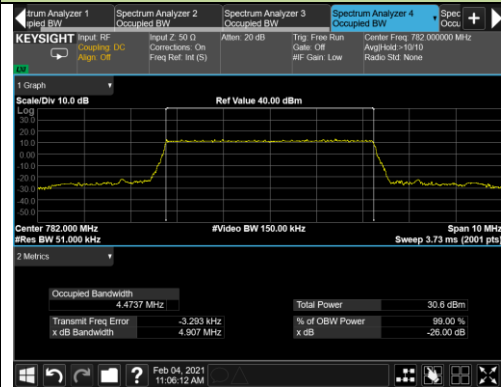
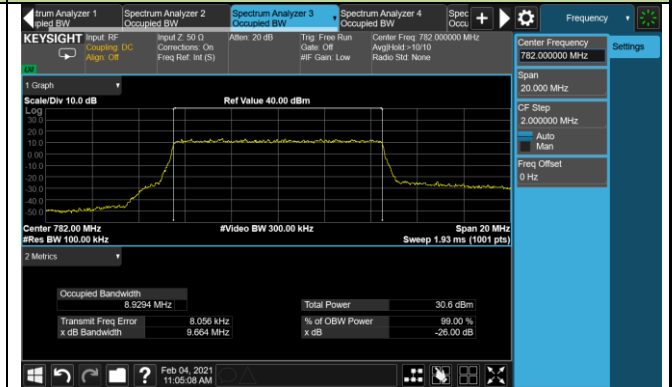


## 99% Bandwidth - QPSK

## 5MHz Channel Bandwidth

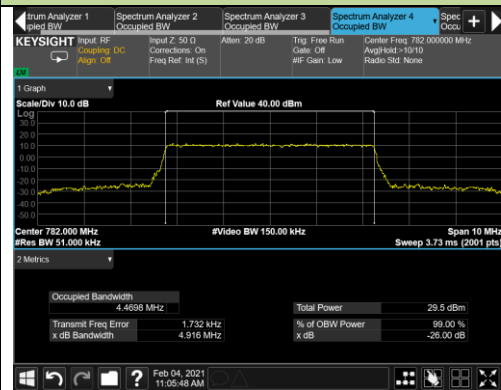


## 10MHz Channel Bandwidth

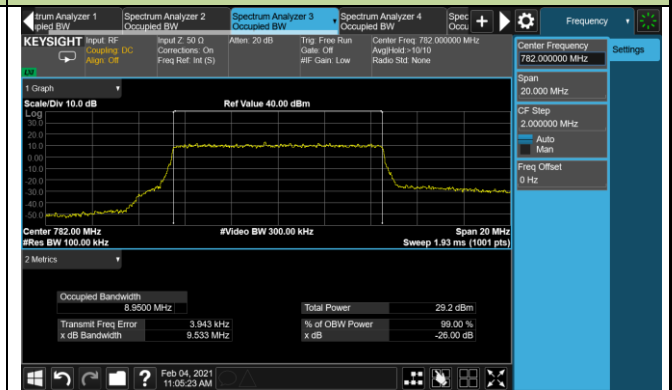


## 99% Bandwidth - 16QAM

## 5MHz Channel Bandwidth

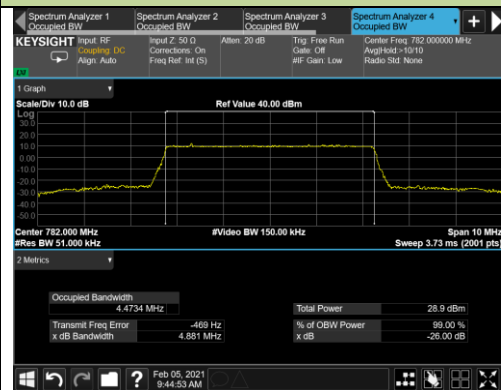


## 10MHz Channel Bandwidth

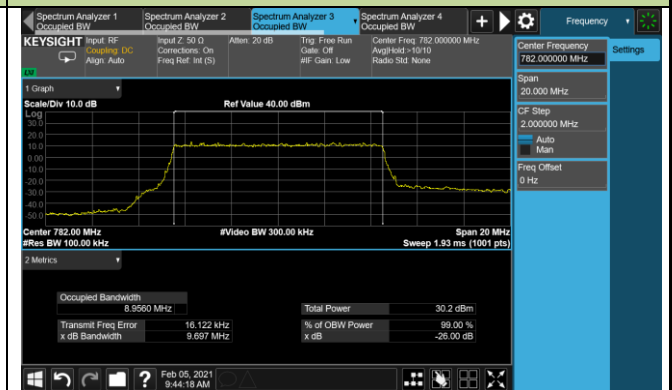


## 99% Bandwidth - 64QAM

## 5MHz Channel Bandwidth



## 10MHz Channel Bandwidth

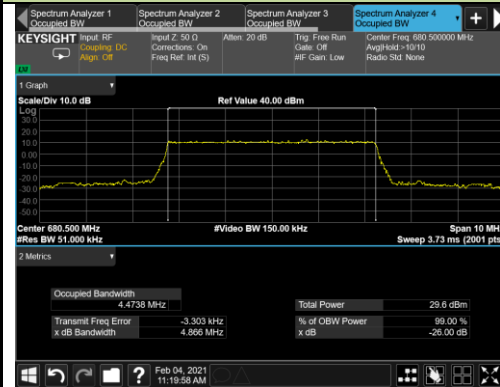


Product	LTE Module	Test Site	WZ-SR6
Test Engineer	Cloud Guo	Test Date	2021/02/04
Test Band	LTE Band 71		

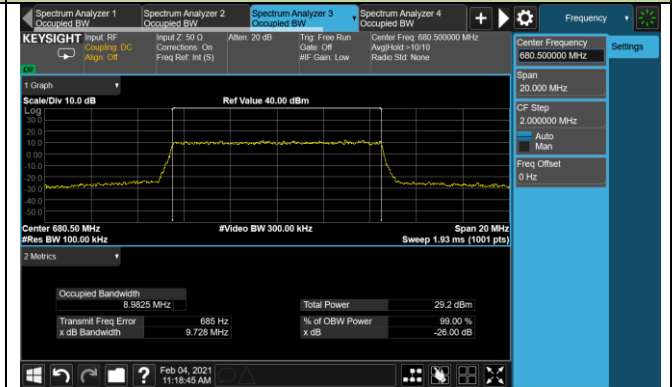
Channel	Frequency (MHz)	Bandwidth (MHz)	99% Bandwidth (MHz)
QPSK			
133297	680.5	5	4.47
		10	8.98
		15	13.43
		20	17.88
16QAM			
133297	680.5	5	4.47
		10	8.97
		15	13.40
		20	17.89
64QAM			
133297	680.5	5	4.47
		10	8.94
		15	13.39
		20	17.86

