



## 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.: star2018 #2125

Polarization: Vertical

Standard: FCC PK

Power Source: DC 12V

Test item: Radiation Test

Date: 2018/09/22

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

Time: 19:24:30

EUT: e-Screen ETX slot-in Android box

Engineer Signature: star

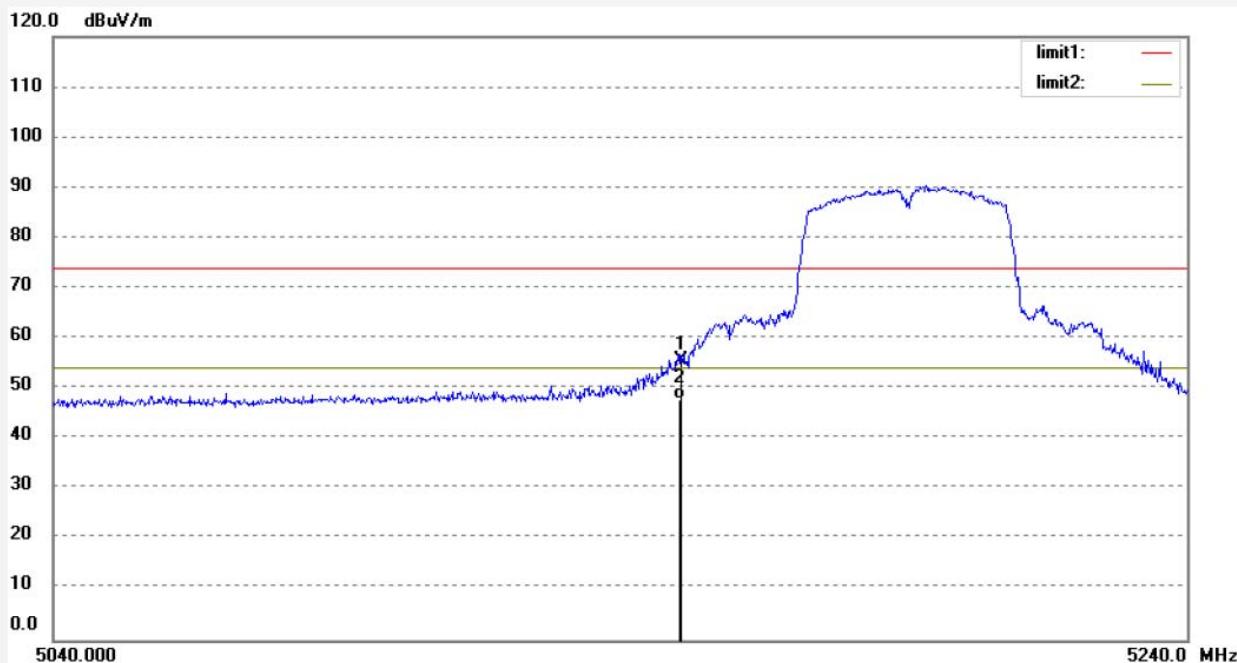
Mode: TX 5190MHz(802.11n)40MHz

Distance: 3m

Model: RK3399

Manufacturer: Legamaster International B.V.

Note: Report No.:ATE20181650



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	49.29	6.39	55.68	74.00	-18.32	peak	150	328	
2	5150.000	41.55	6.39	47.94	54.00	-6.06	AVG	150	330	



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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.: star2018 #2127

Polarization: Horizontal

Standard: FCC PK

Power Source: DC 12V

Test item: Radiation Test

Date: 2018/09/22

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

Time: 19:26:52

EUT: e-Screen ETX slot-in Android box

Engineer Signature: star

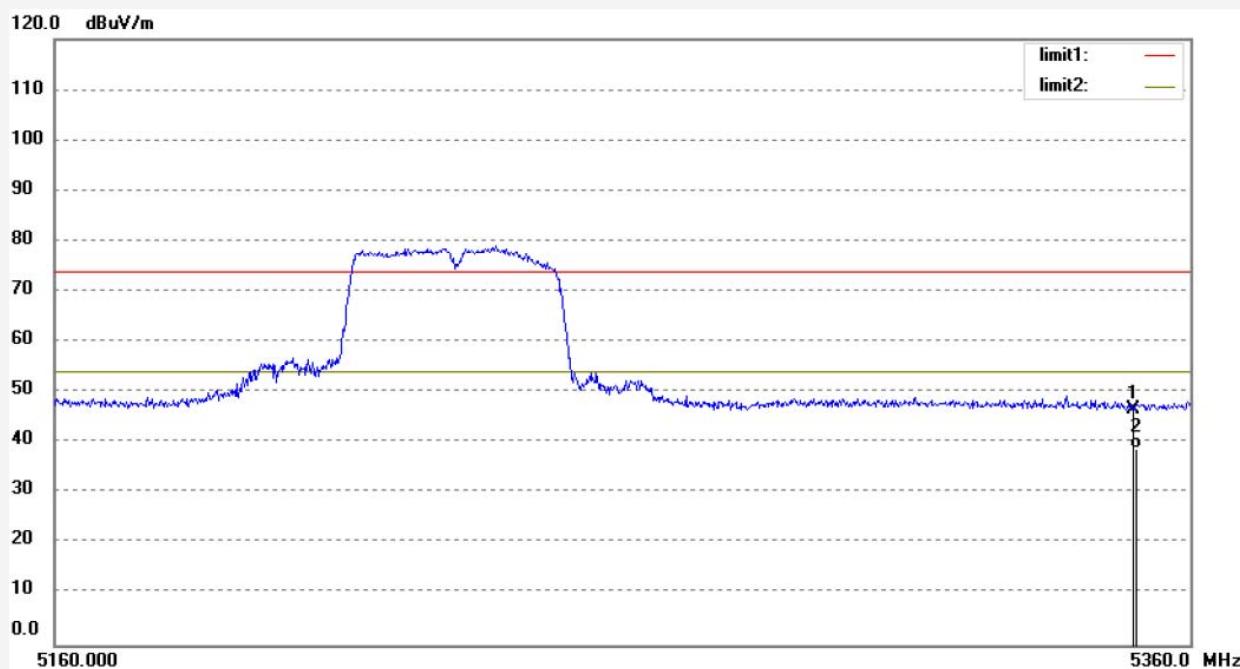
Mode: TX 5230MHz(802.11n)40MHz

Distance: 3m

Model: RK3399

Manufacturer: Legamaster International B.V.

Note: Report No.:ATE20181650



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5350.000	39.91	6.86	46.77	74.00	-27.23	peak	150	329	
2	5350.000	31.87	6.86	38.73	54.00	-15.27	AVG	150	330	



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

Job No.: star2018 #2128

Polarization: Vertical

Standard: FCC PK

Power Source: DC 12V

Test item: Radiation Test

Date: 2018/09/22

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

Time: 19:27:41

EUT: e-Screen ETX slot-in Android box

Engineer Signature: star

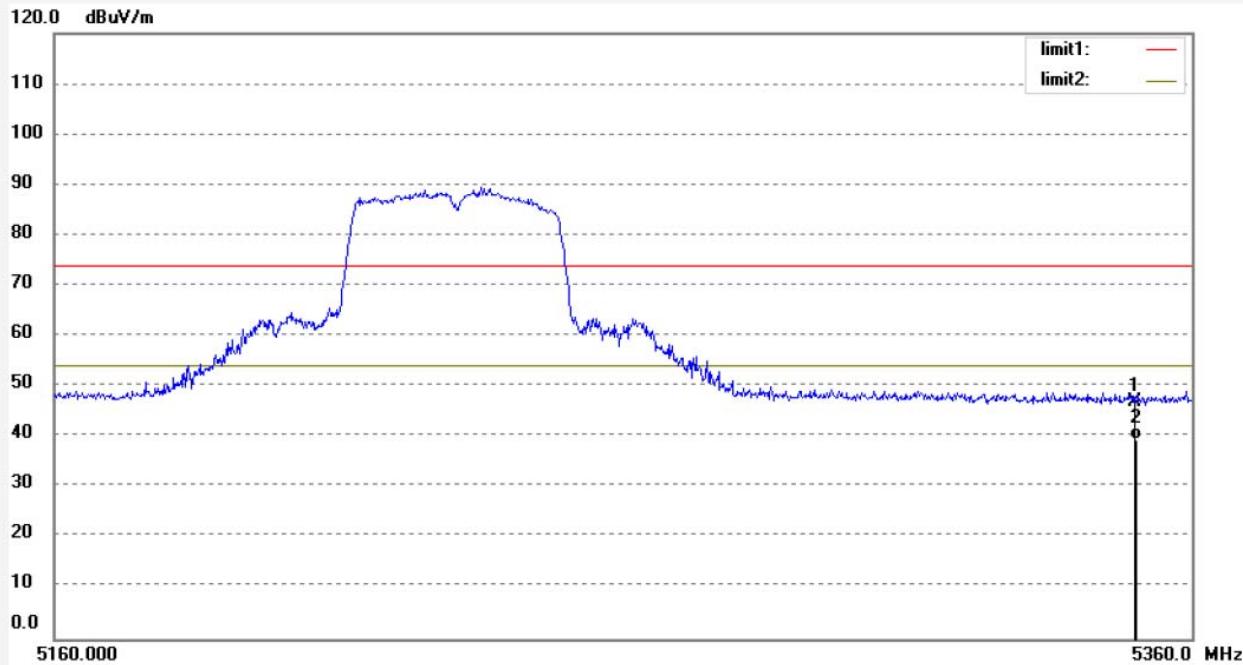
Mode: TX 5230MHz(802.11n)40MHz

Distance: 3m

Model: RK3399

Manufacturer: Legamaster International B.V.

Note: Report No.:ATE20181650



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5350.000	40.13	6.86	46.99	74.00	-27.01	peak	150	327	
2	5350.000	32.57	6.86	39.43	54.00	-14.57	AVG	150	330	



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

Job No.: star2018 #2138

Polarization: Horizontal

Standard: FCC PK

Power Source: DC 12V

Test item: Radiation Test

Date: 2018/09/22

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

Time: 19:40:11

EUT: e-Screen ETX slot-in Android box

Engineer Signature: star

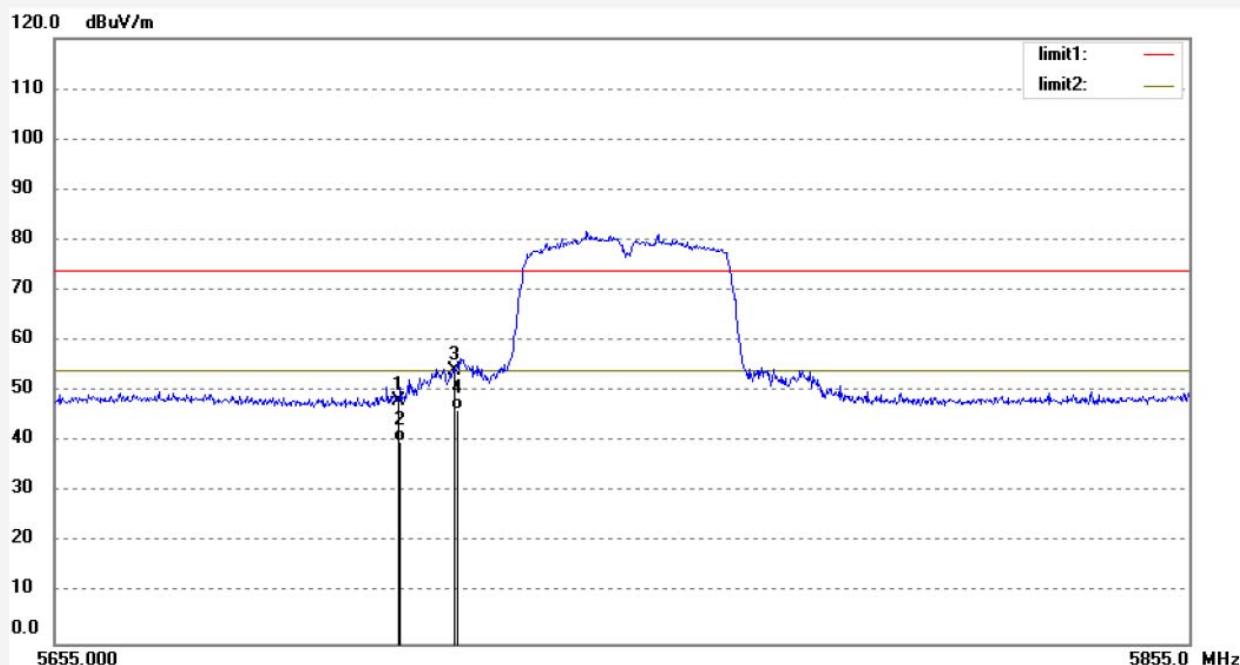
Mode: TX 5755MHz(802.11n)40MHz

Distance: 3m

Model: RK3399

Manufacturer: Legamaster International B.V.

