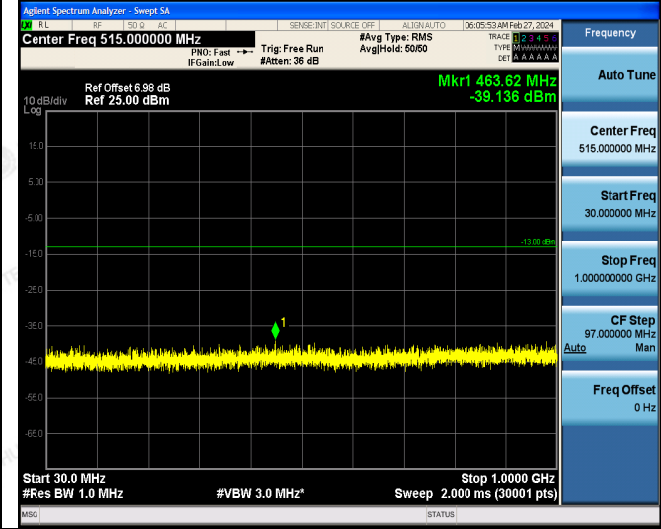
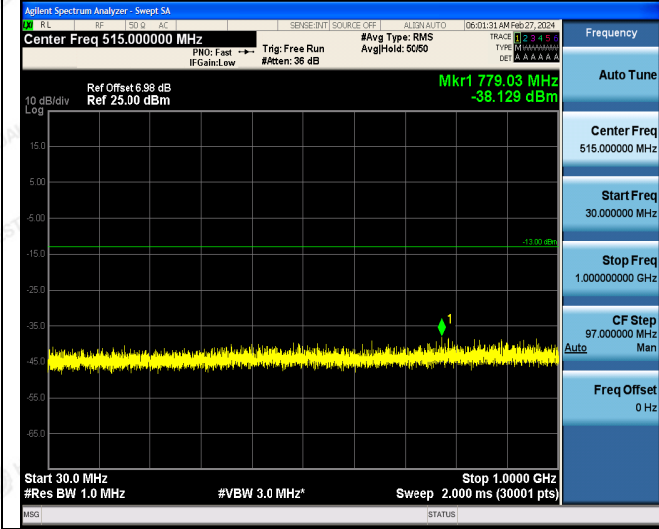




LTE FDD Band 66-1.4MHz Channel Bandwidth  
Low Channel

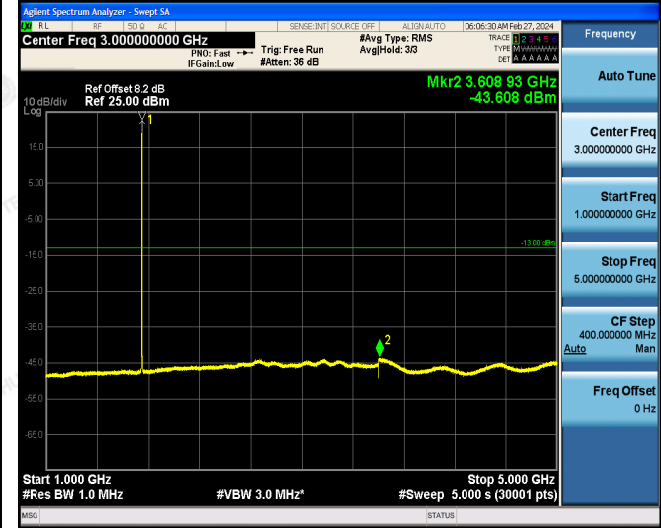
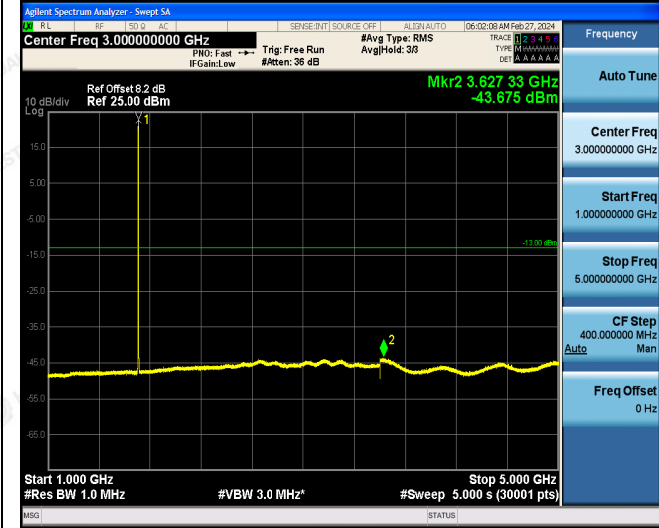
QPSK

16QAM



30MHz~1GHz

30MHz~1GHz



1GHz~5GHz

1GHz~5GHz



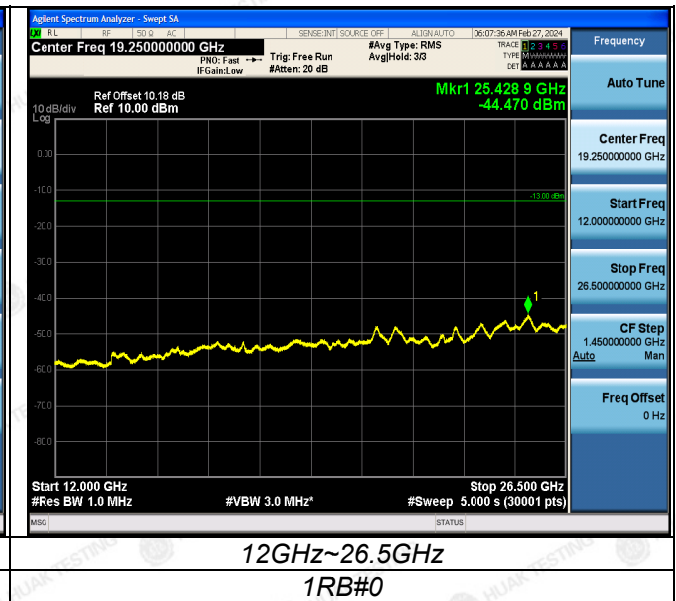
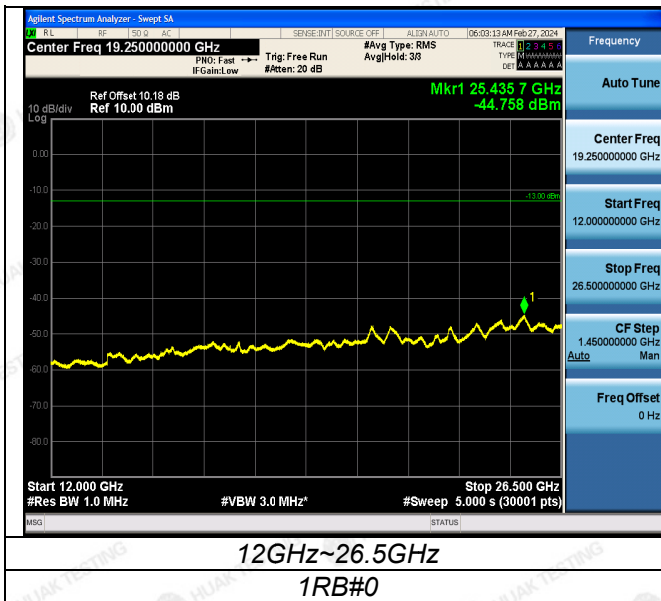
5GHz~12GHz

5GHz~12GHz

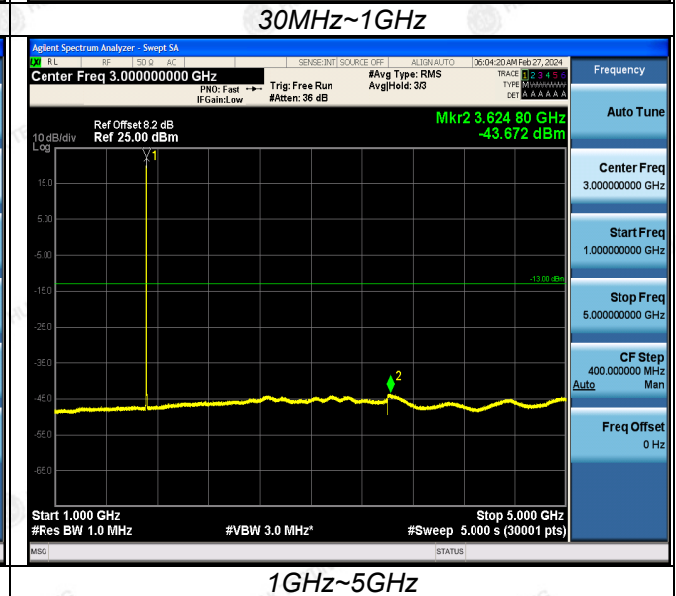
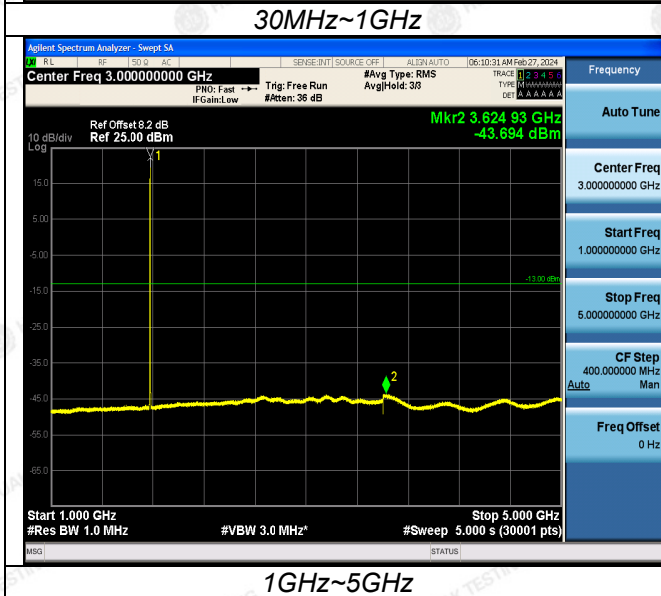
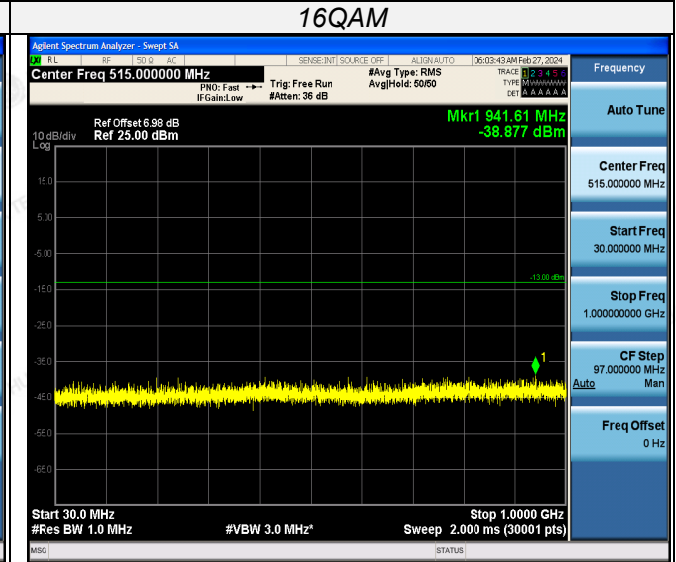
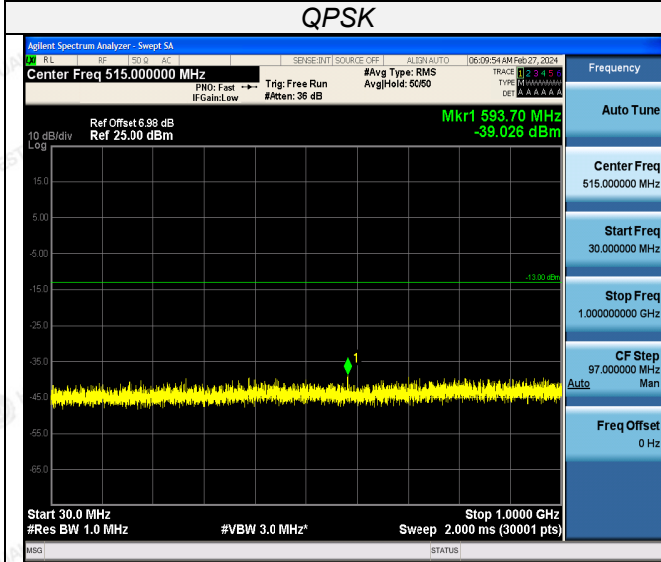
The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAKE, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.cer-mark.com>.

TEL : +86-755 2302 9901 FAX : +86-755 2302 9901 E-mail : service@cer-mark.com

Add: 1-2F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China



LTE FDD Band 66-1.4MHz Channel Bandwidth  
Middle Channel



The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. This document is issued by HUAK, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.cer-mark.com>.

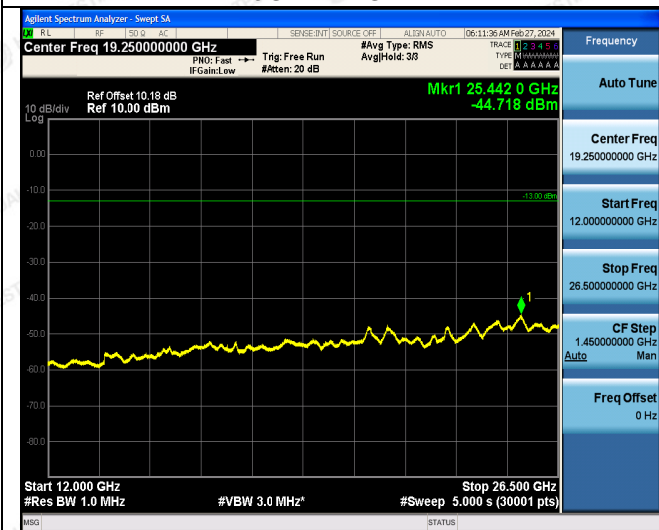
TEL : +86-755 2302 9901 FAX : +86-755 2302 9901 E-mail : service@cer-mark.com

Add: 1-2F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China



5GHz~12GHz

5GHz~12GHz



12GHz~26.5GHz

12GHz~26.5GHz

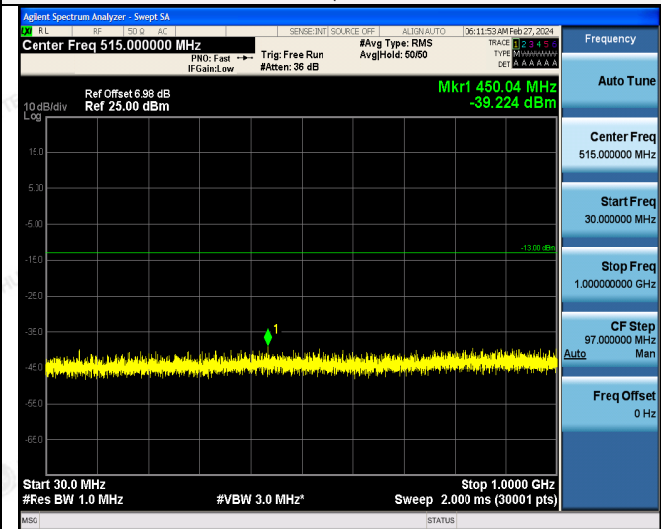
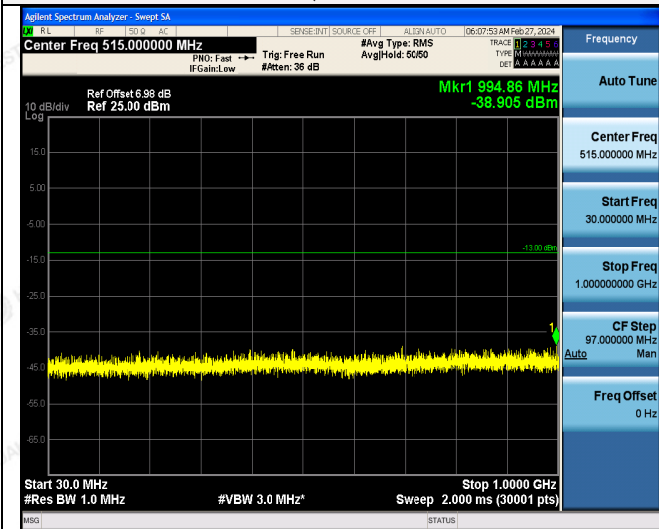
1RB#0

1RB#0

LTE FDD Band 66-1.4MHz Channel Bandwidth High Channel

QPSK

16QAM



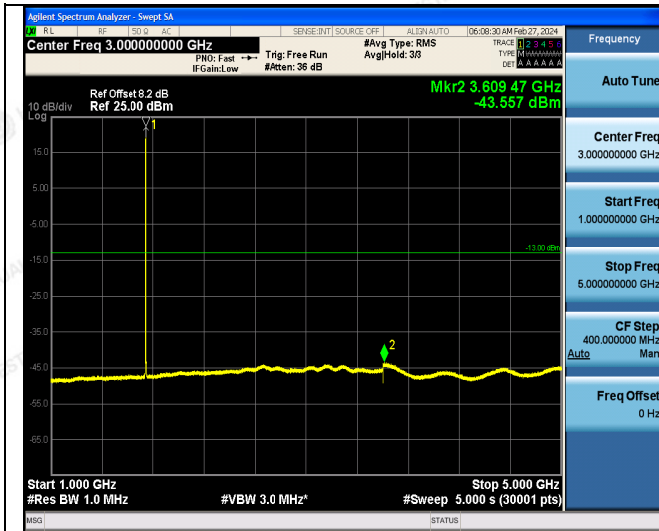
30MHz~1GHz

30MHz~1GHz

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAKE, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.cer-mark.com>.

