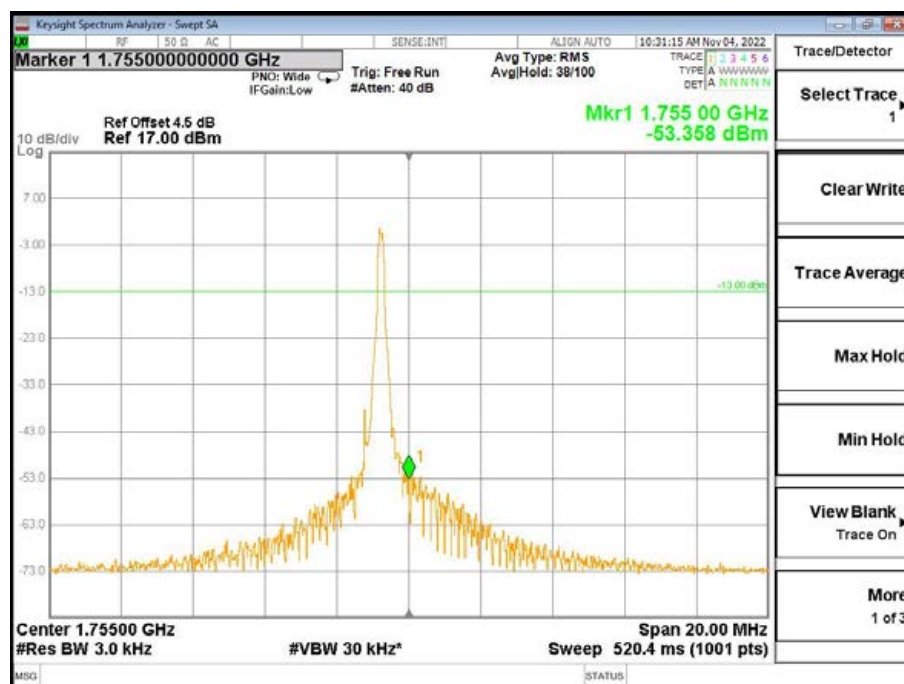
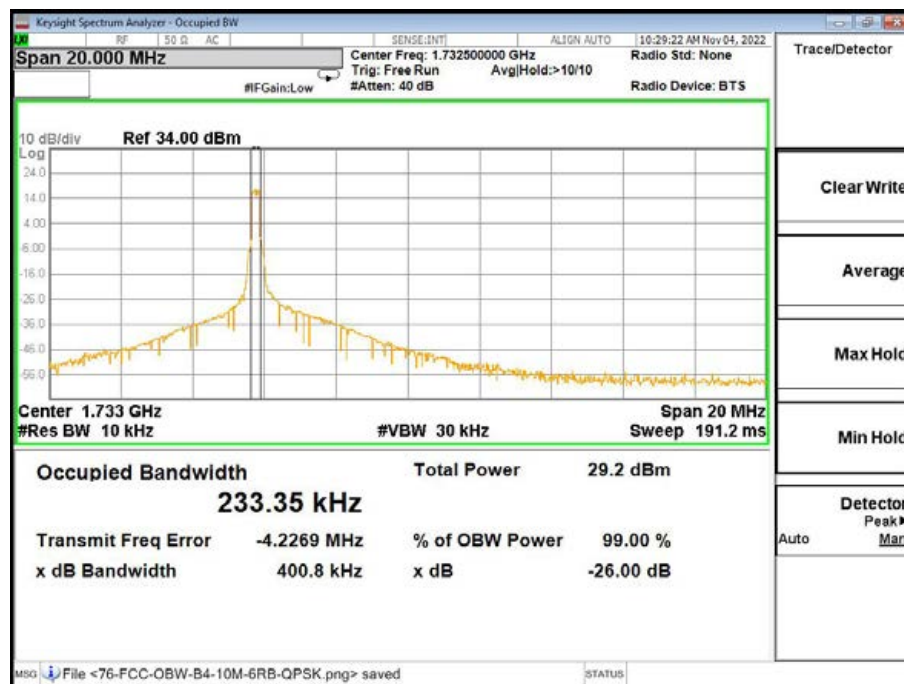




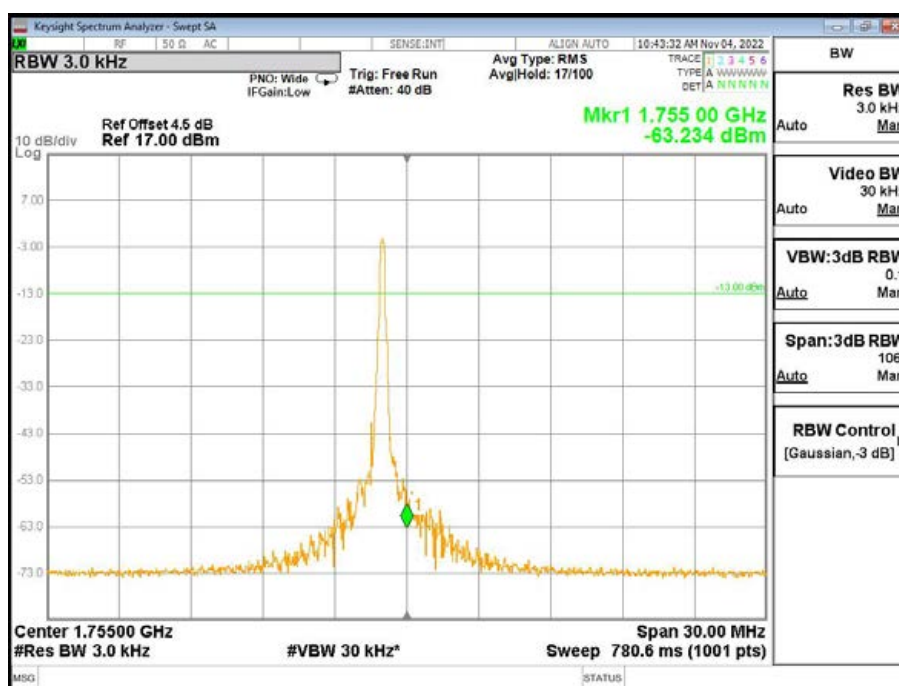
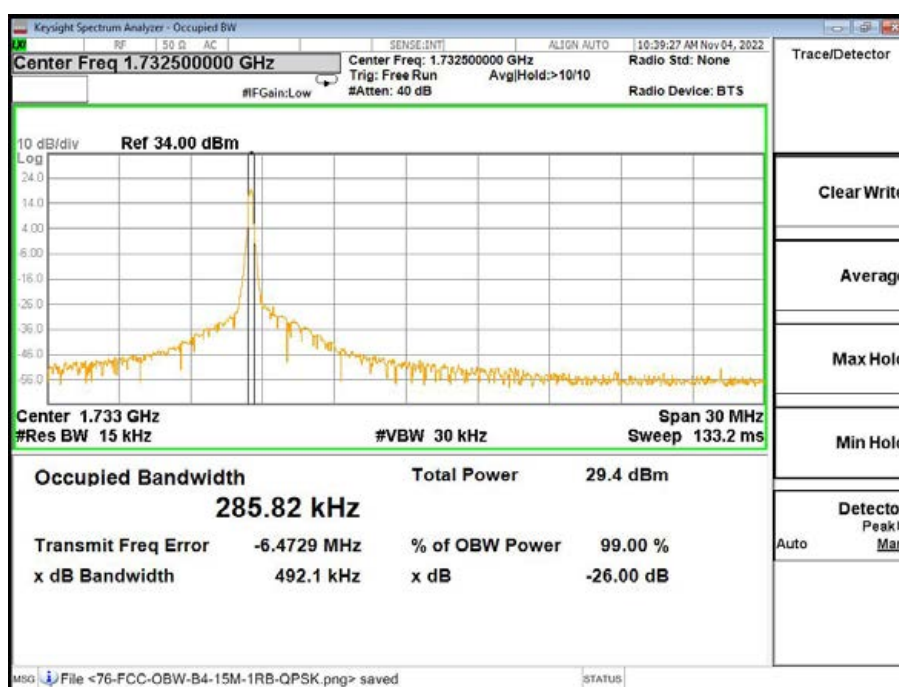
Band4-High Channel-10MHz Bandwidth-1RB-QPSK



Band4-High Channel-10MHz Bandwidth-5RB-16QAM



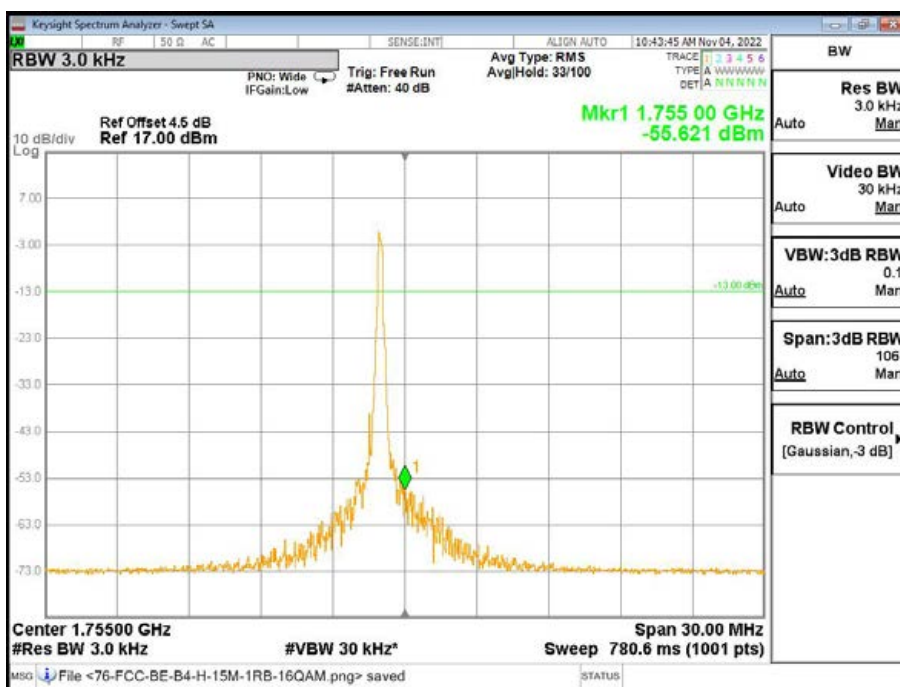
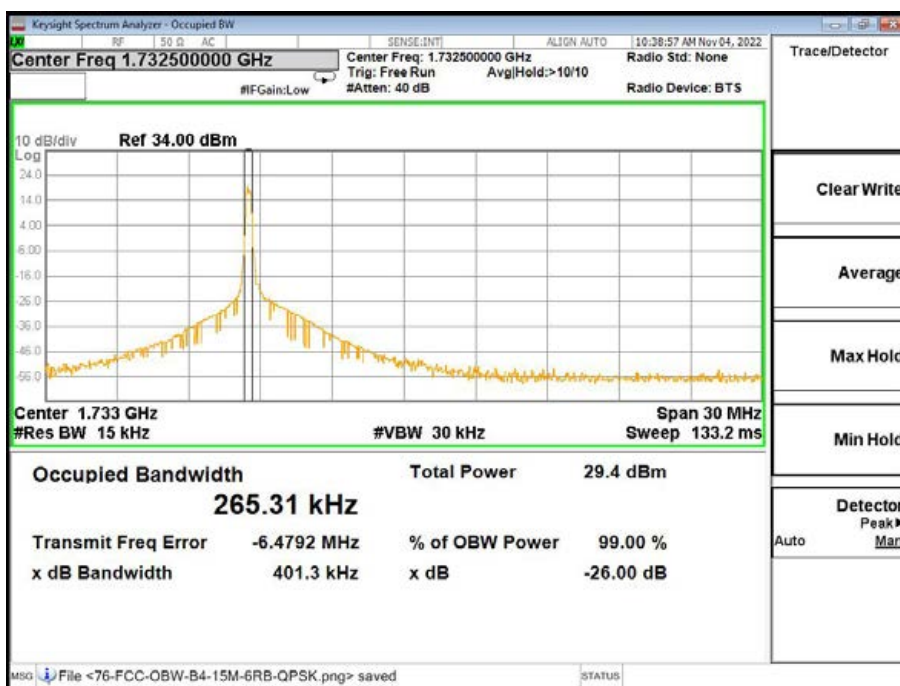
Band4-High Channel-10MHz Bandwidth-6RB-QPSK



Band4-High Channel-15MHz Bandwidth-1RB-16QAM

**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



Band4-High Channel-15MHz Bandwidth-1RB-QPSK

## Chongqing Academy of Information and Communication Technology

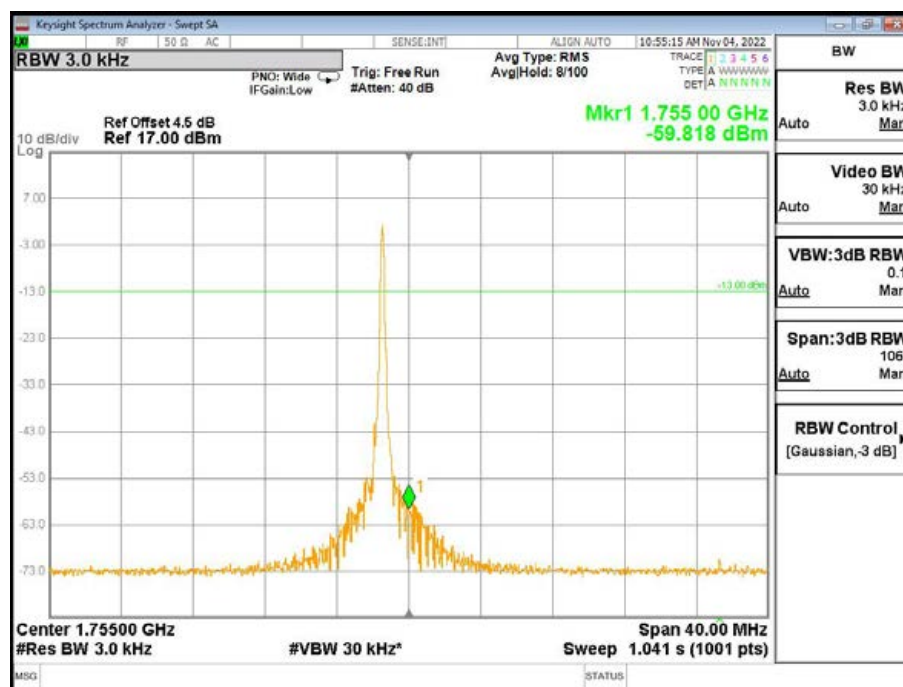
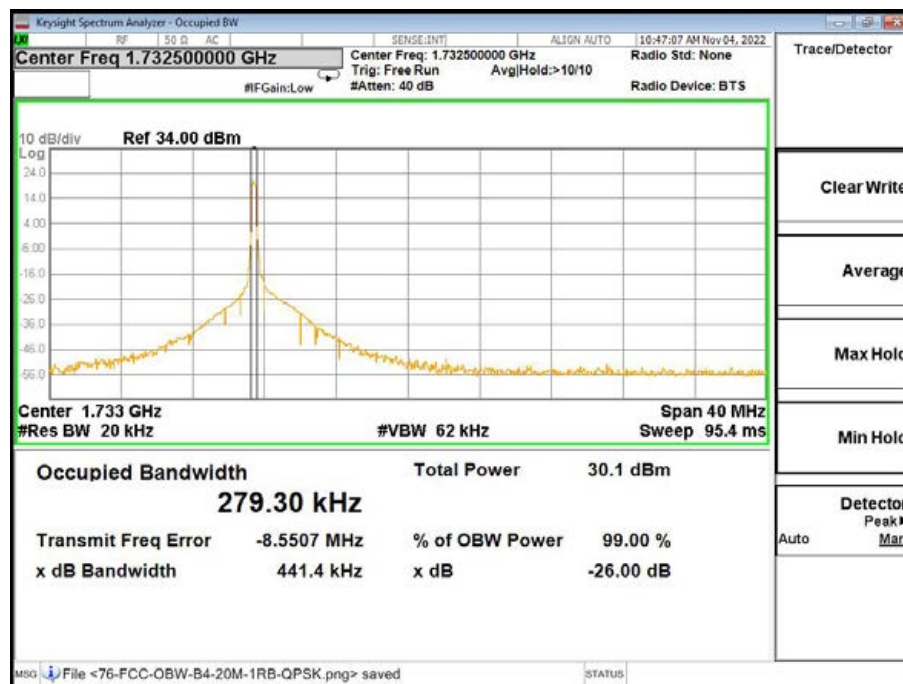
Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX:0086-23-88608777



Band4-High Channel-15MHz Bandwidth-5RB-16QAM



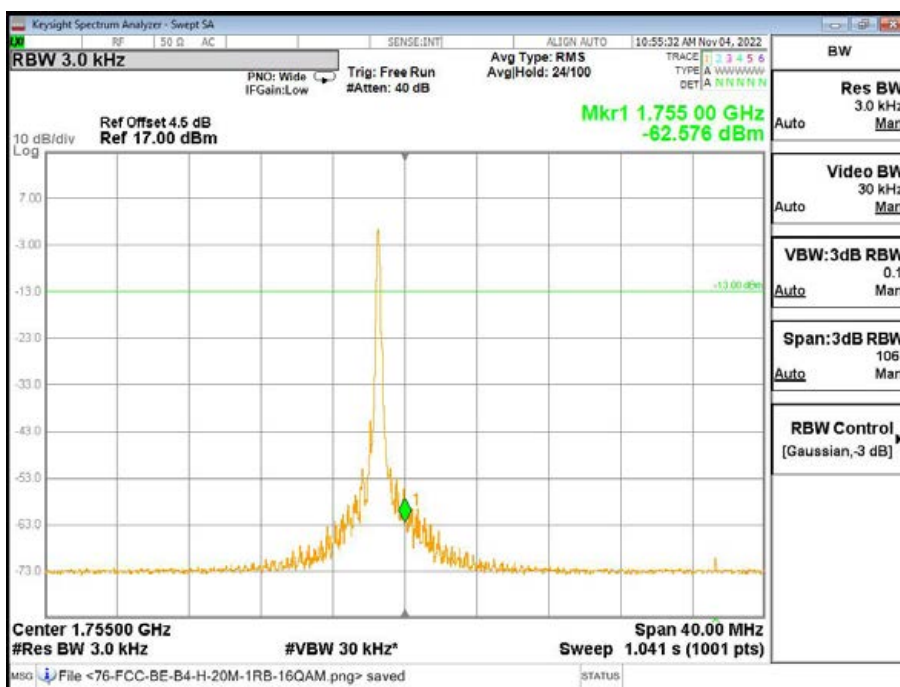
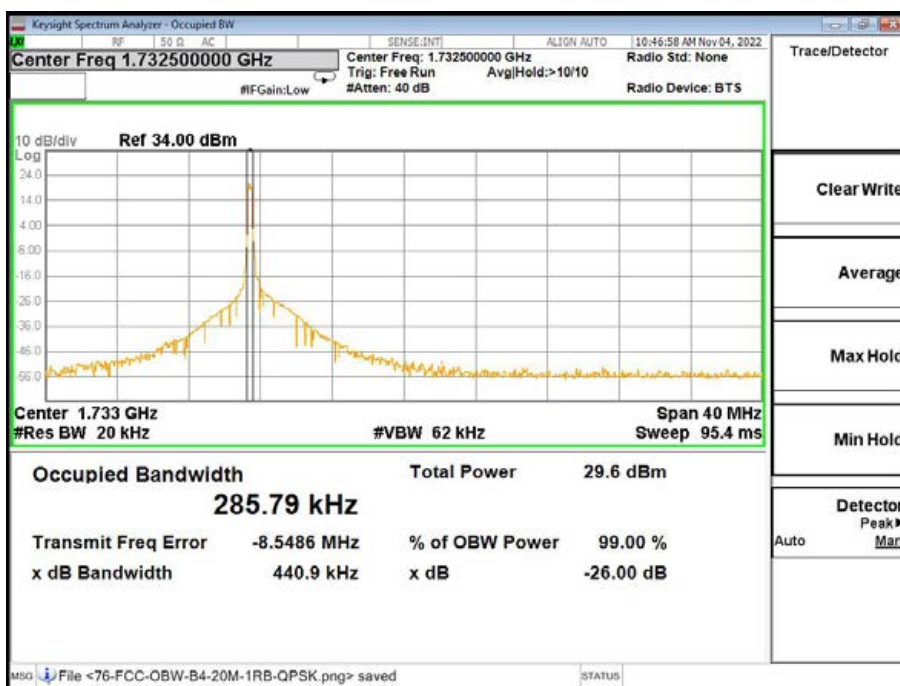
Band4-High Channel-15MHz Bandwidth-6RB-QPSK



Band4-High Channel-20MHz Bandwidth-1RB-16QAM

## 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



Band4-High Channel-20MHz Bandwidth-1RB-QPSK

## Chongqing Academy of Information and Communication Technology

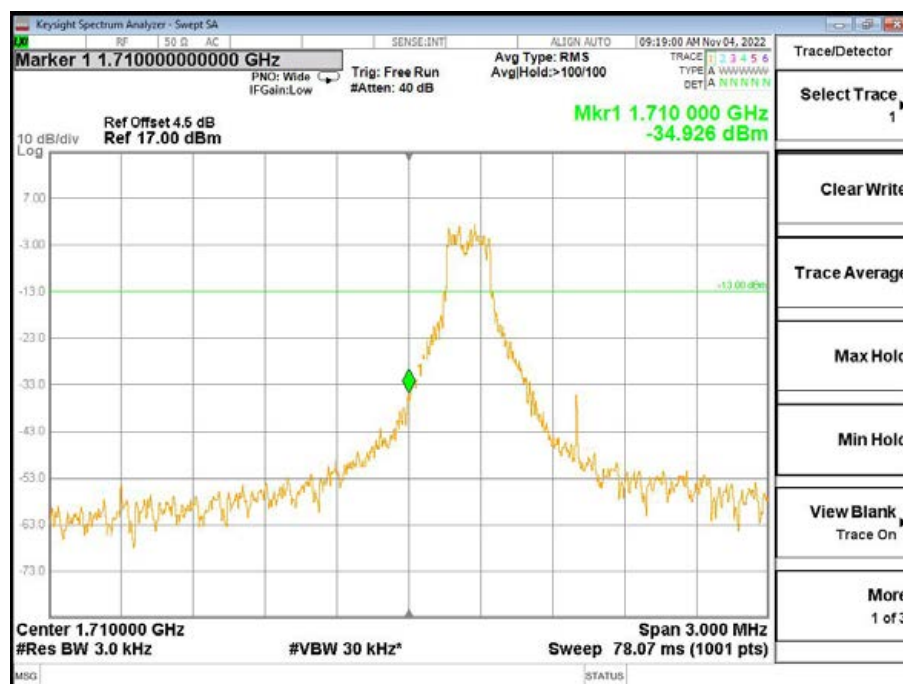
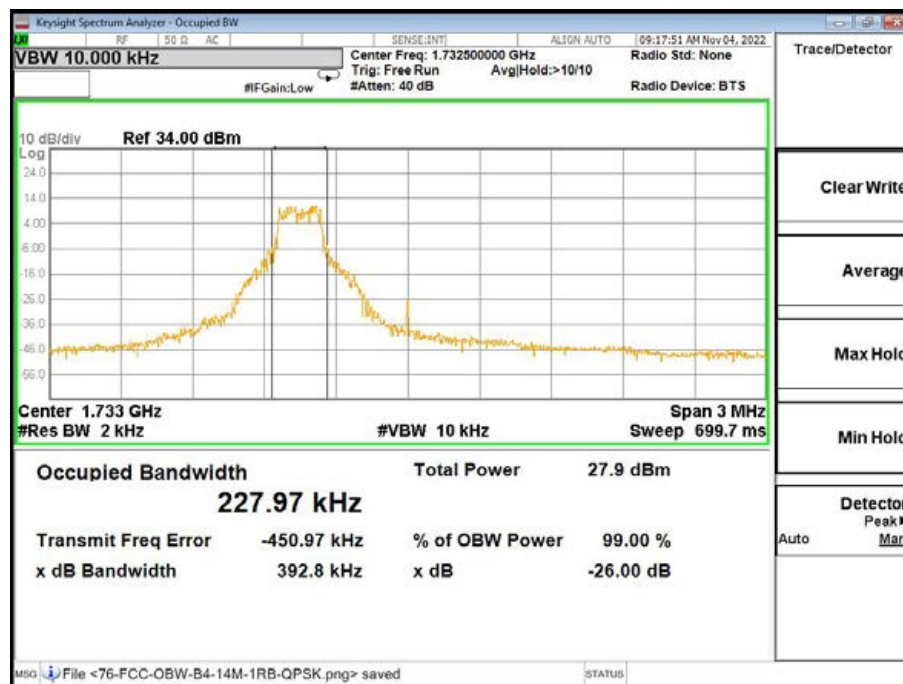
Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX:0086-23-88608777



Band4-High Channel-20MHz Bandwidth-5RB-16QAM



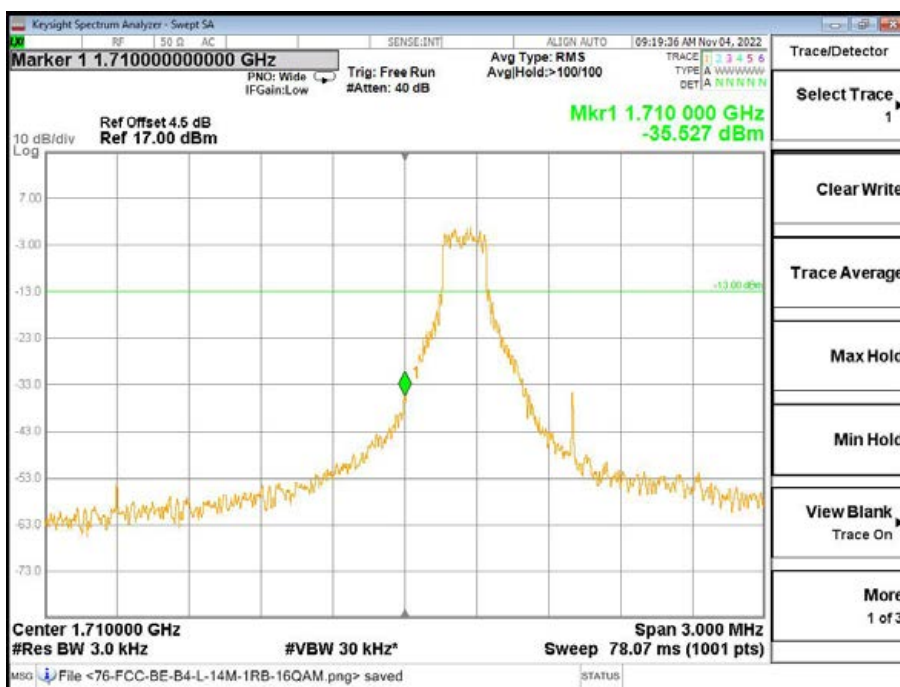
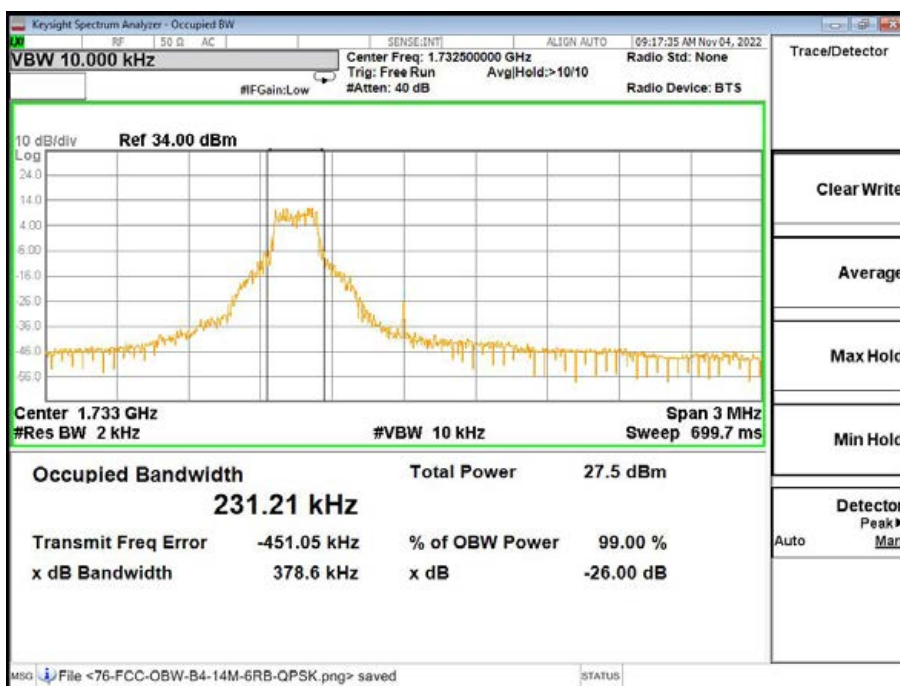
Band4-High Channel-20MHz Bandwidth-6RB-QPSK



