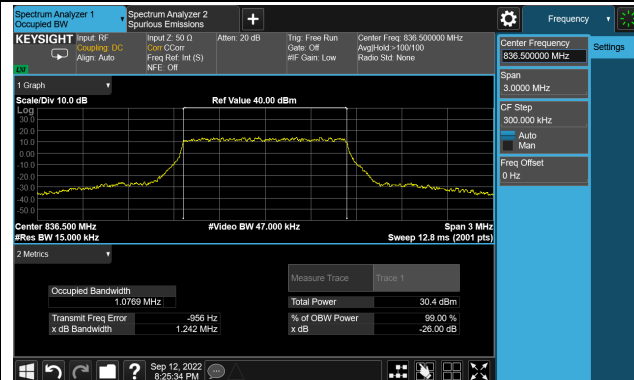
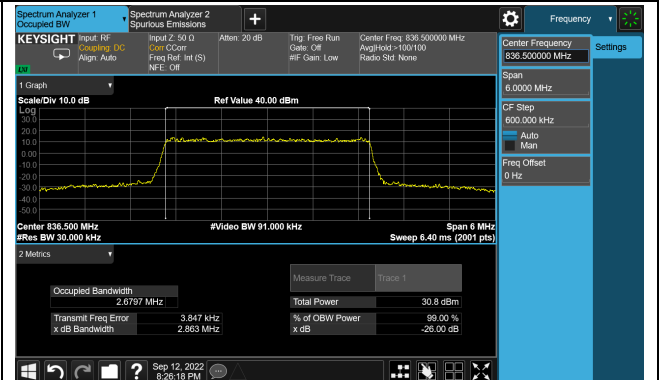