99% Bandwidth - QPSK

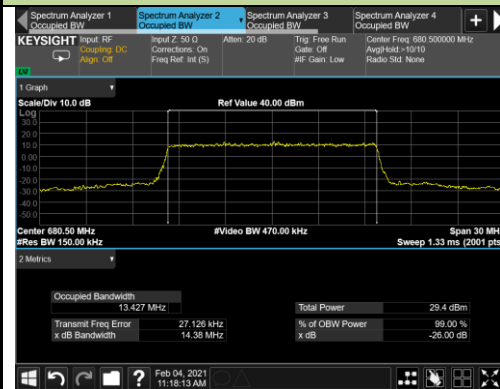
5MHz Channel Bandwidth



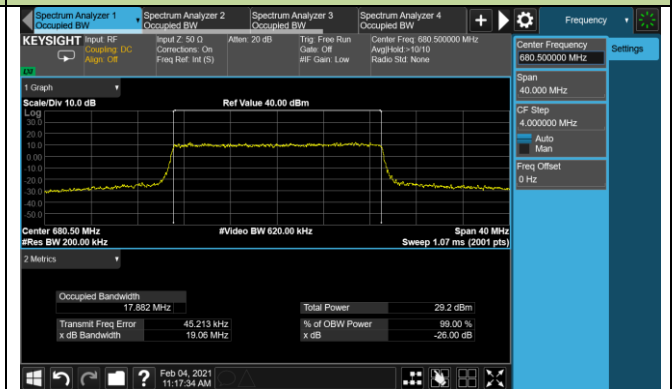
10MHz Channel Bandwidth



15MHz Channel Bandwidth

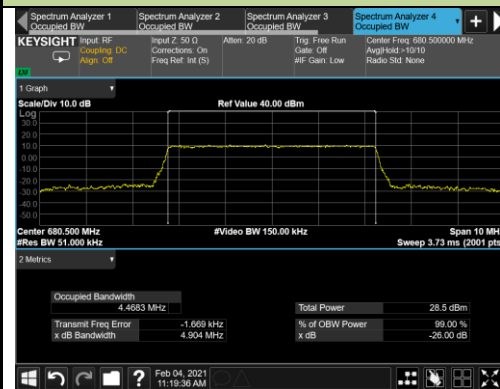


20MHz Channel Bandwidth

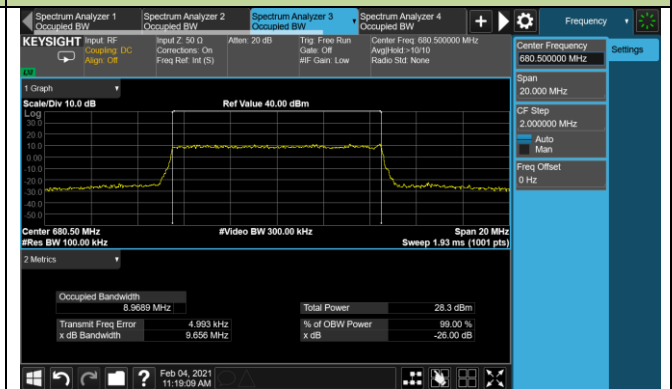


99% Bandwidth - 16QAM

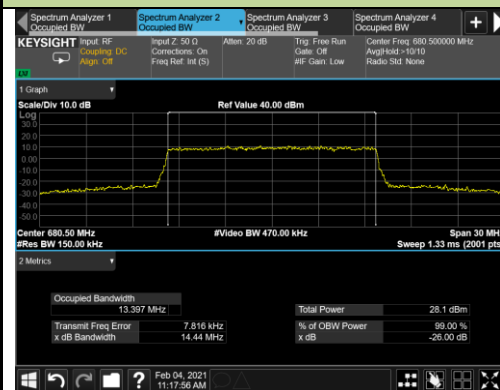
5MHz Channel Bandwidth



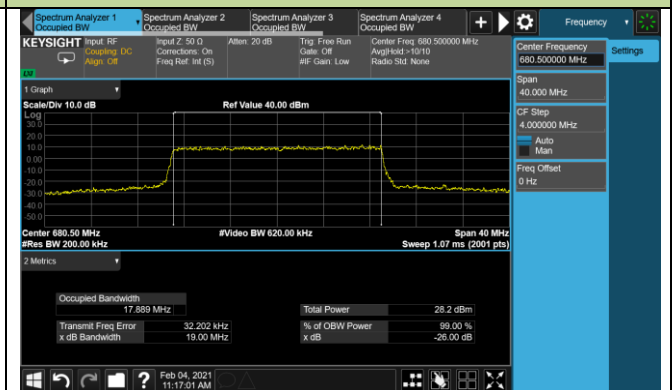
10MHz Channel Bandwidth



15MHz Channel Bandwidth

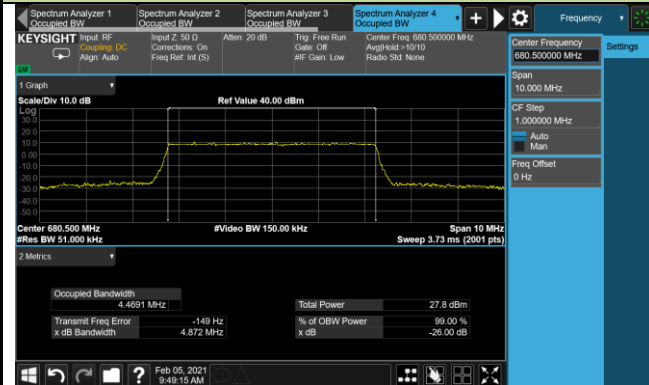


20MHz Channel Bandwidth

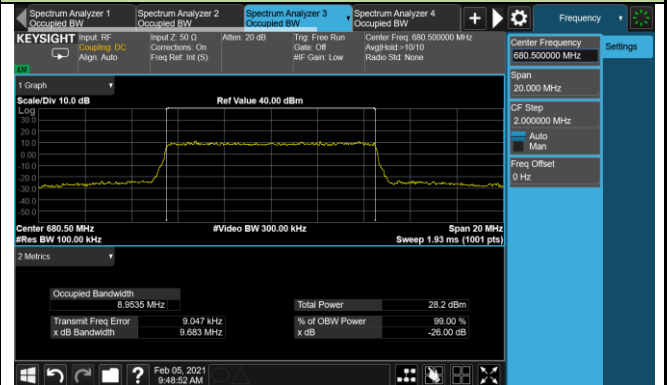


## 99% Bandwidth - 64QAM

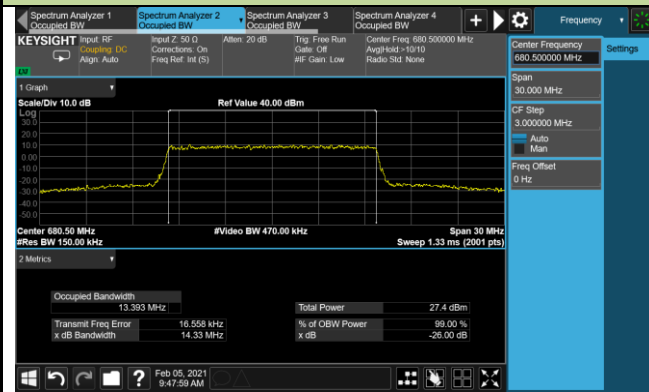
## 5MHz Channel Bandwidth



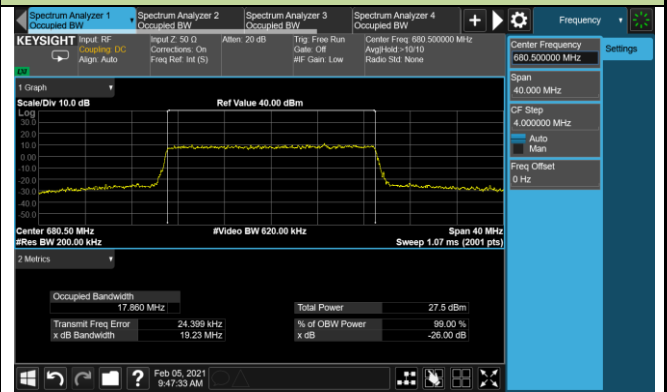
## 10MHz Channel Bandwidth



## 15MHz Channel Bandwidth



## 20MHz Channel Bandwidth

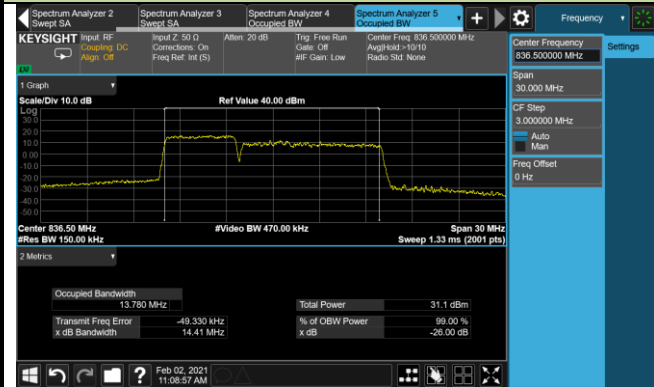


Product	LTE Module	Test Site	WZ-SR6
Test Engineer	Cloud Guo	Test Date	2021/02/02
Test Band	Intra-Band CA_5B		

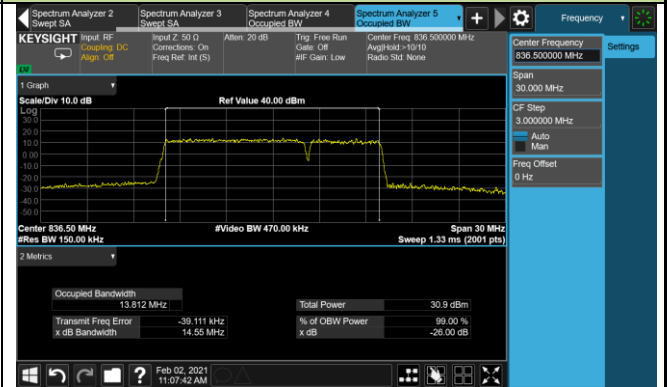
Modulation	Frequency (MHz)	Bandwidth (MHz)	99% Bandwidth (MHz)
QPSK	831.8 + 839.0	5+10	13.78
	834.0 + 841.2	10+5	13.81
	831.6 + 841.5	10+10	18.67
16QAM	831.8 + 839.0	5+10	13.76
	834.0 + 841.2	10+5	13.81
	831.6 + 841.5	10+10	18.71
64QAM	831.8 + 839.0	5+10	13.73
	834.0 + 841.2	10+5	13.83
	831.6 + 841.5	10+10	18.79