Band4-Low Channel-1.4MHz Bandwidth-1RB-16QAM

## Chongqing Academy of Information and Communication Technology

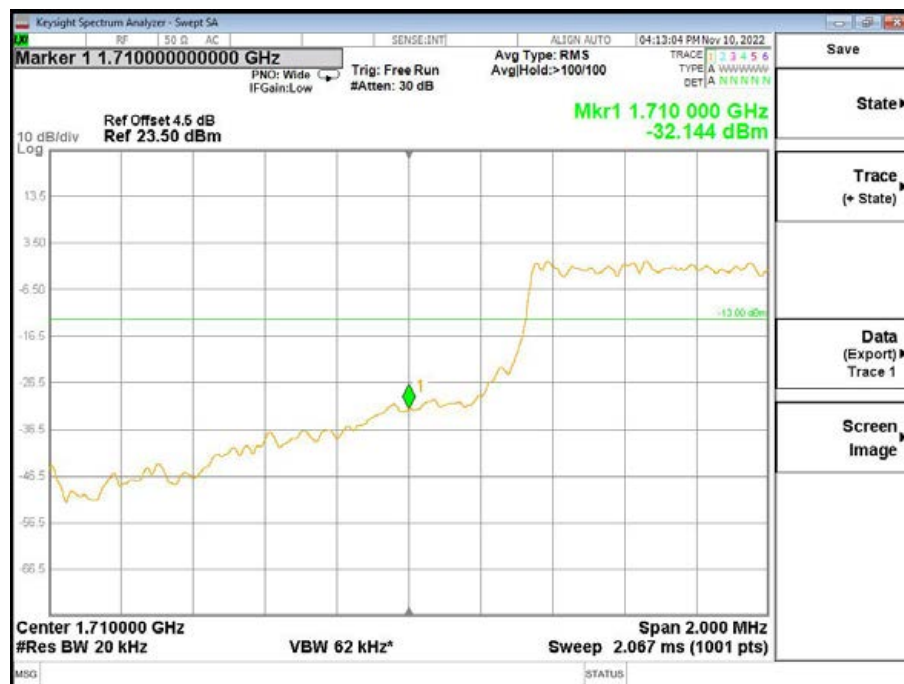
Address: No. 8, Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China, 401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777



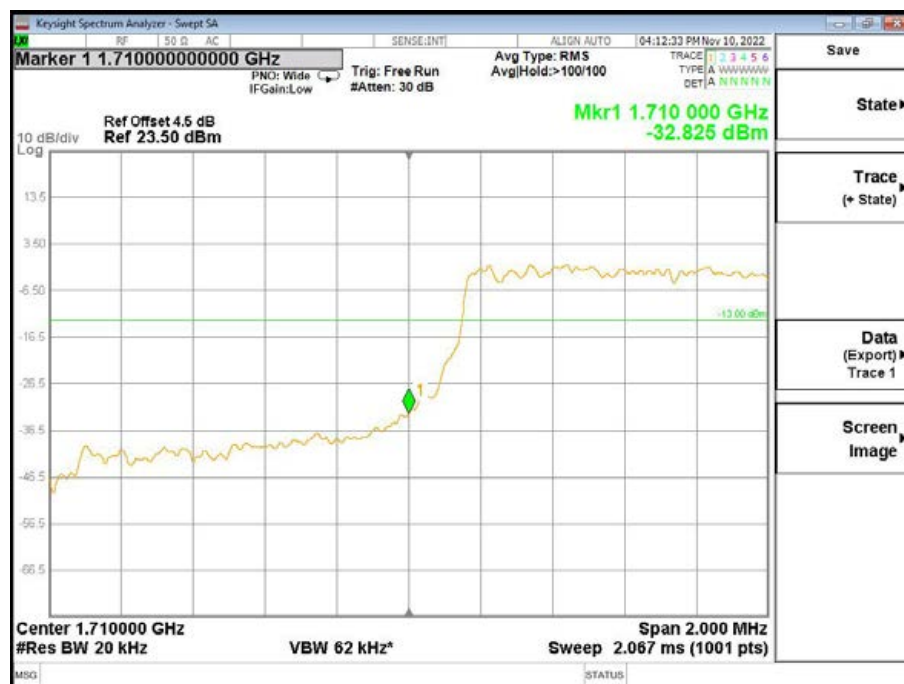
Band4-Low Channel-1.4MHz Bandwidth-1RB-QPSK

## 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



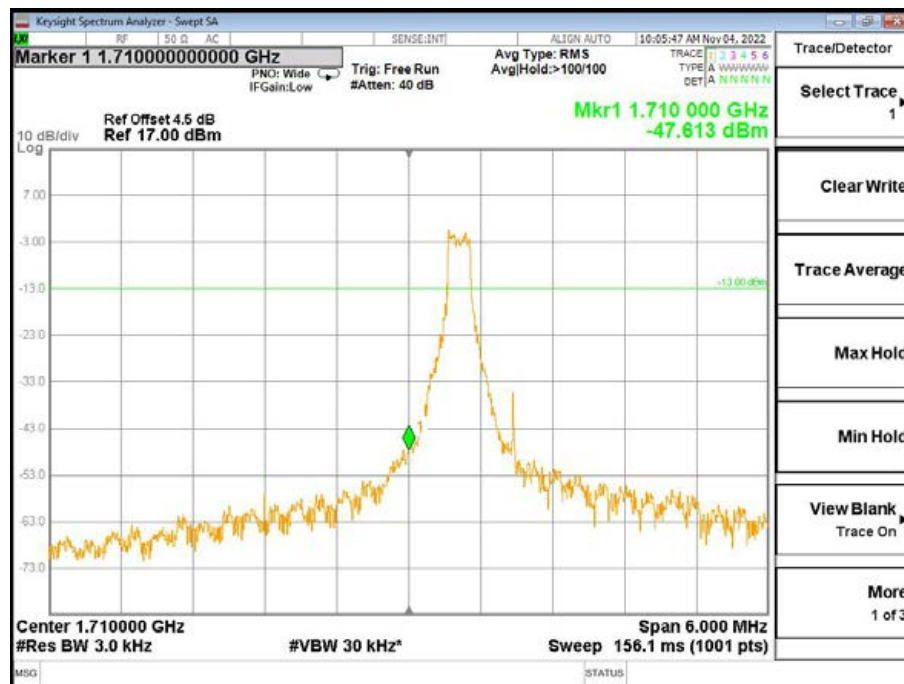
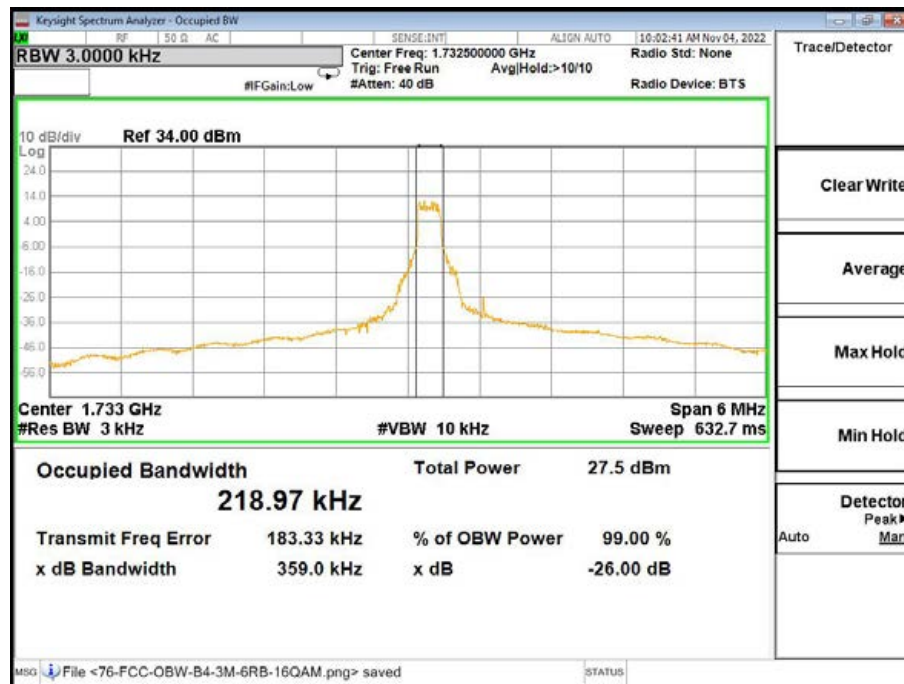
Band4-Low Channel-1.4MHz Bandwidth-5RB-16QAM



Band4-Low Channel-1.4MHz Bandwidth-6RB-QPSK

## Chongqing Academy of Information and Communication Technology

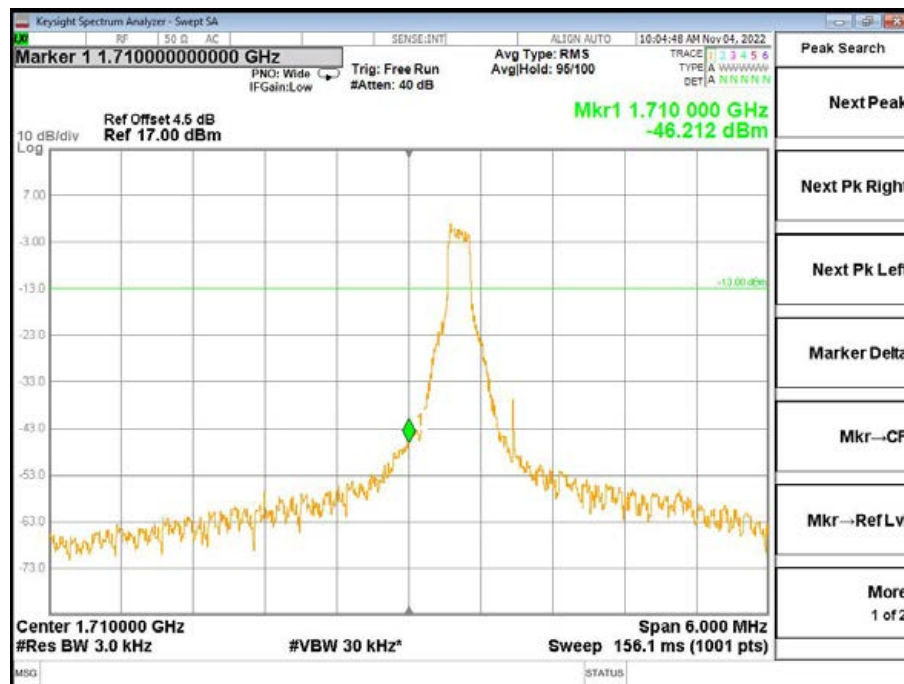
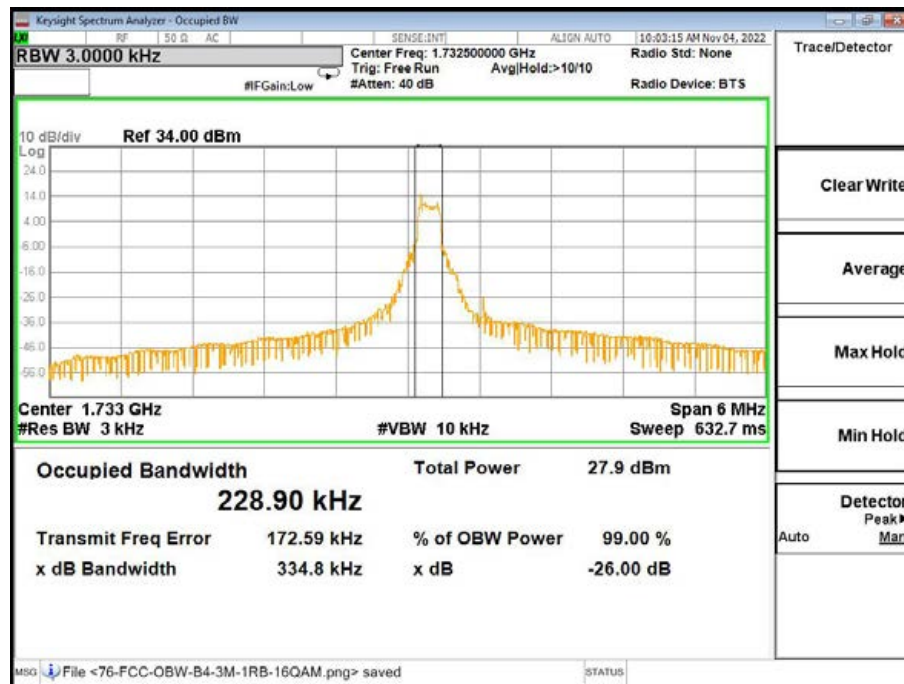
Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX:0086-23-88608777



Band4-Low Channel-3MHz Bandwidth-1RB-16QAM

## 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



Band4-Low Channel-3MHz Bandwidth-1RB-QPSK

## 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



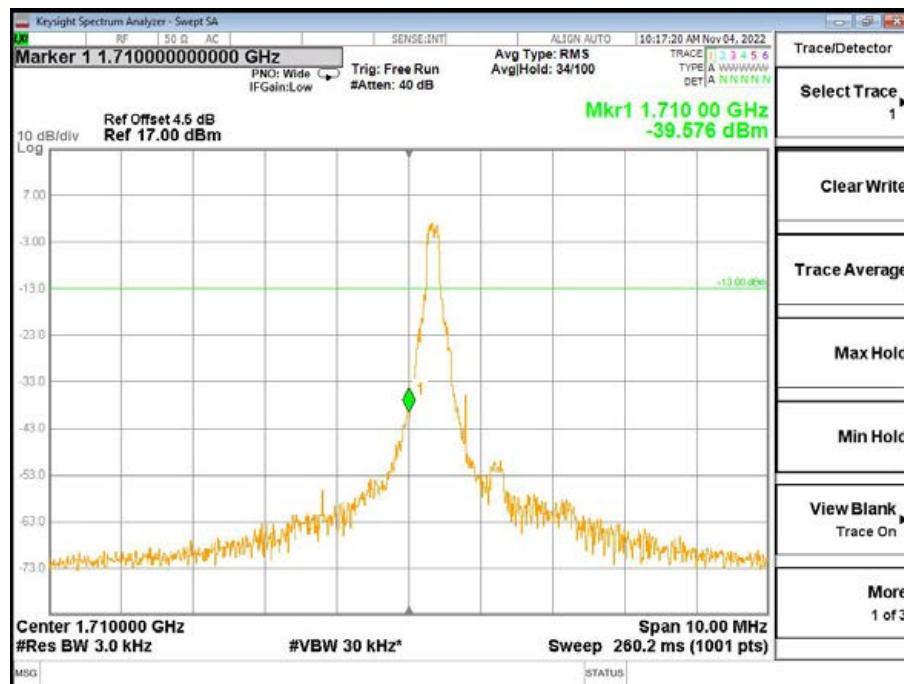
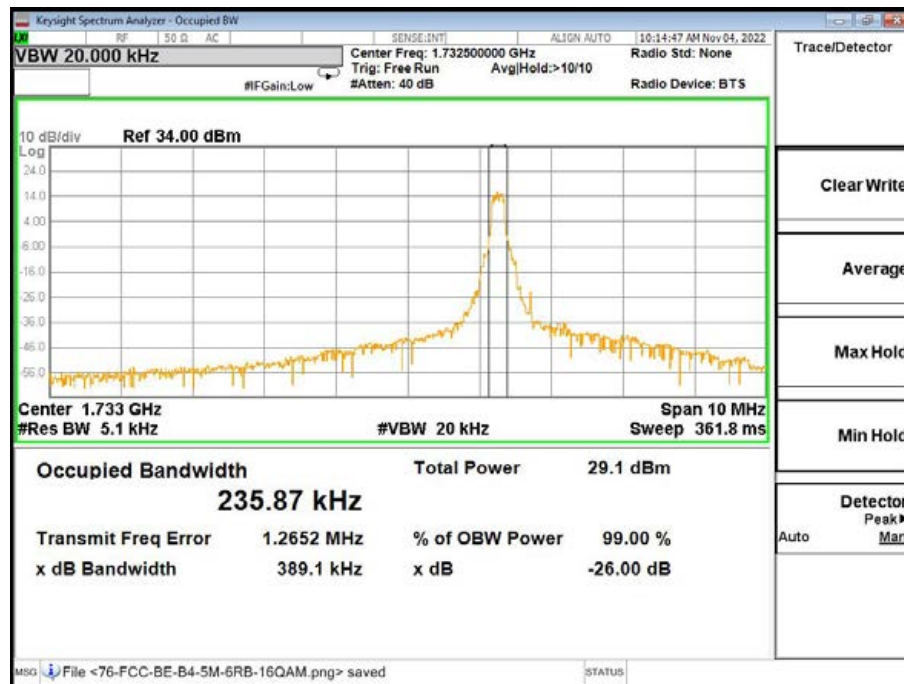
Band4-Low Channel-3MHz Bandwidth-5RB-16QAM



Band4-Low Channel-3MHz Bandwidth-6RB-QPSK

## Chongqing Academy of Information and Communication Technology

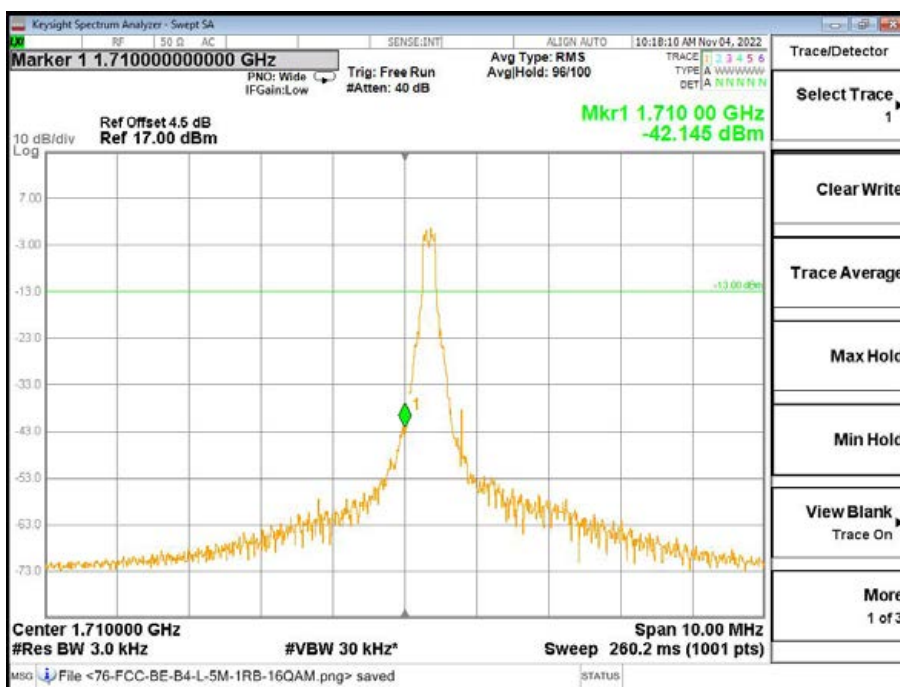
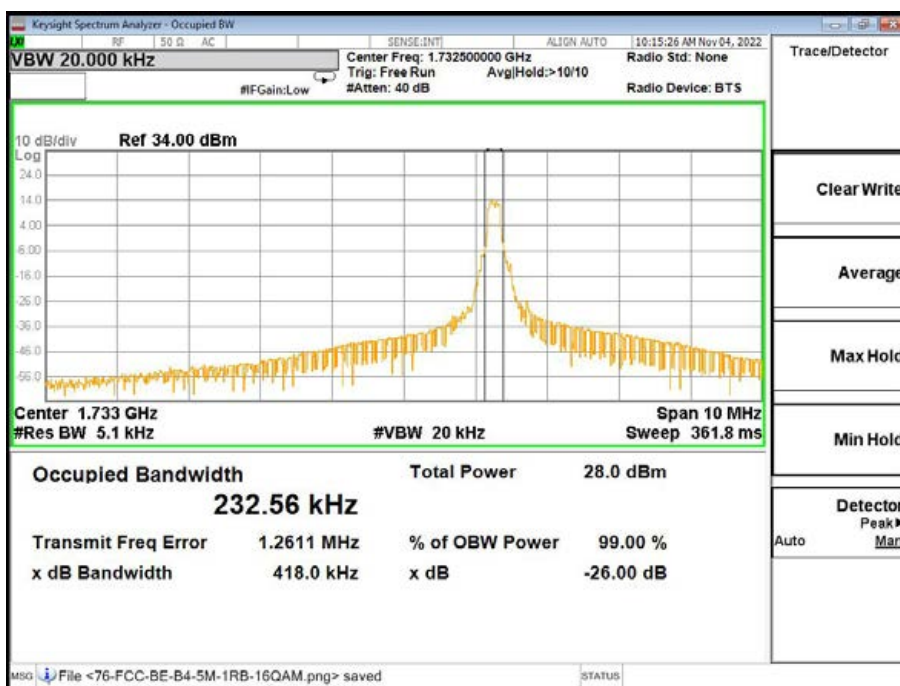
Address: No. 8, Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China, 401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777



Band4-Low Channel-5MHz Bandwidth-1RB-16QAM

## 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



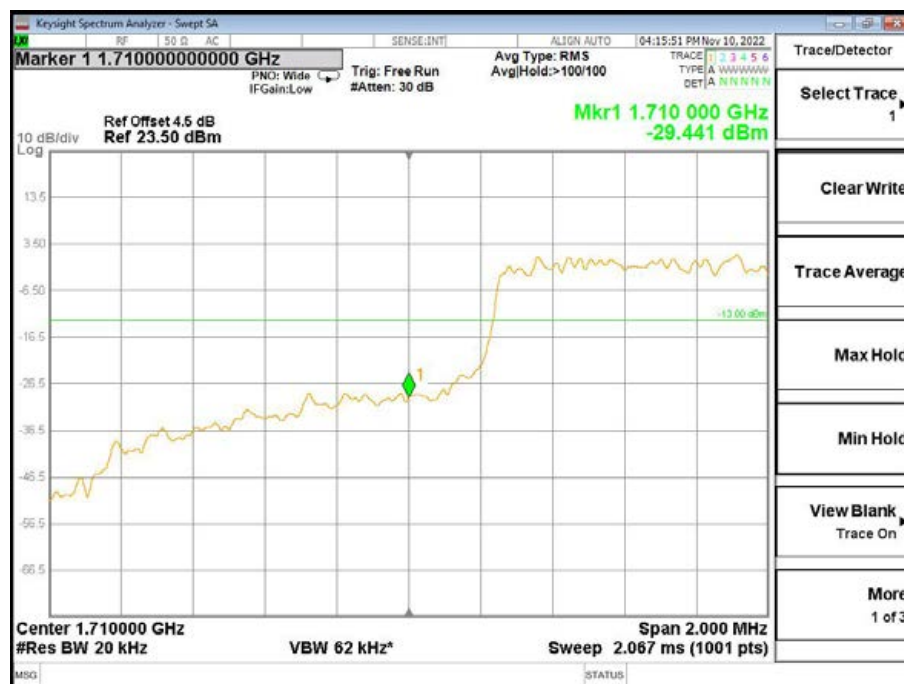
Band4-Low Channel-5MHz Bandwidth-1RB-QPSK

## Chongqing Academy of Information and Communication Technology

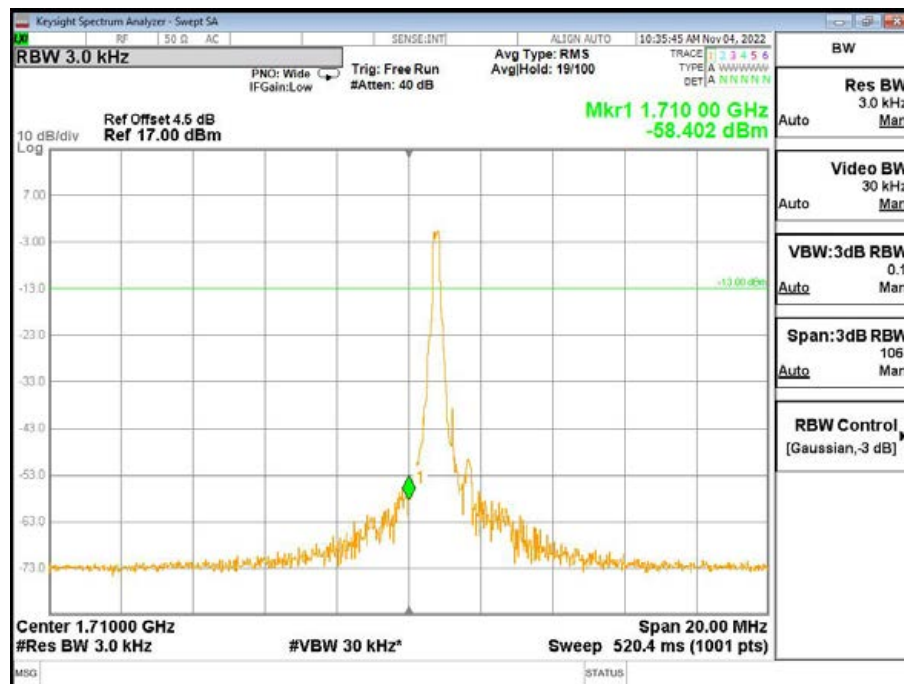
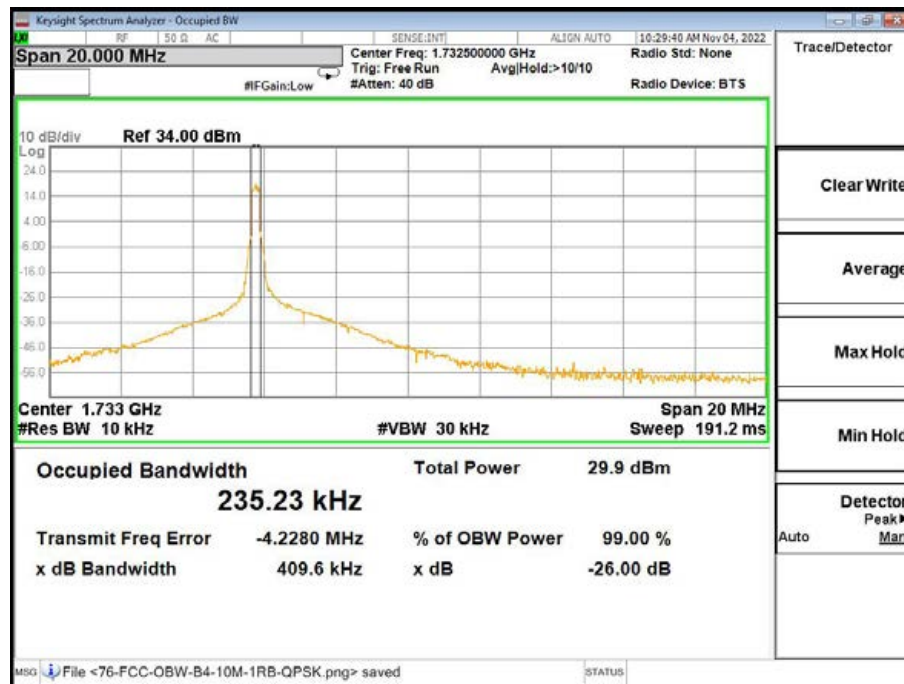
Address: No. 8, Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China, 401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777



Band4-Low Channel-5MHz Bandwidth-5RB-16QAM



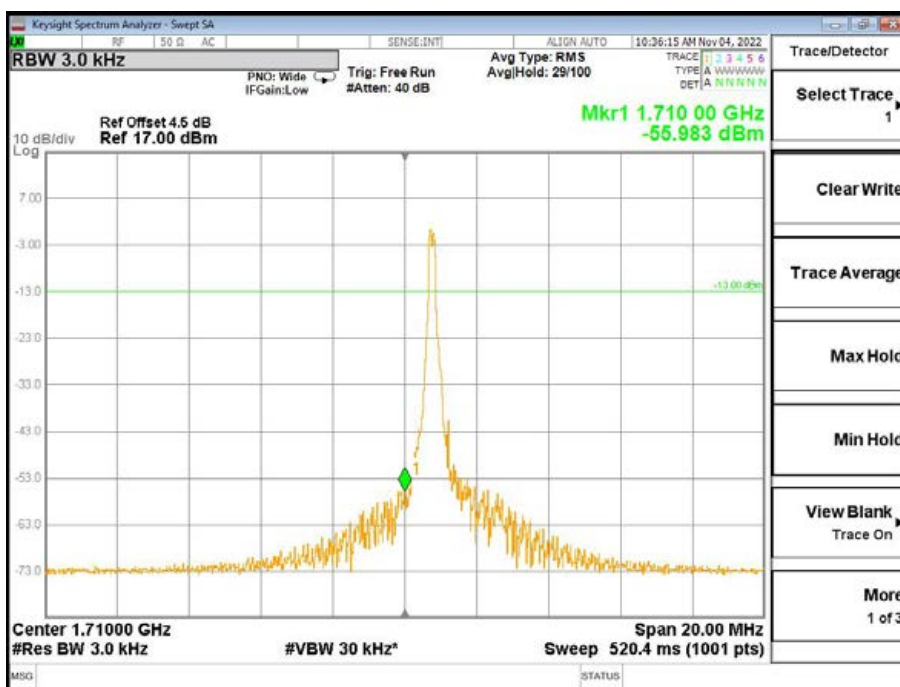
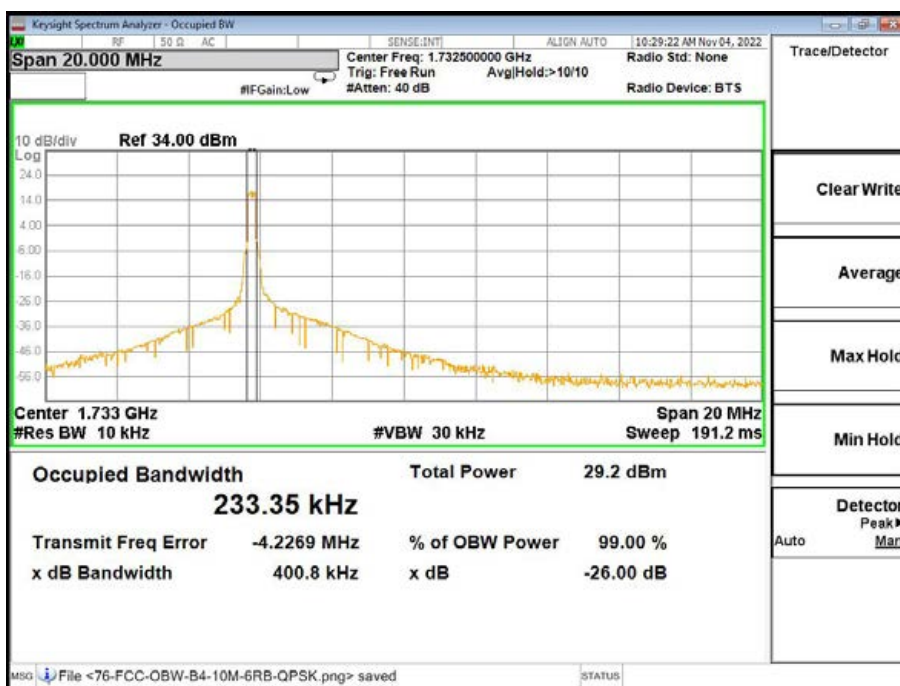
Band4-Low Channel-5MHz Bandwidth-6RB-QPSK