Note: Report No.:ATE20181650



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	40.59	7.59	48.18	74.00	-25.82	peak	150	235	
2	5715.000	32.34	7.59	39.93	54.00	-14.07	AVG	150	237	
3	5725.000	46.44	7.65	54.09	74.00	-19.91	peak	150	240	
4	5725.000	38.69	7.65	46.34	54.00	-7.66	AVG	150	241	



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F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: star2018 #2137

Polarization: Vertical

Standard: FCC PK

Power Source: DC 12V

Test item: Radiation Test

Date: 2018/09/22

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

Time: 19:39:22

EUT: e-Screen ETX slot-in Android box

Engineer Signature: star

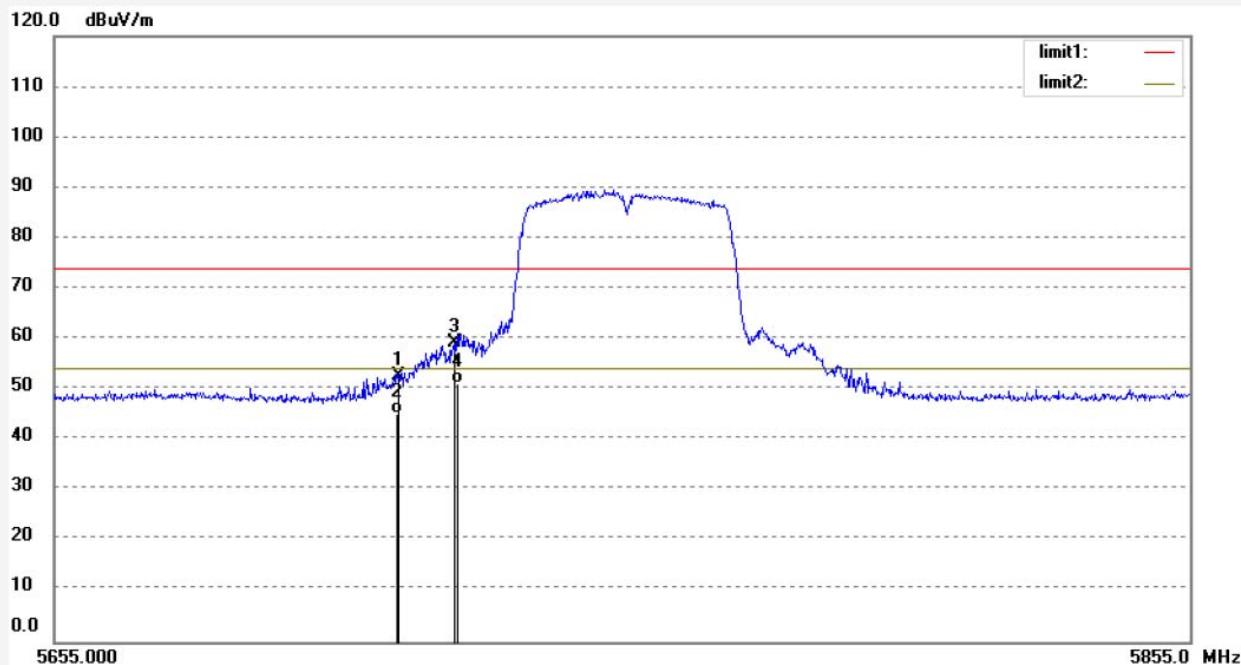
Mode: TX 5755MHz(802.11n)40MHz

Distance: 3m

Model: RK3399

Manufacturer: Legamaster International B.V.

Note: Report No.:ATE20181650



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	45.11	7.59	52.70	74.00	-21.30	peak	150	320	
2	5715.000	37.68	7.59	45.27	54.00	-8.73	AVG	150	330	
3	5725.000	51.55	7.65	59.20	74.00	-14.80	peak	150	318	
4	5725.000	43.52	7.65	51.17	54.00	-2.83	AVG	150	319	



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

Job No.: star2018 #2139

Polarization: Horizontal

Standard: FCC PK

Power Source: DC 12V

Test item: Radiation Test

Date: 2018/09/22

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

Time: 19:41:53

EUT: e-Screen ETX slot-in Android box

Engineer Signature: star

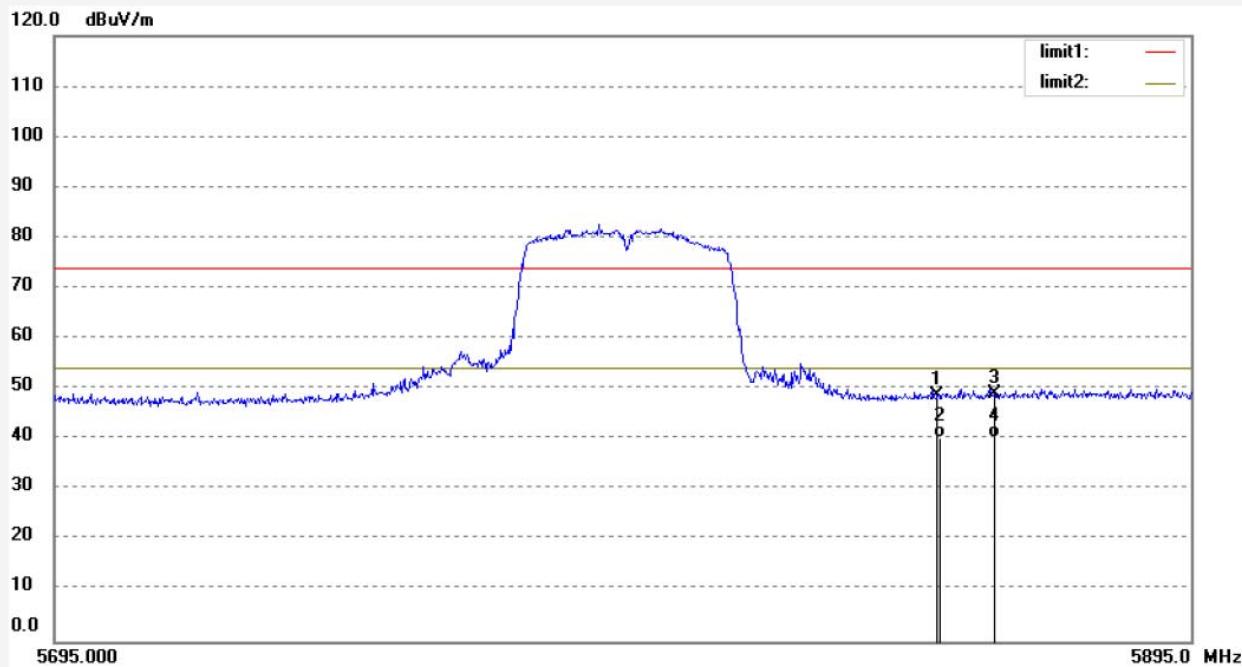
Mode: TX 5795MHz(802.11n)40MHz

Distance: 3m

Model: RK3399

Manufacturer: Legamaster International B.V.

Note: Report No.:ATE20181650



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5850.000	40.36	8.25	48.61	74.00	-25.39	peak	150	267	
2	5850.000	32.00	8.25	40.25	54.00	-13.75	AVG	150	270	
3	5860.000	40.80	8.28	49.08	74.00	-24.92	peak	150	272	
4	5860.000	32.14	8.28	40.42	54.00	-13.58	AVG	150	236	



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

Job No.: star2018 #2140

Polarization: Vertical

Standard: FCC PK

Power Source: DC 12V

Test item: Radiation Test

Date: 2018/09/22

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

Time: 19:42:40

EUT: e-Screen ETX slot-in Android box

Engineer Signature: star

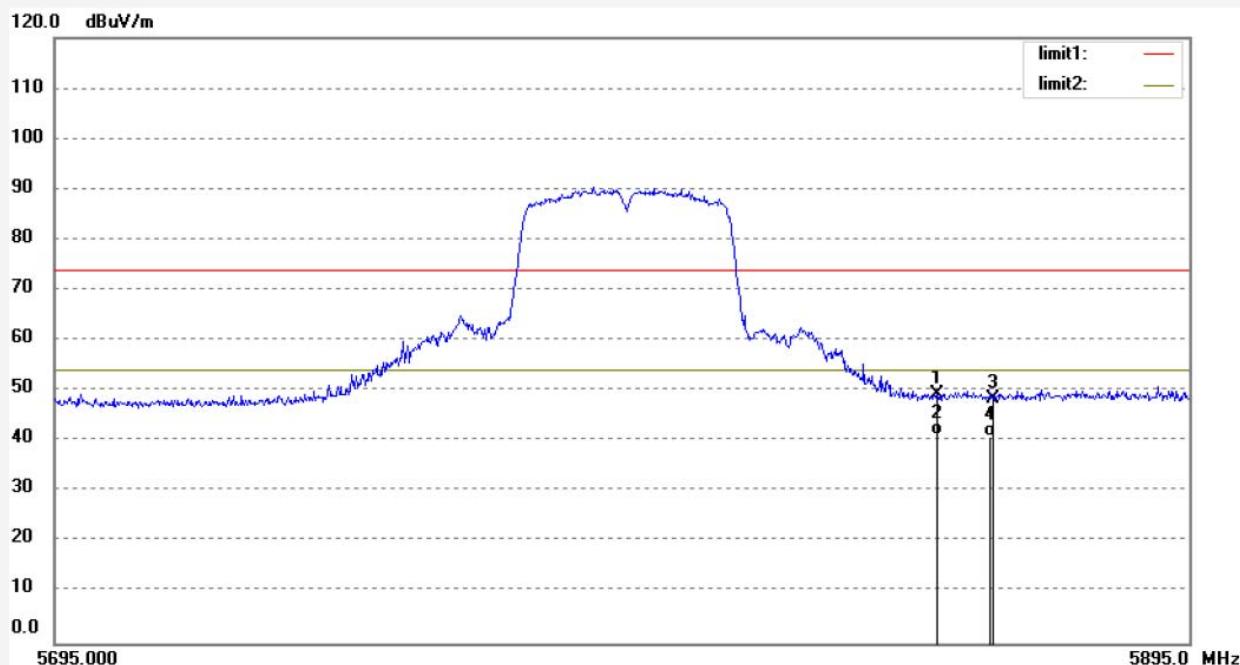
Mode: TX 5795MHz(802.11n)40MHz

Distance: 3m

Model: RK3399

Manufacturer: Legamaster International B.V.

Note: Report No.:ATE20181650



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5850.000	41.24	8.25	49.49	74.00	-24.51	peak	150	270	
2	5850.000	33.04	8.25	41.29	54.00	-12.71	AVG	150	280	
3	5860.000	40.29	8.28	48.57	74.00	-25.43	peak	150	275	
4	5860.000	32.61	8.28	40.89	54.00	-13.11	AVG	150	276	

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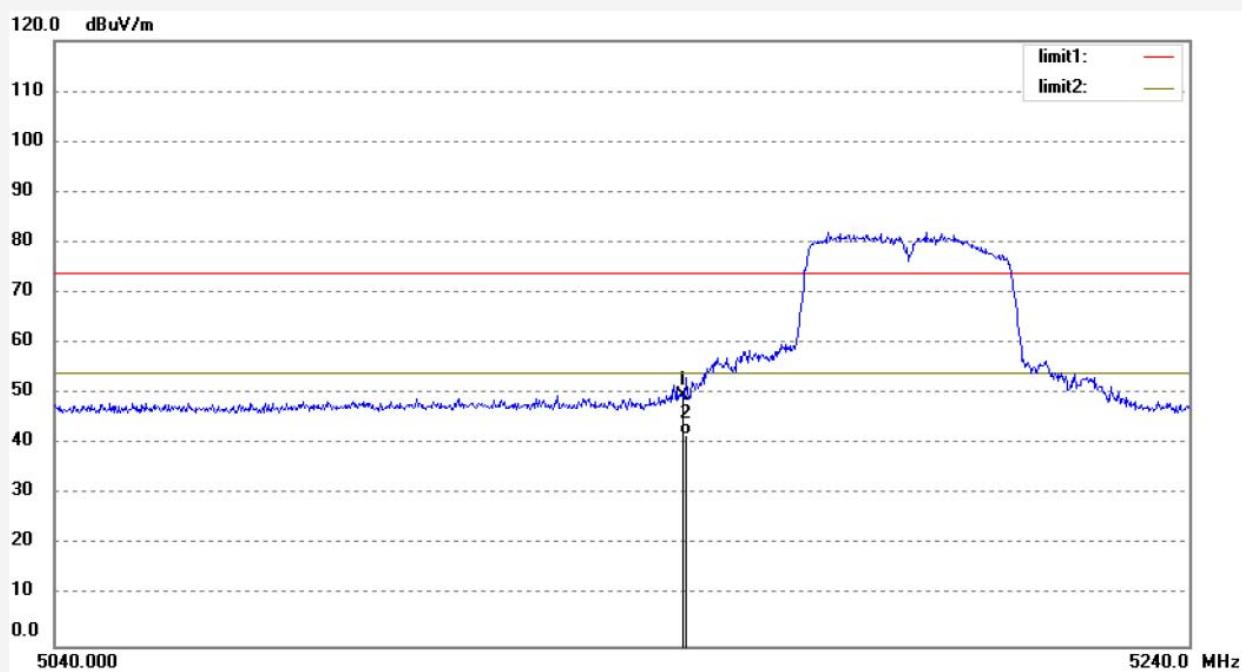
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star2018 #2142	Polarization: Horizontal
Standard: FCC PK	Power Source: DC 12V
Test item: Radiation Test	Date: 2018/09/22
Temp.( C)/Hum.(%) 23 C / 48 %	Time: 19:46:25
EUT: e-Screen ETX slot-in Android box	Engineer Signature: star
Mode: TX 5190MHz(802.11ac)40MHz	Distance: 3m
Model: RK3399	
Manufacturer: Legamaster International B.V.	
Note: Report No.:ATE20181650	



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	43.15	6.39	49.54	74.00	-24.46	peak	150	287	
2	5150.000	35.44	6.39	41.83	54.00	-12.17	AVG	150	290	



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F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: star2018 #2141

