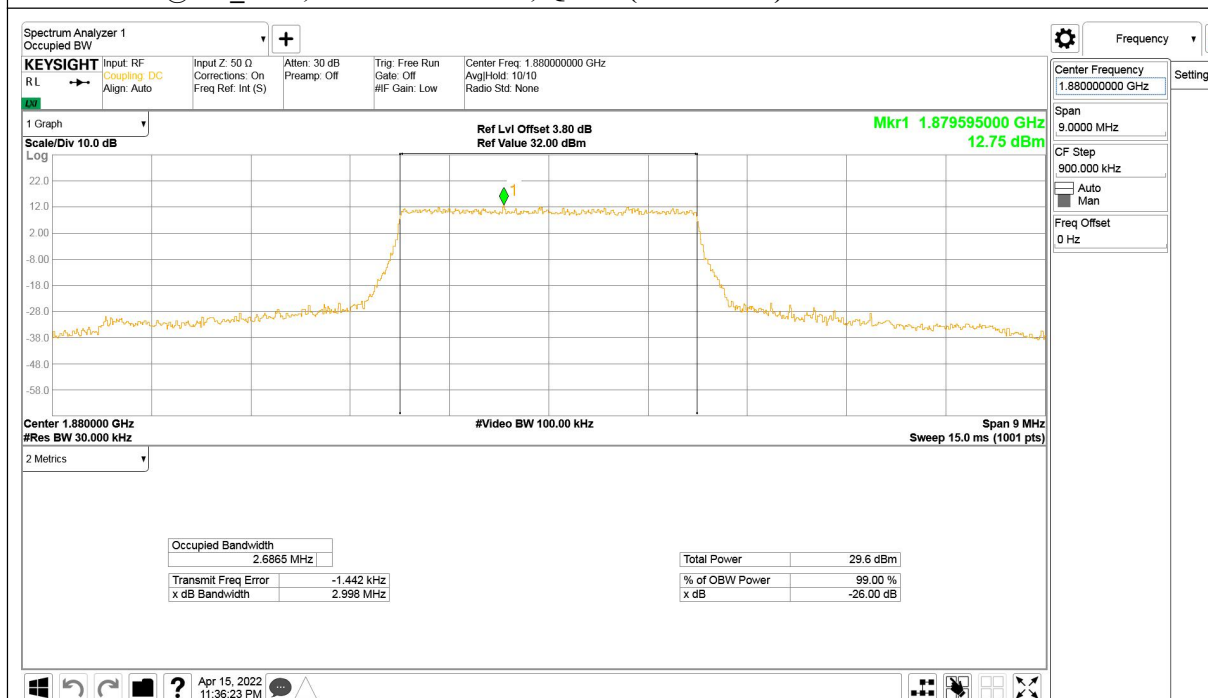


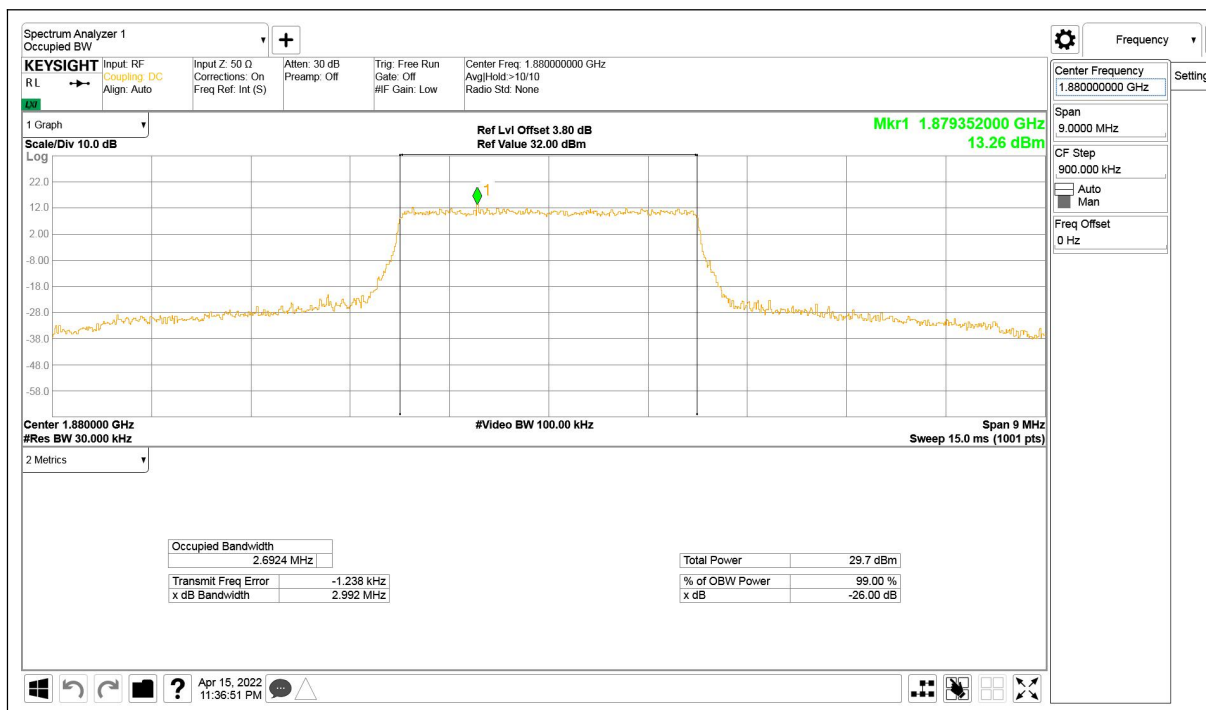
LTE band 2@CA_2+66, 3MHz(-26dBc)

Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)	
	QPSK	16QAM
1880	2.998	2.992

LTE band 2@CA_2+66, 3MHz Bandwidth, QPSK (-26dBc BW)



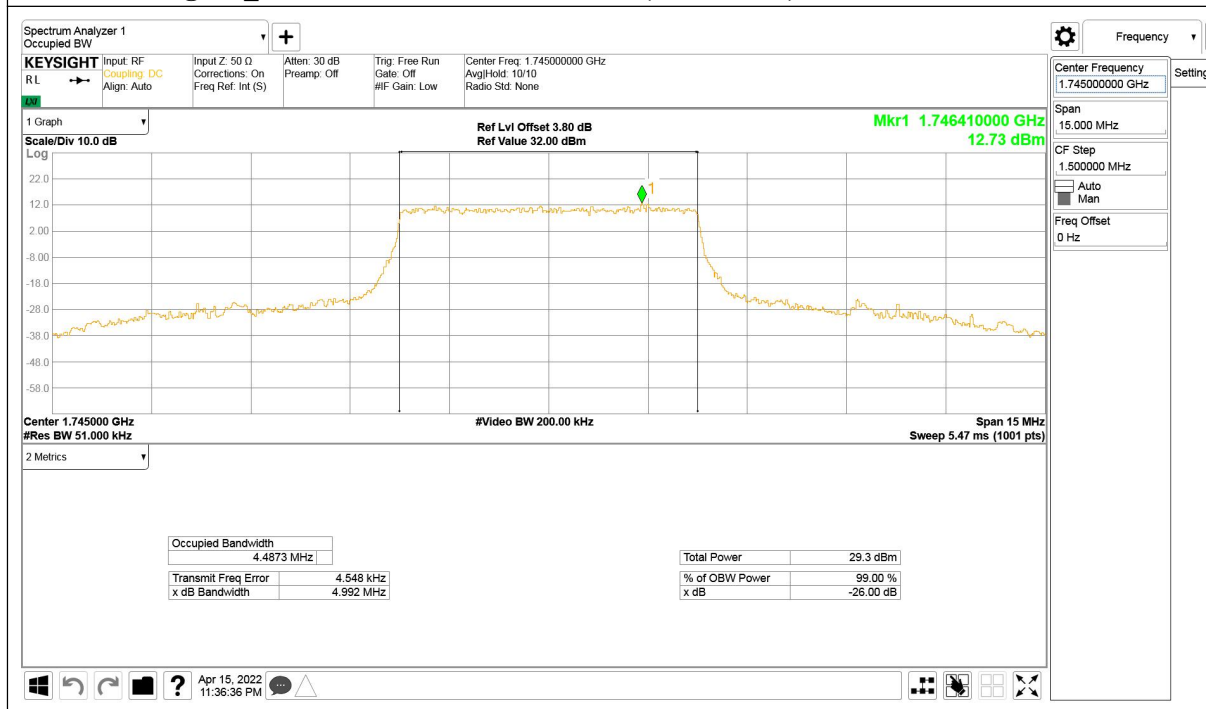
LTE band 2@CA_2+66, 3MHz Bandwidth, 16QAM (-26dBc BW)



LTE band 66@CA_2+66, 5MHz(-26dBc)

