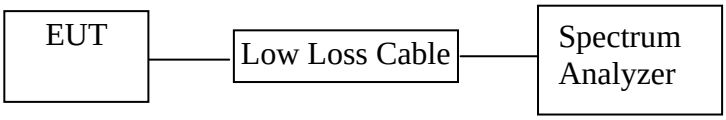
Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Vertical
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



12.BAND EDGE COMPLIANCE TEST

12.1.Block Diagram of Test Setup



12.2.The Requirement For Unwanted Emissions in the Restricted Bands

1. For all measurements, follow the requirements in section II.G.3., "General Requirements for Unwanted Emissions Measurements.
2. At frequencies below 1000 MHz, use the procedure described in section II.G.4., "Procedure for Unwanted Emissions Measurements Below 1000 MHz."
3. At frequencies above 1000 MHz, measurements performed using the peak and average measurement procedures described in sections II.G.5. and II.G.6, respectively, must satisfy the respective peak and average limits.
If all peak measurements satisfy the average limit, then average measurements are not required.
4. For conducted measurements above 1000 MHz, EIRP shall be computed as specified in section II.G.3.b) and then field strength shall be computed as follows (see KDB Publication 412172):
E[dBμV/m] = EIRP[dBm] - 20 log (d[meters]) + 104.77,
where E = field strength and d = distance at which field strength limit is specified in the rules;
E[dBμV/m] = EIRP[dBm] + 95.2, for d = 3 meters.

12.3.EUT Configuration on Measurement

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

12.4.Operating Condition of EUT

12.4.1.Setup the EUT and simulator as shown as Section 11.1.

12.4.2.Turn on the power of all equipment.

12.4.3.Let the EUT work in TX modes measure it. The transmit frequency are 5150-5250 and 5725-5825MHz .

12.5.Test Procedure

Conducted Band Edge:

12.5.1.The transmitter output was connected to the spectrum analyzer via a low loss cable.

12.5.2.Set RBW of spectrum analyzer to 100kHz and VBW to 300kHz.

Radiate Band Edge:

12.5.3.The EUT is placed on a turntable, which is 1.5m above the ground plane and worked at highest radiated power.

12.5.4.The turntable was rotated for 360 degrees to determine the position of maximum emission level.

12.5.5.EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emission.

12.5.6.Set the spectrum analyzer in the following setting in order to capture the lower and upper band-edges of the emission:

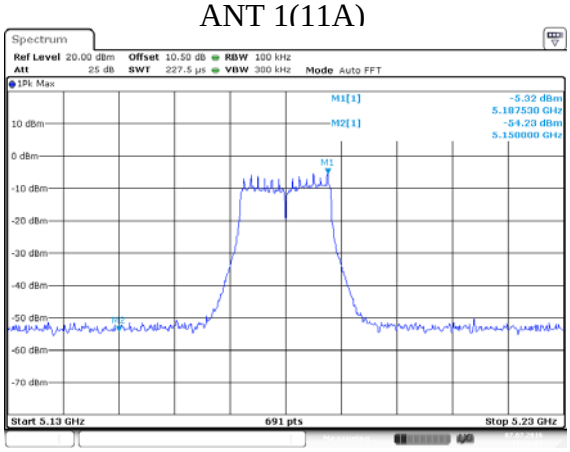
12.5.7.RBW=1MHz, VBW=1MHz

12.5.8.The band edges was measured and recorded.

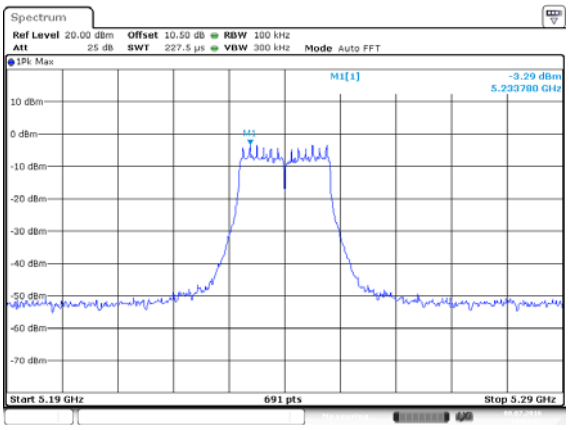
12.6.Test Result

PASS

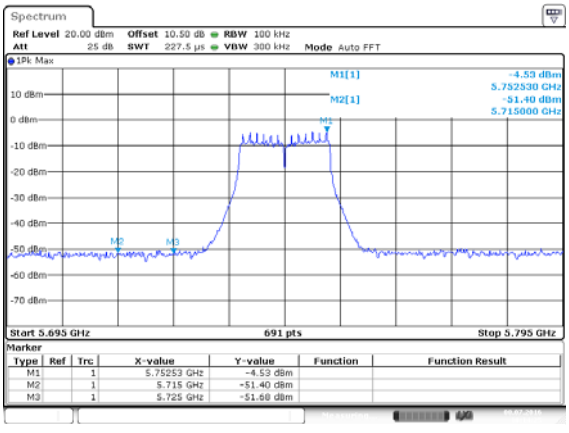
ANT 1(11A)



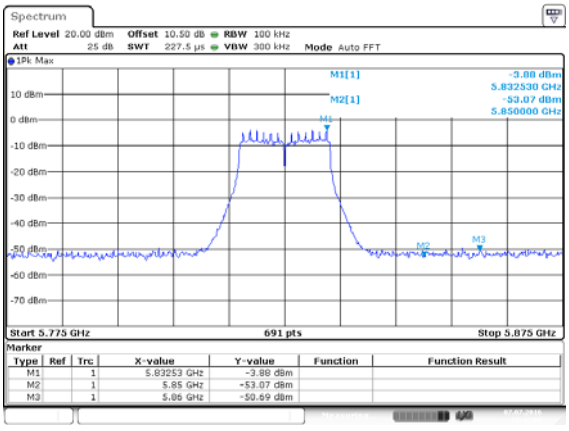
Date: 7.JUL.2016 19:33:09



Date: 8.JUL.2016 10:04:02

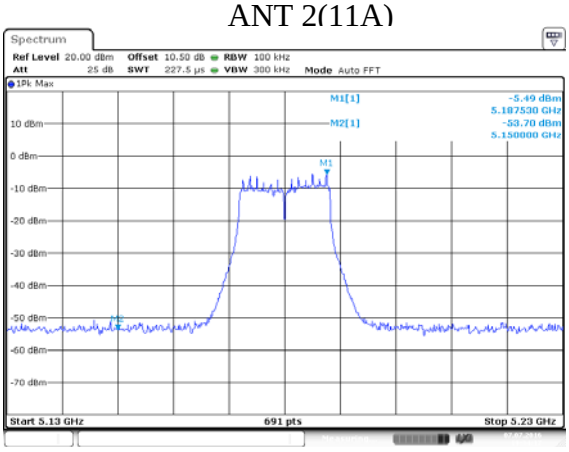


Date: 8.JUL.2016 10:14:25

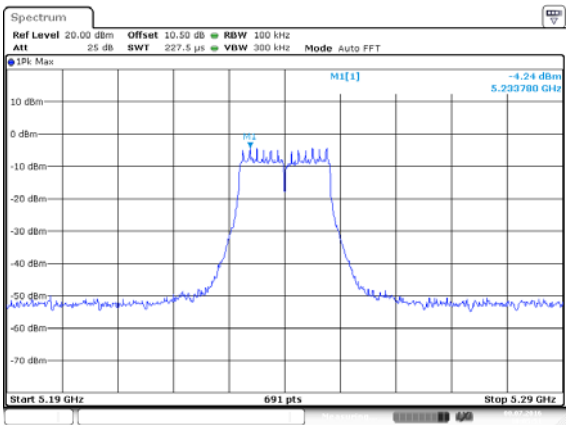


Date: 7.JUL.2016 19:42:10

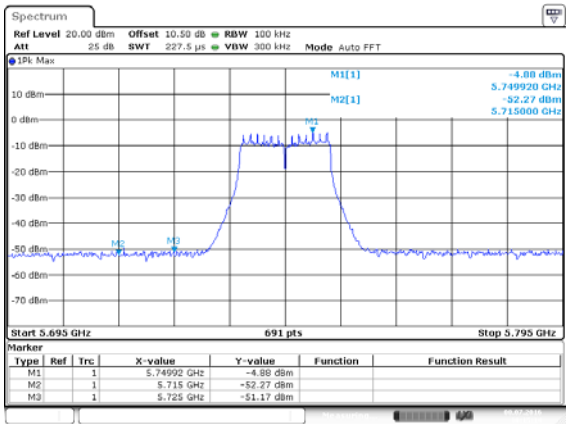
ANT 2(11A)