Polarization: Vertical

Standard: FCC PK

Power Source: DC 12V

Test item: Radiation Test

Date: 2018/09/22

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

Time: 19:45:32

EUT: e-Screen ETX slot-in Android box

Engineer Signature: star

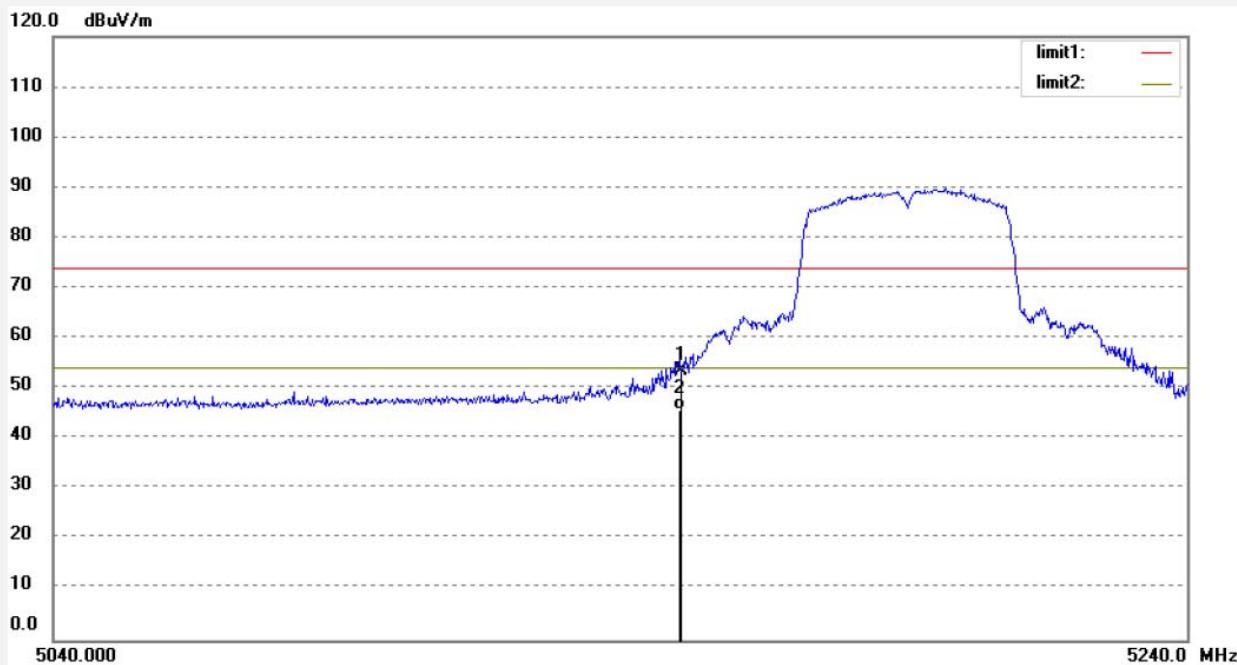
Mode: TX 5190MHz(802.11ac)40MHz

Distance: 3m

Model: RK3399

Manufacturer: Legamaster International B.V.

Note: Report No.:ATE20181650



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	47.14	6.39	53.53	74.00	-20.47	peak	150	287	
2	5150.000	39.50	6.39	45.89	54.00	-8.11	AVG	150	290	



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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.: star2018 #2143

Polarization: Horizontal

Standard: FCC PK

Power Source: DC 12V

Test item: Radiation Test

Date: 2018/09/22

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

Time: 19:47:51

EUT: e-Screen ETX slot-in Android box

Engineer Signature: star

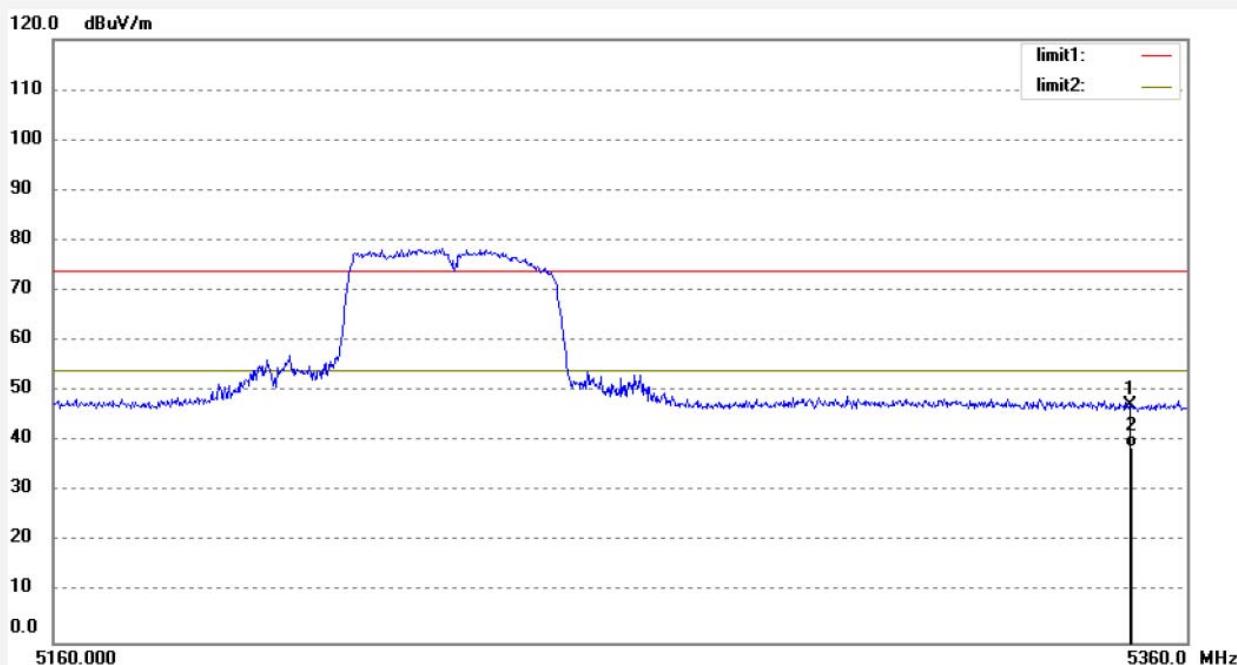
Mode: TX 5230MHz(802.11ac)40MHz

Distance: 3m

Model: RK3399

Manufacturer: Legamaster International B.V.

Note: Report No.:ATE20181650



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5350.000	40.43	6.86	47.29	74.00	-26.71	peak	150	291	
2	5350.000	32.08	6.86	38.94	54.00	-15.06	AVG	150	290	



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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.: star2018 #2144

Polarization: Vertical

Standard: FCC PK

Power Source: DC 12V

Test item: Radiation Test

Date: 2018/09/22

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

Time: 19:48:51

EUT: e-Screen ETX slot-in Android box

Engineer Signature: star

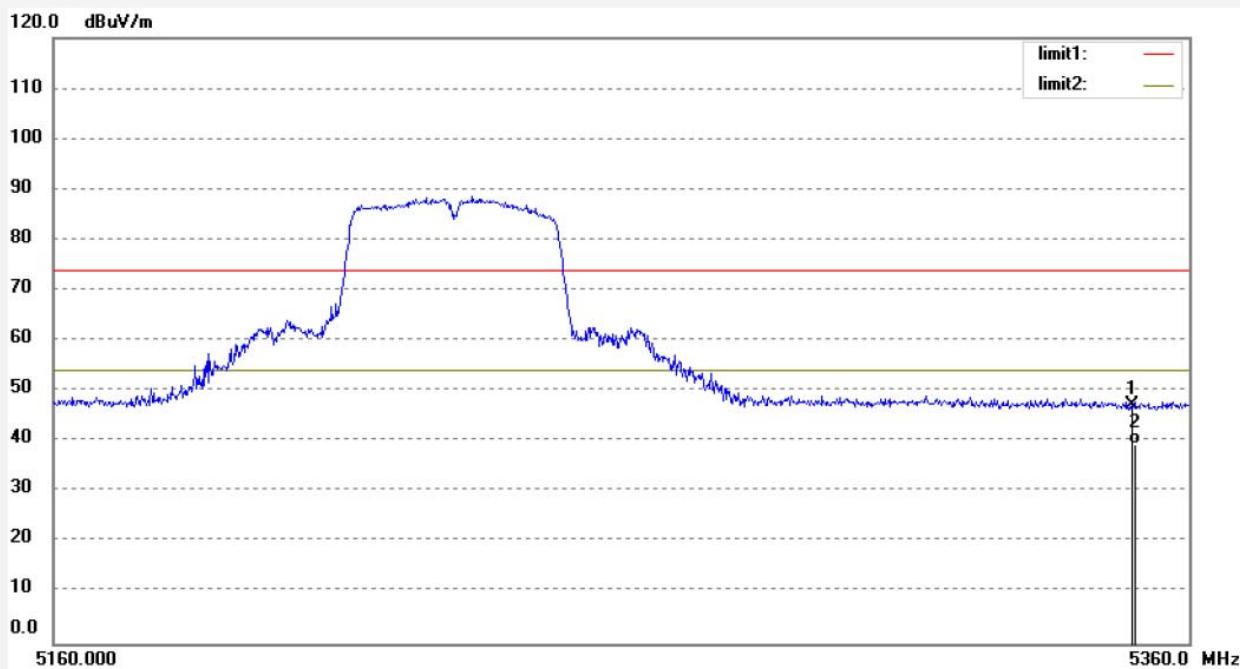
Mode: TX 5230MHz(802.11ac)40MHz

Distance: 3m

Model: RK3399

Manufacturer: Legamaster International B.V.

Note: Report No.:ATE20181650



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5350.000	40.46	6.86	47.32	74.00	-26.68	peak	150	287	
2	5350.000	32.65	6.86	39.51	54.00	-14.49	AVG	150	238	



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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.: star2018 #2154

Polarization: Horizontal

Standard: FCC PK

Power Source: DC 12V

Test item: Radiation Test

Date: 2018/09/22

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

Time: 20:01:44

EUT: e-Screen ETX slot-in Android box

Engineer Signature: star

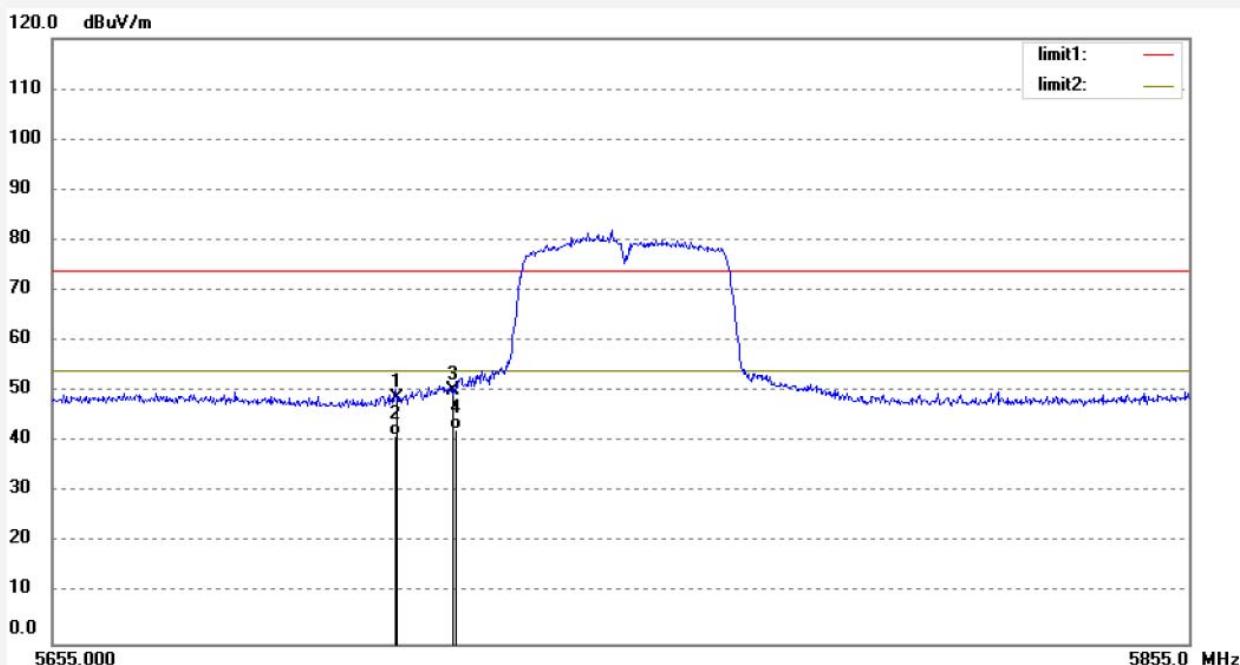
Mode: TX 5755MHz(802.11ac)40MHz

Distance: 3m

Model: RK3399

Manufacturer: Legamaster International B.V.