Band4-Low Channel-10MHz Bandwidth-1RB-16QAM

## 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



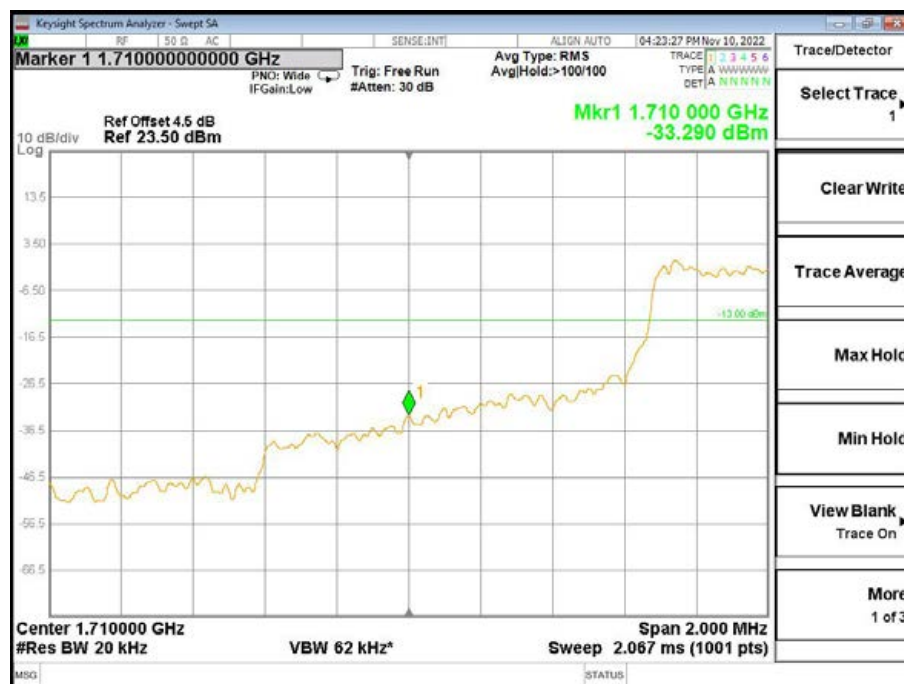
Band4-Low Channel-10MHz Bandwidth-1RB-QPSK

## 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



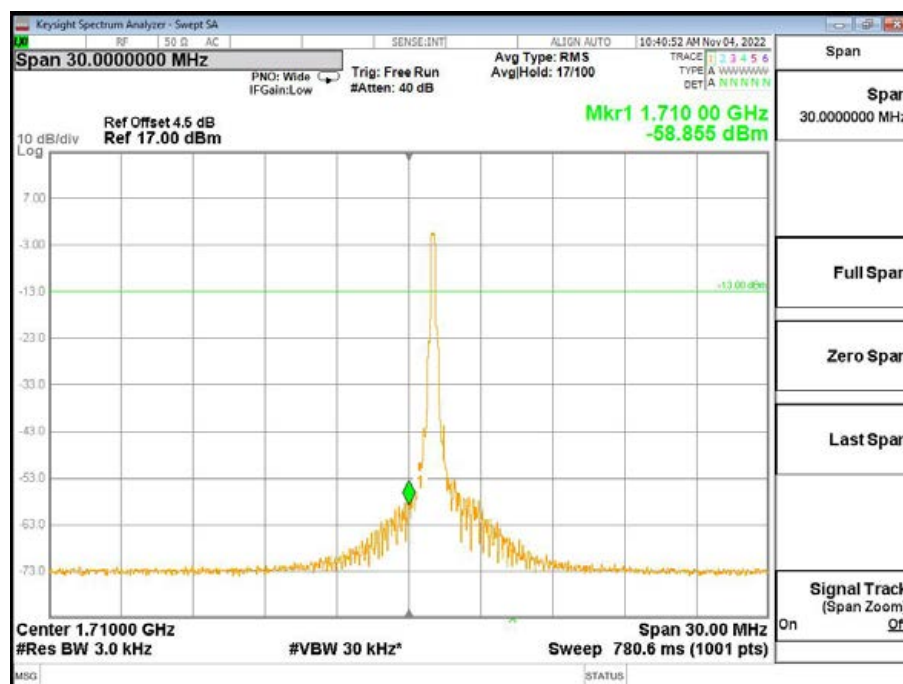
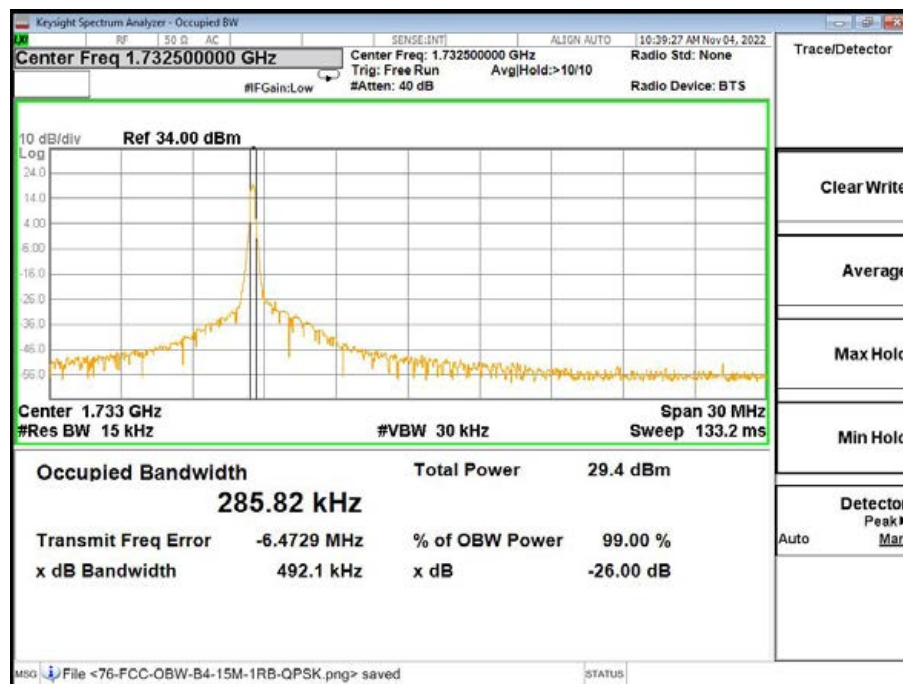
Band4-Low Channel-10MHz Bandwidth-5RB-16QAM



Band4-Low Channel-10MHz Bandwidth-6RB-QPSK

## Chongqing Academy of Information and Communication Technology

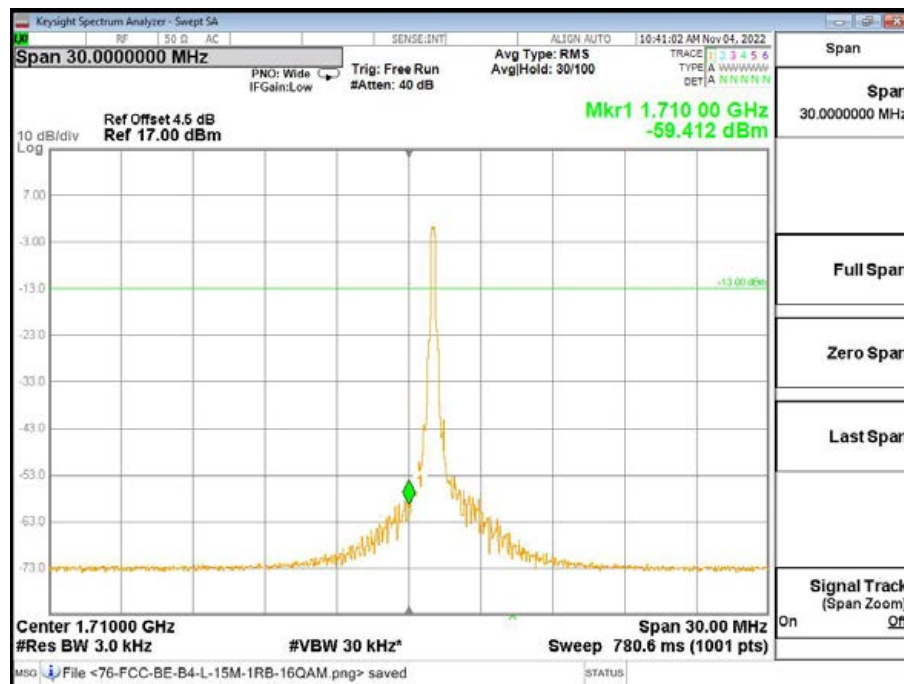
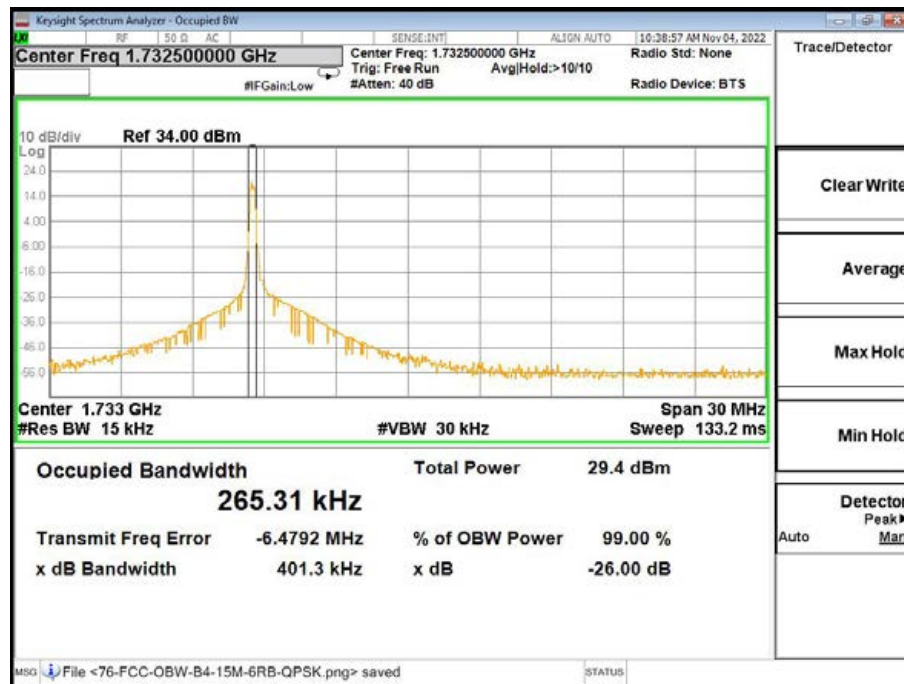
Address: No. 8, Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China, 401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777



Band4-Low Channel-15MHz Bandwidth-1RB-16QAM

## Chongqing Academy of Information and Communication Technology

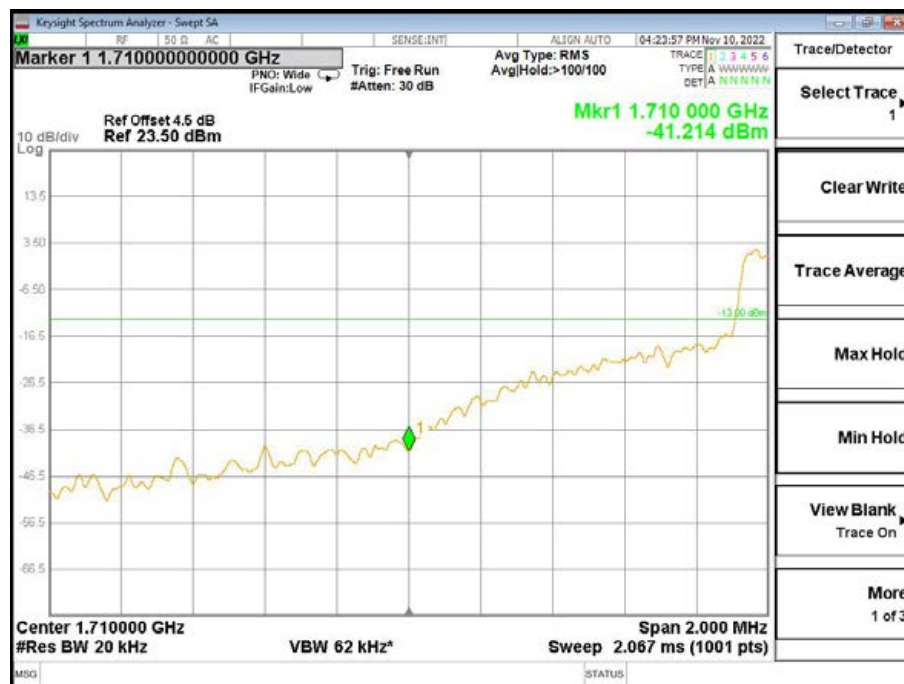
Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX:0086-23-88608777



Band4-Low Channel-15MHz Bandwidth-1RB-QPSK

## 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



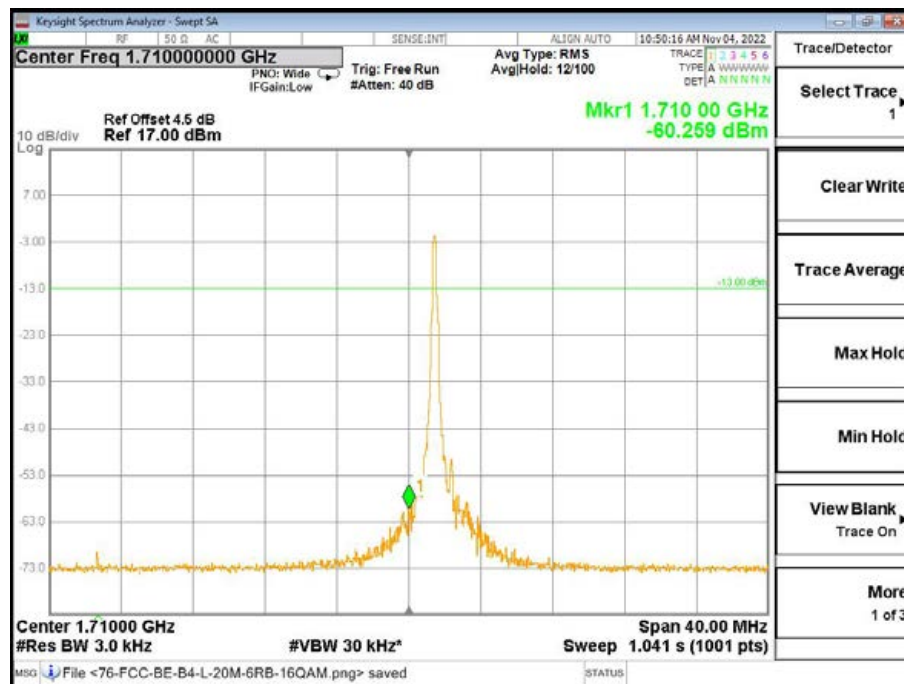
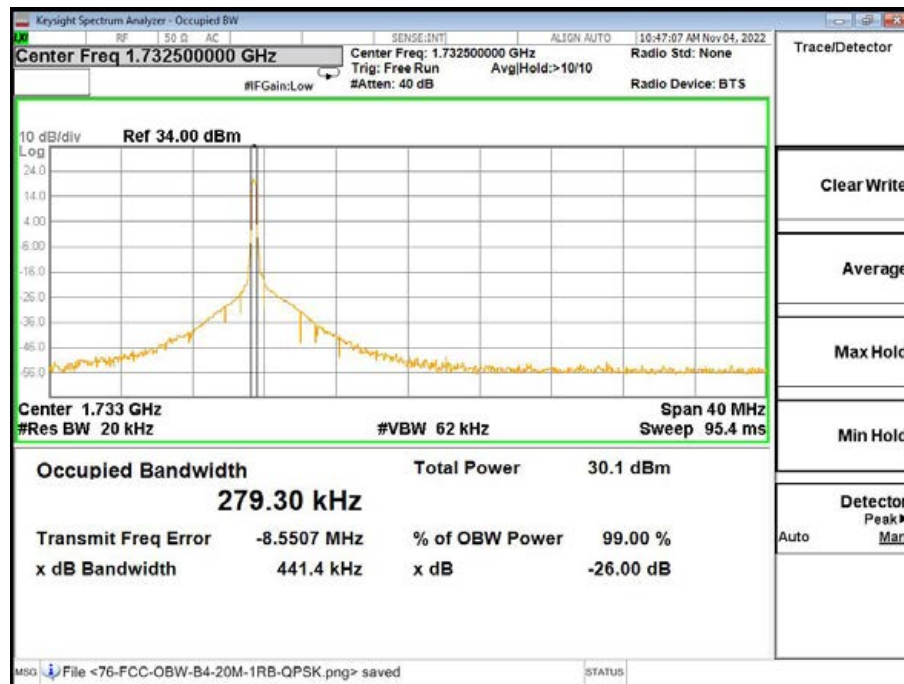
Band4-Low Channel-15MHz Bandwidth-5RB-16QAM



Band4-Low Channel-15MHz Bandwidth-6RB-QPSK

## Chongqing Academy of Information and Communication Technology

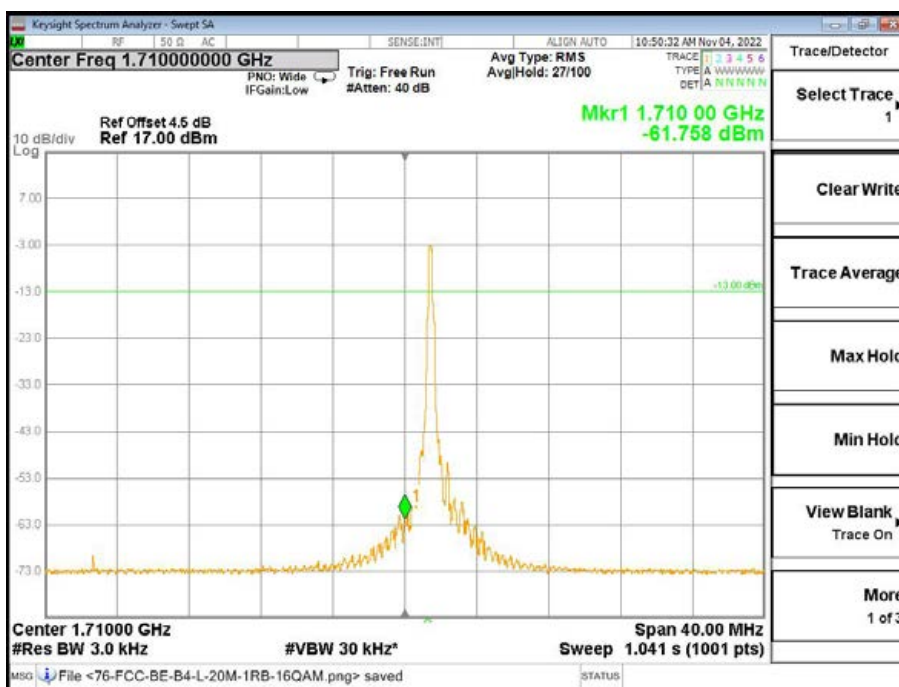
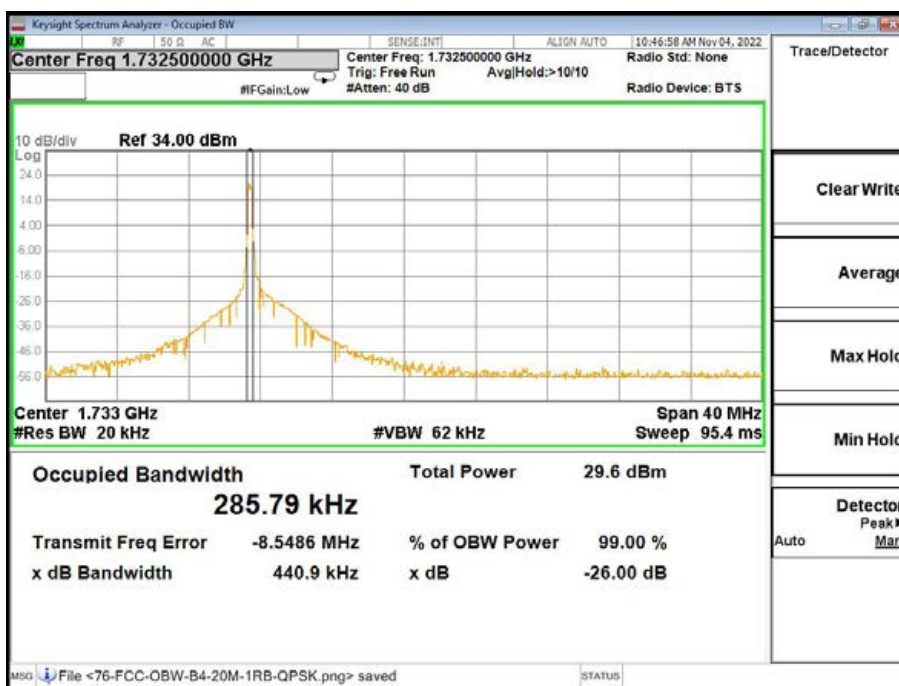
Address: No. 8, Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China, 401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777



