



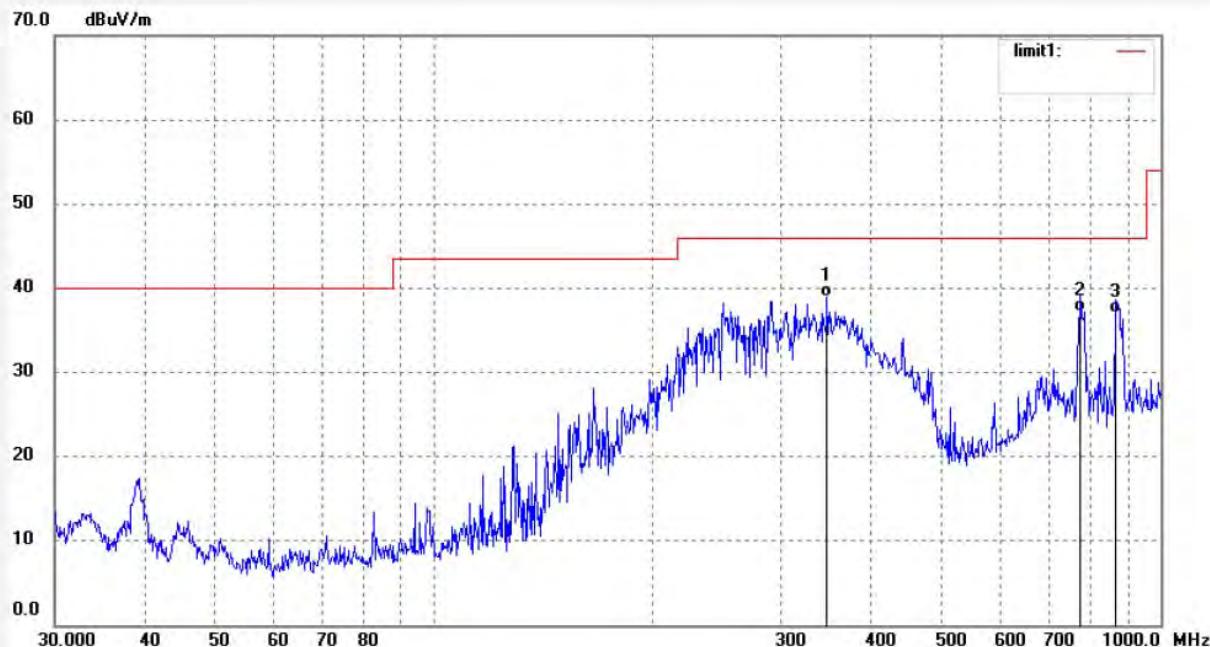
## ACCURATE TECHNOLOGY CO., LTD.

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.: STAR2015 #1912      Polarization: Horizontal  
Standard: FCC Class B 3M Radiated      Power Source: DC 5V  
Test item: Radiation Test      Date: 15/10/26/  
Temp.( C)/Hum.(%) 25 C / 55 %      Time: 8/59/50  
EUT: Household air conditioner overseas usb wifi moudule      Engineer Signature: star  
Mode: TX Channel 1 (802.11n)      Distance: 3m  
Model: MK-QTWIFI-03  
Manufacturer: Rayson

Note: Report No.:ATE20152120



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	347.2921	53.58	-14.72	38.86	46.00	-7.14	QP			
2	776.4849	43.50	-6.30	37.20	46.00	-8.80	QP			
3	868.8858	41.68	-4.72	36.96	46.00	-9.04	QP			

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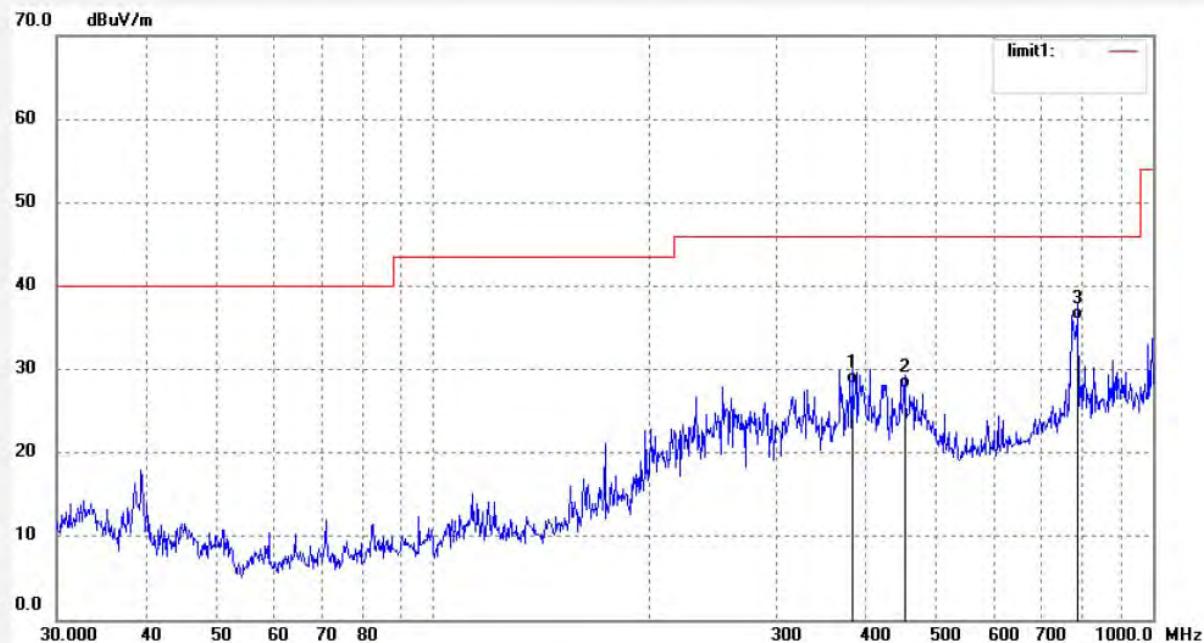
Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: STAR2015 #1913 Polarization: Vertical  
Standard: FCC Class B 3M Radiated Power Source: DC 5V  
Test item: Radiation Test Date: 15/10/26/  
Temp. ( C)/Hum.(%) 25 C / 55 % Time: 9/01/27  
EUT: Household air conditioner overseas usb wifi moudule Engineer Signature: star  
Mode: TX Channel 1 (802.11n) Distance: 3m  
Model: MK-QTWIFI-03  
Manufacturer: Rayson

Note: Report No.:ATE20152120



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	381.8519	42.35	-14.14	28.21	46.00	-17.79	QP			
2	452.0013	40.78	-12.96	27.82	46.00	-18.18	QP			
3	787.4749	42.00	-6.10	35.90	46.00	-10.10	QP			



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Site: 1# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: STAR2015 #1914

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 5V

Test item: Radiation Test

Date: 15/10/26/

Temp.( C)/Hum.(%) 25 C / 55 %

Time: 9/02/03

EUT: Household air conditioner overseas usb wifi moudule

Engineer Signature: star

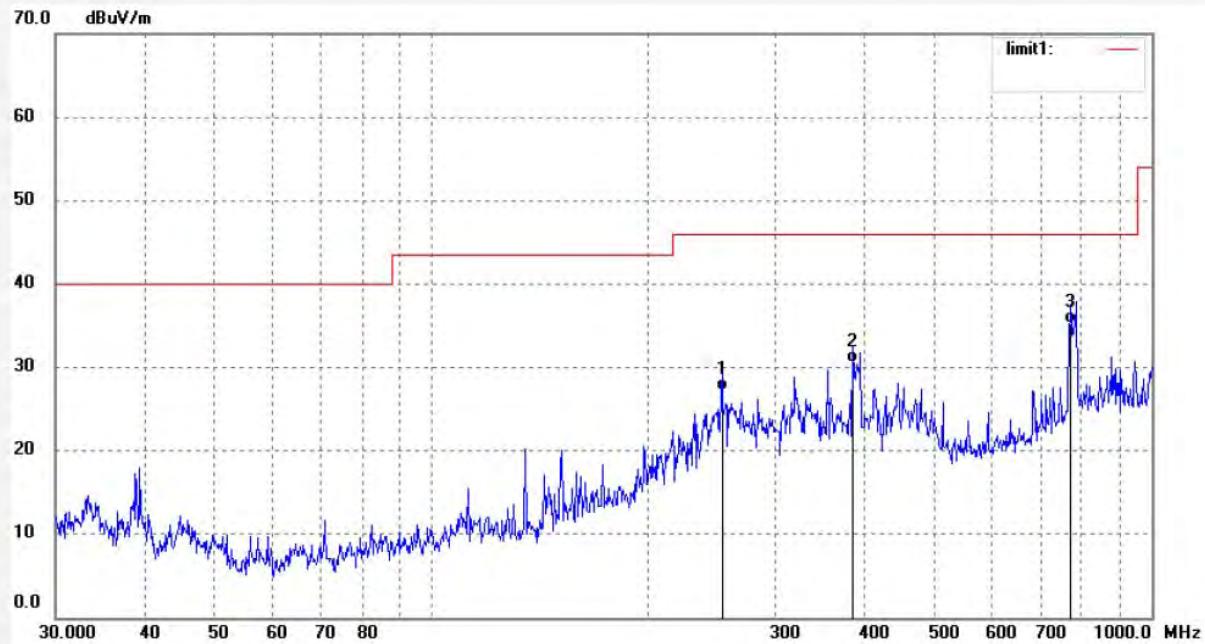
Mode: TX Channel 6 (802.11n)

Distance: 3m

Model: MK-QTWIFI-03

Manufacturer: Rayson

Note: Report No.:ATE20152120



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	253.1401	45.28	-18.00	27.28	46.00	-18.72	QP			
2	384.5446	44.70	-14.13	30.57	46.00	-15.43	QP			
3	771.0475	41.65	-6.39	35.26	46.00	-10.74	QP			



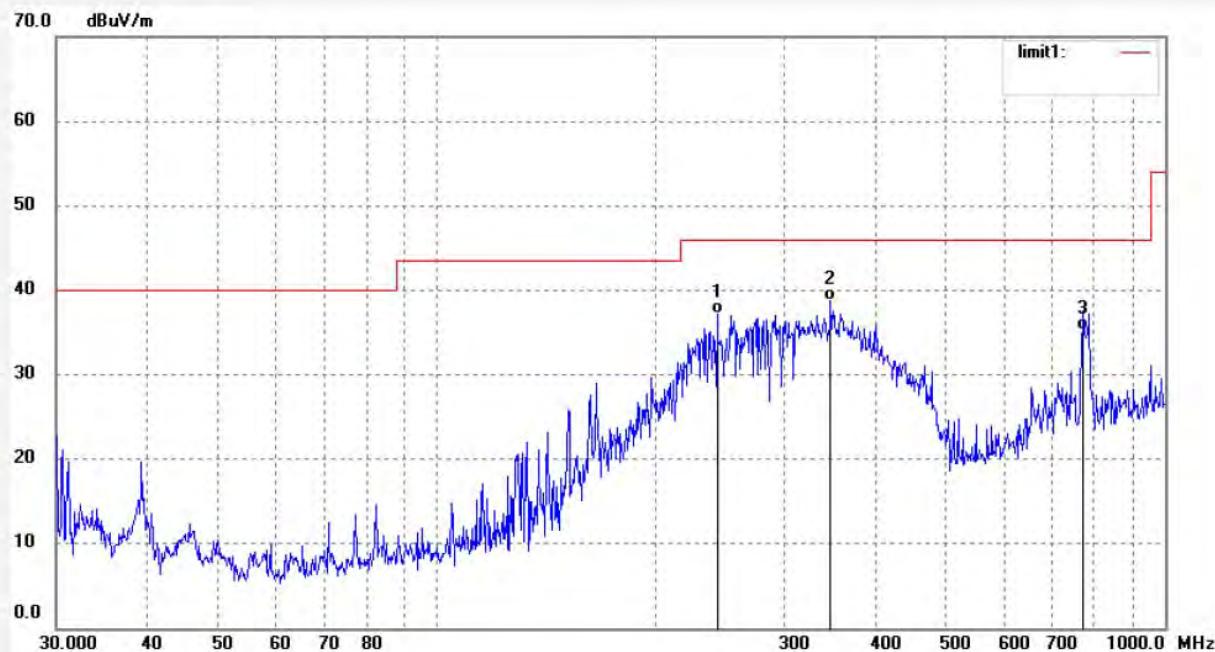
## ACCURATE TECHNOLOGY CO., LTD.

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.: STAR2015 #1915      Polarization: Horizontal  
Standard: FCC Class B 3M Radiated      Power Source: DC 5V  
Test item: Radiation Test      Date: 15/10/26/  
Temp.( C)/Hum.(%) 25 C / 55 %      Time: 9/02/57  
EUT: Household air conditioner overseas usb wifi moudule  
Mode: TX Channel 6 (802.11n)      Engineer Signature: star  
Model: MK-QTWIFI-03      Distance: 3m  
Manufacturer: Rayson

Note: Report No.:ATE20152120



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	242.6888	55.41	-18.23	37.18	46.00	-8.82	QP			
2	347.2921	53.56	-14.72	38.84	46.00	-7.16	QP			
3	771.0475	41.59	-6.39	35.20	46.00	-10.80	QP			



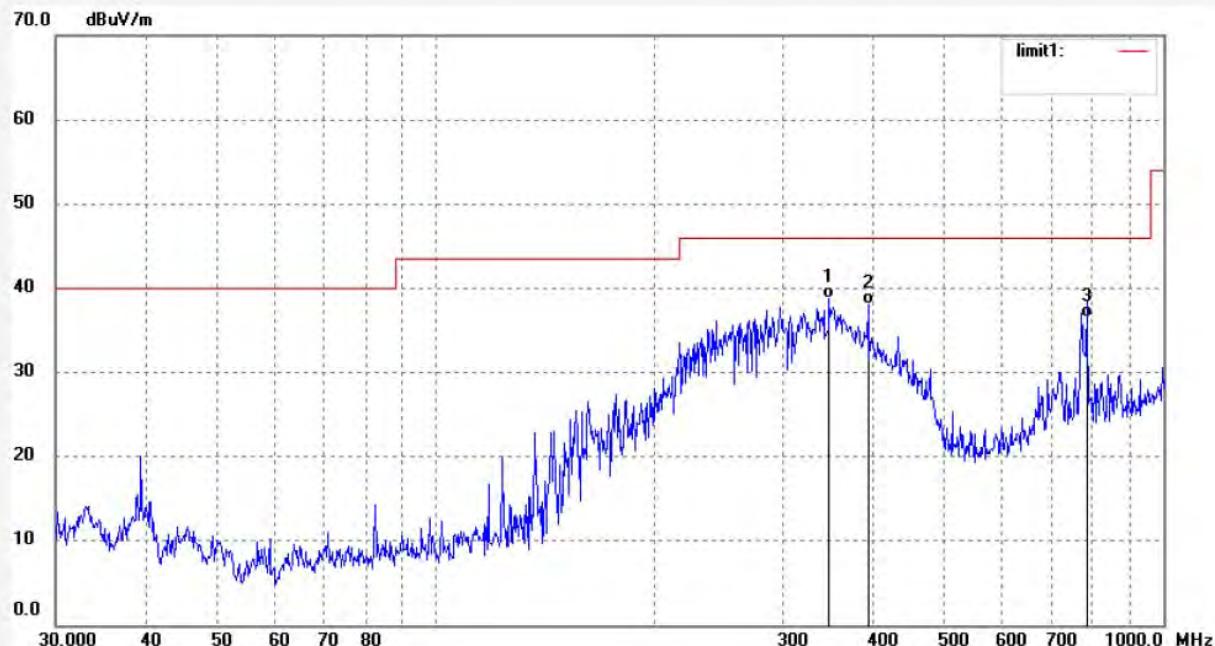
## ACCURATE TECHNOLOGY CO., LTD.