Note: Report No.:ATE20181650



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	41.19	7.59	48.78	74.00	-25.22	peak	150	238	
2	5715.000	33.70	7.59	41.29	54.00	-12.71	AVG	150	240	
3	5725.000	42.69	7.65	50.34	74.00	-23.66	peak	150	322	
4	5725.000	34.90	7.65	42.55	54.00	-11.45	AVG	150	319	



## 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.: star2018 #2153

Polarization: Vertical

Standard: FCC PK

Power Source: DC 12V

Test item: Radiation Test

Date: 2018/09/22

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

Time: 20:00:49

EUT: e-Screen ETX slot-in Android box

Engineer Signature: star

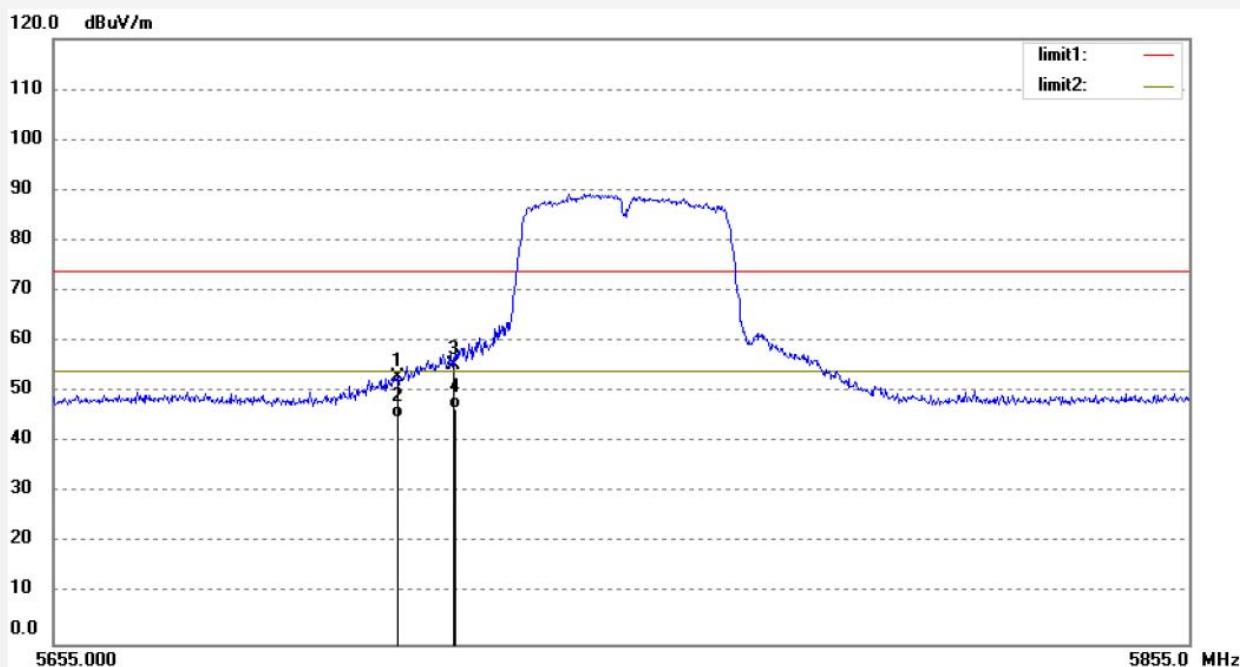
Mode: TX 5755MHz(802.11ac)40MHz

Distance: 3m

Model: RK3399

Manufacturer: Legamaster International B.V.

Note: Report No.:ATE20181650



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	45.37	7.59	52.96	74.00	-21.04	peak	150	238	
2	5715.000	37.17	7.59	44.76	54.00	-9.24	AVG	150	240	
3	5725.000	47.61	7.65	55.26	74.00	-18.74	peak	150	245	
4	5725.000	39.06	7.65	46.71	54.00	-7.29	AVG	150	246	



## ACCURATE TECHNOLOGY CO., LTD.

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

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

Job No.: star2018 #2155

Polarization: Horizontal

Standard: FCC PK

Power Source: DC 12V

Test item: Radiation Test

Date: 2018/09/22

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

Time: 20:03:20

EUT: e-Screen ETX slot-in Android box

Engineer Signature: star

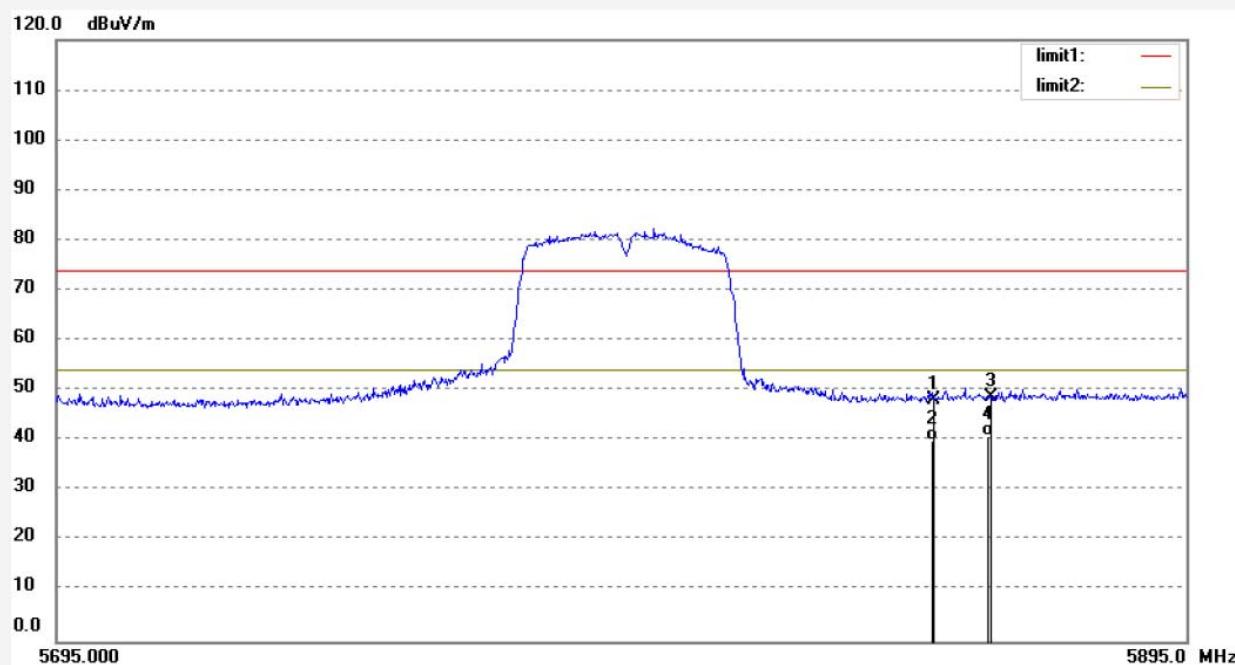
Mode: TX 5795MHz(802.11ac)40MHz

Distance: 3m

Model: RK3399

Manufacturer: Legamaster International B.V.

Note: Report No.:ATE20181650



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5850.000	39.97	8.25	48.22	74.00	-25.78	peak	150	87	
2	5850.000	31.72	8.25	39.97	54.00	-14.03	AVG	150	198	
3	5860.000	40.38	8.28	48.66	74.00	-25.34	peak	150	187	
4	5860.000	32.66	8.28	40.94	54.00	-13.06	AVG	150	96	



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

Job No.: star2018 #2156

Polarization: Vertical

Standard: FCC PK

Power Source: DC 12V

Test item: Radiation Test

Date: 2018/09/22

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

Time: 20:04:12

EUT: e-Screen ETX slot-in Android box

Engineer Signature: star

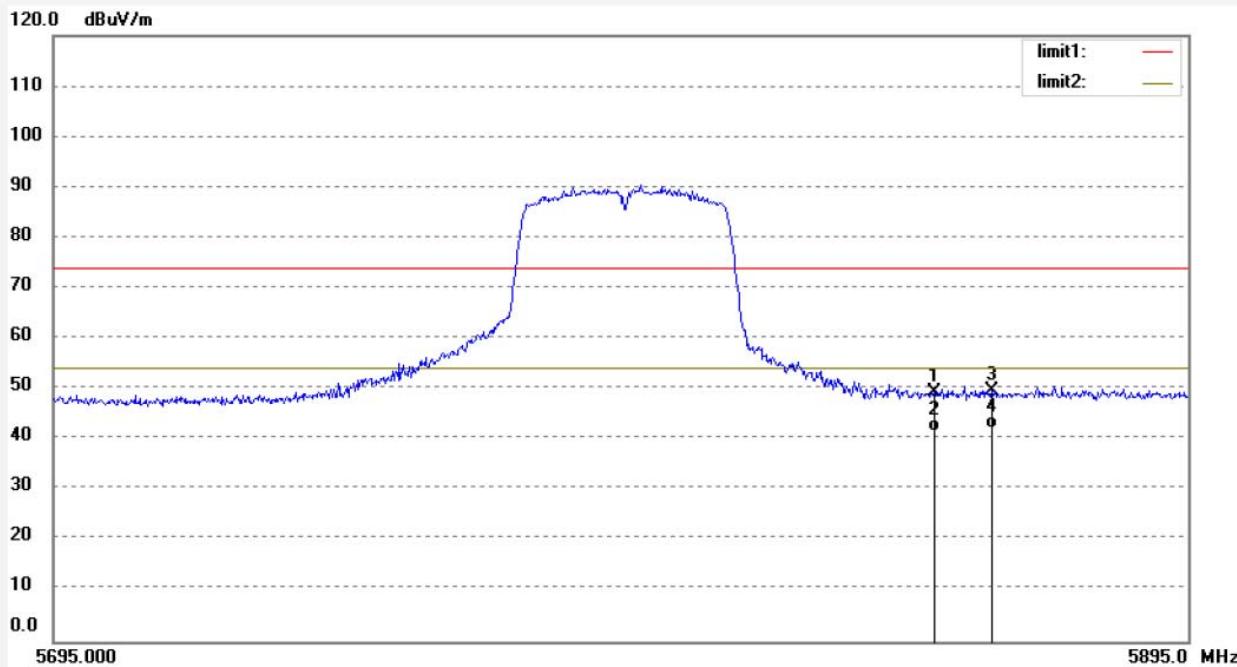
Mode: TX 5795MHz(802.11ac)40MHz

Distance: 3m

Model: RK3399

Manufacturer: Legamaster International B.V.

Note: Report No.:ATE20181650



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5850.000	41.13	8.25	49.38	74.00	-24.62	peak	150	78	
2	5850.000	33.40	8.25	41.65	54.00	-12.35	AVG	150	87	
3	5860.000	41.30	8.28	49.58	74.00	-24.42	peak	150	282	
4	5860.000	33.97	8.28	42.25	54.00	-11.75	AVG	150	317	

**Test mode: 802.11ac 80MHz TX Frequency: 5210MHz, 5775MHz**

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,  
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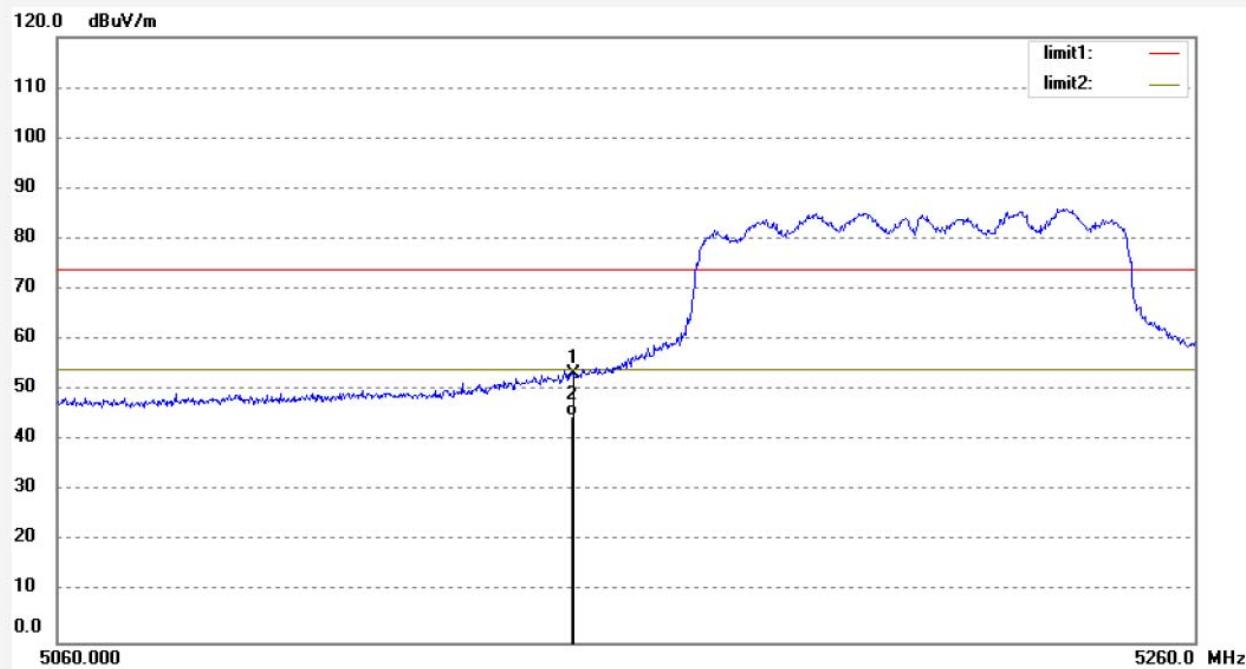
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star2018 #2158	Polarization: Horizontal
Standard: FCC PK	Power Source: DC 12V
Test item: Radiation Test	Date: 2018/09/22
Temp.( C)/Hum.(%) 23 C / 48 %	Time: 20:09:58
EUT: e-Screen ETX slot-in Android box	Engineer Signature: star
Mode: TX 5210MHz(802.11ac)80MHz	Distance: 3m
Model: RK3399	
Manufacturer: Legamaster International B.V.	

