



REPORT No.: SZ19020019W02

## 10MHz/QPSK/High CH



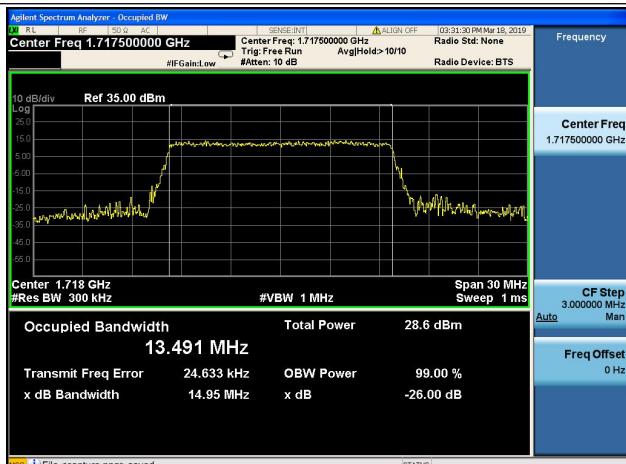
## 10MHz/16QAM/High CH



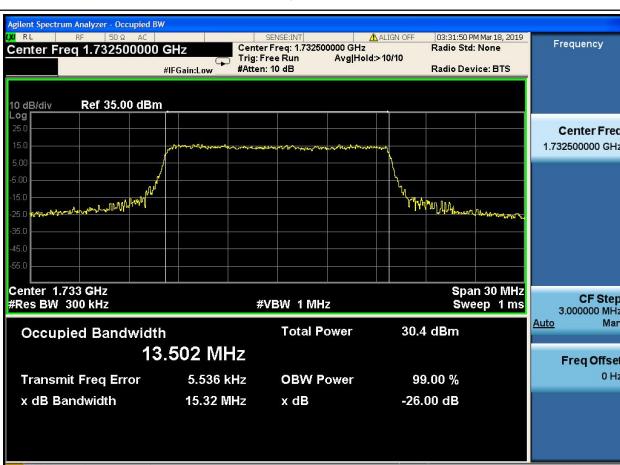
## 15MHz/QPSK/Low CH



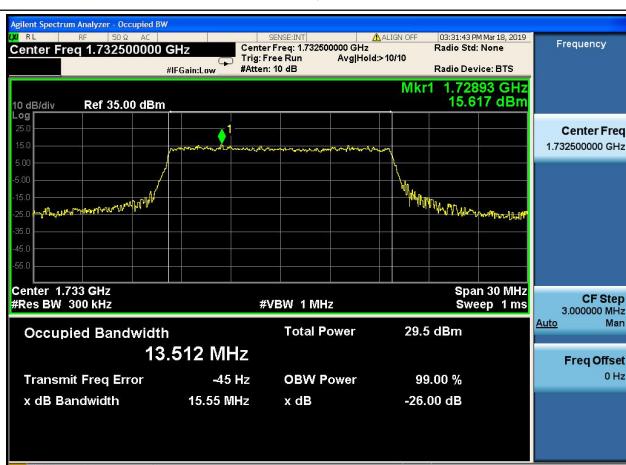
## 15MHz/16QAM/Low CH



## 15MHz/QPSK/Mid CH



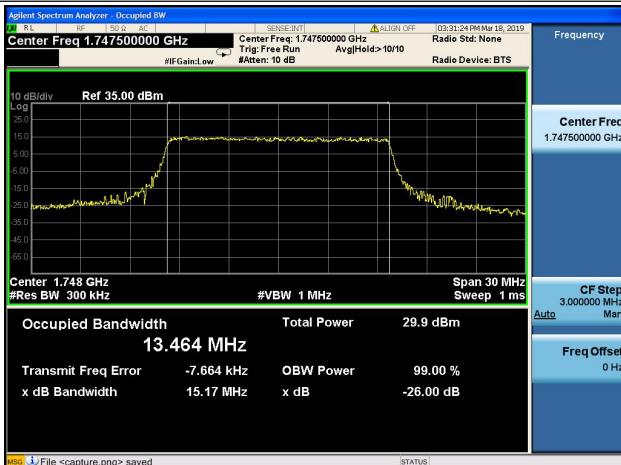
## 15MHz/16QAM/Mid CH

**MORLAB**SHENZHEN MORLAB COMMUNICATIONS TECHNOLOGY Co., Ltd.  
FL1-3, Building A, FeiYang Science Park, No.8 LongChang Road,  
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. ChinaTel: 86-755-36698555 Fax: 86-755-36698525  
Http://www.morlab.cn E-mail: service@morlab.cn