Band4-Low Channel-20MHz Bandwidth-1RB-16QAM

## 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



Band4-Low Channel-20MHz Bandwidth-1RB-QPSK

## 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

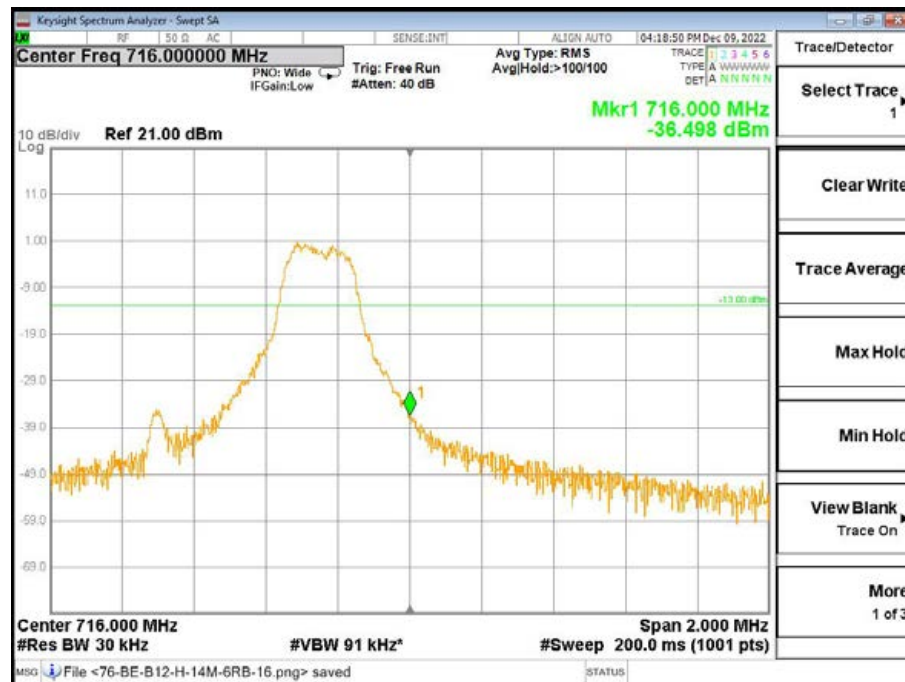


Band4-Low Channel-20MHz Bandwidth-5RB-16QAM

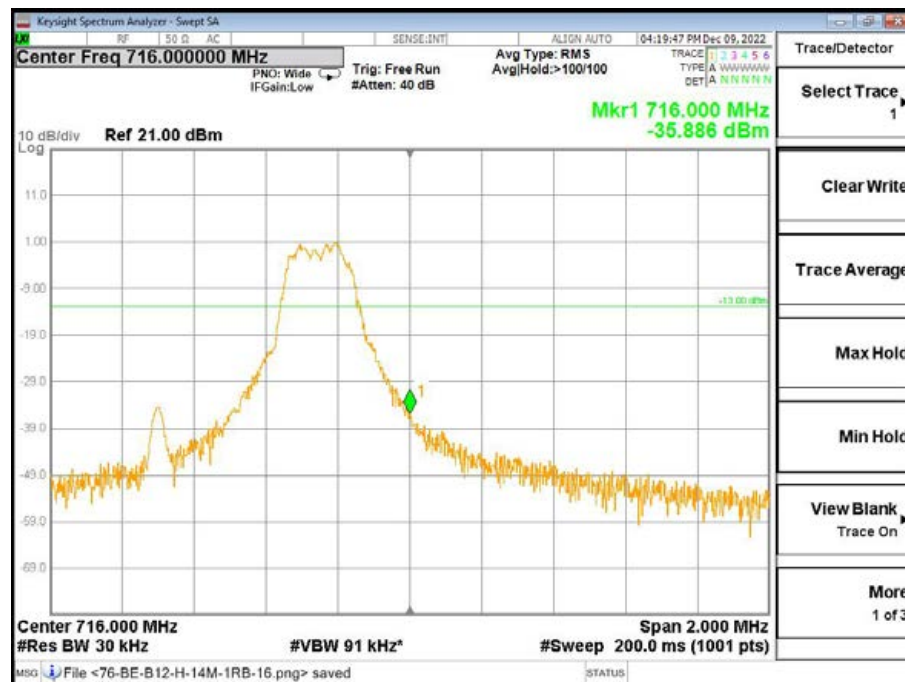


Band4-Low Channel-20MHz Bandwidth-6RB-QPSK

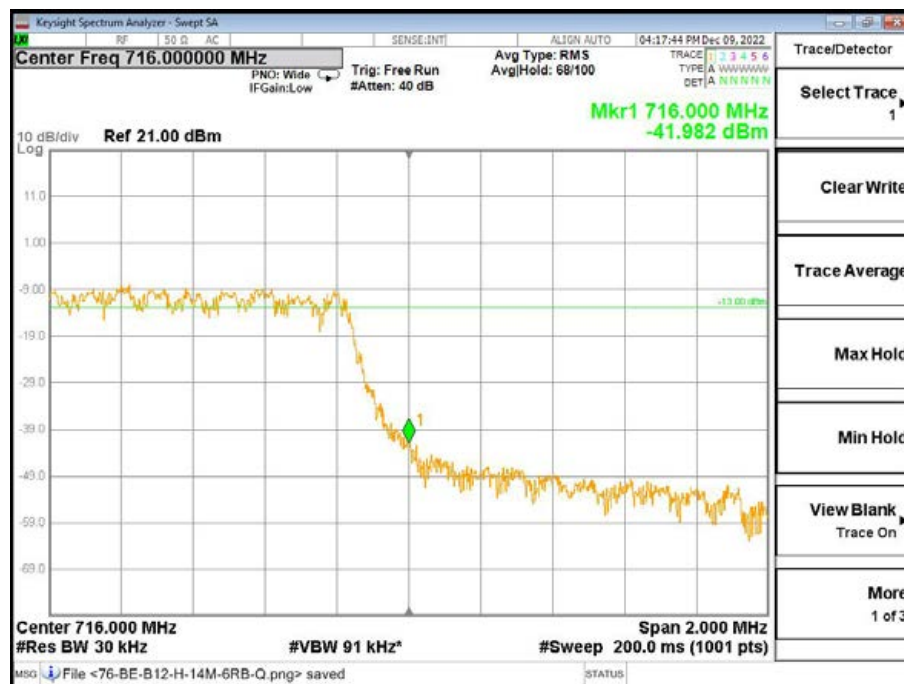
### 6.7.3 CAT-M Band 12 Edge Results



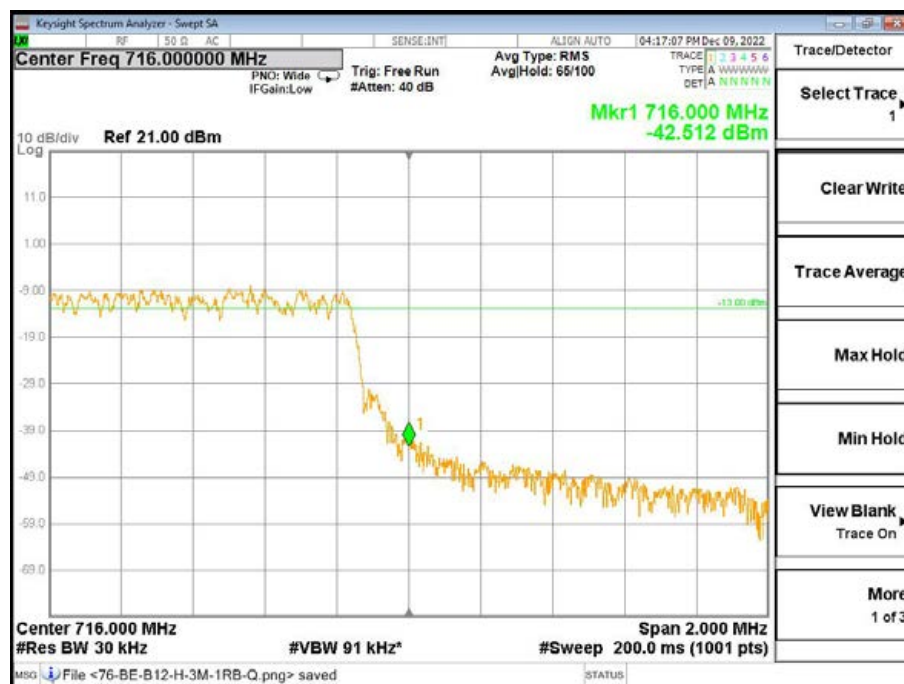
High Channel-1.4MHz Bandwidth-1RB-16QAM



High Channel-1.4MHz Bandwidth-1RB-QPSK



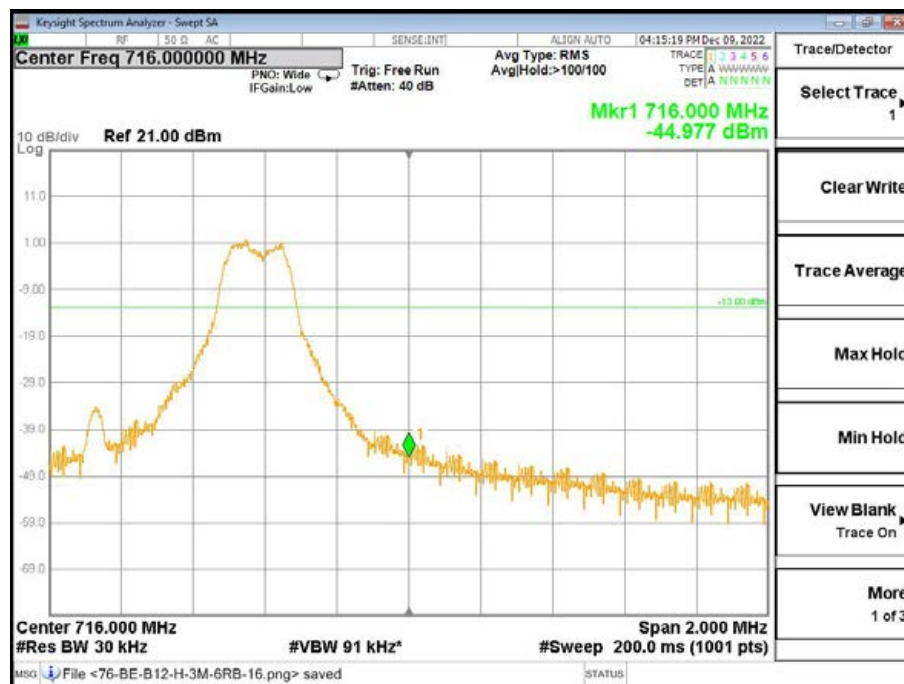
High Channel-1.4MHz Bandwidth-5RB-16QAM



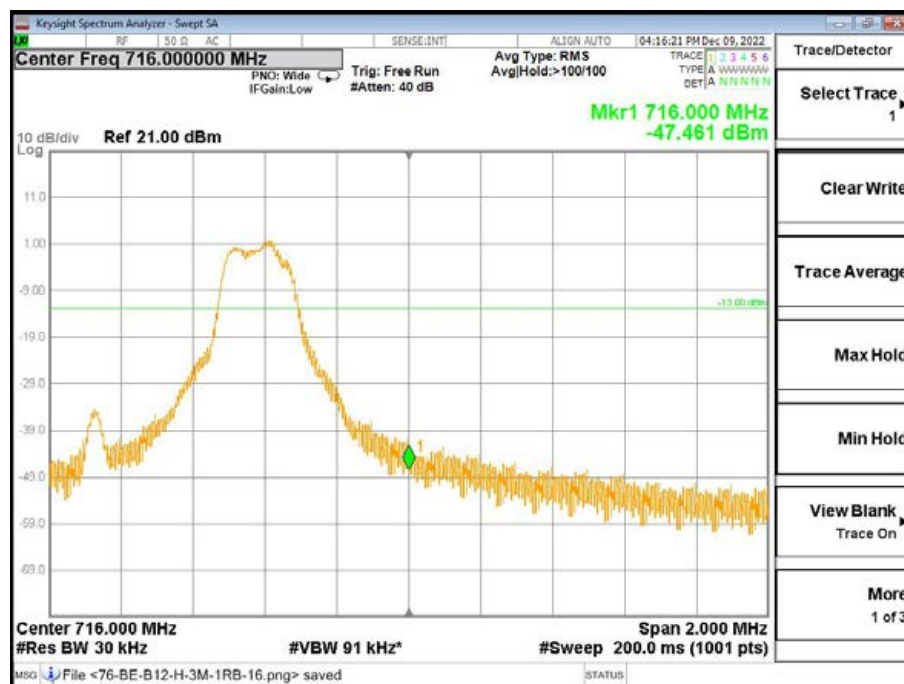
High Channel-1.4MHz Bandwidth-6RB-QPSK

## 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



High Channel-3MHz Bandwidth-1RB-16QAM



High Channel-3MHz Bandwidth-1RB-QPSK



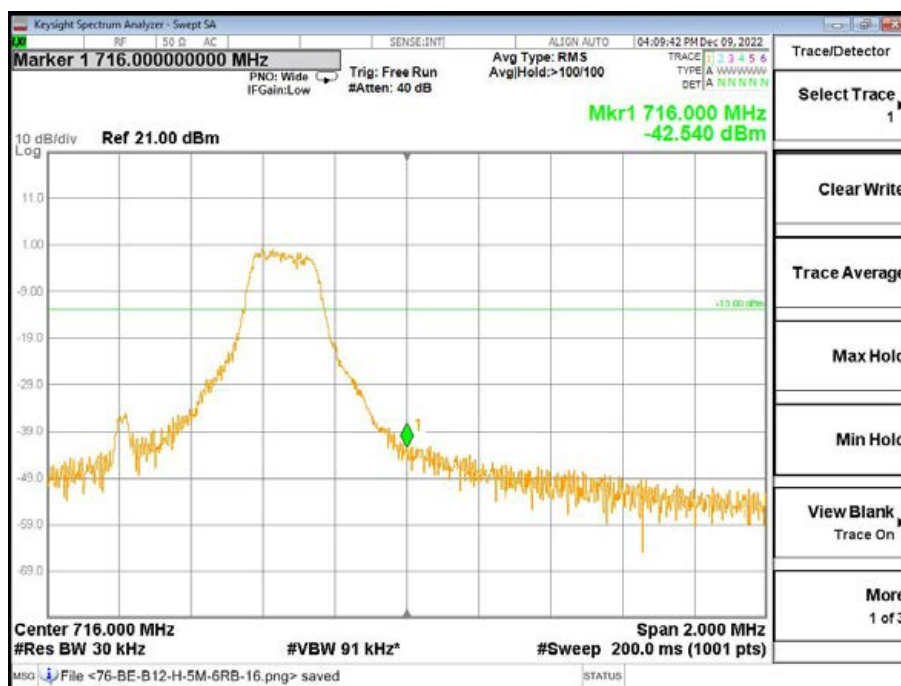
High Channel-3MHz Bandwidth-5RB-16QAM



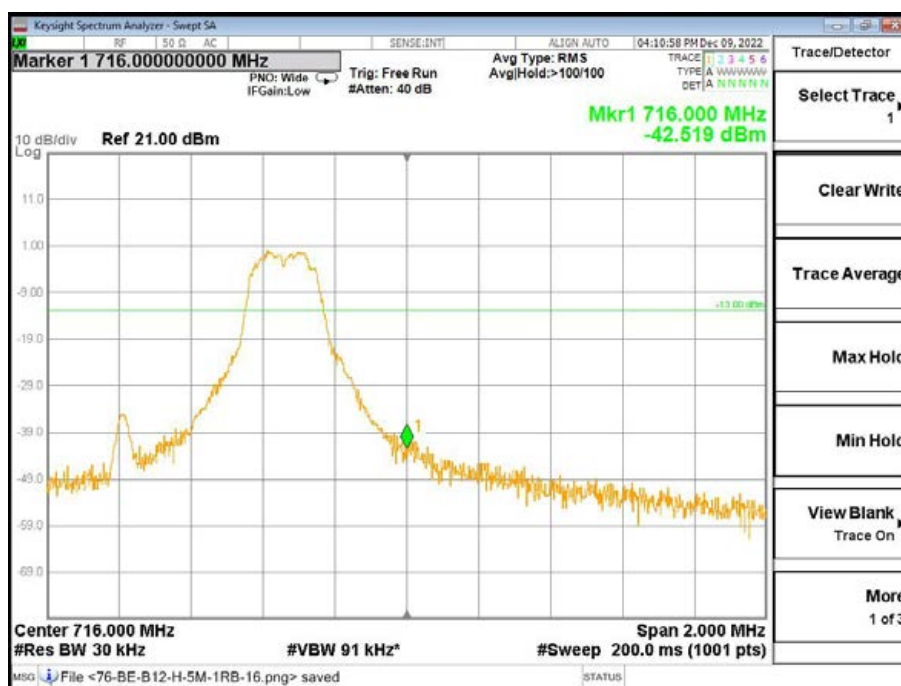
High Channel-3MHz Bandwidth-6RB-QPSK

## 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



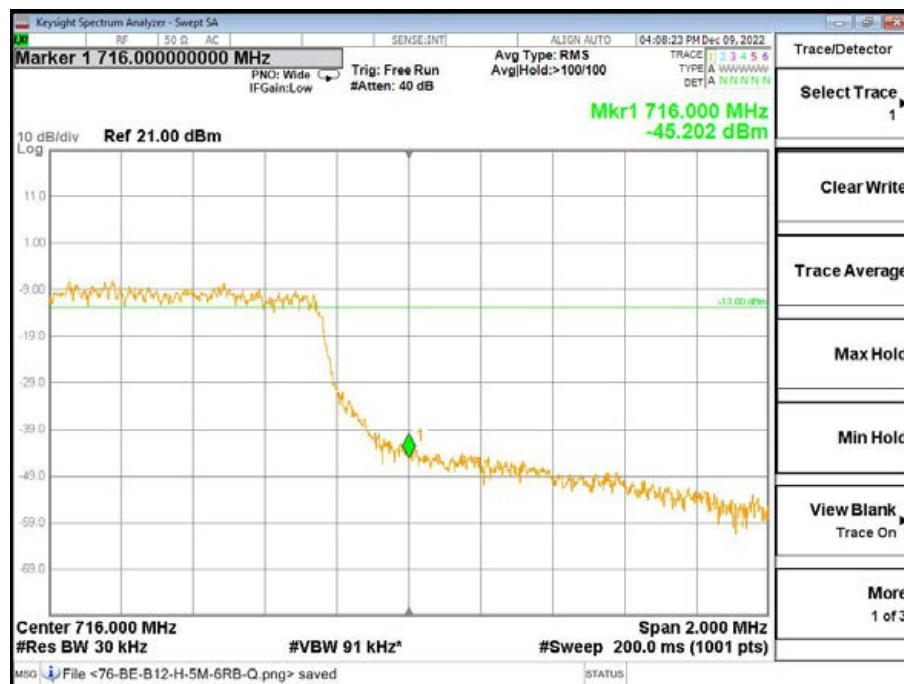
High Channel-5MHz Bandwidth-1RB-16QAM



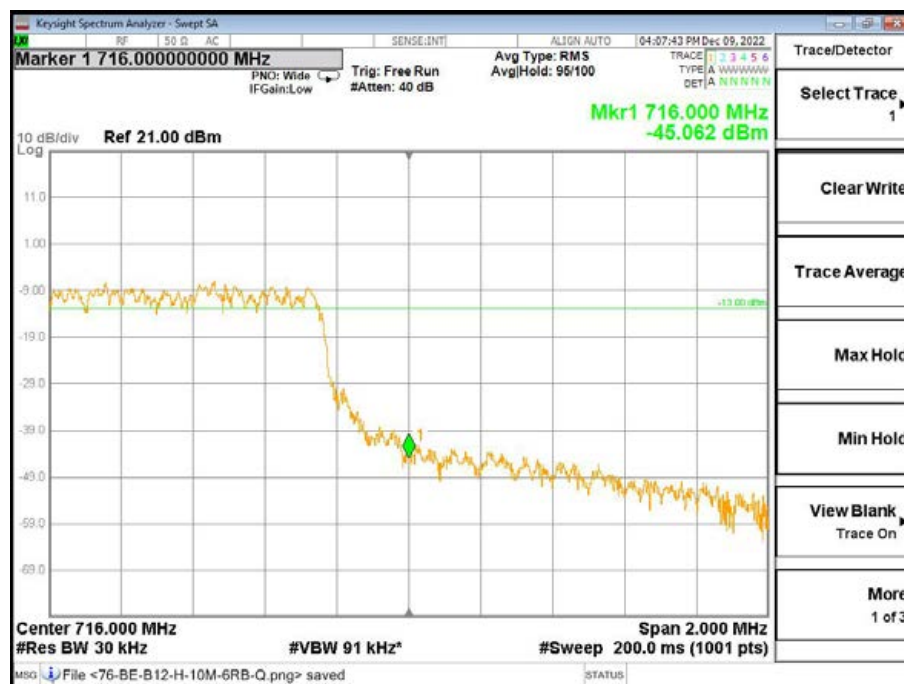
High Channel-5MHz Bandwidth-1RB-QPSK

## Chongqing Academy of Information and Communication Technology

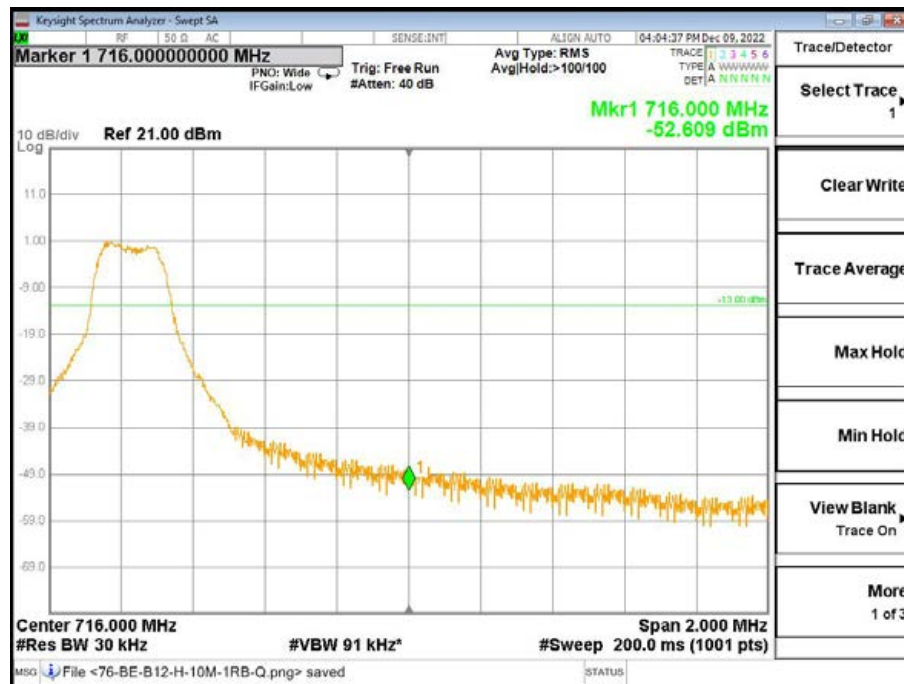
Address: No. 8, Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China, 401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777



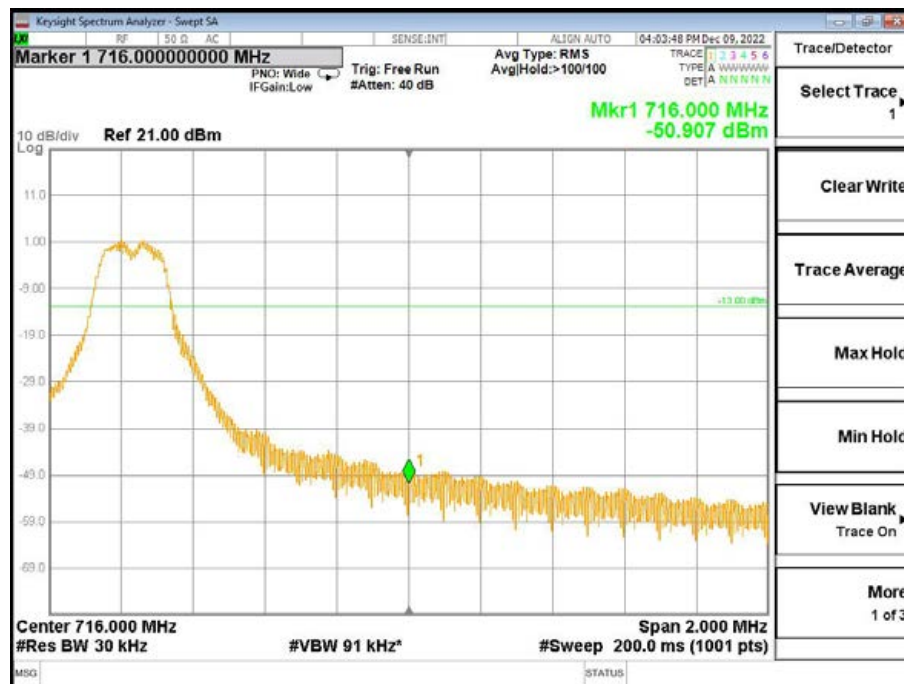
High Channel-5MHz Bandwidth-5RB-16QAM



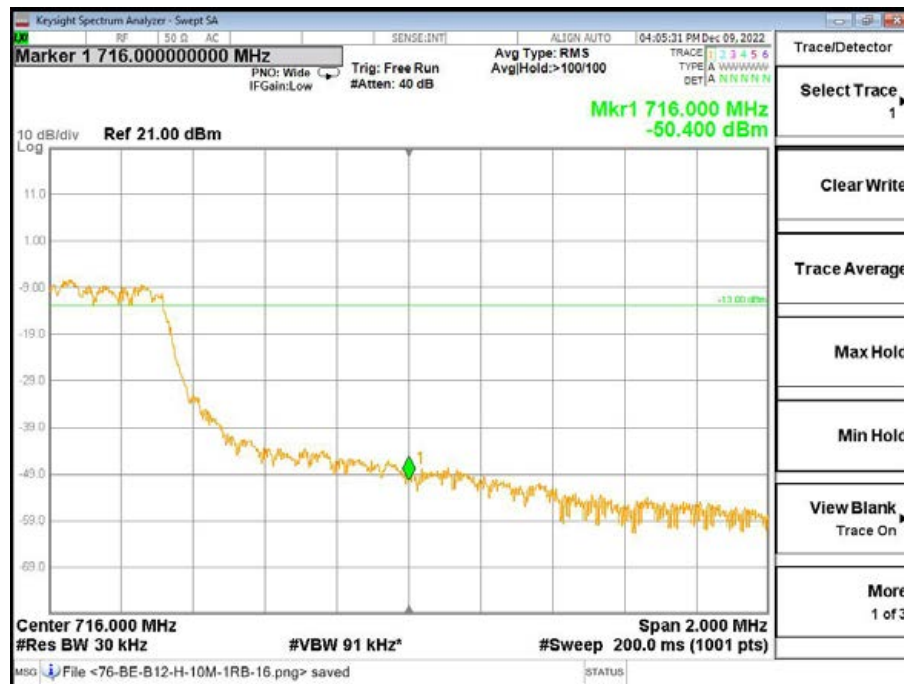
High Channel-5MHz Bandwidth-6RB-QPSK



High Channel-10MHz Bandwidth-1RB-16QAM



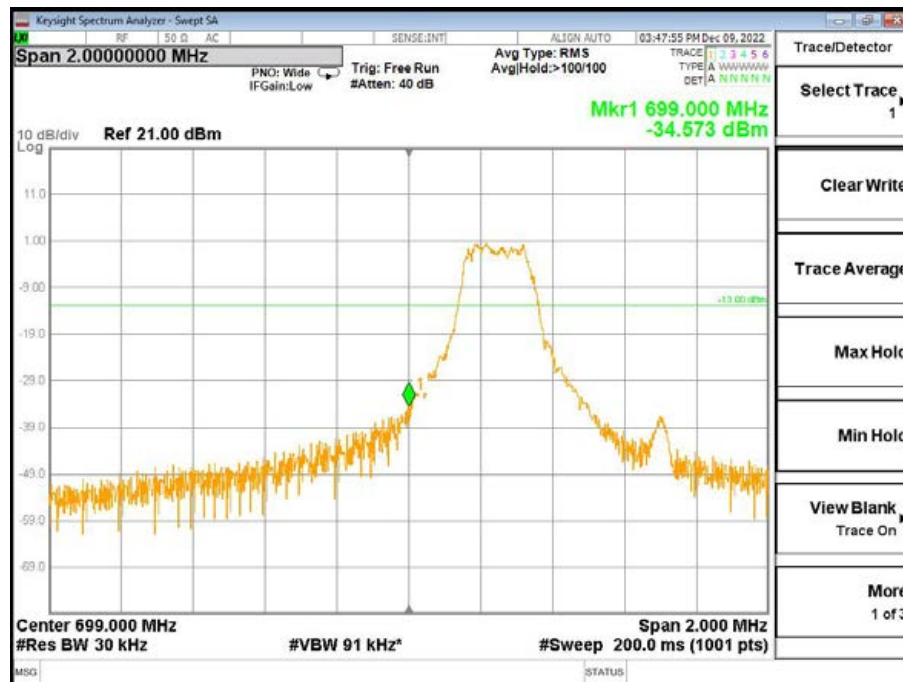
High Channel-10MHz Bandwidth-1RB-QPSK



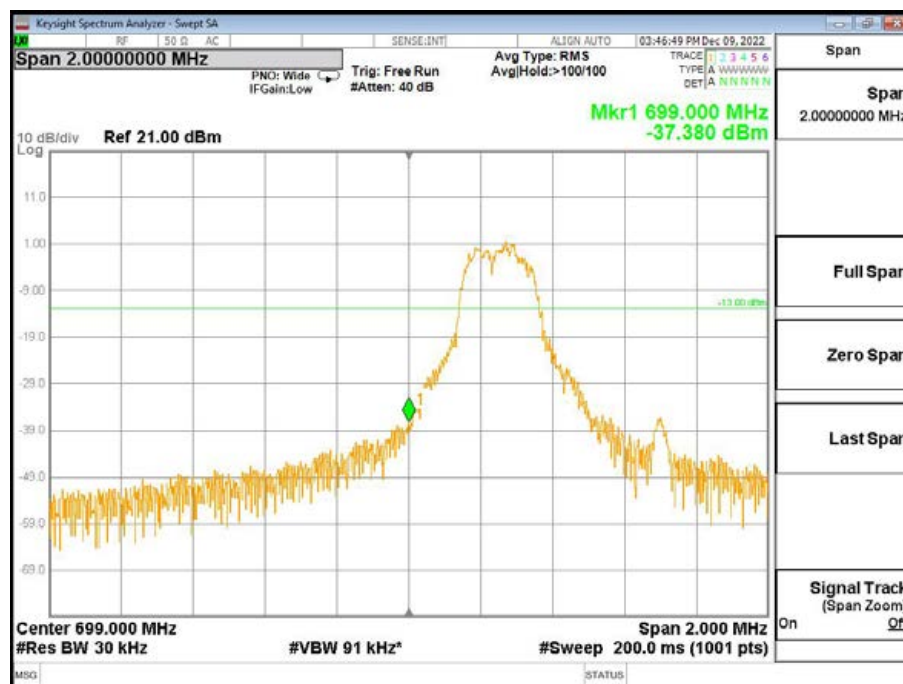
High Channel-10MHz Bandwidth-5RB-16QAM



High Channel-10MHz Bandwidth-6RB-QPSK



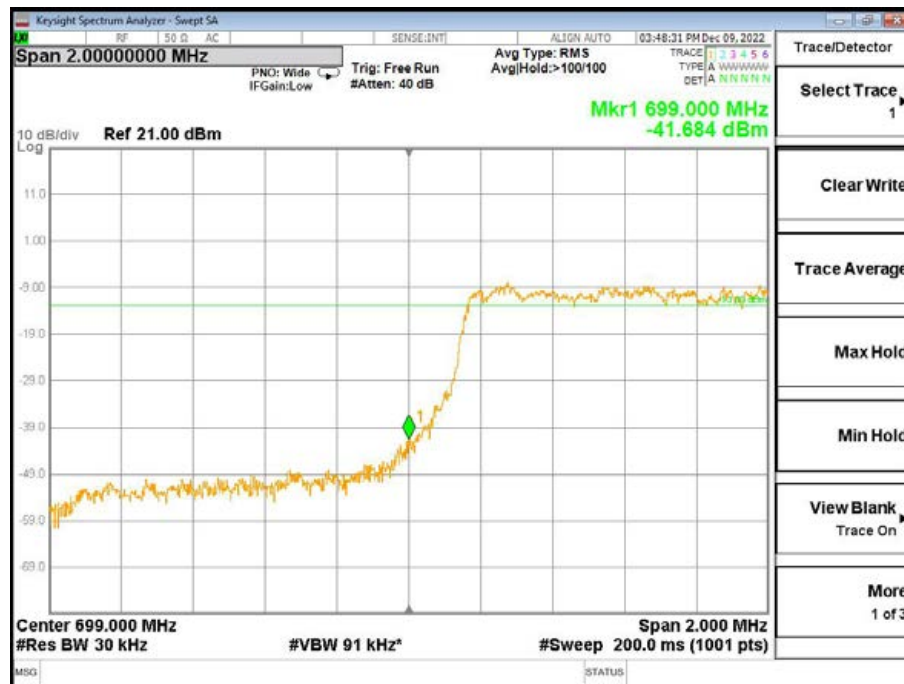
Low Channel-1.4MHz Bandwidth-1RB-16QAM



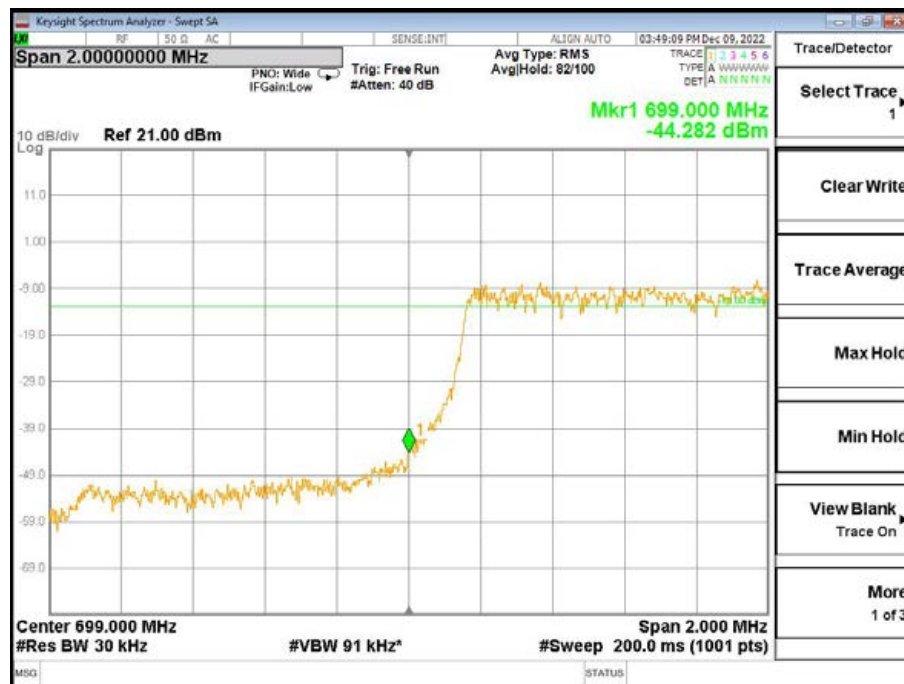
Low Channel-1.4MHz Bandwidth-1RB-QPSK

## Chongqing Academy of Information and Communication Technology

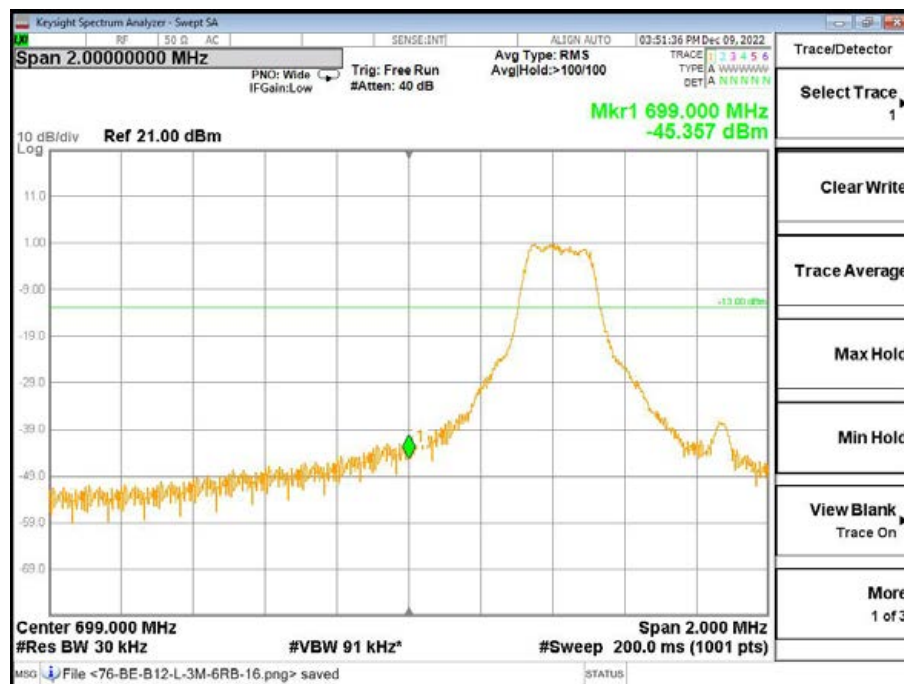
Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX:0086-23-88608777