Note: Report No.:ATE20181650



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	46.90	6.39	53.29	74.00	-20.71	peak	150	190	
2	5150.000	38.55	6.39	44.94	54.00	-9.06	AVG	150	201	



## 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.: star2018 #2157

Polarization: Vertical

Standard: FCC PK

Power Source: DC 12V

Test item: Radiation Test

Date: 2018/09/22

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

Time: 20:08:47

EUT: e-Screen ETX slot-in Android box

Engineer Signature: star

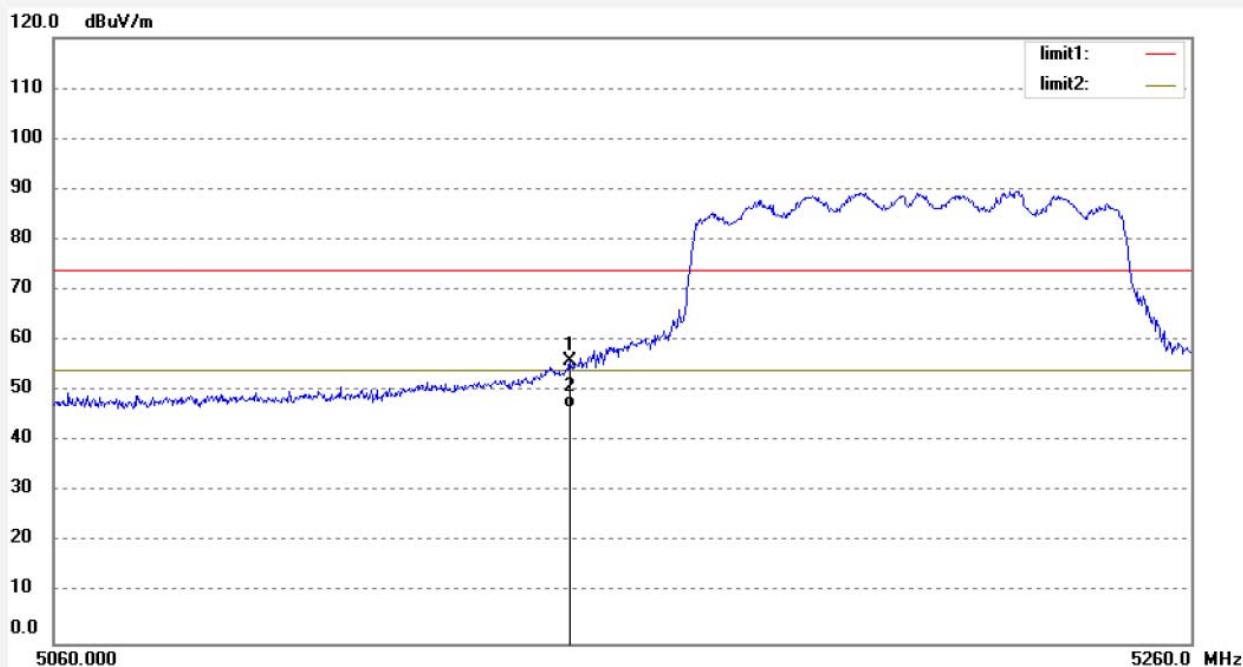
Mode: TX 5210MHz(802.11ac)80MHz

Distance: 3m

Model: RK3399

Manufacturer: Legamaster International B.V.

Note: Report No.:ATE20181650



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	49.60	6.39	55.99	74.00	-18.01	peak	150	28	
2	5150.000	40.40	6.39	46.79	54.00	-7.21	AVG	150	30	



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Science & Industry Park,Nanshan Shenzhen,P.R.ChinaSite: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: star2018 #2163

Polarization: Horizontal

Standard: FCC PK

Power Source: DC 12V

Test item: Radiation Test

Date: 2018/09/22

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

Time: 20:25:58

EUT: e-Screen ETX slot-in Android box

Engineer Signature: star

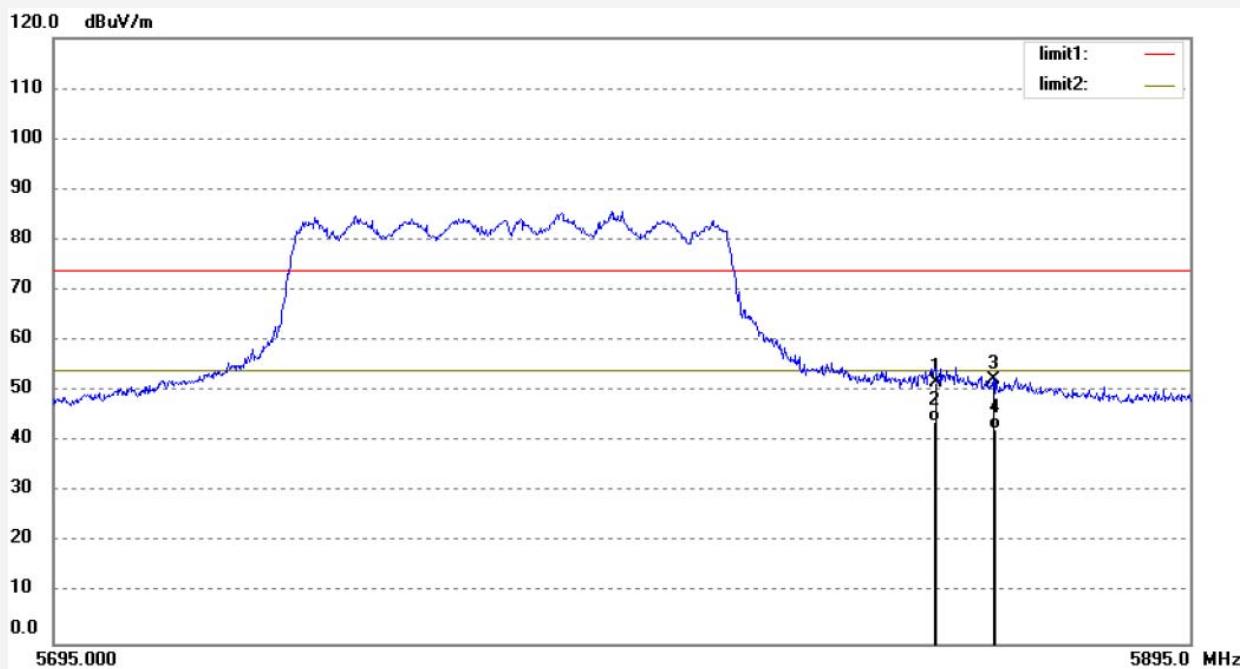
Mode: TX 5775MHz(802.11ac)80MHz

Distance: 3m

Model: RK3399

Manufacturer: Legamaster International B.V.

Note: Report No.:ATE20181650



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5850.000	43.57	8.25	51.82	74.00	-22.18	peak	150	187	
2	5850.000	35.67	8.25	43.92	54.00	-10.08	AVG	150	190	
3	5860.000	43.95	8.28	52.23	74.00	-21.77	peak	150	176	
4	5860.000	34.24	8.28	42.52	54.00	-11.48	AVG	150	169	



## 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.: star2018 #2164

Polarization: Vertical

Standard: FCC PK

Power Source: DC 12V

Test item: Radiation Test

Date: 2018/09/22

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

Time: 20:27:41

EUT: e-Screen ETX slot-in Android box

Engineer Signature: star

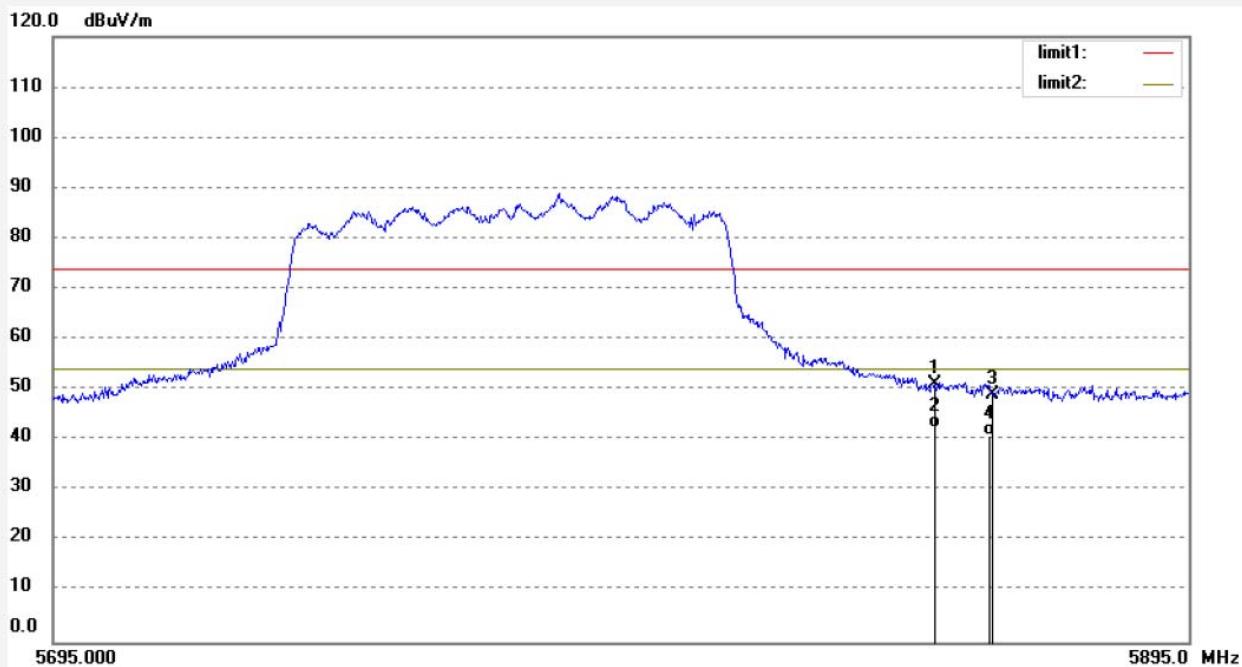
Mode: TX 5775MHz(802.11ac)80MHz

Distance: 3m

Model: RK3399

Manufacturer: Legamaster International B.V.

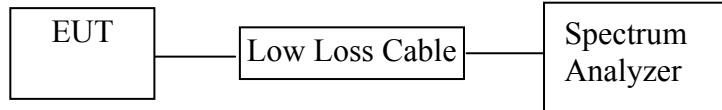
Note: Report No.:ATE20181650



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5850.000	42.97	8.25	51.22	74.00	-22.78	peak			
2	5850.000	34.24	8.25	42.49	54.00	-11.51	AVG			
3	5860.000	40.75	8.28	49.03	74.00	-24.97	peak			
4	5860.000	32.69	8.28	40.97	54.00	-13.03	AVG			

## 13. IN BAND EMISSION

### 13.1. Block Diagram of Test Setup



### 13.2. For transmitters operating in the 5.725-5.85 GHz band:

All emissions shall be limited to a level of  $-27 \text{ dBm/MHz}$  at  $75 \text{ MHz}$  or more above or below the band edge increasing linearly to  $10 \text{ dBm/MHz}$  at  $25 \text{ MHz}$  above or below the band edge, and from  $25 \text{ MHz}$  above or below the band edge increasing linearly to a level of  $15.6 \text{ dBm/MHz}$  at  $5 \text{ MHz}$  above or below the band edge, and from  $5 \text{ MHz}$  above or below the band edge increasing linearly to a level of  $27 \text{ dBm/MHz}$  at the band edge.

### 13.3. 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.

### 13.4. Operating Condition of EUT

13.4.1. Setup the EUT and simulator as shown as Section 13.1.

13.4.2. Turn on the power of all equipment.

13.4.3. Let the EUT work in TX modes measure it. The transmit frequency is 5725-5825MHz .

### 13.5. Test Procedure

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

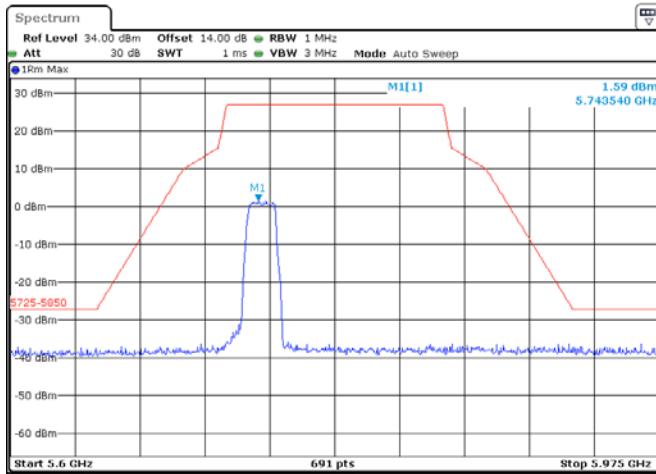
13.5.2. Set RBW of spectrum analyzer to 1000kHz and VBW to 3000kHz.