TEL : +86-755 2302 9901 FAX : +86-755 2302 9901 E-mail : service@cer-mark.com

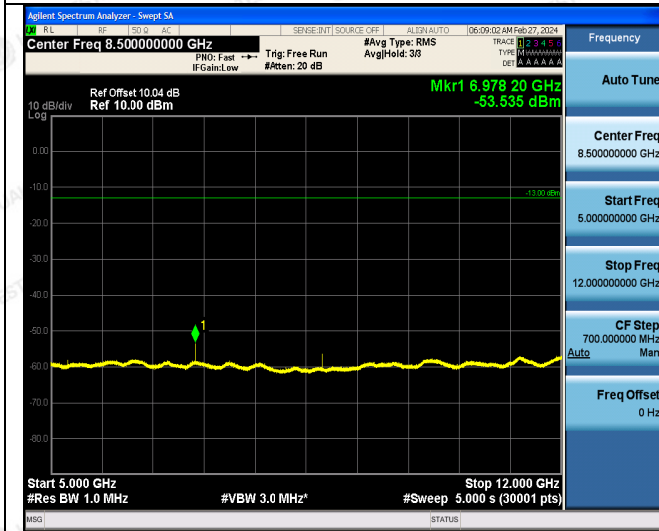
Add: 1-2F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China



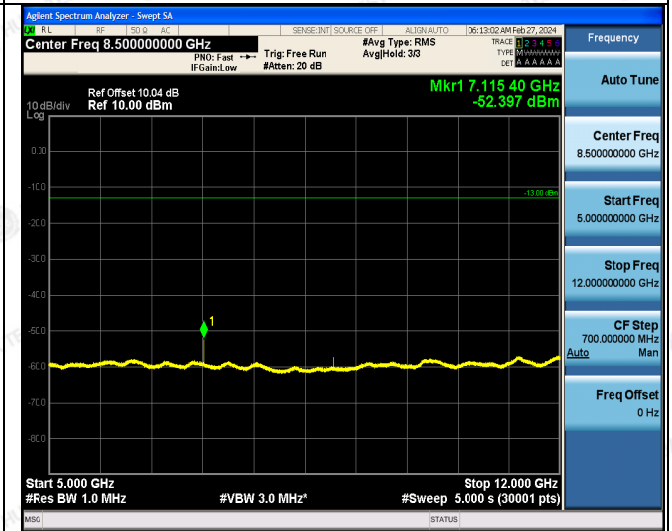
1GHz~5GHz



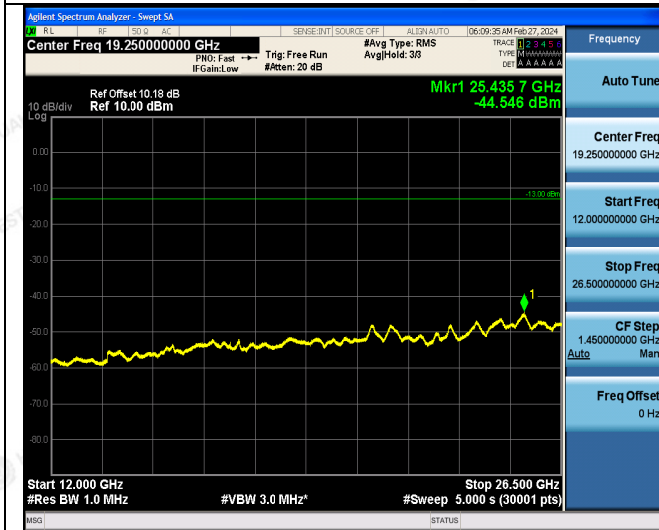
1GHz~5GHz



5GHz~12GHz



5GHz~12GHz



12GHz~26.5GHz

1RB#0



12GHz~26.5GHz

1RB#0

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAKE, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.cer-mark.com>.

TEL : +86-755 2302 9901 FAX : +86-755 2302 9901 E-mail : service@cer-mark.com

Add: 1-2F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

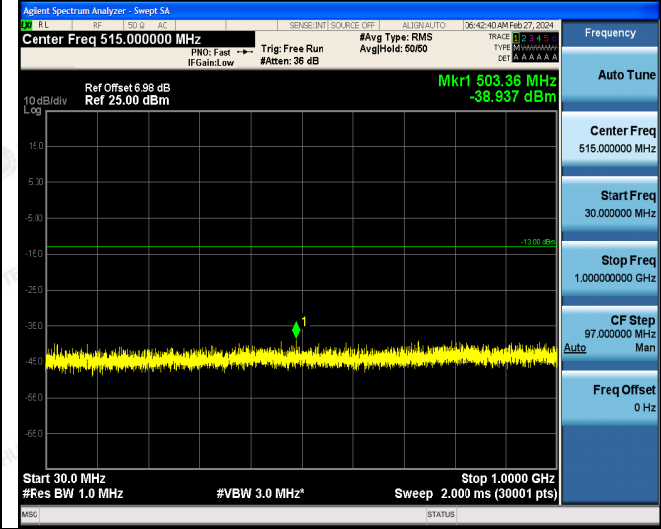
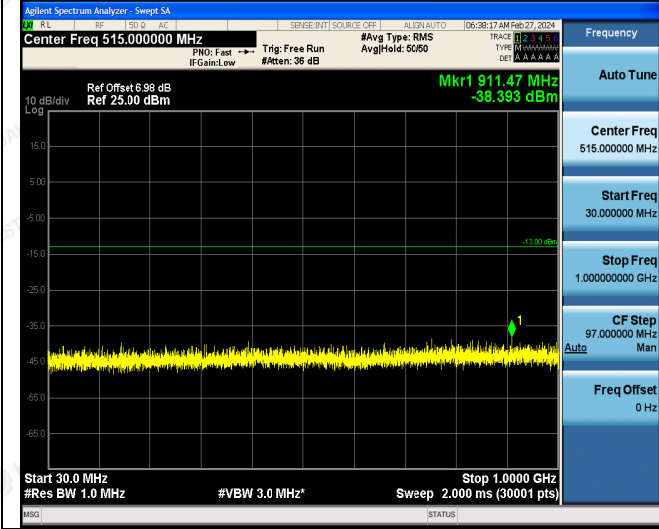


LTE FDD Band 66-3MHz Channel Bandwidth

Low Channel

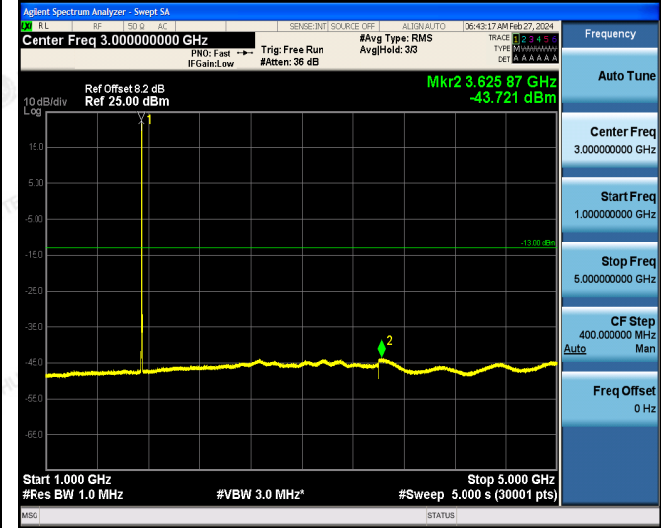
QPSK

16QAM



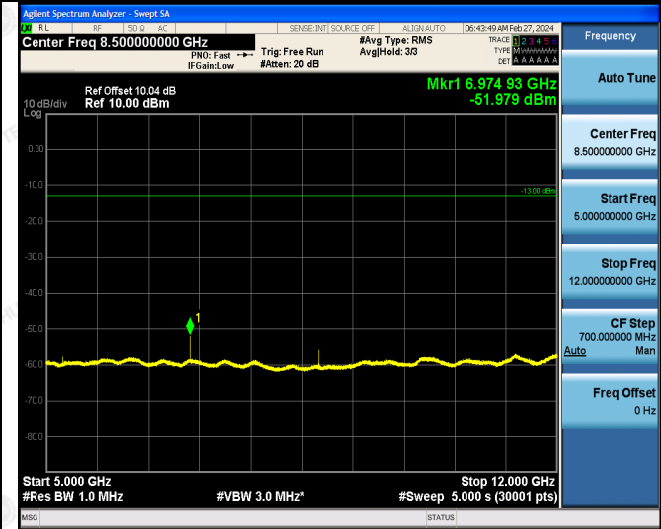
30MHz~1GHz

30MHz~1GHz



1GHz~5GHz

1GHz~5GHz



5GHz~12GHz

5GHz~12GHz

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAJ, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.cer-mark.com>.

TEL : +86-755 2302 9901 FAX : +86-755 2302 9901 E-mail : service@cer-mark.com

Addr: 1-2F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China



12GHz~26.5GHz  
1RB#0

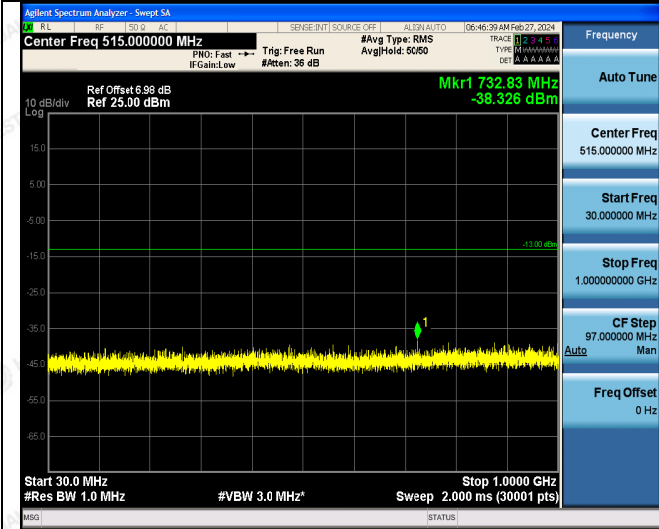


12GHz~26.5GHz  
1RB#0

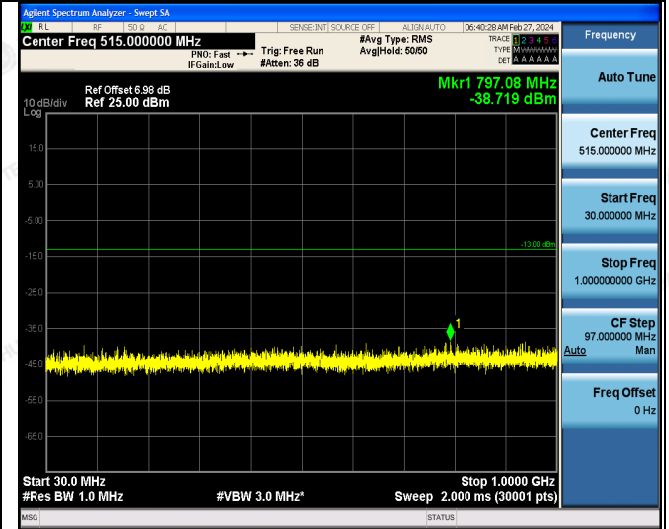
LTE FDD Band 66-3MHz Channel Bandwidth  
Middle Channel

QPSK

16QAM



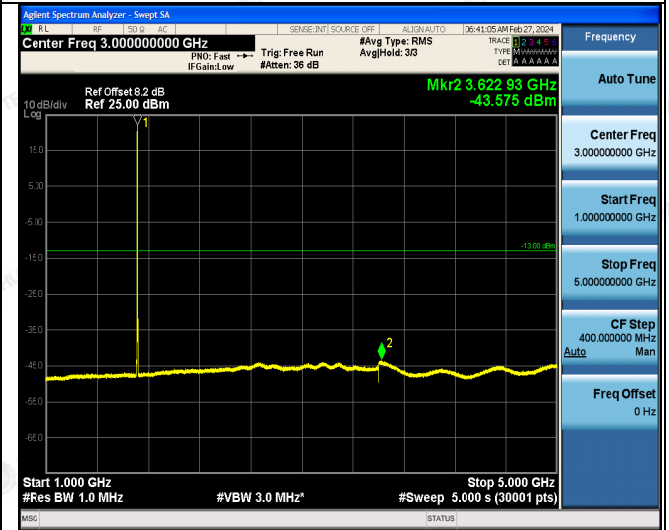
30MHz~1GHz



30MHz~1GHz



1GHz~5GHz

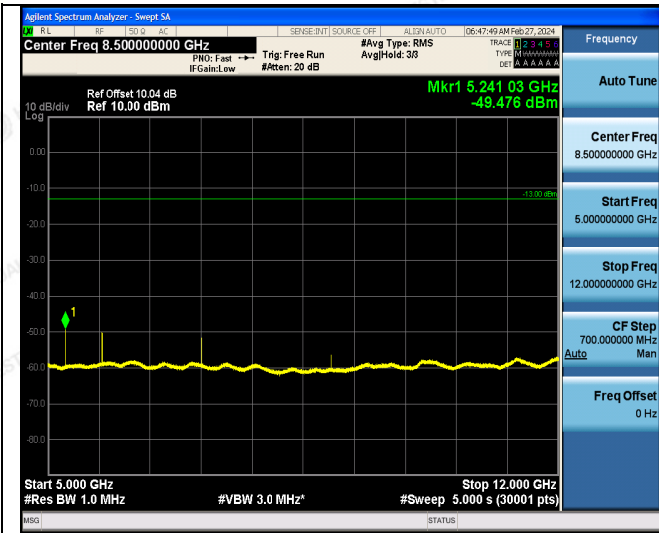


1GHz~5GHz

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAKE, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.cer-mark.com>.

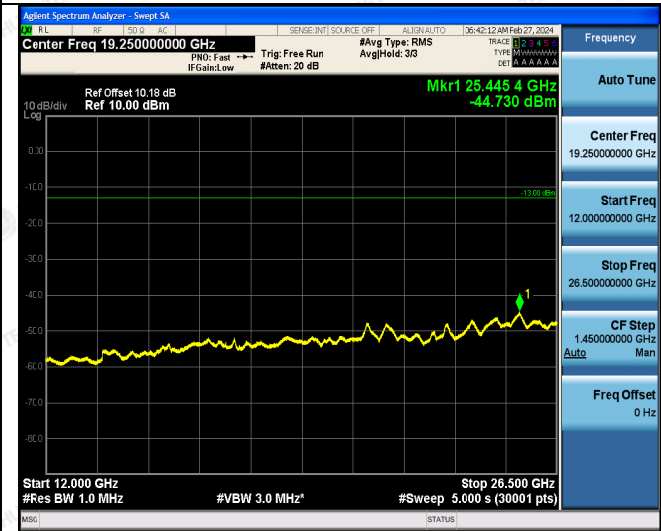
TEL : +86-755 2302 9901 FAX : +86-755 2302 9901 E-mail : service@cer-mark.com

Add: 1-2F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China



5GHz~12GHz

5GHz~12GHz



12GHz~26.5GHz

12GHz~26.5GHz

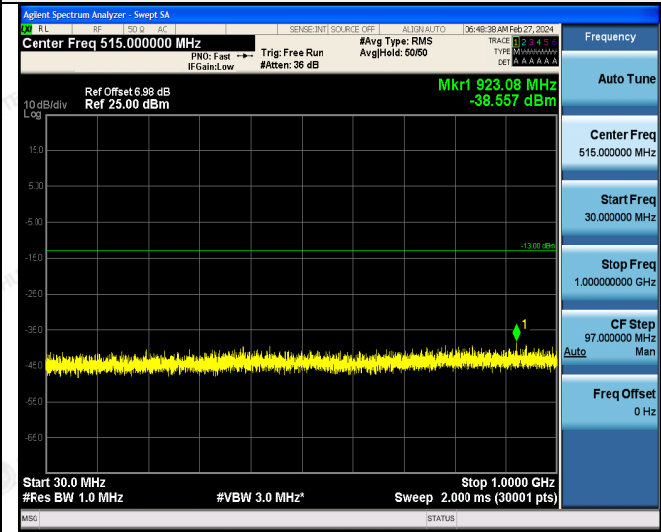
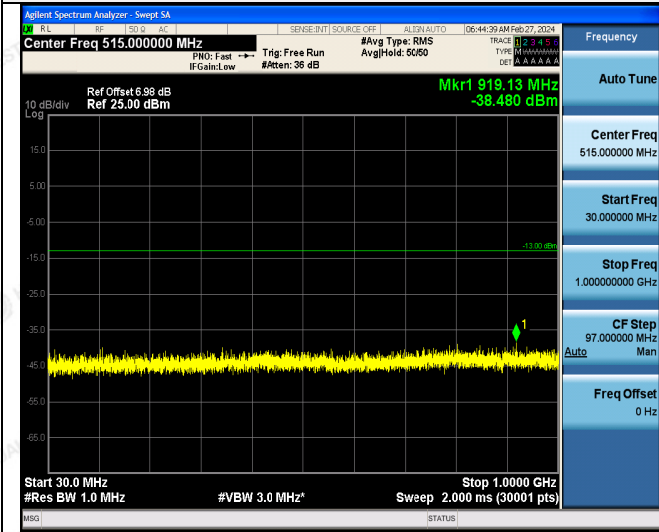
1RB#0

1RB#0

LTE FDD Band 66-3MHz Channel Bandwidth High Channel

QPSK

16QAM



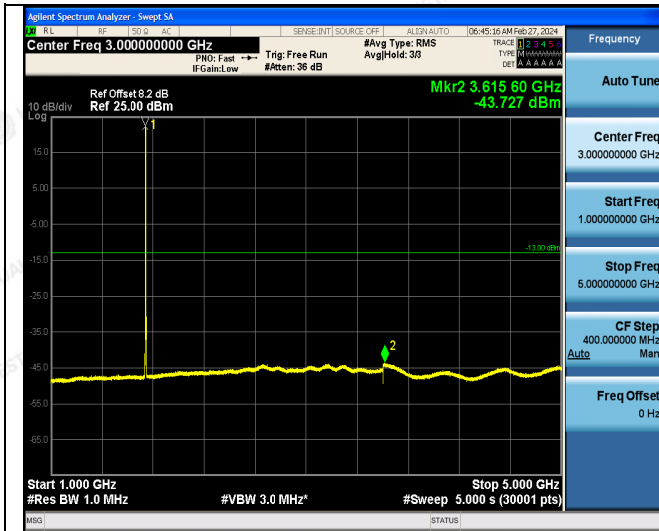
30MHz~1GHz

30MHz~1GHz

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAKE, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.cer-mark.com>.