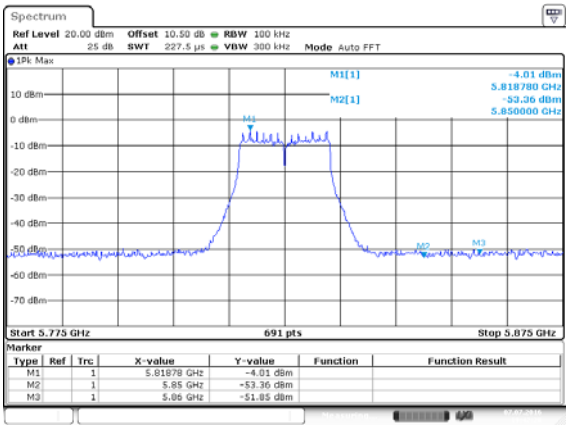
Date: 7.JUL.2016 19:34:17



Date: 8.JUL.2016 10:05:50

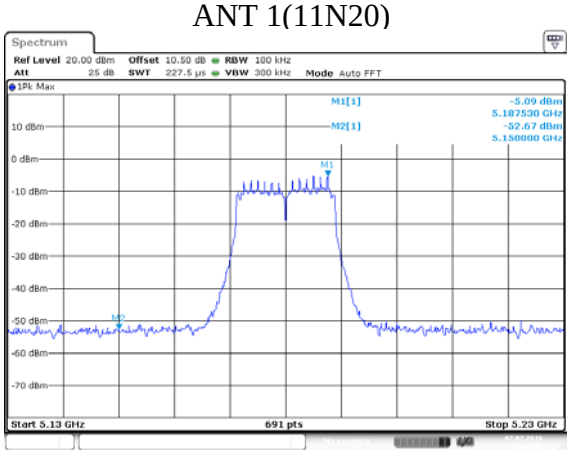


Date: 8.JUL.2016 10:15:14

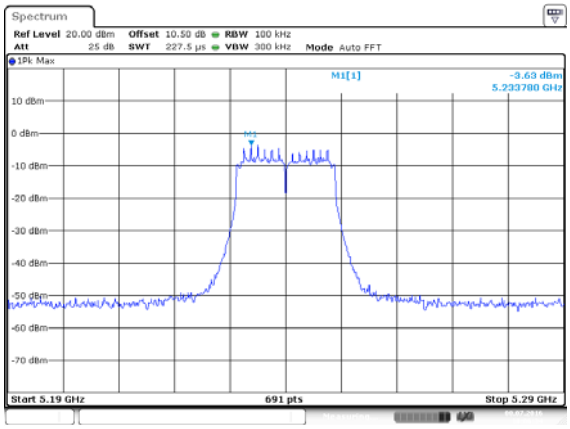


Date: 7.JUL.2016 19:42:28

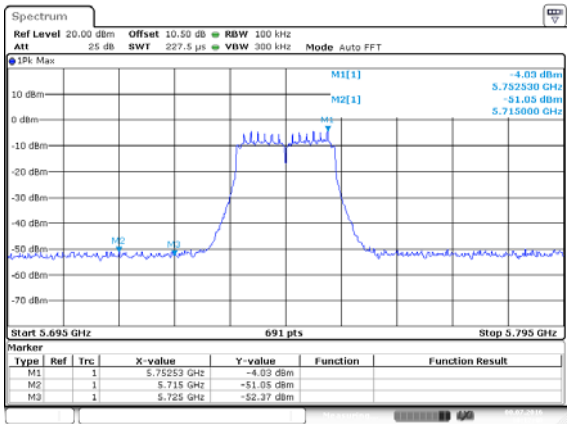
ANT 1(11N20)



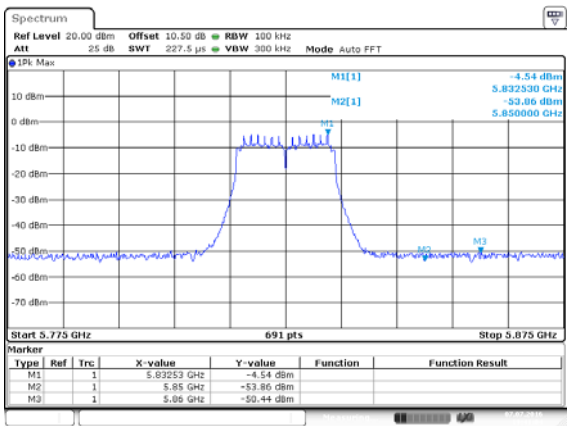
Date: 7.JUL.2016 19:35:26



Date: 8.JUL.2016 10:06:34

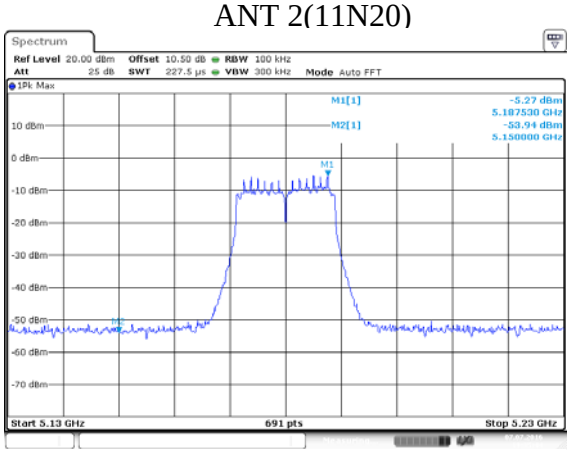


Date: 8.JUL.2016 10:12:40

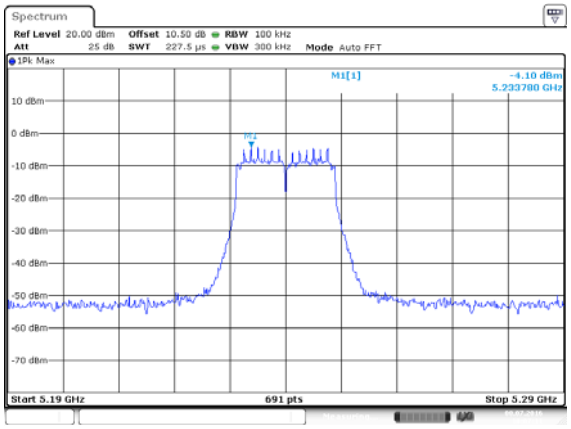


Date: 7.JUL.2016 19:41:04

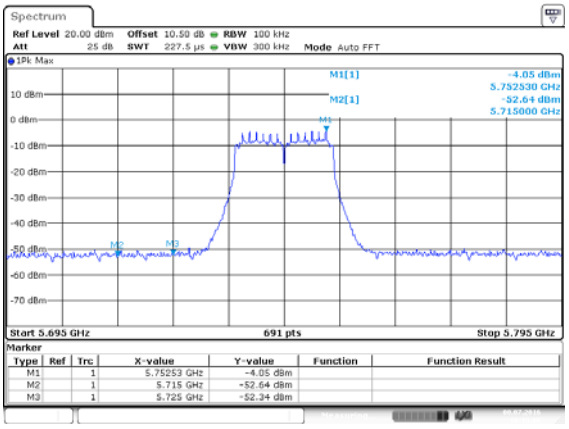
ANT 2(11N20)



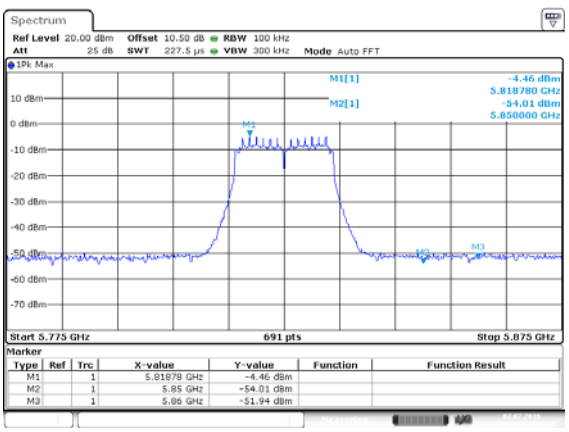
Date: 7.JUL.2016 19:35:44



Date: 8.JUL.2016 10:07:11

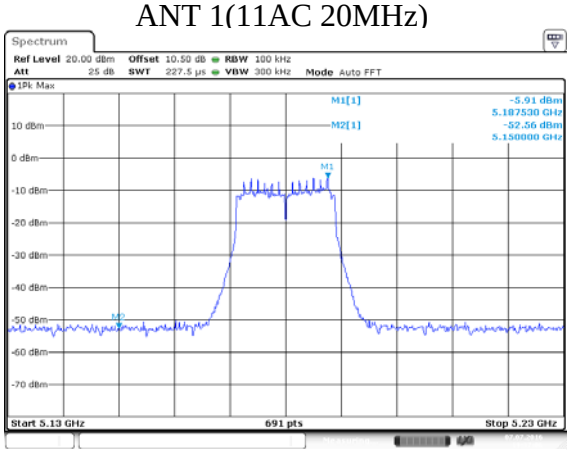


Date: 8.JUL.2016 10:13:08

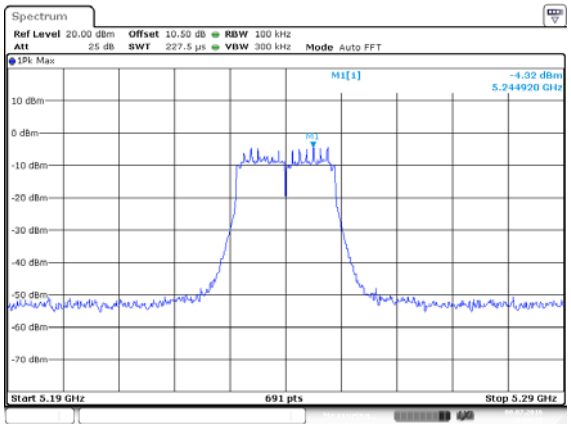


Date: 7.JUL.2016 19:41:32

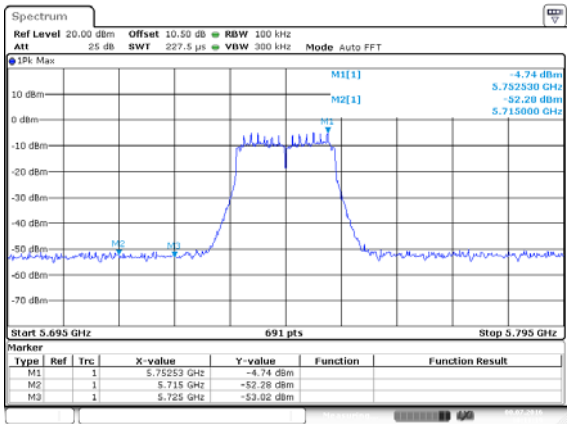
ANT 1(11AC 20MHz)