REPORT No.: SZ19020019W02

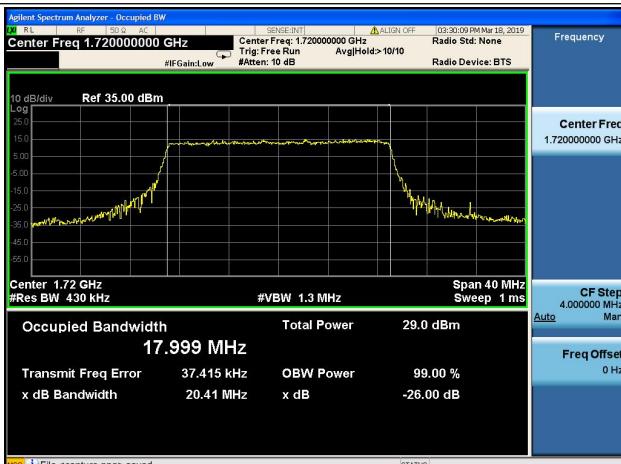
## 15MHz/QPSK/High CH



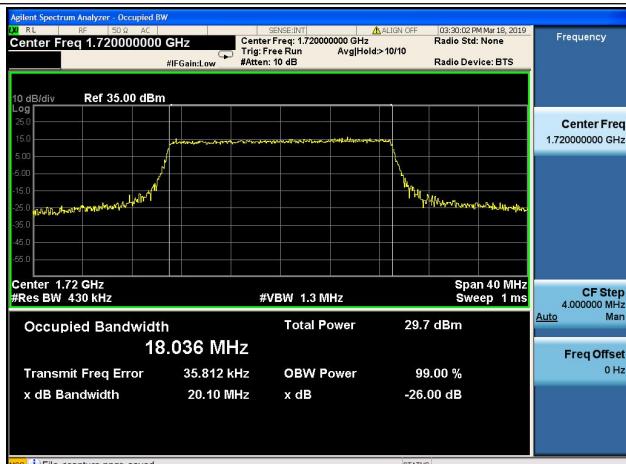
## 15MHz/16QAM/High CH



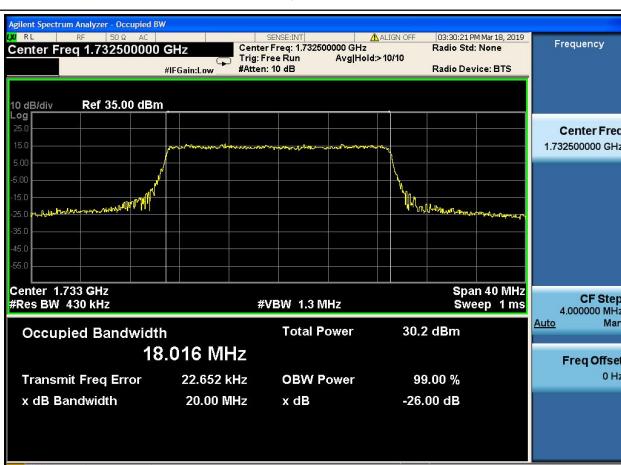
## 20MHz/QPSK/Low CH



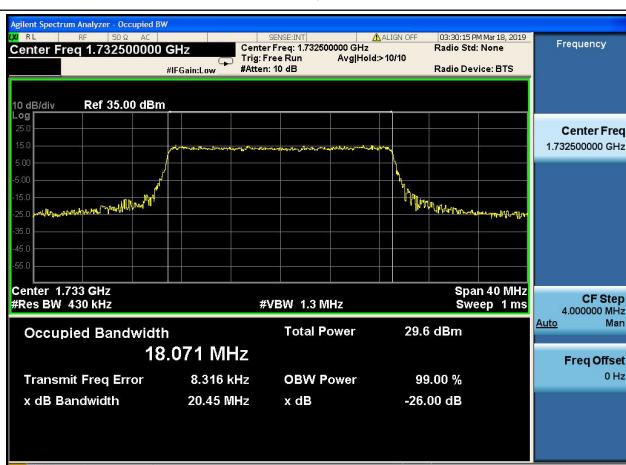
## 20MHz/16QAM/Low CH



## 20MHz/QPSK/Mid CH



## 20MHz/16QAM/Mid CH

**MORLAB**SHENZHEN MORLAB COMMUNICATIONS TECHNOLOGY Co., Ltd.  
FL1-3, Building A, FeiYang Science Park, No.8 LongChang Road,  
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. ChinaTel: 86-755-36698555 Fax: 86-755-36698525  
Http://www.morlab.cn E-mail: service@morlab.cn