TEL : +86-755 2302 9901 FAX : +86-755 2302 9901 E-mail : service@cer-mark.com

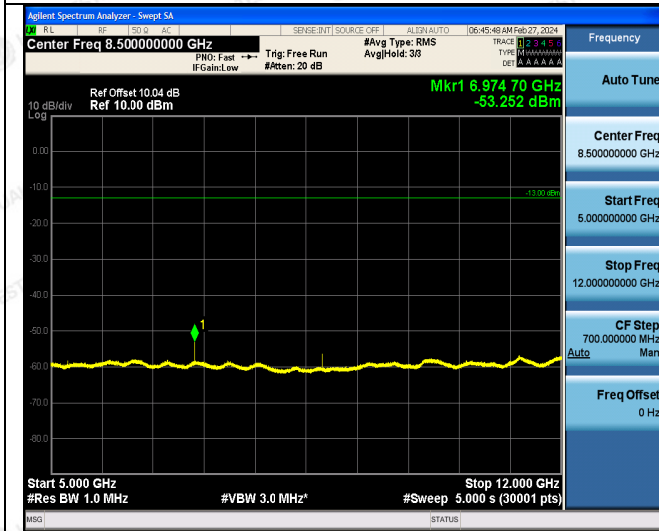
Add: 1-2F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China



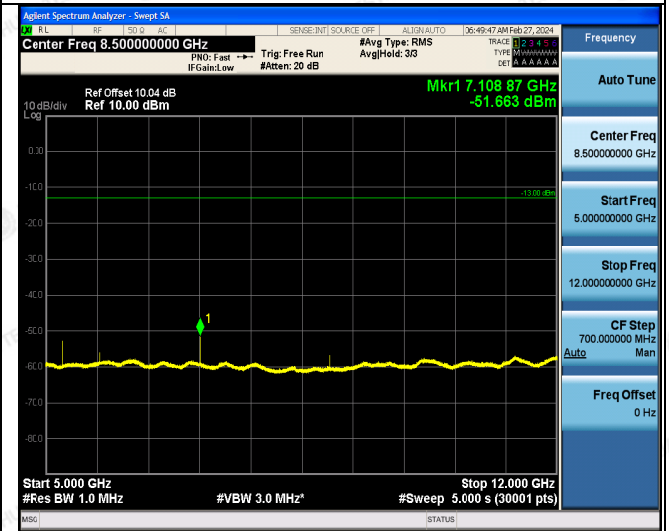
1GHz~5GHz



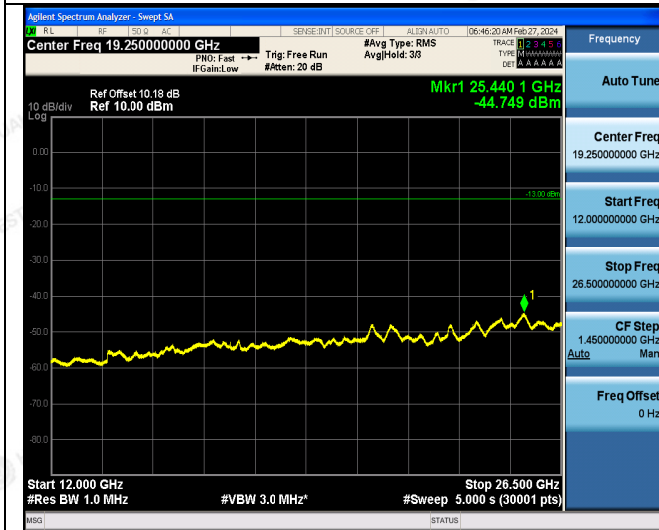
1GHz~5GHz



5GHz~12GHz



5GHz~12GHz



12GHz~26.5GHz

1RB#0



12GHz~26.5GHz

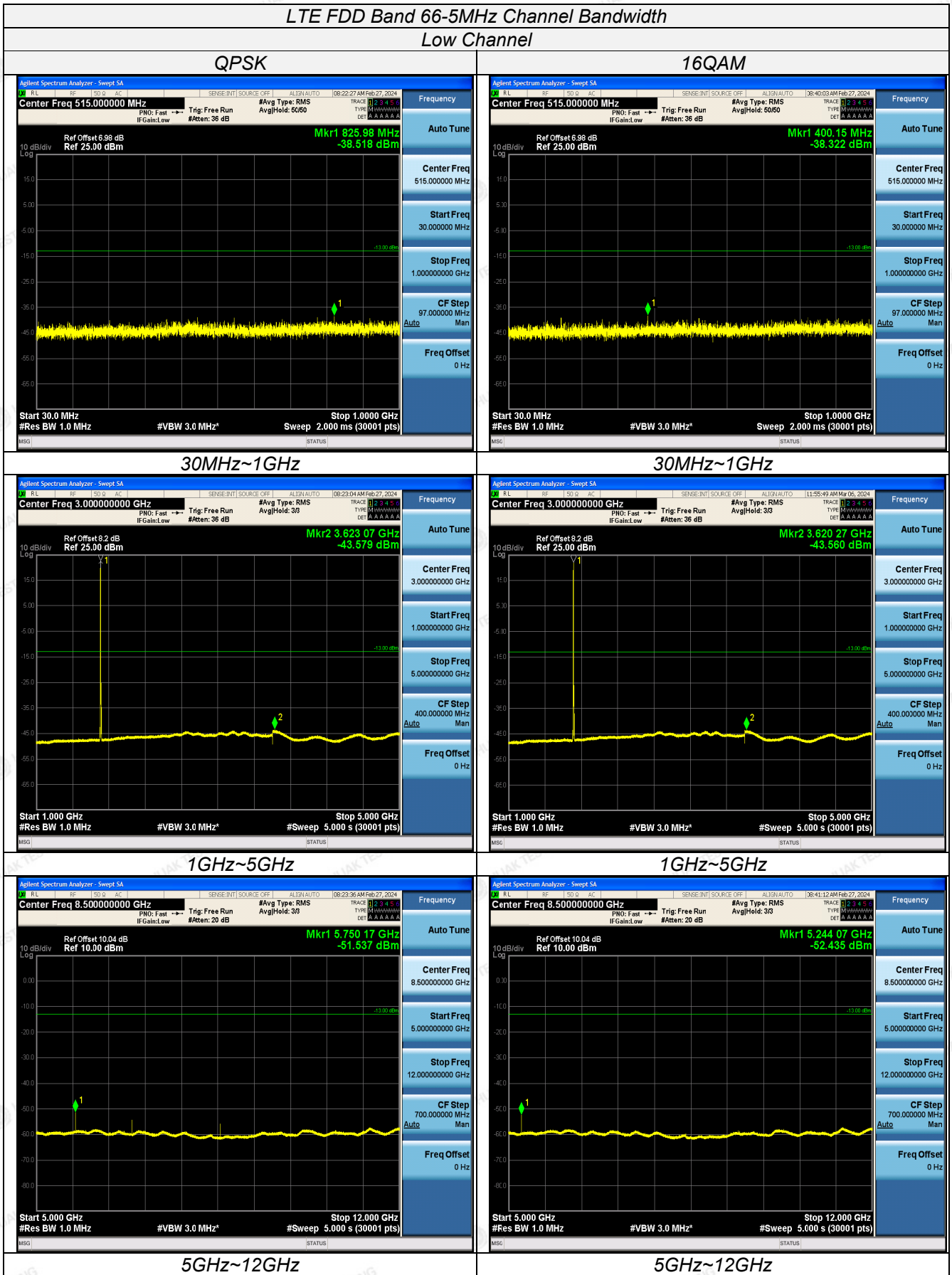
1RB#0

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAKE, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.cer-mark.com>.

TEL : +86-755 2302 9901 FAX : +86-755 2302 9901 E-mail : service@cer-mark.com

Add: 1-2F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China





The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAKE, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.cer-mark.com>.

TEL : +86-755 2302 9901 FAX : +86-755 2302 9901 E-mail : service@cer-mark.com

Address: 1-2F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China



12GHz~26.5GHz  
1RB#0

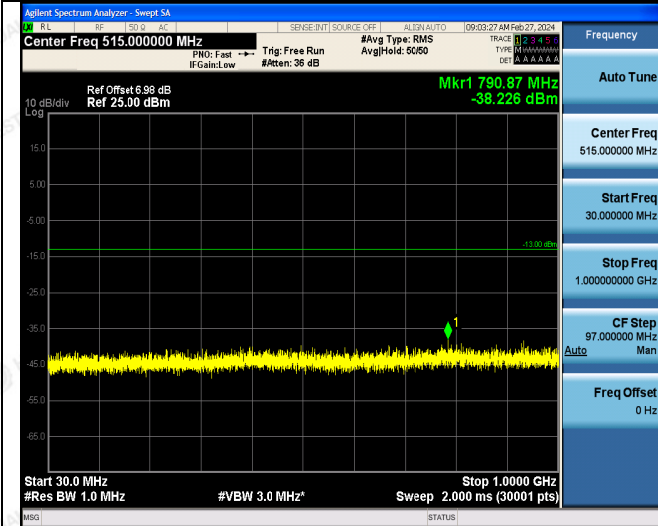


12GHz~26.5GHz  
1RB#0

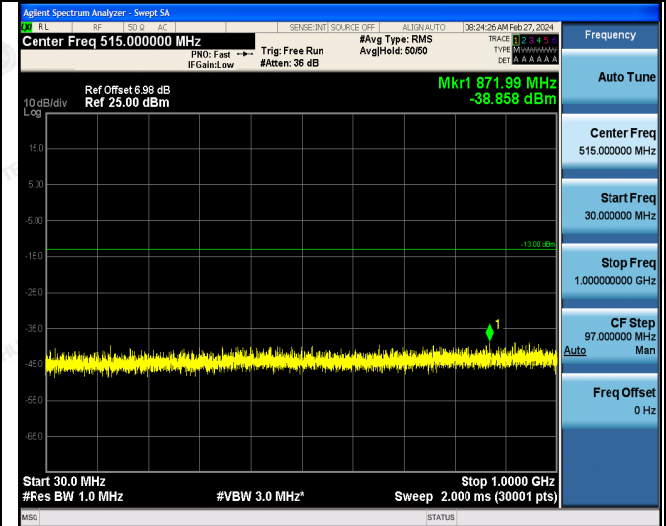
LTE FDD Band 66-5MHz Channel Bandwidth  
Middle Channel

QPSK

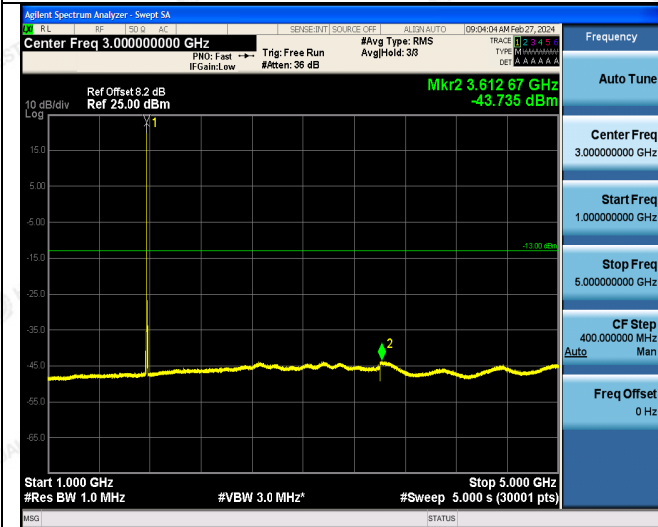
16QAM



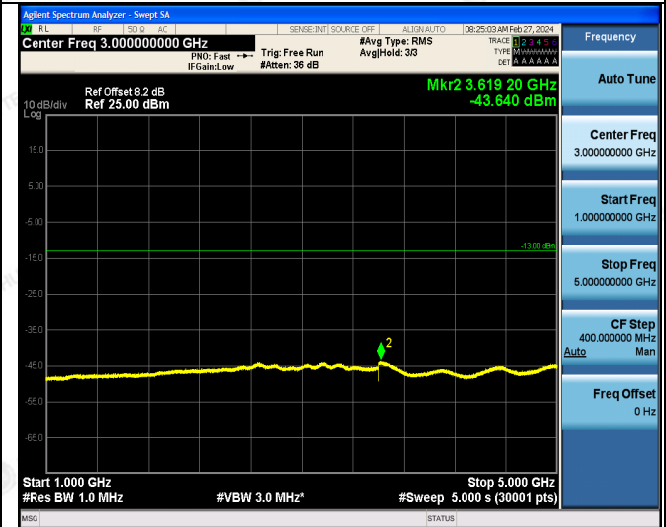
30MHz~1GHz



30MHz~1GHz



1GHz~5GHz

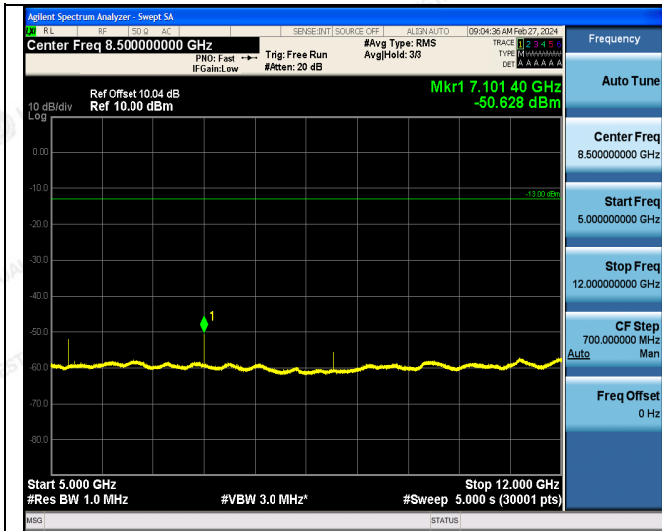


1GHz~5GHz

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAKE, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.cer-mark.com>.

TEL : +86-755 2302 9901 FAX : +86-755 2302 9901 E-mail : service@cer-mark.com

Add: 1-2F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China



5GHz~12GHz



5GHz~12GHz



12GHz~26.5GHz

1RB#0



12GHz~26.5GHz

1RB#0

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAJ, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.cer-mark.com>.

TEL : +86-755 2302 9901 FAX : +86-755 2302 9901 E-mail : service@cer-mark.com

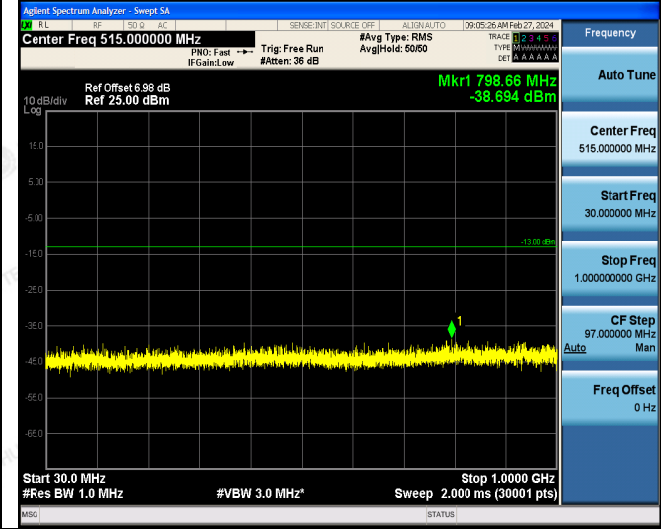
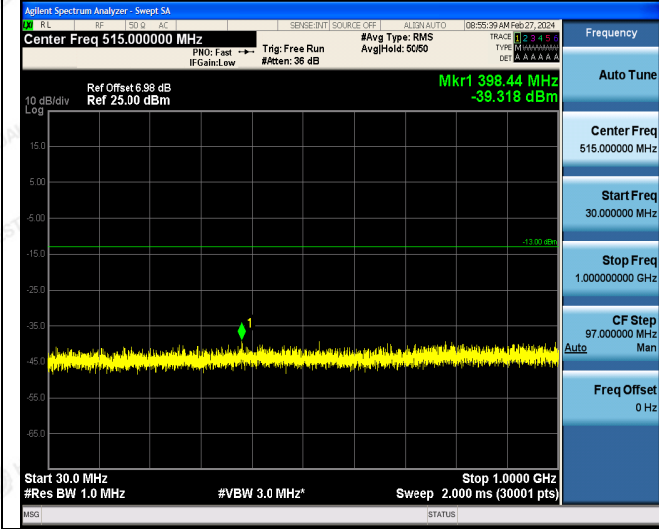
Add: 1-2F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China