### 99% Bandwidth - QPSK

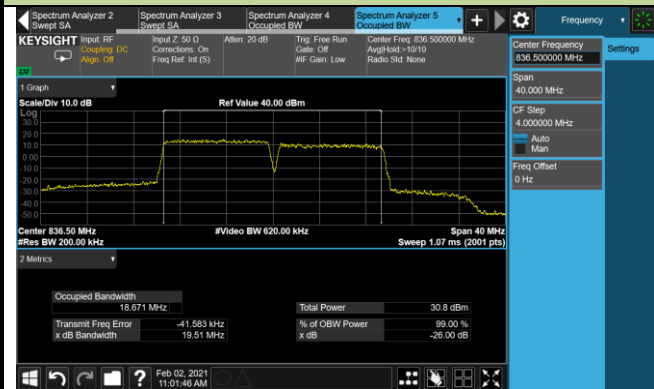
#### 5+10MHz Channel Bandwidth



#### 10+5MHz Channel Bandwidth

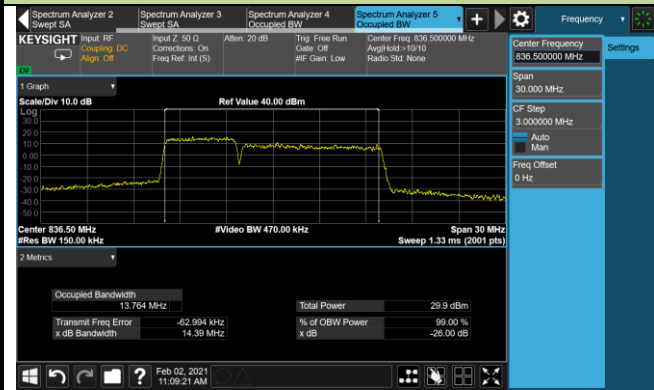


#### 10+10MHz Channel Bandwidth

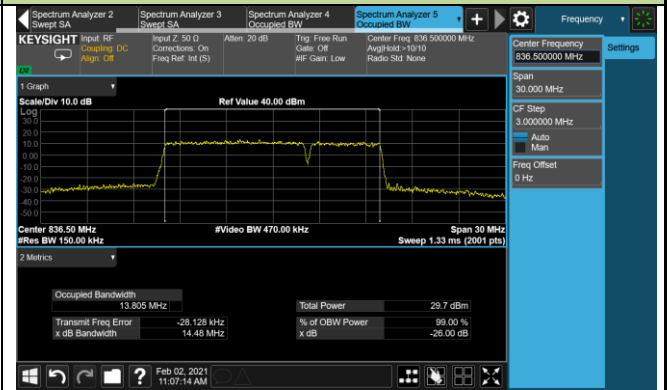


### 99% Bandwidth - 16QAM

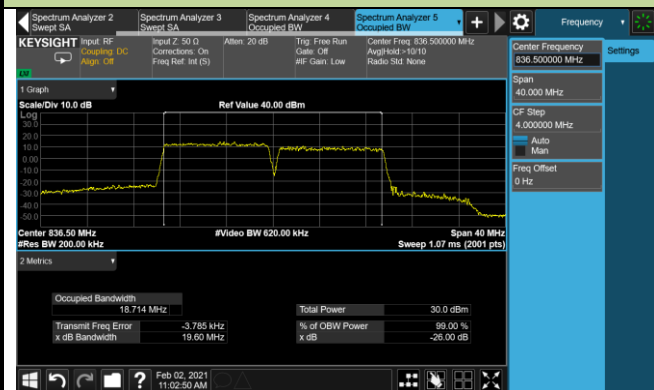
#### 5+10MHz Channel Bandwidth



#### 10+5MHz Channel Bandwidth

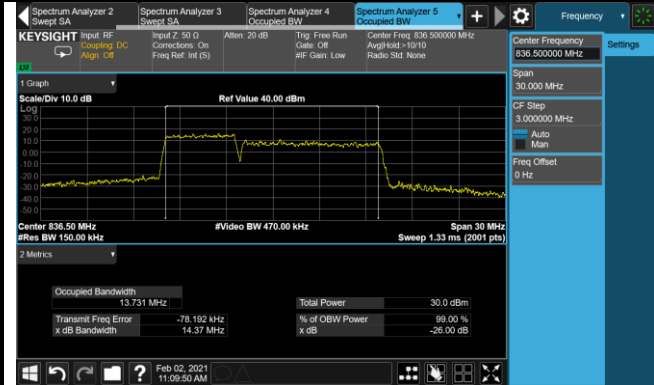


#### 10+10MHz Channel Bandwidth

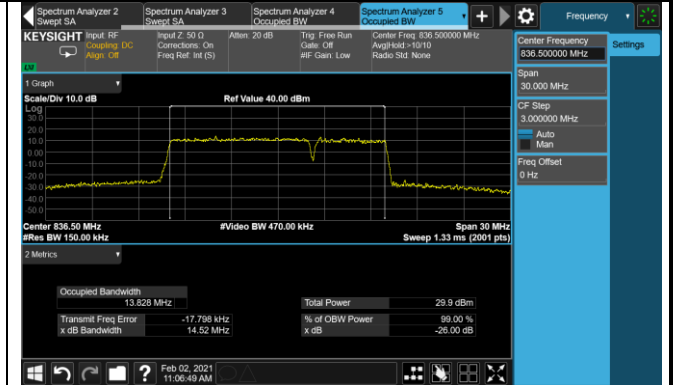


99% Bandwidth - 64QAM

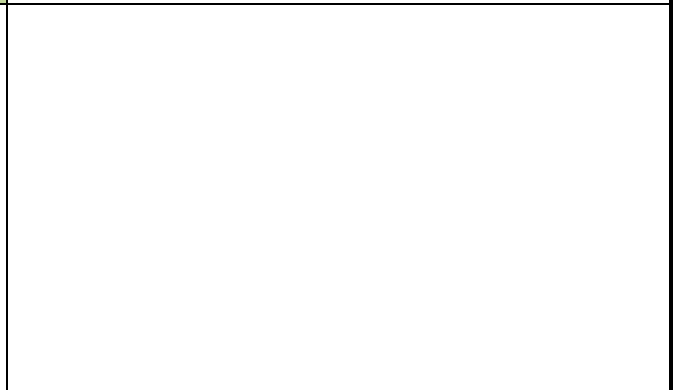
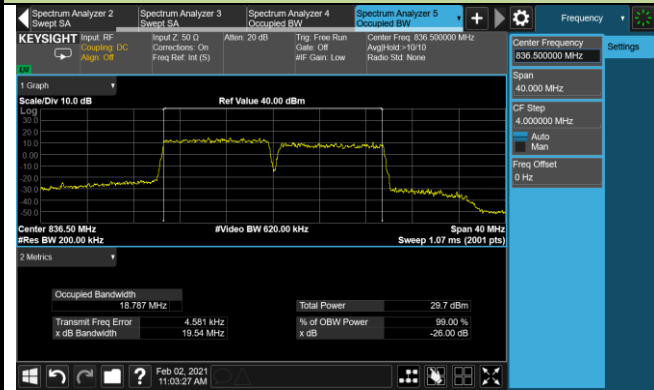
5+10MHz Channel Bandwidth



10+5MHz Channel Bandwidth



10+10MHz Channel Bandwidth



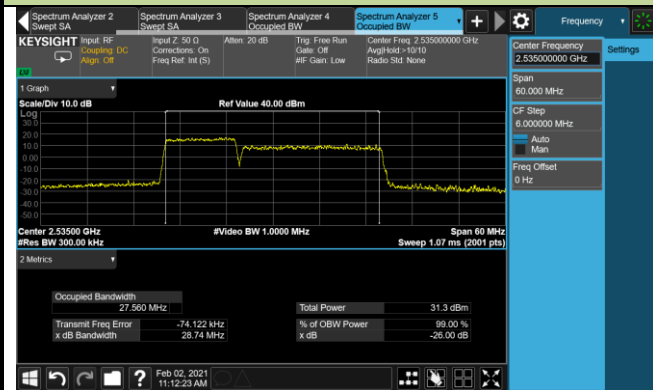
Product	LTE Module	Test Site	WZ-SR6
Test Engineer	Cloud Guo	Test Date	2021/02/02
Test Band	Intra-Band CA_7C		

Modulation	Frequency (MHz)	Bandwidth (MHz)	99% Bandwidth (MHz)
QPSK	2525.6 + 2540.0	10+20	27.56
	2530.1 + 2542.1	15+10	23.00
	2527.5 + 2542.5	15+15	28.17
	2525.3 + 2542.4	15+20	32.59
	2530.1 + 2544.5	20+10	27.55
	2527.6 + 2544.7	20+15	32.46
	2525.1 + 2544.9	20+20	37.37
16QAM	2525.6 + 2540.0	10+20	27.48
	2530.1 + 2542.1	15+10	23.01
	2527.5 + 2542.5	15+15	28.17
	2525.3 + 2542.4	15+20	32.40
	2530.1 + 2544.5	20+10	27.55
	2527.6 + 2544.7	20+15	32.49
	2525.1 + 2544.9	20+20	37.37
64QAM	2525.6 + 2540.0	10+20	27.57
	2530.1 + 2542.1	15+10	23.05
	2527.5 + 2542.5	15+15	28.11
	2525.3 + 2542.4	15+20	32.35
	2530.1 + 2544.5	20+10	27.61
	2527.6 + 2544.7	20+15	32.47
	2525.1 + 2544.9	20+20	37.38