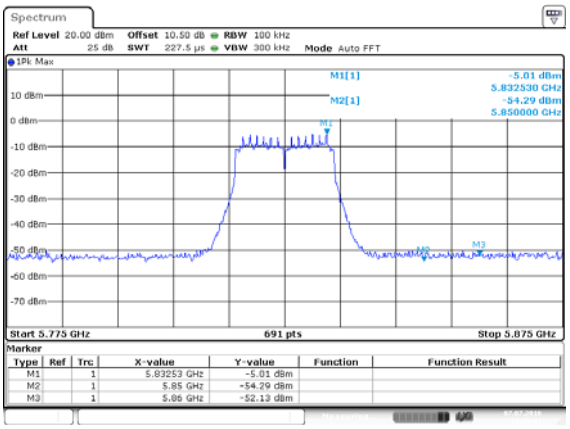
Date: 7.JUL.2016 19:37:07



Date: 8.JUL.2016 10:08:10

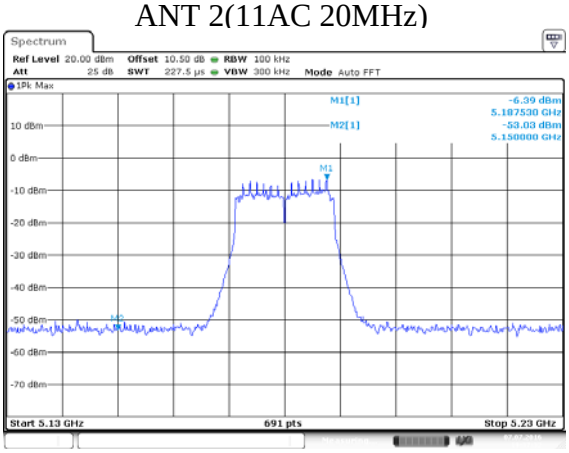


Date: 8.JUL.2016 10:11:19

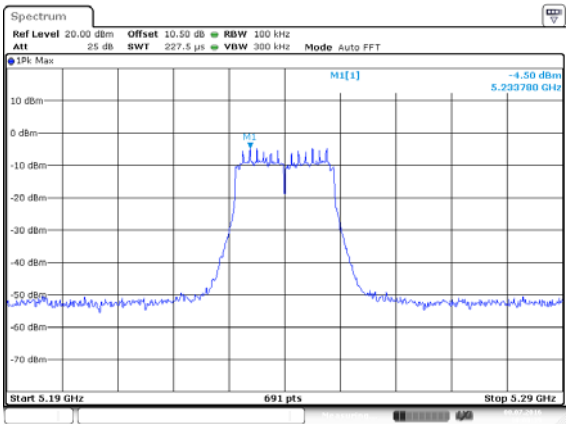


Date: 7.JUL.2016 19:39:41

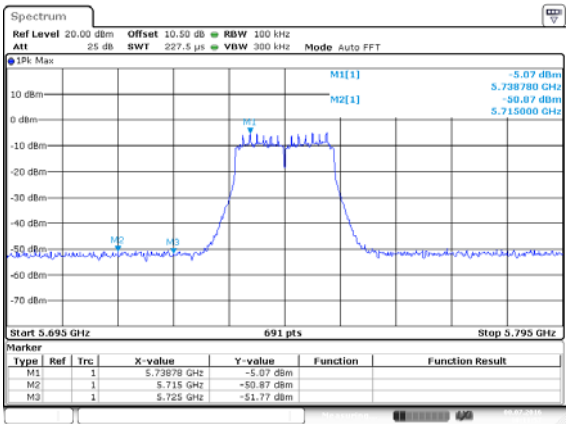
ANT 2(11AC 20MHz)



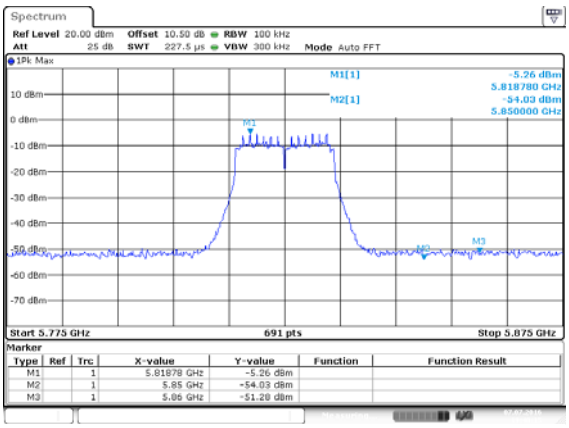
Date: 7.JUL.2016 19:37:33



Date: 8.JUL.2016 10:08:39

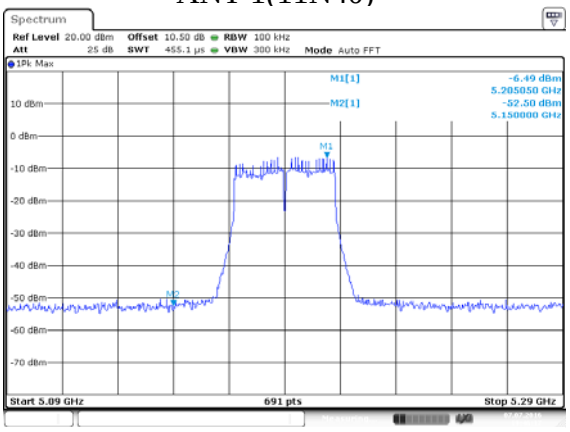


Date: 8.JUL.2016 10:11:57

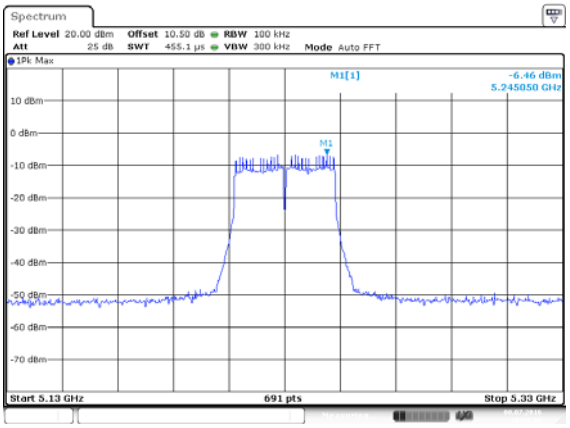


Date: 7.JUL.2016 19:40:16

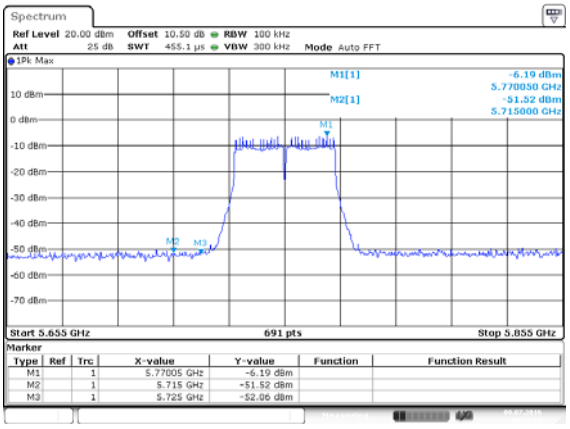
ANT 1(11N40)



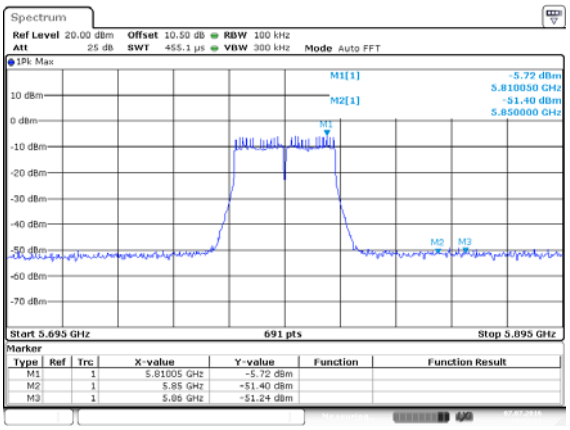
Date: 7.JUL.2016 19:46:18



Date: 8.JUL.2016 10:19:56

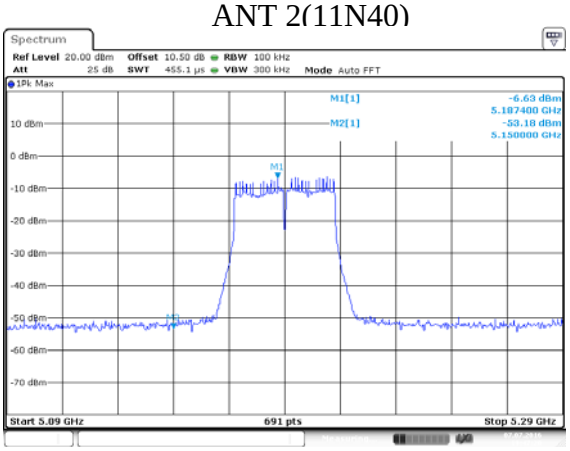


Date: 8.JUL.2016 10:29:13

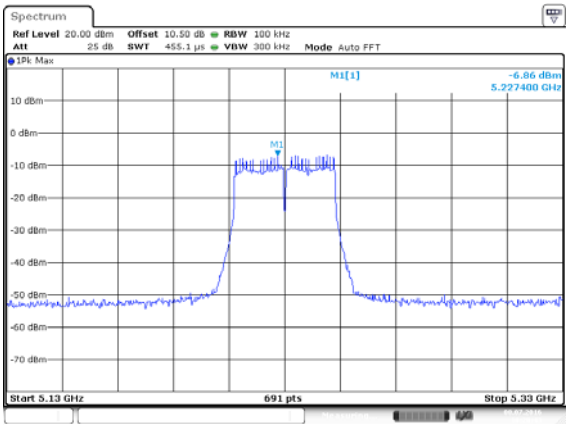


Date: 7.JUL.2016 19:52:31

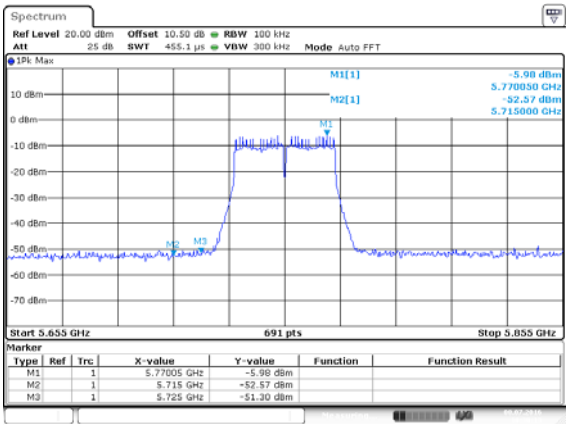
ANT 2(11N40)