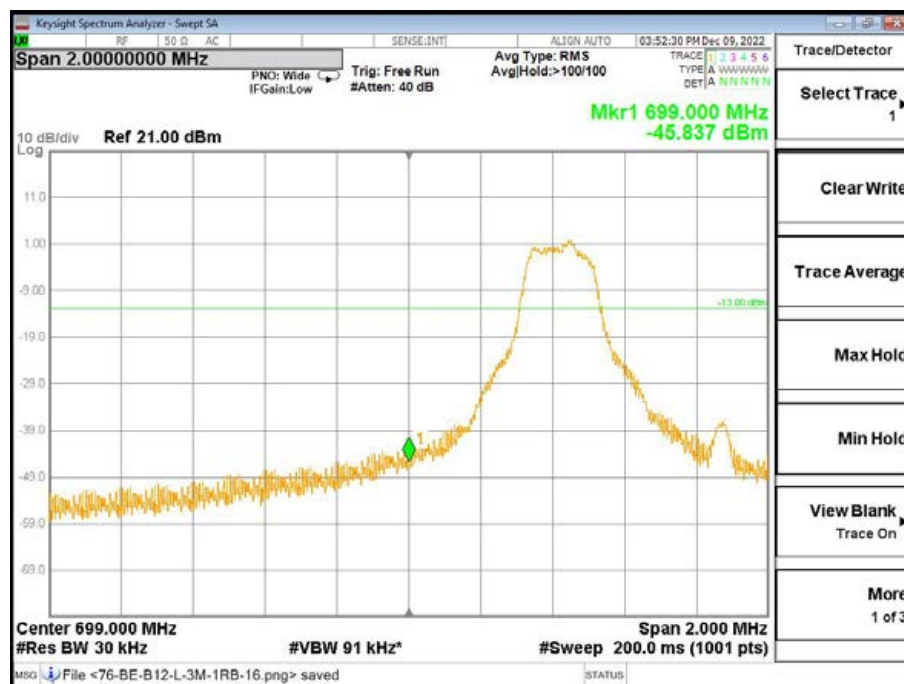
Low Channel-1.4MHz Bandwidth-5RB-16QAM



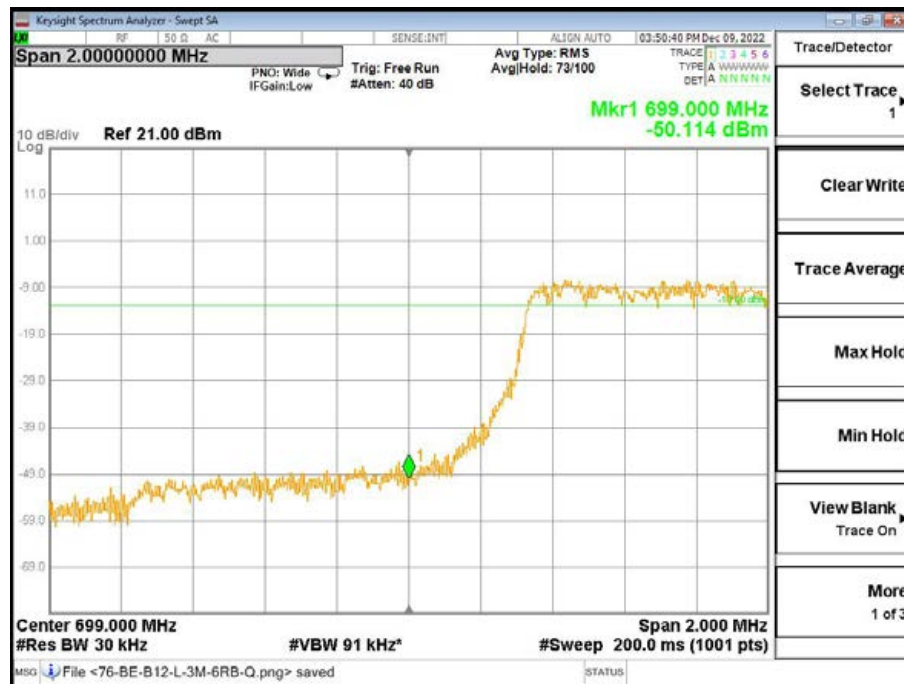
Low Channel-1.4MHz Bandwidth-6RB-QPSK



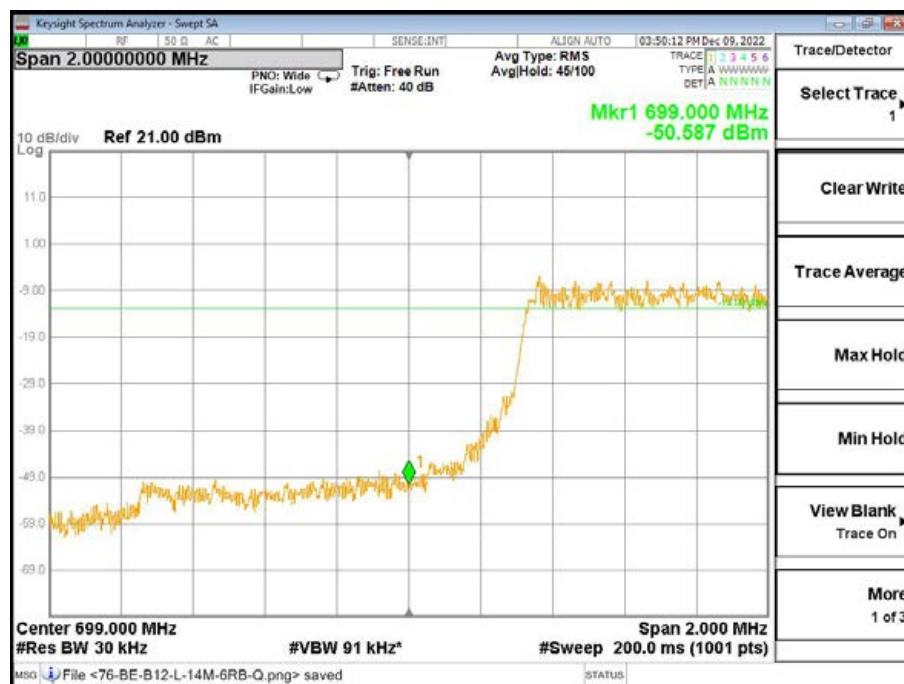
Low Channel-3MHz Bandwidth-1RB-16QAM



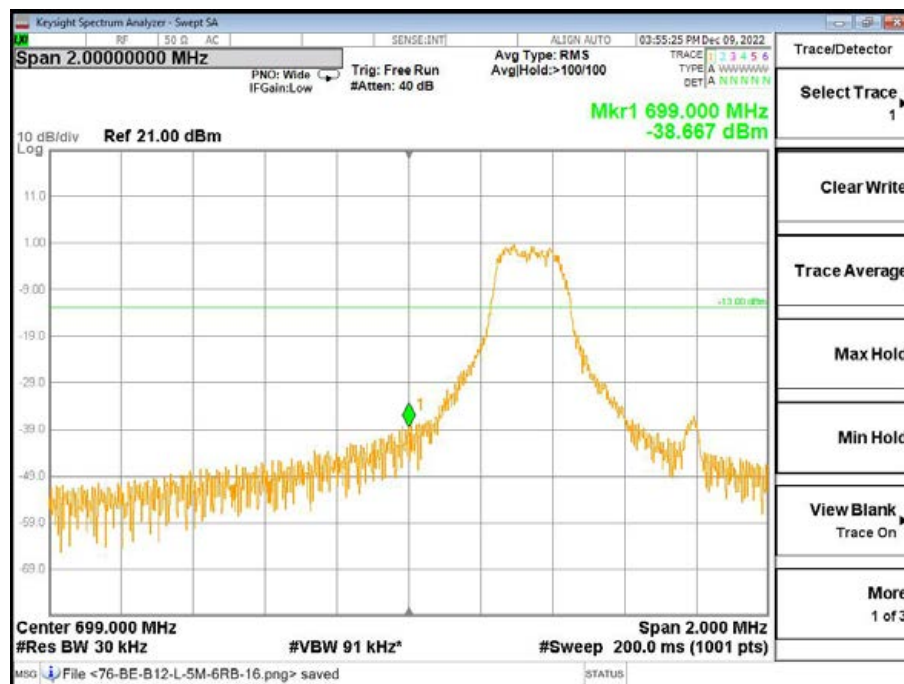
Low Channel-3MHz Bandwidth-1RB-QPSK



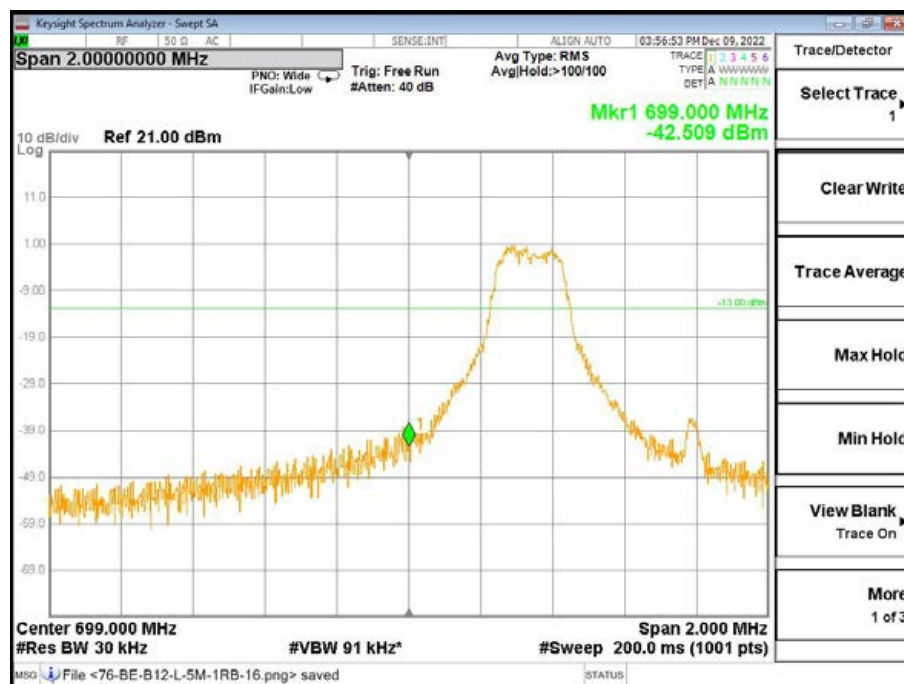
Low Channel-3MHz Bandwidth-5RB-16QAM



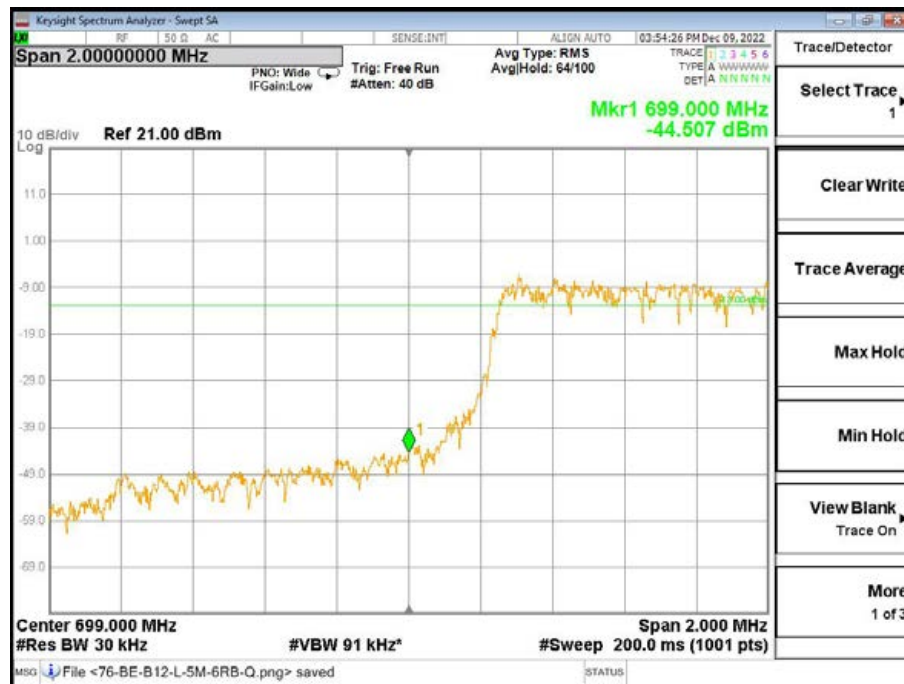
Low Channel-3MHz Bandwidth-6RB-QPSK



Low Channel-5MHz Bandwidth-1RB-16QAM



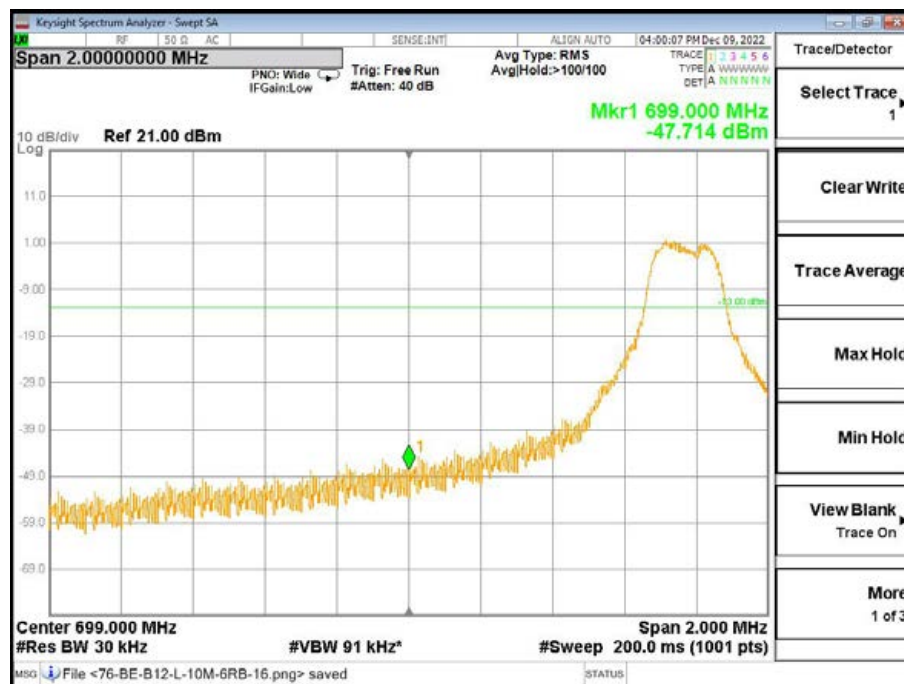
Low Channel-5MHz Bandwidth-1RB-QPSK



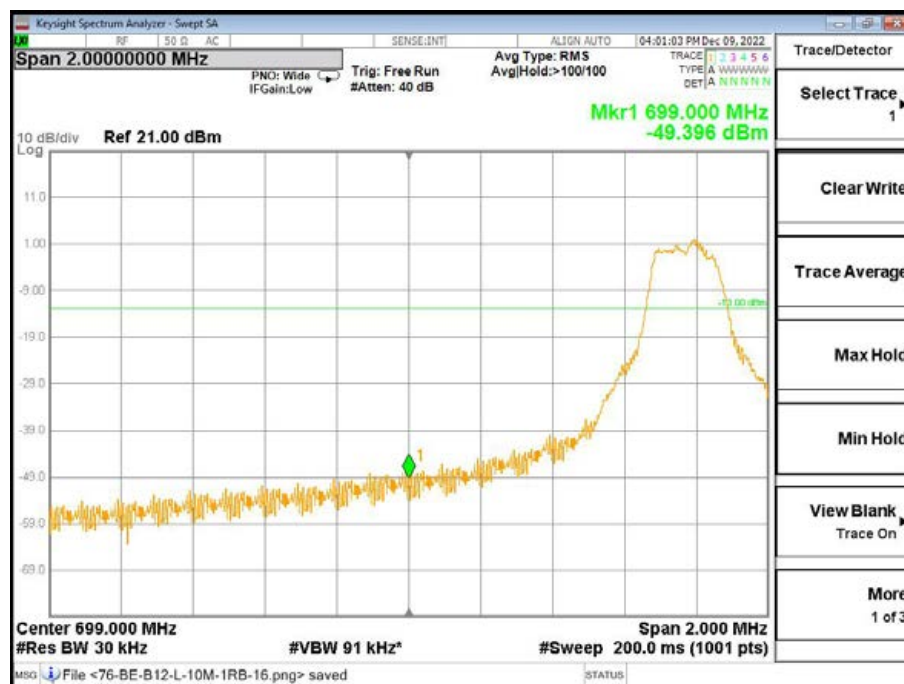
Low Channel-5MHz Bandwidth-5RB-16QAM



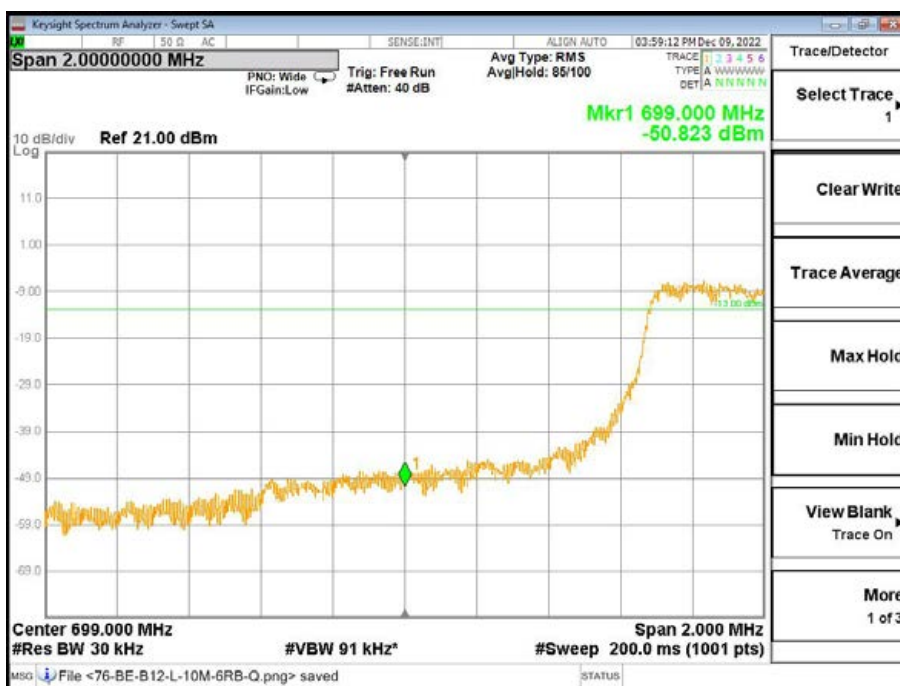
Low Channel-5MHz Bandwidth-6RB-QPSK



Low Channel-10MHz Bandwidth-1RB-16QAM



Low Channel-10MHz Bandwidth-1RB-QPSK



Low Channel-10MHz Bandwidth-5RB-16QAM



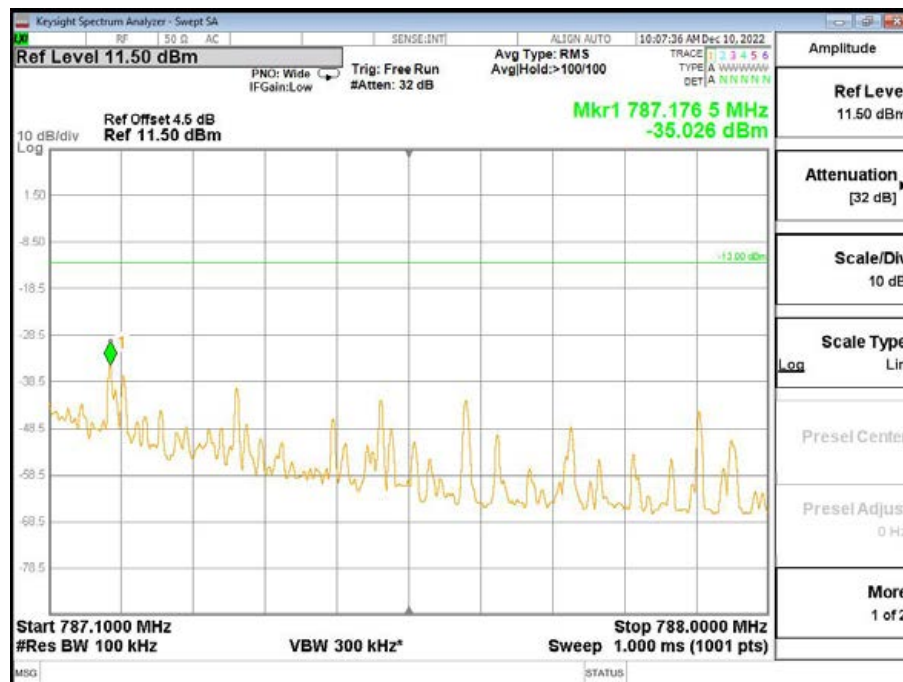
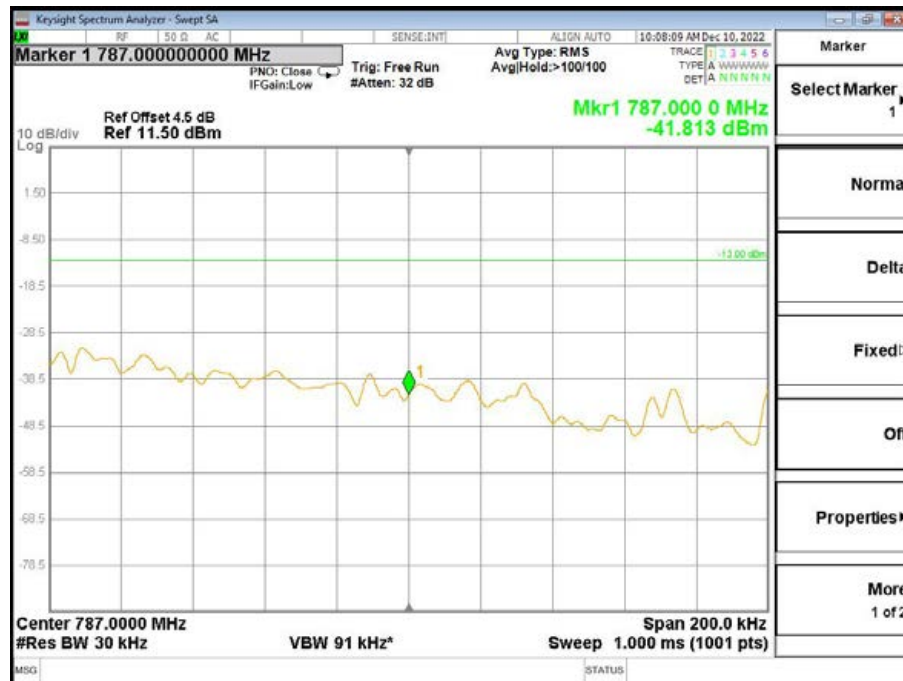
Low Channel-10MHz Bandwidth-6RB-QPSK

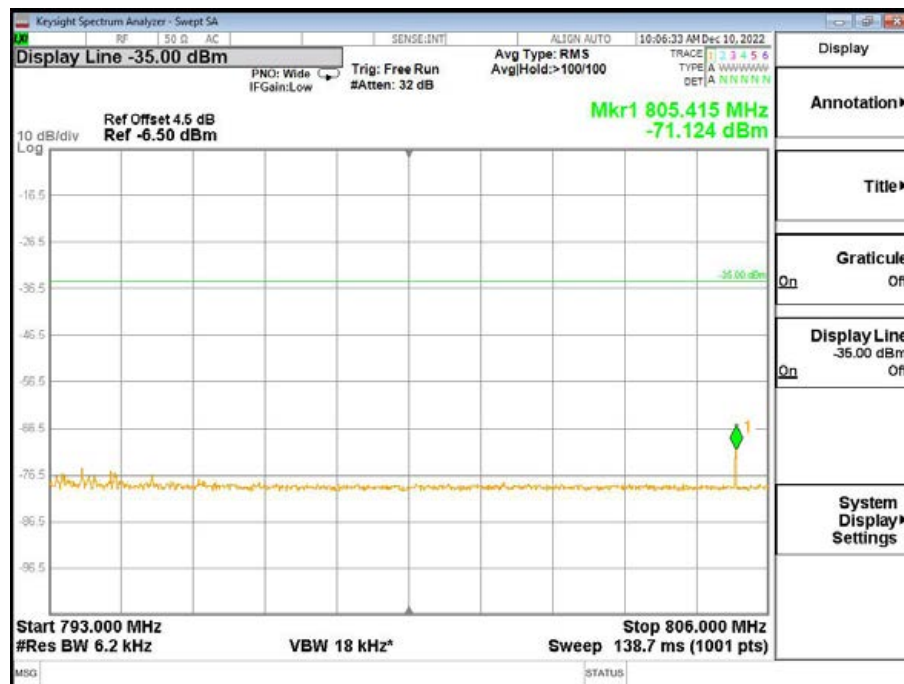
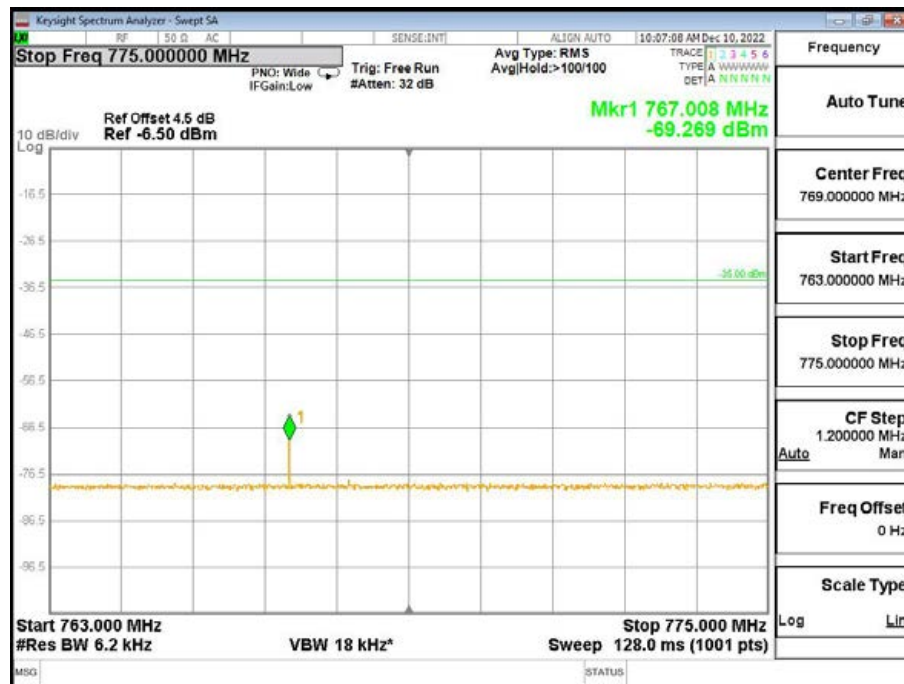
## Chongqing Academy of Information and Communication Technology

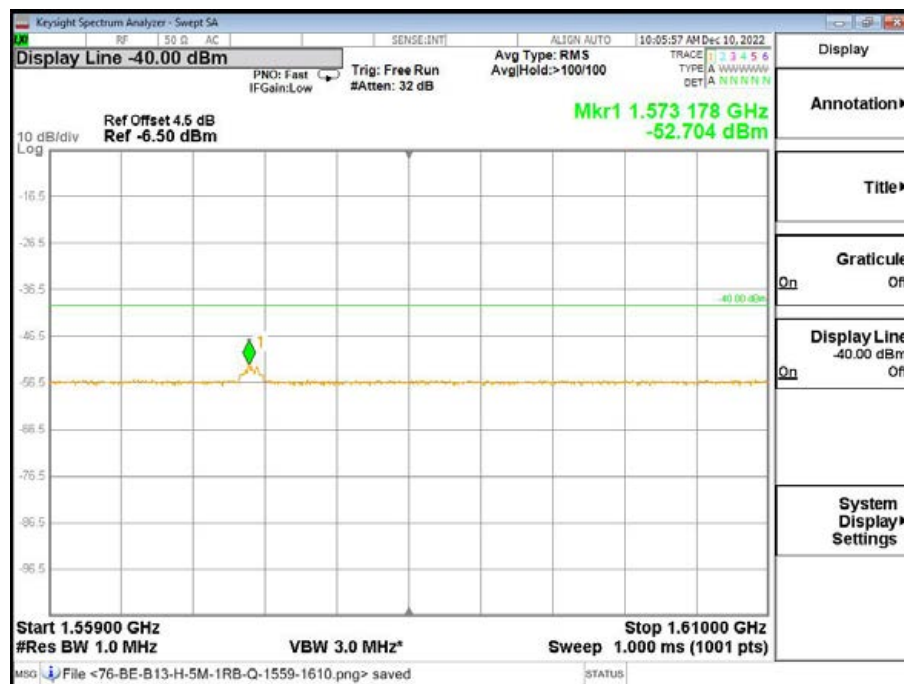
Address: No. 8, Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China, 401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

#### 6.7.4 CAT-M Band 13 Edge Results

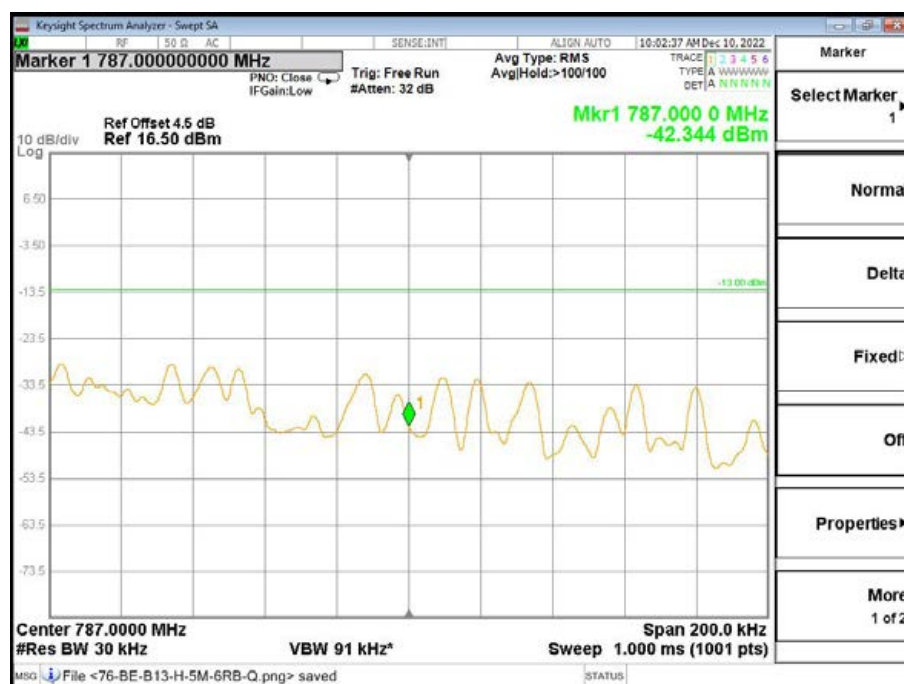
For the 1559-1610MHz test band, Since the bandwidth is greater than 700Hz, the limit requirement is -40dBm.