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.: STAR2015 #1916	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 15/10/26/
Temp.( C)/Hum.(%) 25 C / 55 %	Time: 9/03/40
EUT: Household air conditioner overseas usb wifi moudule	Engineer Signature: star
Mode: TX Channel 11 (802.11n)	Distance: 3m
Model: MK-QTWIFI-03	
Manufacturer: Rayson	

Note: Report No.:ATE20152120



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	347.2921	53.44	-14.72	38.72	46.00	-7.28	QP			
2	392.7375	52.12	-14.05	38.07	46.00	-7.93	QP			
3	784.7128	42.67	-6.15	36.52	46.00	-9.48	QP			



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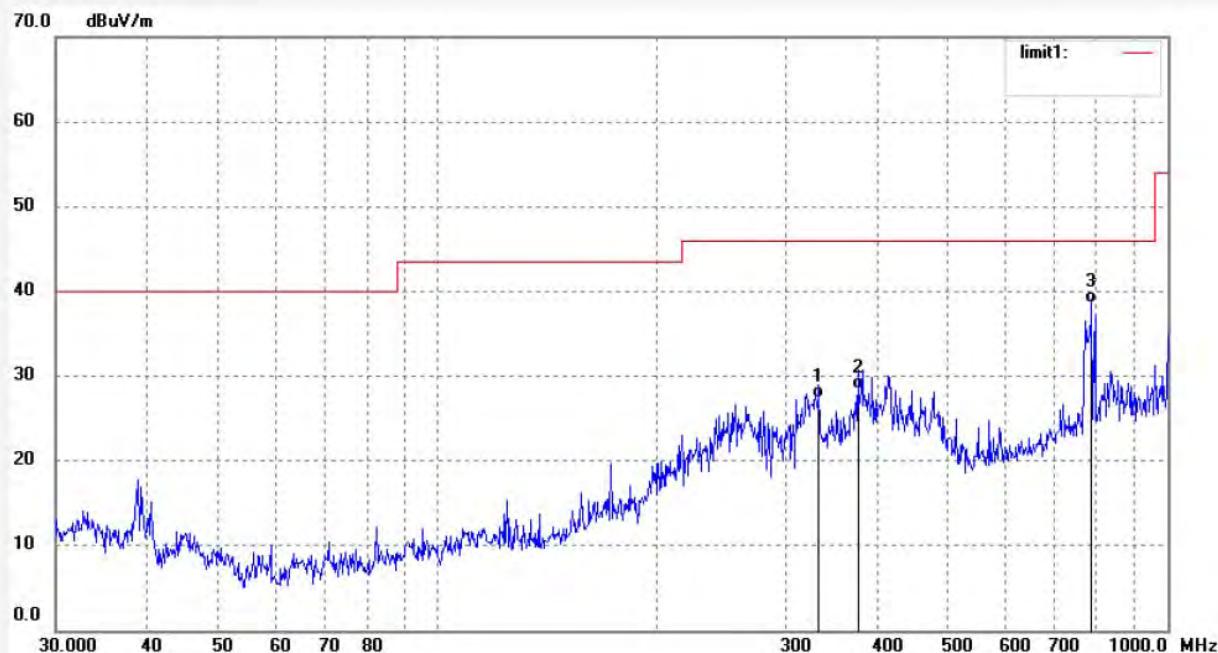
Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: STAR2015 #1917      Polarization: Vertical  
 Standard: FCC Class B 3M Radiated      Power Source: DC 5V  
 Test item: Radiation Test      Date: 15/10/26/  
 Temp.( C)/Hum.(%) 25 C / 55 %      Time: 9/04/30  
 EUT: Household air conditioner overseas usb wifi moudule      Engineer Signature: star  
 Mode: TX Channel 11 (802.11n)      Distance: 3m  
 Model: MK-QTWIFI-03  
 Manufacturer: Rayson

Note: Report No.:ATE20152120



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	332.9534	42.67	-15.22	27.45	46.00	-18.55	QP			
2	376.5227	42.55	-14.18	28.37	46.00	-17.63	QP			
3	787.4749	44.69	-6.10	38.59	46.00	-7.41	QP			



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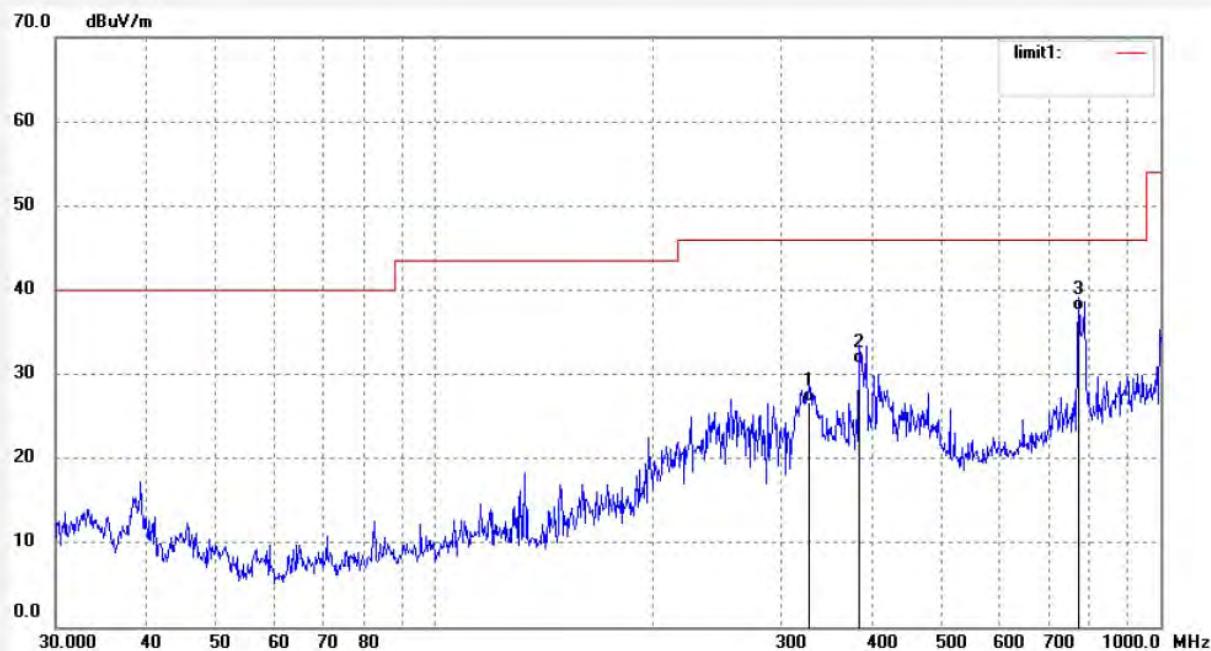
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: STAR2015 #1918  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 25 C / 55 %  
EUT: Household air conditioner overseas usb wifi module  
Mode: TX Channel 3 (802.11n)40MHz  
Model: MK-QTWIFI-03  
Manufacturer: Rayson

Polarization: Vertical  
Power Source: DC 5V  
Date: 15/10/26/  
Time: 9/05/20  
Engineer Signature: star  
Distance: 3m

Note: Report No.:ATE20152120



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	328.3068	42.20	-15.46	26.74	46.00	-19.26	QP			
2	384.5446	45.30	-14.13	31.17	46.00	-14.83	QP			
3	771.0475	43.97	-6.39	37.58	46.00	-8.42	QP			



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Site: 1# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: STAR2015 #1919

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: DC 5V

Test item: Radiation Test

Date: 15/10/26/

Temp. ( C)/Hum.(%) 25 C / 55 %

Time: 9/08/12

EUT: Household air conditioner overseas usb wifi moudule

Engineer Signature: star

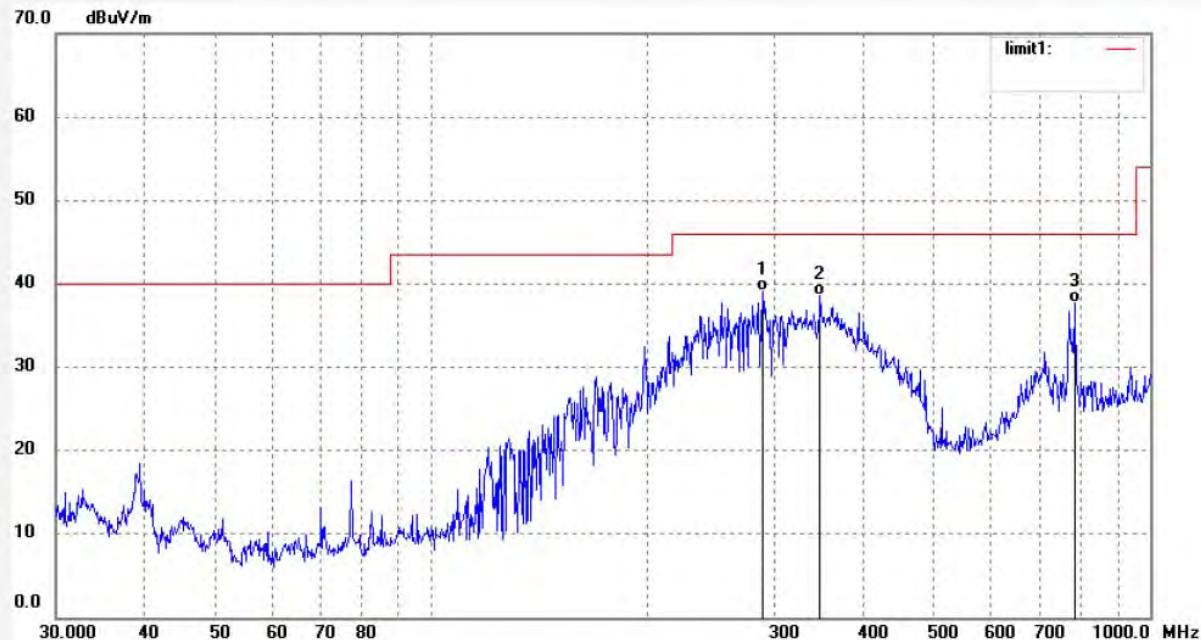
Mode: TX Channel 3 (802.11n)40MHz

Distance: 3m

Model: MK-QTWIFI-03

Manufacturer: Rayson

Note: Report No.:ATE20152120



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	289.2986	55.64	-16.52	39.12	46.00	-6.88	QP			
2	347.2921	53.36	-14.72	38.64	46.00	-7.36	QP			
3	787.4749	43.84	-6.10	37.74	46.00	-8.26	QP			



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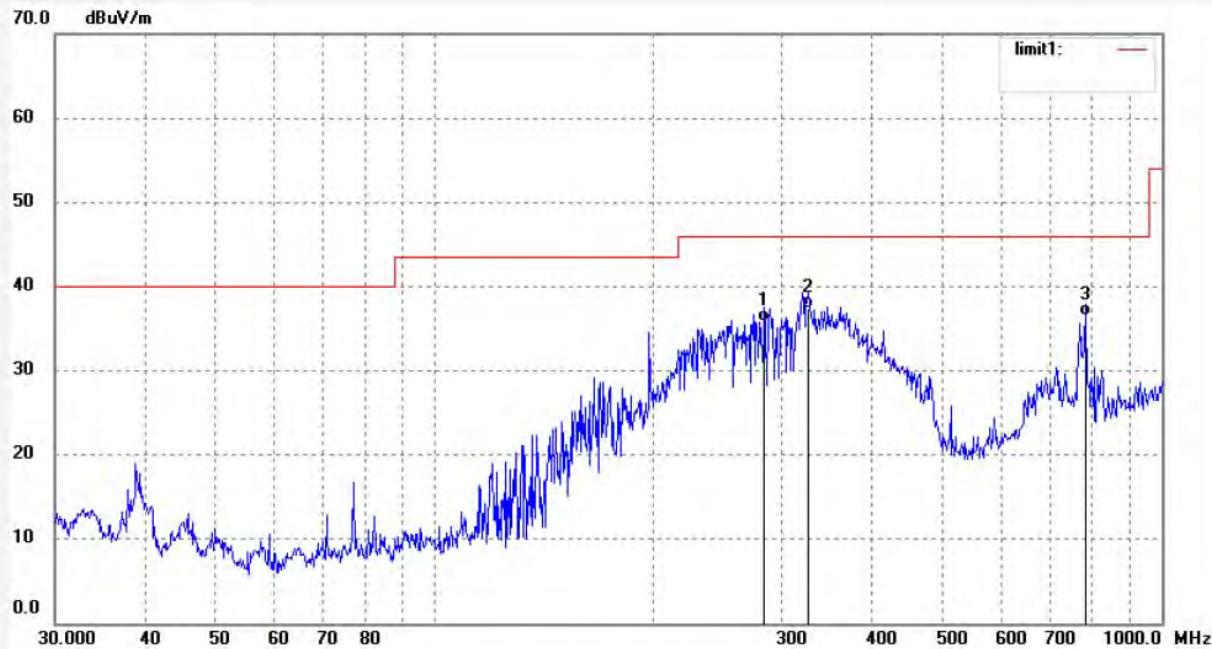
Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: STAR2015 #1920      Polarization: Horizontal  
 Standard: FCC Class B 3M Radiated      Power Source: DC 5V  
 Test item: Radiation Test      Date: 15/10/26/  
 Temp.( C)/Hum.(%) 25 C / 55 %      Time: 9/10/05  
 EUT: Household air conditioner overseas usb wifi moudule      Engineer Signature: star  
 Mode: TX Channel 6 (802.11n)40MHz      Distance: 3m  
 Model: MK-QTWIFI-03  
 Manufacturer: Rayson

Note: Report No.:ATE20152120



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	284.2606	52.34	-16.60	35.74	46.00	-10.26	QP			
2	326.0079	52.90	-15.55	37.35	46.00	-8.65	QP			
3	784.7128	42.66	-6.15	36.51	46.00	-9.49	QP			



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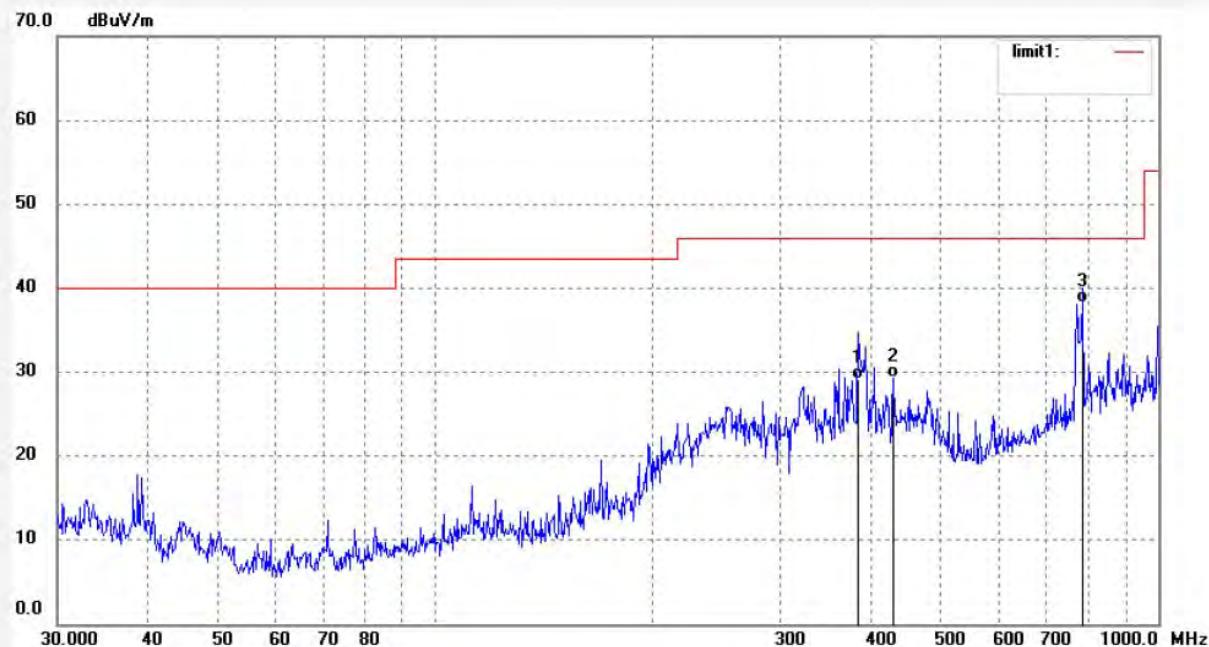
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: STAR2015 #1921	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 15/10/26/
Temp.( C)/Hum.(%) 25 C / 55 %	Time: 9/11/07
EUT: Household air conditioner overseas usb wifi moudule	Engineer Signature: star
Mode: TX Channel 6 (802.11n)40MHz	Distance: 3m
Model: MK-QTWIFI-03	
Manufacturer: Rayson	
Note: Report No.:ATE20152120	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	384.5446	43.25	-14.13	29.12	46.00	-16.88	QP			
2	430.3052	42.76	-13.51	29.25	46.00	-16.75	QP			
3	784.7128	44.38	-6.15	38.23	46.00	-7.77	QP			

Job No.: STAR2015 #1922

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 5V

Test item: Radiation Test

Date: 15/10/26/

Temp. ( C)/Hum.(%) 25 C / 55 %

Time: 9/11/57

EUT: Household air conditioner overseas usb wifi moudule

Engineer Signature: star

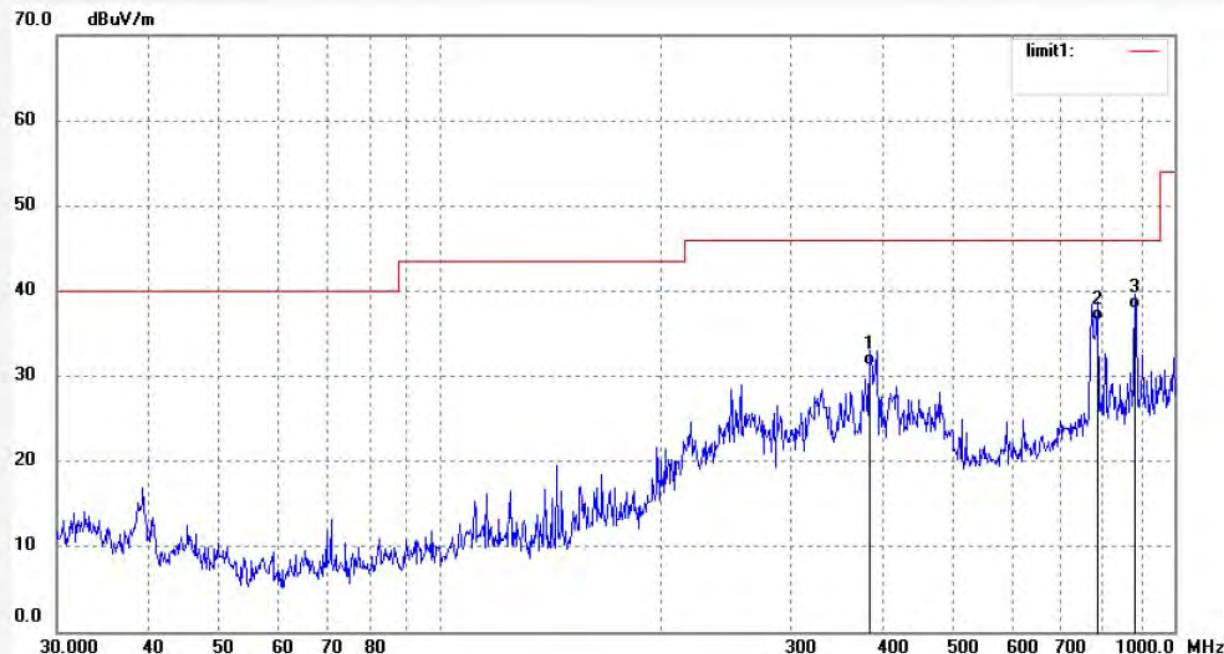
Mode: TX Channel 9 (802.11n)40MHz

Distance: 3m

Model: MK-QTWIFI-03

Manufacturer: Rayson

Note: Report No.:ATE20152120



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	384.5447	45.39	-14.13	31.26	46.00	-14.74	QP			
2	784.7129	42.71	-6.15	36.56	46.00	-9.44	QP			
3	884.2853	42.38	-4.44	37.94	46.00	-8.06	QP			