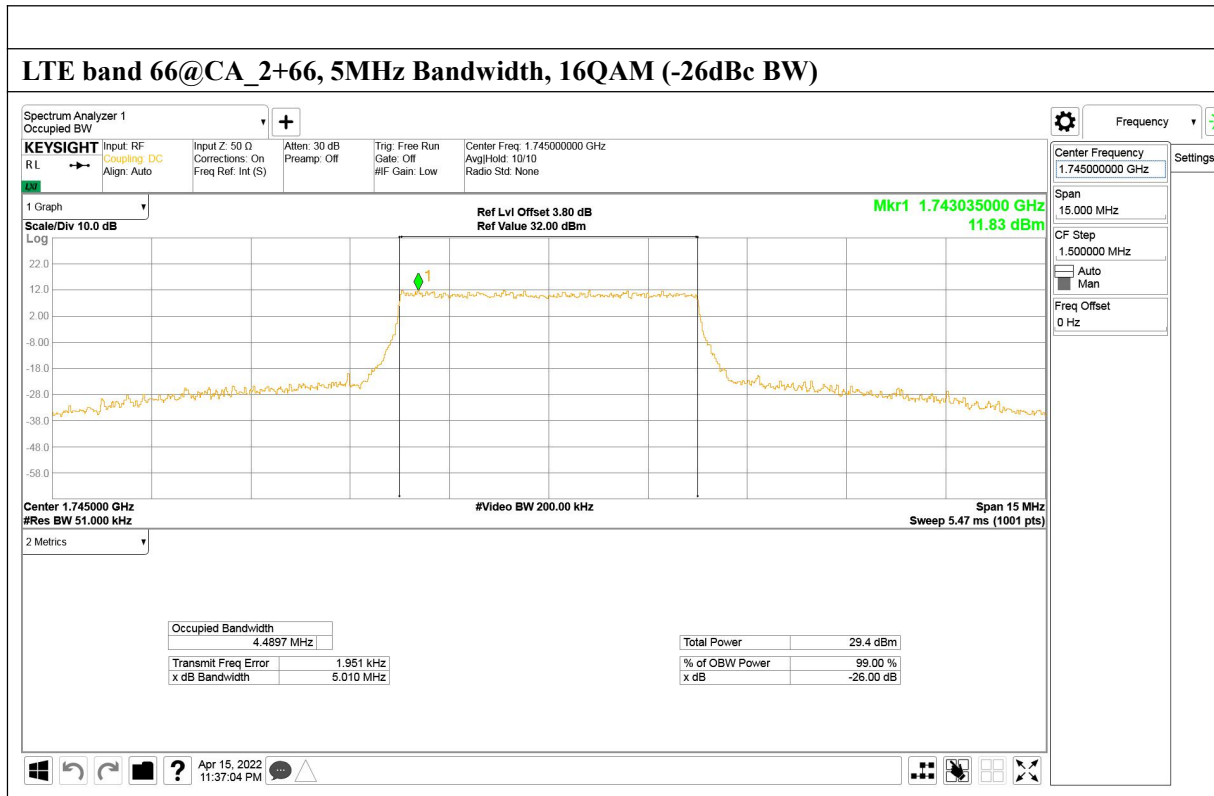
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)	
	QPSK	16QAM
1745	4.992	5.010

LTE band 66@CA_2+66, 5MHz Bandwidth, QPSK (-26dBc BW)



Chongqing Academy of Information and Communication Technology

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336
 Tel: 0086-23-88069965 FAX:0086-23-88608777



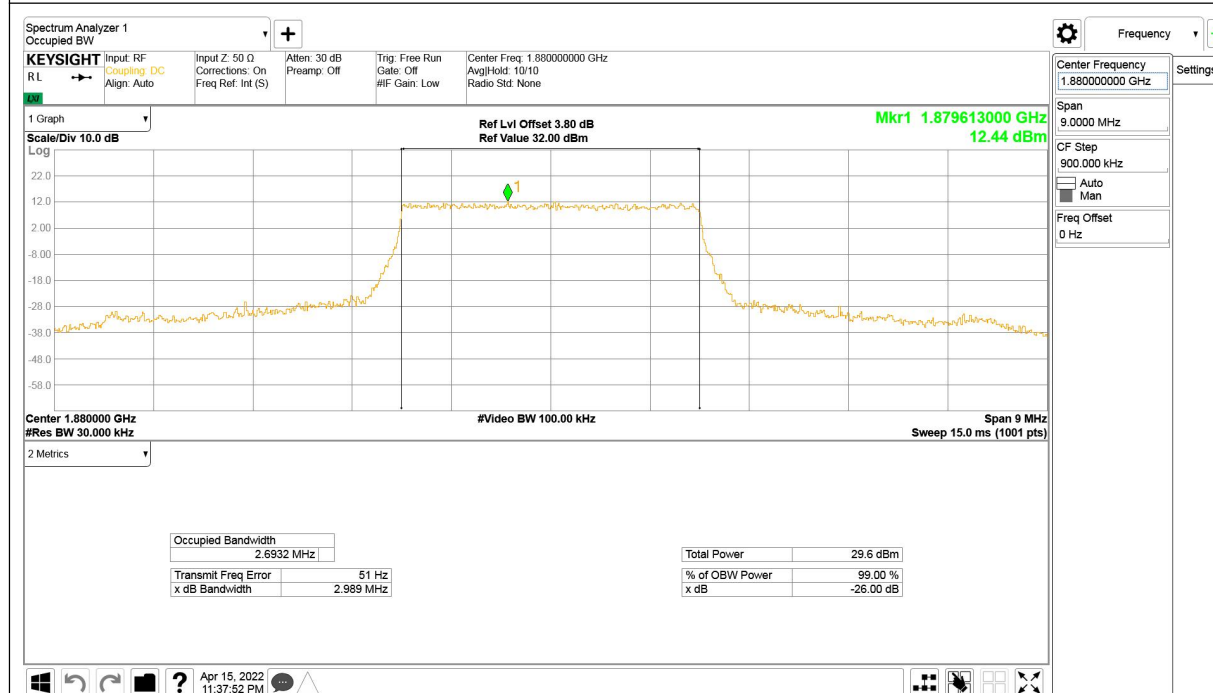
Chongqing Academy of Information and Communication Technology

Address: No. 8, Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China, 401336
Tel: 0086-23-88069965 FAX: 0086-23-88608777

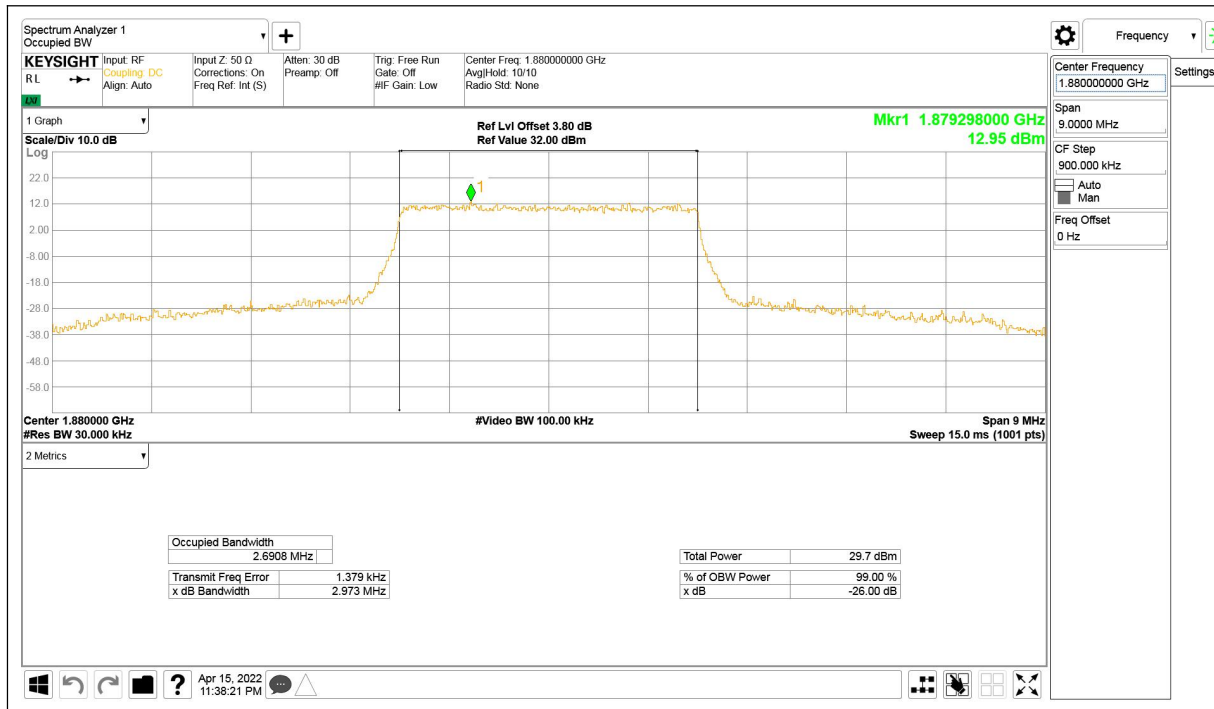
LTE band 2@CA_2+66, 3MHz(-26dBc)

Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)	
	QPSK	16QAM
1880	2.989	2.973

LTE band 2@CA_2+66, 3MHz Bandwidth, QPSK (-26dBc BW)



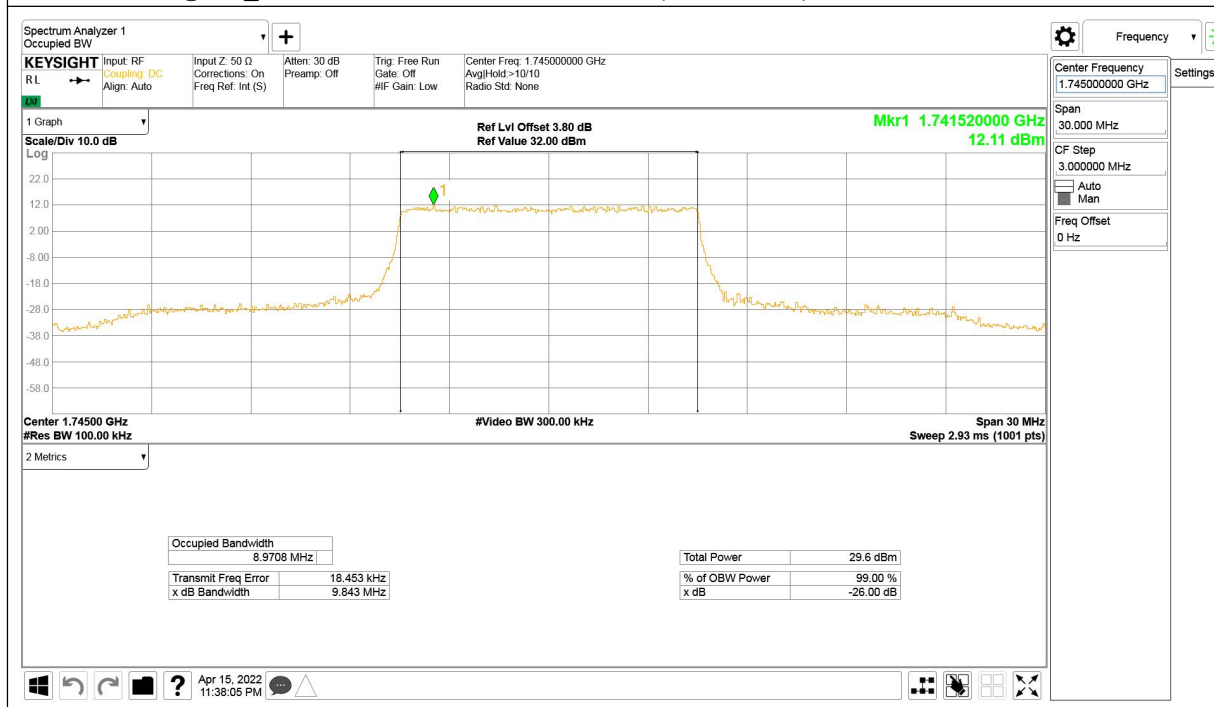
LTE band 2@CA_2+66, 3MHz Bandwidth, 16QAM (-26dBc BW)