LTE FDD Band 66-5MHz Channel Bandwidth High Channel

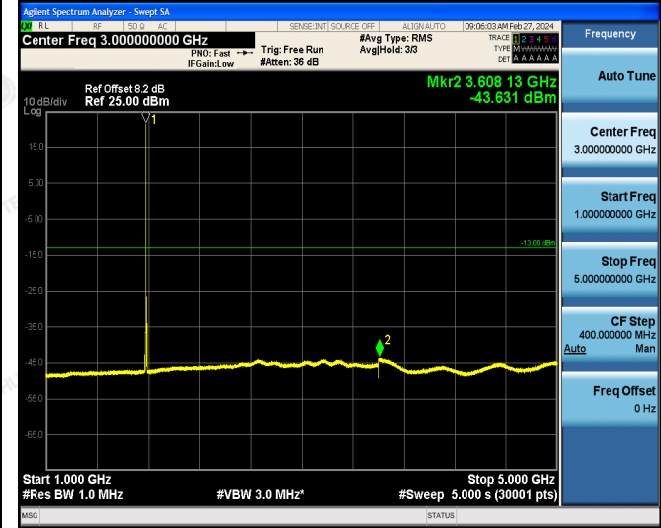
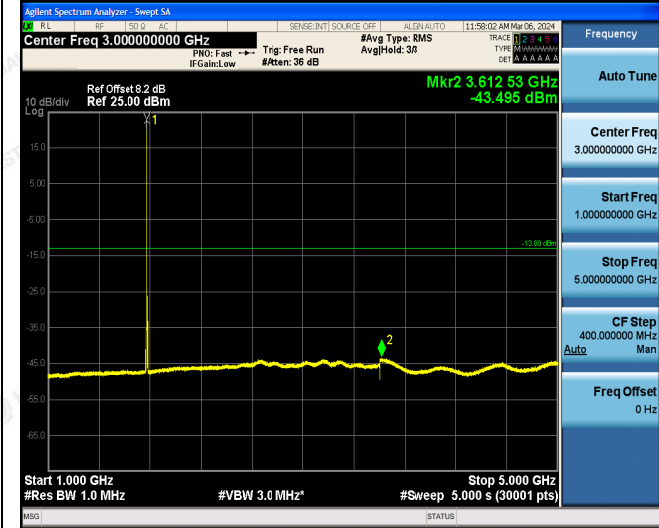
QPSK

16QAM



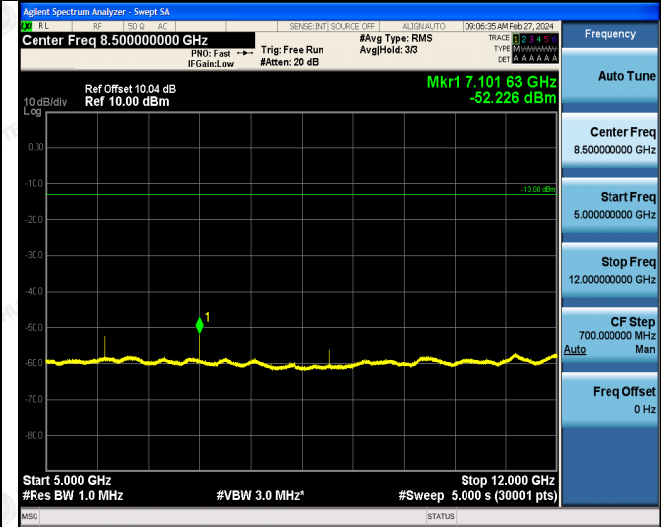
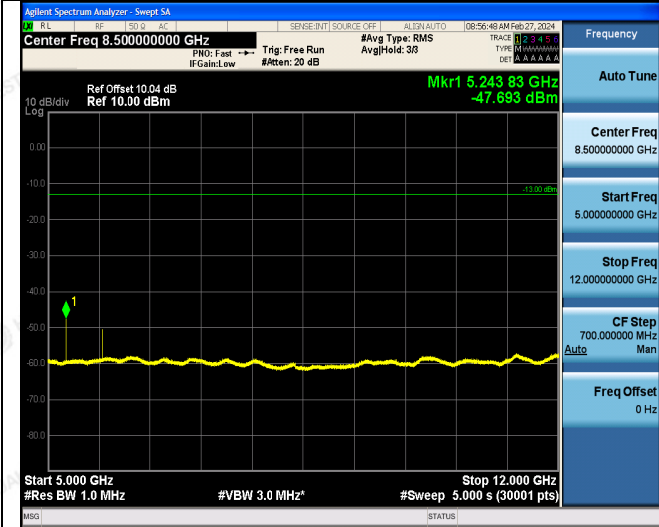
30MHz~1GHz

30MHz~1GHz



1GHz~5GHz

1GHz~5GHz



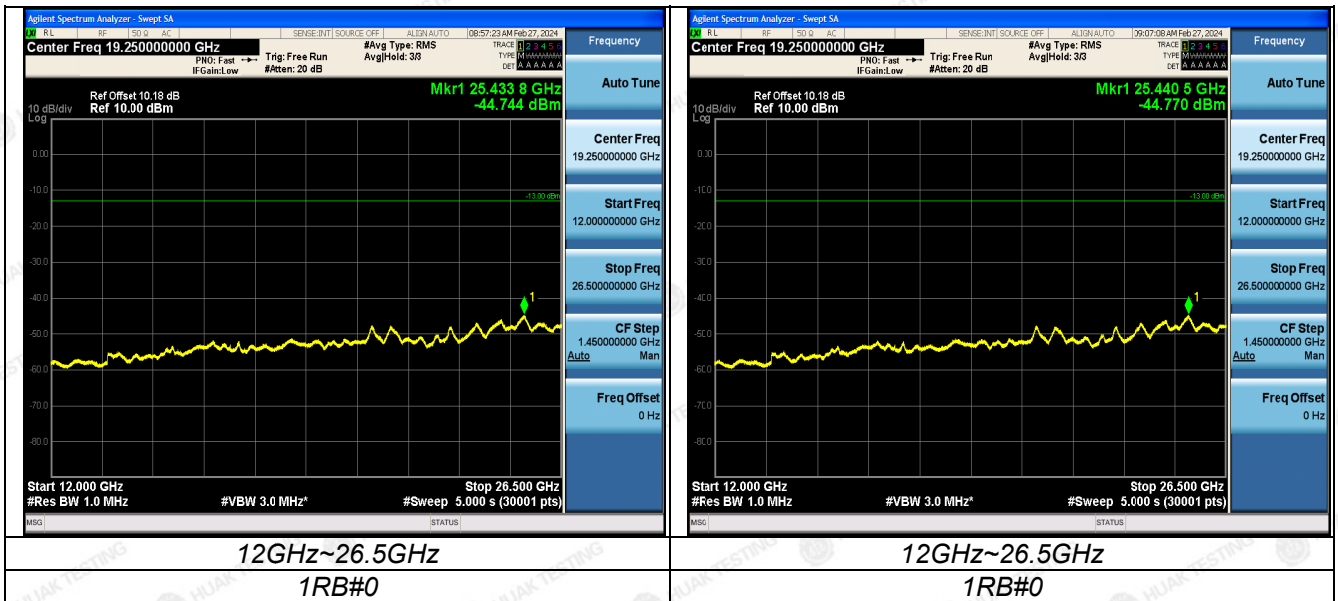
5GHz~12GHz

5GHz~12GHz

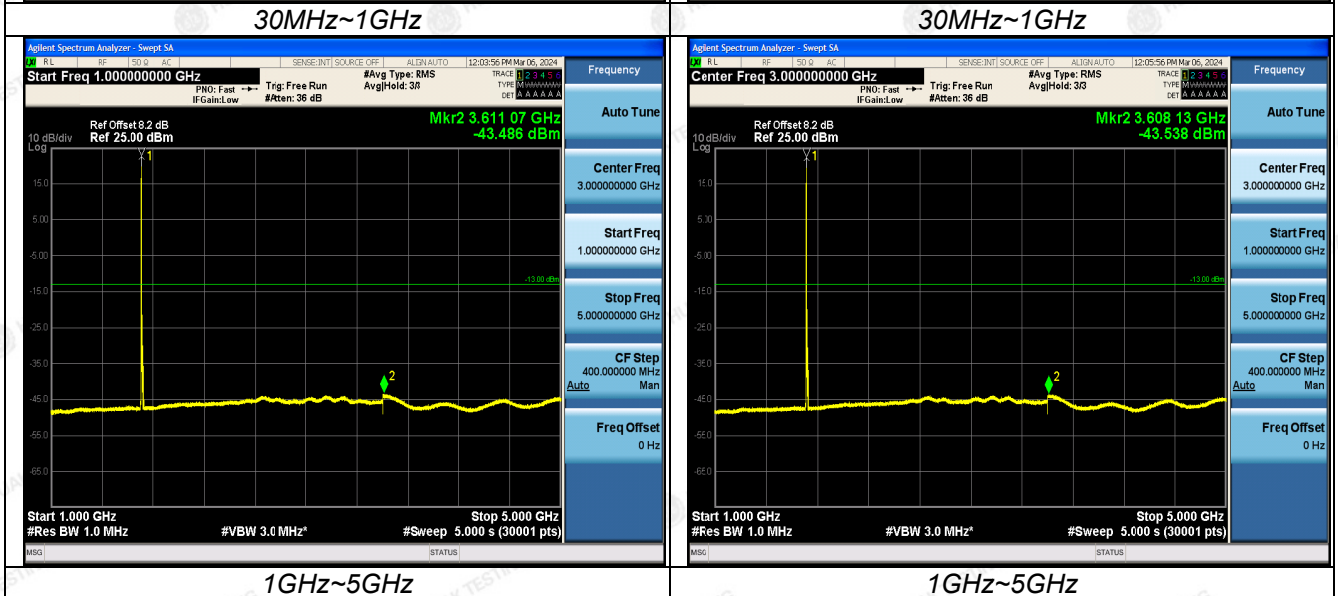
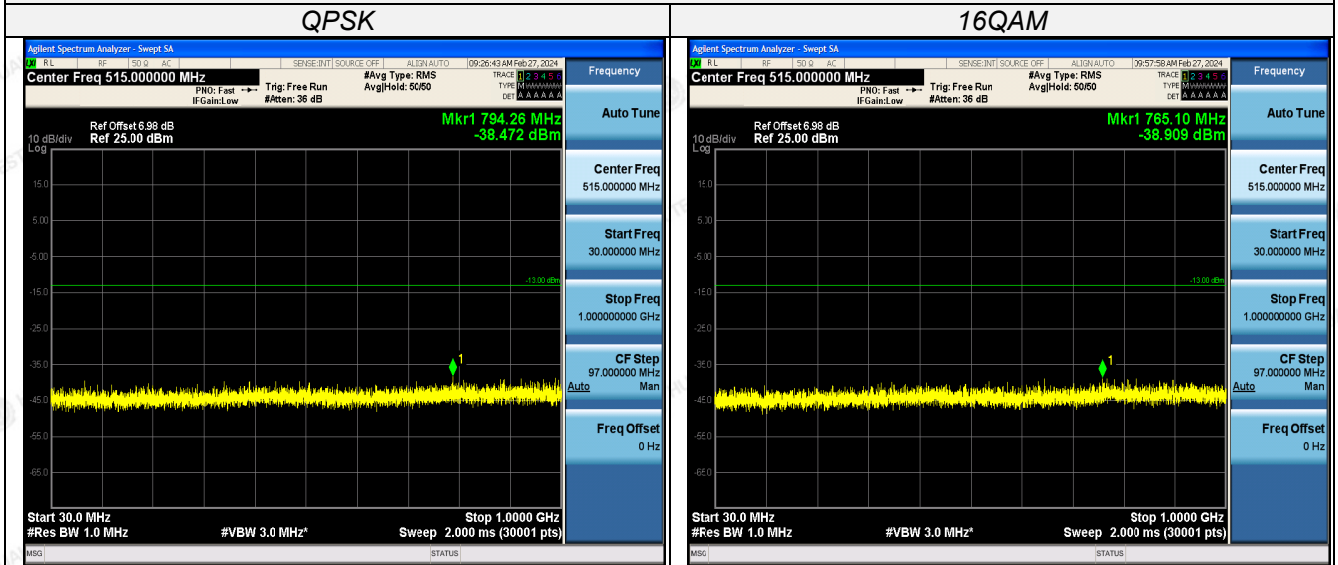
The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAKE, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.cer-mark.com>.

TEL : +86-755 2302 9901 FAX : +86-755 2302 9901 E-mail : service@cer-mark.com

Add: 1-2F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China



LTE FDD Band 66-10MHz Channel Bandwidth  
Low Channel



The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.cer-mark.com>.

TEL : +86-755 2302 9901 FAX : +86-755 2302 9901 E-mail : service@cer-mark.com

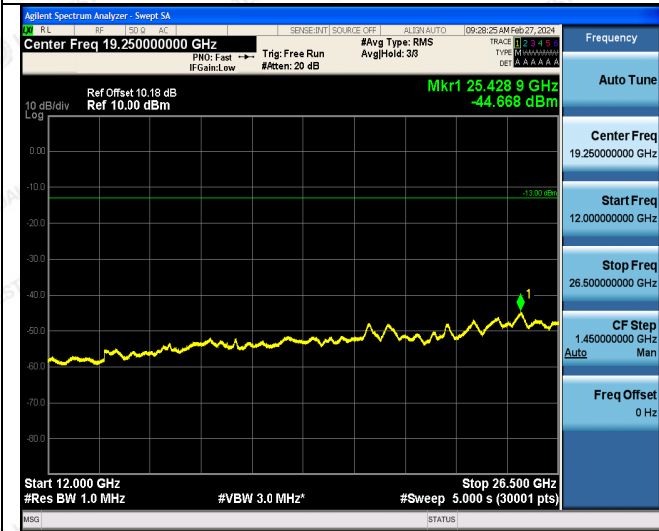
Add: 1-2F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China



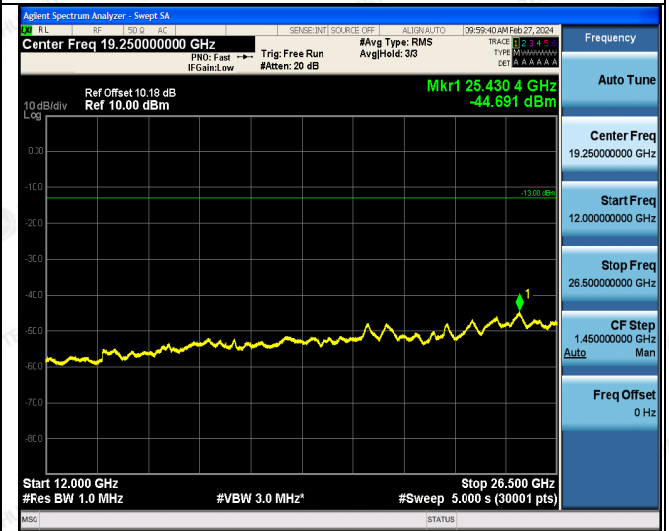
5GHz~12GHz



5GHz~12GHz



12GHz~26.5GHz  
1RB#0

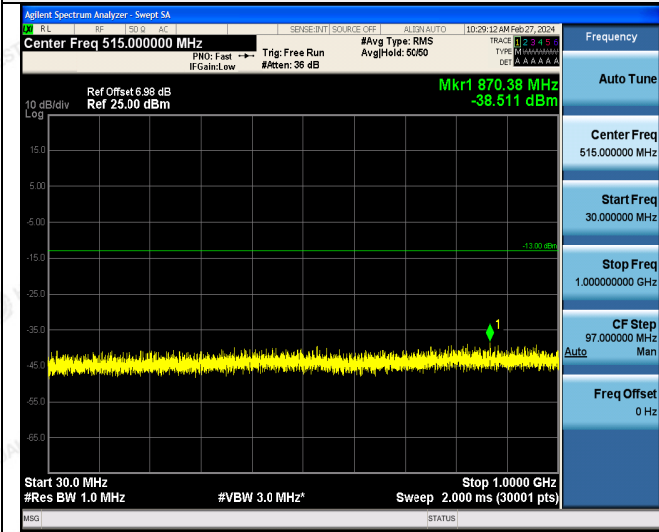


12GHz~26.5GHz  
1RB#0

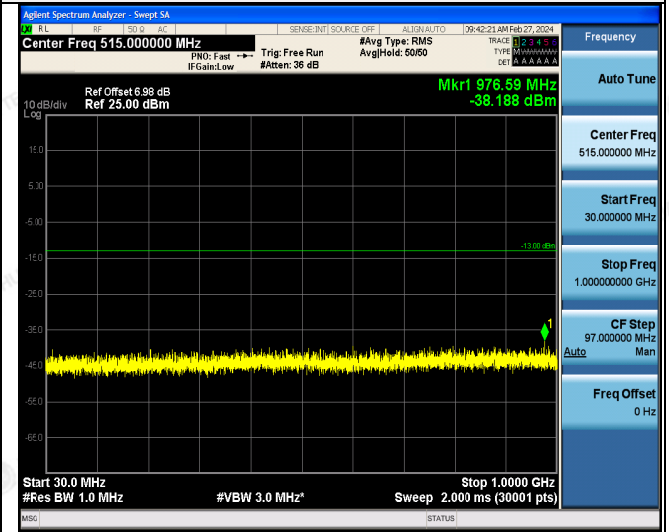
LTE FDD Band 66-10MHz Channel Bandwidth  
Middle Channel

QPSK

16QAM



30MHz~1GHz

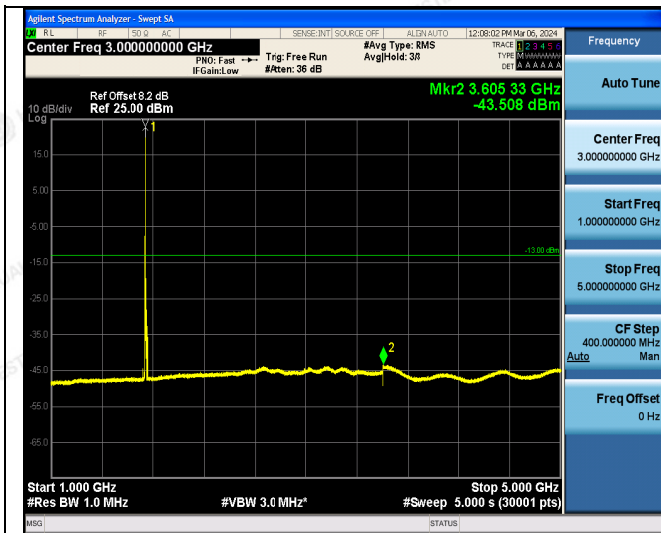


30MHz~1GHz

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAKE, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.cer-mark.com>.