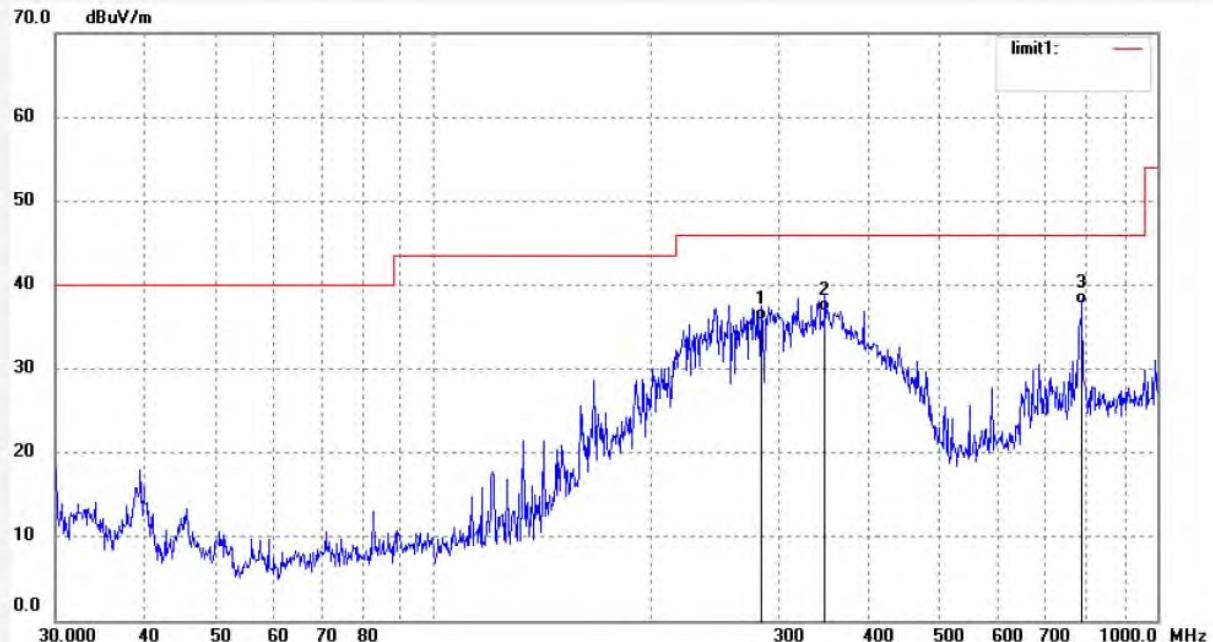


## ACCURATE TECHNOLOGY CO., LTD.

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.: STAR2015 #1923	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 15/10/26/
Temp.( C)/Hum.(%) 25 C / 55 %	Time: 9/12/41
EUT: Household air conditioner overseas usb wifi moudule	Engineer Signature: star
Mode: TX Channel 9 (802.11n)40MHz	Distance: 3m
Model: MK-QTWIFI-03	
Manufacturer: Rayson	
Note: Report No.:ATE20152120	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	283.2636	52.37	-16.63	35.74	46.00	-10.26	QP			
2	347.2921	51.55	-14.72	36.83	46.00	-9.17	QP			
3	787.4749	43.76	-6.10	37.66	46.00	-8.34	QP			

## Above 1G



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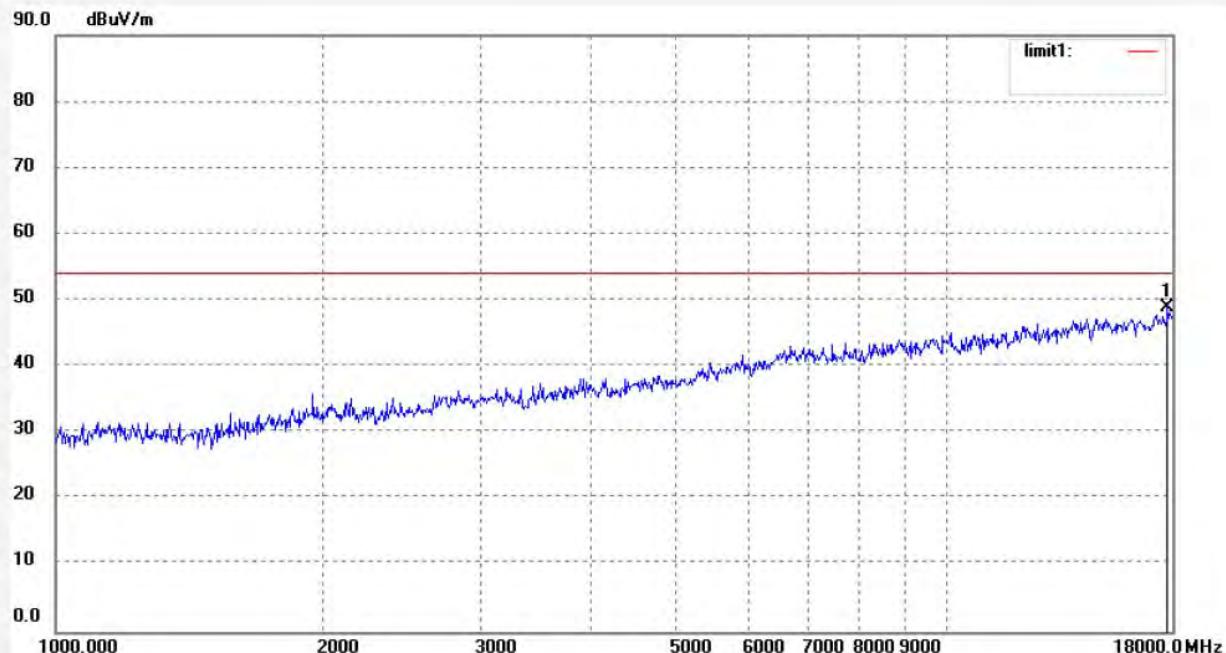
Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: STAR2015 #1876	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 15/10/23/
Temp.( C)/Hum.(%) 25 C / 55 %	Time: 16/14/50
EUT: Household air conditioner overseas usb wifi moudule	Engineer Signature: star
Mode: TX Channel 1 (802.11b)	Distance: 3m
Model: MK-QTWIFI-03	
Manufacturer: Rayson	

Note: Report No.:ATE20152120



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	17791.642	30.38	18.53	48.91	54.00	-5.09	peak			

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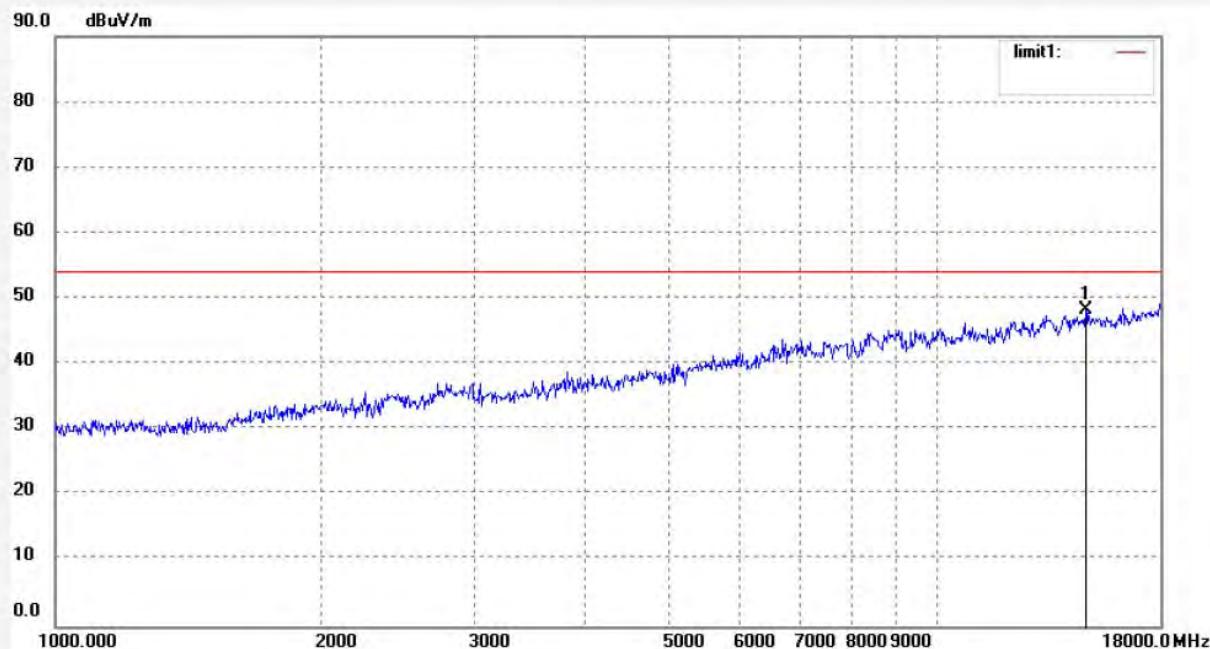
Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: STAR2015 #1877	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 15/10/23/
Temp.( C)/Hum.(%) 25 C / 55 %	Time: 16/15/26
EUT: Household air conditioner overseas usb wifi moudule	Engineer Signature: star
Mode: TX Channel 1 (802.11b)	Distance: 3m
Model: MK-QTWIFI-03	
Manufacturer: Rayson	

Note: Report No.:ATE20152120



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	14810.727	34.52	13.69	48.21	54.00	-5.79	peak			



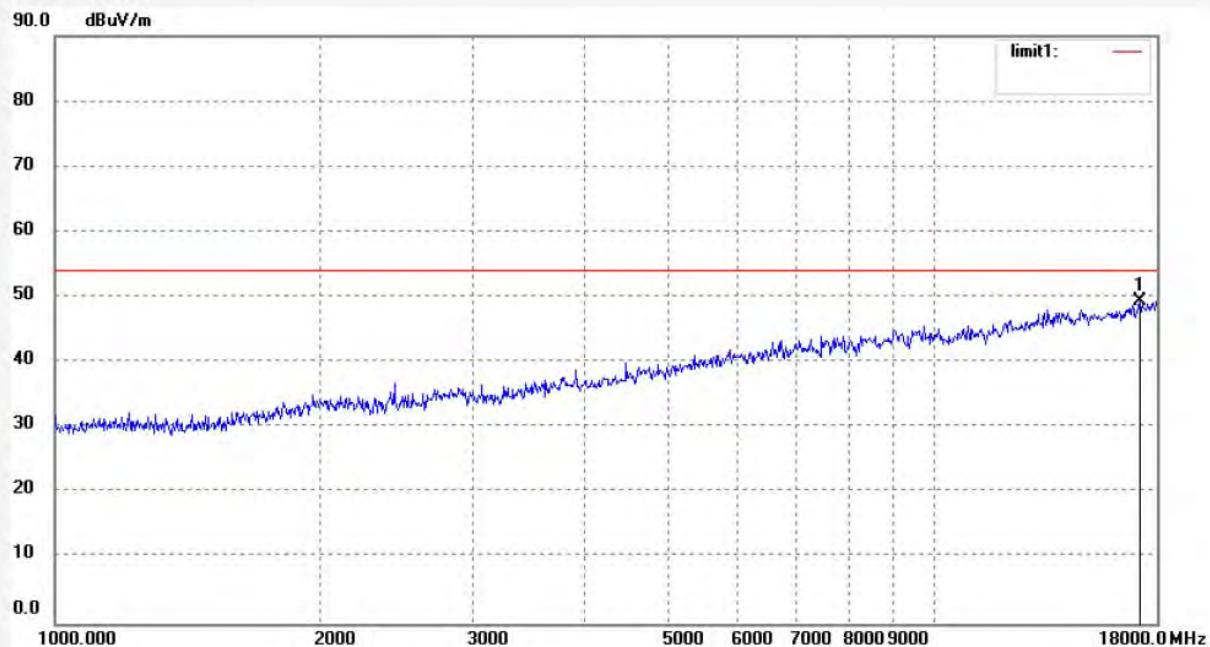
## ACCURATE TECHNOLOGY CO., LTD.

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.: STAR2015 #1878	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 15/10/23/
Temp.( C)/Hum.(%) 25 C / 55 %	Time: 16/16/07
EUT: Household air conditioner overseas usb wifi moudule	Engineer Signature: star
Mode: TX Channel 6 (802.11b)	Distance: 3m
Model: MK-QTWIFI-03	
Manufacturer: Rayson	

Note: Report No.:ATE20152120



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	17231.008	33.39	15.91	49.30	54.00	-4.70	peak			

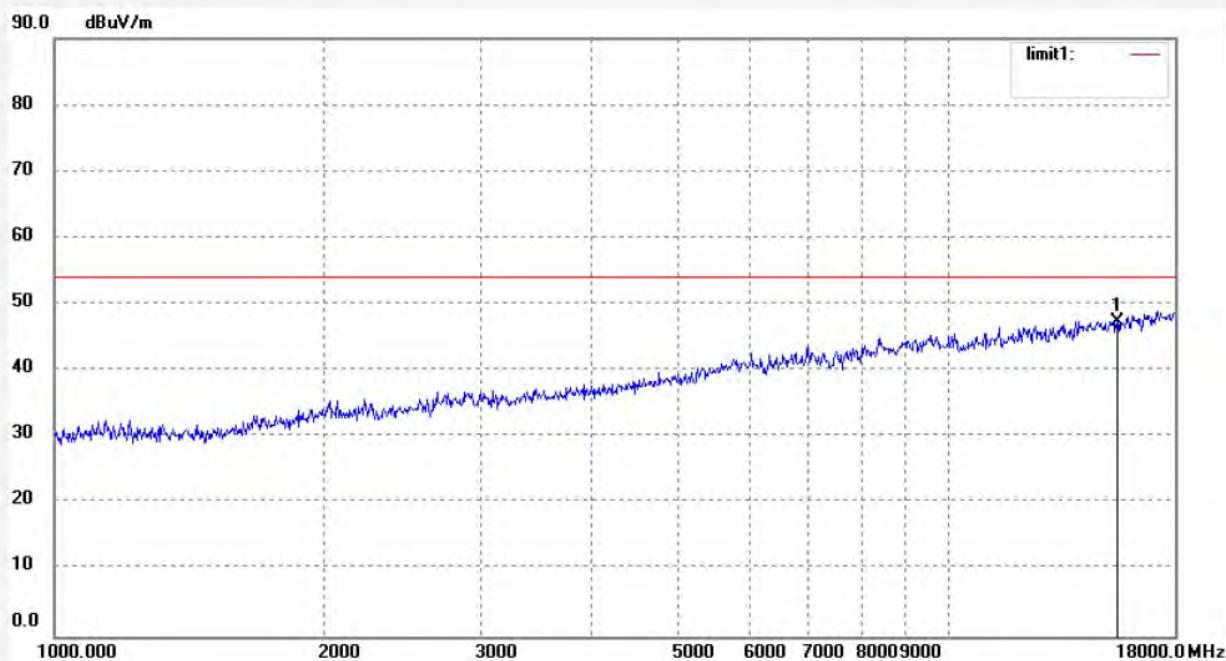


## ACCURATE TECHNOLOGY CO., LTD.

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.:	STAR2015 #1879	Polarization:	Vertical
Standard:	FCC Class B 3M Radiated	Power Source:	DC 5V
Test item:	Radiation Test	Date:	15/10/23/
Temp.( C)/Hum.(%)	25 C / 55 %	Time:	16/16/54
EUT:	Household air conditioner overseas usb wifi moudule	Engineer Signature:	star
Mode:	TX Channel 6 (802.11b)	Distance:	3m
Model:	MK-QTWIFI-03		
Manufacturer:	Rayson		
Note:	Report No.:ATE20152120		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	15516.806	34.85	12.61	47.46	54.00	-6.54	peak			