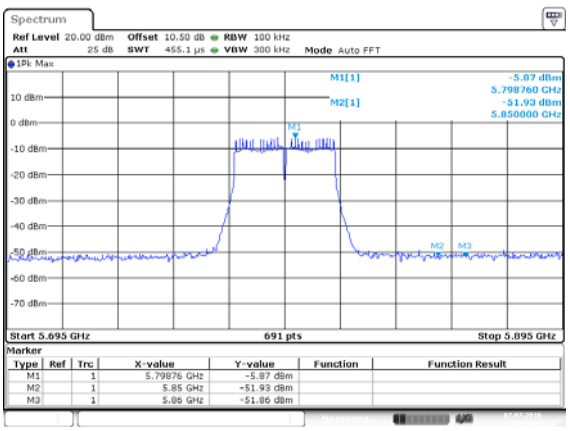
Date: 7.JUL.2016 19:47:20



Date: 8.JUL.2016 10:20:43

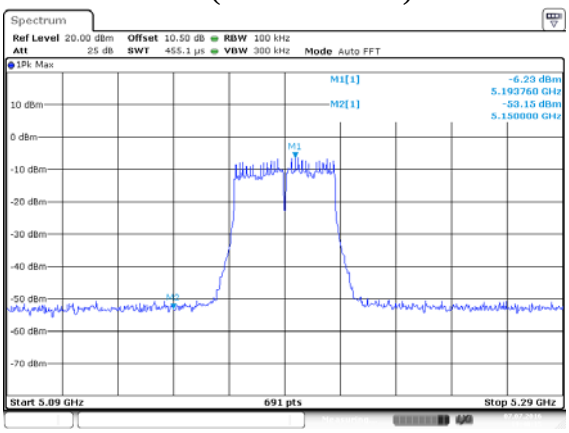


Date: 8.JUL.2016 10:30:13

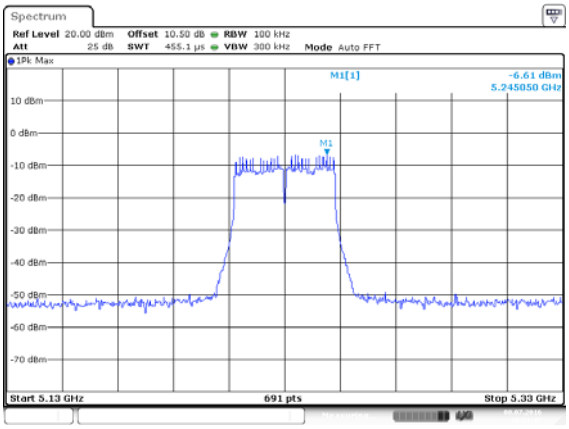


Date: 7.JUL.2016 19:53:07

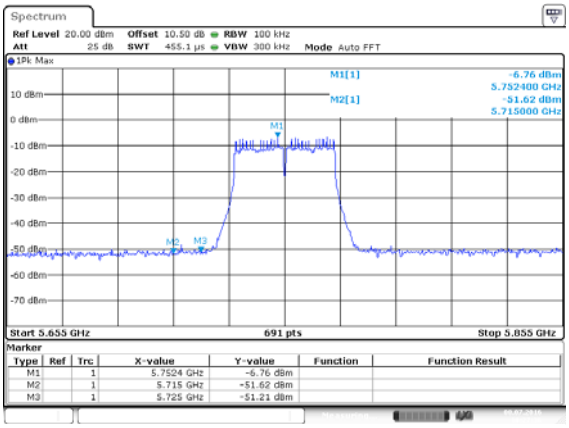
ANT 1(11AC 40MHz)



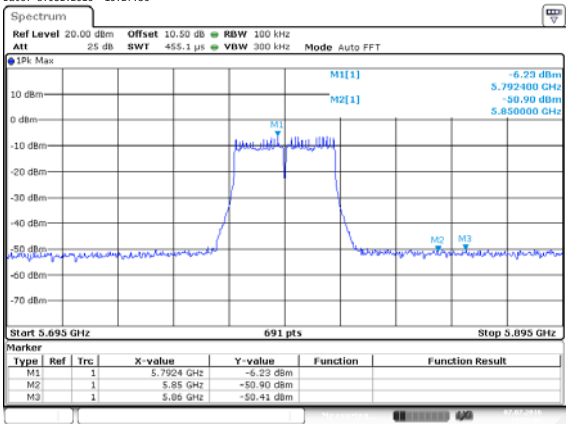
Date: 7.JUL.2016 19:48:15



Date: 8.JUL.2016 10:21:45

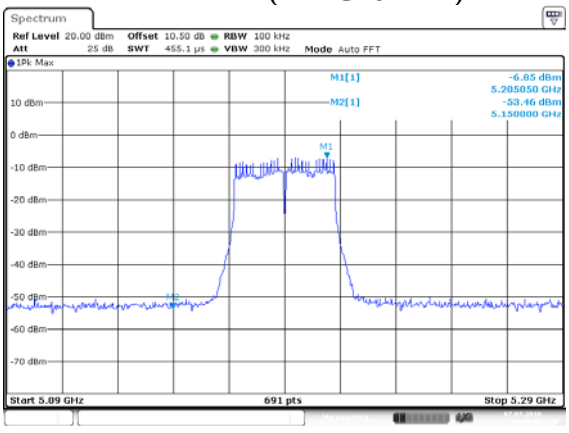


Date: 8.JUL.2016 10:27:36

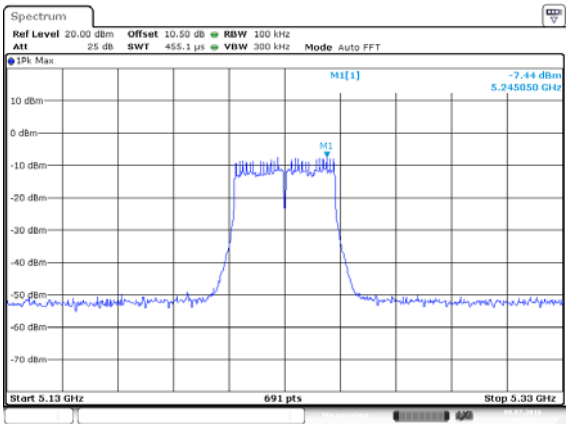


Date: 7.JUL.2016 19:51:06

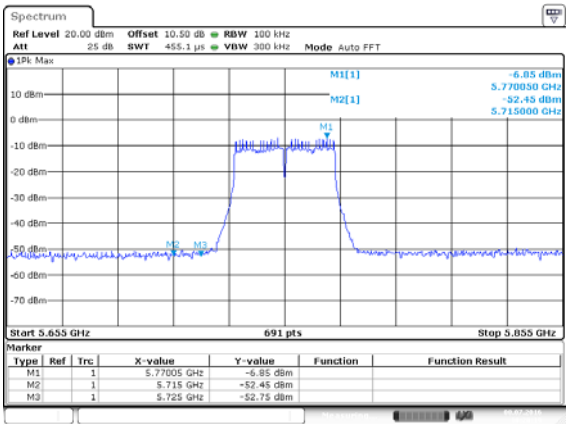
ANT 2(11AC40MHz)



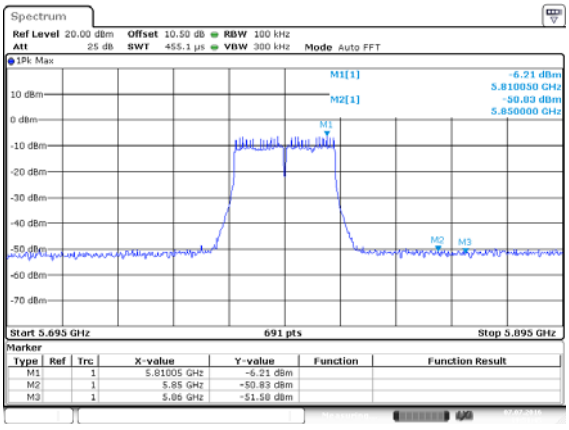
Date: 7.JUL.2016 19:49:04



Date: 8.JUL.2016 10:22:57



Date: 8.JUL.2016 10:28:19



Date: 7.JUL.2016 19:51:45

Radiated Band Edge Result

Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:

   Result = Reading + Corrected Factor
3. Display the measurement of peak values.
4. The EUT is tested radiation emission at each test mode (802.11a/ac/n) 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.
5. The average measurement was not performed when peak measured data under the limit of average detection.

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

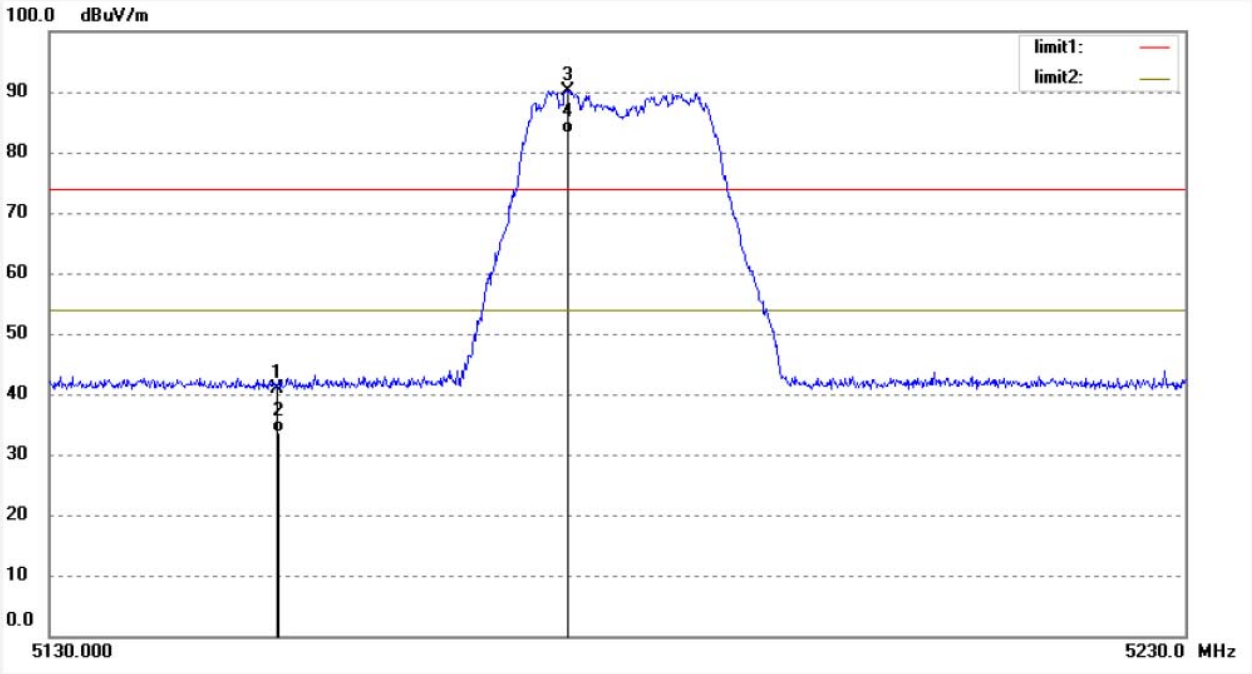
The EUT is tested Radiated Band Edge at each test mode in three axes. Besides, We have tested the single antenna transmit mode and the dual antenna emission mode. The worst emissions are reflected in the following plots

ACCURATE TECHNOLOGY CO., LTD.
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 #1597
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: WiFi module
Mode: TX Channel 36-802.11A
Model: WPC0GR2231
Manufacturer: Prima