### 13.6. Test Result

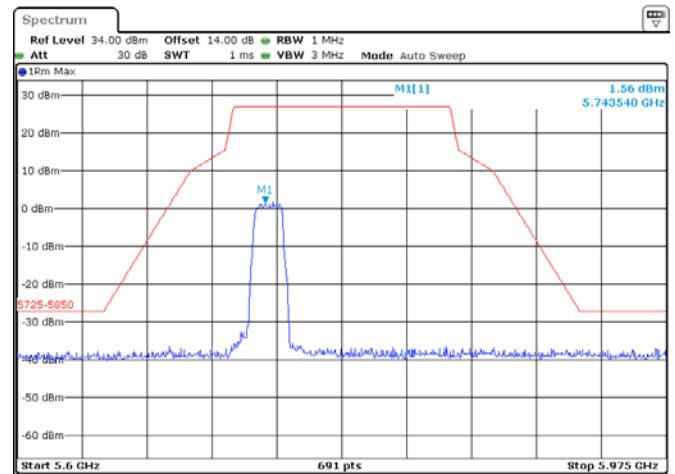
PASS

## SISO mode

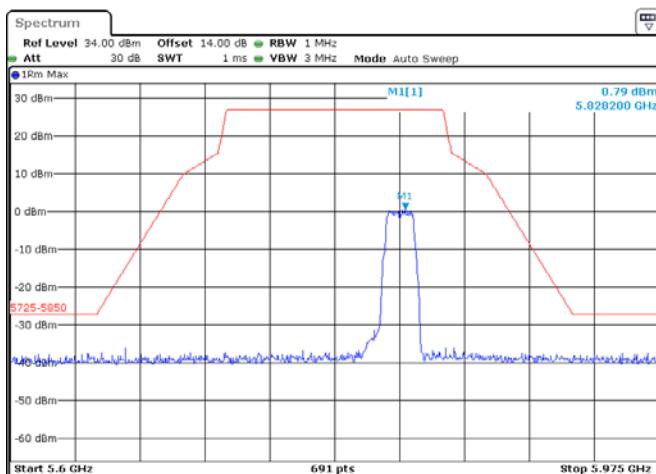
ANT 1(11A) 5745MHz



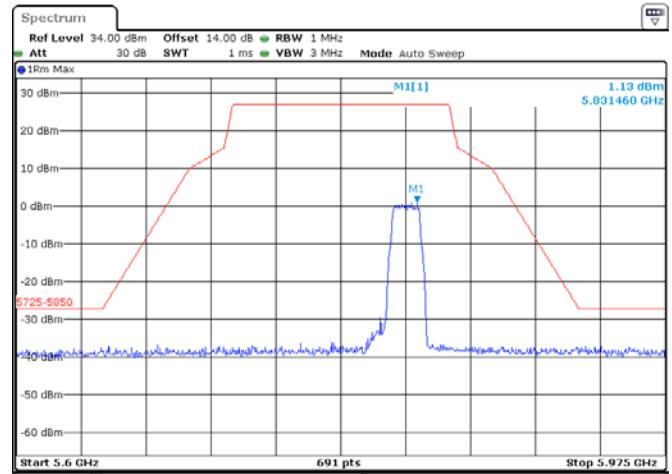
ANT 2(11A) 5745MHz



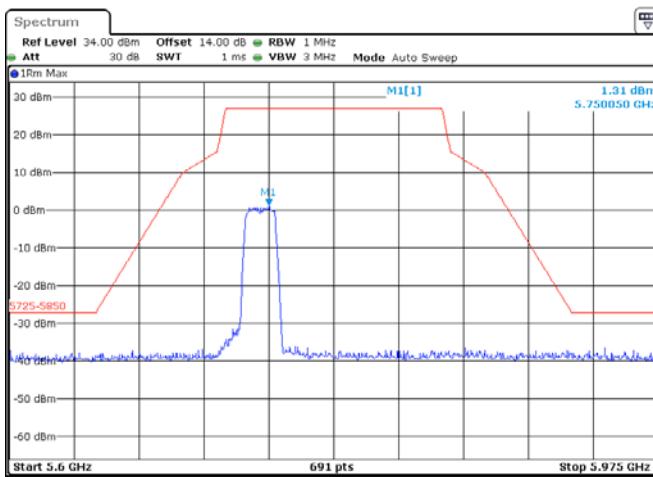
ANT 1(11A) 5825MHz



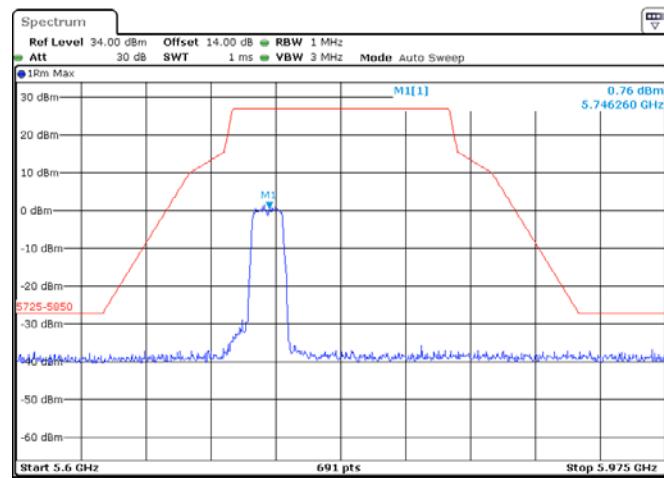
ANT 2(11A) 5825MHz



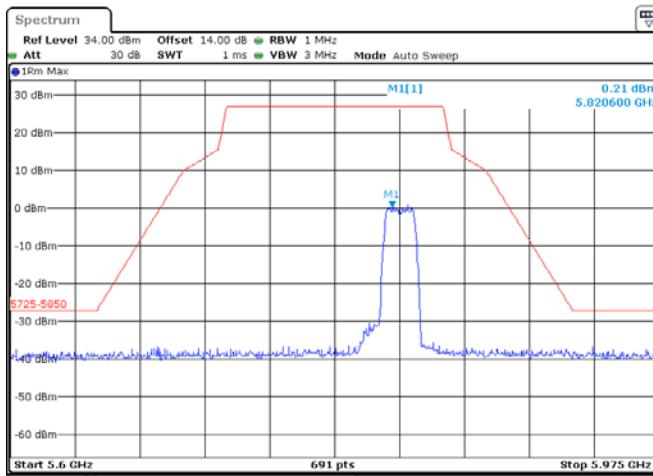
ANT 1(11N) 5745MHz



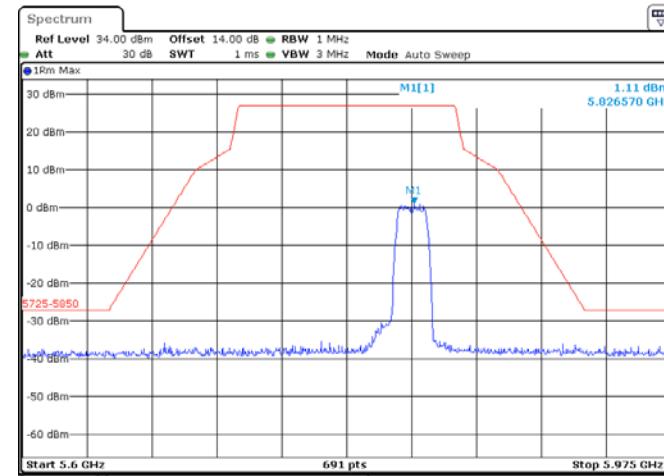
ANT 2(11N) 5745MHz



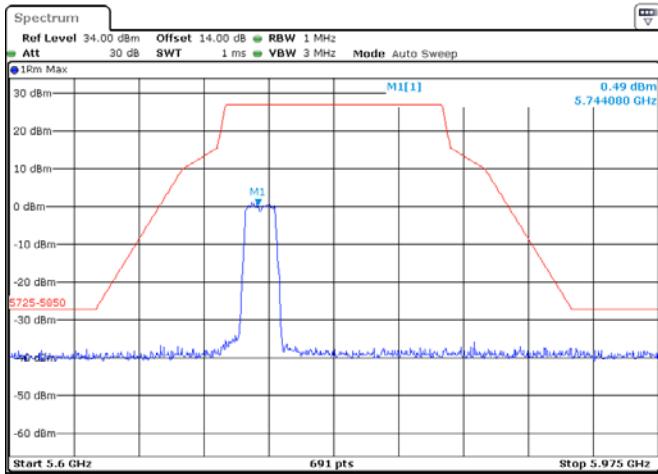
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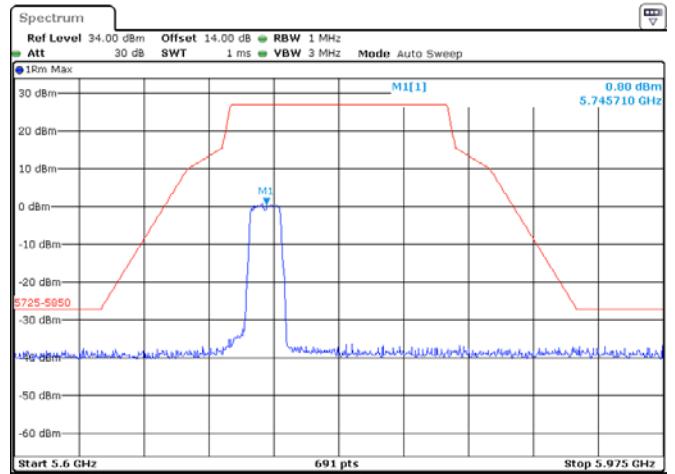
ANT 2(11N) 5825MHz