## ACCURATE TECHNOLOGY CO., LTD.

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

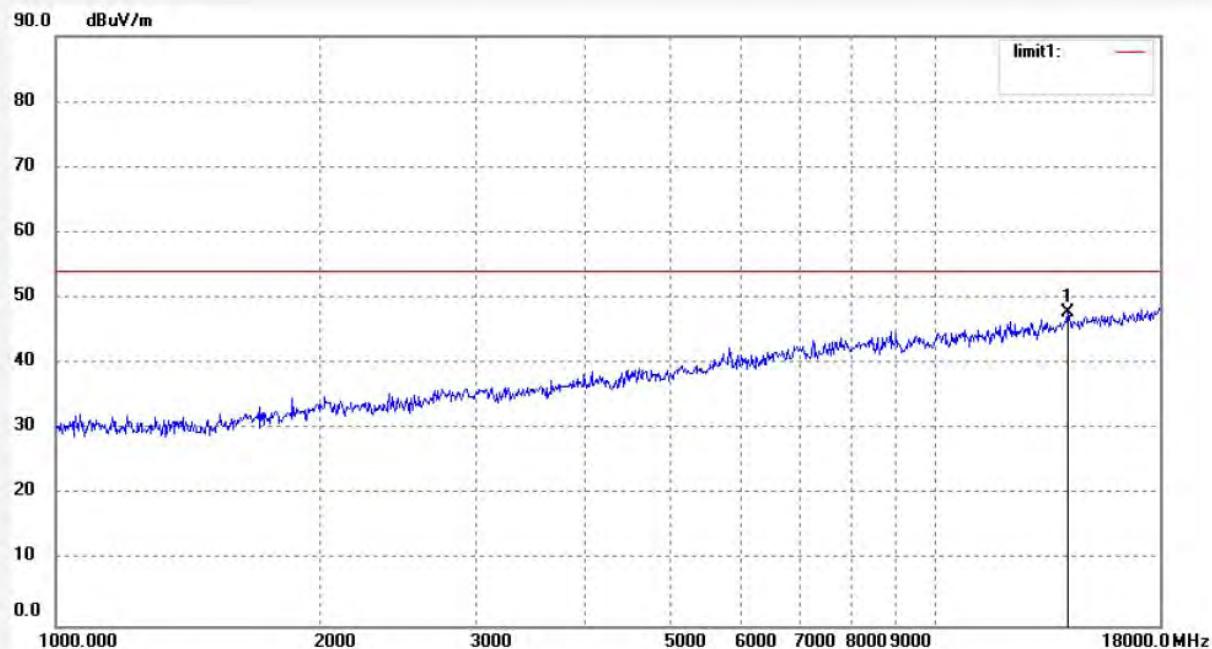
Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: STAR2015 #1880      Polarization: Vertical  
 Standard: FCC Class B 3M Radiated      Power Source: DC 5V  
 Test item: Radiation Test      Date: 15/10/23/  
 Temp.( C)/Hum.(%) 25 C / 55 %      Time: 16/17/33  
 EUT: Household air conditioner overseas usb wifi moudule      Engineer Signature: star  
 Mode: TX Channel 11 (802.11b)      Distance: 3m  
 Model: MK-QTWIFI-03  
 Manufacturer: Rayson

Note: Report No.:ATE20152120



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	14136.778	35.44	12.41	47.85	54.00	-6.15	peak			

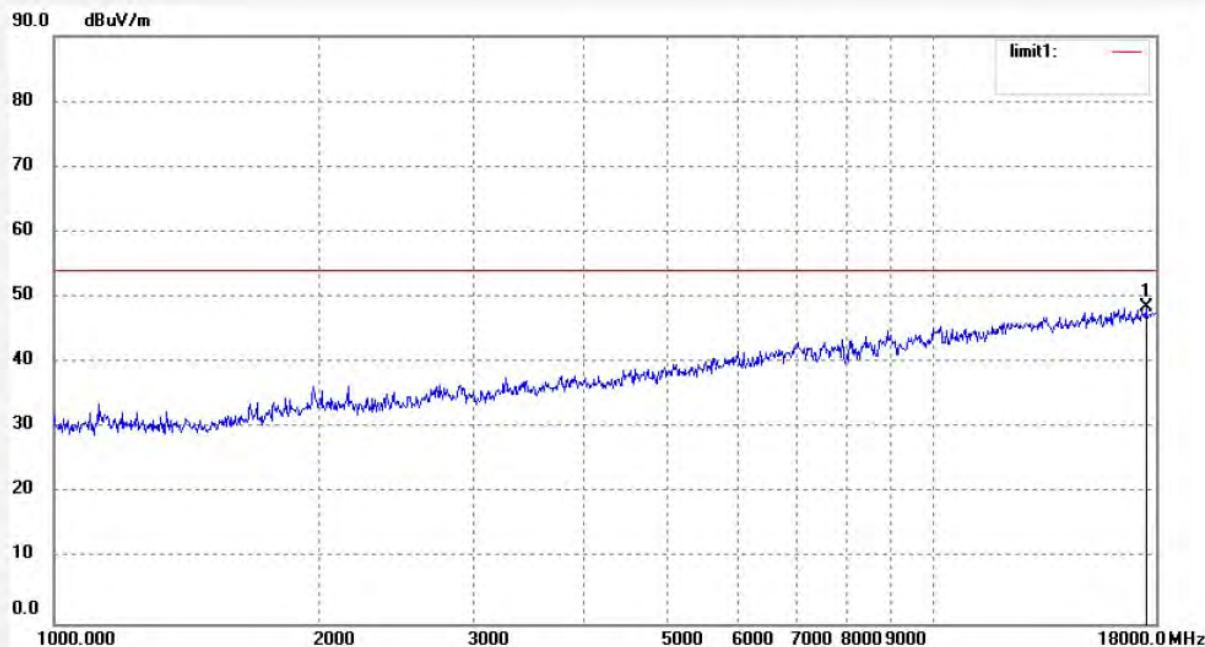


## ACCURATE TECHNOLOGY CO., LTD.

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.: STAR2015 #1881	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 15/10/23/
Temp.( C)/Hum.(%) 25 C / 55 %	Time: 16/18/14
EUT: Household air conditioner overseas usb wifi moudule	Engineer Signature: star
Mode: TX Channel 11 (802.11b)	Distance: 3m
Model: MK-QTWIFI-03	
Manufacturer: Rayson	
Note: Report No.:ATE20152120	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	17534.582	31.17	17.23	48.40	54.00	-5.60	peak			



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Site: 1# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: STAR2015 #1882

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: DC 5V

Test item: Radiation Test

Date: 15/10/23/

Temp.( C)/Hum.(%) 25 C / 55 %

Time: 16/25/43

EUT: Household air conditioner overseas usb wifi moudule

Engineer Signature: star

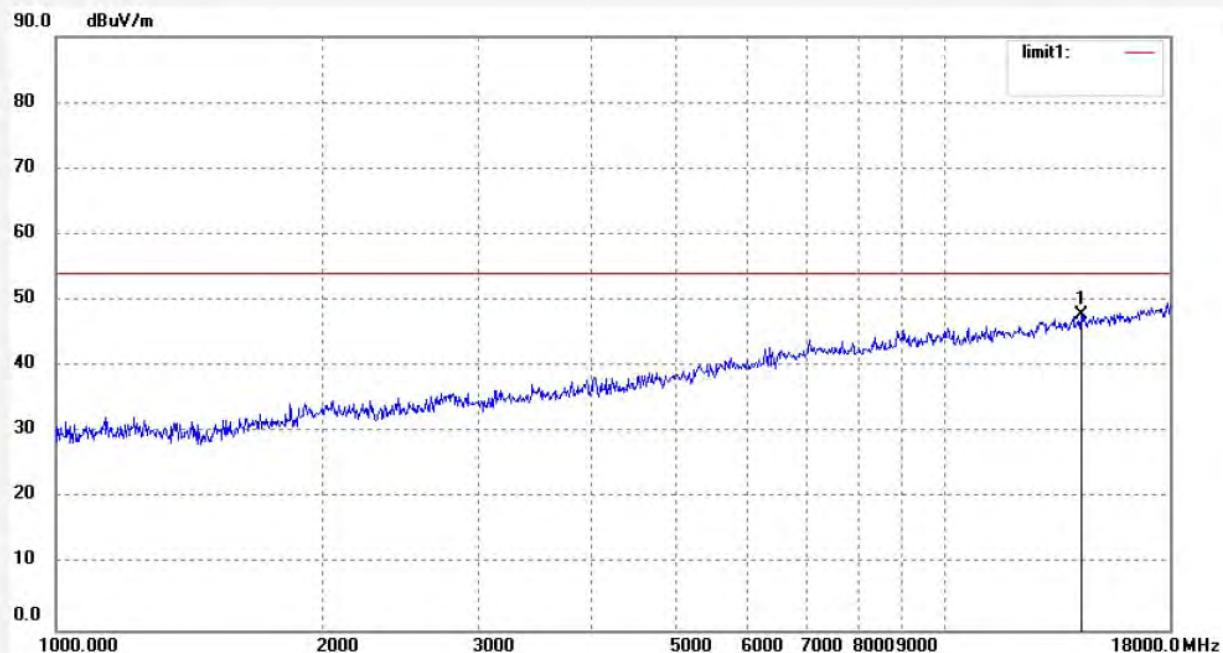
Mode: TX Channel 1 (802.11g)

Distance: 3m

Model: MK-QTWIFI-03

Manufacturer: Rayson

Note: Report No.:ATE20152120



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	14302.334	34.55	13.28	47.83	54.00	-6.17	peak			



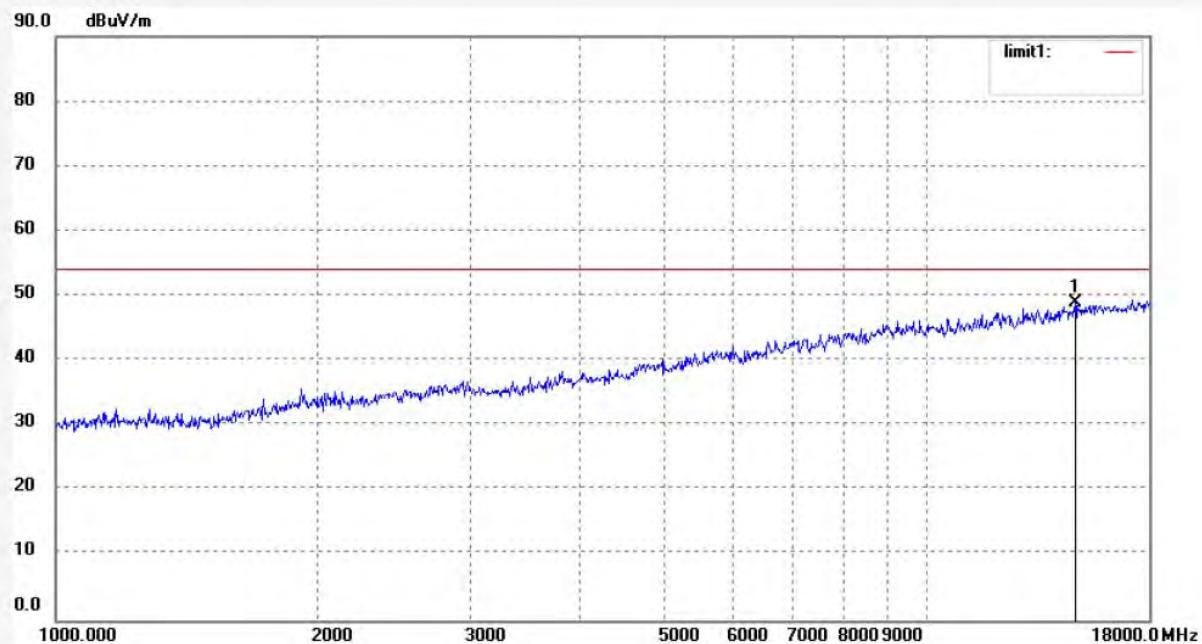
## ACCURATE TECHNOLOGY CO., LTD.

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

Site: 1# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: STAR2015 #1883 Polarization: Vertical  
Standard: FCC Class B 3M Radiated Power Source: DC 5V  
Test item: Radiation Test Date: 15/10/23/  
Temp.( C)/Hum.(%) 25 C / 55 % Time: 16/26/38  
EUT: Household air conditioner overseas usb wifi moudule Engineer Signature: star  
Mode: TX Channel 1 (802.11g) Distance: 3m  
Model: MK-QTWIFI-03  
Manufacturer: Rayson

Note: Report No.:ATE20152120



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	14810.727	35.32	13.69	49.01	54.00	-4.99	peak			



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Site: 1# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: STAR2015 #1884

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 5V

Test item: Radiation Test

Date: 15/10/23/

Temp.( C)/Hum.(%) 25 C / 55 %

Time: 16/27/43

EUT: Household air conditioner overseas usb wifi moudule

Engineer Signature: star

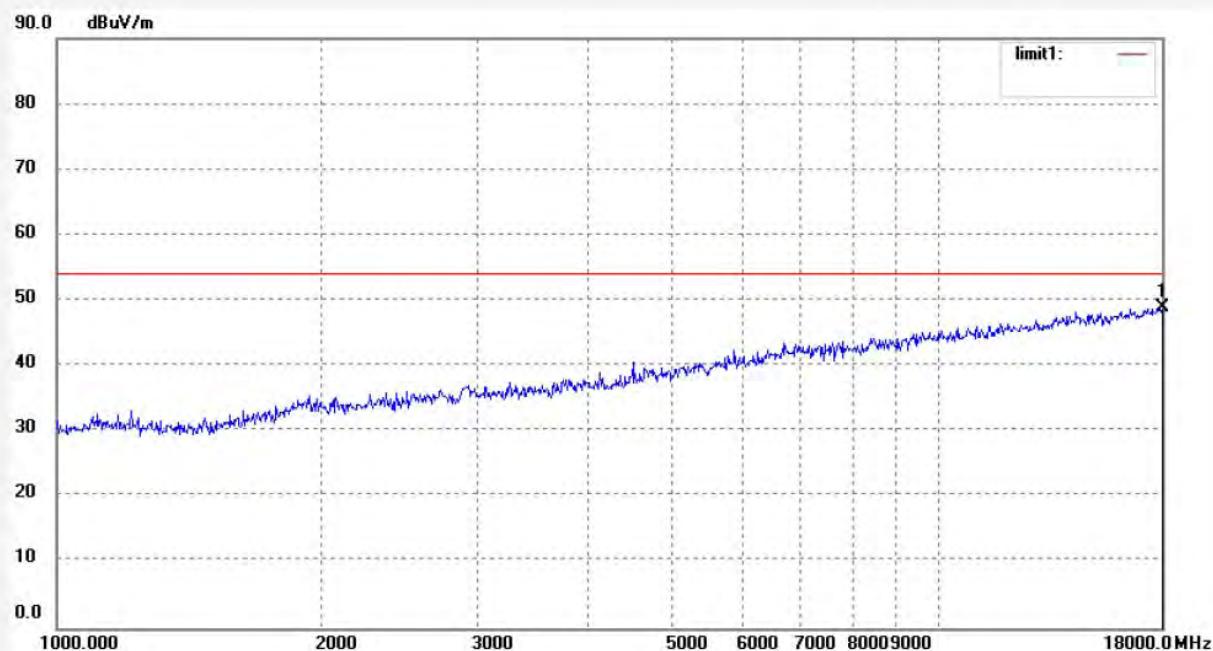
Mode: TX Channel 6 (802.11g)

Distance: 3m

Model: MK-QTWIFI-03

Manufacturer: Rayson

Note: Report No.:ATE20152120



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	18000.000	29.33	19.58	48.91	54.00	-5.09	peak			



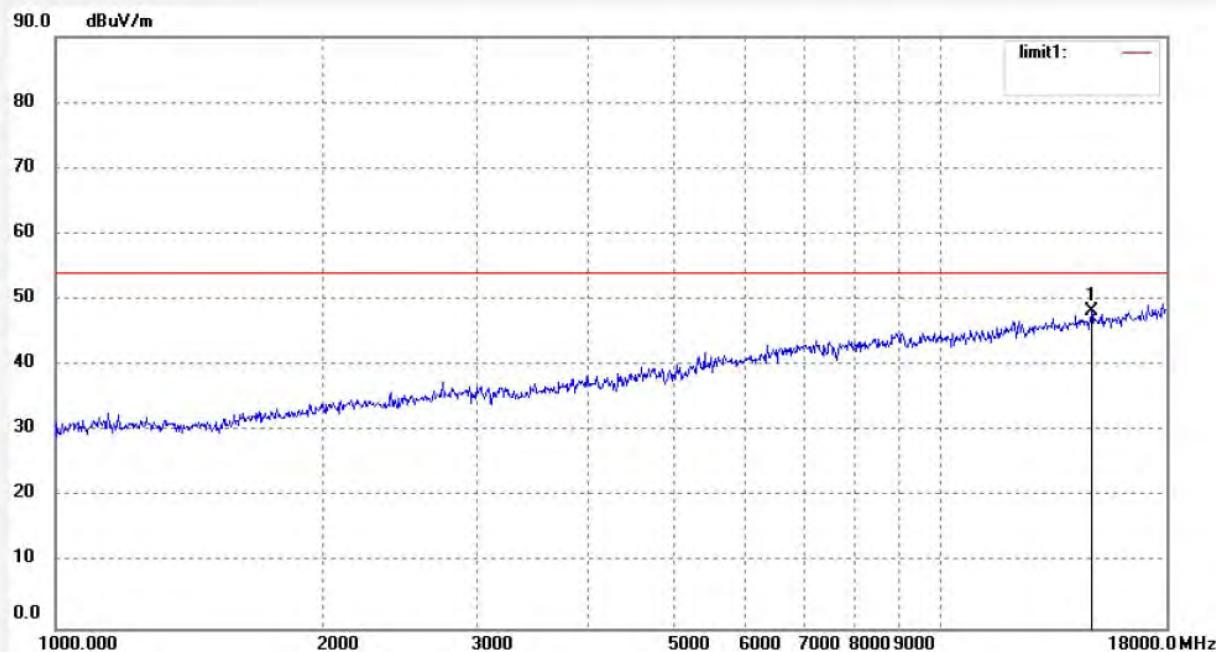
## ACCURATE TECHNOLOGY CO., LTD.