Polarization: Horizontal
Power Source: DC 12V
Date: 2016/07/26
Time: 20:17:26
Engineer Signature:
Distance: 3m

Note: Report NO.:ATE20161393

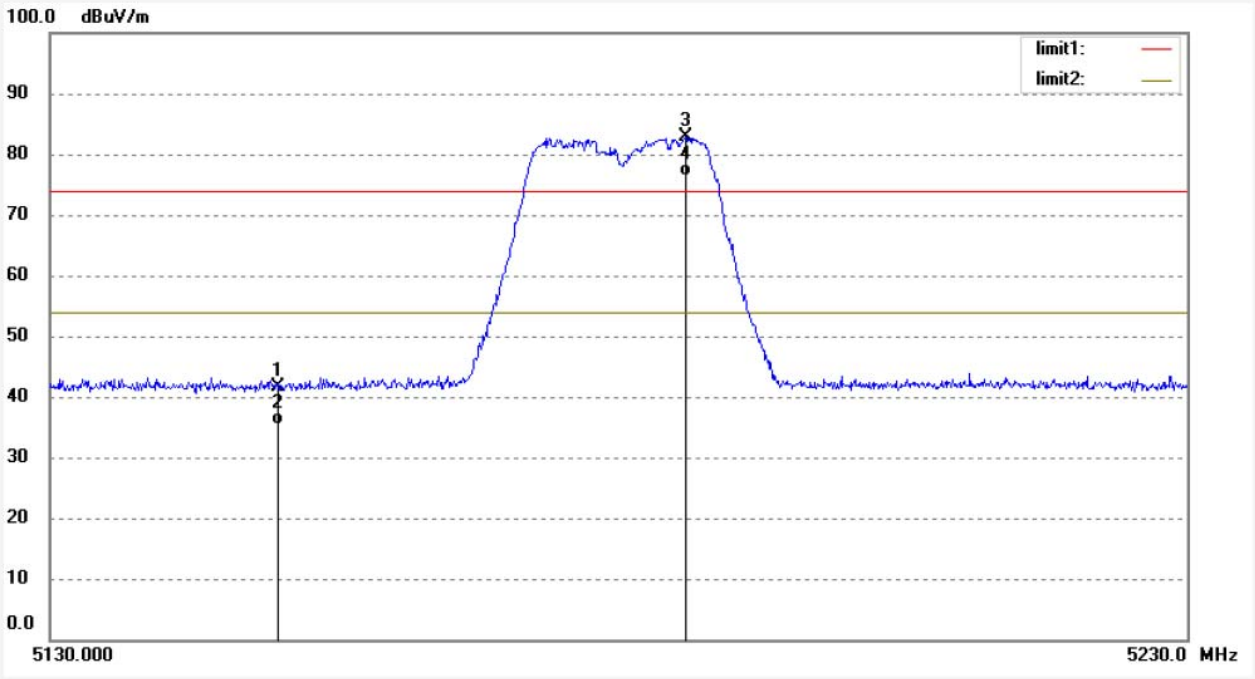


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5150.000	40.48	0.51	40.99	74.00	-33.01	peak			
2	5150.000	33.12	0.51	33.63	54.00	-20.37	AVG			
3	5175.400	89.60	0.60	90.20			peak			
4	5175.400	82.44	0.60	83.04			AVG			

ACCURATE TECHNOLOGY CO., LTD.
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 #1596	Polarization: Vertical
Standard: FCC PK	Power Source: DC 12V
Test item: Radiation Test	Date: 2016/07/26
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 20:15:34
EUT: WiFi module	Engineer Signature:
Mode: TX Channel 36-802.11A	Distance: 3m
Model: WPC0GR2231	
Manufacturer: Prima	

Note: Report NO.:ATE20161393

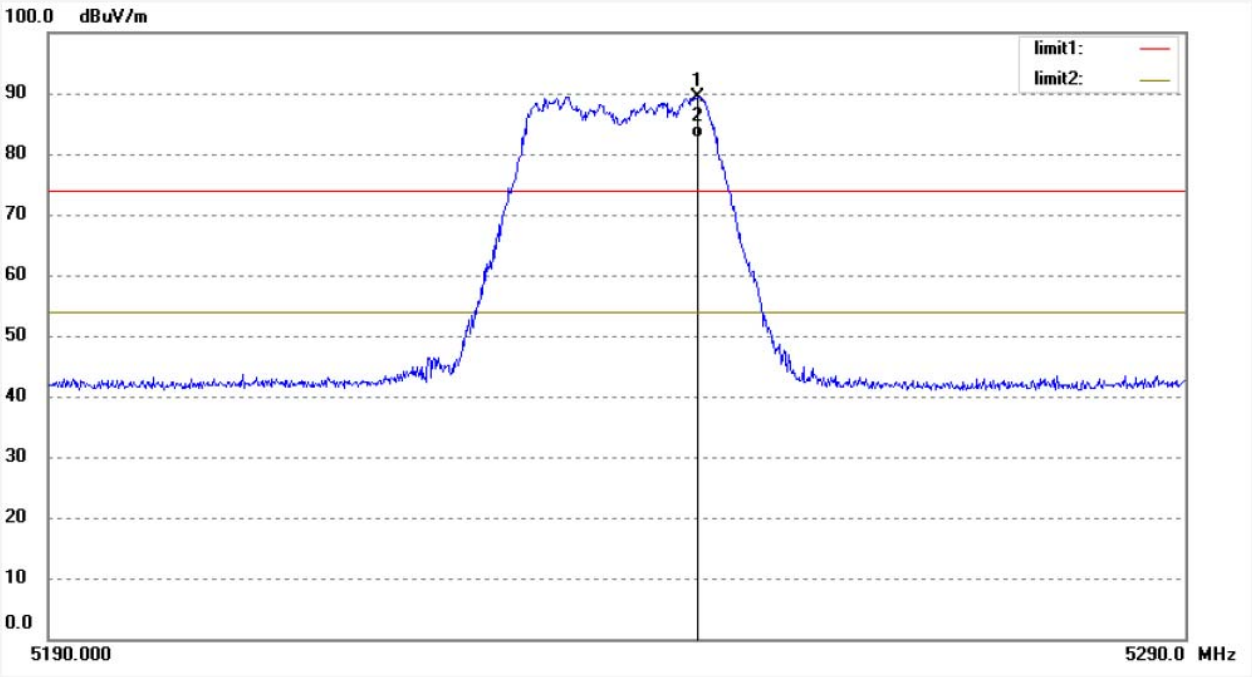


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5150.000	41.09	0.51	41.60	74.00	-32.40	peak			
2	5150.000	34.78	0.51	35.29	54.00	-18.71	AVG			
3	5185.700	82.14	0.63	82.77			peak			
4	5185.700	75.72	0.63	76.35			AVG			

ACCURATE TECHNOLOGY CO., LTD.
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 #1598	Polarization: Horizontal
Standard: FCC PK	Power Source: DC 12V
Test item: Radiation Test	Date: 2016/07/26
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 20:19:33
EUT: WiFi module	Engineer Signature:
Mode: TX Channel 48-802.11A	Distance: 3m
Model: WPC0GR2231	
Manufacturer: Prima	

Note: Report NO.:ATE20161393

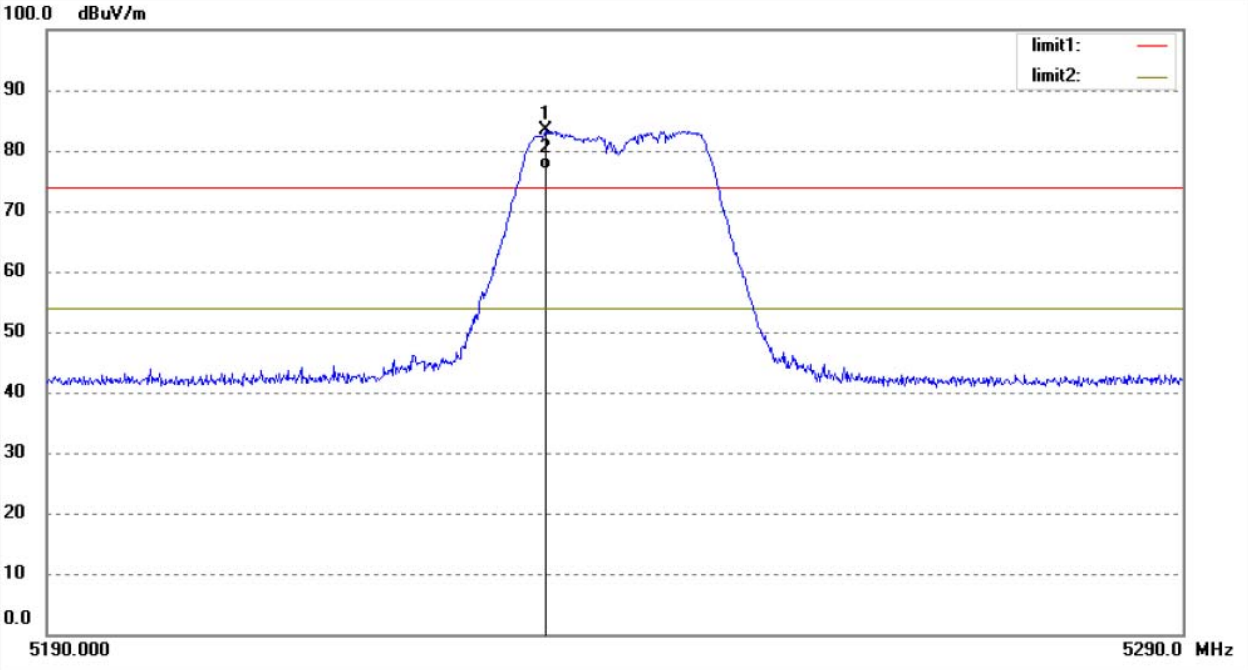


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5246.900	88.66	0.84	89.50			peak			
2	5246.900	81.78	0.84	82.62			AVG			

ACCURATE TECHNOLOGY CO., LTD.
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 #1599	Polarization: Vertical
Standard: FCC PK	Power Source: DC 12V
Test item: Radiation Test	Date: 2016/07/26
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 20:20:28
EUT: WiFi module	Engineer Signature:
Mode: TX Channel 48-802.11A	Distance: 3m
Model: WPC0GR2231	
Manufacturer: Prima	