REPORT No.: SZ19020019W02

## 20MHz/QPSK/High CH



## 20MHz/16QAM/High CH

**MORLAB**

SHENZHEN MORLAB COMMUNICATIONS TECHNOLOGY Co., Ltd.  
FL1-3, Building A, FeiYang Science Park, No.8 LongChang Road,  
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555      Fax: 86-755-36698525  
Http://www.morlab.cn      E-mail: service@morlab.cn

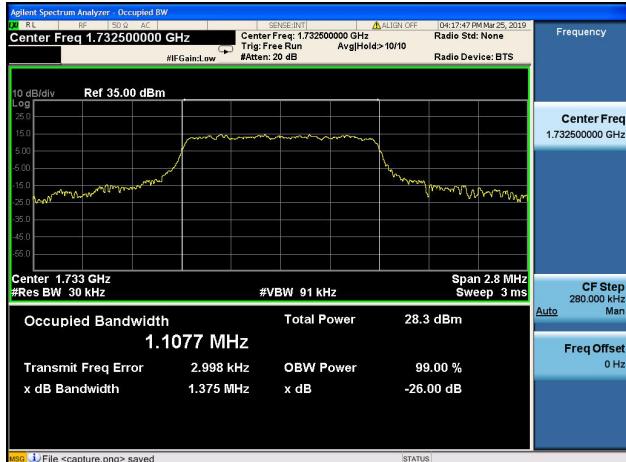


REPORT No.: SZ19020019W02

## 1.4MHz/64QAM/Low CH



## 1.4MHz/64QAM/Mid CH



## 1.4MHz/64QAM/High CH



## 3MHz/64QAM/Low CH



## 3MHz/64QAM/Mid CH



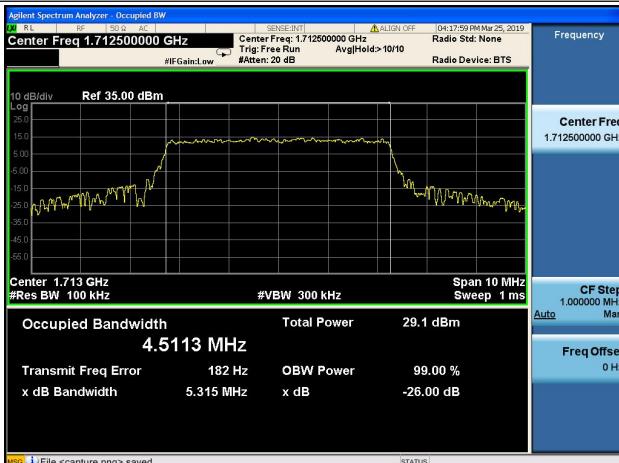
## 3MHz/64QAM/High CH

**MORLAB**SHENZHEN MORLAB COMMUNICATIONS TECHNOLOGY Co., Ltd.  
FL1-3, Building A, FeiYang Science Park, No.8 LongChang Road,  
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. ChinaTel: 86-755-36698555 Fax: 86-755-36698525  
Http://www.morlab.cn E-mail: service@morlab.cn