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.: STAR2015 #1885 Polarization: Horizontal  
Standard: FCC Class B 3M Radiated Power Source: DC 5V  
Test item: Radiation Test Date: 15/10/23/  
Temp.( C)/Hum.(%) 25 C / 55 % Time: 16/28/54  
EUT: Household air conditioner overseas usb wifi moudule Engineer Signature: star  
Mode: TX Channel 6 (802.11g) Distance: 3m  
Model: MK-QTWIFI-03  
Manufacturer: Rayson

Note: Report No.:ATE20152120



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	14810.727	34.55	13.69	48.24	54.00	-5.76	peak			



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Site: 1# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: STAR2015 #1886

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 5V

Test item: Radiation Test

Date: 15/10/23/

Temp.( C)/Hum.(%) 25 C / 55 %

Time: 17/12/21

EUT: Household air conditioner overseas usb wifi moudule

Engineer Signature: star

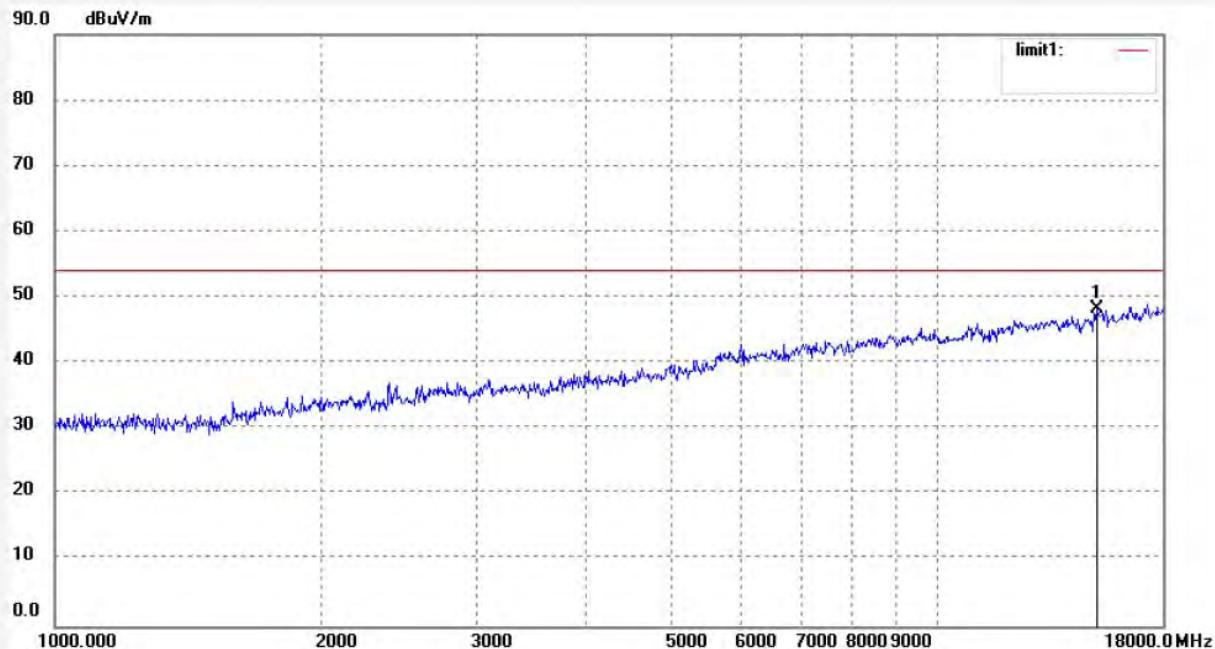
Mode: TX Channel 11 (802.11g)

Distance: 3m

Model: MK-QTWIFI-03

Manufacturer: Rayson

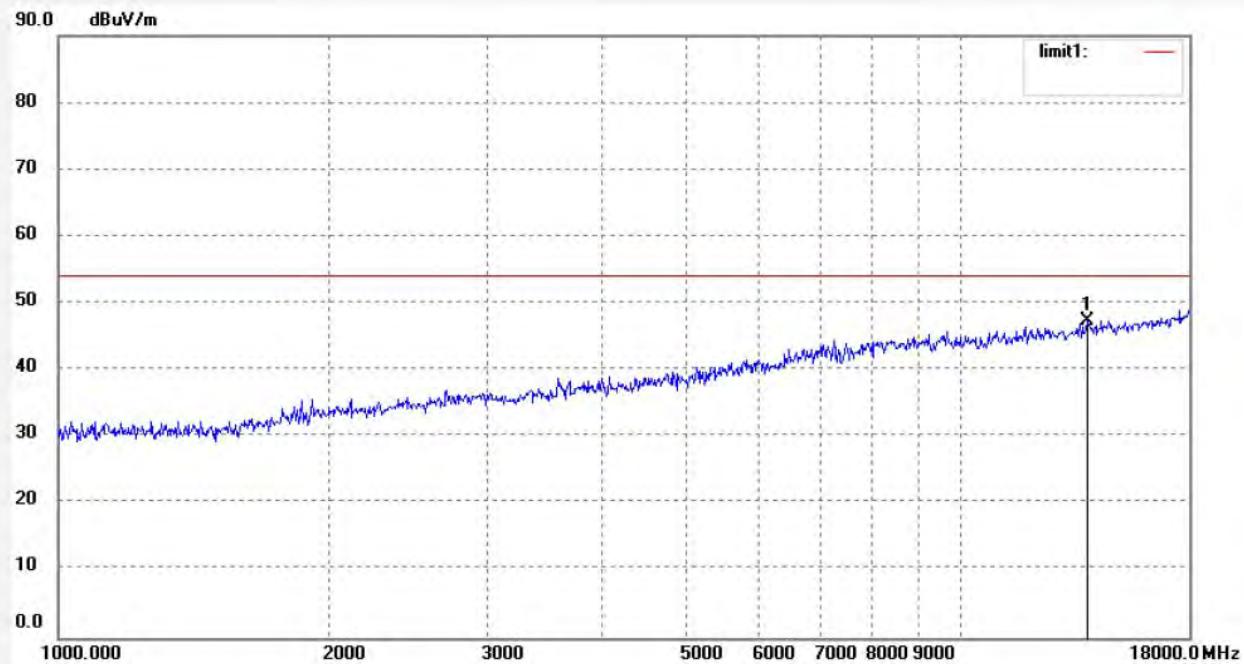
Note: Report No.:ATE20152120



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	15159.656	35.11	13.06	48.17	54.00	-5.83	peak			

Job No.: STAR2015 #1887      Polarization: Horizontal  
 Standard: FCC Class B 3M Radiated      Power Source: DC 5V  
 Test item: Radiation Test      Date: 15/10/23/  
 Temp. ( C) / Hum. (%) 25 C / 55 %      Time: 17/13/07  
 EUT: Household air conditioner overseas usb wifi moudule      Engineer Signature: star  
 Mode: TX Channel 11 (802.11g)      Distance: 3m  
 Model: MK-QTWIFI-03  
 Manufacturer: Rayson

Note: Report No.:ATE20152120



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	13851.652	36.10	11.30	47.40	54.00	-6.60	peak			



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

Job No.: STAR2015 #1888

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: DC 5V

Test item: Radiation Test

Date: 15/10/23/

Temp.( C)/Hum.(%) 25 C / 55 %

Time: 17/13/57

EUT: Household air conditioner overseas usb wifi moudule

Engineer Signature: star

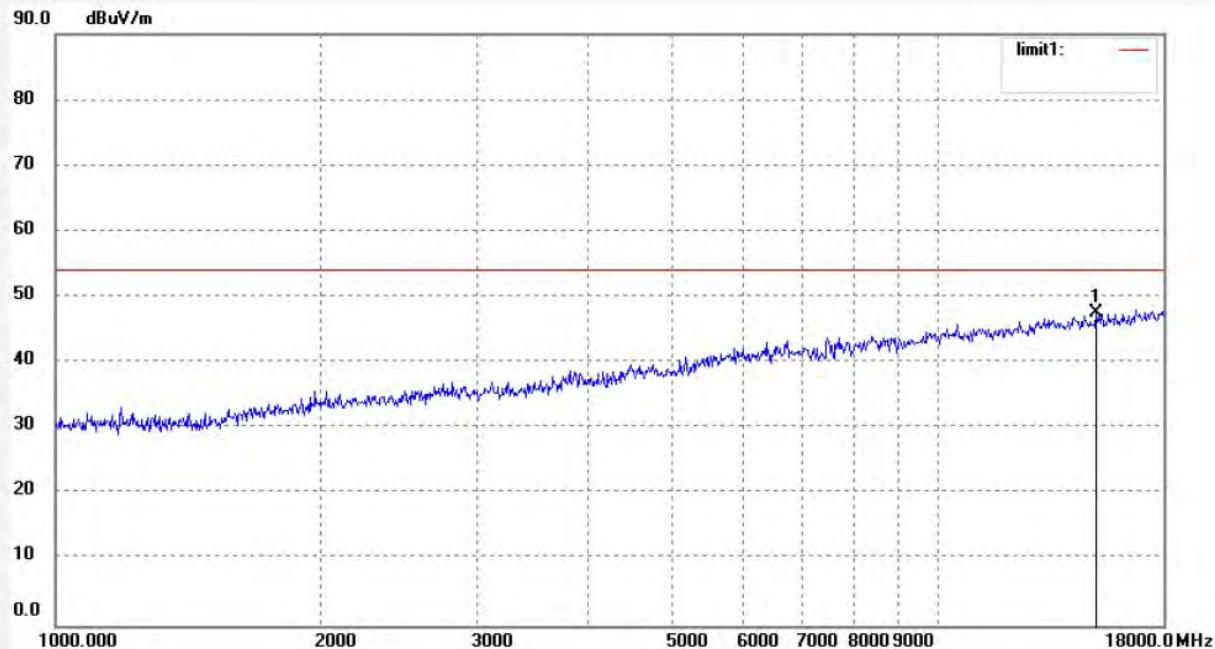
Mode: TX Channel 1 (802.11n)

Distance: 3m

Model: MK-QTWIFI-03

Manufacturer: Rayson

Note: Report No.:ATE20152120



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	15115.594	34.36	13.13	47.49	54.00	-6.51	peak			



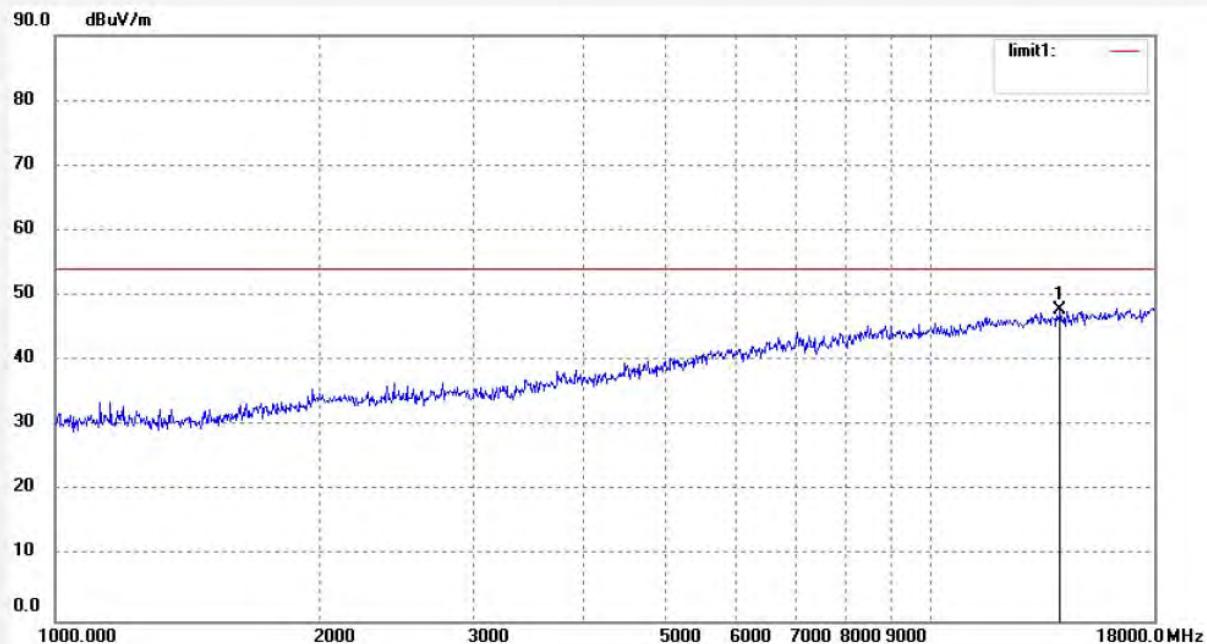
## ACCURATE TECHNOLOGY CO., LTD.

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.: STAR2015 #1889	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 15/10/23/
Temp.( C)/Hum.(%) 25 C / 55 %	Time: 17/14/47
EUT: Household air conditioner overseas usb wifi moudule	Engineer Signature: star
Mode: TX Channel 1 (802.11n)	Distance: 3m
Model: MK-QTWIFI-03	
Manufacturer: Rayson	

Note: Report No.:ATE20152120



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	14054.720	35.87	11.97	47.84	54.00	-6.16	peak			



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Site: 1# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: STAR2015 #1890

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 5V

Test item: Radiation Test

Date: 15/10/23/

Temp.( C)/Hum.(%) 25 C / 55 %

Time: 17/15/39

EUT: Household air conditioner overseas usb wifi moudule

Engineer Signature: star

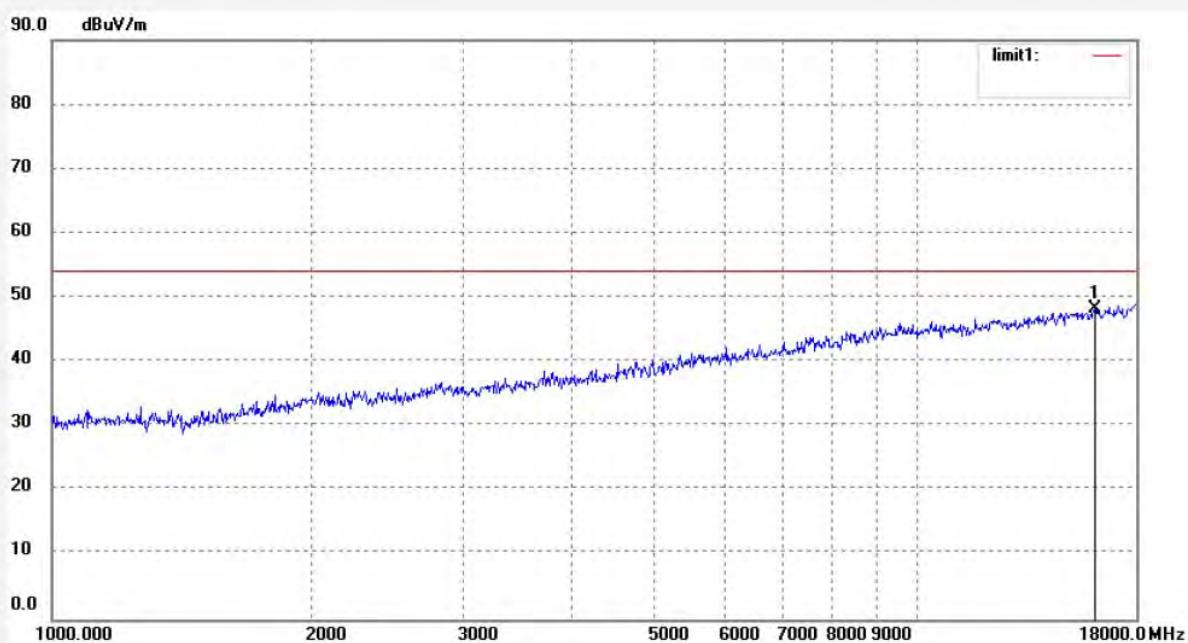
Mode: TX Channel 6 (802.11n)

Distance: 3m

Model: MK-QTWIFI-03

Manufacturer: Rayson

Note: Report No.:ATE20152120



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	16115.207	35.37	12.92	48.29	54.00	-5.71	peak			



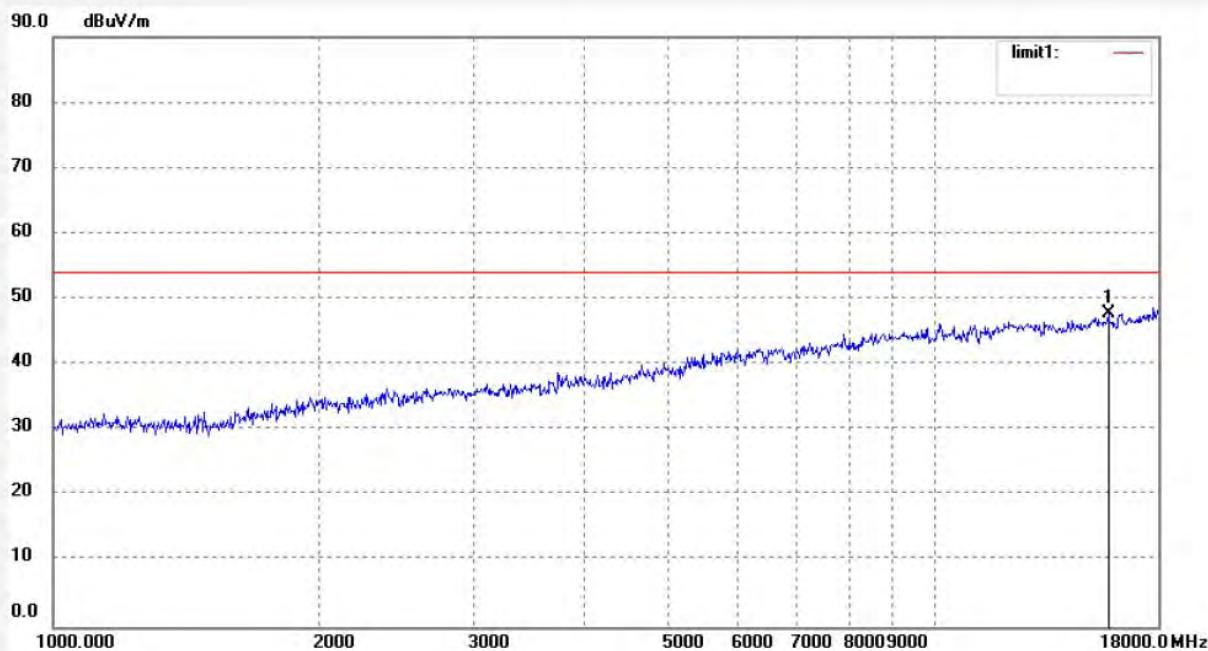
## ACCURATE TECHNOLOGY CO., LTD.