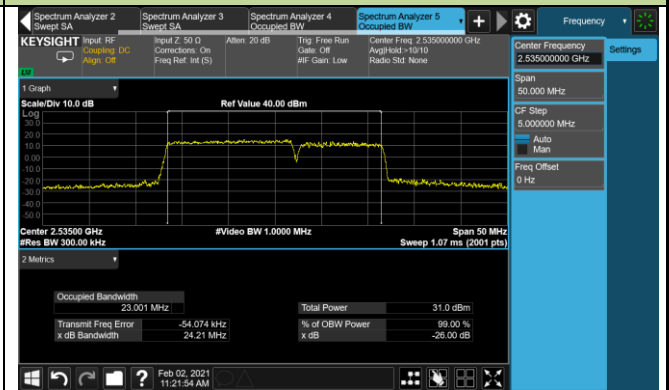


## 99% Bandwidth - QPSK

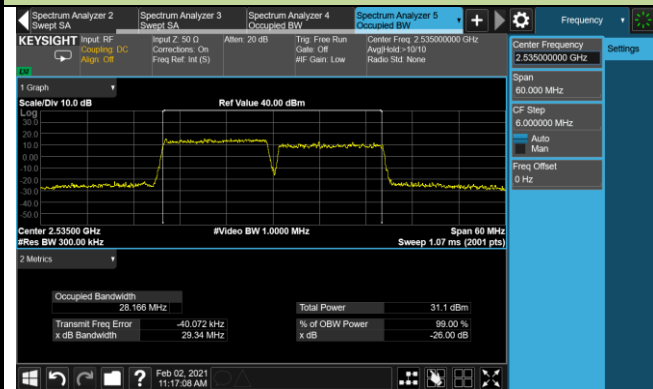
## 10+20MHz Channel Bandwidth



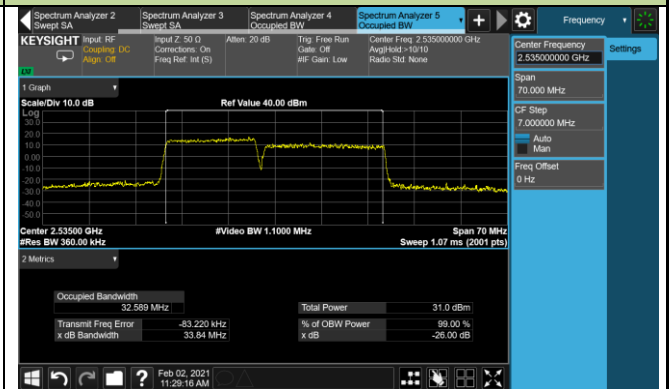
## 15+10MHz Channel Bandwidth



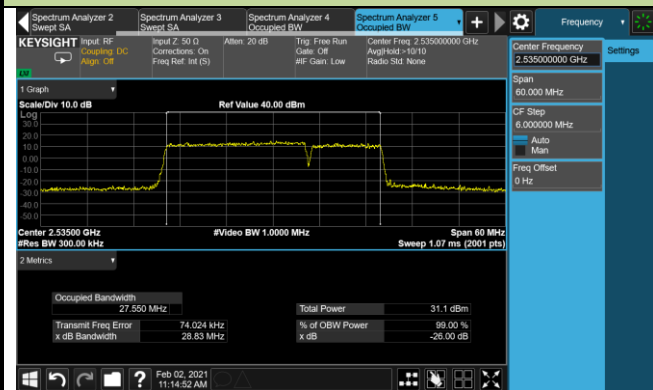
## 15+15MHz Channel Bandwidth



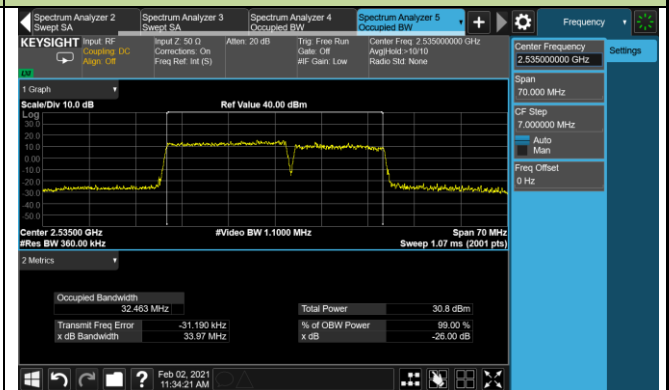
## 15+20MHz Channel Bandwidth



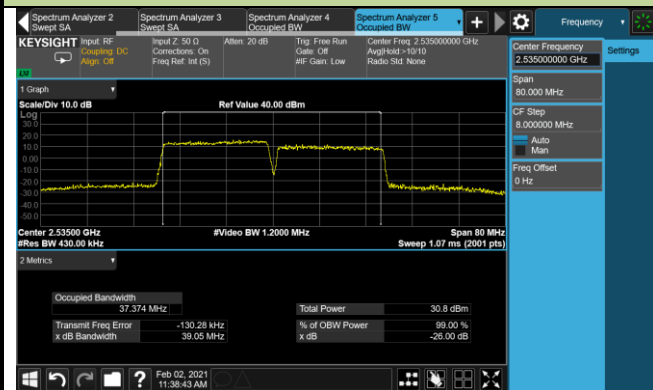
## 20+10MHz Channel Bandwidth



## 20+15MHz Channel Bandwidth

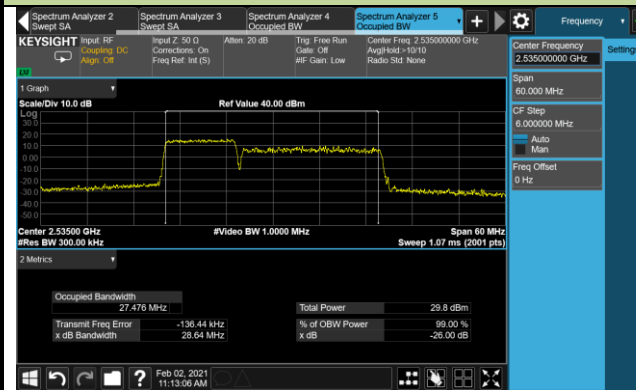


## 20+20MHz Channel Bandwidth

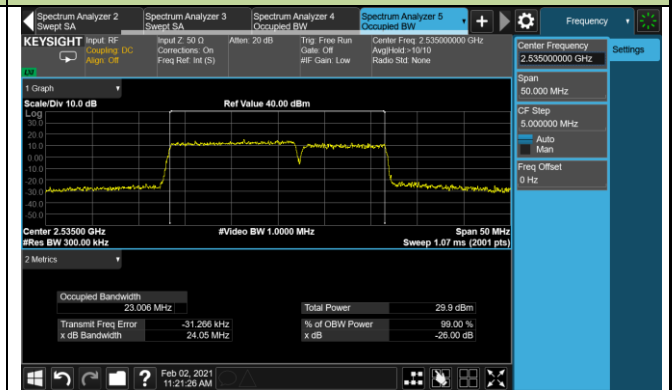


## 99% Bandwidth - 16QAM

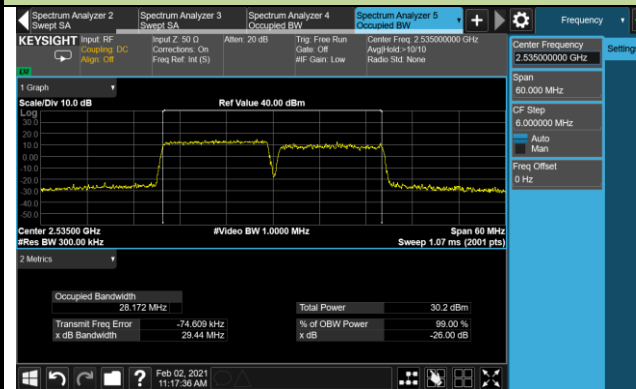
## 10+20MHz Channel Bandwidth



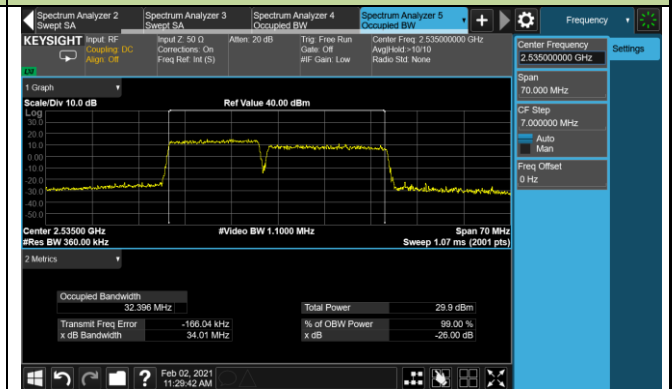
## 15+10MHz Channel Bandwidth



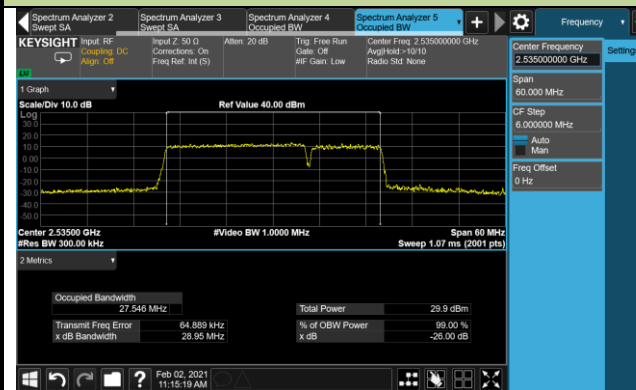
## 15+15MHz Channel Bandwidth



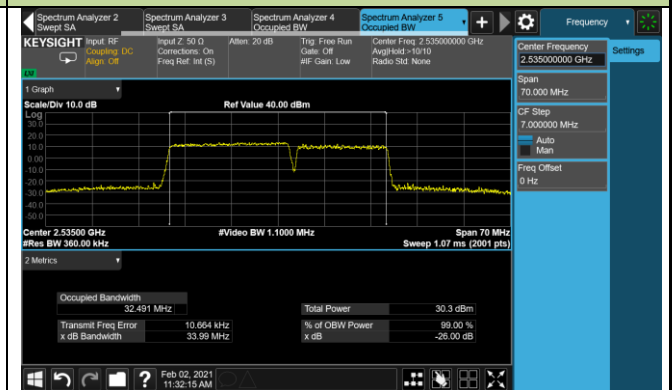
## 15+20MHz Channel Bandwidth



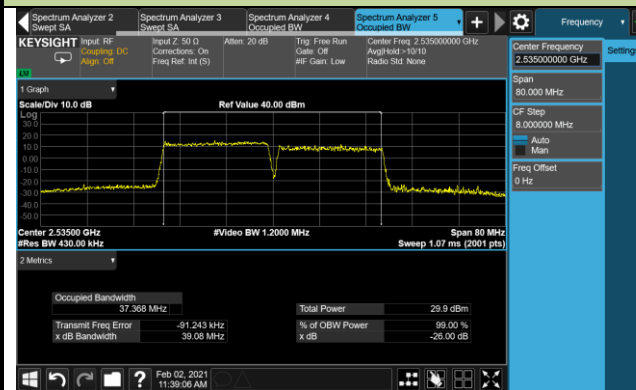
## 20+10MHz Channel Bandwidth



## 20+15MHz Channel Bandwidth

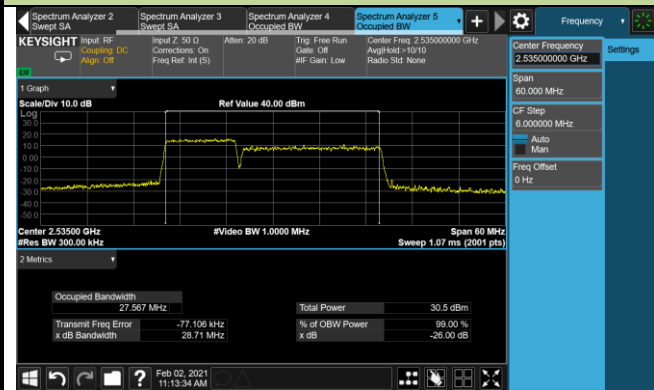


## 20+20MHz Channel Bandwidth

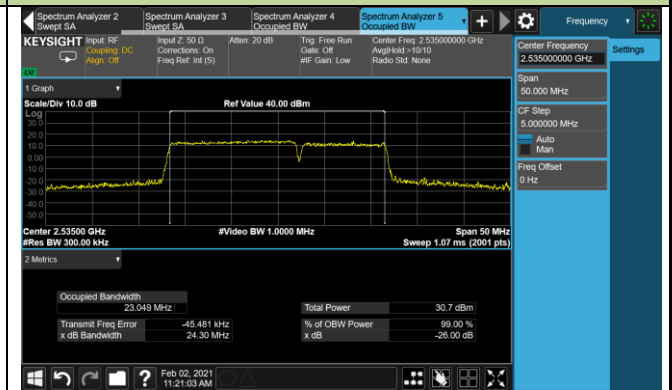


### 99% Bandwidth - 64QAM

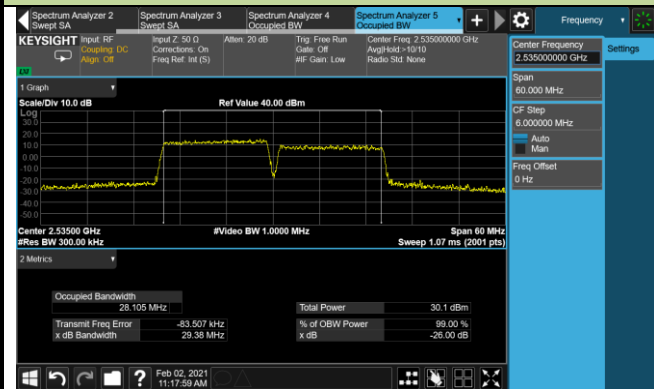
#### 10+20MHz Channel Bandwidth



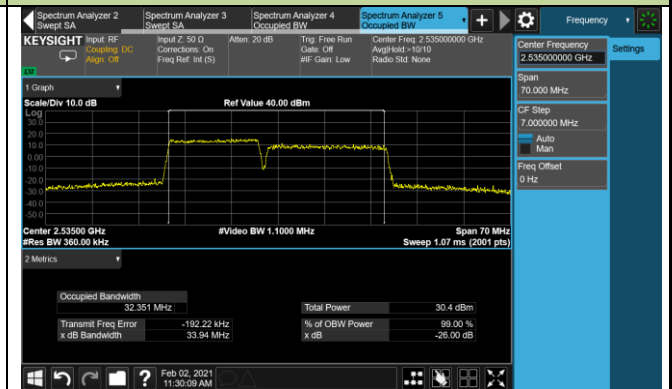
#### 15+10MHz Channel Bandwidth



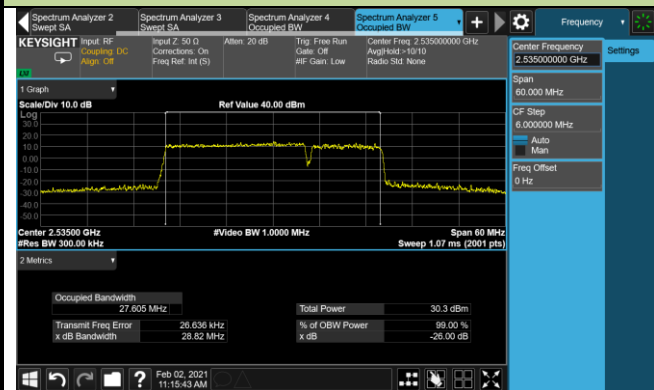