REPORT No.: SZ19020019W02

## 5MHz/64QAM/Low CH



## 5MHz/64QAM/Mid CH



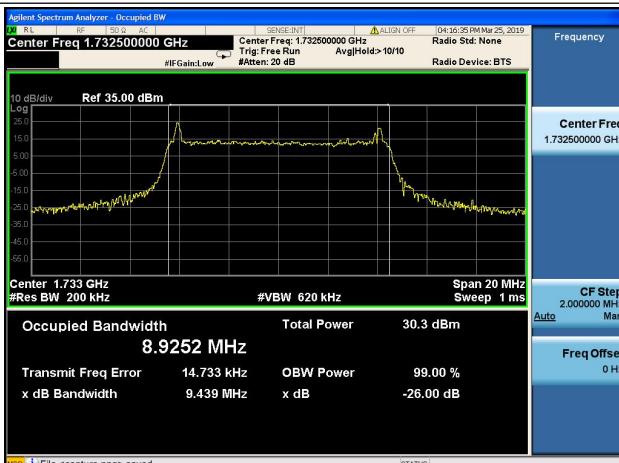
## 5MHz/64QAM/High CH



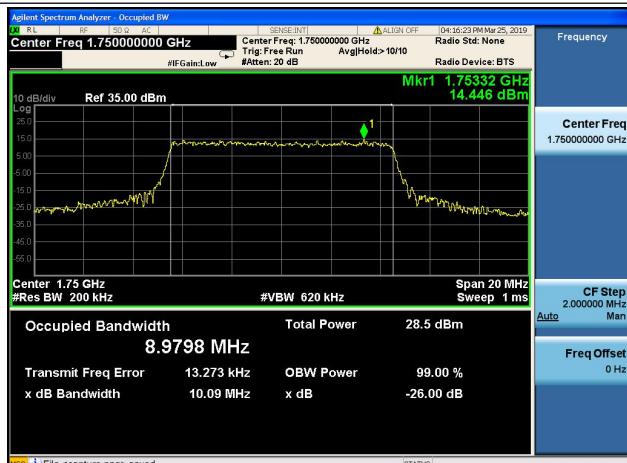
## 10MHz/64QAM/Low CH



## 10MHz/64QAM/Mid CH



## 10MHz/64QAM/High CH

**MORLAB**SHENZHEN MORLAB COMMUNICATIONS TECHNOLOGY Co., Ltd.  
FL1-3, Building A, FeiYang Science Park, No.8 LongChang Road,  
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. ChinaTel: 86-755-36698555 Fax: 86-755-36698525  
Http://www.morlab.cn E-mail: service@morlab.cn



REPORT No.: SZ19020019W02

## 15MHz/64QAM/Low CH



## 15MHz/64QAM/Mid CH



## 15MHz/64QAM/High CH



## 20MHz/64QAM/Low CH



## 20MHz/64QAM/Mid CH



## 20MHz/64QAM/High CH

**MORLAB**SHENZHEN MORLAB COMMUNICATIONS TECHNOLOGY Co., Ltd.  
FL1-3, Building A, FeiYang Science Park, No.8 LongChang Road,  
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. ChinaTel: 86-755-36698555 Fax: 86-755-36698525  
Http://www.morlab.cn E-mail: service@morlab.cn

**LTE Band 5, BW: 1.4MHz**

Channel	Frequency (MHz)	QPSK		16QAM	
		99% Bandwidth (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)	26dB Bandwidth (MHz)
20407	824.7	1.1	1.31	1.11	1.36
20525	836.5	1.11	1.3	1.11	1.51
20643	848.3	1.1	1.33	1.11	1.37

**LTE Band 5, BW: 3MHz**

Channel	Frequency (MHz)	QPSK		16QAM	
		99% Bandwidth (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)	26dB Bandwidth (MHz)
20415	825.5	2.72	3.19	2.72	3.22
20525	836.5	2.71	3.13	2.73	3.22
20635	847.5	2.72	3.07	2.72	3.19

**LTE Band 5, BW: 5MHz**

Channel	Frequency (MHz)	QPSK		16QAM	
		99% Bandwidth (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)	26dB Bandwidth (MHz)
20425	826.5	4.51	5.32	4.52	5.36
20525	836.5	4.51	5.39	4.52	5.44
20625	846.5	4.51	5.48	4.51	5.48

**LTE Band 5, BW: 10MHz**

Channel	Frequency (MHz)	QPSK		16QAM	
		99% Bandwidth (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)	26dB Bandwidth (MHz)
20450	829.0	9.03	10.19	8.97	9.99
20525	836.5	9.01	9.9	8.99	10.02
20600	844.0	9.04	10.31	8.99	10.13

**LTE Band 5, BW: 1.4MHz**

Channel	Frequency (MHz)	64QAM			
		99% Bandwidth (MHz)	26dB Bandwidth (MHz)		
20407	824.7	1.11	1.35		
20525	836.5	1.11	1.4		
20643	848.3	1.11	1.48		

**LTE Band 5, BW: 3MHz**



Channel	Frequency (MHz)	64QAM			
		99% Bandwidth (MHz)	26dB Bandwidth (MHz)		
20415	825.5	2.72	3.24		
20525	836.5	2.72	3.2		
20635	847.5	2.72	3.22		