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

Site: 1# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: STAR2015 #1891	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 15/10/23/
Temp.( C)/Hum.(%) 25 C / 55 %	Time: 17/16/25
EUT: Household air conditioner overseas usb wifi moudule	Engineer Signature: star
Mode: TX Channel 6 (802.11n)	Distance: 3m
Model: MK-QTWIFI-03	
Manufacturer: Rayson	

Note: Report No.:ATE20152120



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	15790.179	35.10	12.72	47.82	54.00	-6.18	peak			



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Site: 1# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: STAR2015 #1892

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: DC 5V

Test item: Radiation Test

Date: 15/10/23/

Temp.( C)/Hum.(%) 25 C / 55 %

Time: 17/17/32

EUT: Household air conditioner overseas usb wifi moudule

Engineer Signature: star

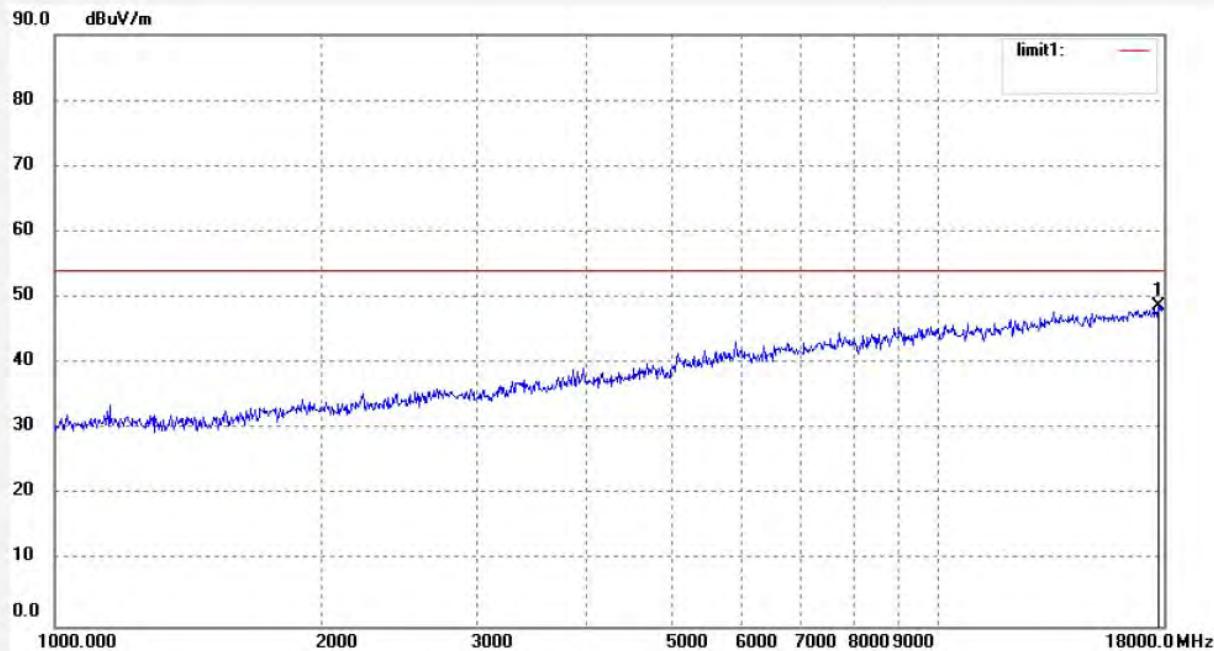
Mode: TX Channel 11 (802.11n)

Distance: 3m

Model: MK-QTWIFI-03

Manufacturer: Rayson

Note: Report No.:ATE20152120



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	17791.642	30.17	18.53	48.70	54.00	-5.30	peak			



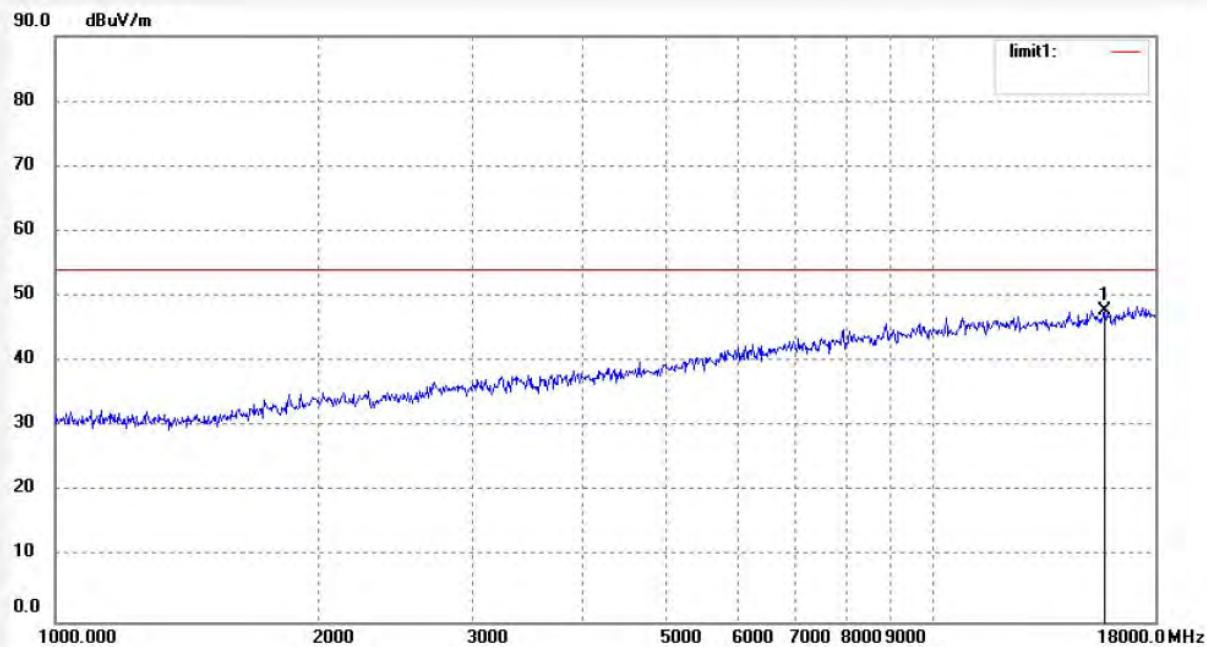
## ACCURATE TECHNOLOGY CO., LTD.

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.: STAR2015 #1893	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 15/10/23/
Temp.( C)/Hum.(%) 25 C / 55 %	Time: 17/18/47
EUT: Household air conditioner overseas usb wifi moudule	Engineer Signature: star
Mode: TX Channel 11 (802.11n)	Distance: 3m
Model: MK-QTWIFI-03	
Manufacturer: Rayson	

Note: Report No.:ATE20152120



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	15744.284	35.15	12.70	47.85	54.00	-6.15	peak			



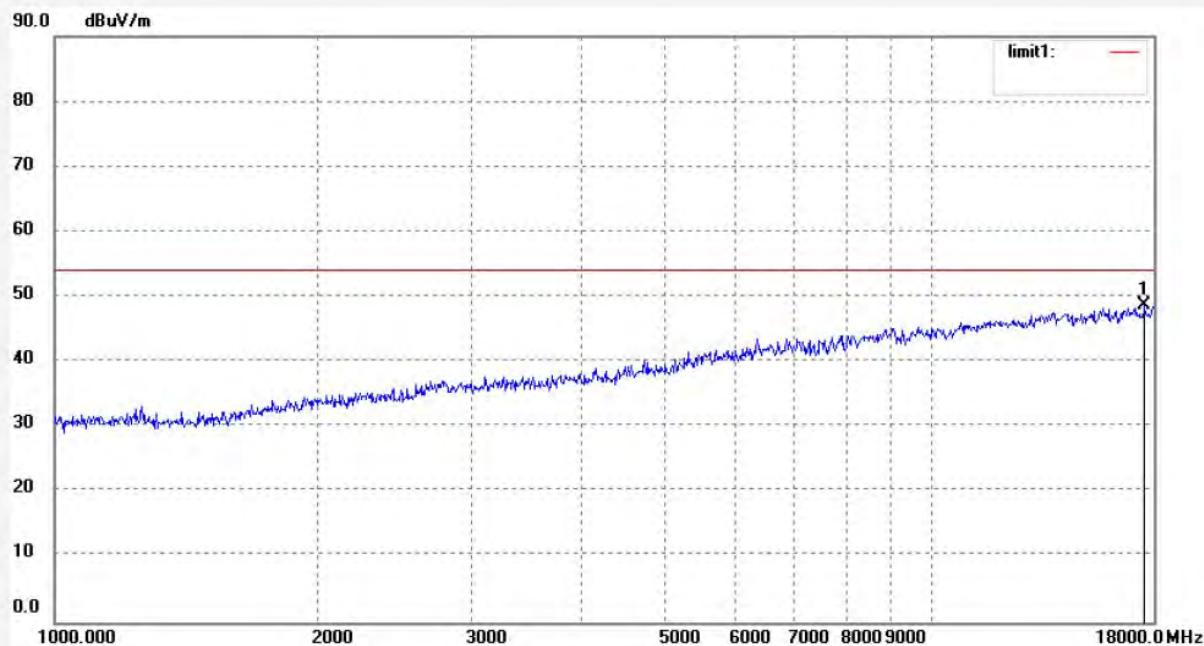
## ACCURATE TECHNOLOGY CO., LTD.

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

Site: 1# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: STAR2015 #1894	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 15/10/23/
Temp.( C)/Hum.(%) 25 C / 55 %	Time: 17/19/55
EUT: Household air conditioner overseas usb wifi moudule	Engineer Signature: star
Mode: TX Channel 3 (802.11n)40MHz	Distance: 3m
Model: MK-QTWIFI-03	
Manufacturer: Rayson	

Note: Report No.:ATE20152120



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	17585.695	31.26	17.49	48.75	54.00	-5.25	peak			



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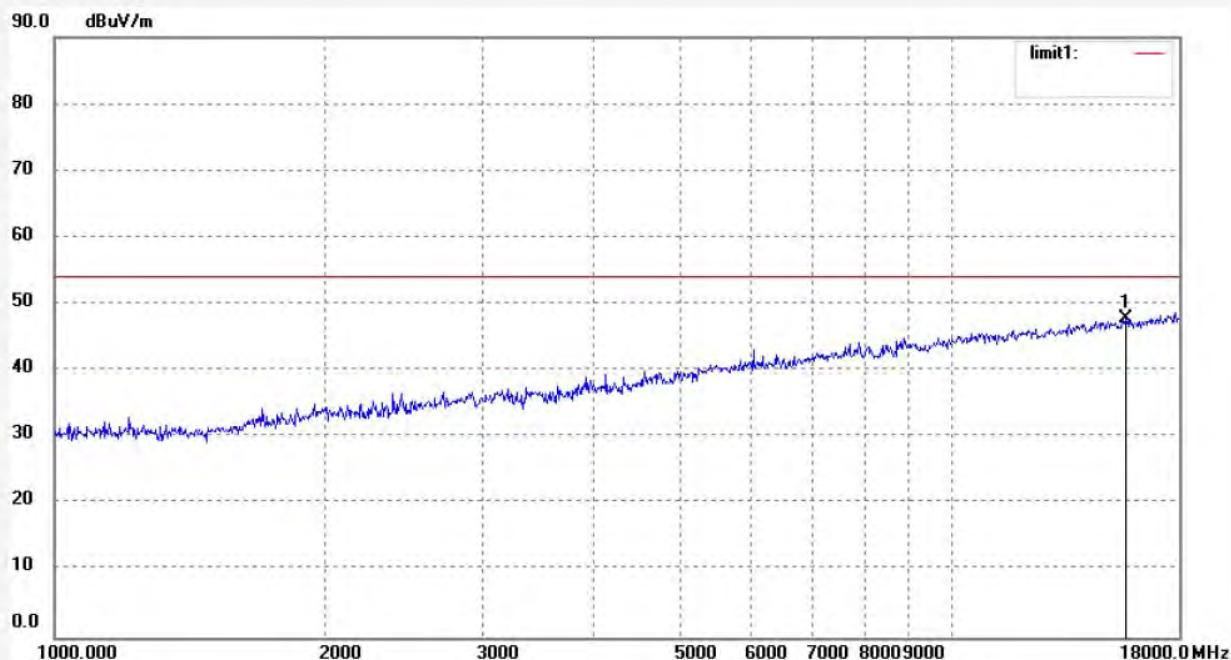
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: STAR2015 #1895	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 15/10/23/
Temp.( C)/Hum.(%) 25 C / 55 %	Time: 17/20/46
EUT: Household air conditioner overseas usb wifi moudule	Engineer Signature: star
Mode: TX Channel 3 (802.11n)40MHz	Distance: 3m
Model: MK-QTWIFI-03	
Manufacturer: Rayson	
Note: Report No.:ATE20152120	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	15698.523	35.06	12.68	47.74	54.00	-6.26	peak			



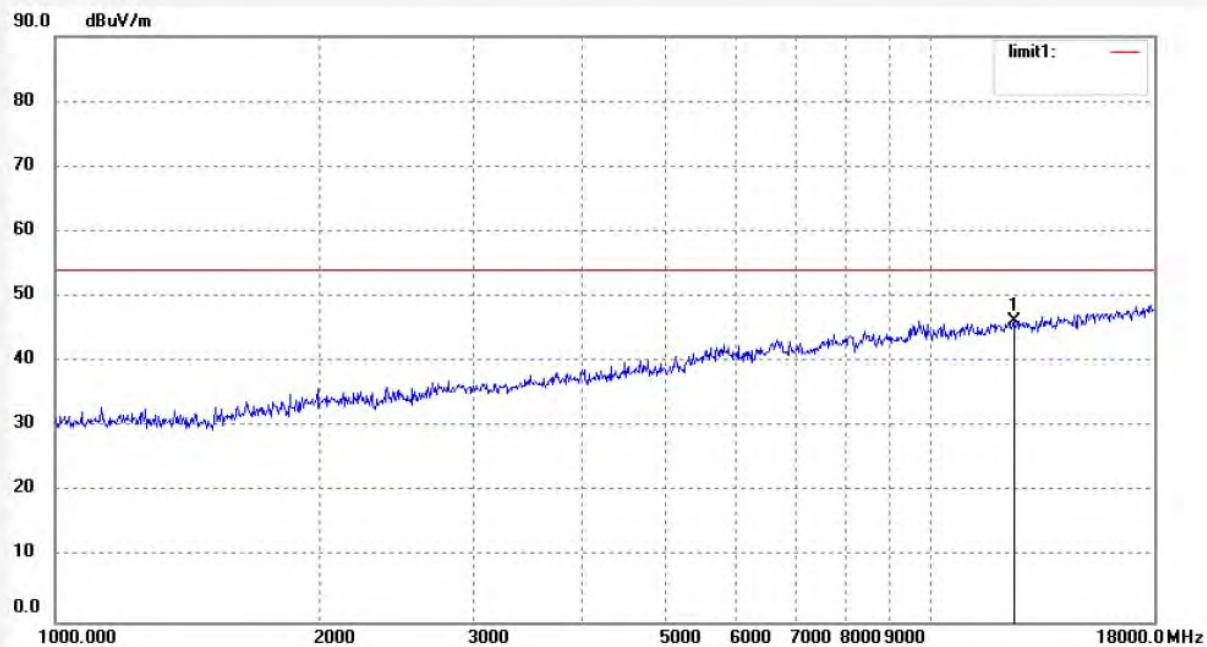
## ACCURATE TECHNOLOGY CO., LTD.