LTE band 66@CA_2+66, 10MHz(-26dBc)

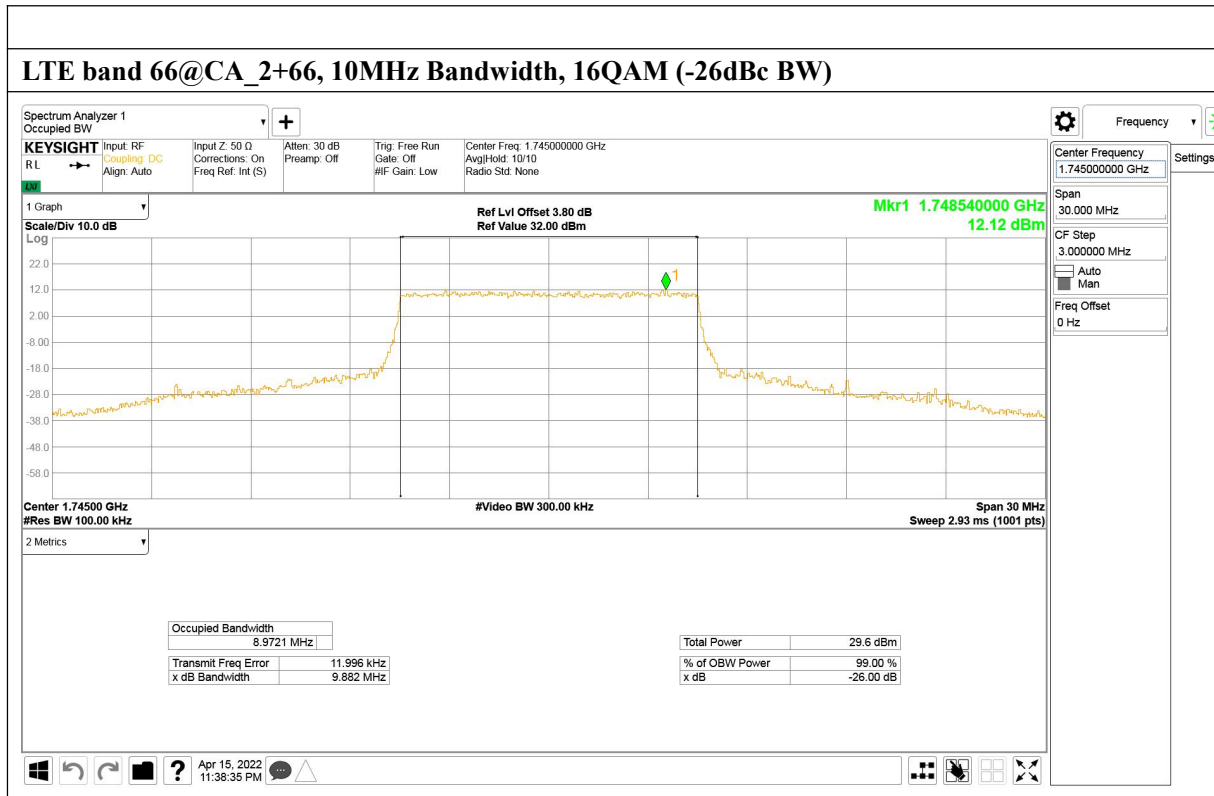
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)	
	QPSK	16QAM
1745	9.843	9.882

LTE band 66@CA_2+66, 10MHz Bandwidth, QPSK (-26dBc BW)



Chongqing Academy of Information and Communication Technology

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336
 Tel: 0086-23-88069965 FAX:0086-23-88608777



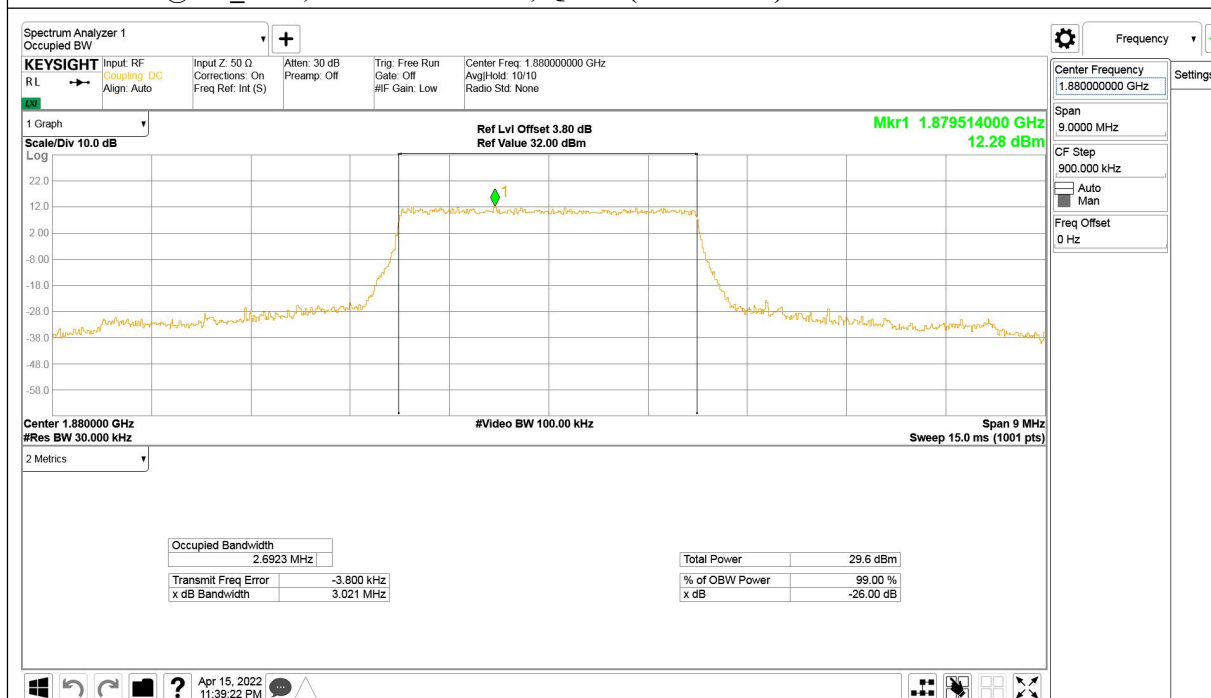
Chongqing Academy of Information and Communication Technology

Address: No. 8, Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China, 401336
Tel: 0086-23-88069965 FAX: 0086-23-88608777

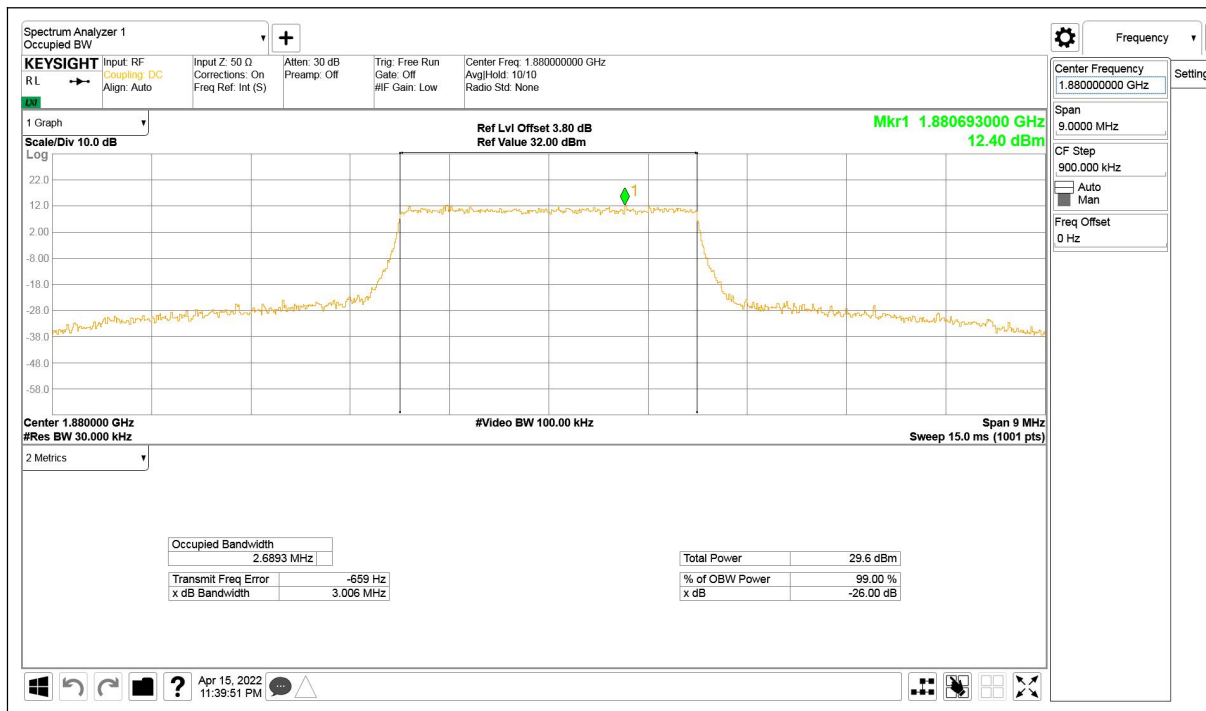
LTE band 2@CA_2+66, 3MHz(-26dBc)

Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)	
	QPSK	16QAM
1880	3.021	3.006

LTE band 2@CA_2+66, 3MHz Bandwidth, QPSK (-26dBc BW)



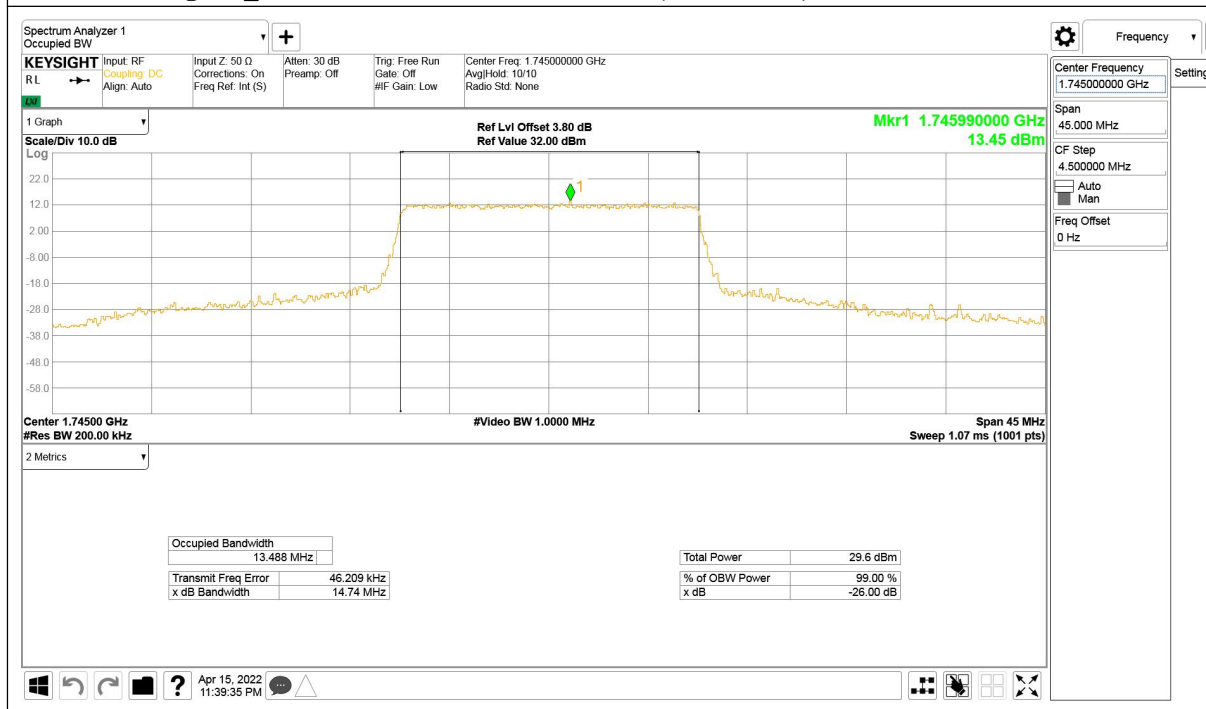
LTE band 2@CA_2+66, 3MHz Bandwidth, 16QAM (-26dBc BW)



LTE band 66@CA_2+66, 15MHz(-26dBc)

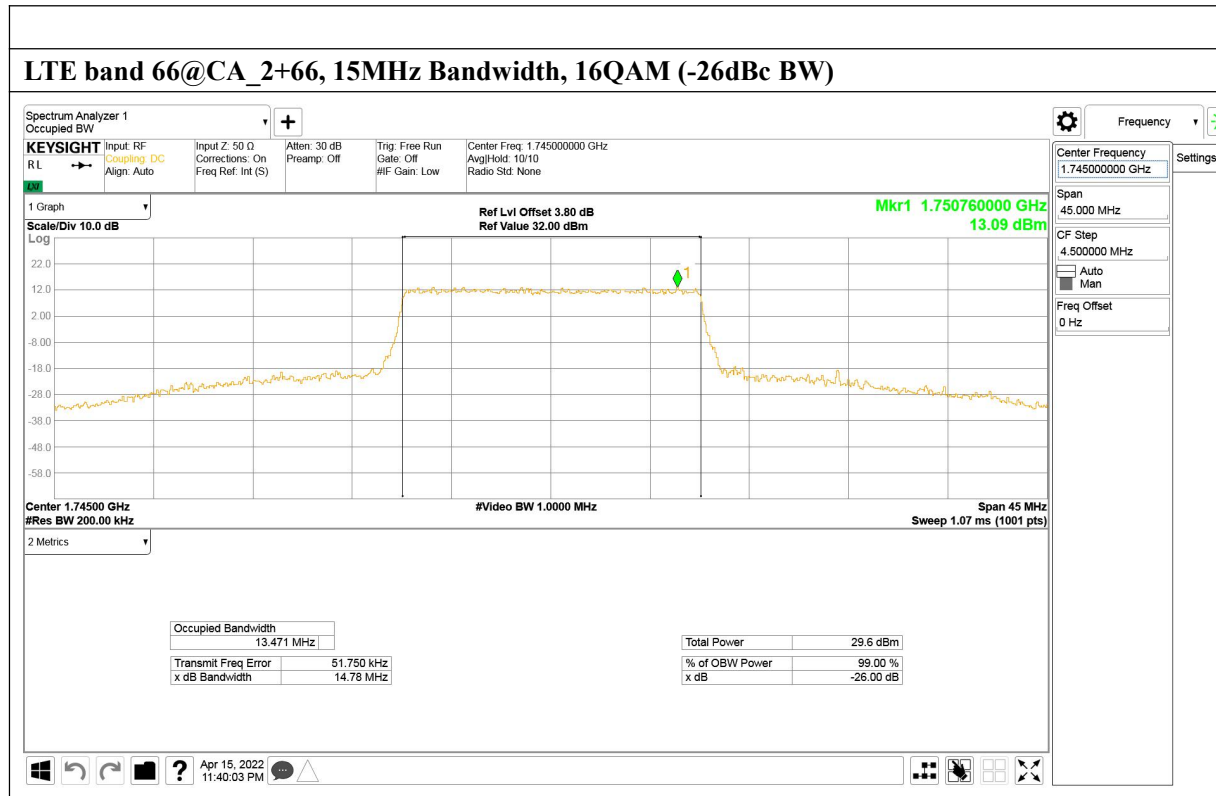
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)	
	QPSK	16QAM
1745	14.745	14.783

LTE band 66@CA_2+66, 15MHz Bandwidth, QPSK (-26dBc BW)



Chongqing Academy of Information and Communication Technology

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336
 Tel: 0086-23-88069965 FAX:0086-23-88608777



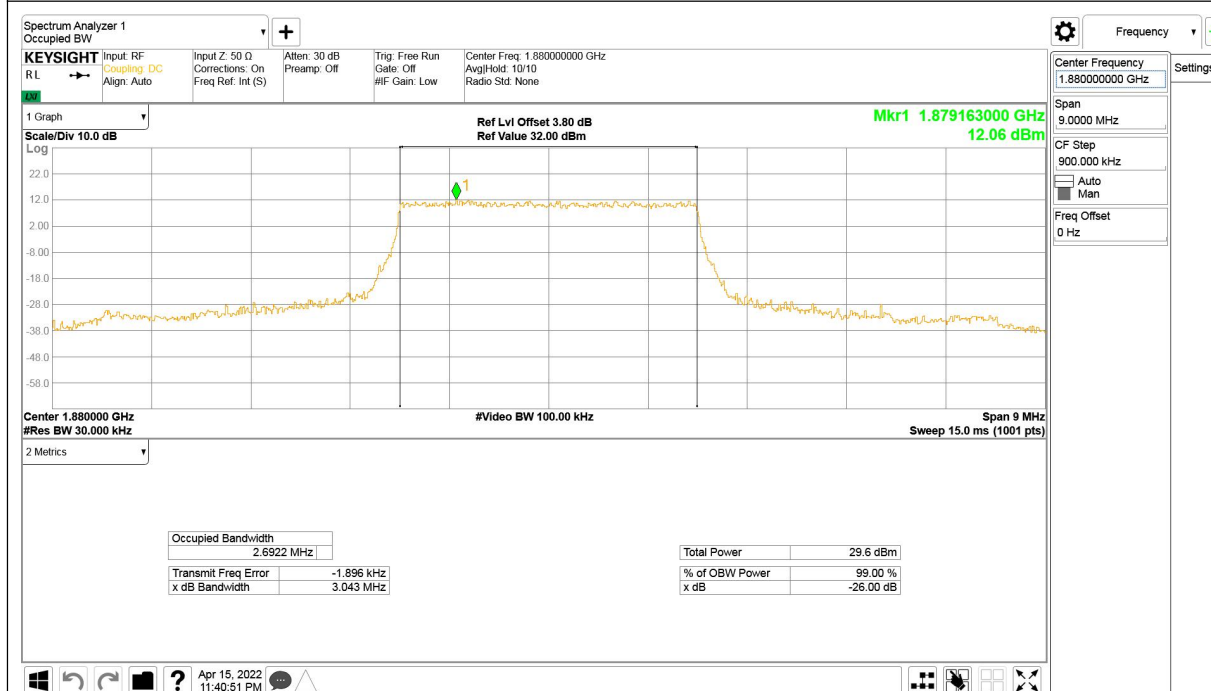
Chongqing Academy of Information and Communication Technology

Address: No. 8, Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China, 401336
Tel: 0086-23-88069965 FAX: 0086-23-88608777

LTE band 2@CA_2+66, 3MHz(-26dBc)

Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)	
	QPSK	16QAM
1880	3.043	2.997