#### 15+15MHz Channel Bandwidth



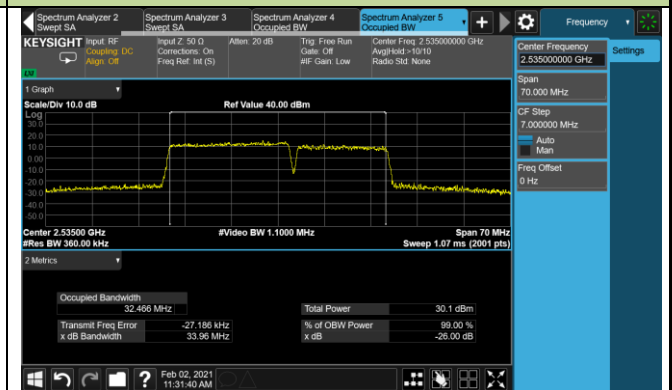
#### 15+20MHz Channel Bandwidth



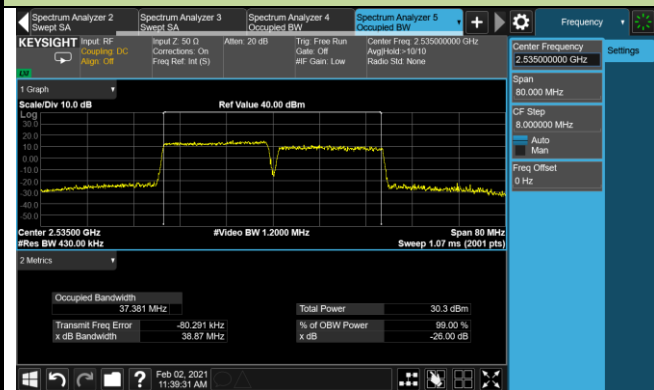
#### 20+10MHz Channel Bandwidth



#### 20+15MHz Channel Bandwidth



#### 20+20MHz Channel Bandwidth

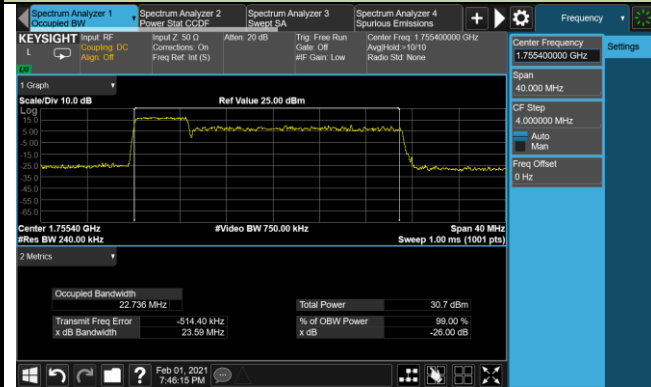


Product	LTE Module	Test Site	WZ-SR6
Test Engineer	Cloud Guo	Test Date	2021/02/01
Test Band	Intra-Band CA_66C		

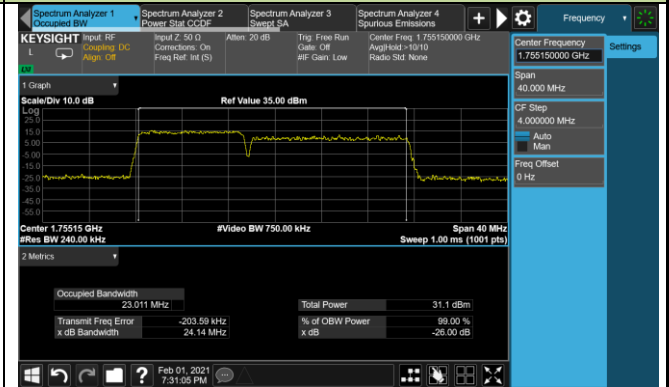
Modulation	Frequency (MHz)	Bandwidth (MHz)	99% Bandwidth (MHz)
QPSK	1745.8 + 1757.5	5+20	22.74
	1747.9 + 1759.9	10+15	23.01
	1745.6 + 1760.0	10+20	27.63
	1750.1 + 1762.1	15+10	23.06
	1747.5 + 1762.5	15+15	28.25
	1745.3 + 1762.4	15+20	32.51
	1752.5 + 1764.2	20+5	22.79
	1750.1 + 1764.5	20+10	27.65
	1747.6 + 1764.7	20+15	32.55
	1745.1 + 1764.9	20+20	37.46
16QAM	1745.8 + 1757.5	5+20	22.69
	1747.9 + 1759.9	10+15	22.95
	1745.6 + 1760.0	10+20	27.55
	1750.1 + 1762.1	15+10	23.04
	1747.5 + 1762.5	15+15	28.17
	1745.3 + 1762.4	15+20	32.49
	1752.5 + 1764.2	20+5	22.80
	1750.1 + 1764.5	20+10	27.72
	1747.6 + 1764.7	20+15	32.54
	1745.1 + 1764.9	20+20	37.42
64QAM	1745.8 + 1757.5	5+20	22.76
	1747.9 + 1759.9	10+15	23.00
	1745.6 + 1760.0	10+20	27.60
	1750.1 + 1762.1	15+10	23.05
	1747.5 + 1762.5	15+15	28.22
	1745.3 + 1762.4	15+20	32.50
	1752.5 + 1764.2	20+5	22.82
	1750.1 + 1764.5	20+10	27.62
	1747.6 + 1764.7	20+15	32.62
	1745.1 + 1764.9	20+20	37.48