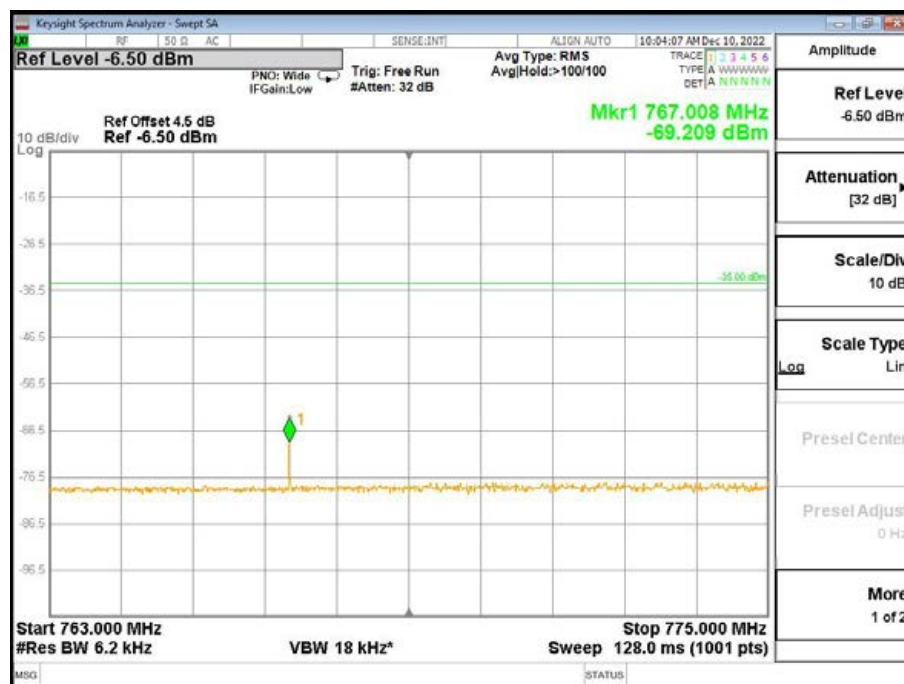
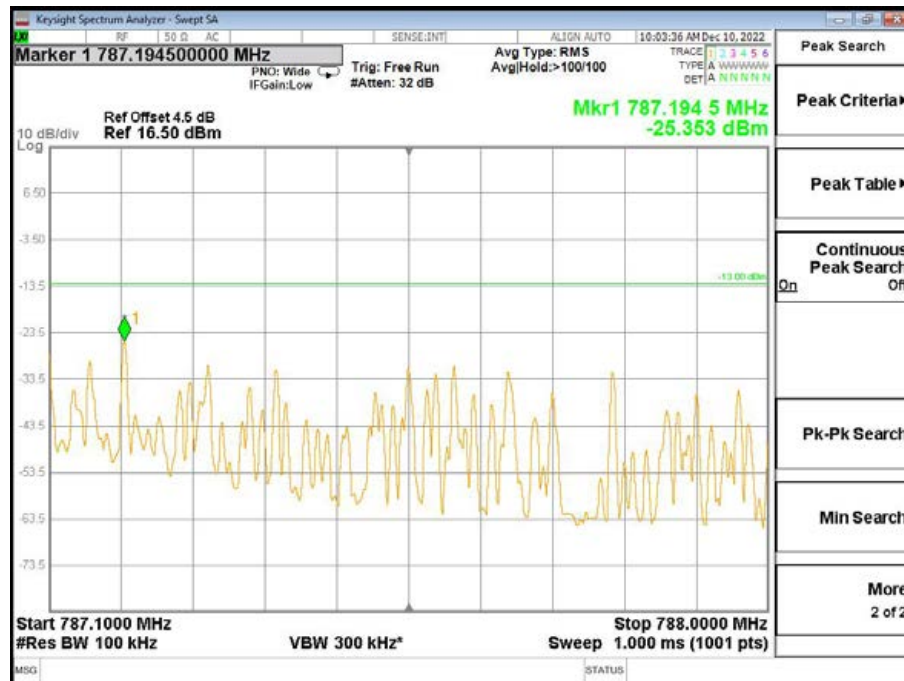


For the 1559-1610MHz test band, the worst case:  $-52.704\text{dBm} + \text{Antenna Gain}(4\text{dBi}) = -48.704\text{dBm}$   
High Channel-5MHz Bandwidth-1RB-16QAM



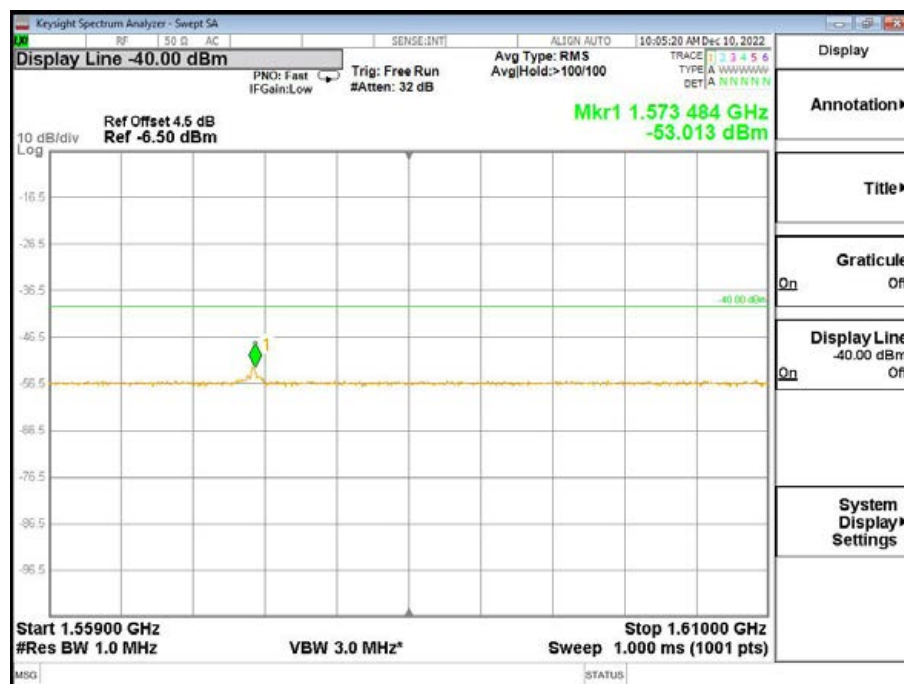
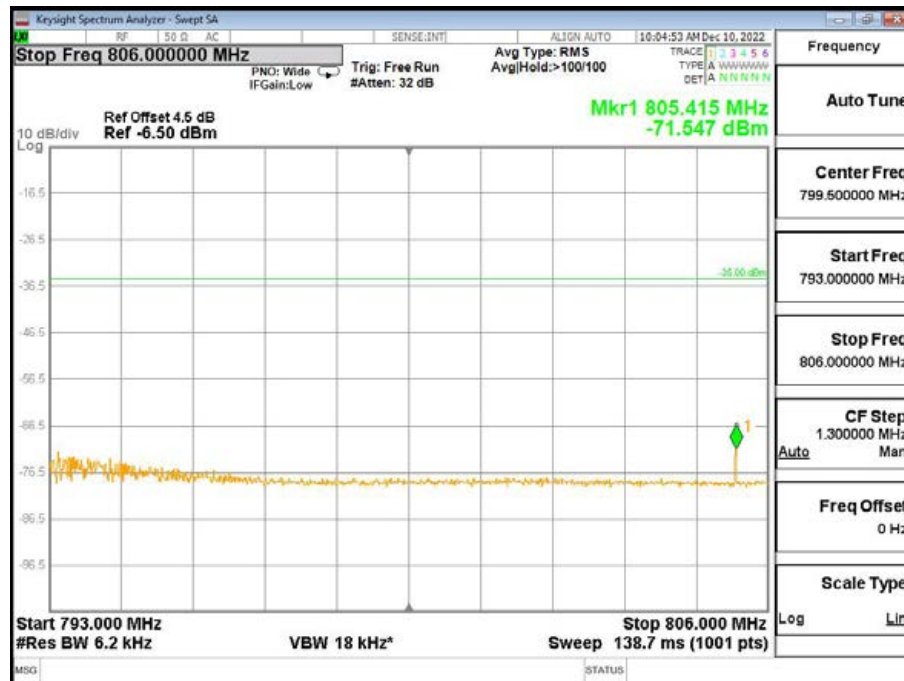
## Chongqing Academy of Information and Communication Technology

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

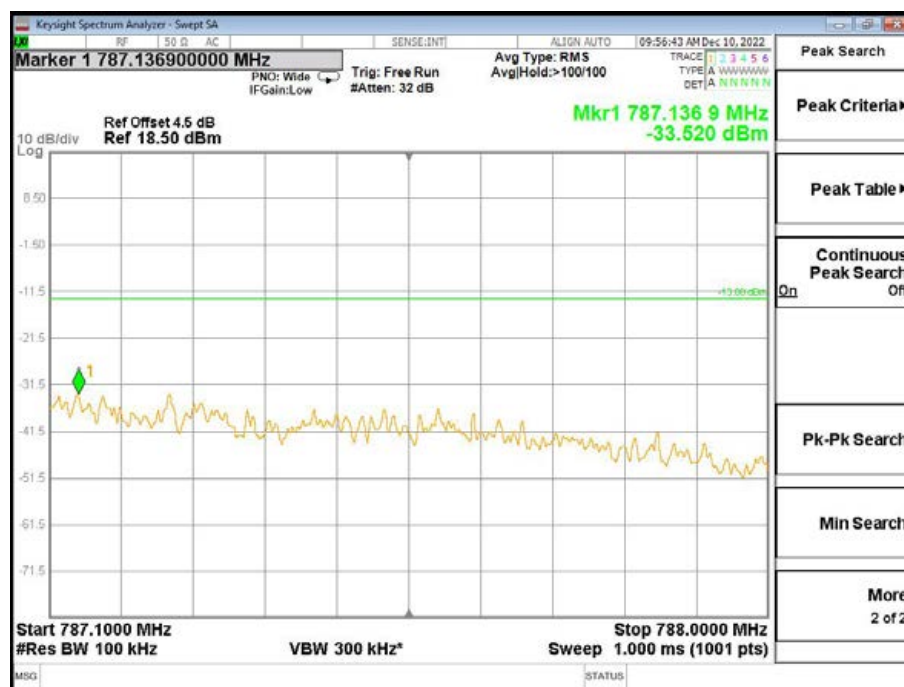
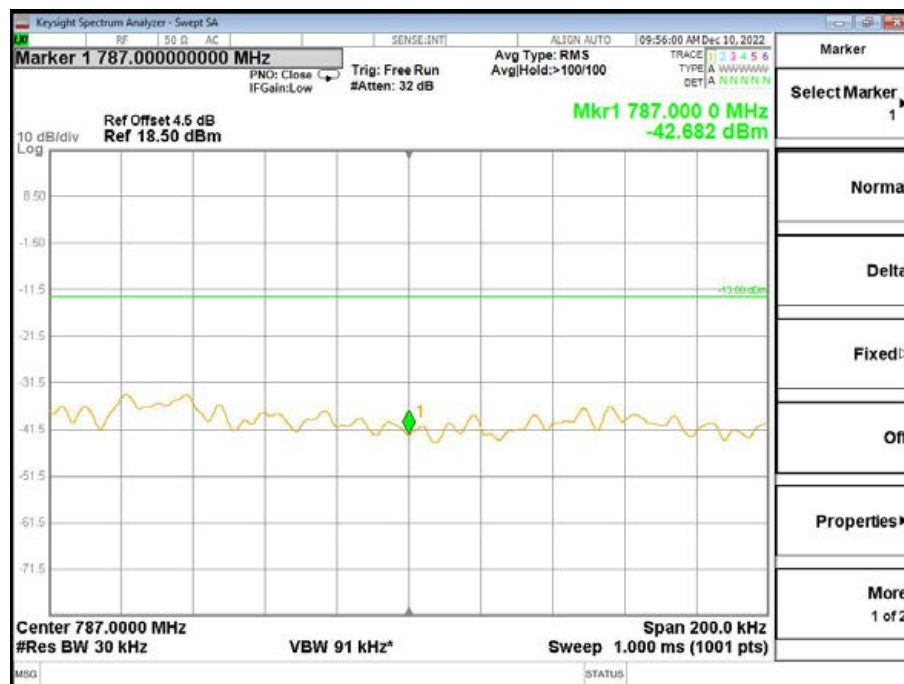
Address: No. 8, Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China, 401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

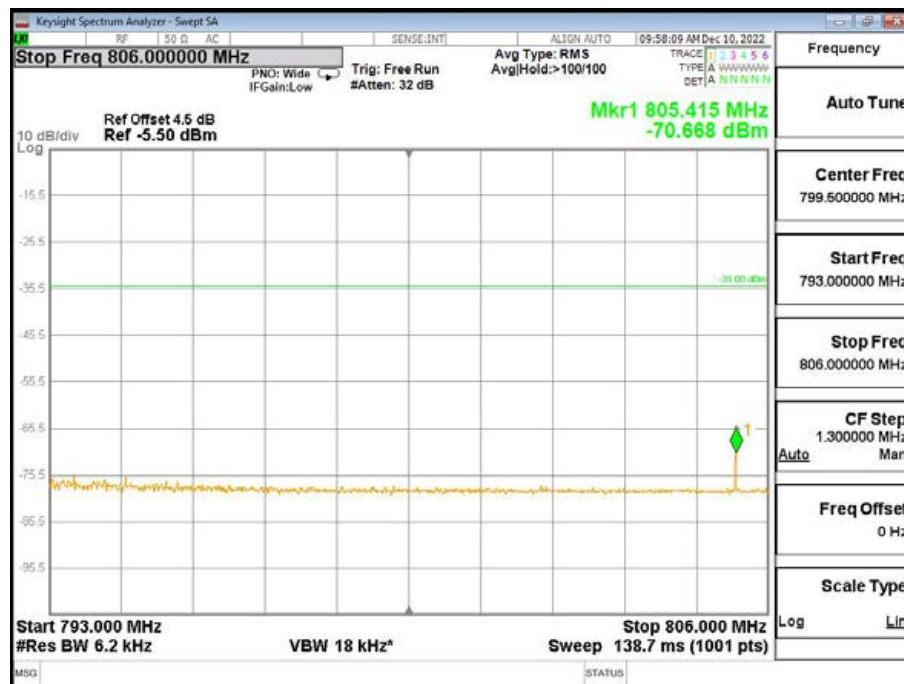
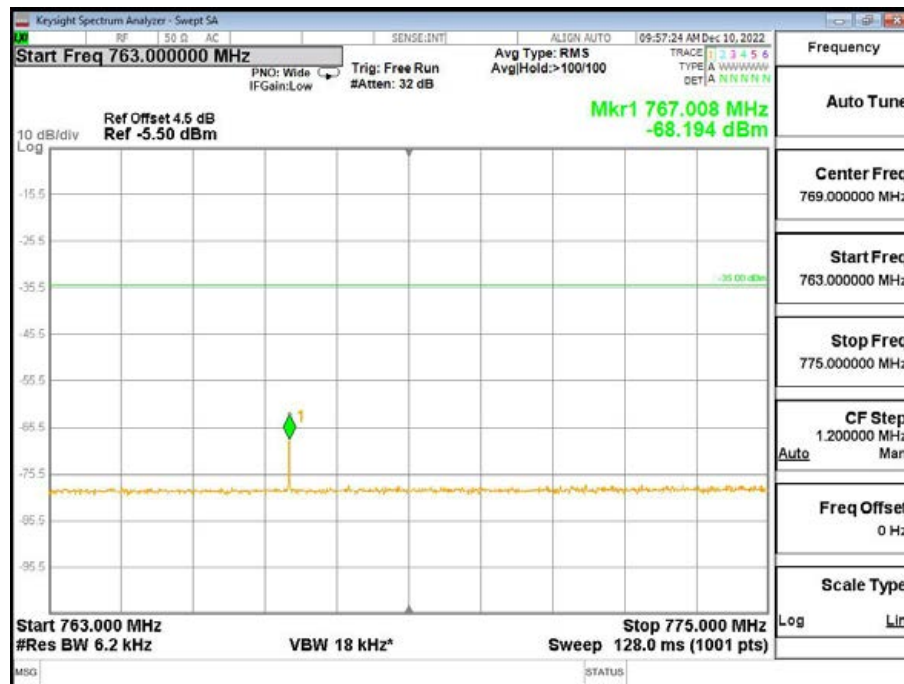


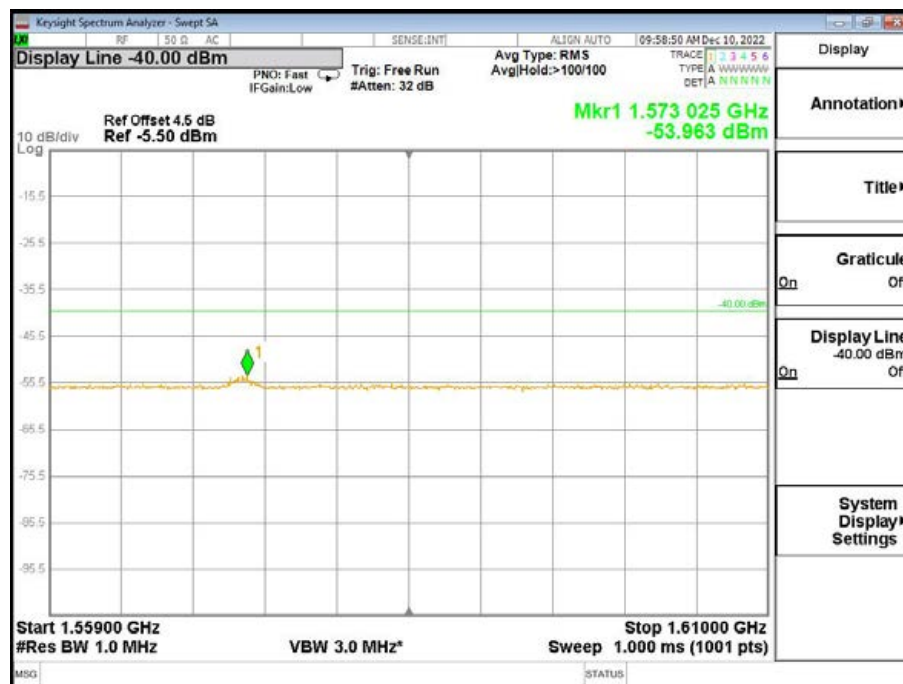
For the 1559-1610MHz test band, the worst case:  $-53.013\text{dBm} + \text{Antenna Gain}(4\text{dBi}) = -49.013\text{dBm}$   
High Channel-5MHz Bandwidth-1RB-QPSK

## Chongqing Academy of Information and Communication Technology

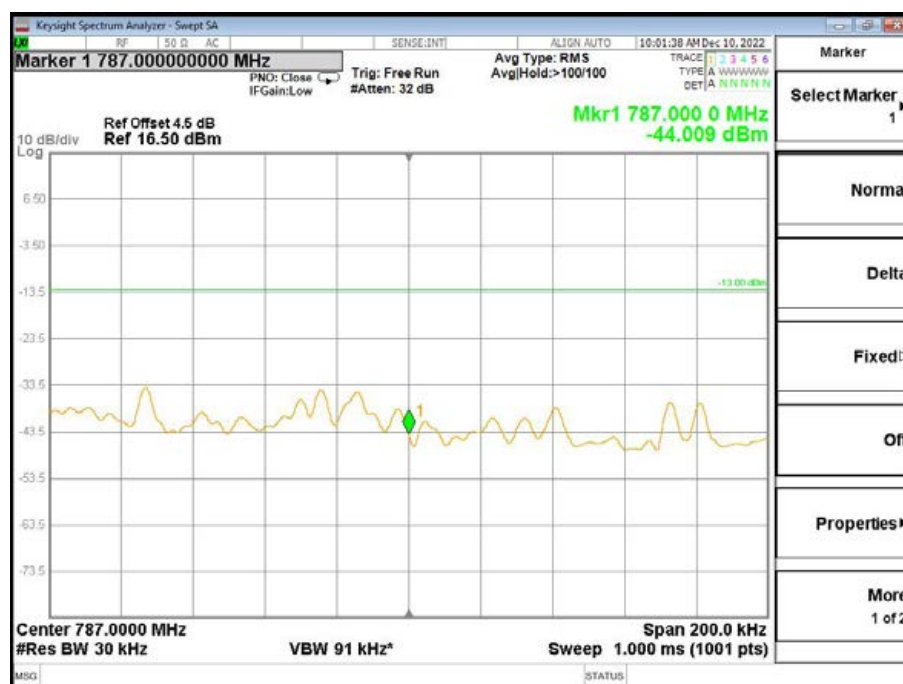
Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX:0086-23-88608777





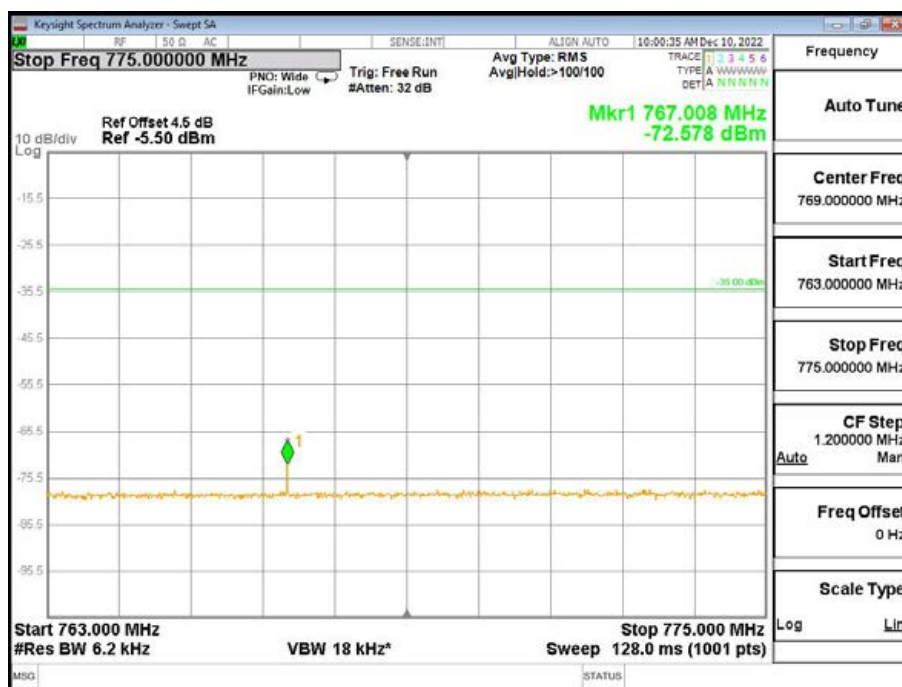
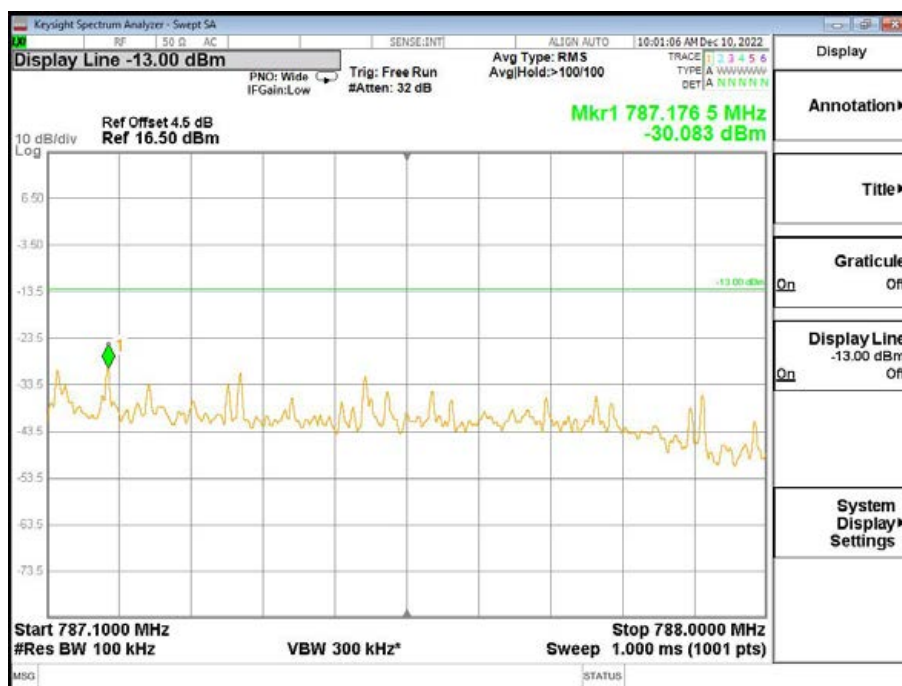


For the 1559-1610MHz test band, the worst case:  $-53.963\text{dBm} + \text{Antenna Gain}(4\text{dBi}) = -49.963\text{dBm}$   
High Channel-5MHz Bandwidth-5RB-16QAM



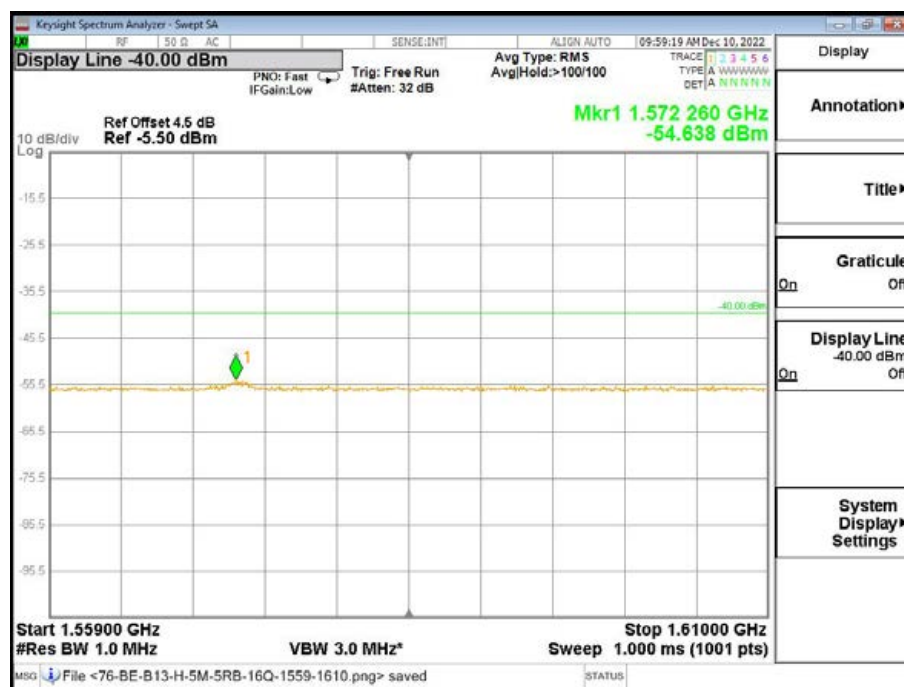
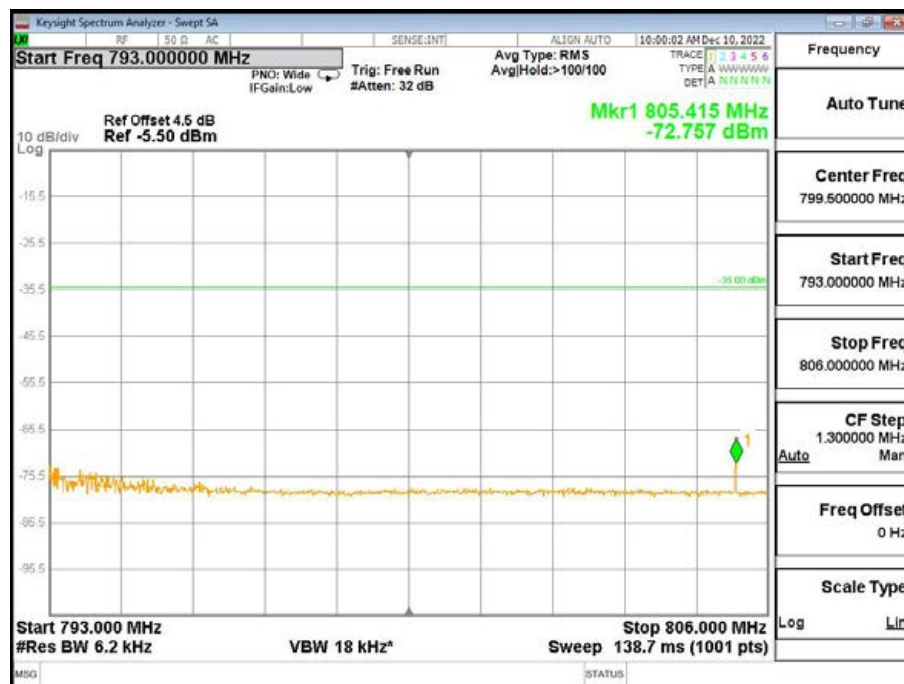
## Chongqing Academy of Information and Communication Technology