LTE band 2@CA_2+66, 3MHz Bandwidth, QPSK (-26dBc BW)



LTE band 2@CA_2+66, 3MHz Bandwidth, 16QAM (-26dBc BW)



Keysight Spectrum Analyzer 1
Occupied BW

KEYSIGHT Input: RF Coupling: DC Align: Auto
 R/L → Input Z: 50 Ω Corrections: On Freq Ref: Int (S)
 Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low
 Center Freq: 1.880000000 GHz Avg/Hold: 10/10 Radio Std: None

1 Graph
 Scale/Div 10.0 dB
 Log

Ref Lvl Offset 3.80 dB
 Ref Value 32.00 dBm

Mkr1 1.878767000 GHz 12.42 dBm

Center 1.880000 GHz
 #Res BW 30.000 kHz
 #Video BW 100.00 kHz
 Span 9 MHz
 Sweep 15.0 ms (1001 pts)

2 Metrics

Occupied Bandwidth	
2.6912 MHz	

Total Power	
29.6 dBm	

% of OBW Power	
x dB Bandwidth	-541 Hz
x dB Bandwidth	2.997 MHz

Apr 15, 2022 11:41:20 PM

Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)	
	QPSK	16QAM
1745	19.414	19.339

Keysight Spectrum Analyzer 1
Occupied BW

KEYSIGHT Input: RF Coupling: DC Align: Auto
 RL → Input Z: 50 Ω Corrections: On Freq Ref: Int (S)
 Atten: 30 dB Preamp: Off
 Trig: Free Run Gate: Off #IF Gain: Low
 Center Freq: 1.745000000 GHz Avg/Hold: 10/10 Radio Std: None

1 Graph
 Scale/Div 10.0 dB
 Log

Ref Lvl Offset 3.80 dB
Ref Value 32.00 dBm

Mkr1 1.741700000 GHz
11.98 dBm

Center 1.74500 GHz
#Res BW 200.00 kHz
#Video BW 1.0000 MHz
Span 60 MHz
Sweep 1.40 ms (1001 pts)

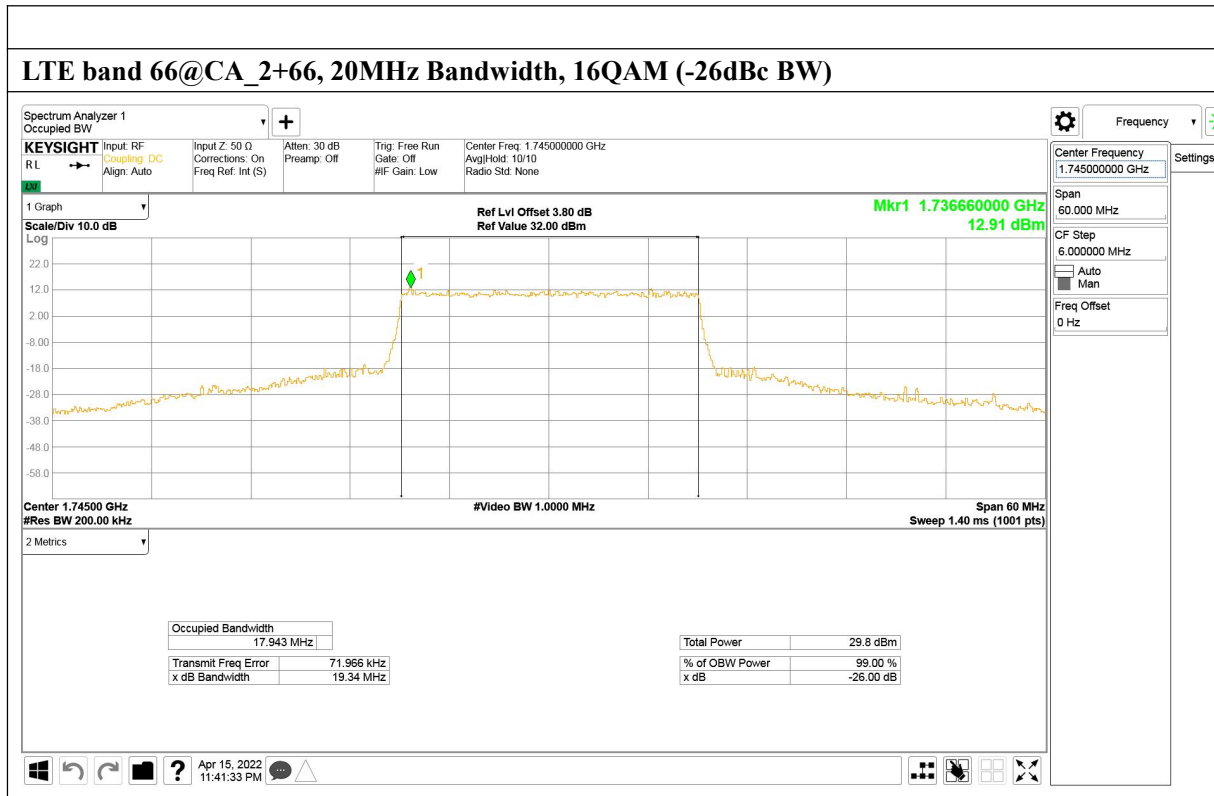
2 Metrics

Occupied Bandwidth	
	17.892 MHz

Transmit Freq Error	43.999 kHz
x dB Bandwidth	19.41 MHz

Total Power	29.7 dBm
% of OBW Power	99.00 %
x dB	-26.00 dB

Page 748 of 1086



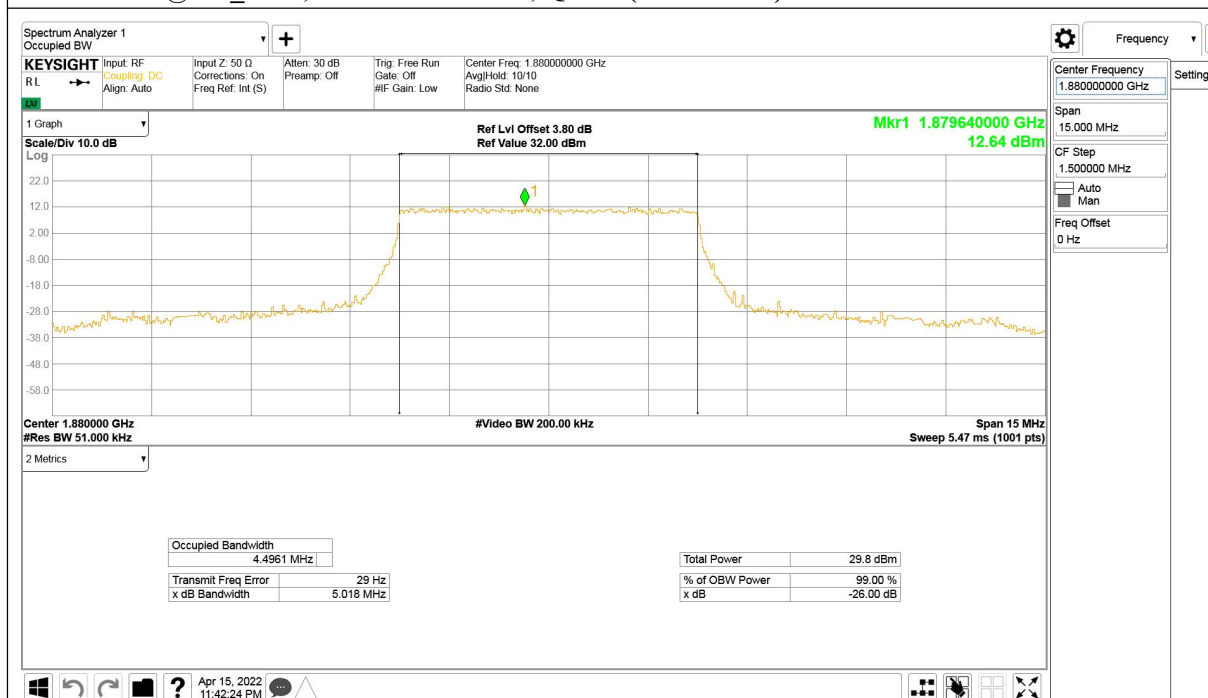
Chongqing Academy of Information and Communication Technology

Address: No. 8, Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China, 401336
Tel: 0086-23-88069965 FAX: 0086-23-88608777

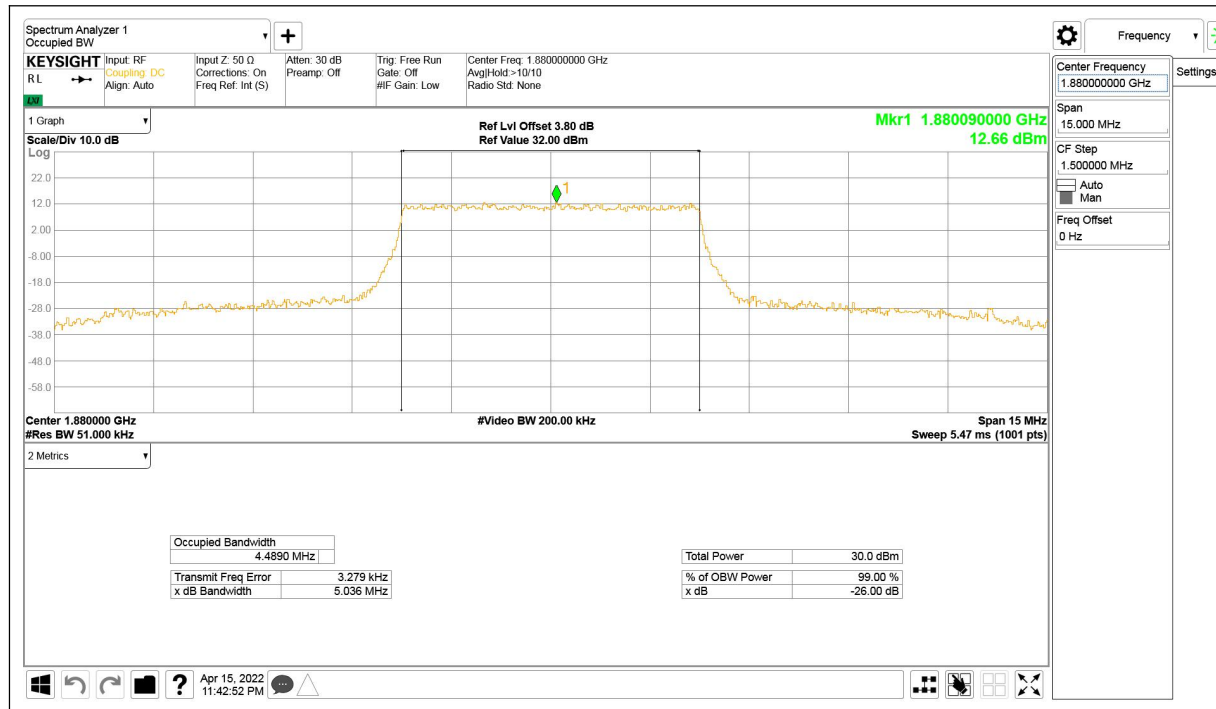
LTE band 2@CA_2+66, 5MHz(-26dBc)

Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)	
	QPSK	16QAM
1880	5.018	5.036

LTE band 2@CA_2+66, 5MHz Bandwidth, QPSK (-26dBc BW)



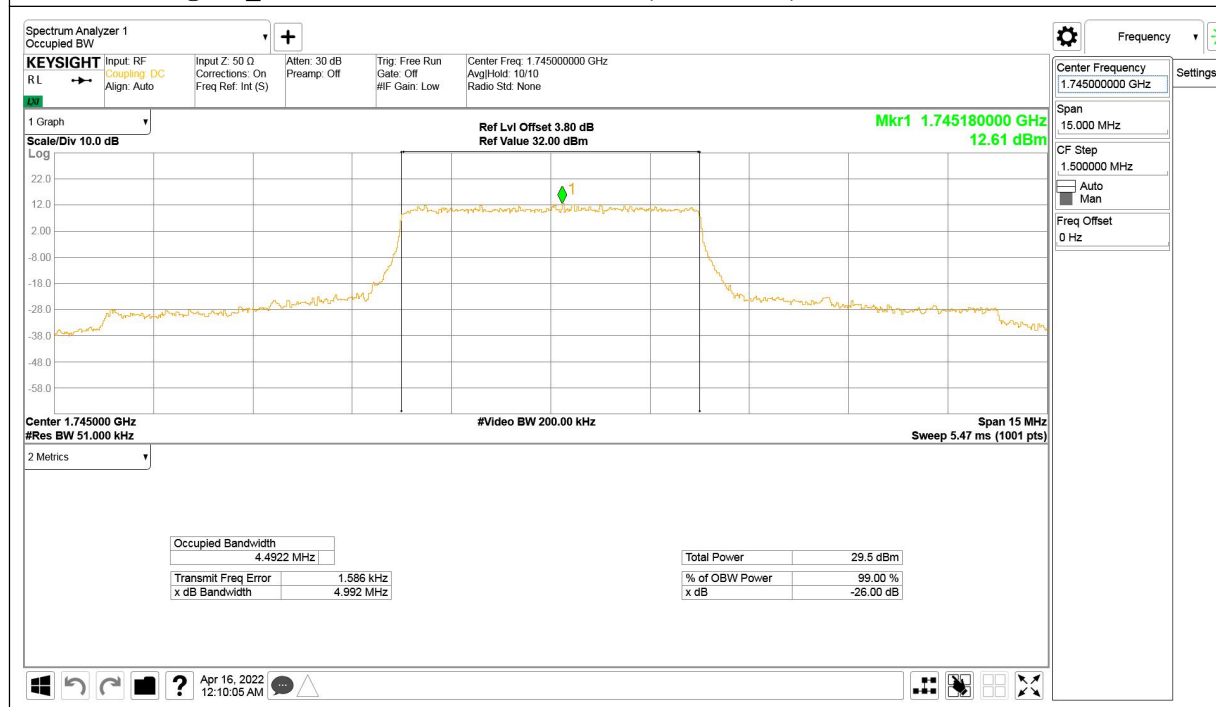
LTE band 2@CA_2+66, 5MHz Bandwidth, 16QAM (-26dBc BW)



LTE band 66@CA_2+66, 5MHz(-26dBc)

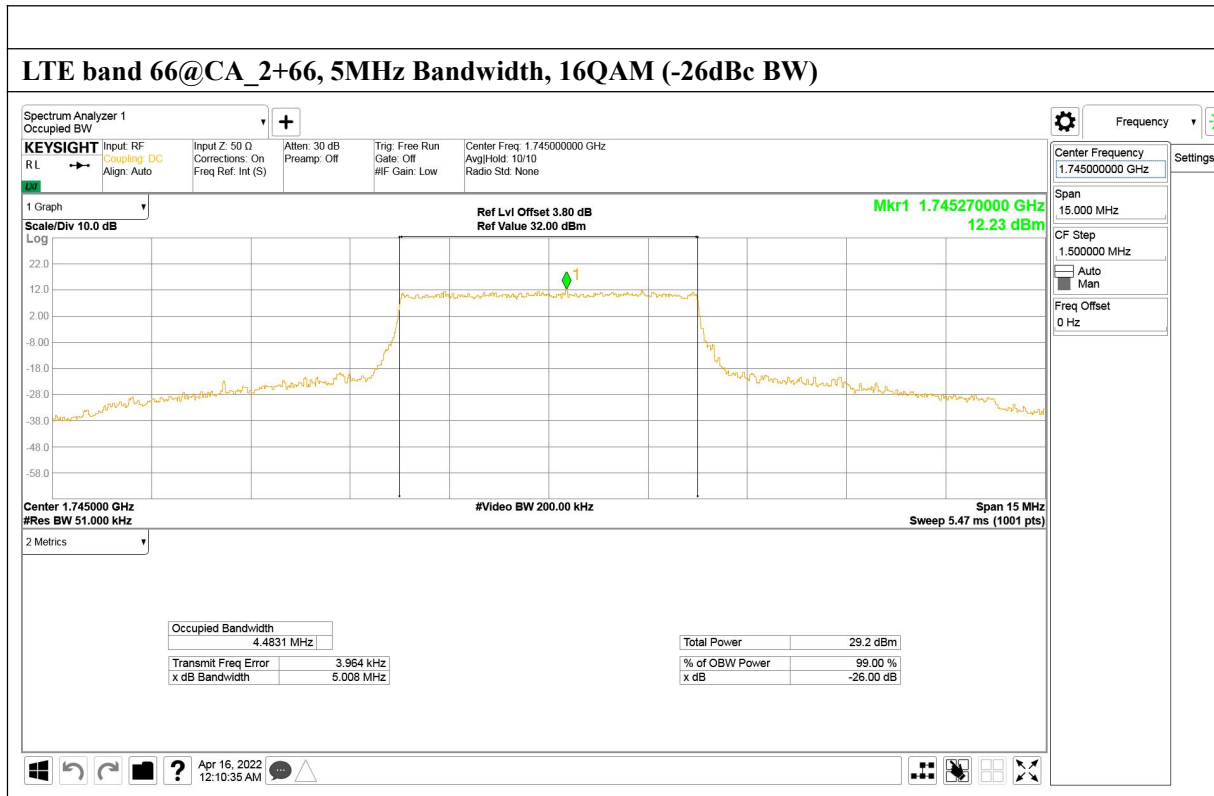
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)	
	QPSK	16QAM
1745	5.087	5.127

LTE band 66@CA_2+66, 5MHz Bandwidth, QPSK (-26dBc BW)



Chongqing Academy of Information and Communication Technology

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336
 Tel: 0086-23-88069965 FAX:0086-23-88608777



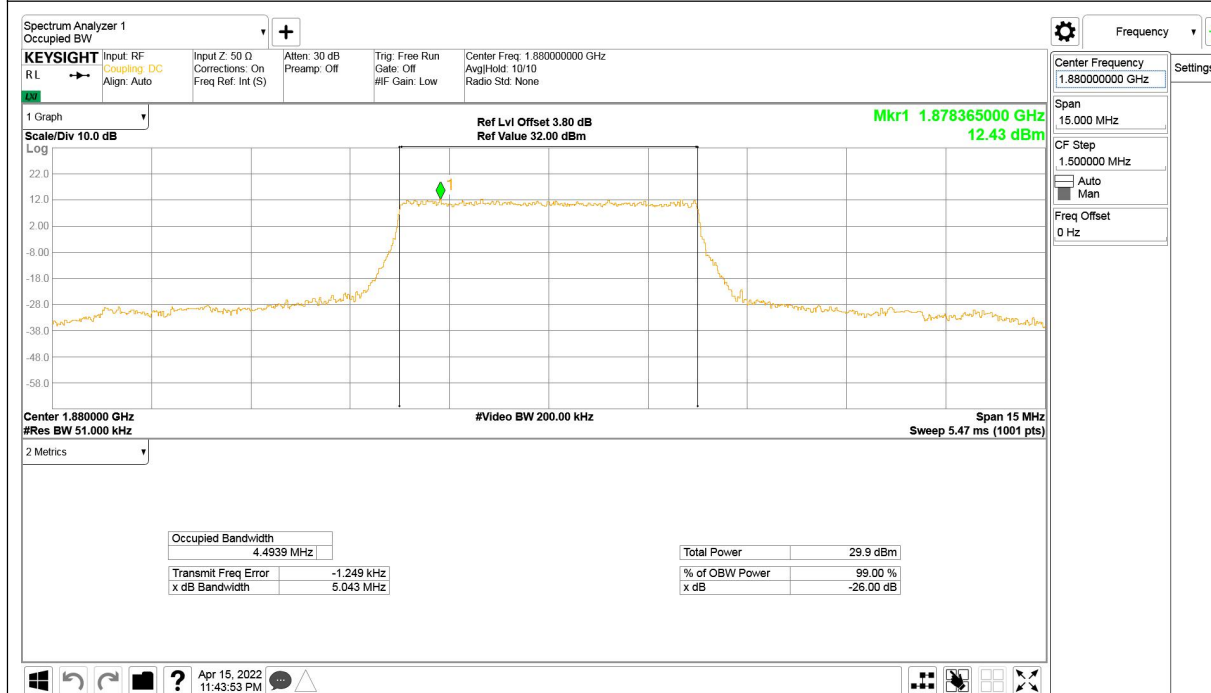
Chongqing Academy of Information and Communication Technology