Note: Report NO.:ATE20161393

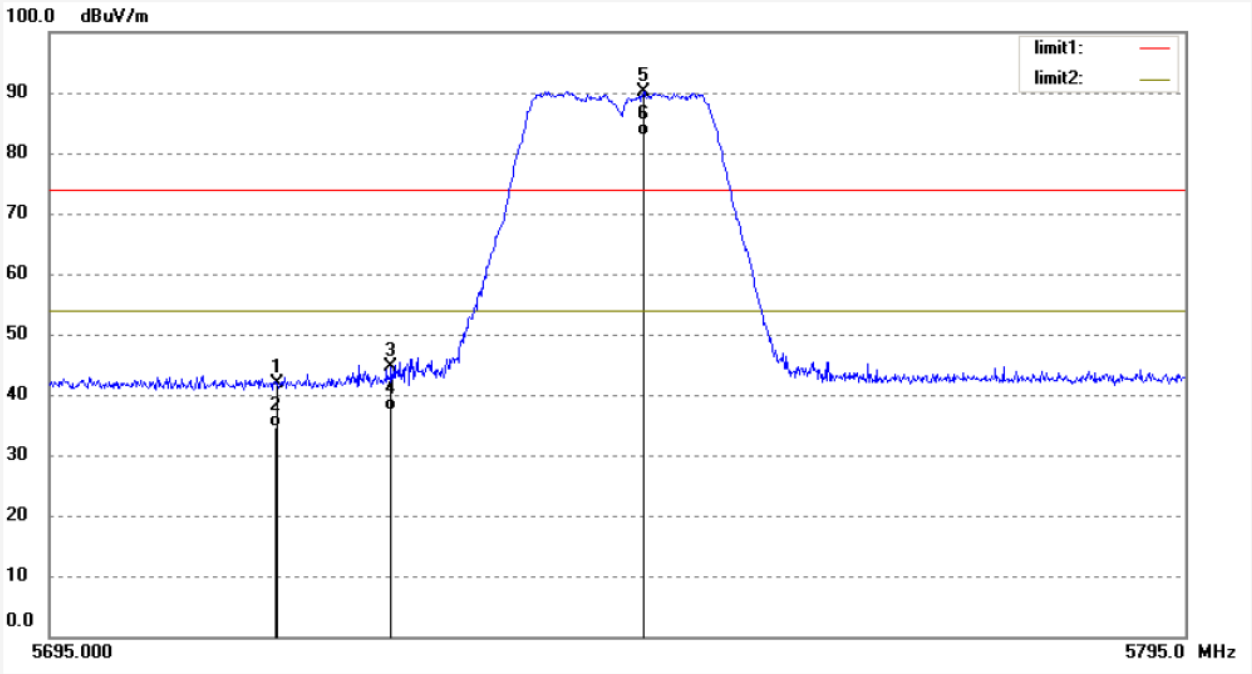


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5233.700	82.49	0.80	83.29			peak			
2	5233.700	76.10	0.80	76.90			AVG			

ACCURATE TECHNOLOGY CO., LTD.
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 #1601	Polarization: Horizontal
Standard: FCC PK	Power Source: DC 12V
Test item: Radiation Test	Date: 2016/07/26
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 20:23:11
EUT: WiFi module	Engineer Signature:
Mode: TX Channel 149-802.11A	Distance: 3m
Model: WPC0GR2231	
Manufacturer: Prima	

Note: Report NO.:ATE20161393



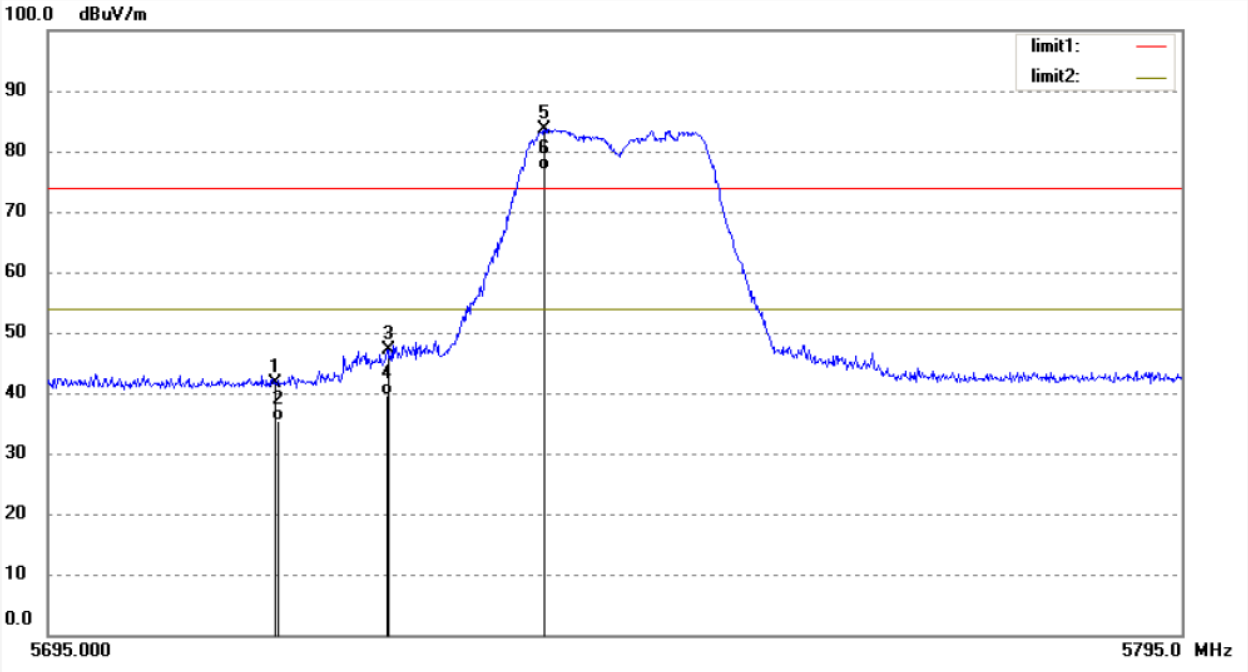
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5715.000	40.70	1.25	41.95	74.00	-32.05	peak			
2	5715.000	33.45	1.25	34.70	54.00	-19.30	AVG			
3	5725.000	43.22	1.34	44.56	74.00	-29.44	peak			
4	5725.000	36.15	1.34	37.49	54.00	-16.51	AVG			
5	5747.100	88.64	1.53	90.17			peak			
6	5747.100	81.45	1.53	82.98			AVG			

ACCURATE TECHNOLOGY CO., LTD.
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 #1600
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: WiFi module
Mode: TX Channel 149-802.11A
Model: WPC0GR2231
Manufacturer: Prima

Polarization: Vertical
Power Source: DC 12V
Date: 2016/07/26
Time: 20:22:07
Engineer Signature:
Distance: 3m

Note: Report NO.:ATE20161393



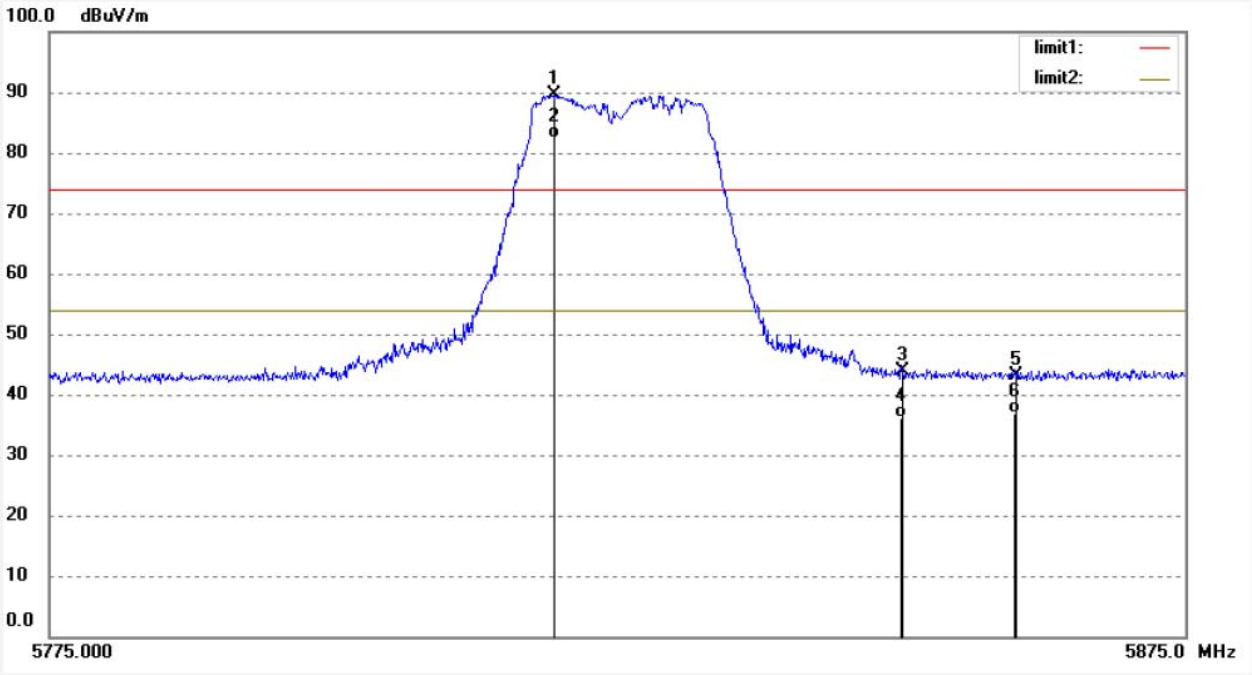
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5715.000	40.33	1.25	41.58	74.00	-32.42	peak			
2	5715.000	34.01	1.25	35.26	54.00	-18.74	AVG			
3	5725.000	45.74	1.34	47.08	74.00	-26.92	peak			
4	5725.000	38.35	1.34	39.69	54.00	-14.31	AVG			
5	5738.600	82.21	1.45	83.66			peak			
6	5738.600	75.44	1.45	76.89			AVG			

ACCURATE TECHNOLOGY CO., LTD.
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 #1602
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: WiFi module
Mode: TX Channel 165-802.11A
Model: WPC0GR2231
Manufacturer: Prima

Polarization: Horizontal
Power Source: DC 12V
Date: 2016/07/26
Time: 20:27:30
Engineer Signature:
Distance: 3m