TEL : +86-755 2302 9901 FAX : +86-755 2302 9901 E-mail : service@cer-mark.com

Add: 1-2F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China



1GHz~5GHz



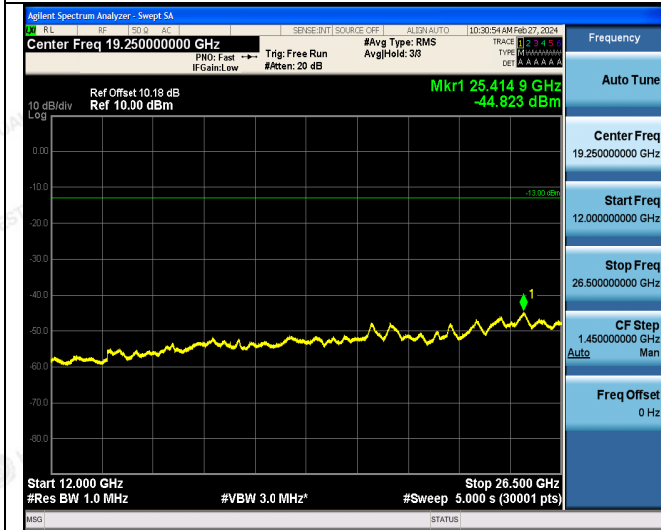
1GHz~5GHz



5GHz~12GHz

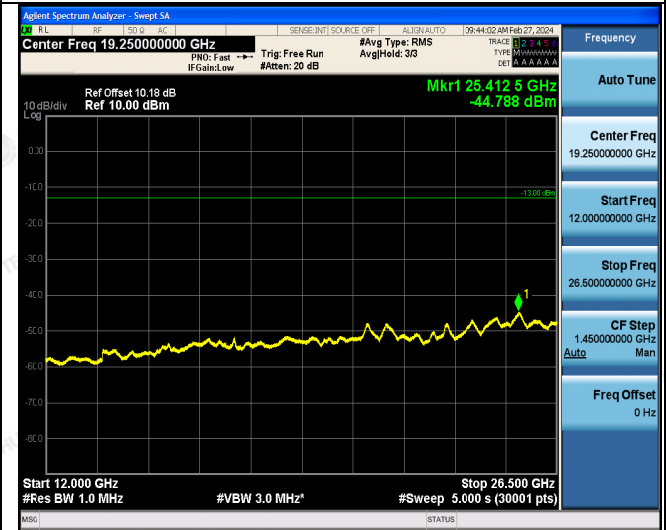


5GHz~12GHz



12GHz~26.5GHz

1RB#0



12GHz~26.5GHz

1RB#0

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAJ, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.cer-mark.com>.

TEL : +86-755 2302 9901 FAX : +86-755 2302 9901 E-mail : service@cer-mark.com

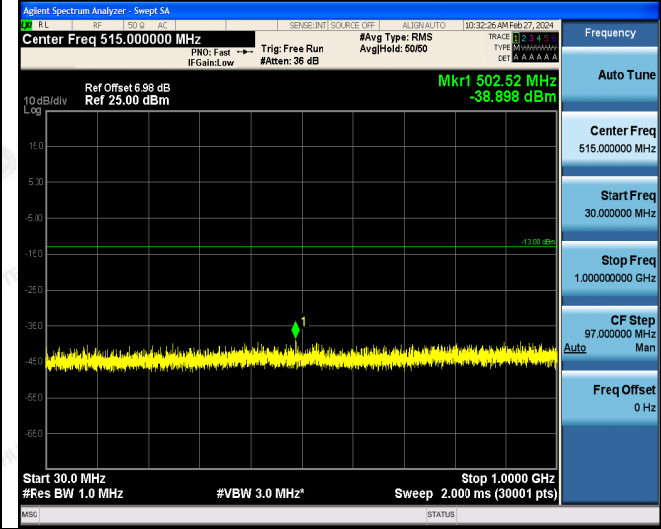
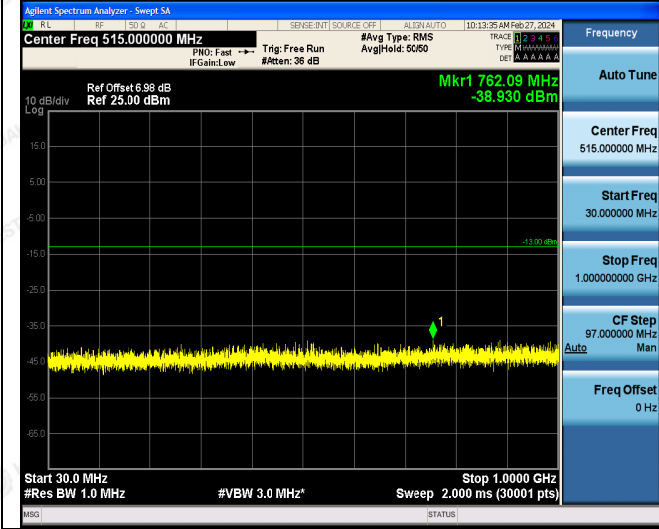
Add: 1-2F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China



LTE FDD Band 66-10MHz Channel Bandwidth  
High Channel

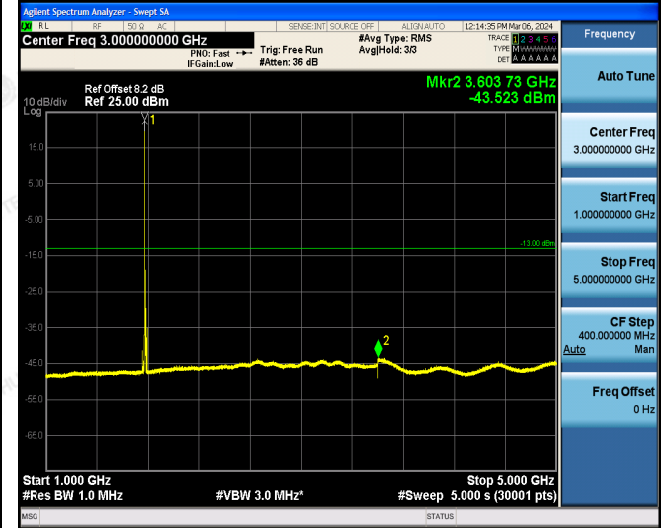
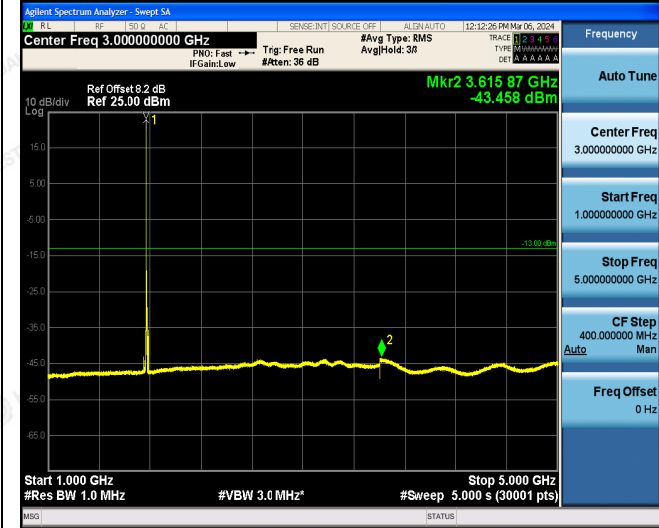
QPSK

16QAM



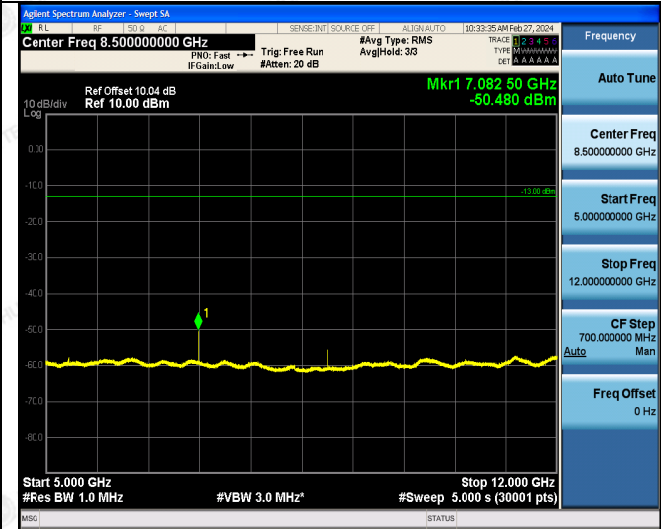
30MHz~1GHz

30MHz~1GHz



1GHz~5GHz

1GHz~5GHz



5GHz~12GHz

5GHz~12GHz

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAJ, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.cer-mark.com>.

TEL : +86-755 2302 9901 FAX : +86-755 2302 9901 E-mail : service@cer-mark.com

Add: 1-2F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China





12GHz~26.5GHz  
1RB#0

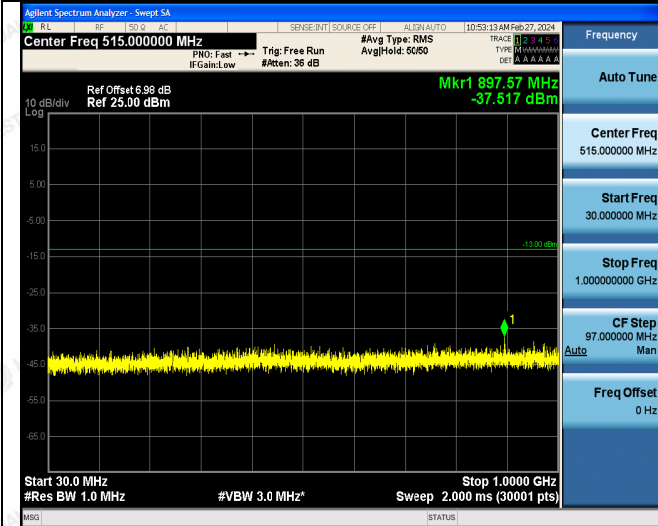


12GHz~26.5GHz  
1RB#0

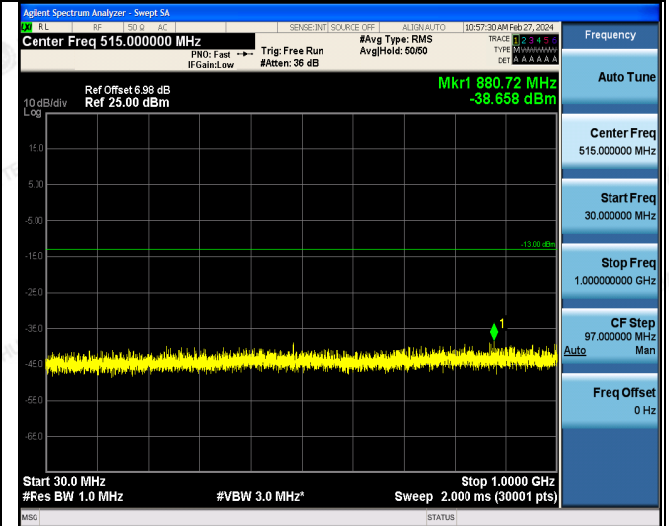
LTE FDD Band 66-15MHz Channel Bandwidth  
Low Channel

QPSK

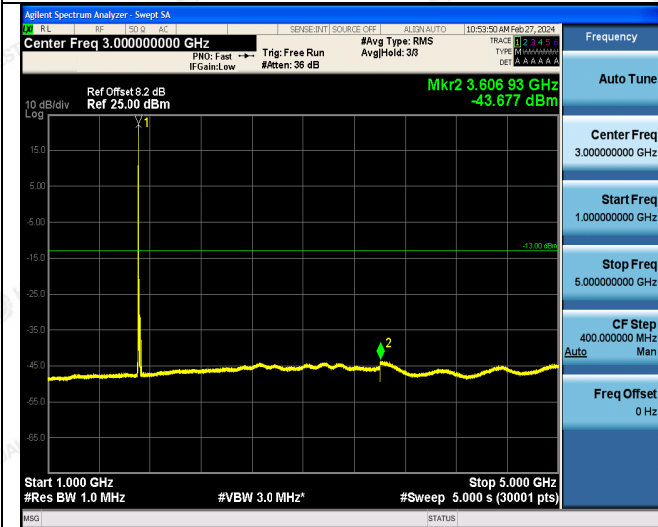
16QAM



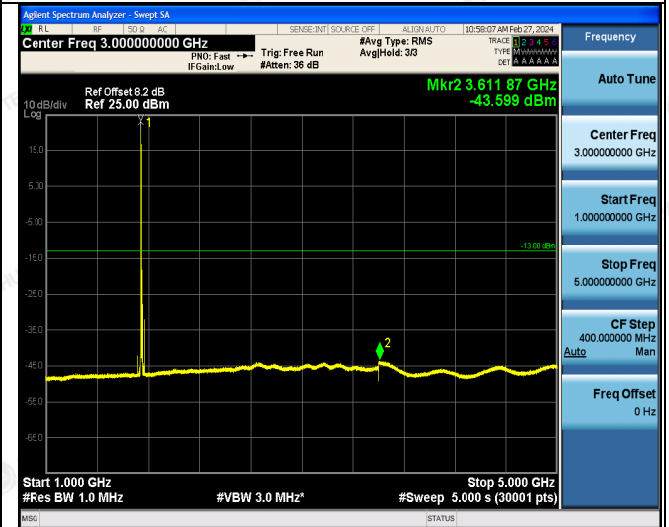
30MHz~1GHz



30MHz~1GHz



1GHz~5GHz



1GHz~5GHz

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.cer-mark.com>.

TEL : +86-755 2302 9901 FAX : +86-755 2302 9901 E-mail : service@cer-mark.com

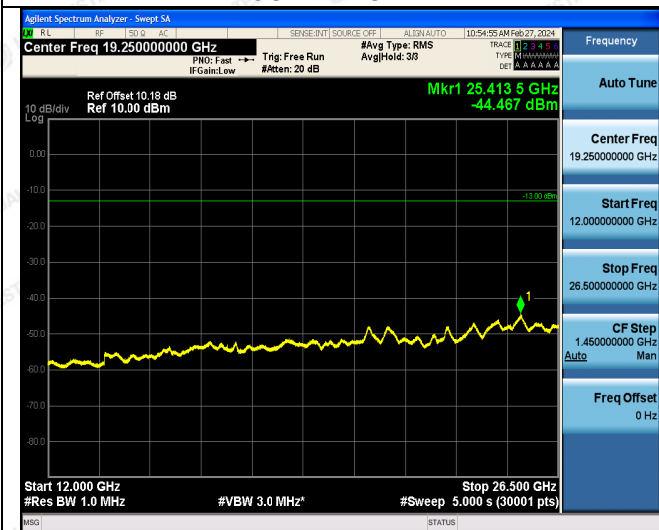
Add: 1-2F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China



5GHz~12GHz



5GHz~12GHz



12GHz~26.5GHz  
1RB#0

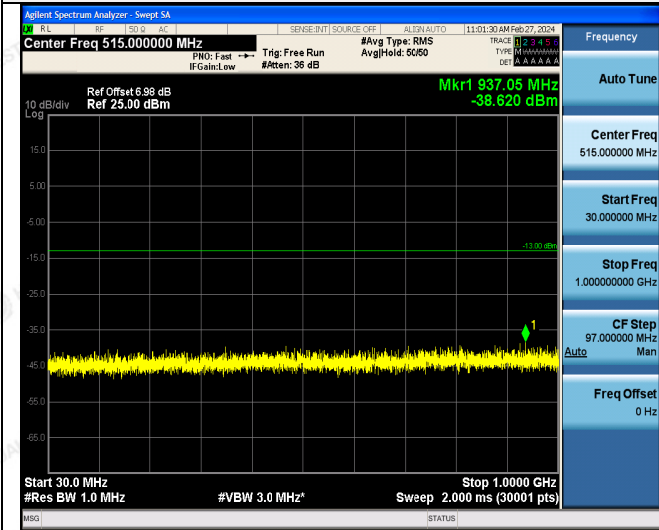


12GHz~26.5GHz  
1RB#0

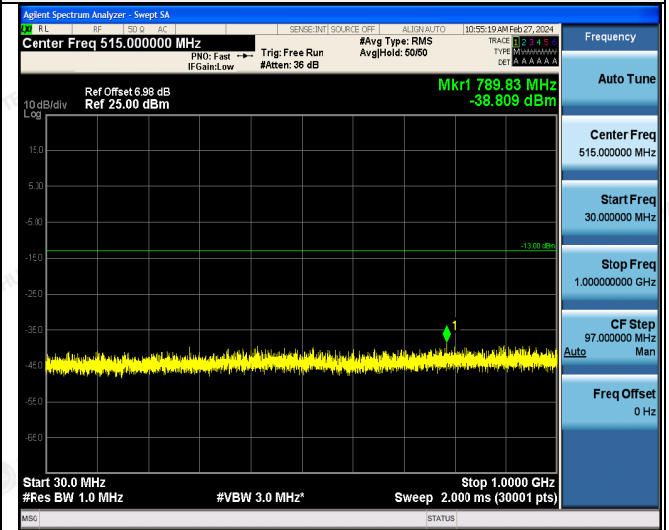
LTE FDD Band 66-15MHz Channel Bandwidth  
Middle Channel

QPSK

16QAM



30MHz~1GHz

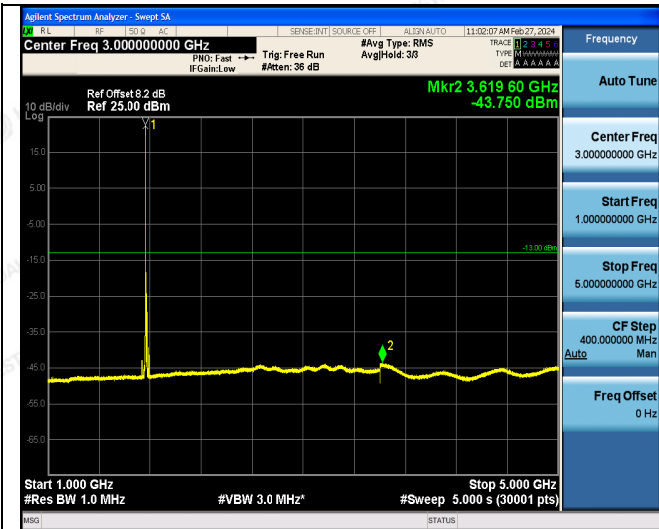


30MHz~1GHz

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAKE, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.cer-mark.com>.