Address: No. 8, Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China, 401336
Tel: 0086-23-88069965 FAX: 0086-23-88608777

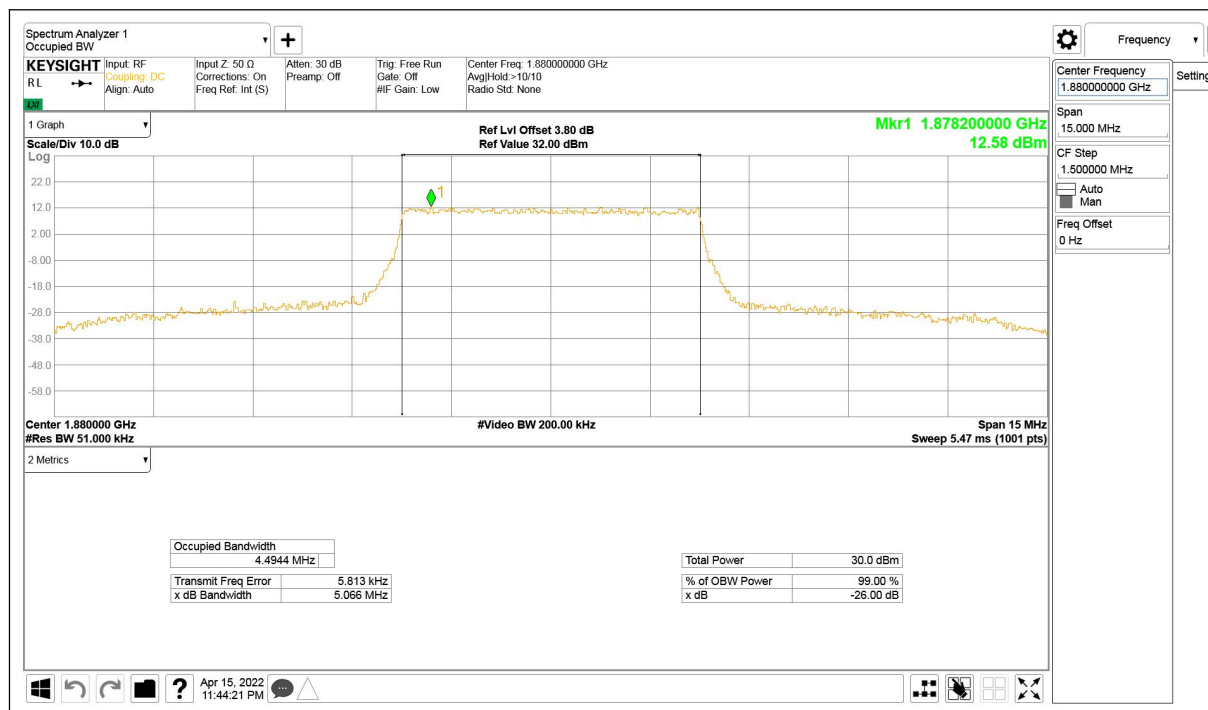
LTE band 2@CA_2+66, 5MHz(-26dBc)

Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)	
	QPSK	16QAM
1880	5.043	5.066

LTE band 2@CA_2+66, 5MHz Bandwidth, QPSK (-26dBc BW)



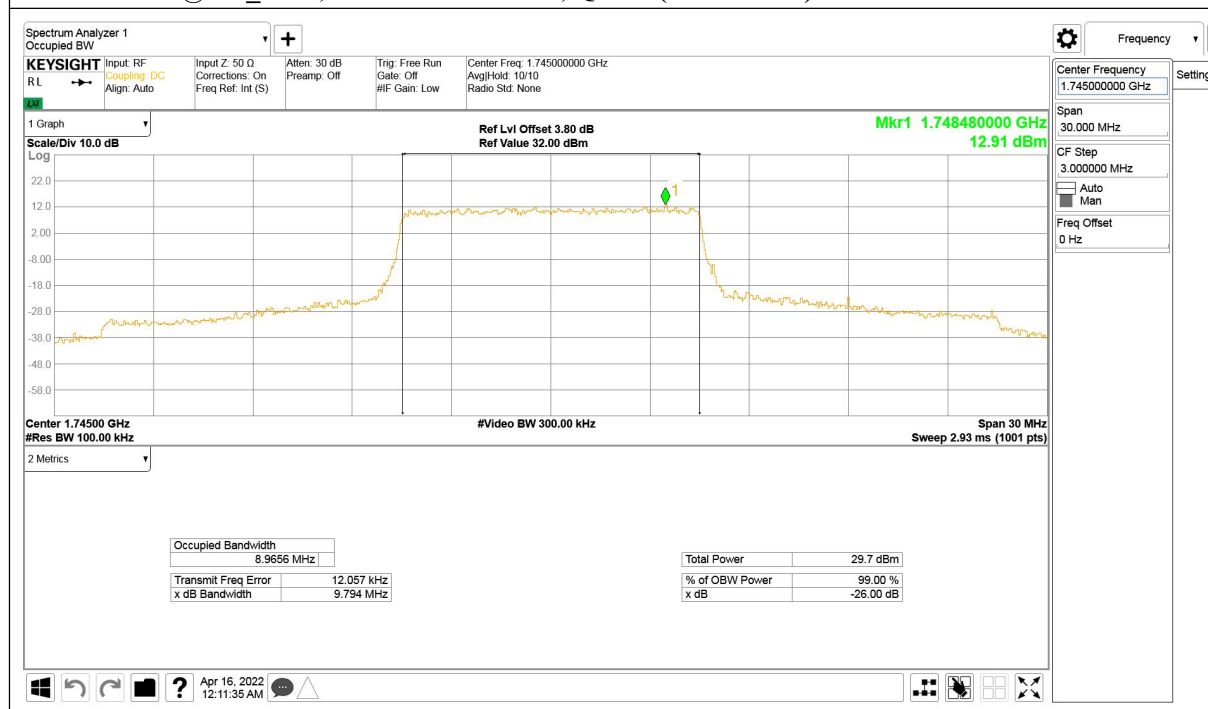
LTE band 2@CA_2+66, 5MHz Bandwidth, 16QAM (-26dBc BW)



LTE band 66@CA_2+66, 10MHz(-26dBc)

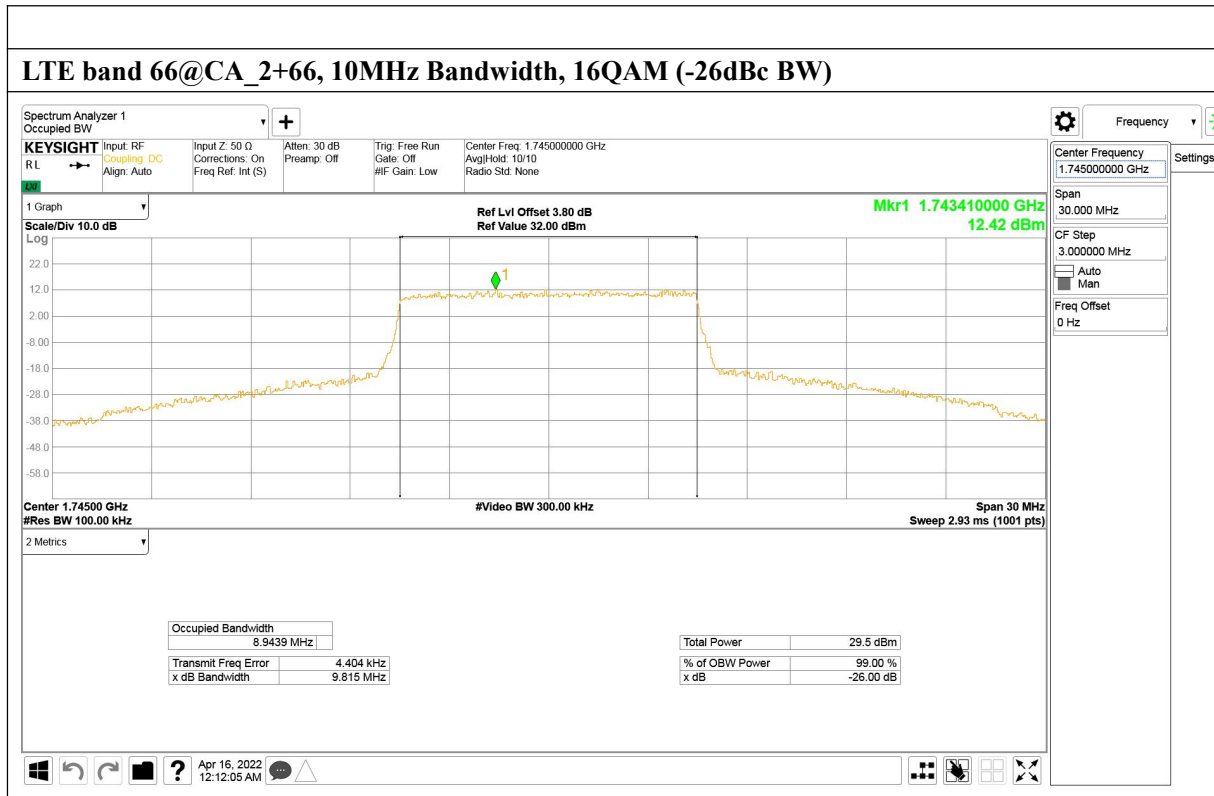
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)	
	QPSK	16QAM
1745	9.787	9.835

LTE band 66@CA_2+66, 10MHz Bandwidth, QPSK (-26dBc BW)