99% Bandwidth - QPSK

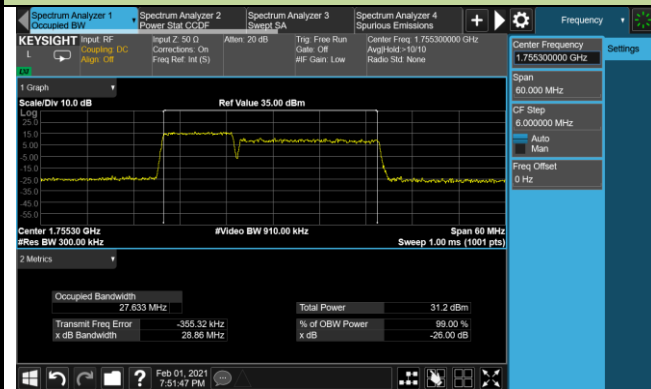
5+20MHz Channel Bandwidth



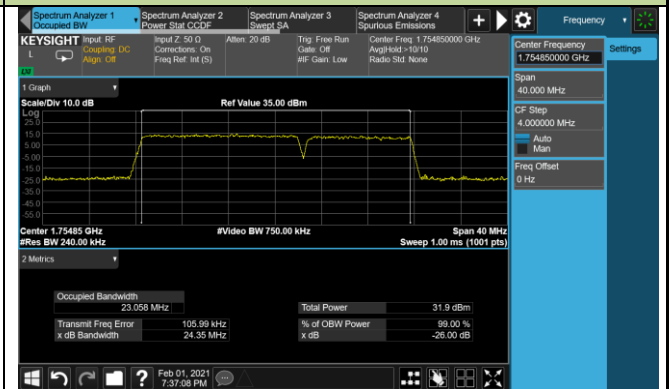
10+15MHz Channel Bandwidth



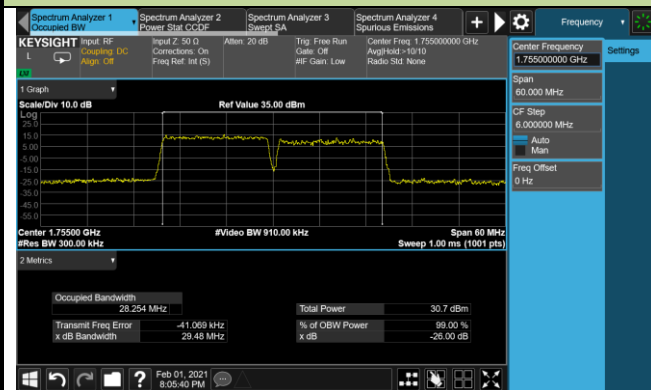
10+20MHz Channel Bandwidth



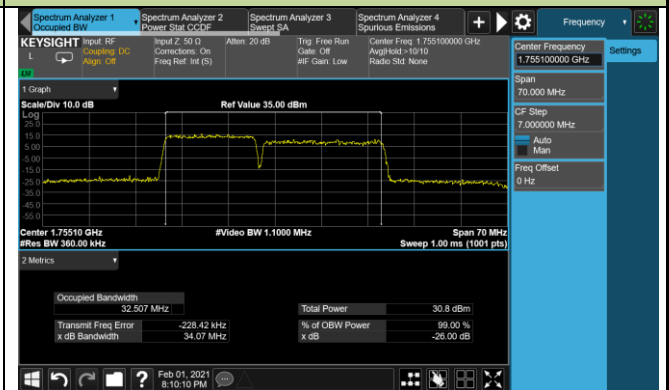
15+10MHz Channel Bandwidth



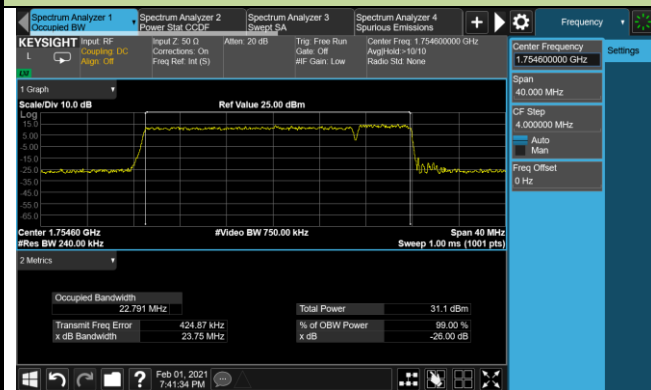
15+15MHz Channel Bandwidth



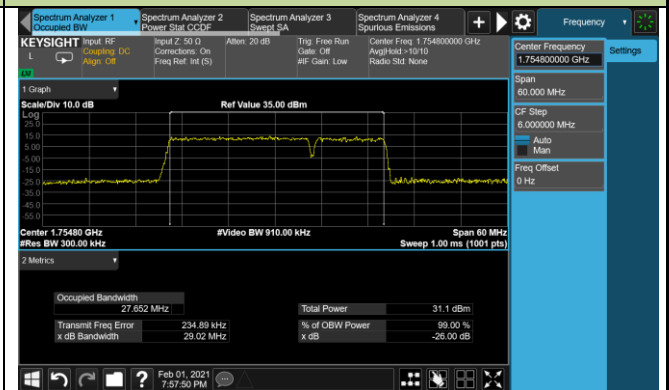
15+20MHz Channel Bandwidth

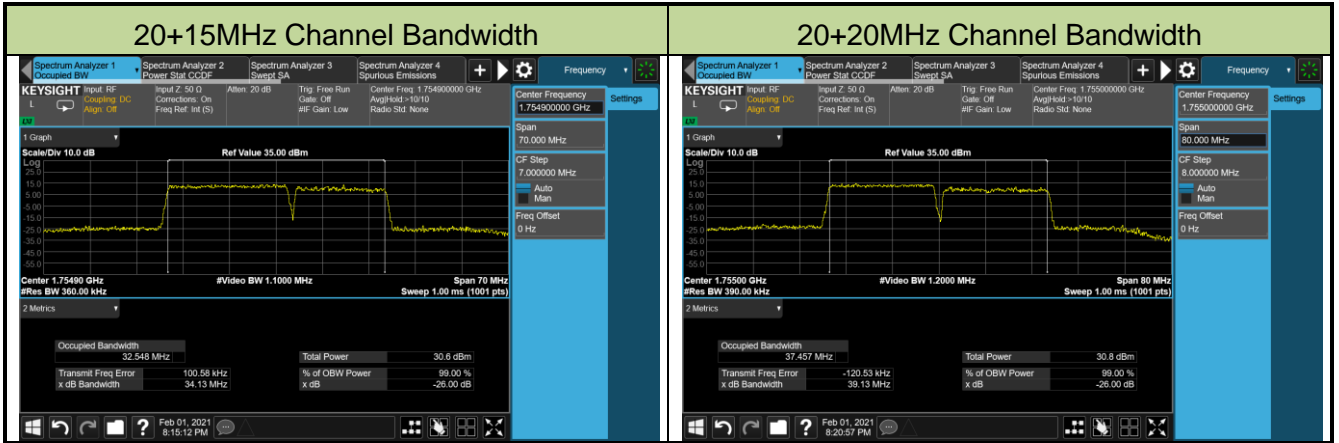


20+5MHz Channel Bandwidth



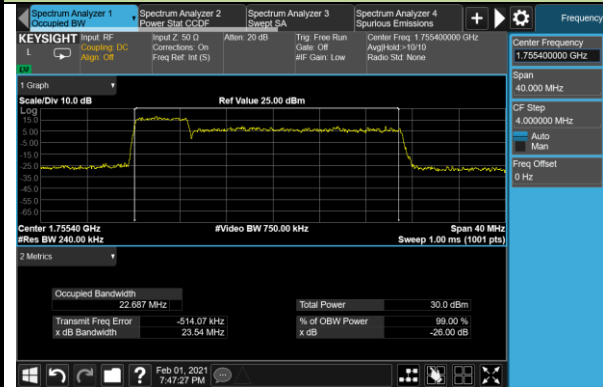
20+10MHz Channel Bandwidth



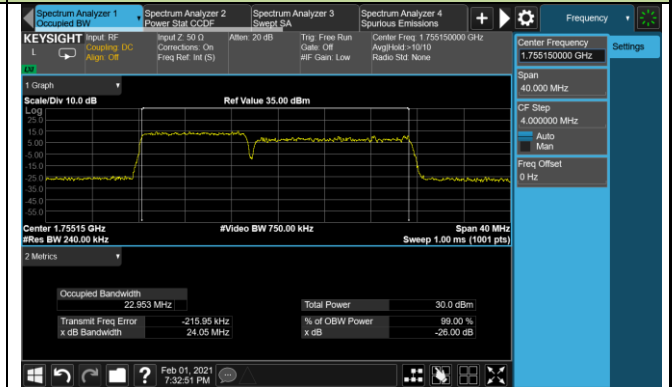


## 99% Bandwidth - 16QAM

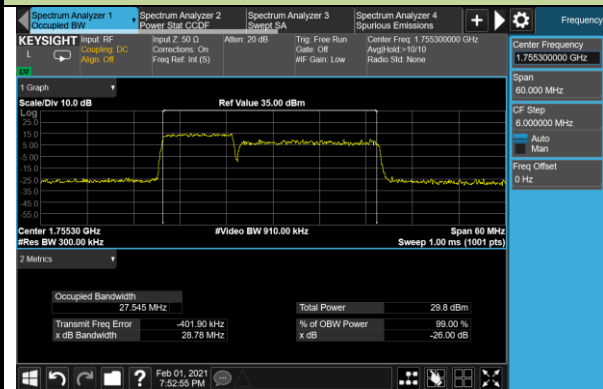
## 5+20MHz Channel Bandwidth



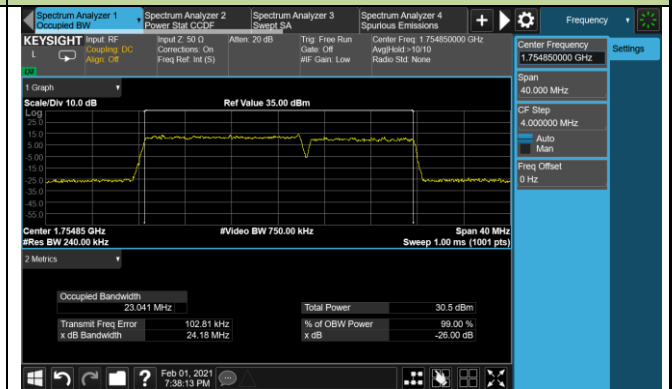
## 10+15MHz Channel Bandwidth



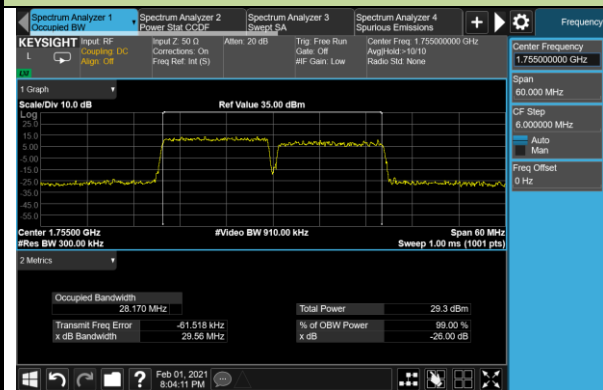
## 10+20MHz Channel Bandwidth



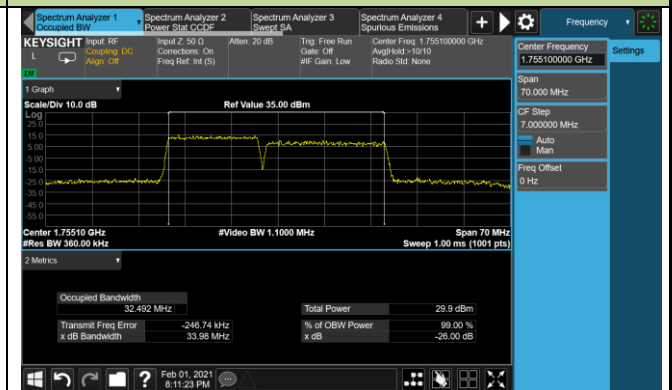
## 15+10MHz Channel Bandwidth



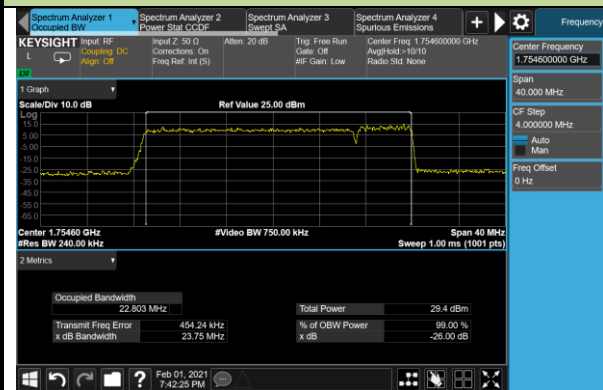