**LTE Band 5, BW: 5MHz**

Channel	Frequency (MHz)	64QAM			
		99% Bandwidth (MHz)	26dB Bandwidth (MHz)		
20425	826.5	4.52	5.41		
20525	836.5	4.51	5.51		
20625	846.5	4.51	5.35		

**LTE Band 5, BW: 10MHz**

Channel	Frequency (MHz)	64QAM			
		99% Bandwidth (MHz)	26dB Bandwidth (MHz)		
20450	829.0	8.98	9.98		
20525	836.5	8.99	10.14		
20600	844.0	8.99	10.07		



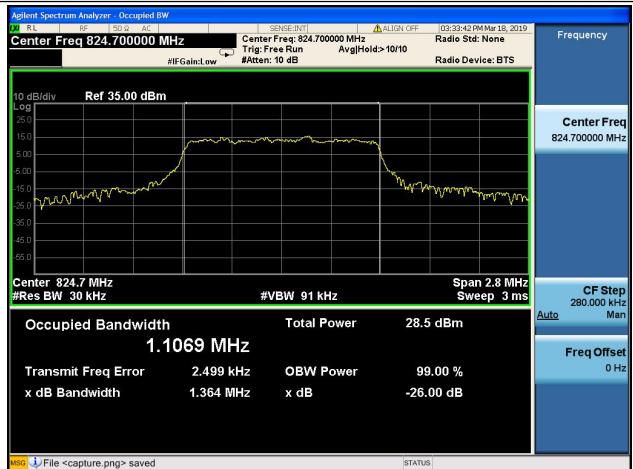
REPORT No.: SZ19020019W02

## LTE Band 5 99%&amp;26dB Bandwidth

## 1.4MHz/QPSK/Low CH



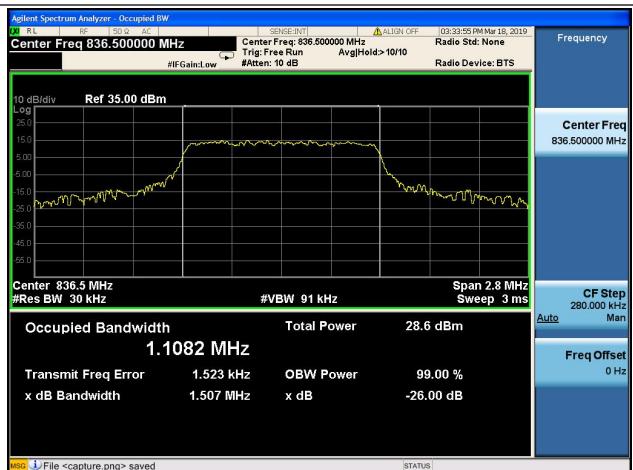
## 1.4MHz/16QAM/Low CH



## 1.4MHz/QPSK/Mid CH



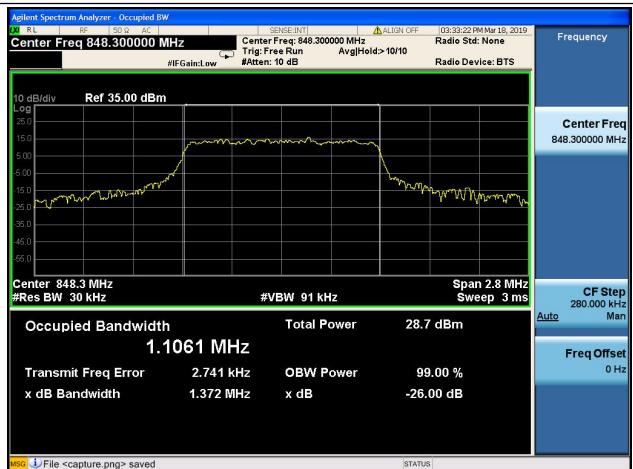
## 1.4MHz/16QAM/Mid CH



## 1.4MHz/QPSK/High CH



## 1.4MHz/16QAM/High CH



MORLAB

SHENZHEN MORLAB COMMUNICATIONS TECHNOLOGY Co., Ltd.  
FL1-3, Building A, FeiYang Science Park, No.8 LongChang Road,  
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 | Fax: 86-755-36698525  
Http://www.morlab.cn | E-mail: service@morlab.cn