TEL : +86-755 2302 9901 FAX : +86-755 2302 9901 E-mail : service@cer-mark.com

Add: 1-2F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China



1GHz~5GHz



1GHz~5GHz



5GHz~12GHz

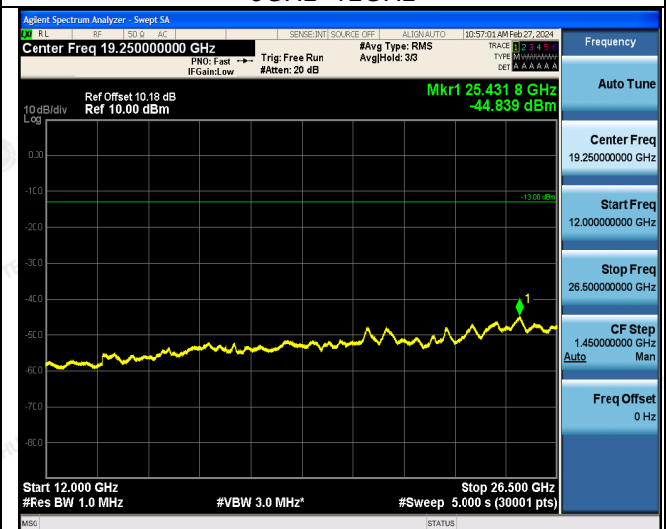


5GHz~12GHz



12GHz~26.5GHz

1RB#0



12GHz~26.5GHz

1RB#0

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAKE, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.cer-mark.com>.

TEL : +86-755 2302 9901 FAX : +86-755 2302 9901 E-mail : service@cer-mark.com

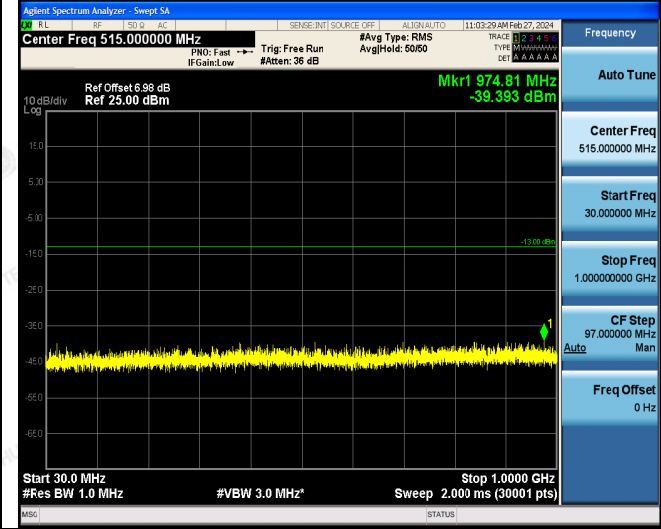
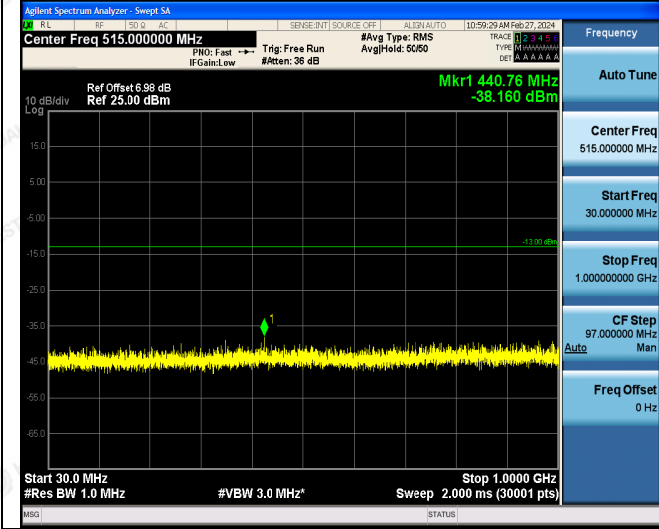
Add: 1-2F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China



LTE FDD Band 66-15MHz Channel Bandwidth High Channel

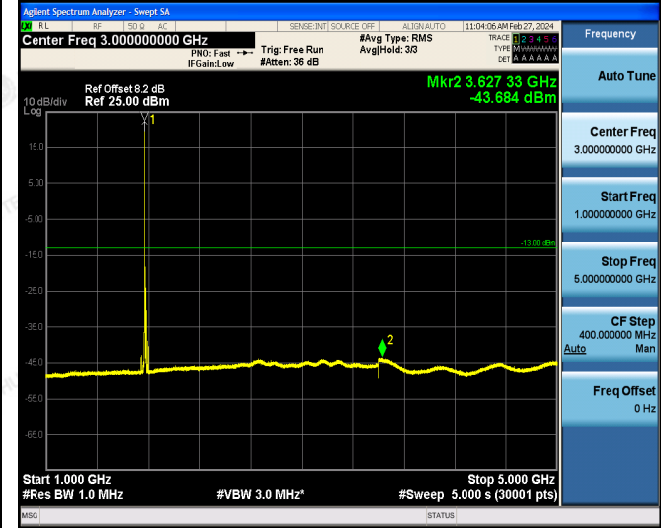
QPSK

16QAM



30MHz~1GHz

30MHz~1GHz



1GHz~5GHz

1GHz~5GHz



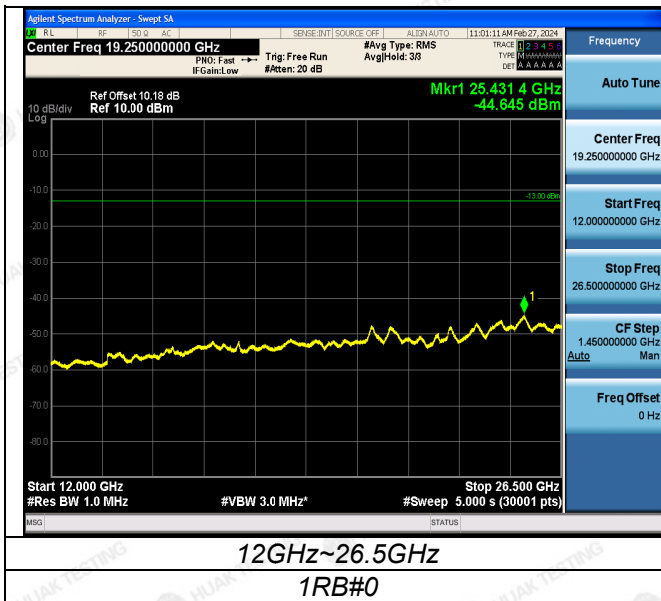
5GHz~12GHz

5GHz~12GHz

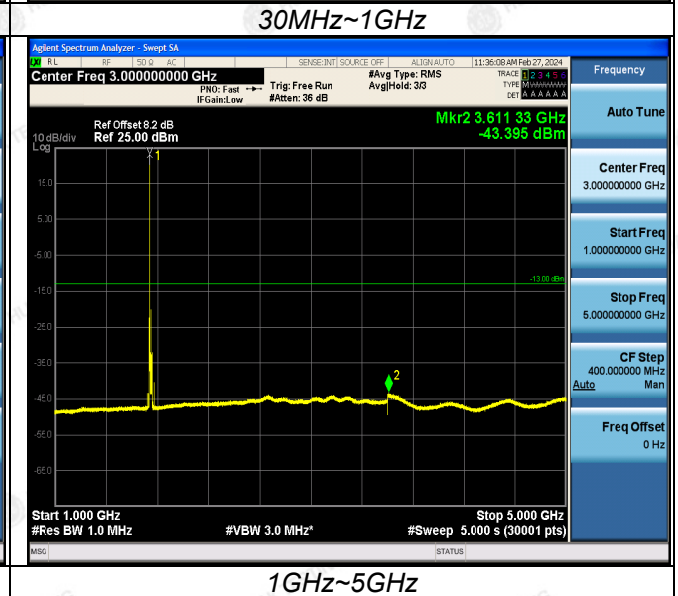
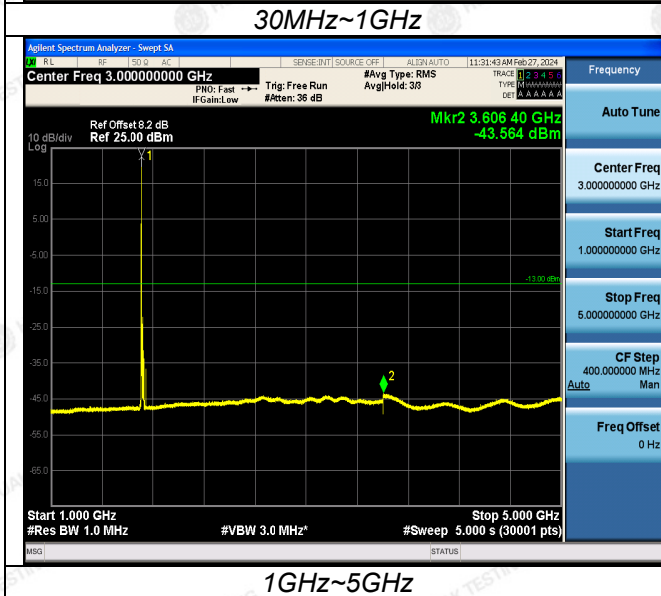
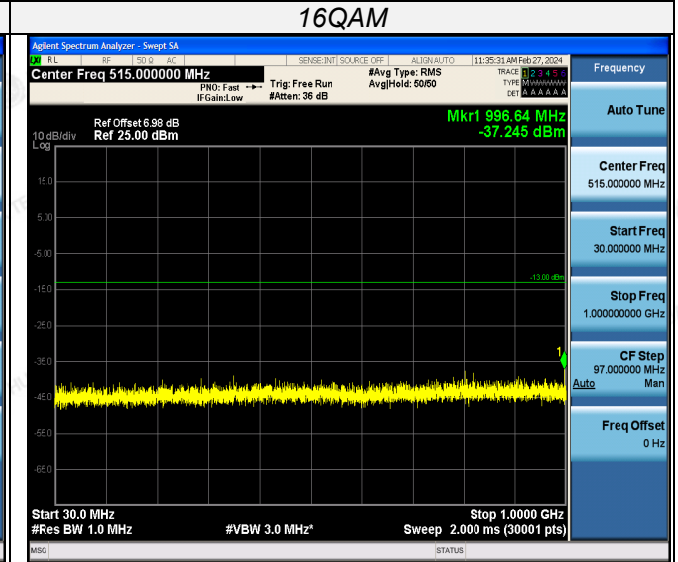
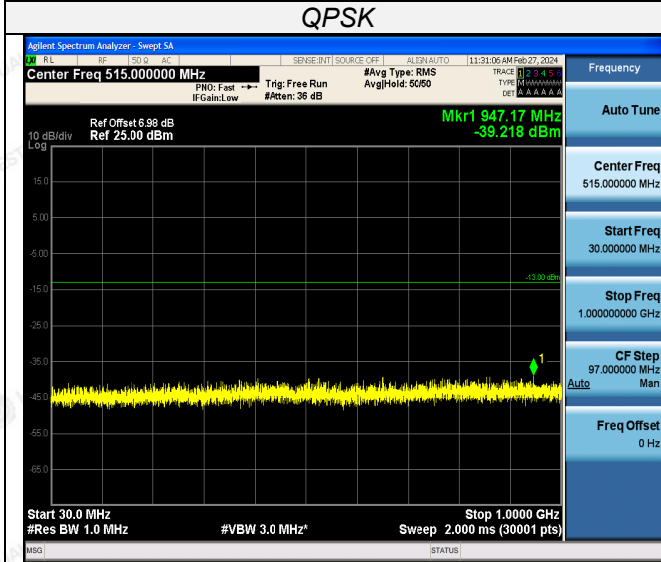
The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAJ, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.cer-mark.com>.

TEL : +86-755 2302 9901 FAX : +86-755 2302 9901 E-mail : service@cer-mark.com

Add: 1-2F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China



LTE FDD Band 66-20MHz Channel Bandwidth  
Low Channel



The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.cer-mark.com>.

TEL : +86-755 2302 9901 FAX : +86-755 2302 9901 E-mail : service@cer-mark.com

Add: 1-2F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China



5GHz~12GHz

5GHz~12GHz



12GHz~26.5GHz

12GHz~26.5GHz

1RB#0

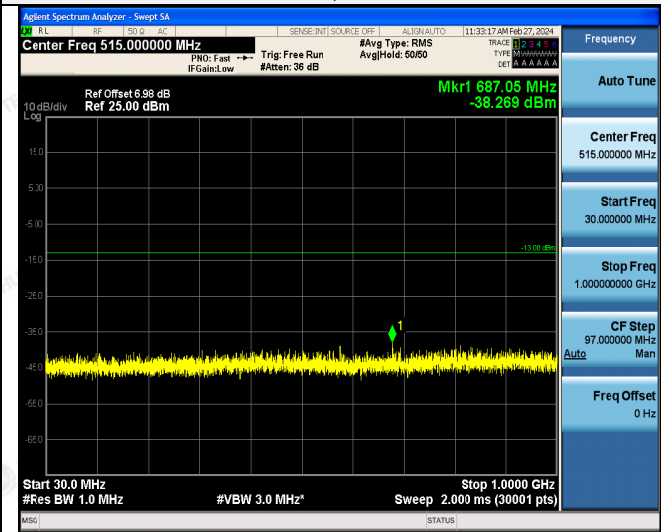
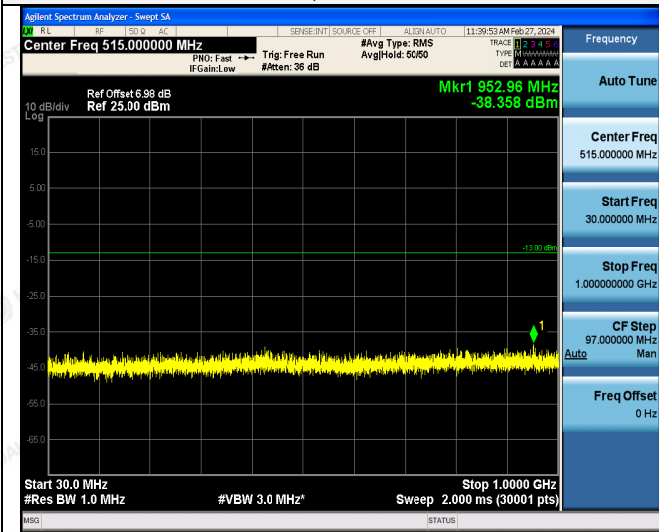
1RB#0

LTE FDD Band 66-20MHz Channel Bandwidth

Middle Channel

QPSK

16QAM



30MHz~1GHz

30MHz~1GHz

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAKE, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.cer-mark.com>.

TEL : +86-755 2302 9901 FAX : +86-755 2302 9901 E-mail : service@cer-mark.com

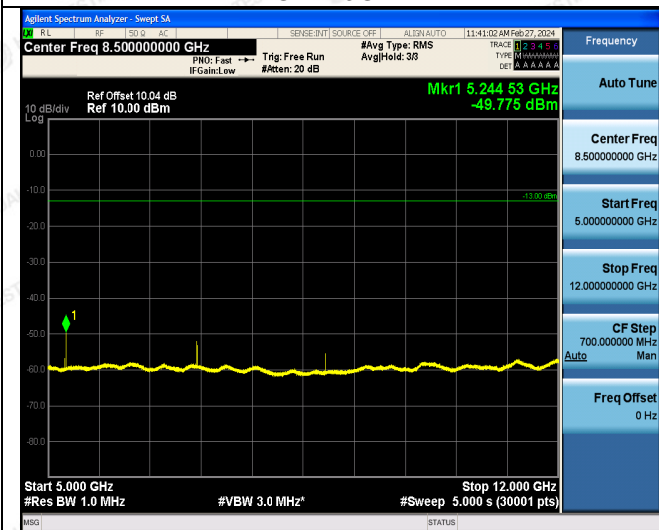
Add: 1-2F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China



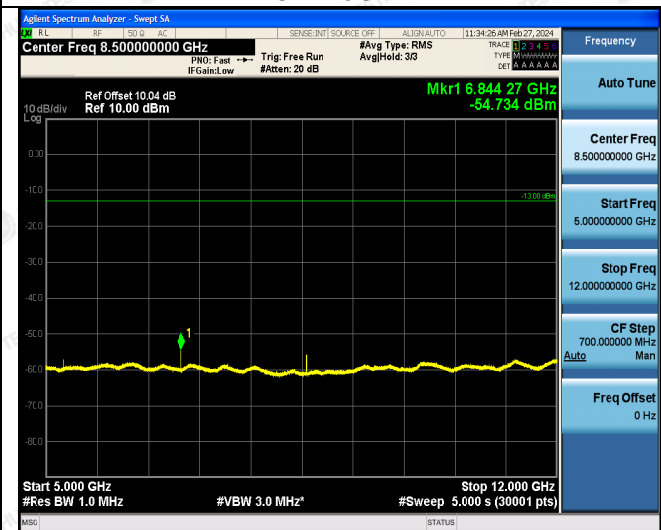
1GHz~5GHz



1GHz~5GHz



5GHz~12GHz



5GHz~12GHz



12GHz~26.5GHz

1RB#0



12GHz~26.5GHz

1RB#0

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAKE, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.cer-mark.com>.