## 15+15MHz Channel Bandwidth



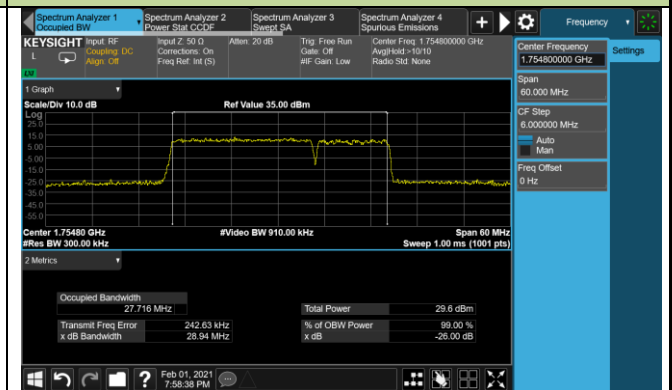
## 15+20MHz Channel Bandwidth

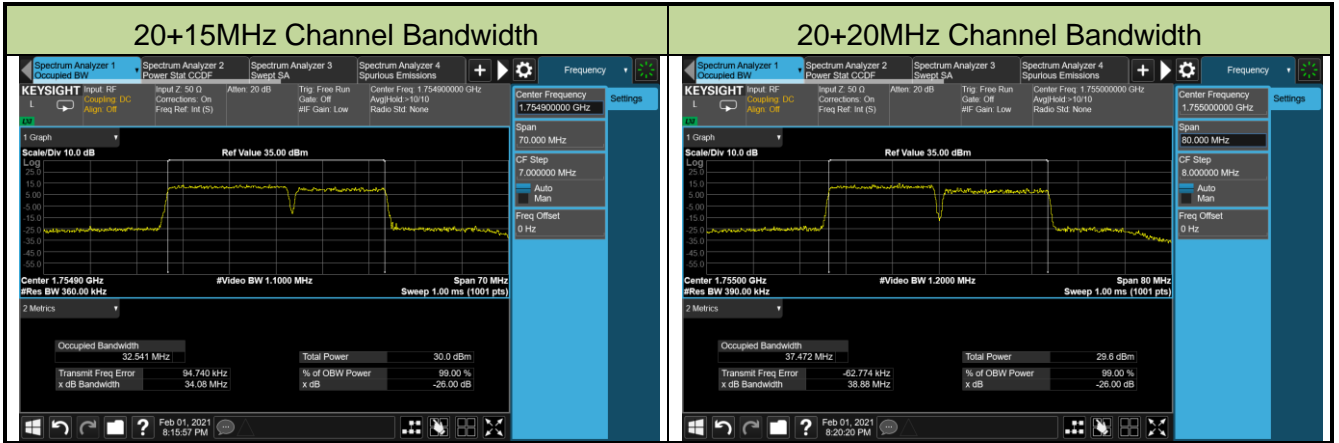


## 20+5MHz Channel Bandwidth



## 20+10MHz Channel Bandwidth

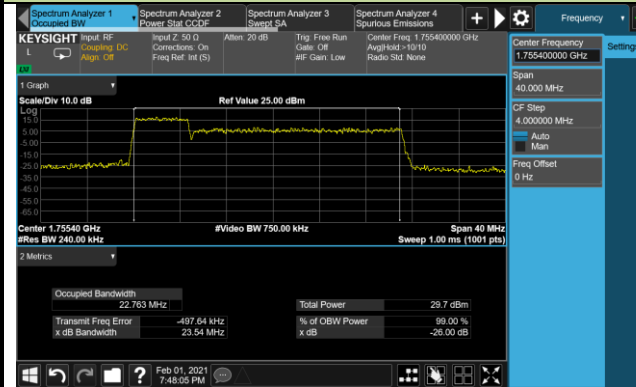




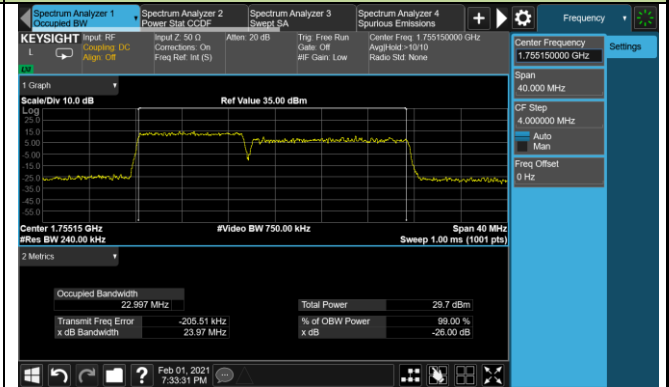


## 99% Bandwidth - 64QAM

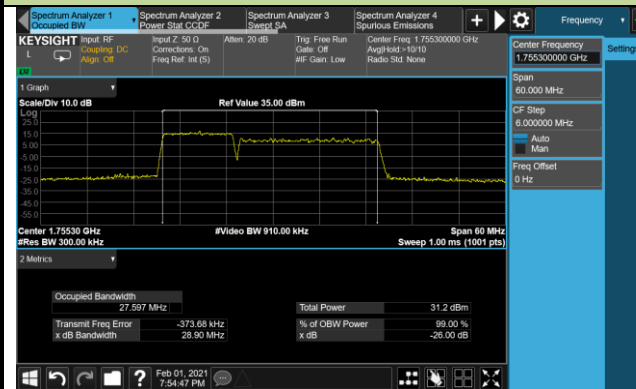
## 5+20MHz Channel Bandwidth



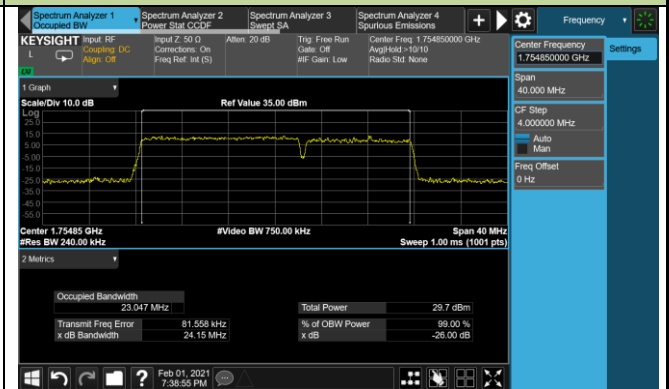
## 10+15MHz Channel Bandwidth



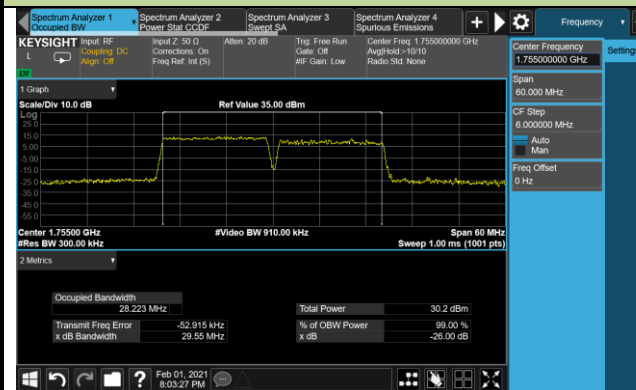
## 10+20MHz Channel Bandwidth



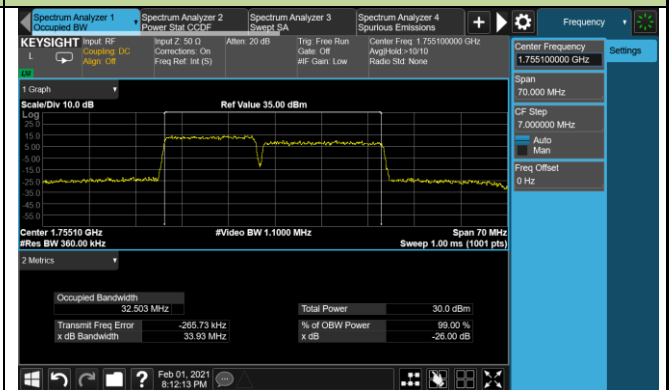
## 15+10MHz Channel Bandwidth



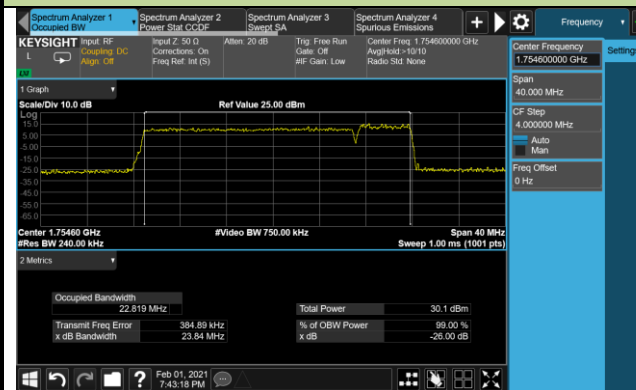
## 15+15MHz Channel Bandwidth



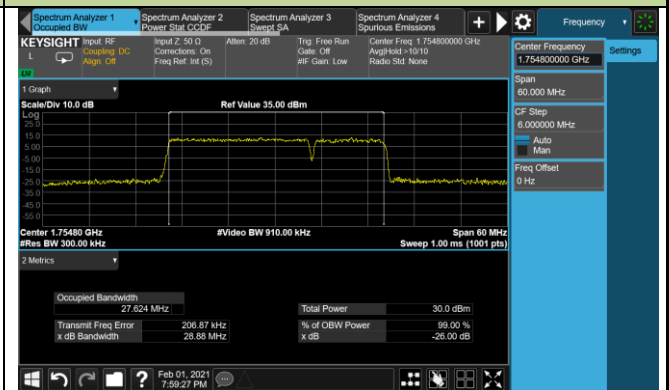
## 15+20MHz Channel Bandwidth

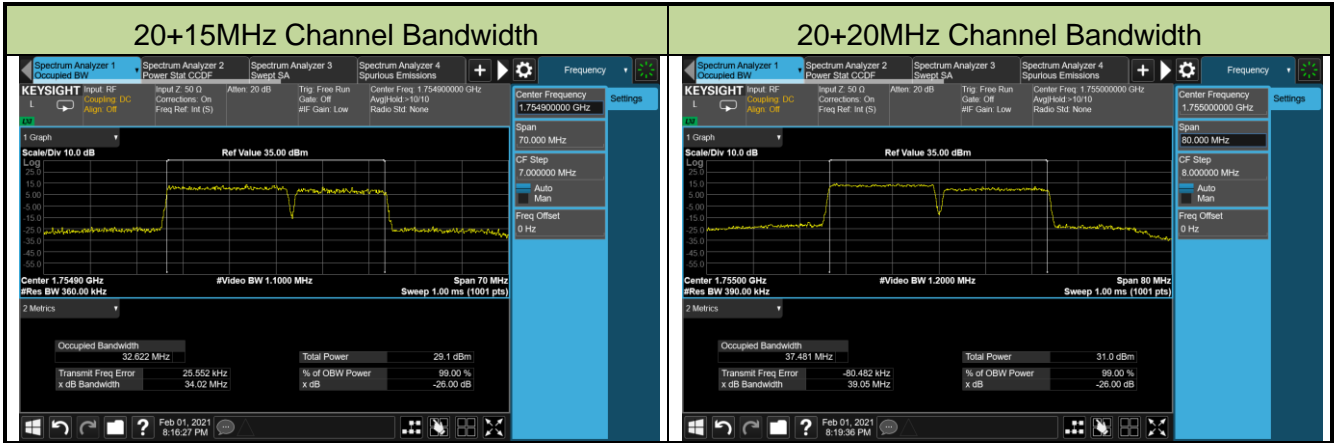


## 20+5MHz Channel Bandwidth



## 20+10MHz Channel Bandwidth



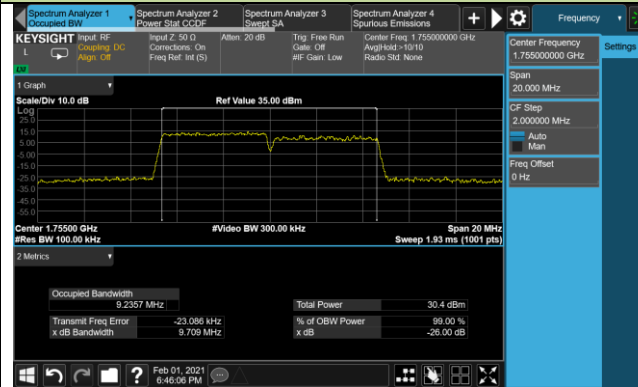


Product	LTE Module	Test Site	WZ-SR6
Test Engineer	Cloud Guo	Test Date	2021/02/01