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

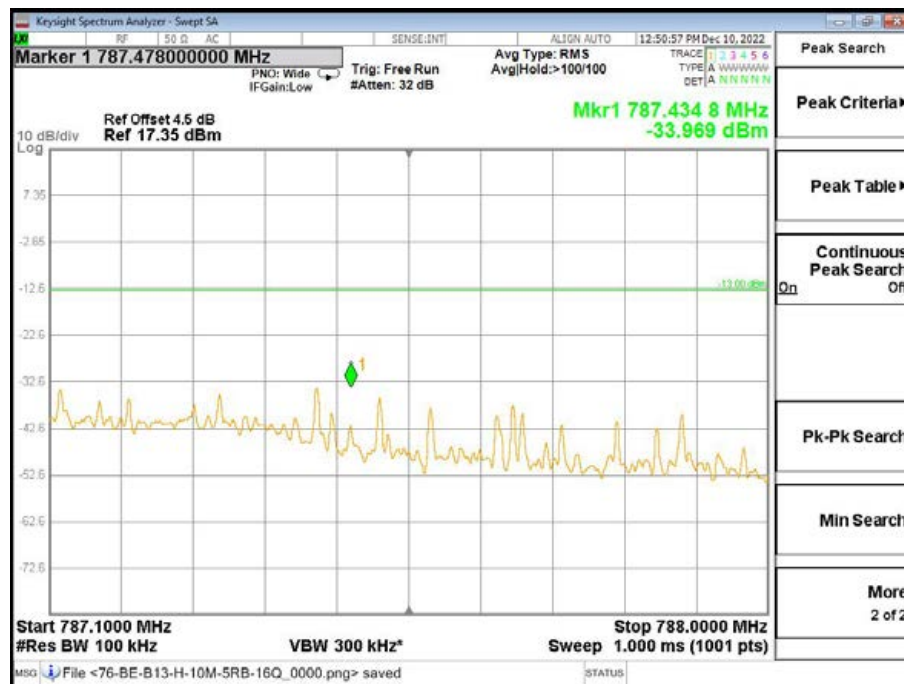
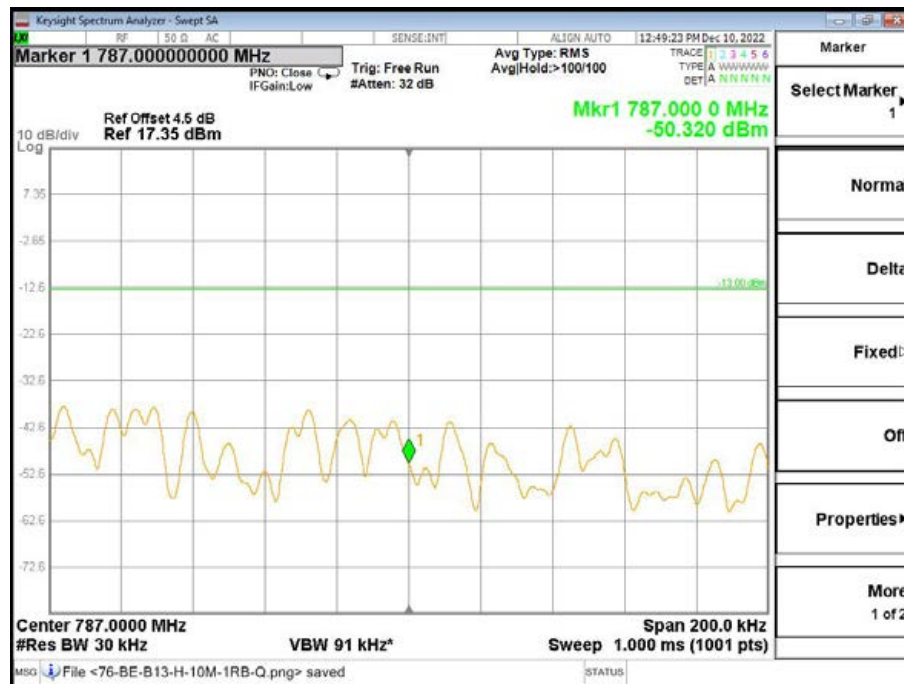
Address: No. 8, Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China, 401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777



For the 1559-1610MHz test band, the worst case:  $-54.638\text{dBm} + \text{Antenna Gain}(4\text{dBi}) = -50.638\text{dBm}$   
High Channel-5MHz Bandwidth-6RB-QPSK

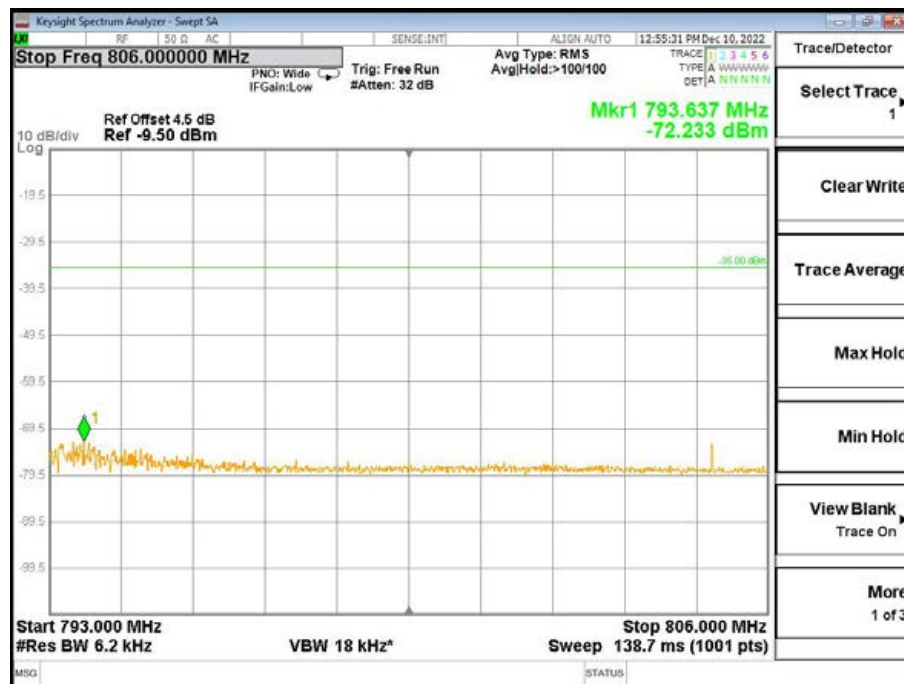
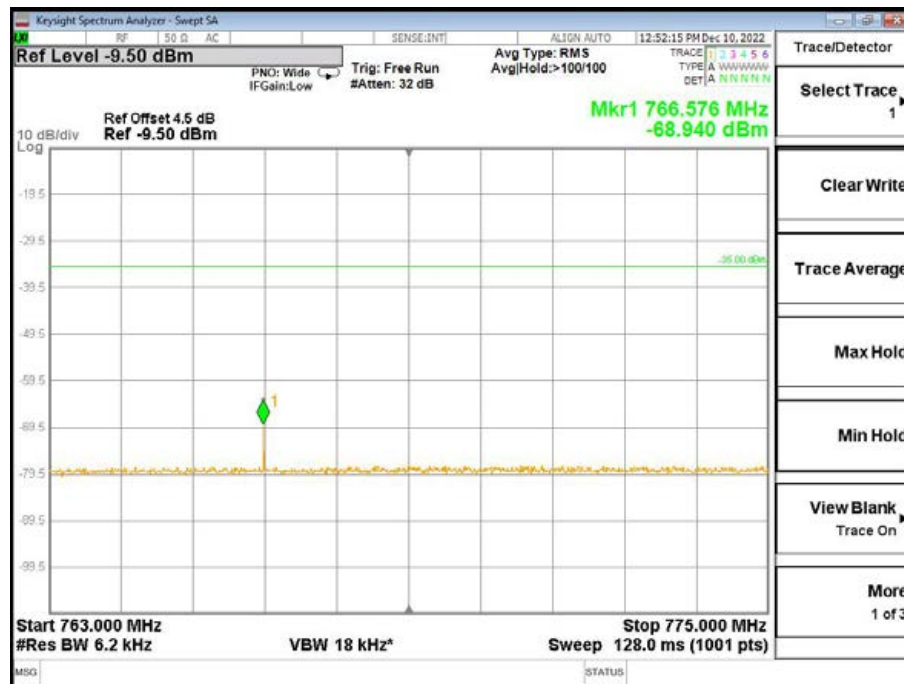
## Chongqing Academy of Information and Communication Technology

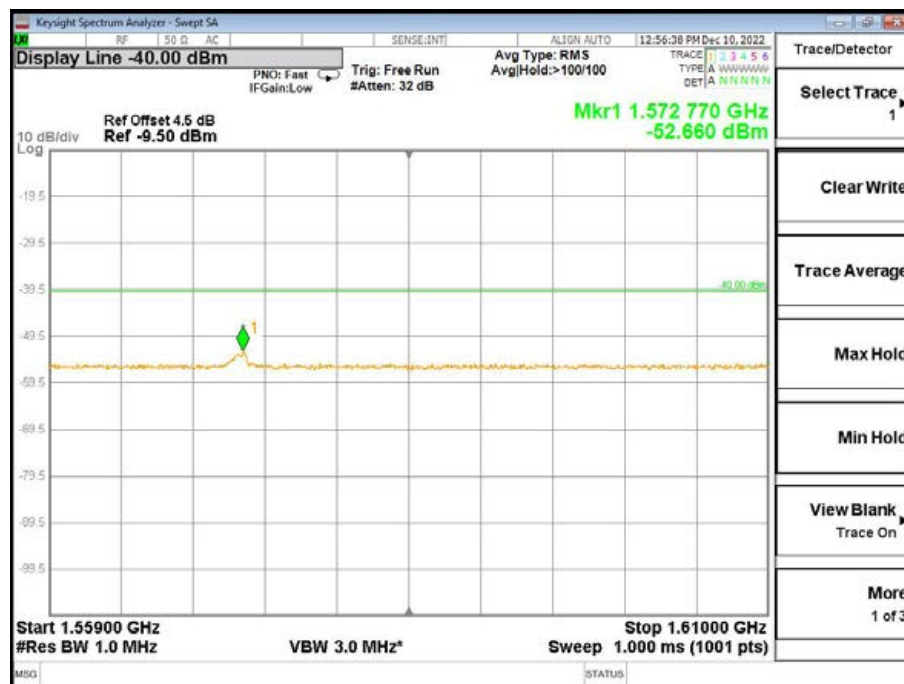
Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX:0086-23-88608777



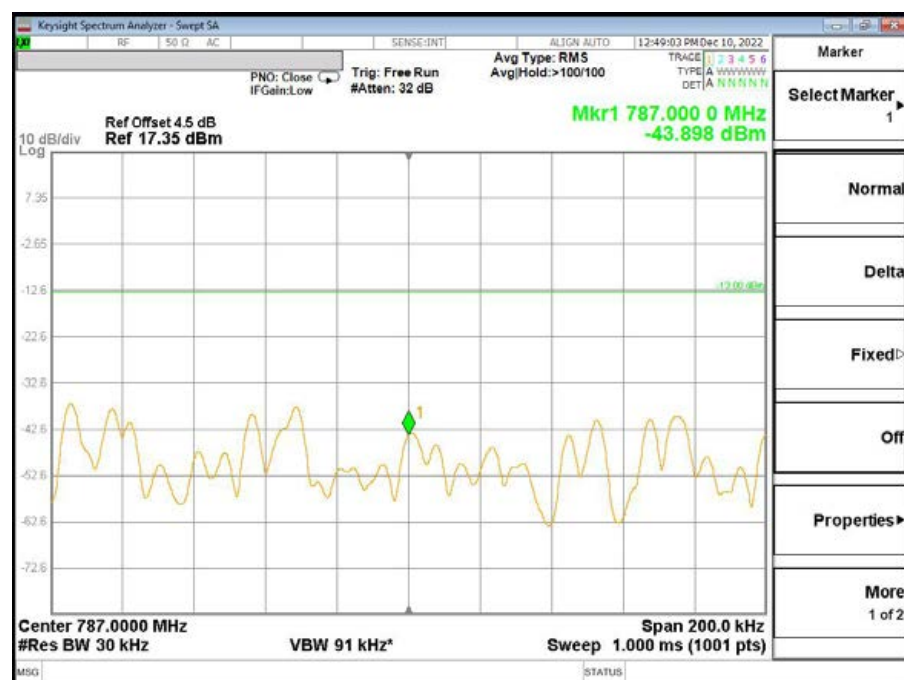
## Chongqing Academy of Information and Communication Technology

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



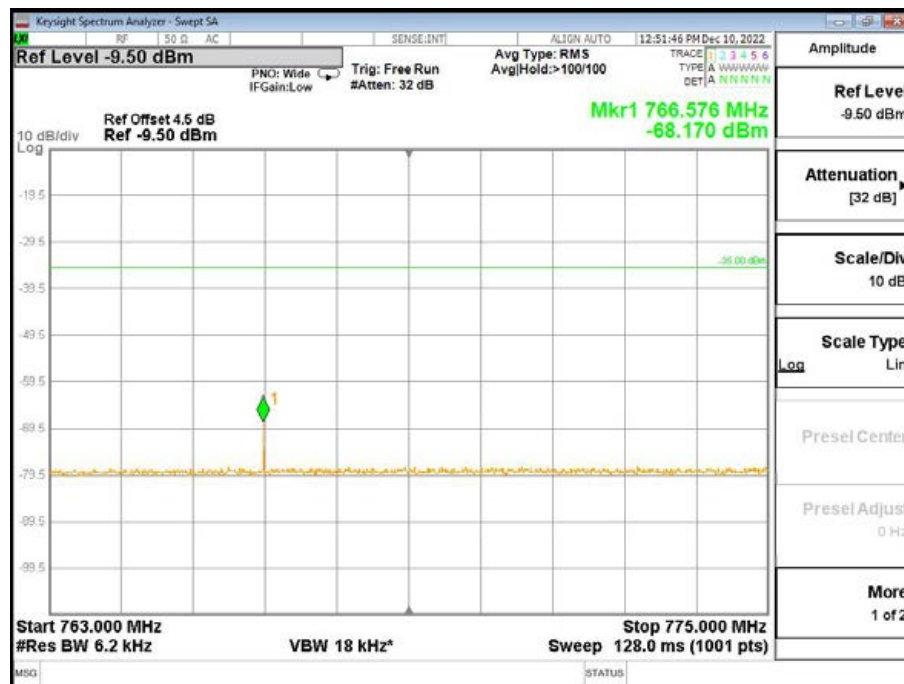
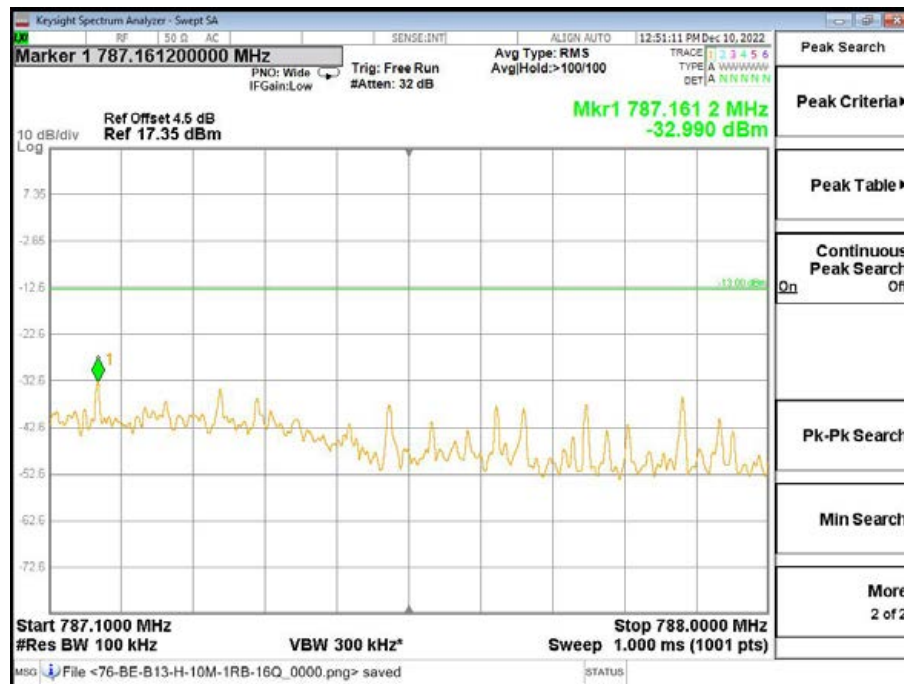


For the 1559-1610MHz test band, the worst case:  $-52.660\text{dBm} + \text{Antenna Gain}(4\text{dBi}) = -48.660\text{dBm}$   
High Channel-10MHz Bandwidth-1RB-16QAM



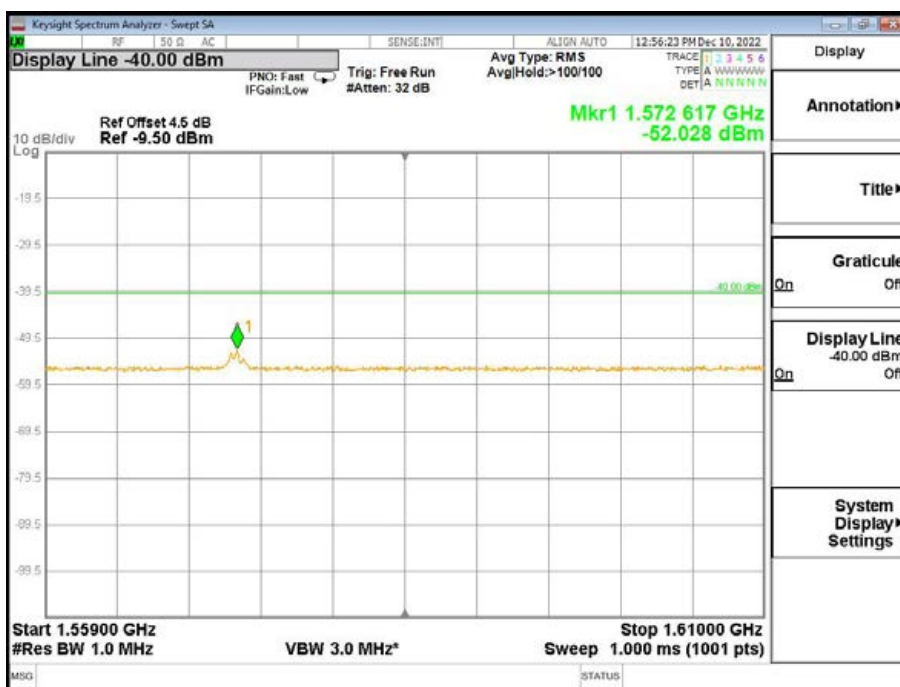
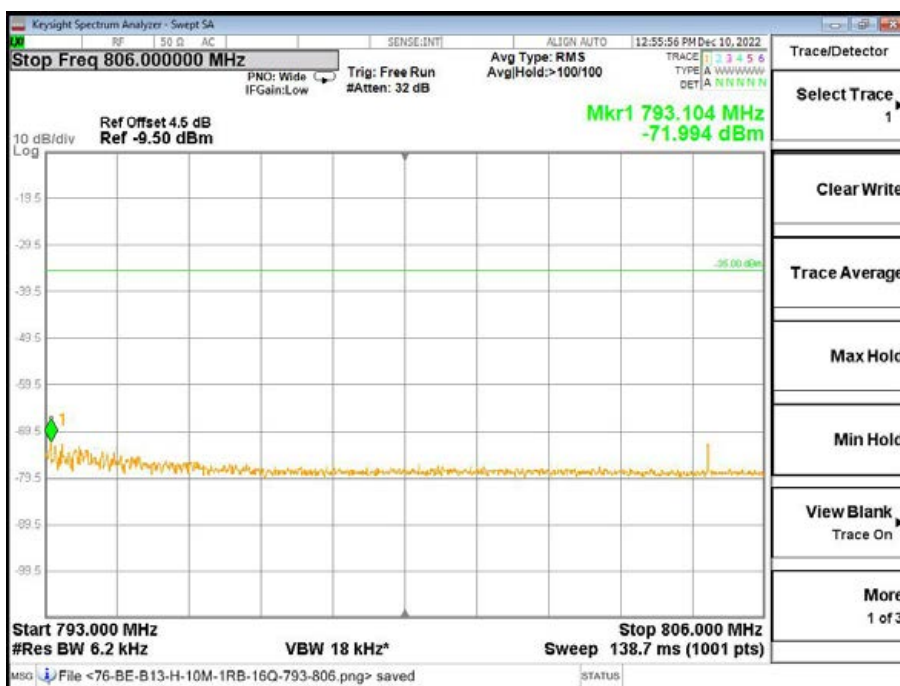
## Chongqing Academy of Information and Communication Technology

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

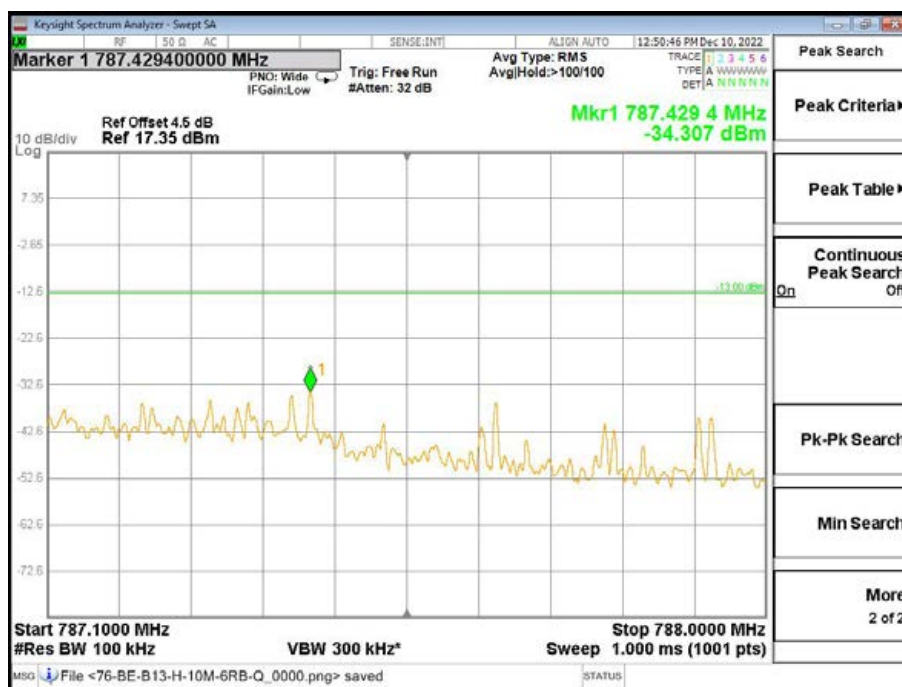
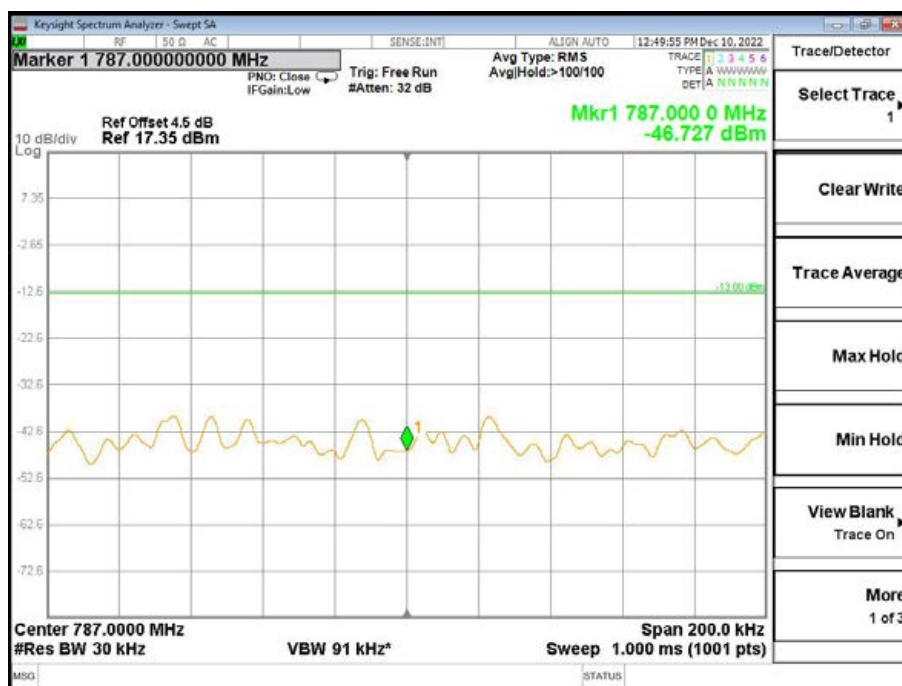
Address: No. 8, Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China, 401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777



For the 1559-1610MHz test band, the worst case:  $-52.028\text{dBm} + \text{Antenna Gain}(4\text{dBi}) = -48.028\text{dBm}$   
 High Channel-10MHz Bandwidth-1RB-QPSK

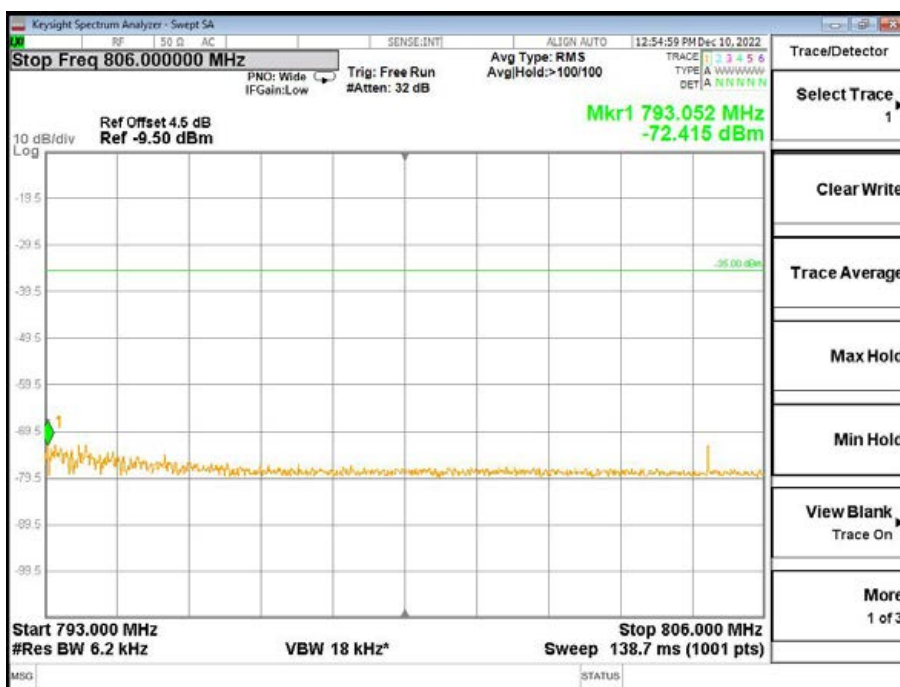
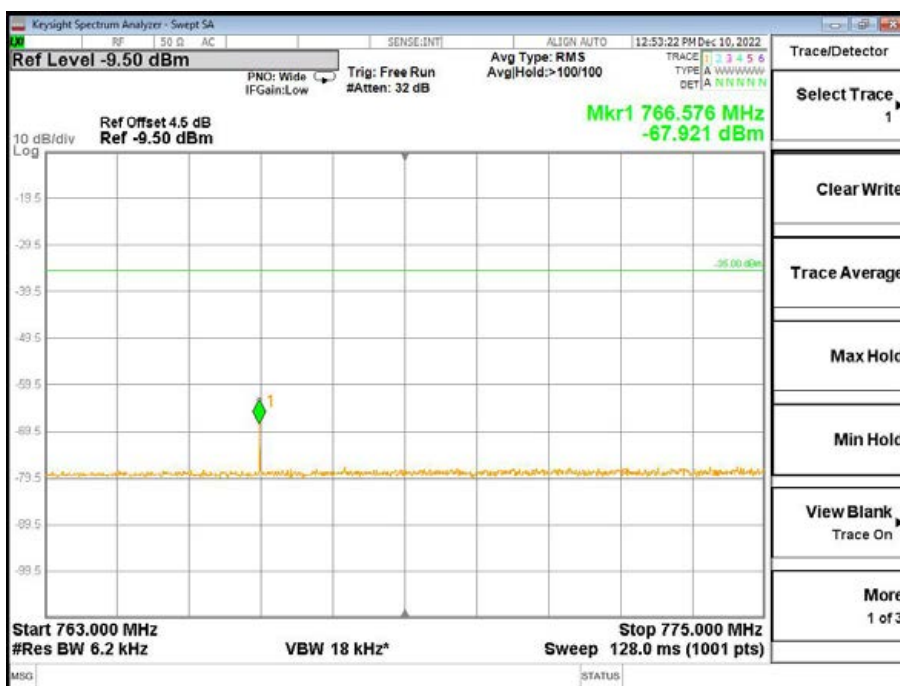
## Chongqing Academy of Information and Communication Technology

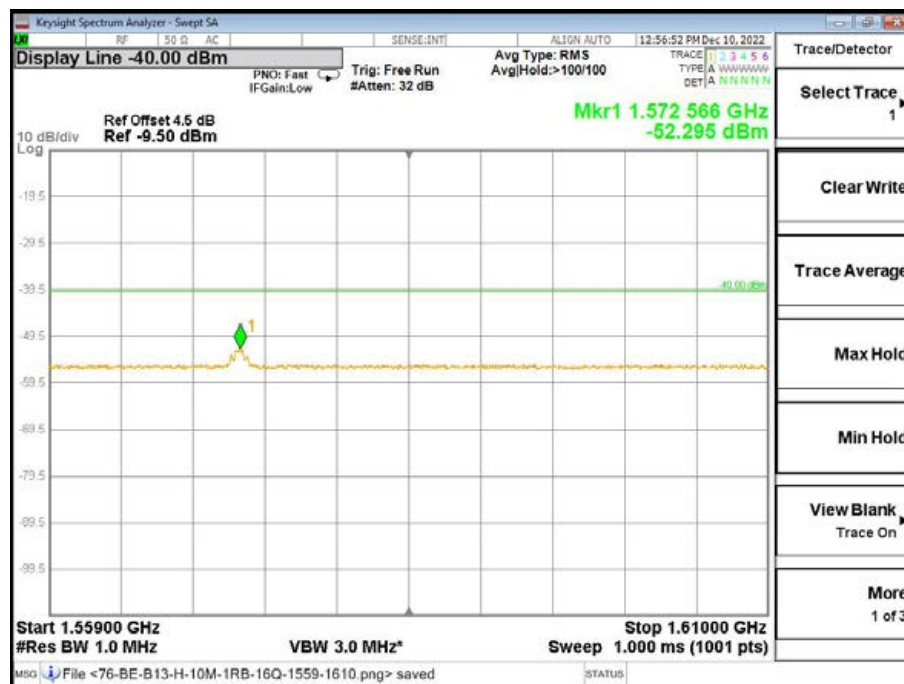
Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
 Tel: 0086-23-88069965 FAX:0086-23-88608777