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

Site: 1# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: STAR2015 #1896	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 15/10/23/
Temp.( C)/Hum.(%) 25 C / 55 %	Time: 17/21/59
EUT: Household air conditioner overseas usb wifi moudule	Engineer Signature: star
Mode: TX Channel 6 (802.11n)40MHz	Distance: 3m
Model: MK-QTWIFI-03	
Manufacturer: Rayson	

Note: Report No.:ATE20152120



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	12437.385	38.20	8.06	46.26	54.00	-7.74	peak			



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Site: 1# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: STAR2015 #1897

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 5V

Test item: Radiation Test

Date: 15/10/23/

Temp.( C)/Hum.(%) 25 C / 55 %

Time: 17/22/50

EUT: Household air conditioner overseas usb wifi moudule

Engineer Signature: star

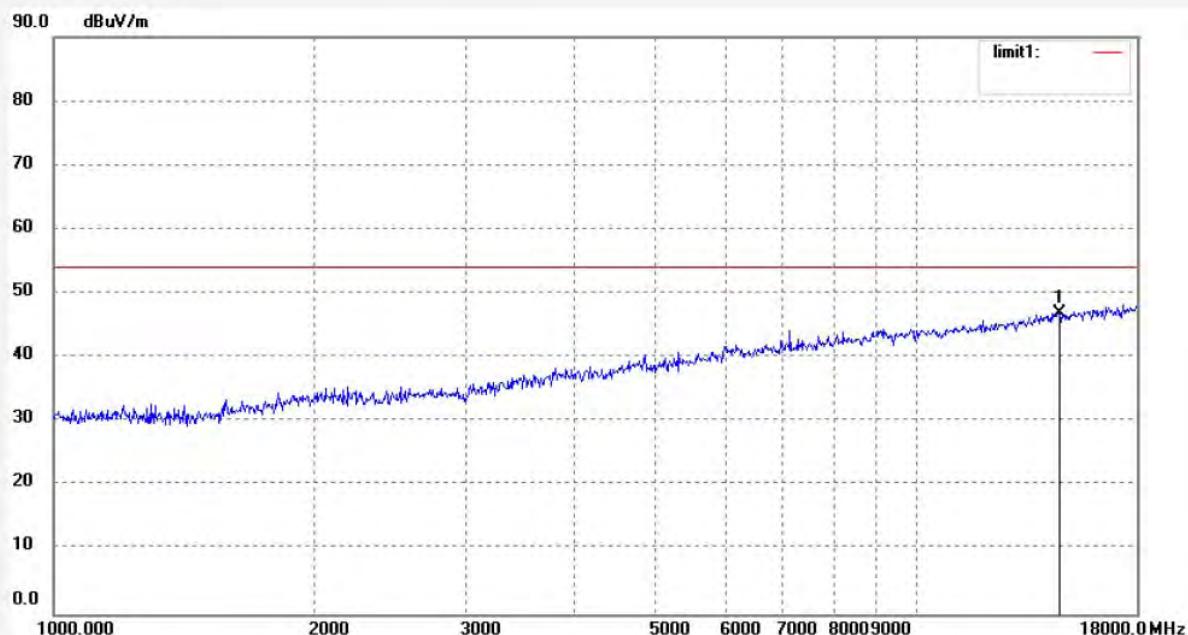
Mode: TX Channel 6 (802.11n)40MHz

Distance: 3m

Model: MK-QTWIFI-03

Manufacturer: Rayson

Note: Report No.:ATE20152120



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	14639.286	32.96	14.04	47.00	54.00	-7.00	peak			



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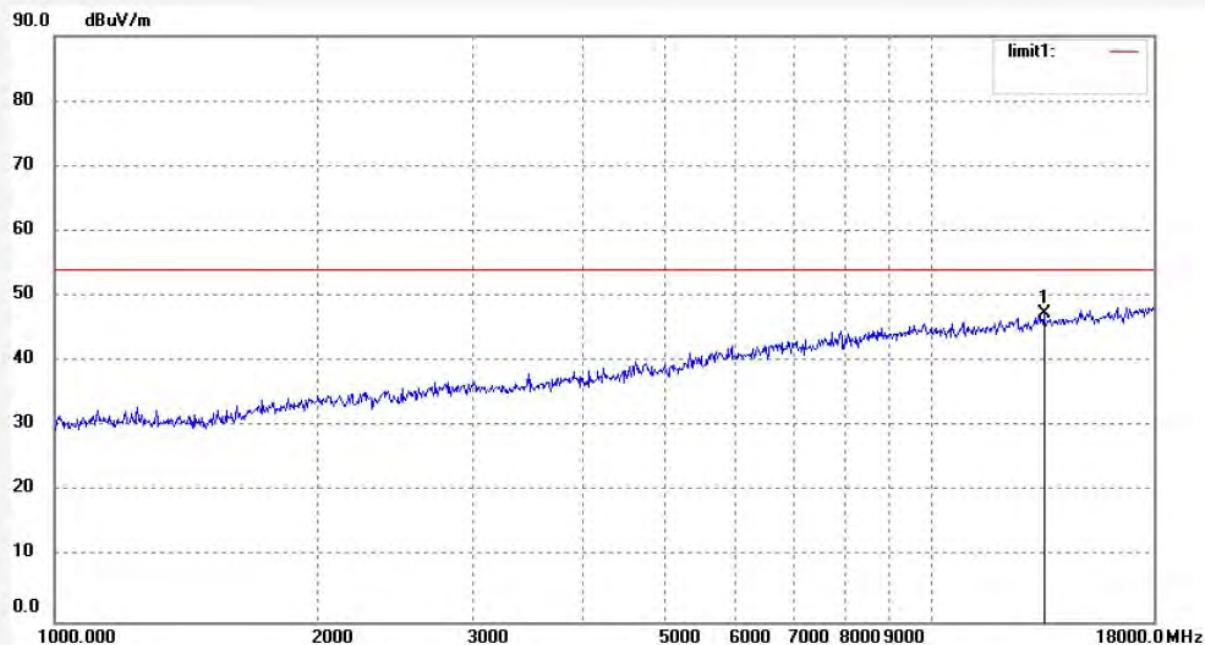
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: STAR2015 #1898  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 25 C / 55 %  
EUT: Household air conditioner overseas usb wifi moudule  
Mode: TX Channel 9 (802.11n)40MHz  
Model: MK-QTWIFI-03  
Manufacturer: Rayson

Polarization: Vertical  
Power Source: DC 5V  
Date: 15/10/23/  
Time: 17/23/56  
Engineer Signature: star  
Distance: 3m

Note: Report No.:ATE20152120



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	13493.496	37.00	10.39	47.39	54.00	-6.61	peak			



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Site: 1# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: STAR2015 #1899

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: DC 5V

Test item: Radiation Test

Date: 15/10/23/

Temp.( C)/Hum.(%) 25 C / 55 %

Time: 17/24/53

EUT: Household air conditioner overseas usb wifi moudule

Engineer Signature: star

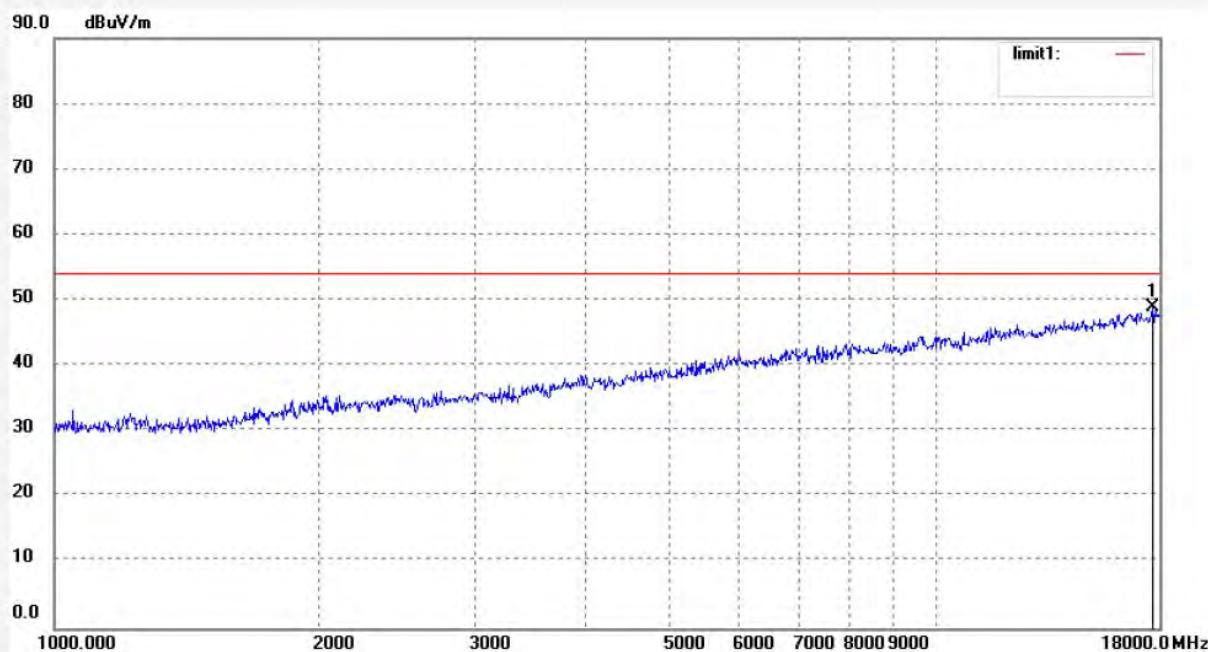
Mode: TX Channel 9 (802.11n)40MHz

Distance: 3m

Model: MK-QTWIFI-03

Manufacturer: Rayson

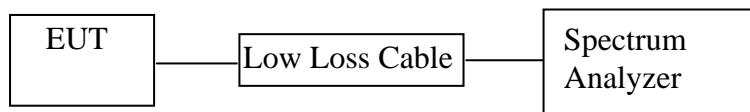
Note: Report No.:ATE20152120



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	17688.369	30.85	18.01	48.86	54.00	-5.14	peak			

## 11.CONDUCTED SPURIOUS EMISSION COMPLIANCE TEST

### 11.1.Block Diagram of Test Setup



### 11.2.The Requirement 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).

### 11.3.EUT Configuration on Measurement

The equipment is 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.

### 11.4.Operating Condition of EUT

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

11.4.2.Turn on the power of all equipment.

11.4.3.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.

### 11.5. Test Procedure

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

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

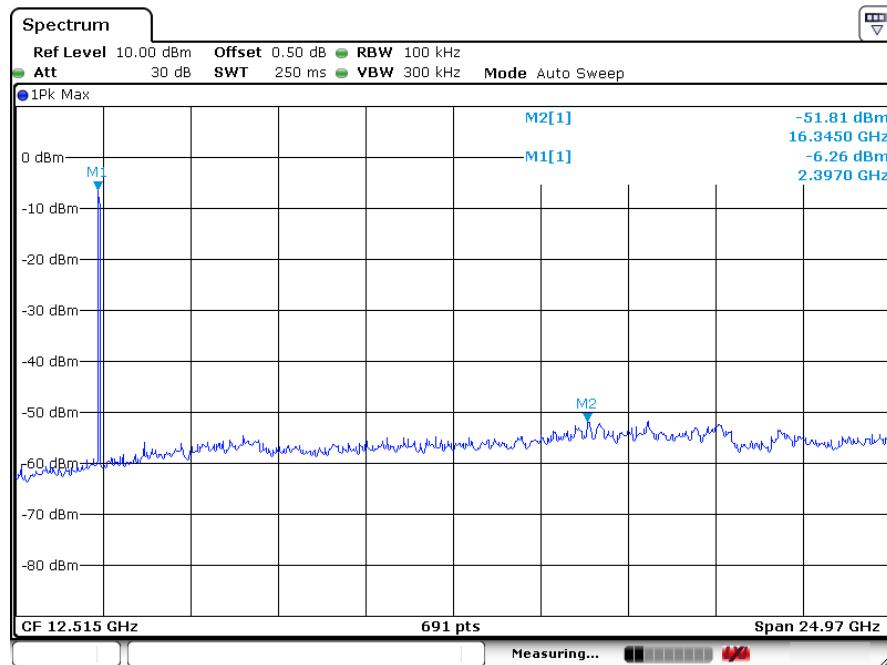
11.5.3. The Conducted Spurious Emission was measured and recorded.

### 11.6. Test Result

**Pass.**

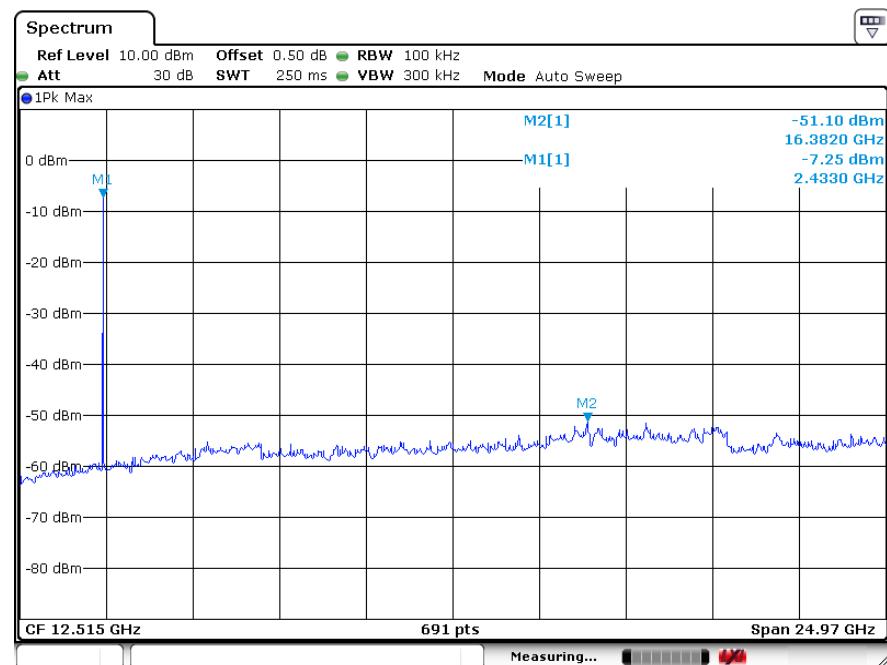
The spectrum analyzer plots are attached as below.