Test Band	Intra-Band CA_66B		

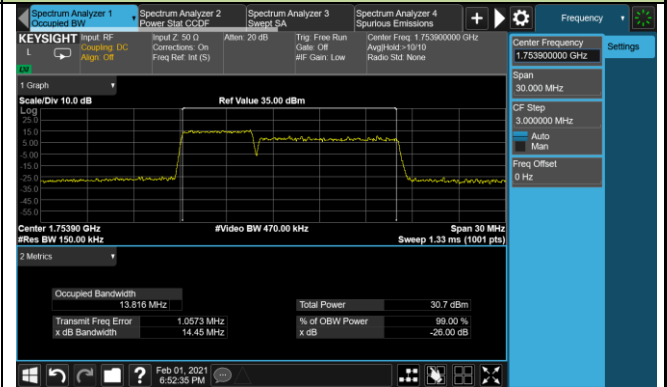
Modulation	Frequency (MHz)	Bandwidth (MHz)	99% Bandwidth (MHz)
QPSK	1752.6 + 1757.4	5+5	9.24
	1750.3 + 1757.5	5+10	13.82
	1752.5 + 1759.7	10+5	13.83
	1748.1 + 1757.4	5+15	18.13
	1752.6 +1761.9	15+5	18.13
	1750.1 + 1760.0	10+10	18.74
16QAM	1752.6 + 1757.4	5+5	9.22
	1750.3 + 1757.5	5+10	13.79
	1752.5 + 1759.7	10+5	13.84
	1748.1 + 1757.4	5+15	18.17
	1752.6 +1761.9	15+5	18.21
	1750.1 + 1760.0	10+10	18.74
64QAM	1752.6 + 1757.4	5+5	9.25
	1750.3 + 1757.5	5+10	13.82
	1752.5 + 1759.7	10+5	13.83
	1748.1 + 1757.4	5+15	18.15
	1752.6 +1761.9	15+5	18.17
	1750.1 + 1760.0	10+10	18.73

## 99% Bandwidth - QPSK

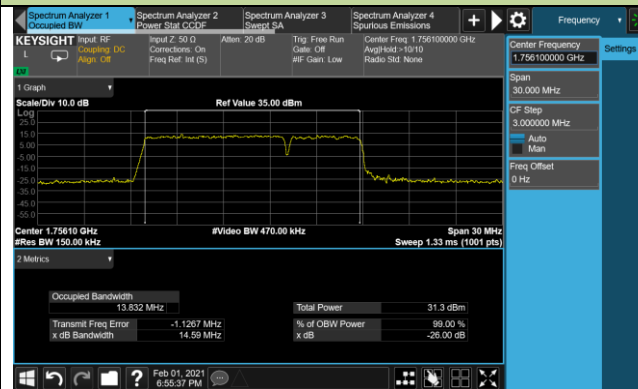
## 5+5MHz Channel Bandwidth



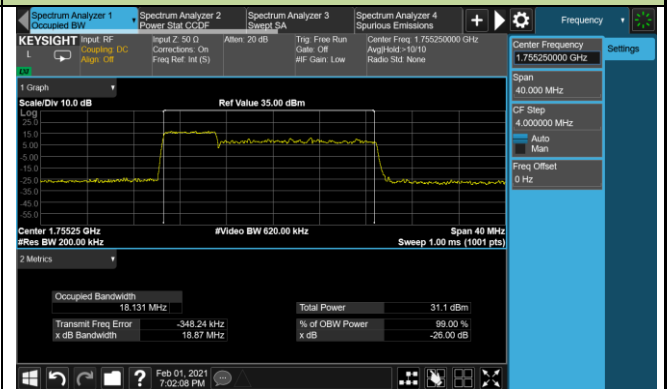
## 5+10MHz Channel Bandwidth



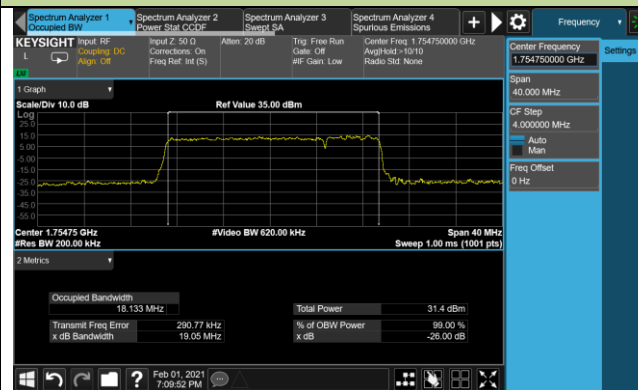
## 10+5MHz Channel Bandwidth



## 5+15MHz Channel Bandwidth



## 15+5MHz Channel Bandwidth



## 10+10MHz Channel Bandwidth