Chongqing Academy of Information and Communication Technology

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336
Tel: 0086-23-88069965 FAX:0086-23-88608777



Chongqing Academy of Information and Communication Technology

Address: No. 8, Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China, 401336
Tel: 0086-23-88069965 FAX: 0086-23-88608777

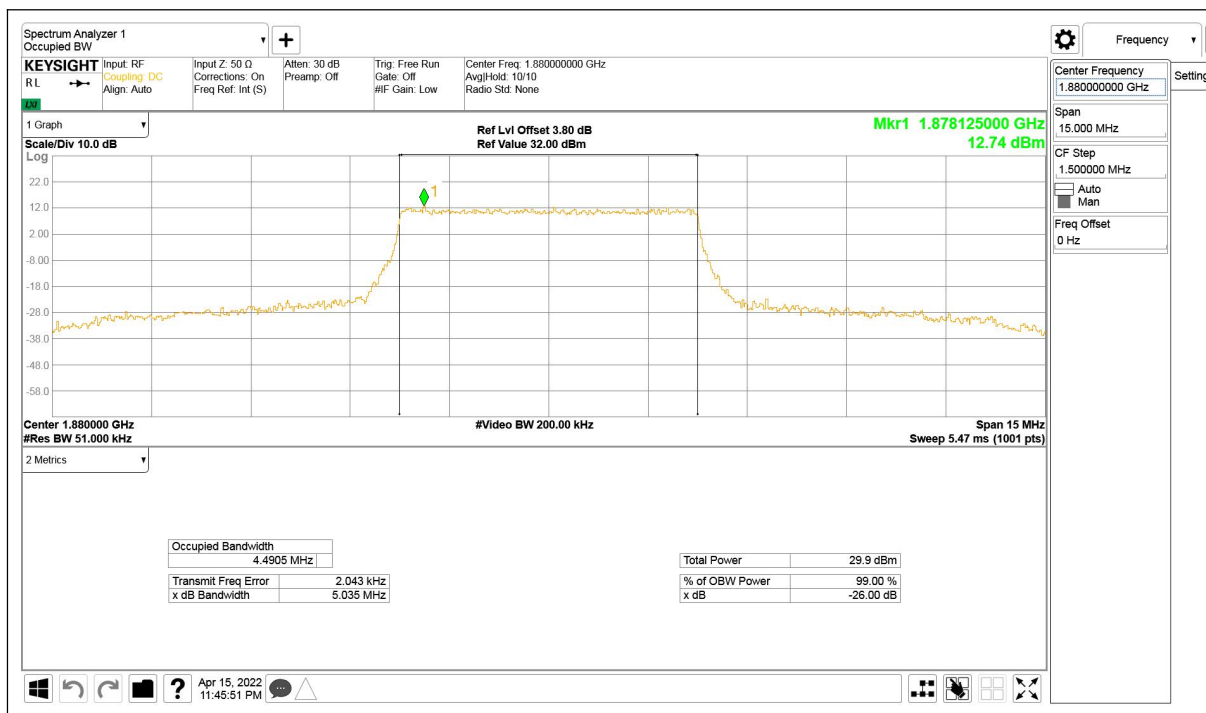
LTE band 2@CA_2+66, 5MHz(-26dBc)

Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)	
	QPSK	16QAM
1880	5.019	5.035

LTE band 2@CA_2+66, 5MHz Bandwidth, QPSK (-26dBc BW)



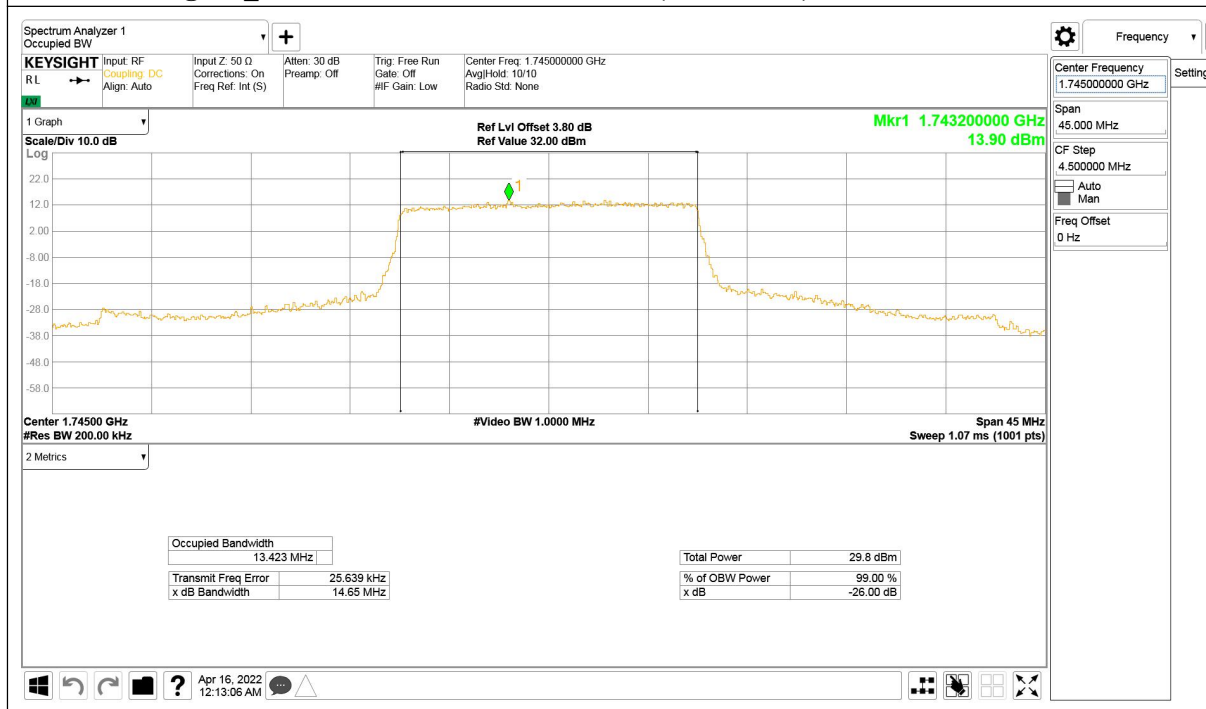
LTE band 2@CA_2+66, 5MHz Bandwidth, 16QAM (-26dBc BW)



LTE band 66@CA_2+66, 15MHz(-26dBc)

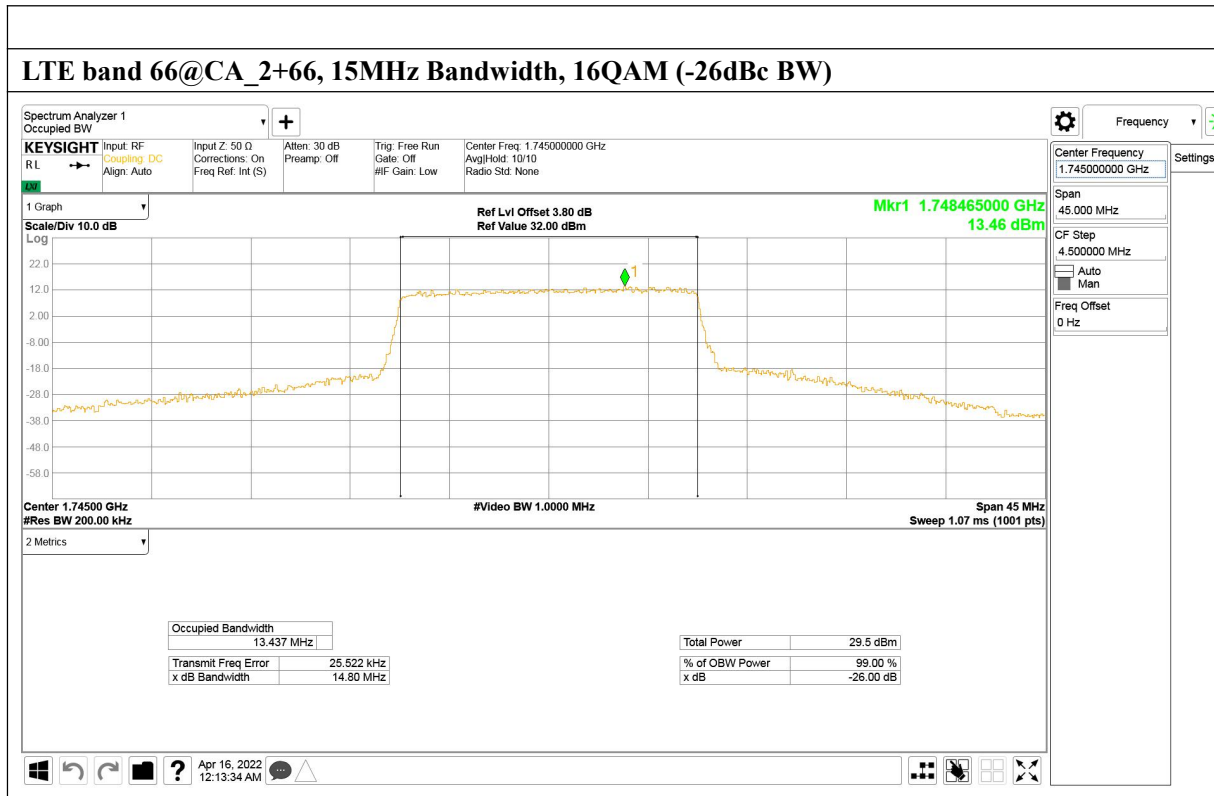
Frequency (MHz)	Occupied Bandwidth (-26dBc) (MHz)	
	QPSK	16QAM
1745	14.904	14.837

LTE band 66@CA_2+66, 15MHz Bandwidth, QPSK (-26dBc BW)



Chongqing Academy of Information and Communication Technology

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336
Tel: 0086-23-88069965 FAX:0086-23-88608777



Chongqing Academy of Information and Communication Technology

Address: No. 8, Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China, 401336
Tel: 0086-23-88069965 FAX: 0086-23-88608777