## TX 802.11b Channel Low 2412MHz



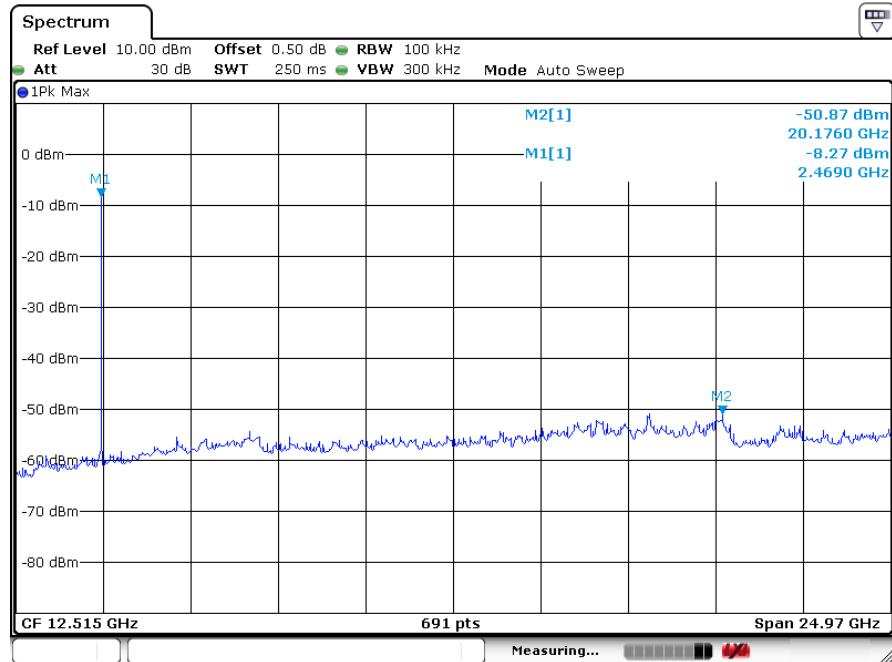
Date: 22.Oct.2015 10:48:13

## TX 802.11b Channel Middle 2437MHz



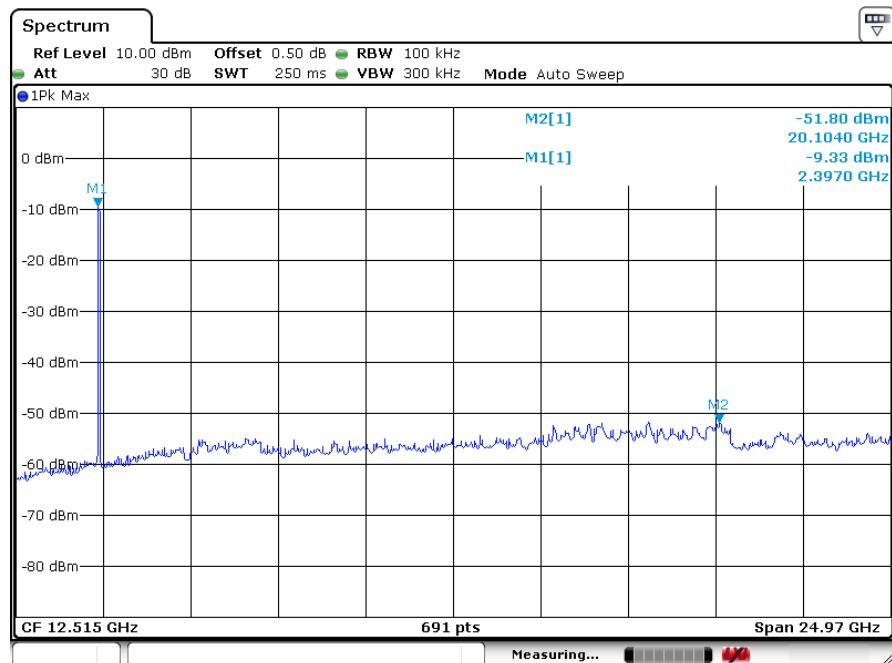
Date: 22.Oct.2015 10:47:00

## TX 802.11b Channel High 2462MHz



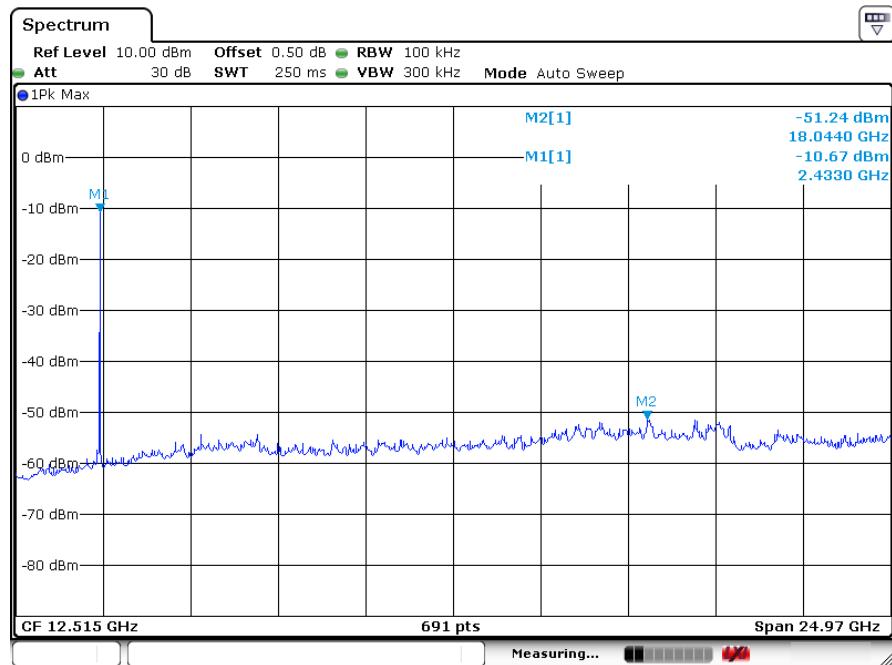
Date: 22.Oct.2015 10:49:12

## TX 802.11g Channel Low 2412MHz



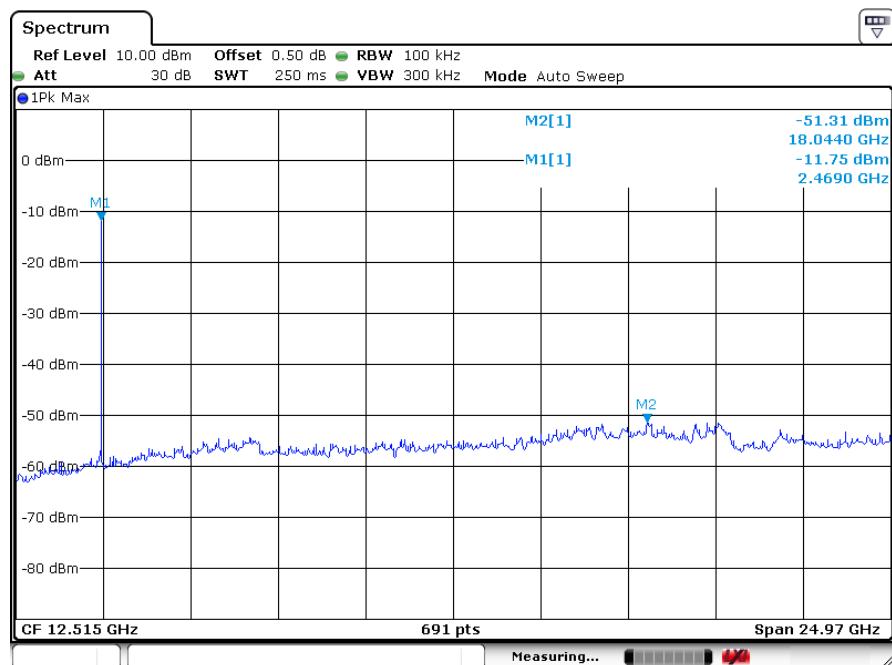
Date: 22.Oct.2015 10:55:30

## TX 802.11g Channel Middle 2437MHz



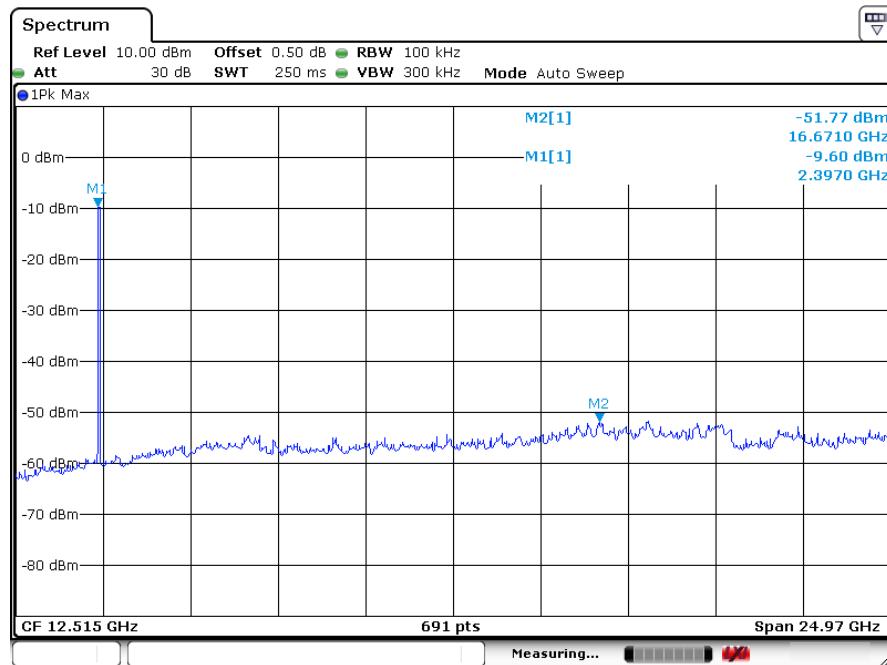
Date: 22.Oct.2015 10:53:11

## TX 802.11g Channel High 2462MHz



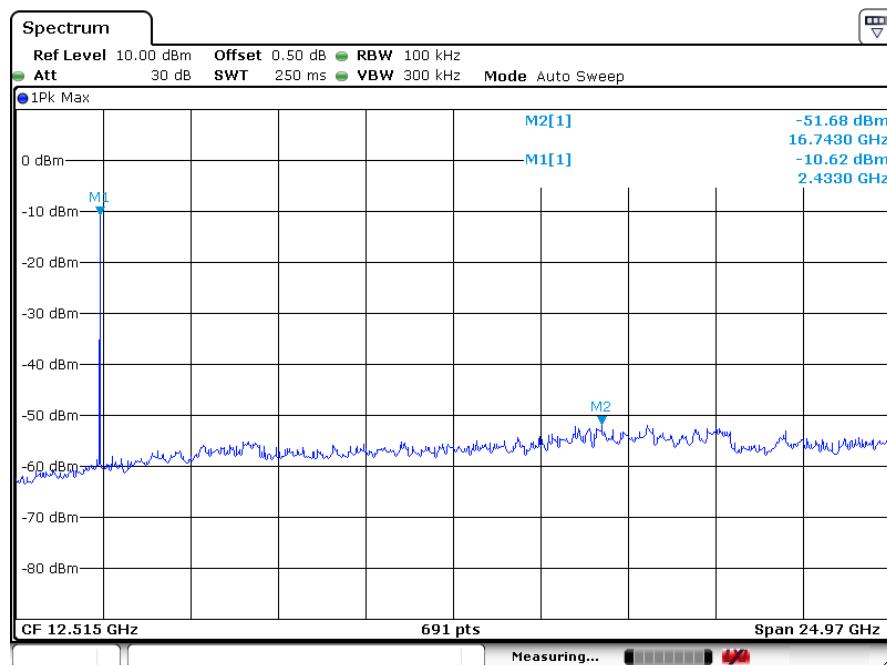
Date: 22.Oct.2015 10:52:12

## TX 802.11n Channel Low 2412MHz (20MHz)



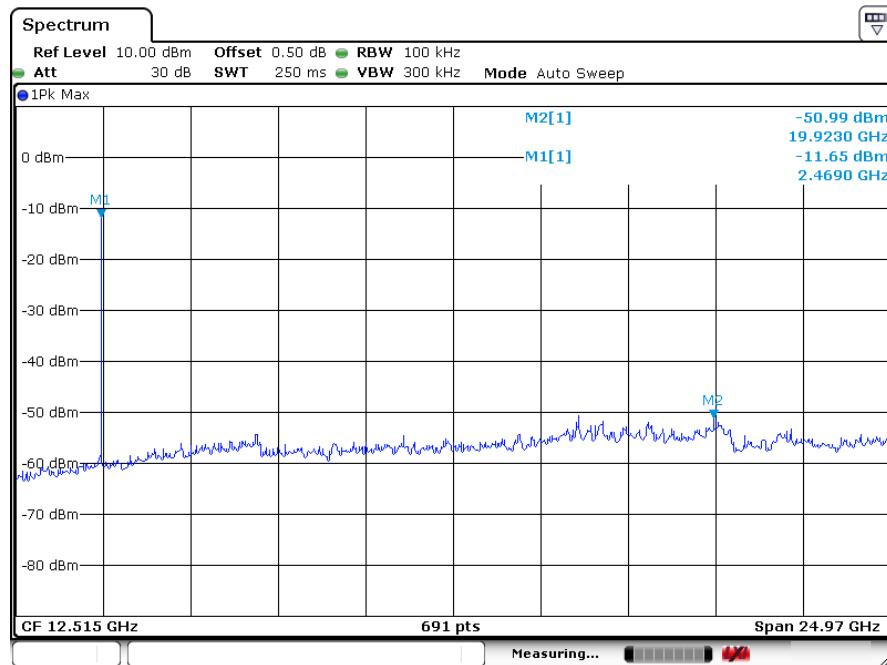
Date: 22.Oct.2015 10:56:43

## TX 802.11n Channel Middle 2437MHz (20MHz)



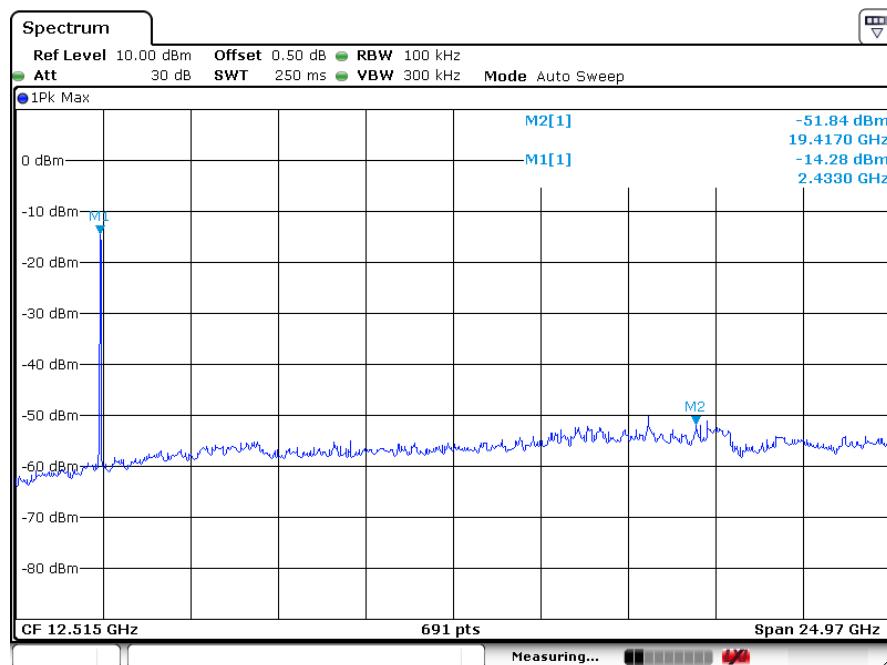
Date: 22.Oct.2015 10:57:29

## TX 802.11n Channel High 2462MHz (20MHz)



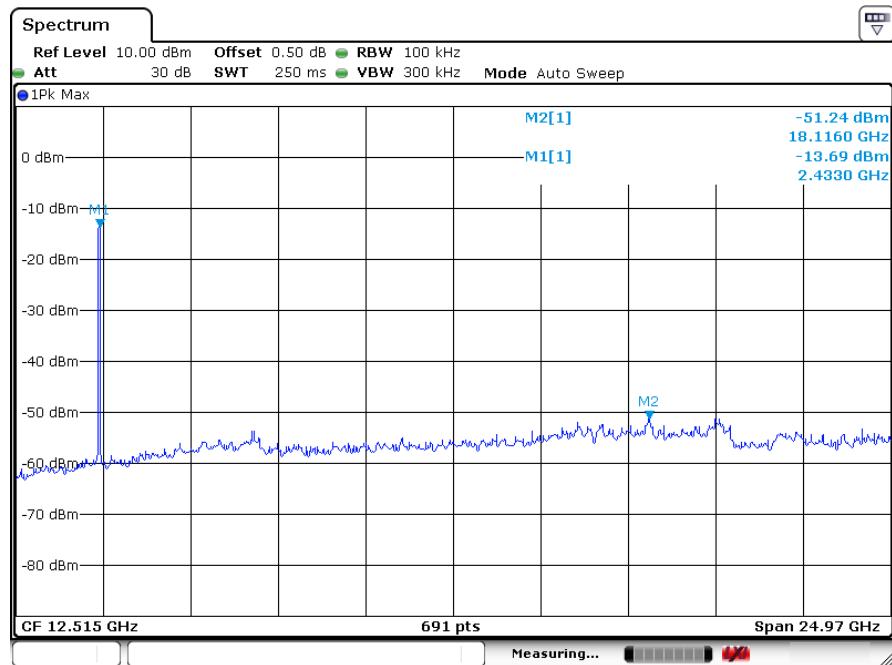
Date: 22.Oct.2015 10:59:15

## TX 802.11n Channel Low 2422MHz (40MHz)



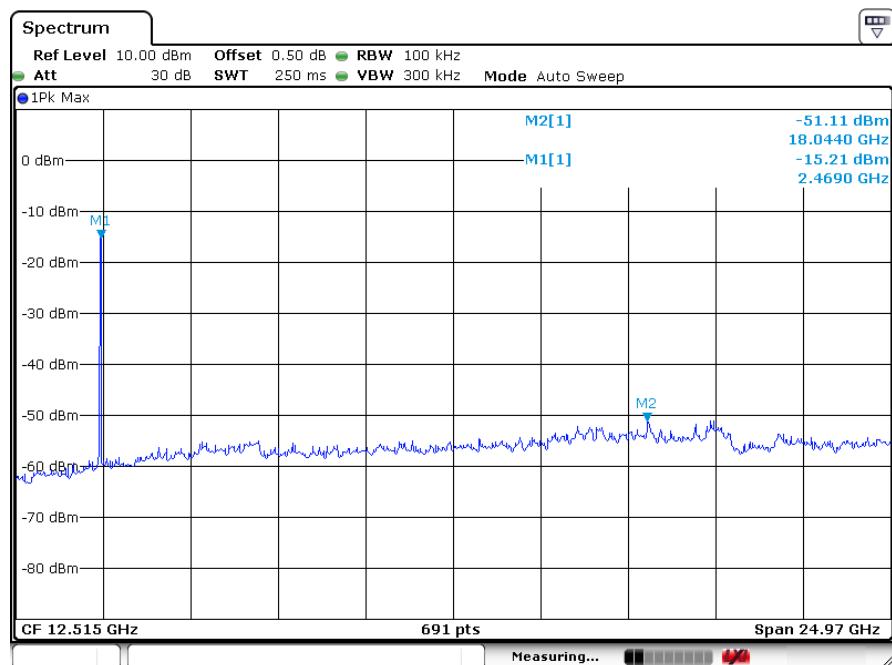
Date: 22.Oct.2015 11:02:38

## TX 802.11n Channel Middle 2437MHz (40MHz)



Date: 22.Oct.2015 11:00:27

## TX 802.11n Channel High 2452MHz (40MHz)



Date: 22.Oct.2015 11:03:35

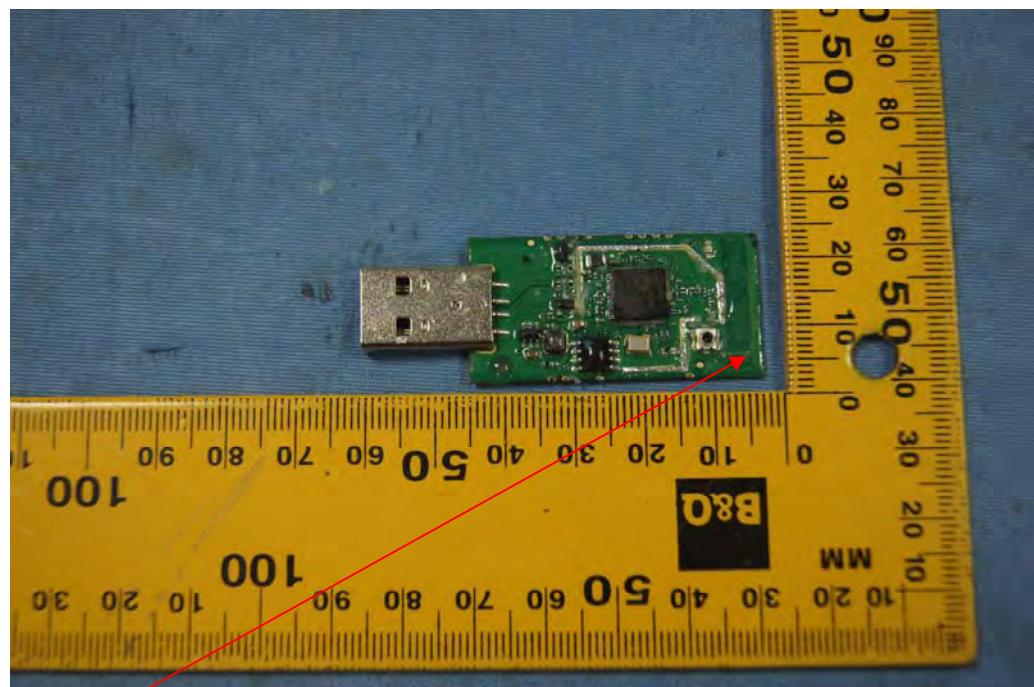
## 12. ANTENNA REQUIREMENT

### 12.1. 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.

### 12.2. Antenna Construction

Device is equipped with permanent attached antenna, which isn't displaced by other antenna. The Antenna gain of EUT is 3.0dBi. Therefore, the equipment complies with the antenna requirement of Section 15.203.



**Antenna**