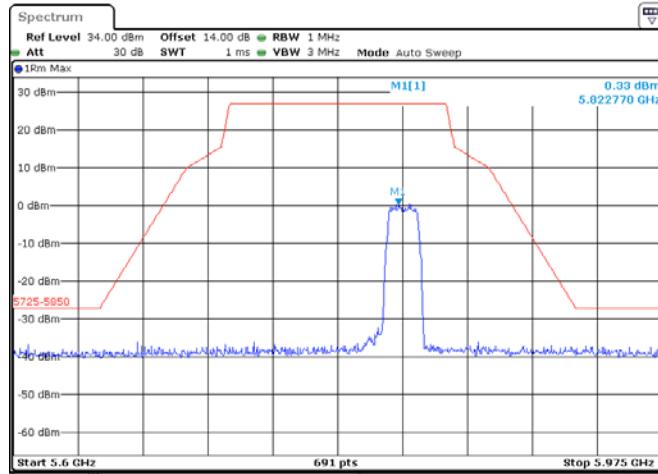
ANT 1(11AC) 5745MHz



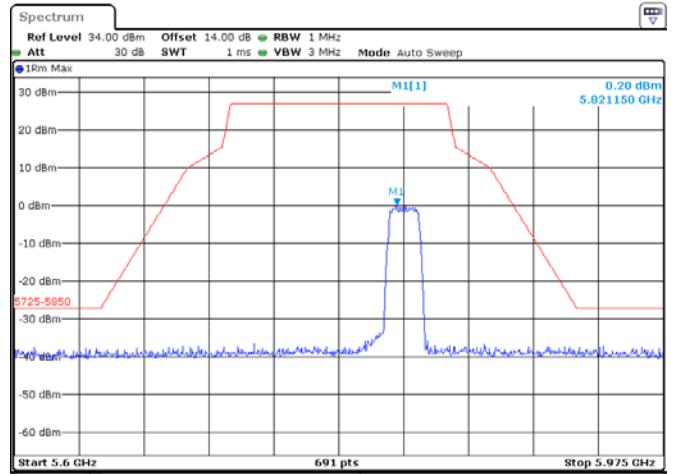
ANT 2(11AC) 5745MHz



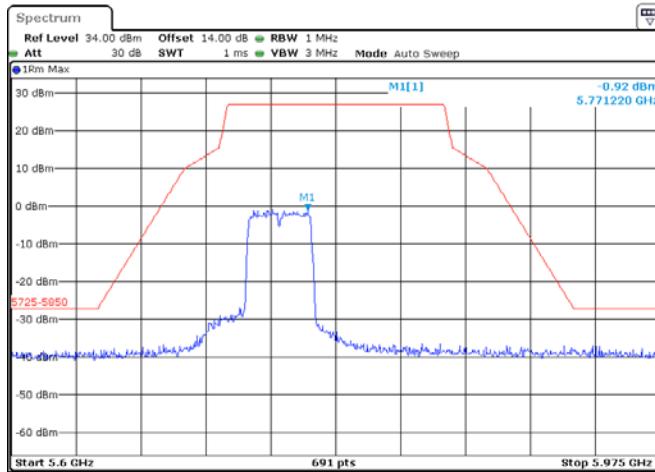
ANT 1(11AC) 5825MHz



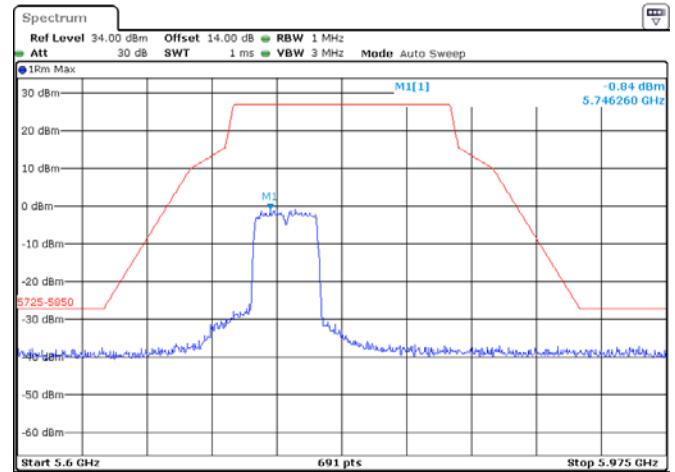
ANT 2(11AC) 5825MHz



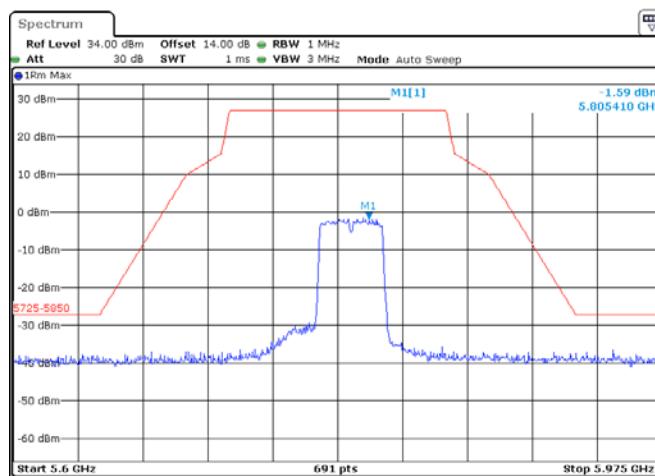
ANT 1(11N) 5755MHz



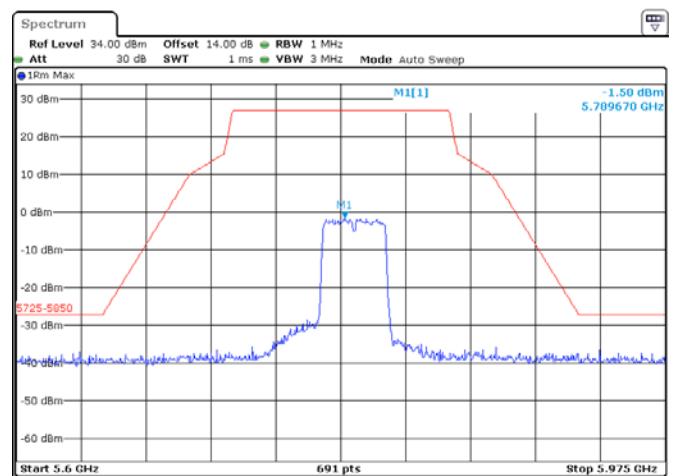
ANT 2(11N) 5755MHz



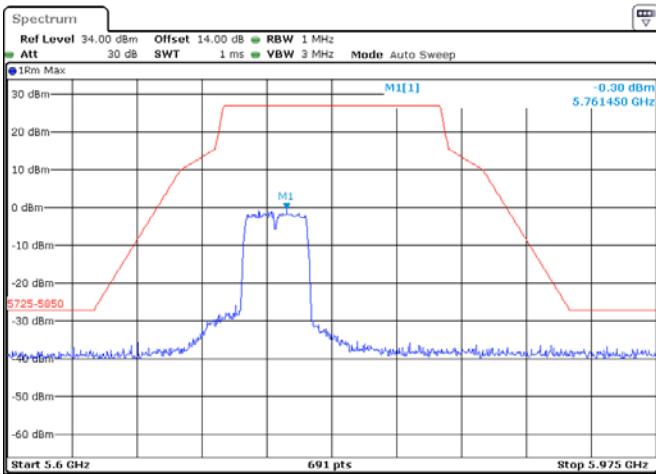
ANT 1(11N) 5795MHz



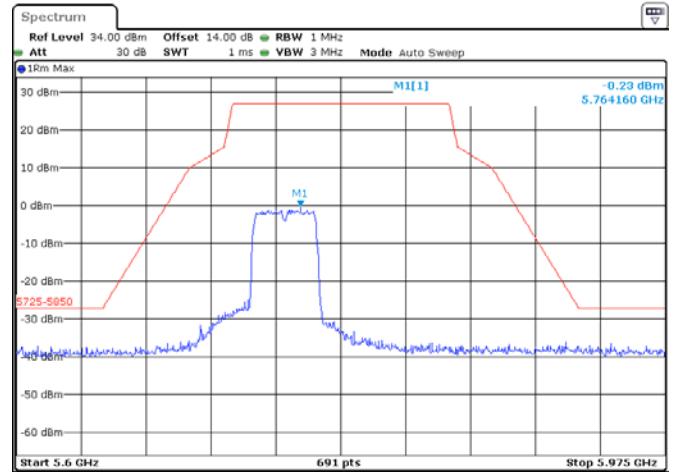
ANT 2(11N) 5795MHz



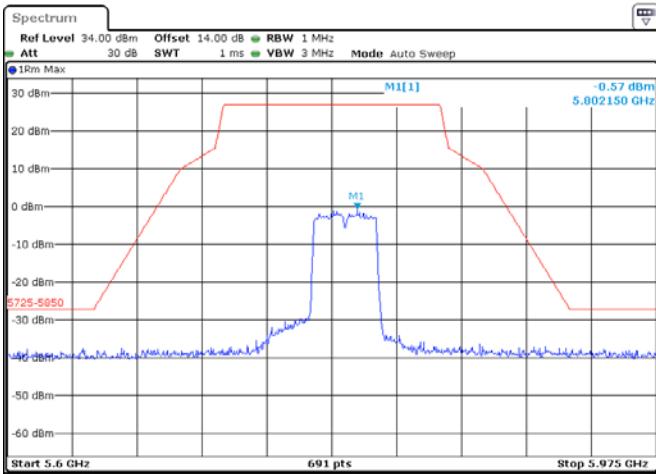
ANT 1(11AC) 5755MHz



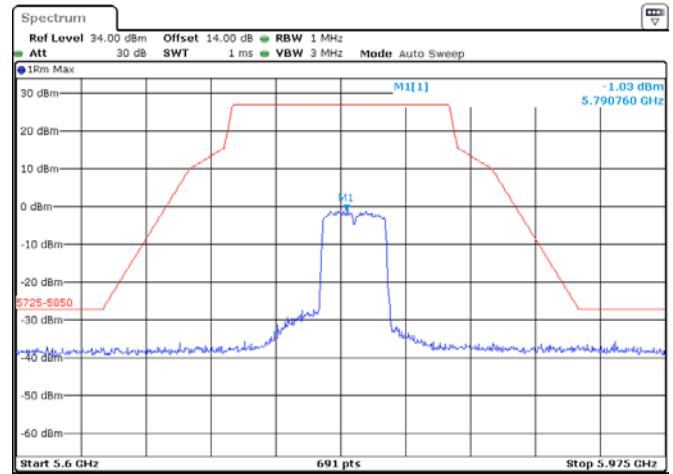
ANT 2(11AC) 5755MHz



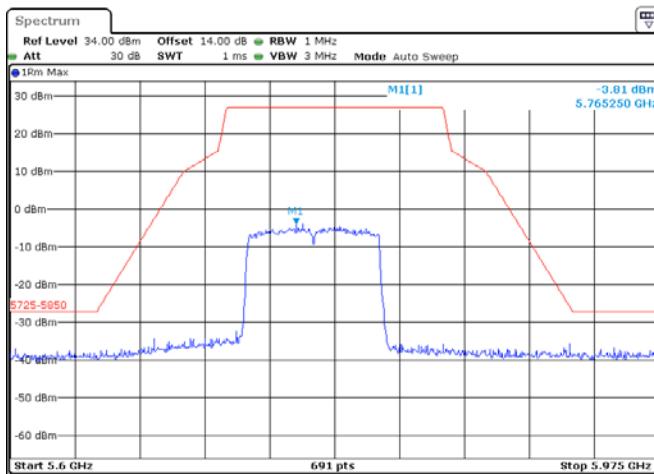
ANT 1(11AC) 5795MHz



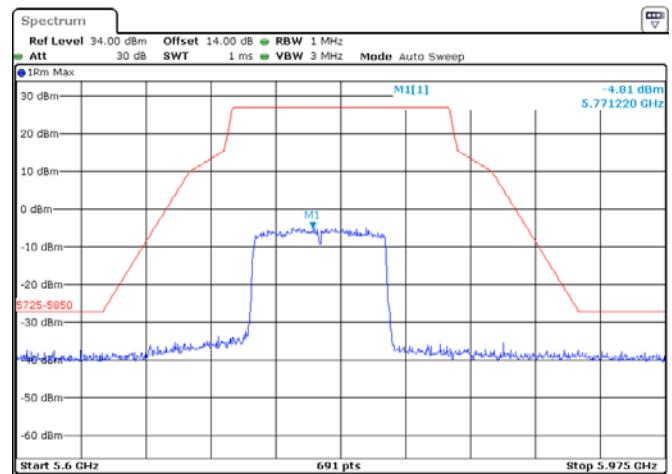
ANT 2(11AC) 5795MHz



ANT 1(11AC) 5775MHz

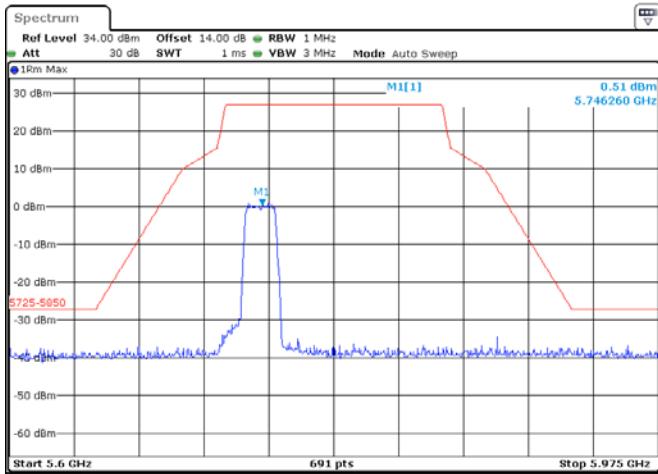


ANT 2(11AC) 5775MHz

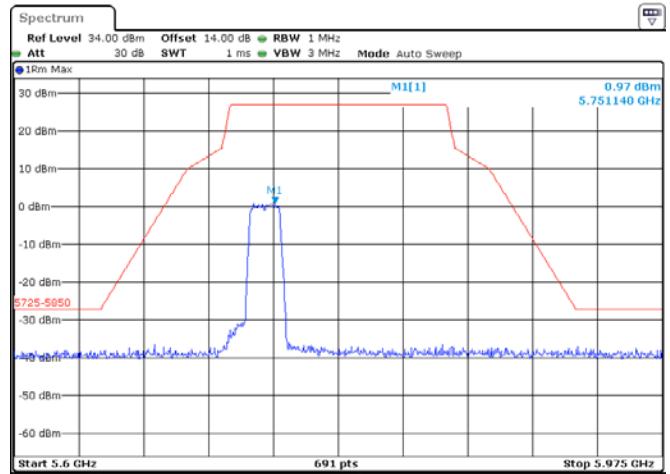


## MIMO mode

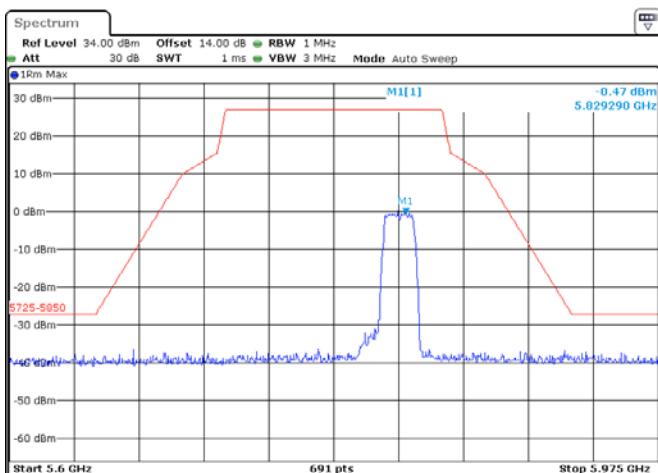
ANT 1(11N) 5745MHz



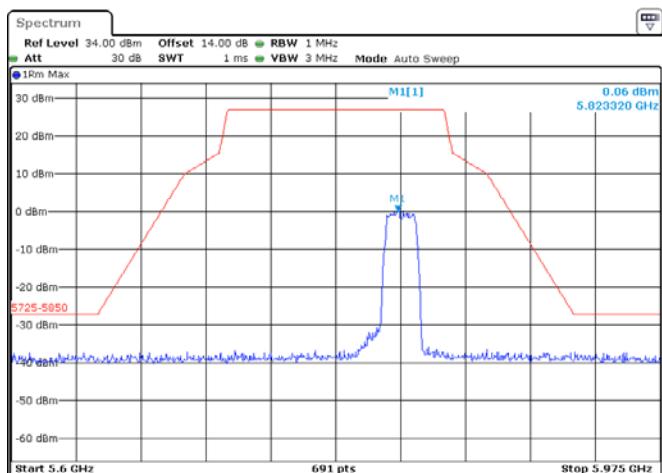
ANT 2(11N) 5745MHz



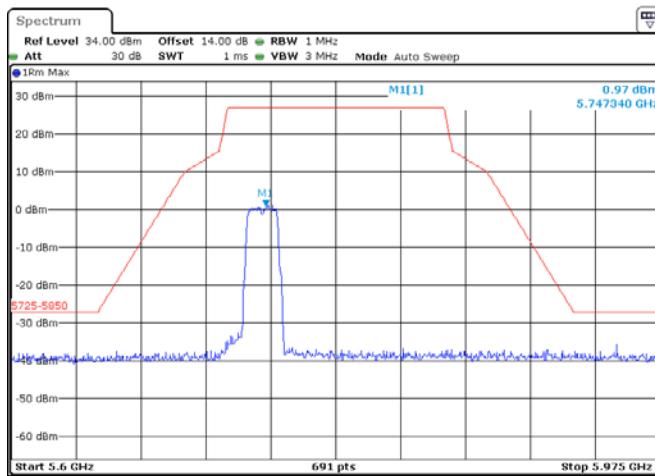
ANT 1(11N) 5825MHz



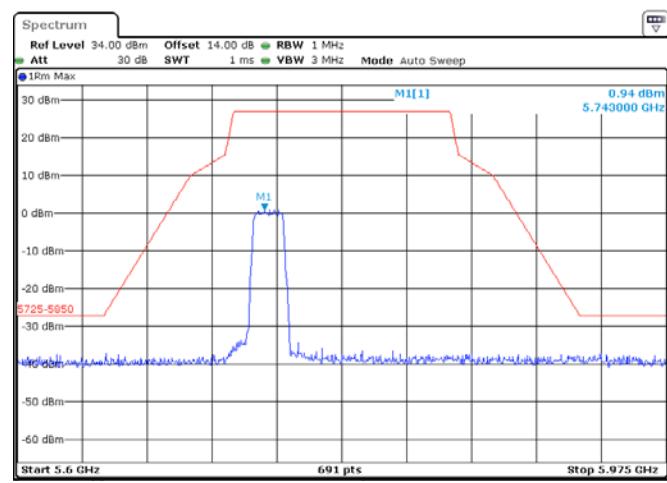
ANT 2(11N) 5825MHz



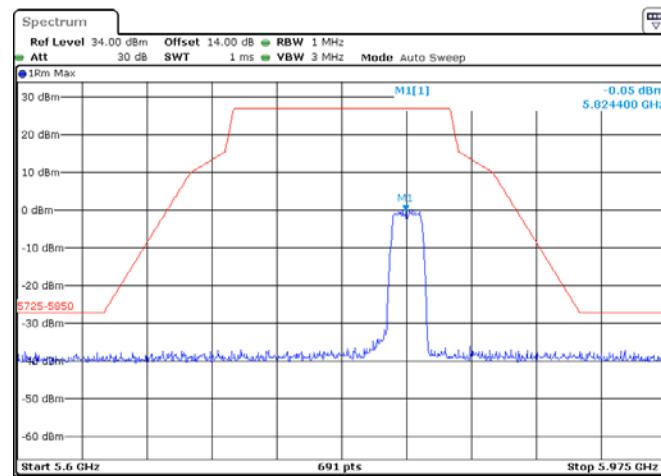
ANT 1(11AC) 5745MHz



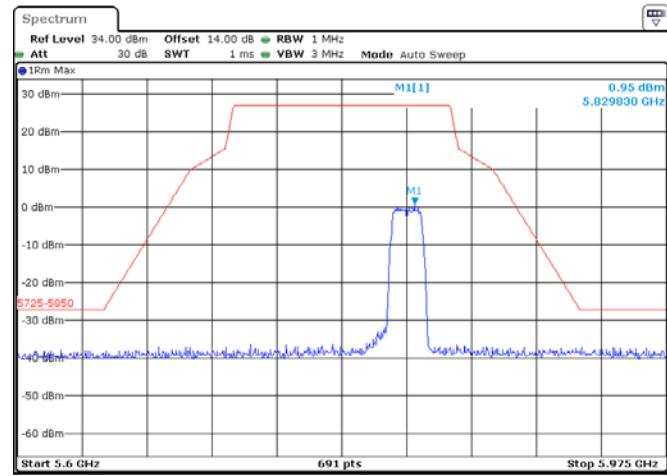
ANT 2(11AC) 5745MHz



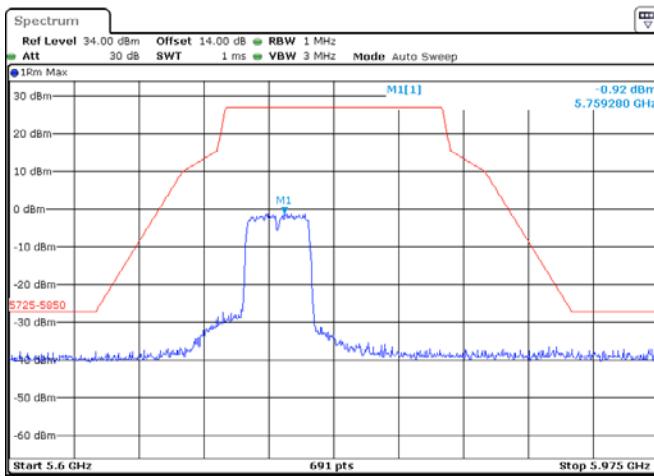