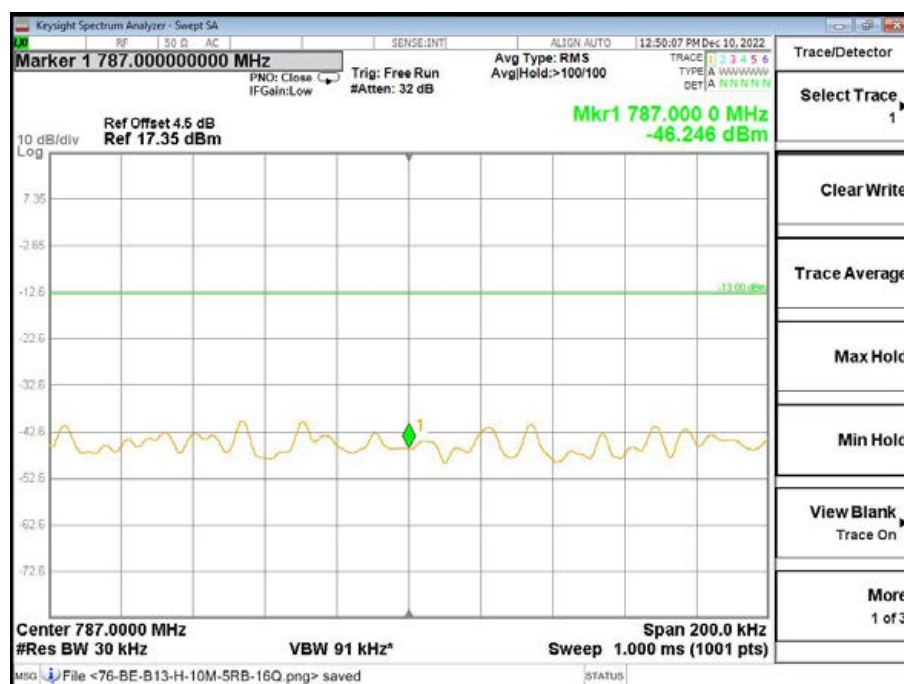
## Chongqing Academy of Information and Communication Technology

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



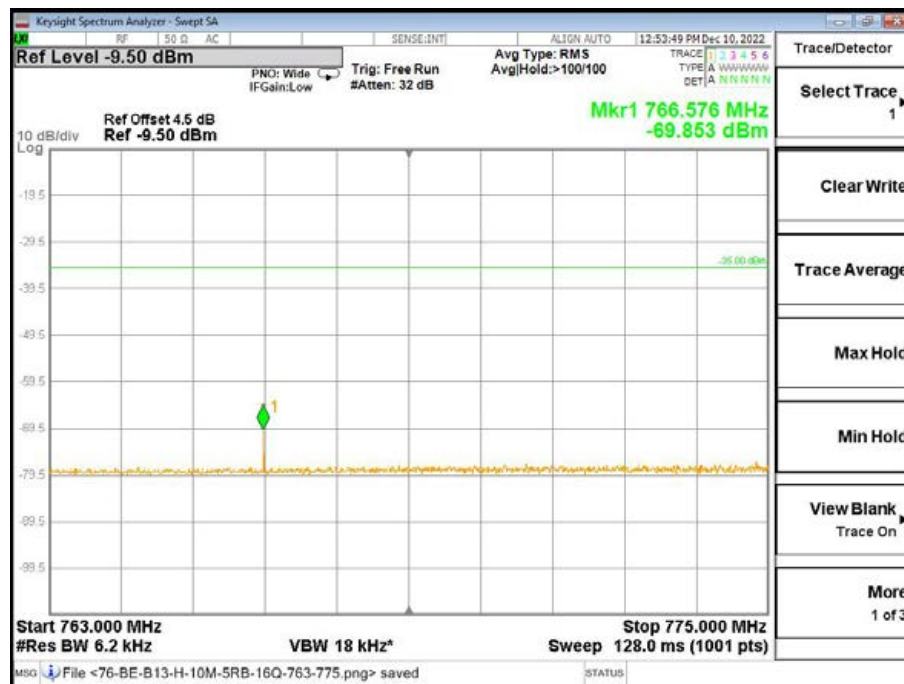
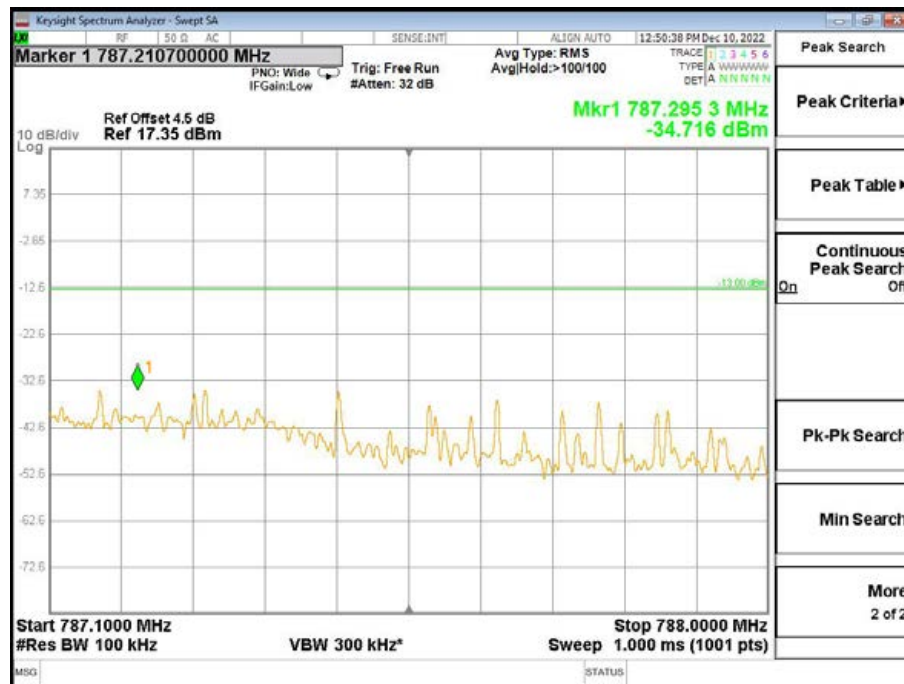


For the 1559-1610MHz test band, the worst case:  $-52.295\text{dBm} + \text{Antenna Gain}(4\text{dBi}) = -48.295\text{dBm}$   
High Channel-10MHz Bandwidth-5RB-16QAM



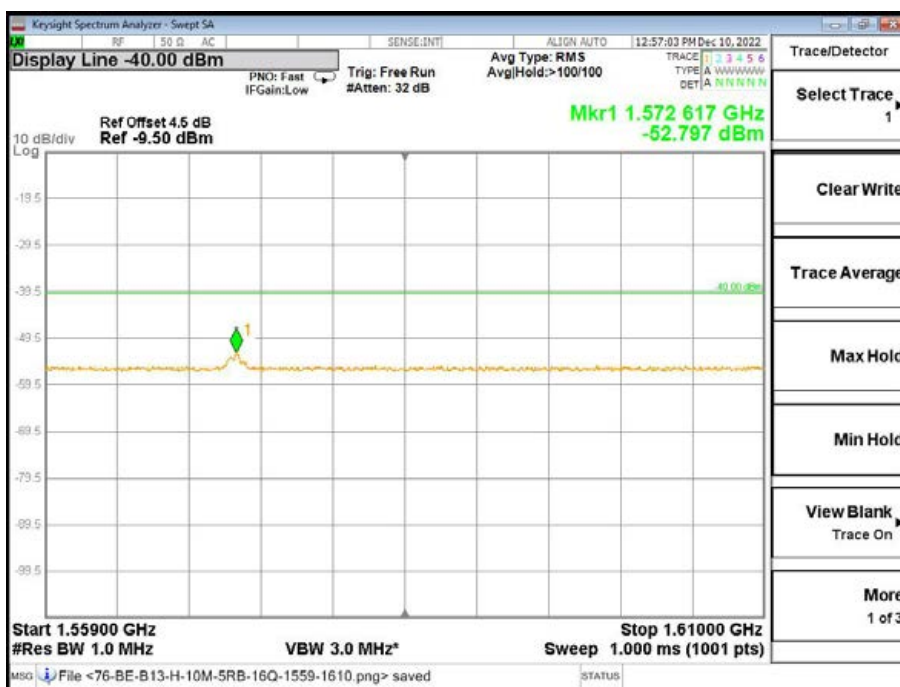
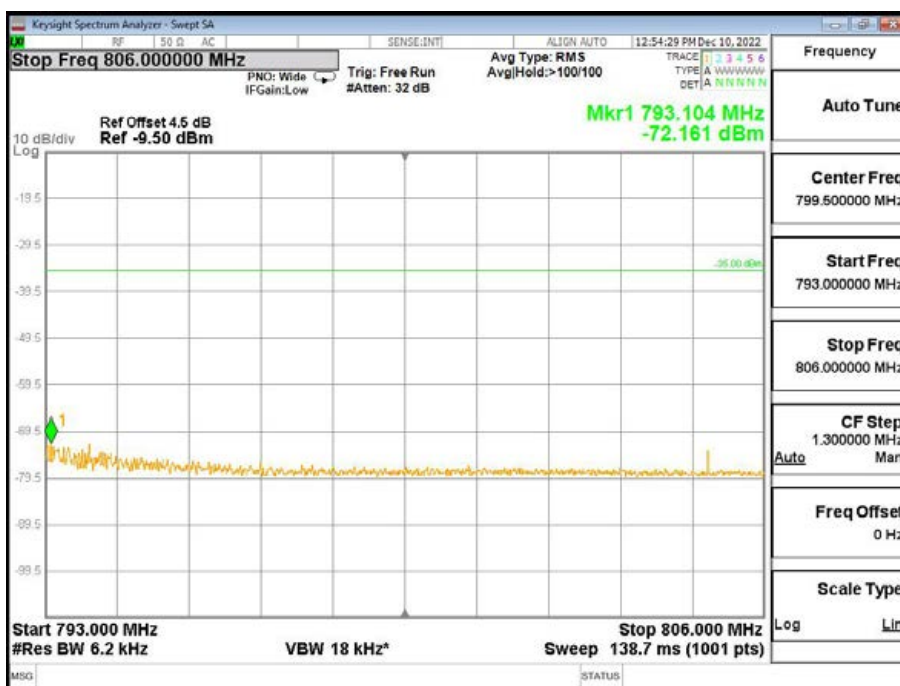
## Chongqing Academy of Information and Communication Technology

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

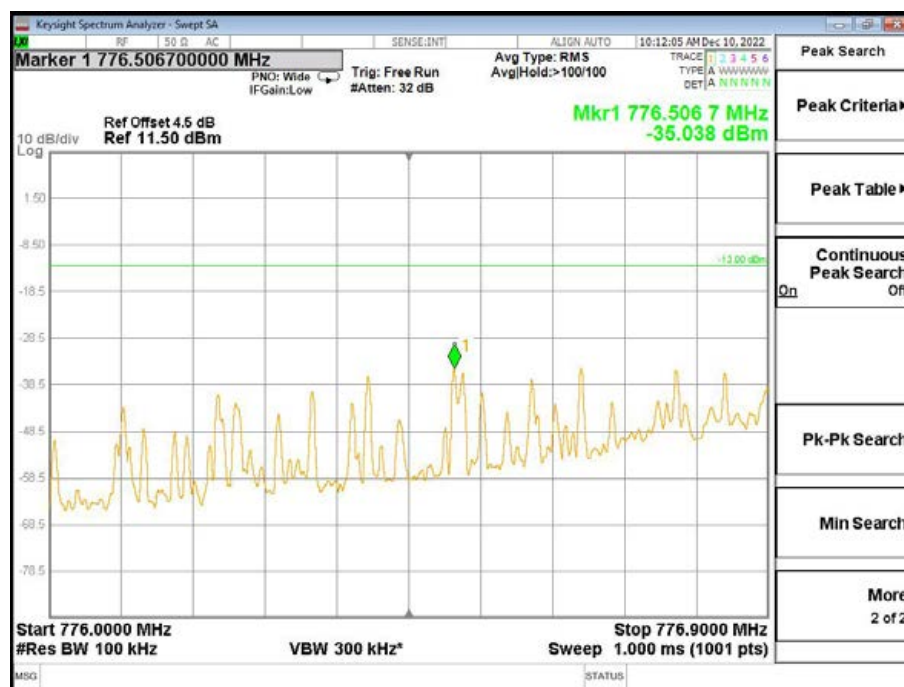
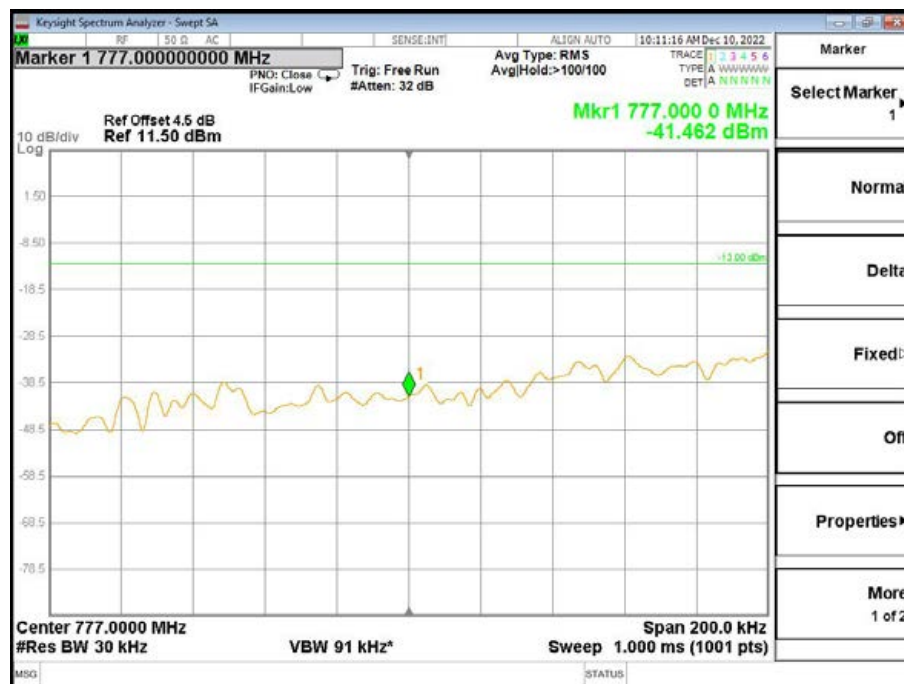
Address: No. 8, Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China, 401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777



For the 1559-1610MHz test band, the worst case:  $-52.797\text{dBm} + \text{Antenna Gain}(4\text{dBi}) = -48.797\text{dBm}$   
 High Channel-10MHz Bandwidth-6RB-QPSK

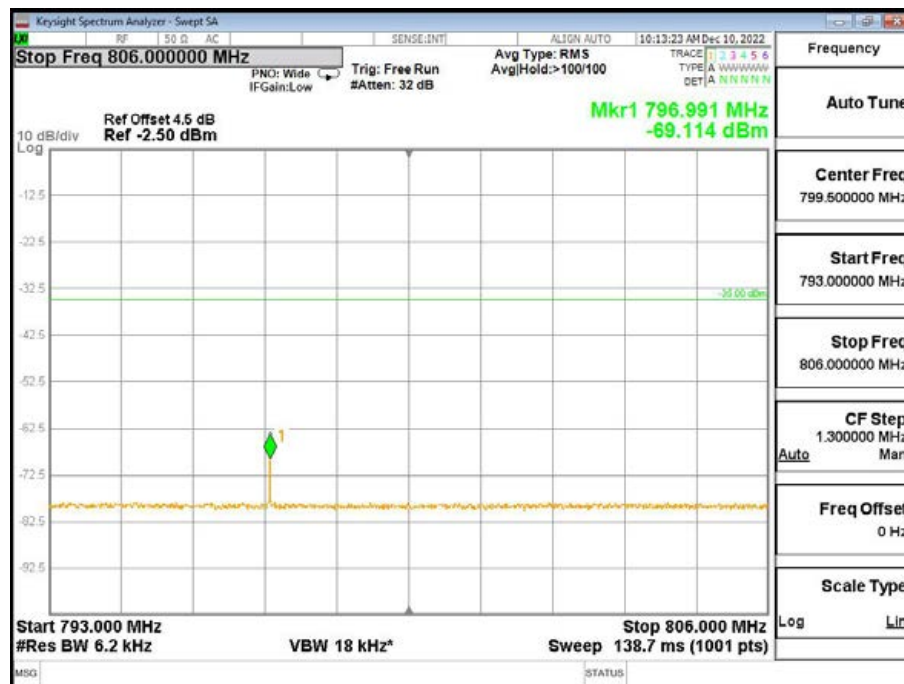
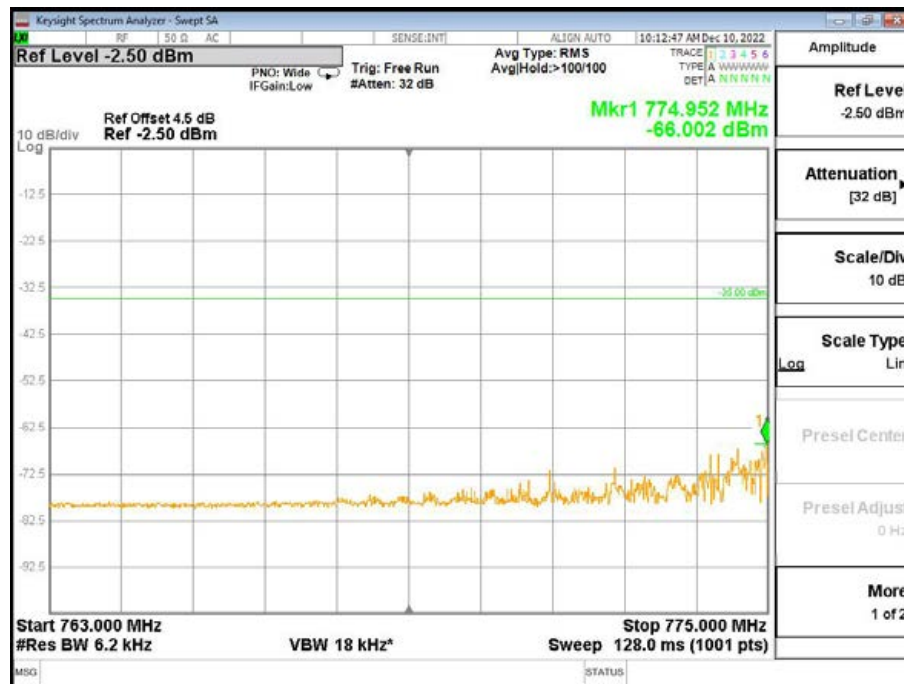
## Chongqing Academy of Information and Communication Technology

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



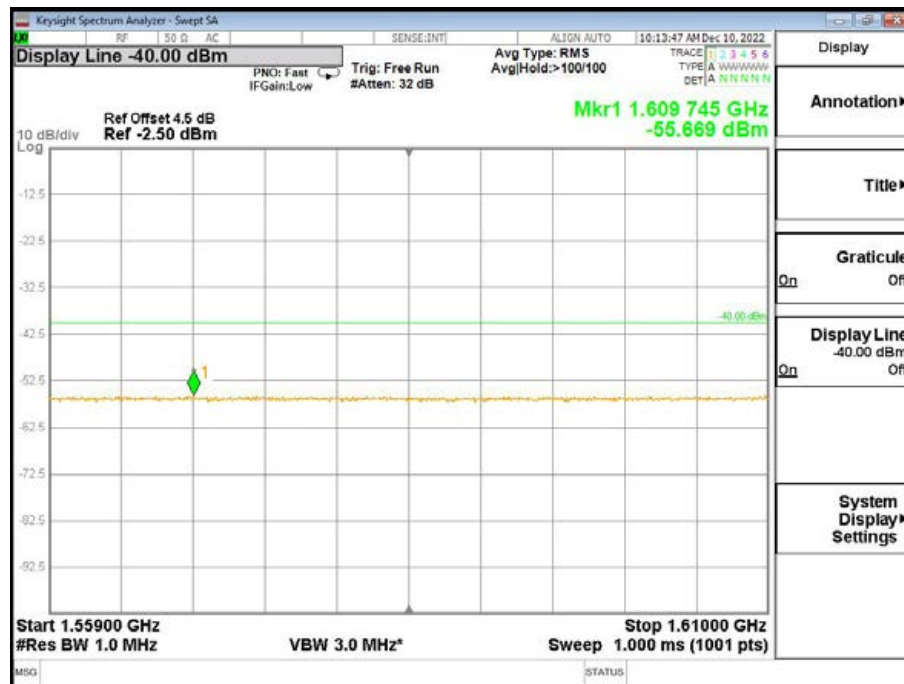
## Chongqing Academy of Information and Communication Technology

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

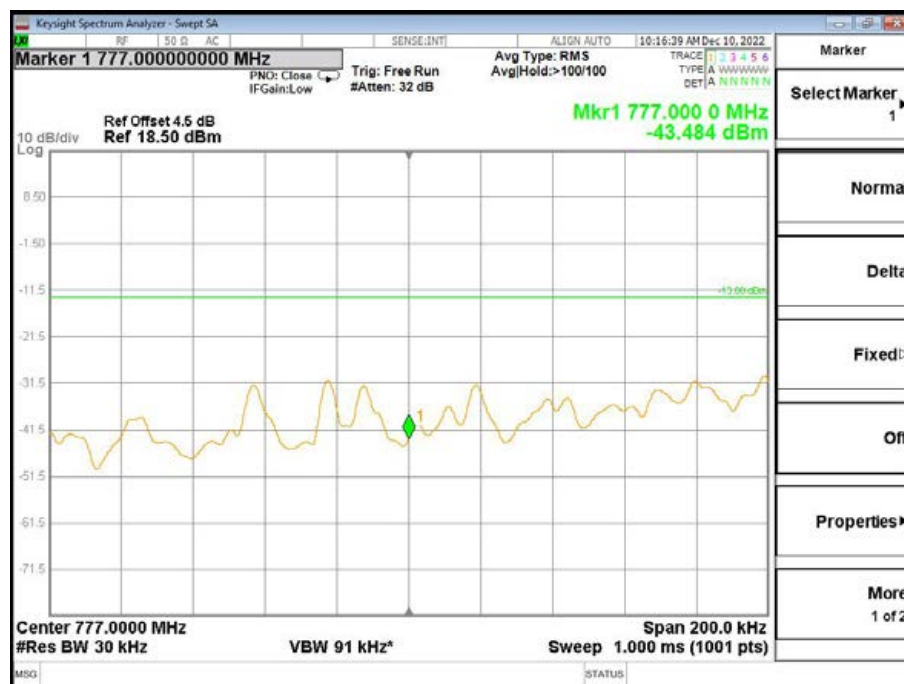


## Chongqing Academy of Information and Communication Technology

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

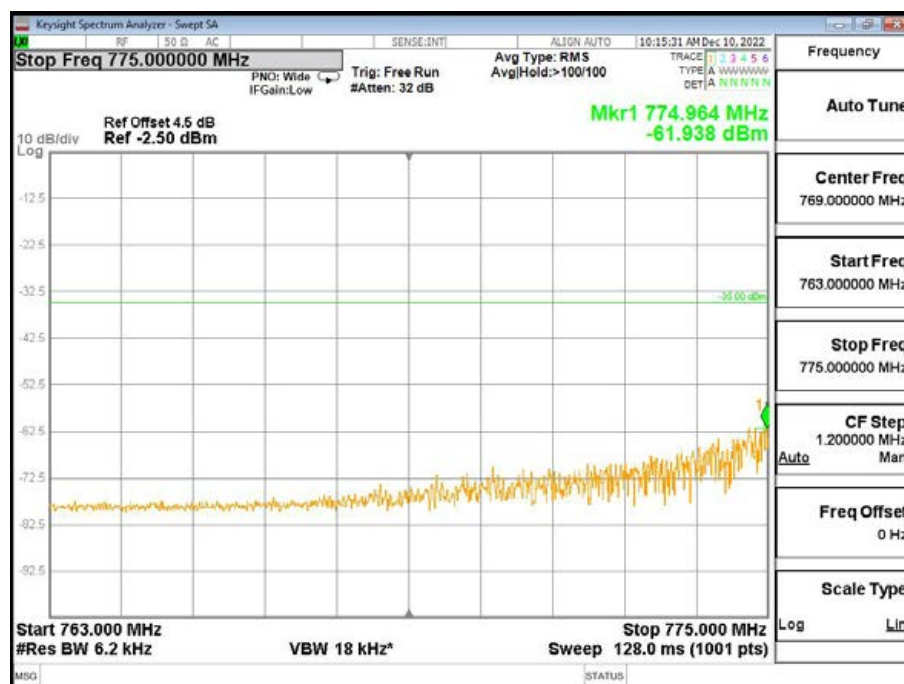
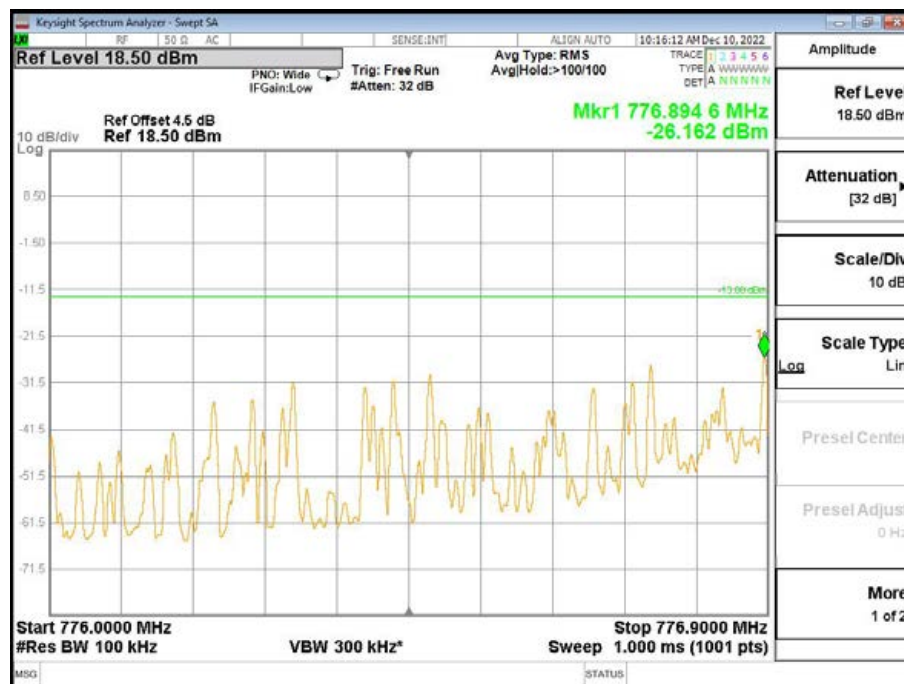


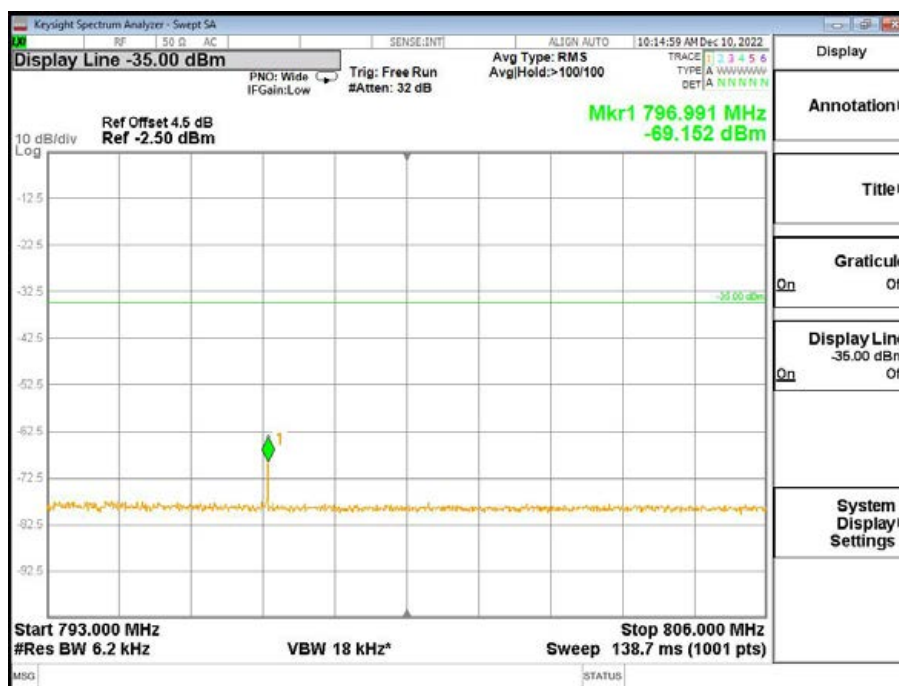
For the 1559-1610MHz test band, the worst case:  $-55.669\text{dBm} + \text{Antenna Gain}(4\text{dBi}) = -51.669\text{dBm}$   
Low Channel-5MHz Bandwidth-1RB-16QAM



## 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





For the 1559-1610MHz test band, the worst case:  $-55.640\text{dBm} + \text{Antenna Gain}(4\text{dBi}) = -51.640\text{dBm}$   
Low Channel-5MHz Bandwidth-1RB-QPSK

## 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