TEL : +86-755 2302 9901 FAX : +86-755 2302 9901 E-mail : service@cer-mark.com

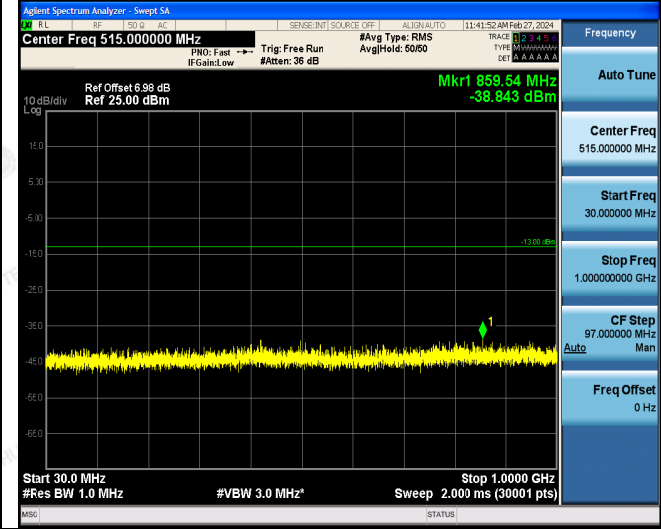
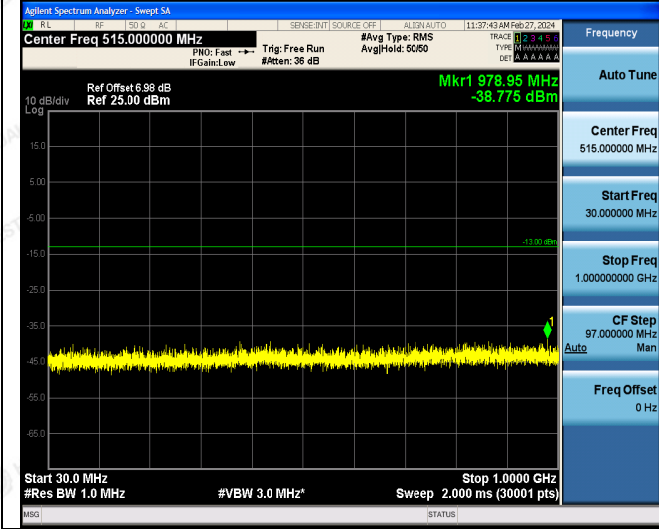
Add: 1-2F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China



LTE FDD Band 66-20MHz Channel Bandwidth High Channel

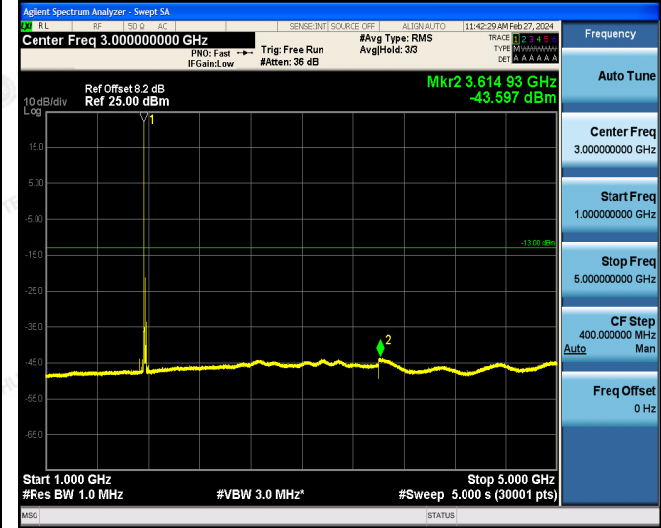
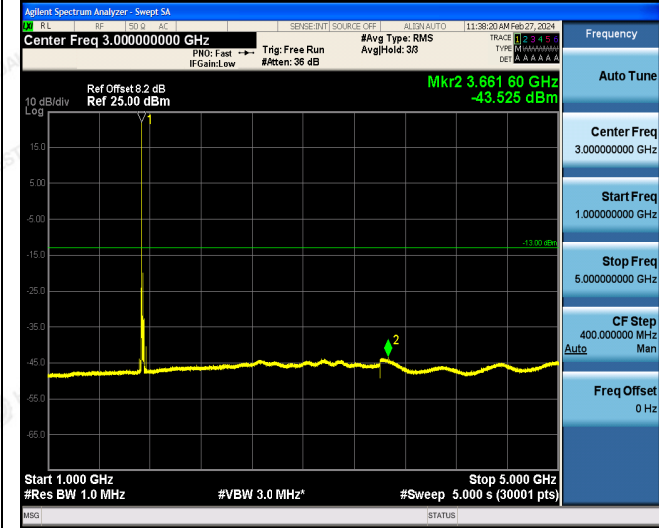
QPSK

16QAM



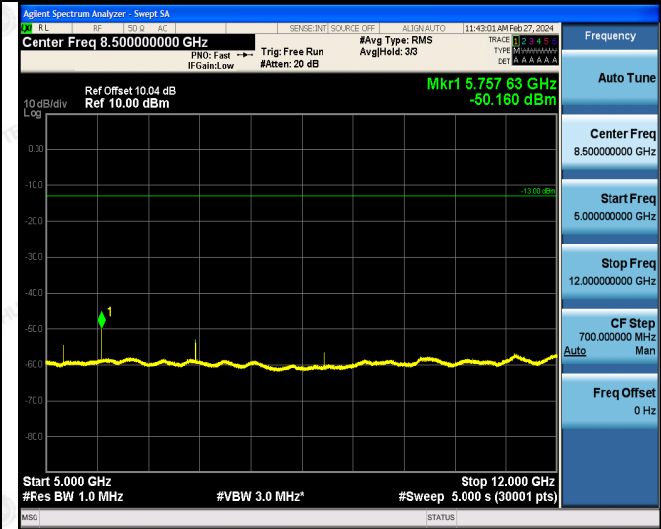
30MHz~1GHz

30MHz~1GHz



1GHz~5GHz

1GHz~5GHz



5GHz~12GHz

5GHz~12GHz

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAKE, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

TEL : +86-755 2302 9901 FAX : +86-755 2302 9901 E-mail : service@cer-mark.com

Add: 1-2F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China





The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAKE, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.cer-mark.com>.

TEL : +86-755 2302 9901 FAX : +86-755 2302 9901 E-mail : service@cer-mark.com

Add: 1-2F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China



Radiated Measurement:

Remark:

- 1. We were tested all RB Configuration refer 3GPP TS136 521 for each Channel Bandwidth of LTE FDD Band 66; recorded worst case for each Channel Bandwidth of LTE FDD Band 66.
- 2.  $EIRP = P_{Mea}(dBm) - P_{cl}(dB) + G_a(dBi)$
- 3. We were not recorded other points as values lower than limits.
- 4.  $Margin = Limit - EIRP$

LTE FDD Band 66\_Channel Bandwidth 1.4MHz\_QPSK\_Low Channel

Frequency (MHz)	PMea (dBm)	Pcl (dB)	Diatance	Ga Antenna Gain(dB)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3421.4	-44.73	4.02	3	12.5	-36.25	-13.00	23.25	H
5132.1	-51.95	5.11	3	13.38	-43.68	-13.00	30.68	H
3421.4	-53.75	4.02	3	12.5	-45.27	-13.00	32.27	V
5132.1	-50.03	5.11	3	13.38	-41.76	-13.00	28.76	V

LTE FDD Band 66\_Channel Bandwidth 1.4MHz\_QPSK\_Middle Channel

Frequency (MHz)	PMea (dBm)	Pcl (dB)	Diatance	Ga Antenna Gain(dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3490	-44.26	4.02	3	12.5	-35.78	-13.00	22.78	H
5235	-50.05	5.11	3	13.38	-41.78	-13.00	28.78	H
3490	-50.95	4.02	3	12.5	-42.47	-13.00	29.47	V
5235	-50.67	5.11	3	13.38	-42.4	-13.00	29.4	V

LTE FDD Band 66\_Channel Bandwidth 1.4MHz\_QPSK\_High Channel

Frequency (MHz)	PMea (dBm)	Pcl (dB)	Diatance	Ga Antenna Gain(dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3558.6	-45.41	4.02	3	12.5	-36.93	-13.00	23.93	H
5337.9	-48.11	5.11	3	13.38	-39.84	-13.00	26.84	H
3558.6	-51.23	4.02	3	12.5	-42.75	-13.00	29.75	V
5337.9	-50.83	5.11	3	13.38	-42.56	-13.00	29.56	V

LTE FDD Band 66\_Channel Bandwidth 3MHz\_QPSK\_Low Channel

Frequency (MHz)	PMea (dBm)	Pcl (dB)	Diatance	Ga Antenna Gain(dB)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3423.0	-46.46	4.02	3	12.5	-37.98	-13.00	24.98	H
5134.5	-51.65	5.11	3	13.38	-43.38	-13.00	30.38	H
3423.0	-50.04	4.02	3	12.5	-41.56	-13.00	28.56	V
5134.5	-48.55	5.11	3	13.38	-40.28	-13.00	27.28	V

LTE FDD Band 66\_Channel Bandwidth 3MHz\_QPSK\_Middle Channel

Frequency (MHz)	PMea (dBm)	Pcl (dB)	Diatance	Ga Antenna Gain(dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3490	-45.67	4.02	3	12.5	-37.19	-13.00	24.19	H
5235	-49.01	5.11	3	13.38	-40.74	-13.00	27.74	H
3490	-50.39	4.02	3	12.5	-41.91	-13.00	28.91	V
5235	-51.43	5.11	3	13.38	-43.16	-13.00	30.16	V



LTE FDD Band 66 Channel Bandwidth 3MHz\_QPSK\_High Channel

Frequency (MHz)	PMea (dBm)	Pcl (dB)	Diatance	Ga Antenna Gain(dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3557	-42.66	4.02	3	12.5	-34.18	-13.00	21.18	H
5335.5	-46.81	5.11	3	13.38	-38.54	-13.00	25.54	H
3557	-49.8	4.02	3	12.5	-41.32	-13.00	28.32	V
5335.5	-49.11	5.11	3	13.38	-40.84	-13.00	27.84	V

LTE FDD Band 66 Channel Bandwidth 5MHz\_QPSK\_Low Channel

Frequency (MHz)	PMea (dBm)	Pcl (dB)	Diatance	Ga Antenna Gain(dB)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3425.0	-47.7	4.02	3	12.5	-39.22	-13.00	26.22	H
5137.5	-54.01	5.11	3	13.38	-45.74	-13.00	32.74	H
3425.0	-55.25	4.02	3	12.5	-46.77	-13.00	33.77	V
5137.5	-50.57	5.11	3	13.38	-42.3	-13.00	29.3	V

LTE FDD Band 66 Channel Bandwidth 5MHz\_QPSK\_Middle Channel

Frequency (MHz)	PMea (dBm)	Pcl (dB)	Diatance	Ga Antenna Gain(dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3490	-46.47	4.02	3	12.5	-37.99	-13.00	24.99	H
5235	-49.91	5.11	3	13.38	-41.64	-13.00	28.64	H
3490	-50.34	4.02	3	12.5	-41.86	-13.00	28.86	V
5235	-48.55	5.11	3	13.38	-40.28	-13.00	27.28	V

LTE FDD Band 66 Channel Bandwidth 5MHz\_QPSK\_High Channel

Frequency (MHz)	PMea (dBm)	Pcl (dB)	Diatance	Ga Antenna Gain(dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3555	-47.82	4.02	3	12.5	-39.34	-13.00	26.34	H
5332.5	-48.2	5.11	3	13.38	-39.93	-13.00	26.93	H
3555	-48.64	4.02	3	12.5	-40.16	-13.00	27.16	V
5332.5	-52.71	5.11	3	13.38	-44.44	-13.00	31.44	V

LTE FDD Band 66 Channel Bandwidth 10MHz\_QPSK\_Low Channel

Frequency (MHz)	PMea (dBm)	Pcl (dB)	Diatance	Ga Antenna Gain(dB)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3430.0	-45.53	4.02	3	12.5	-37.05	-13.00	24.05	H
5145.0	-48.03	5.11	3	13.38	-39.76	-13.00	26.76	H
3430.0	-50.06	4.02	3	12.5	-41.58	-13.00	28.58	V
5145.0	-50.04	5.11	3	13.38	-41.77	-13.00	28.77	V

LTE FDD Band 66 Channel Bandwidth 10MHz\_QPSK\_Middle Channel

Frequency (MHz)	PMea (dBm)	Pcl (dB)	Diatance	Ga Antenna Gain(dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3490	-47.99	4.02	3	12.5	-39.51	-13.00	26.51	H
5235	-49.06	5.11	3	13.38	-40.79	-13.00	27.79	H
3490	-52.55	4.02	3	12.5	-44.07	-13.00	31.07	V
5235	-50.16	5.11	3	13.38	-41.89	-13.00	28.89	V

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAKE, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.cer-mark.com>.

TEL : +86-755 2302 9901 FAX : +86-755 2302 9901 E-mail : service@cer-mark.com

Add: 1-2F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China



LTE FDD Band 66\_Channel Bandwidth 10MHz\_QPSK\_High Channel

Frequency (MHz)	PMea (dBm)	Pcl (dB)	Diatance	Ga Antenna Gain(dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3550	-46.76	4.02	3	12.5	-38.28	-13.00	25.28	H
5325	-46.78	5.11	3	13.38	-38.51	-13.00	25.51	H
3550	-51.74	4.02	3	12.5	-43.26	-13.00	30.26	V
5325	-51.06	5.11	3	13.38	-42.79	-13.00	29.79	V

LTE FDD Band 66\_Channel Bandwidth 15MHz\_QPSK\_Low Channel

Frequency (MHz)	PMea (dBm)	Pcl (dB)	Diatance	Ga Antenna Gain(dB)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3435.0	-46.59	4.02	3	12.5	-38.11	-13.00	25.11	H
5152.5	-49.44	5.11	3	13.38	-41.17	-13.00	28.17	H
3435.0	-50.18	4.02	3	12.5	-41.7	-13.00	28.7	V
5152.5	-51.24	5.11	3	13.38	-42.97	-13.00	29.97	V

LTE FDD Band 66\_Channel Bandwidth 15MHz\_QPSK\_Middle Channel

Frequency (MHz)	PMea (dBm)	Pcl (dB)	Diatance	Ga Antenna Gain(dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3490	-47.28	4.02	3	12.5	-38.8	-13.00	25.8	H
5235	-49.16	5.11	3	13.38	-40.89	-13.00	27.89	H
3490	-54.11	4.02	3	12.5	-45.63	-13.00	32.63	V
5235	-48.24	5.11	3	13.38	-39.97	-13.00	26.97	V

LTE FDD Band 66\_Channel Bandwidth 15MHz\_QPSK\_High Channel

Frequency (MHz)	PMea (dBm)	Pcl (dB)	Diatance	Ga Antenna Gain(dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3545	-44.56	4.02	3	12.5	-36.08	-13.00	23.08	H
5317.5	-47.99	5.11	3	13.38	-39.72	-13.00	26.72	H
3545	-49.43	4.02	3	12.5	-40.95	-13.00	27.95	V
5317.5	-50.72	5.11	3	13.38	-42.45	-13.00	29.45	V

LTE FDD Band 66\_Channel Bandwidth 20MHz\_QPSK\_Low Channel

Frequency (MHz)	PMea (dBm)	Pcl (dB)	Diatance	Ga Antenna Gain(dB)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3440.0	-48.02	4.02	3	12.5	-39.54	-13.00	26.54	H
5160.0	-54.01	5.11	3	13.38	-45.74	-13.00	32.74	H
3440.0	-55.13	4.02	3	12.5	-46.65	-13.00	33.65	V
5160.0	-50.37	5.11	3	13.38	-42.1	-13.00	29.1	V

LTE FDD Band 66\_Channel Bandwidth 20MHz\_QPSK\_Middle Channel

Frequency (MHz)	PMea (dBm)	Pcl (dB)	Diatance	Ga Antenna Gain(dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3490	-46.24	4.02	3	12.5	-37.76	-13.00	24.76	H
5235	-46.44	5.11	3	13.38	-38.17	-13.00	25.17	H
3490	-52.35	4.02	3	12.5	-43.87	-13.00	30.87	V
5235	-52.34	5.11	3	13.38	-44.07	-13.00	31.07	V

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAKE, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.cer-mark.com>.