ANT 1(11AC) 5825MHz



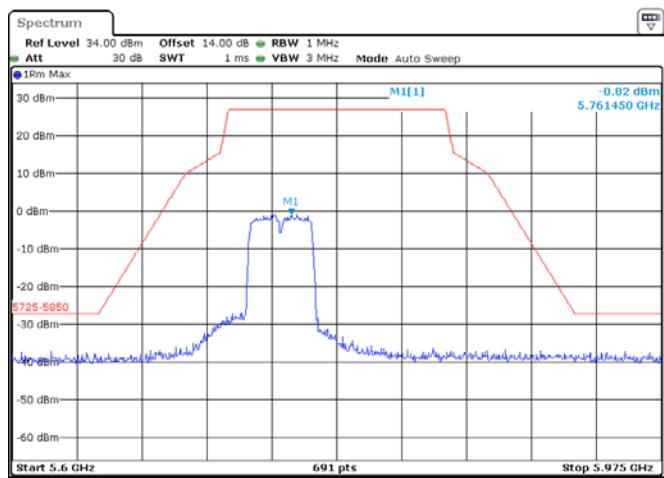
ANT 2(11AC) 5825MHz



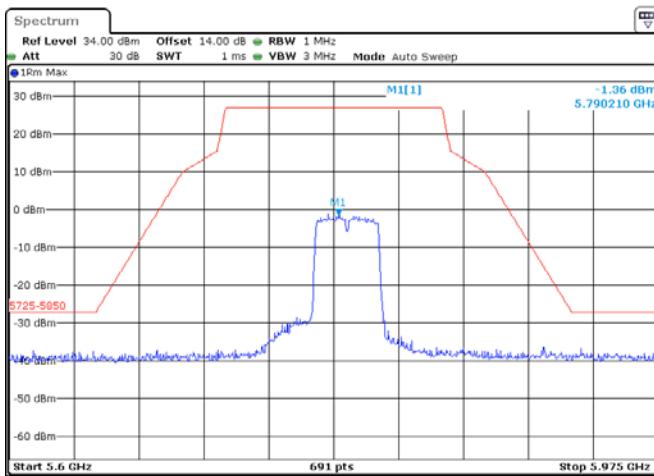
ANT 1(11N) 5755MHz



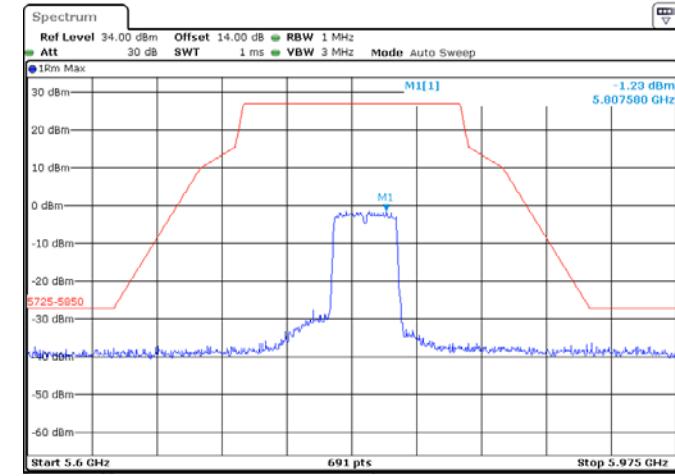
ANT 2(11N) 5755MHz



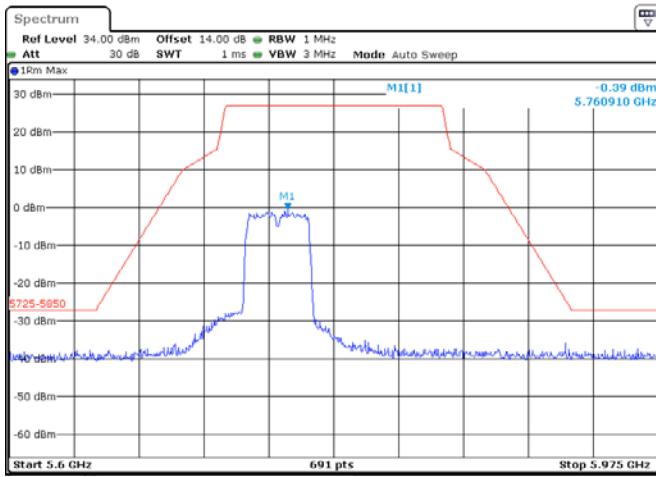
ANT 1(11N) 5795MHz



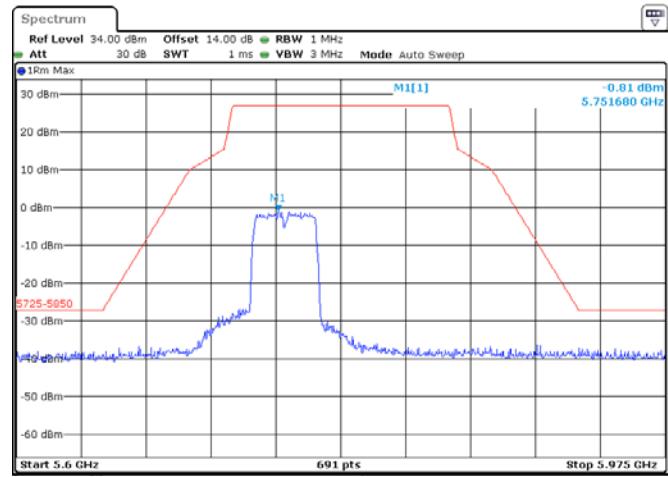
ANT 2(11N) 5795MHz



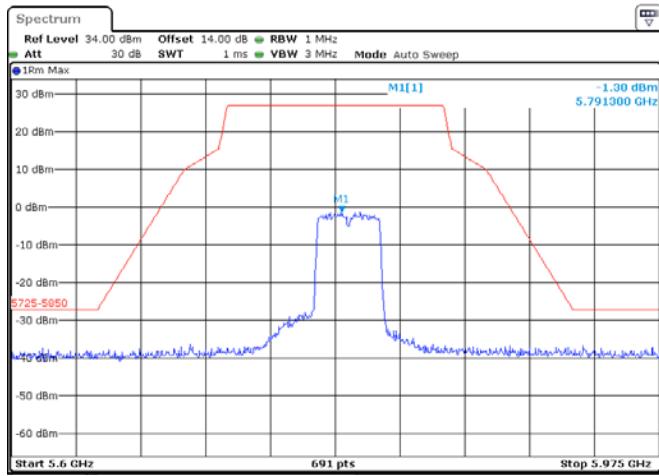
ANT 1(11AC) 5755MHz



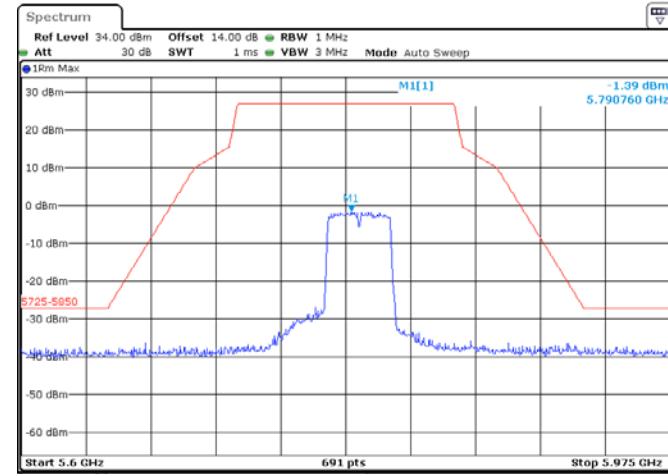
ANT 2(11AC) 5755MHz



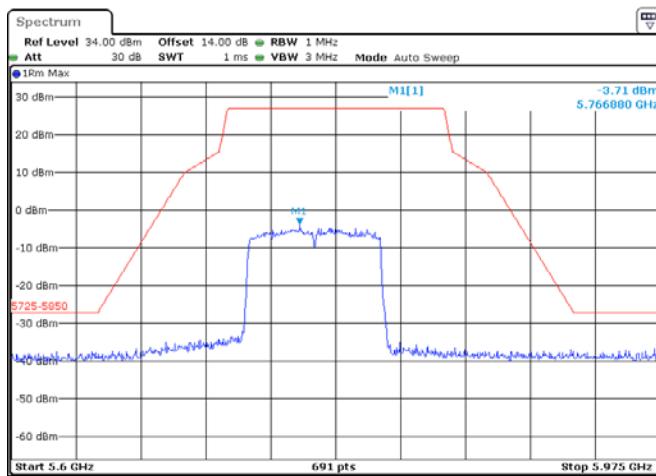
ANT 1(11AC) 5795MHz



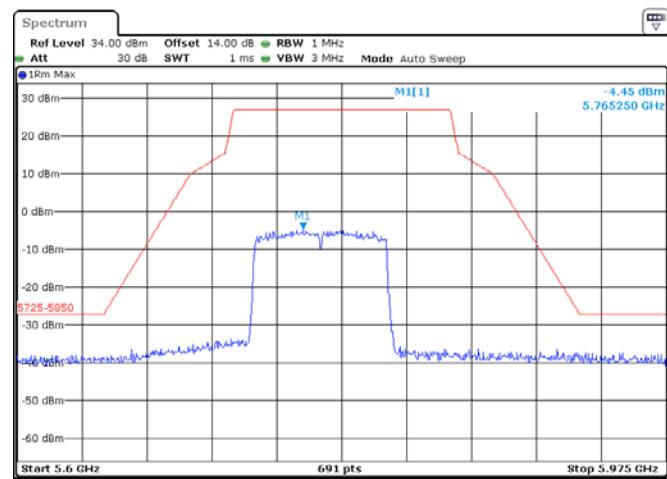
ANT 2(11AC) 5795MHz



ANT 1(11AC) 5775MHz

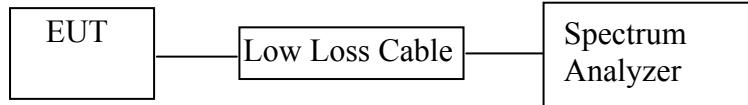


ANT 2(11AC) 5775MHz



## 14.FREQUENCIES STABILITY

### 14.1.Block Diagram of Test Setup



(EUT: e-Screen ETX slot-in Android box)

### 14.2.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 user manual.

### 14.3.Operating Condition of EUT

14.3.1.Setup the EUT and simulator as shown as Section 14.1.

14.3.2.Turn on the power of all equipment.

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

### 14.4.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) 5825
-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

## 15.ANTENNA REQUIREMENT

### 15.1.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.

### 15.2.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.