Note: Report NO.:ATE20161393



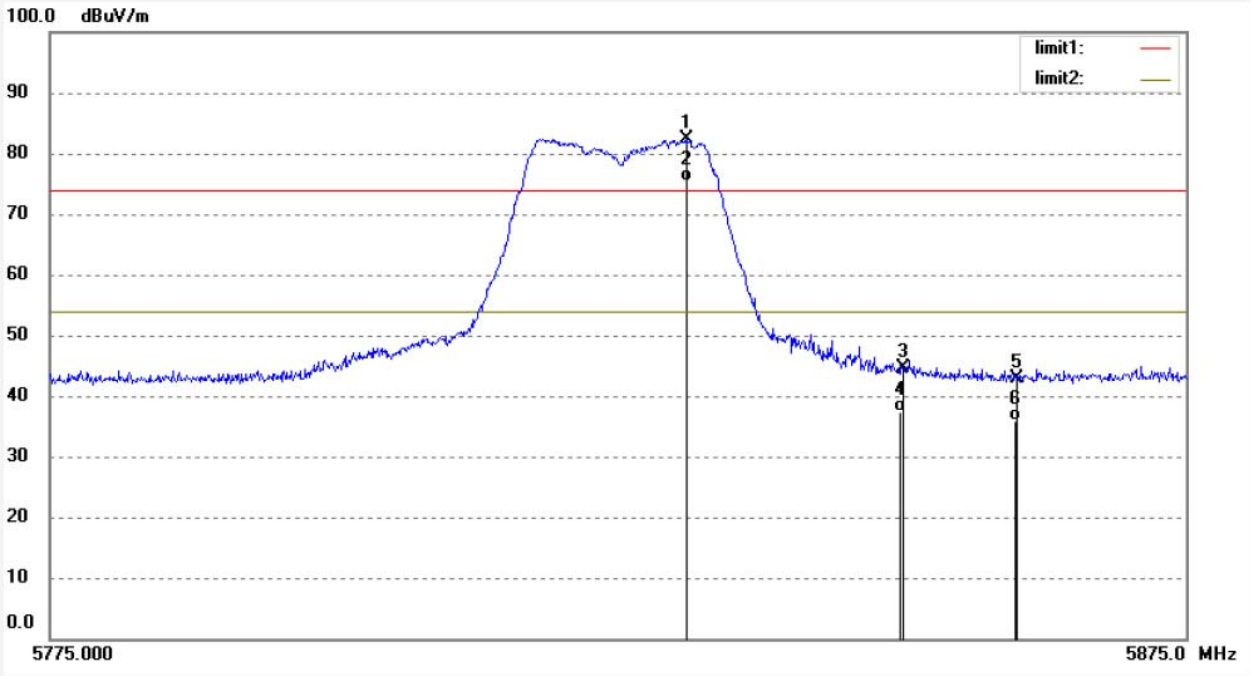
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5819.200	87.73	1.97	89.70			peak			
2	5819.200	80.34	1.97	82.31			AVG			
3	5850.000	41.91	1.96	43.87	74.00	-30.13	peak			
4	5850.000	34.16	1.96	36.12	54.00	-17.88	AVG			
5	5860.000	41.07	1.96	43.03	74.00	-30.97	peak			
6	5860.000	35.00	1.96	36.96	54.00	-17.04	AVG			

ACCURATE TECHNOLOGY CO., LTD.
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 #1603
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: WiFi module
Mode: TX Channel 165-802.11A
Model: WPC0GR2231
Manufacturer: Prima

Polarization: Vertical
Power Source: DC 12V
Date: 2016/07/26
Time: 20:28:40
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	5830.900	80.29	1.97	82.26			peak			
2	5830.900	73.46	1.97	75.43			AVG			
3	5850.000	42.63	1.96	44.59	74.00	-29.41	peak			
4	5850.000	35.37	1.96	37.33	54.00	-16.67	AVG			
5	5860.000	40.88	1.96	42.84	74.00	-31.16	peak			
6	5860.000	34.04	1.96	36.00	54.00	-18.00	AVG			

Test mode: 802.11n20 TX Frequency: 5180MHz, 5240MHz, 5745MHz, 5825MHz

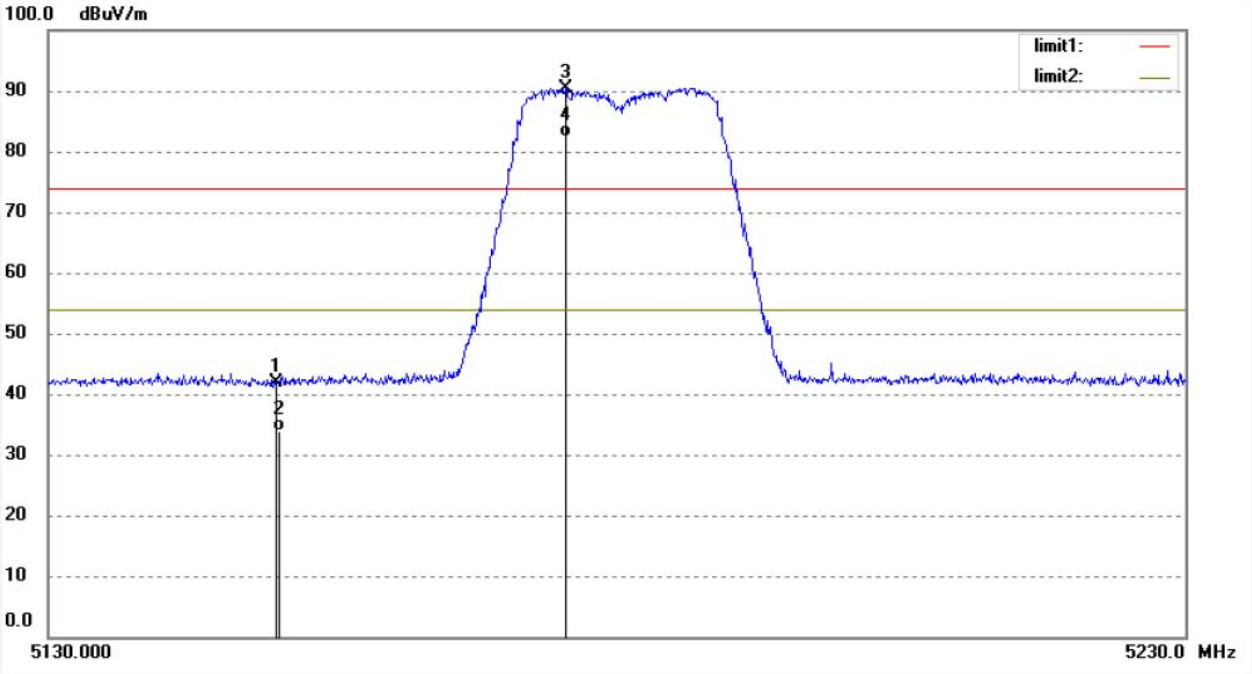
The EUT is tested Radiated Band Edge at each test mode in three axes. Besides, We have tested the single antenna transmit mode and the dual antenna emission mode. The worst emissions are reflected in the following plots

ACCURATE TECHNOLOGY CO., LTD.
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 #1605
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: WiFi module
Mode: TX Channel 36-802.11N20
Model: WPC0GR2231
Manufacturer: Prima

Polarization: Horizontal
Power Source: DC 12V
Date: 2016/07/26
Time: 20:36:07
Engineer Signature:
Distance: 3m

Note: Report NO.:ATE20161393



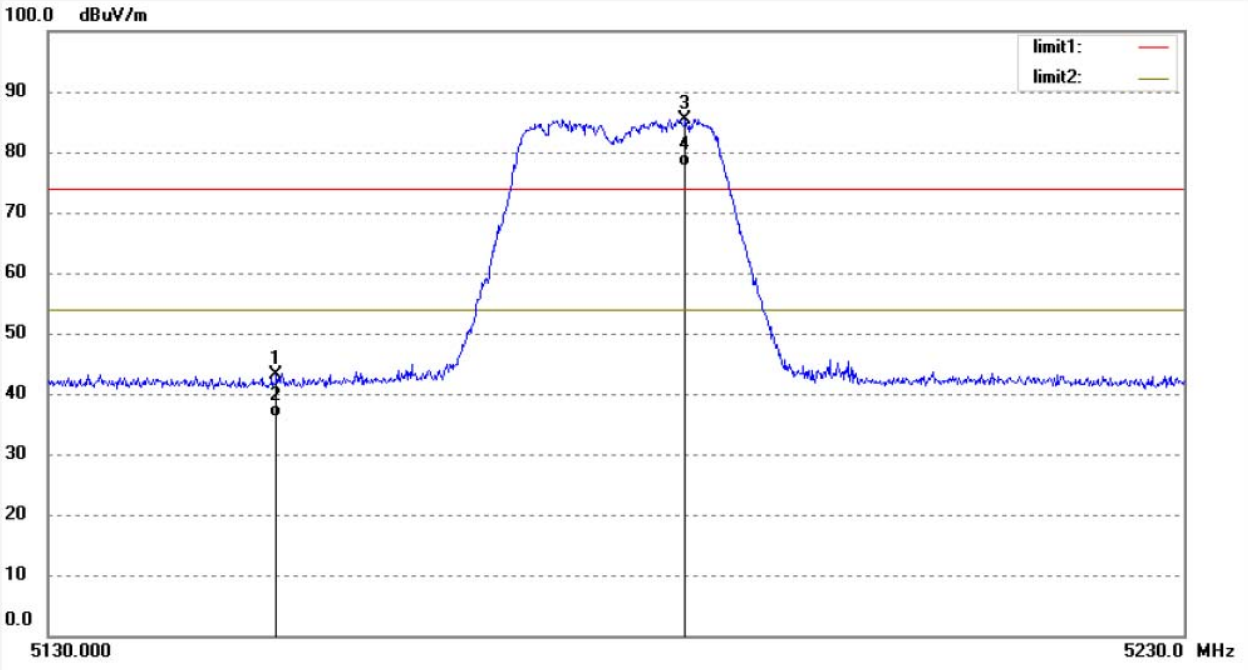
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5150.000	41.27	0.51	41.78	74.00	-32.22	peak			
2	5150.000	33.47	0.51	33.98	54.00	-20.02	AVG			
3	5175.300	89.88	0.60	90.48			peak			
4	5175.300	81.67	0.60	82.27			AVG			

ACCURATE TECHNOLOGY CO., LTD.
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 #1604
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: WiFi module
Mode: TX Channel 36-802.11N20
Model: WPC0GR2231
Manufacturer: Prima