TEL : +86-755 2302 9901 FAX : +86-755 2302 9901 E-mail : service@cer-mark.com

Add: 1-2F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China



LTE FDD Band 66\_Channel Bandwidth 20MHz\_QPSK\_High Channel

Frequency (MHz)	PMea (dBm)	Pcl (dB)	Diatance	Ga Antenna Gain(dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3540	-44.89	4.02	3	12.5	-36.41	-13.00	23.41	H
5310	-45.75	5.11	3	13.38	-37.48	-13.00	24.48	H
3540	-49.64	4.02	3	12.5	-41.16	-13.00	28.16	V
5310	-50.12	5.11	3	13.38	-41.85	-13.00	28.85	V

LTE FDD Band 66\_Channel Bandwidth 1.4MHz\_16QAM\_Low Channel

Frequency (MHz)	PMea (dBm)	Pcl (dB)	Diatance	Ga Antenna Gain(dB)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3421.4	-48.02	4.02	3	12.5	-39.54	-13.00	26.54	H
5132.1	-54.82	5.11	3	13.38	-46.55	-13.00	33.55	H
3421.4	-52.9	4.02	3	12.5	-44.42	-13.00	31.42	V
5132.1	-52.51	5.11	3	13.38	-44.24	-13.00	31.24	V

LTE FDD Band 66\_Channel Bandwidth 1.4MHz\_16QAM\_Middle Channel

Frequency (MHz)	PMea (dBm)	Pcl (dB)	Diatance	Ga Antenna Gain(dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3490	-44.49	4.02	3	12.5	-36.01	-13.00	23.01	H
5235	-47.61	5.11	3	13.38	-39.34	-13.00	26.34	H
3490	-52.59	4.02	3	12.5	-44.11	-13.00	31.11	V
5235	-50.85	5.11	3	13.38	-42.58	-13.00	29.58	V

LTE FDD Band 66\_Channel Bandwidth 1.4MHz\_16QAM\_High Channel

Frequency (MHz)	PMea (dBm)	Pcl (dB)	Diatance	Ga Antenna Gain(dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3558.6	-45.76	4.02	3	12.5	-37.28	-13.00	24.28	H
5337.9	-46.08	5.11	3	13.38	-37.81	-13.00	24.81	H
3558.6	-50.72	4.02	3	12.5	-42.24	-13.00	29.24	V
5337.9	-49.43	5.11	3	13.38	-41.16	-13.00	28.16	V

LTE FDD Band 66\_Channel Bandwidth 3MHz\_16QAM\_Low Channel

Frequency (MHz)	PMea (dBm)	Pcl (dB)	Diatance	Ga Antenna Gain(dB)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3423.0	-47.16	4.02	3	12.5	-38.68	-13.00	25.68	H
5134.5	-52.35	5.11	3	13.38	-44.08	-13.00	31.08	H
3423.0	-51.52	4.02	3	12.5	-43.04	-13.00	30.04	V
5134.5	-49.31	5.11	3	13.38	-41.04	-13.00	28.04	V

LTE FDD Band 66\_Channel Bandwidth 3MHz\_16QAM\_Middle Channel

Frequency (MHz)	PMea (dBm)	Pcl (dB)	Diatance	Ga Antenna Gain(dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3490	-45.38	4.02	3	12.5	-36.9	-13.00	23.9	H
5235	-48.79	5.11	3	13.38	-40.52	-13.00	27.52	H
3490	-49.32	4.02	3	12.5	-40.84	-13.00	27.84	V
5235	-49.07	5.11	3	13.38	-40.8	-13.00	27.8	V

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAKE, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.cer-mark.com>.

TEL : +86-755 2302 9901 FAX : +86-755 2302 9901 E-mail : service@cer-mark.com

Add: 1-2F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China



LTE FDD Band 66\_Channel Bandwidth 3MHz\_16QAM\_High Channel

Table with 9 columns: Frequency (MHz), PMea (dBm), Pcl (dB), Diatance, Ga Antenna Gain(dB), EIRP (dBm), Limit (dBm), Margin (dB), Polarization. Rows include frequencies 3557 and 5335.5 with various antenna gains and margins.

LTE FDD Band 66\_Channel Bandwidth 5MHz\_16QAM\_Low Channel

Table with 9 columns: Frequency (MHz), PMea (dBm), Pcl (dB), Diatance, Ga Antenna Gain(dB), Peak EIRP (dBm), Limit (dBm), Margin (dB), Polarization. Rows include frequencies 3425.0 and 5137.5.

LTE FDD Band 66\_Channel Bandwidth 5MHz\_16QAM\_Middle Channel

Table with 9 columns: Frequency (MHz), PMea (dBm), Pcl (dB), Diatance, Ga Antenna Gain(dB), EIRP (dBm), Limit (dBm), Margin (dB), Polarization. Rows include frequencies 3490 and 5235.

LTE FDD Band 66\_Channel Bandwidth 5MHz\_16QAM\_High Channel

Table with 9 columns: Frequency (MHz), PMea (dBm), Pcl (dB), Diatance, Ga Antenna Gain(dB), EIRP (dBm), Limit (dBm), Margin (dB), Polarization. Rows include frequencies 3555 and 5332.5.

LTE FDD Band 66\_Channel Bandwidth 10MHz\_16QAM\_Low Channel

Table with 9 columns: Frequency (MHz), PMea (dBm), Pcl (dB), Diatance, Ga Antenna Gain(dB), Peak EIRP (dBm), Limit (dBm), Margin (dB), Polarization. Rows include frequencies 3430.0 and 5145.0.

LTE FDD Band 66\_Channel Bandwidth 10MHz\_16QAM\_Middle Channel

Table with 9 columns: Frequency (MHz), PMea (dBm), Pcl (dB), Diatance, Ga Antenna Gain(dB), EIRP (dBm), Limit (dBm), Margin (dB), Polarization. Rows include frequencies 3490 and 5235.

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAKE, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

TEL : +86-755 2302 9901 FAX : +86-755 2302 9901 E-mail : service@cer-mark.com

Add: 1-2F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China



LTE FDD Band 66 Channel Bandwidth 10MHz 16QAM High Channel

Frequency (MHz)	PMea (dBm)	Pcl (dB)	Diatance	Ga Antenna Gain(dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3550	-44.11	4.02	3	12.5	-35.63	-13.00	22.63	H
5325	-48.02	5.11	3	13.38	-39.75	-13.00	26.75	H
3550	-49.27	4.02	3	12.5	-40.79	-13.00	27.79	V
5325	-51.24	5.11	3	13.38	-42.97	-13.00	29.97	V

LTE FDD Band 66 Channel Bandwidth 15MHz 16QAM Low Channel

Frequency (MHz)	PMea (dBm)	Pcl (dB)	Diatance	Ga Antenna Gain(dB)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3435.0	-47.07	4.02	3	12.5	-38.59	-13.00	25.59	H
5152.5	-52.41	5.11	3	13.38	-44.14	-13.00	31.14	H
3435.0	-51.45	4.02	3	12.5	-42.97	-13.00	29.97	V
5152.5	-50.26	5.11	3	13.38	-41.99	-13.00	28.99	V

LTE FDD Band 66 Channel Bandwidth 15MHz 16QAM Middle Channel

Frequency (MHz)	PMea (dBm)	Pcl (dB)	Diatance	Ga Antenna Gain(dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3490	-44.31	4.02	3	12.5	-35.83	-13.00	22.83	H
5235	-46.65	5.11	3	13.38	-38.38	-13.00	25.38	H
3490	-49.31	4.02	3	12.5	-40.83	-13.00	27.83	V
5235	-48.8	5.11	3	13.38	-40.53	-13.00	27.53	V

LTE FDD Band 66 Channel Bandwidth 15MHz 16QAM High Channel

Frequency (MHz)	PMea (dBm)	Pcl (dB)	Diatance	Ga Antenna Gain(dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3545	-42.25	4.02	3	12.5	-33.77	-13.00	20.77	H
5317.5	-48.78	5.11	3	13.38	-40.51	-13.00	27.51	H
3545	-50.72	4.02	3	12.5	-42.24	-13.00	29.24	V
5317.5	-51.47	5.11	3	13.38	-43.2	-13.00	30.2	V

LTE FDD Band 66 Channel Bandwidth 20MHz 16QAM Low Channel

Frequency (MHz)	PMea (dBm)	Pcl (dB)	Diatance	Ga Antenna Gain(dB)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3440.0	-44.44	4.02	3	12.5	-35.96	-13.00	22.96	H
5160.0	-50.31	5.11	3	13.38	-42.04	-13.00	29.04	H
3440.0	-51.03	4.02	3	12.5	-42.55	-13.00	29.55	V
5160.0	-48.38	5.11	3	13.38	-40.11	-13.00	27.11	V

LTE FDD Band 66 Channel Bandwidth 20MHz 16QAM Middle Channel

Frequency (MHz)	PMea (dBm)	Pcl (dB)	Diatance	Ga Antenna Gain(dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3490	-45.89	4.02	3	12.5	-37.41	-13.00	24.41	H
5235	-46.79	5.11	3	13.38	-38.52	-13.00	25.52	H
3490	-49.16	4.02	3	12.5	-40.68	-13.00	27.68	V
5235	-50.42	5.11	3	13.38	-42.15	-13.00	29.15	V

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAKE, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.cer-mark.com>.

TEL : +86-755 2302 9901 FAX : +86-755 2302 9901 E-mail : service@cer-mark.com

Add: 1-2F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China



LTE FDD Band 66 Channel Bandwidth 20MHz 16QAM High Channel

Frequency (MHz)	PMea (dBm)	Pcl (dB)	Diatance	Ga Antenna Gain(dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3540	-43.51	4.02	3	12.5	-35.03	-13.00	22.03	H
5310	-48.04	5.11	3	13.38	-39.77	-13.00	26.77	H
3540	-48.12	4.02	3	12.5	-39.64	-13.00	26.64	V
5310	-47.5	5.11	3	13.38	-39.23	-13.00	26.23	V

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.cer-mark.com>.

TEL : +86-755 2302 9901 FAX : +86-755 2302 9901 E-mail : [service@cer-mark.com](mailto:service@cer-mark.com)

Add: 1-2F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

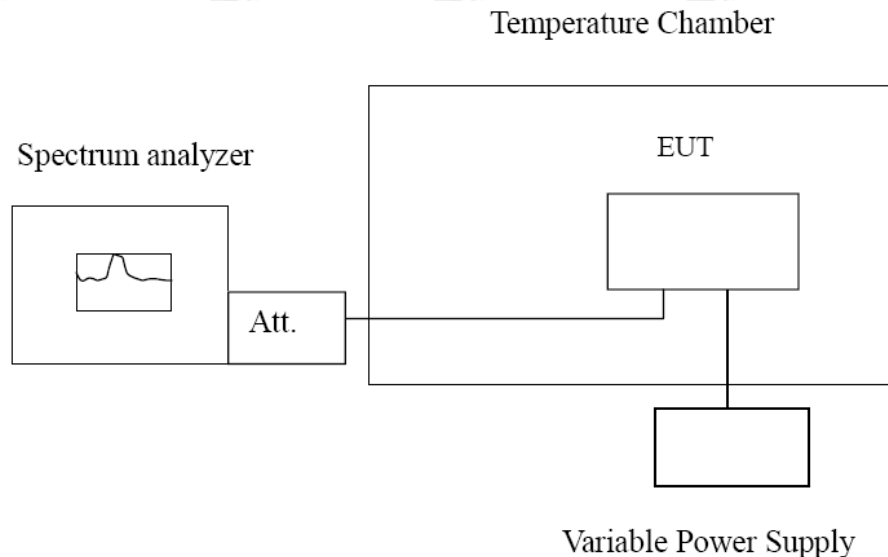


### 3.6 Frequency Stability under Temperature & Voltage Variations

#### LIMIT

According to §27.54, §2.1055 requirement, the frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation and should not exceed 2.5ppm.

#### TEST CONFIGURATION



#### TEST PROCEDURE

The EUT was setup according to EIA/TIA 603D.

##### **Frequency Stability Under Temperature Variations:**

In order to measure the carrier frequency under the condition of AFC lock, it is necessary to make measurements with the EUT in a "call mode". This is accomplished with the use of R&S CMW500 DIGITAL RADIO COMMUNICATION TESTER.

1. Measure the carrier frequency at room temperature.
2. Subject the EUT to overnight soak at -30°C.
3. With the EUT, powered via nominal voltage, connected to the CMW500 and in a simulated call on middle channel for LTE band 4, measure the carrier frequency. These measurements should be made within 2 minutes of Powering up the EUT, to prevent significant self-warming.
4. Repeat the above measurements at 10°C increments from -30°C to +50°C. Allow at least 1.5 hours at each temperature, unpowered, before making measurements.
5. Re-measure carrier frequency at room temperature with nominal voltage. Vary supply voltage from minimum voltage to maximum voltage, in 0.1Volt increments re-measuring carrier frequency at each voltage. Pause at nominal voltage for 1.5 hours unpowered, to allow any self-heating to stabilize, before continuing.
6. Subject the EUT to overnight soak at +50°C.
7. With the EUT, powered via nominal voltage, connected to the CMW500 and in a simulated call on the centre channel, measure the carrier frequency. These measurements should be made within 2 minutes of Powering up the EUT, to prevent significant self-warming.
8. Repeat the above measurements at 10 °C increments from +50°C to -30°C. Allow at least 1.5 hours at each temperature, unpowered, before making measurements.
9. At all temperature levels hold the temperature to +/- 0.5°C during the measurement procedure.

##### **Frequency Stability Under Voltage Variations:**

Set chamber temperature to 20°C. Use a variable AC power supply / DC power source to power the EUT and set the voltage to rated voltage. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency.

Reduce the input voltage to specify extreme voltage variation ( $\pm 15\%$ ) and endpoint, record the maximum frequency change.



**TEST RESULTS**

Remark:

1. We tested all RB Configuration refer 3GPP TS136 521 for each Channel Bandwidth of LTE FDD Band 66; recorded worst case.

LTE Band 66, 1.4MHz bandwidth , QPSK (worst case of all bandwidths)

LTE FDD Band 66				
DC Power	Temperature (°C)	Frequency error(Hz)	Frequency error(ppm)	Verdict
10.2	20	4.18	0.002443	PASS
12.0	20	5.01	0.002929	PASS
13.8	20	3.35	0.001958	PASS
12.0	-30	-9.54	-0.005467	PASS
12.0	-20	-7.28	-0.004172	PASS
12.0	-10	-8.94	-0.005123	PASS
12.0	0	2.09	0.001175	PASS
12.0	10	5.05	0.002838	PASS
12.0	20	-4.51	-0.002535	PASS
12.0	30	4.18	0.002443	PASS
12.0	40	5.01	0.002929	PASS
12.0	50	3.35	0.001958	PASS

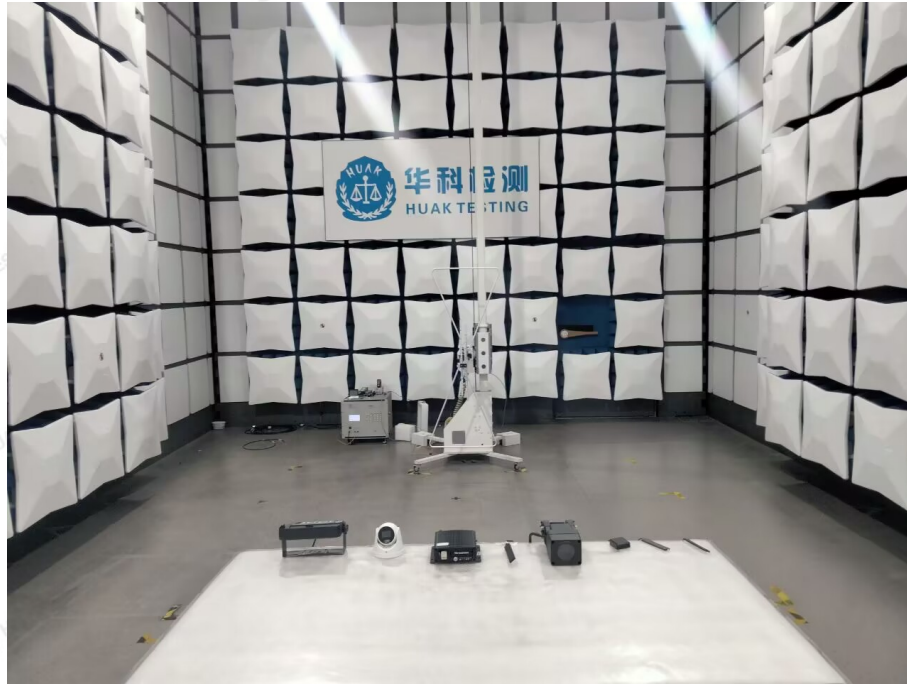
LTE Band 66, 1.4MHz bandwidth , 16QAM (worst case of all bandwidths)

LTE FDD Band 66				
DC Power	Temperature (°C)	Frequency error(Hz)	Frequency error(ppm)	Verdict
10.2	20	4.29	0.002508	PASS
12.0	20	4.48	0.002619	PASS
13.8	20	2.86	0.001672	PASS
12.0	-30	4.33	0.002531	PASS
12.0	-20	5.87	0.003431	PASS
12.0	-10	5.81	0.003396	PASS
12.0	0	4.53	0.002648	PASS
12.0	10	-4.46	-0.002607	PASS
12.0	20	4.79	0.002800	PASS
12.0	30	4.29	0.002508	PASS
12.0	40	4.48	0.002619	PASS
12.0	50	2.86	0.001672	PASS

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.cer-mark.com>.



#### 4 TEST SETUP PHOTOS OF THE EUT



The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.cer-mark.com>.

TEL : +86-755 2302 9901 FAX : +86-755 2302 9901 E-mail : [service@cer-mark.com](mailto:service@cer-mark.com)

Addr: 1-2F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China



## **5 PHOTOS OF THE EUT**

Reference to the report: ANNEX A of external photos and ANNEX B of internal photos.

.....**End of Report**.....