Polarization: Vertical
Power Source: DC 12V
Date: 2016/07/26
Time: 20:33:13
Engineer Signature:
Distance: 3m

Note: Report NO.:ATE20161393

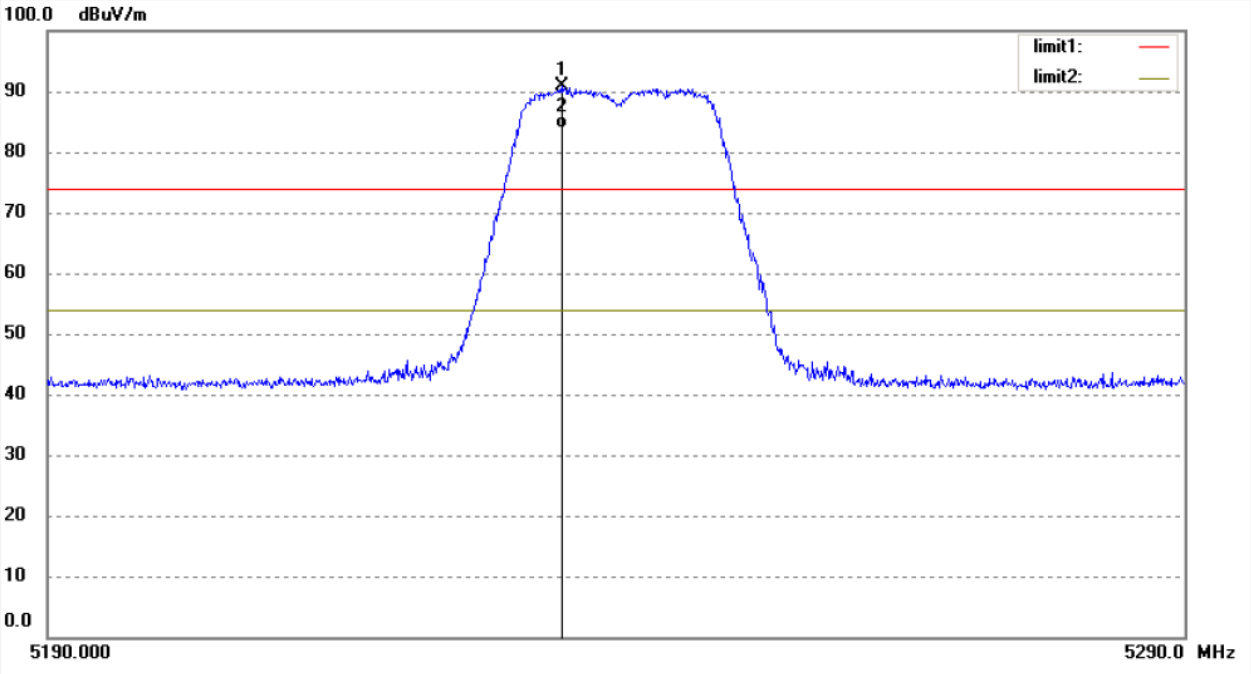


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5150.000	42.51	0.51	43.02	74.00	-30.98	peak			
2	5150.000	35.67	0.51	36.18	54.00	-17.82	AVG			
3	5185.900	84.80	0.63	85.43			peak			
4	5185.900	77.10	0.63	77.73			AVG			

ACCURATE TECHNOLOGY CO., LTD.
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 #1606	Polarization: Horizontal
Standard: FCC PK	Power Source: DC 12V
Test item: Radiation Test	Date: 2016/07/26
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 20:38:51
EUT: WiFi module	Engineer Signature:
Mode: TX Channel 48-802.11N20	Distance: 3m
Model: WPC0GR2231	
Manufacturer: Prima	

Note: Report NO.:ATE20161393

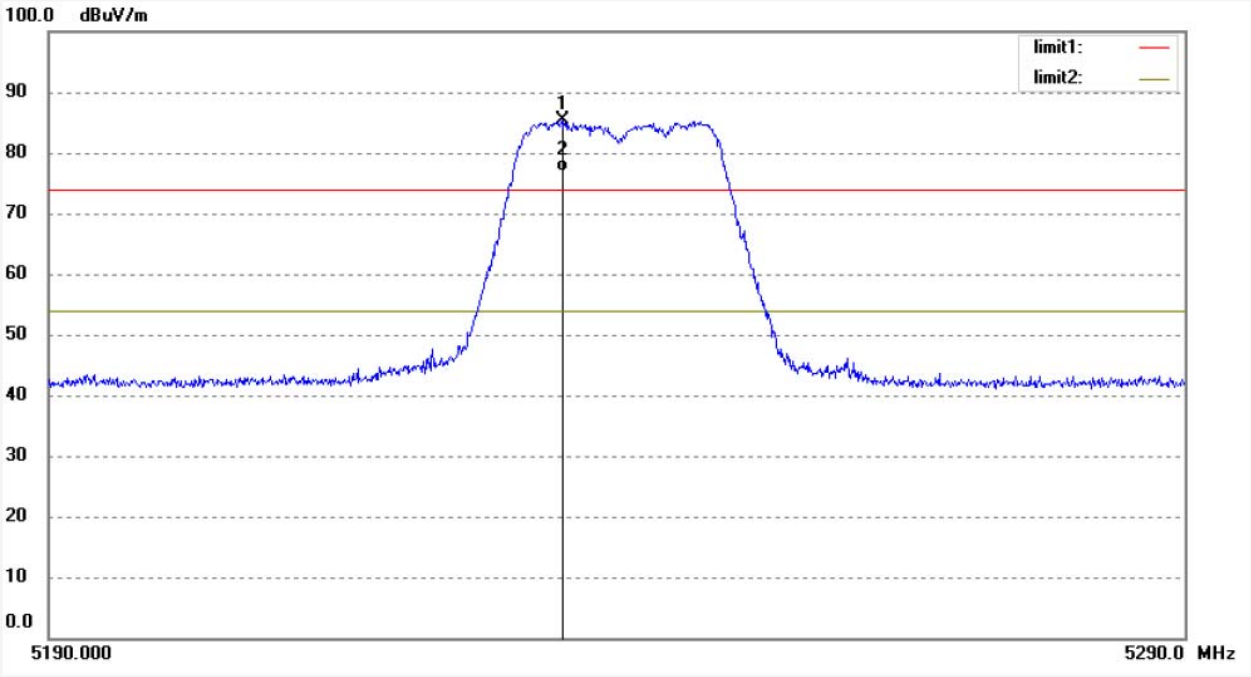


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5235.100	90.17	0.80	90.97			peak			
2	5235.100	83.00	0.80	83.80			AVG			

ACCURATE TECHNOLOGY CO., LTD.
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 #1607	Polarization: Vertical
Standard: FCC PK	Power Source: DC 12V
Test item: Radiation Test	Date: 2016/07/26
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 20:40:19
EUT: WiFi module	Engineer Signature:
Mode: TX Channel 48-802.11N20	Distance: 3m
Model: WPC0GR2231	
Manufacturer: Prima	

Note: Report NO.:ATE20161393



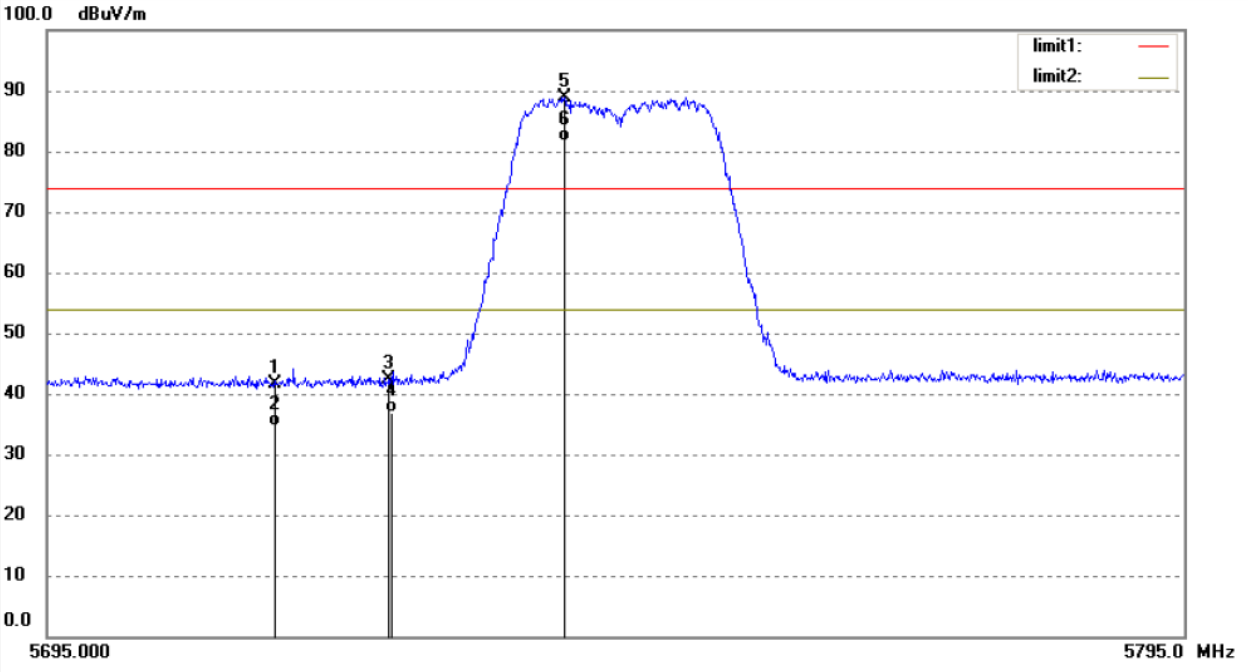
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5235.000	84.48	0.80	85.28			peak			
2	5235.000	76.14	0.80	76.94			AVG			

ACCURATE TECHNOLOGY CO., LTD.
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 #1609
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: WiFi module
Mode: TX Channel 149-802.11N20
Model: WPC0GR2231
Manufacturer: Prima

Polarization: Horizontal
Power Source: DC 12V
Date: 2016/07/26
Time: 20:43:34
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	40.39	1.25	41.64	74.00	-32.36	peak			
2	5715.000	33.47	1.25	34.72	54.00	-19.28	AVG			
3	5725.000	41.01	1.34	42.35	74.00	-31.65	peak			
4	5725.000	35.61	1.34	36.95	54.00	-17.05	AVG			
5	5740.300	87.41	1.46	88.87			peak			
6	5740.300	80.10	1.46	81.56			AVG			