99% Bandwidth - QPSK

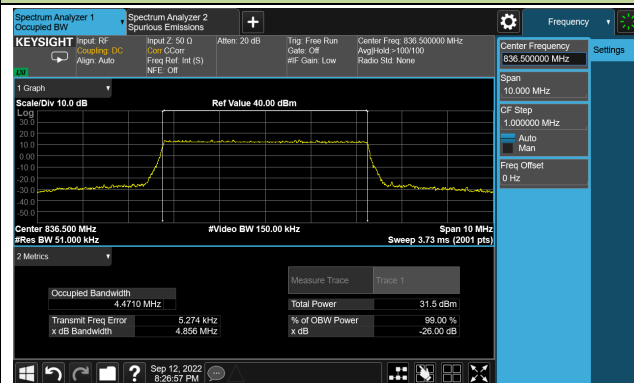
1.4MHz Channel Bandwidth



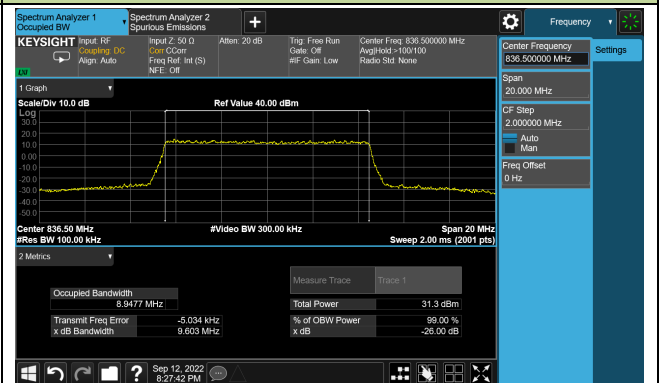
3MHz Channel Bandwidth



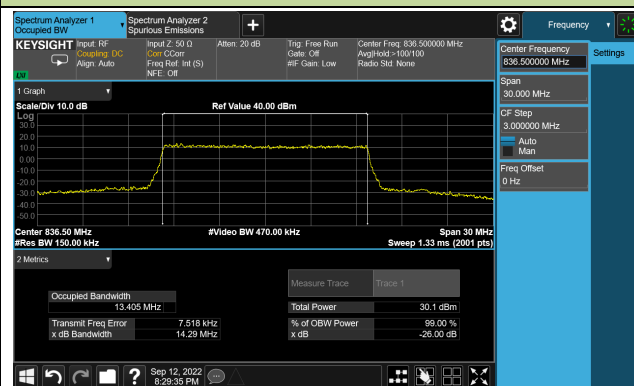
5MHz Channel Bandwidth



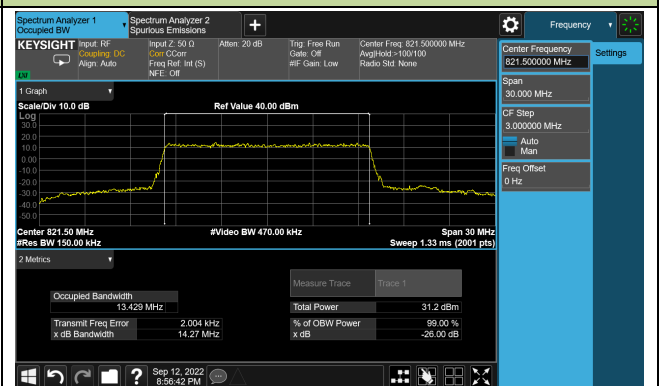
10MHz Channel Bandwidth



15MHz Channel Bandwidth

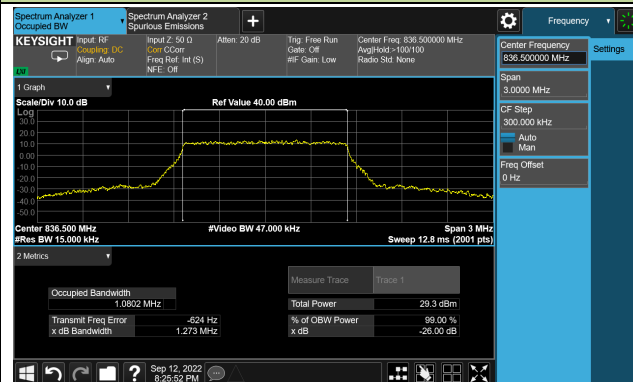


821.5MHz

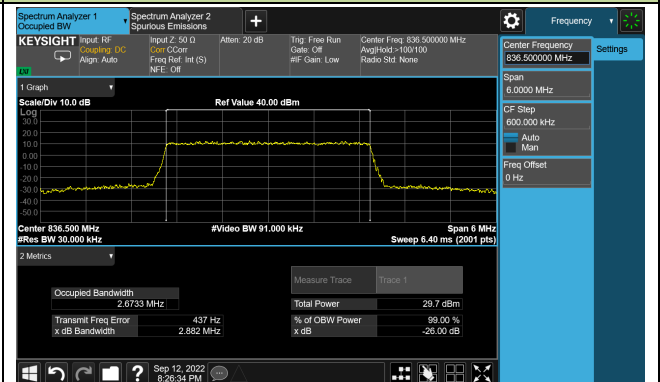


99% Bandwidth -16QAM

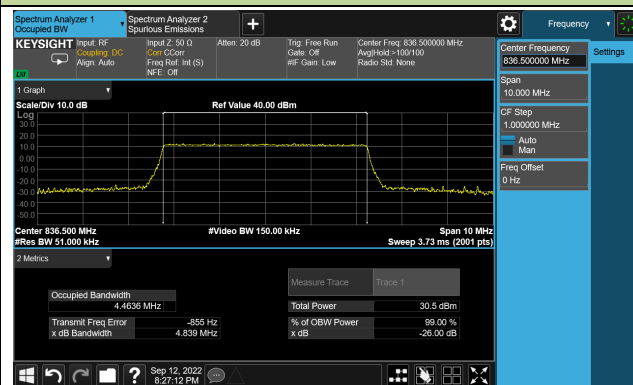
1.4MHz Channel Bandwidth



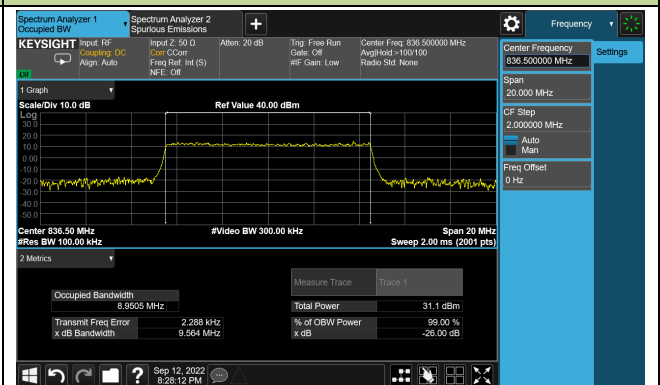
3MHz Channel Bandwidth



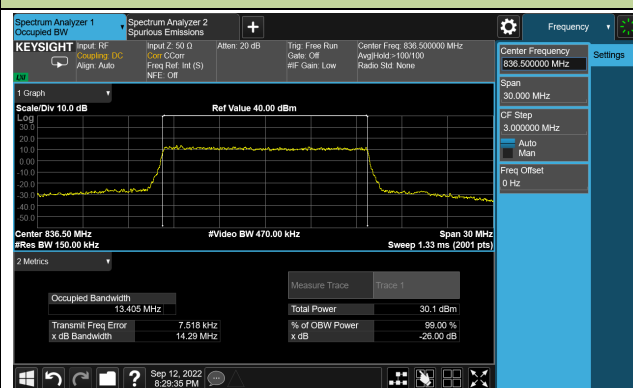
5MHz Channel Bandwidth



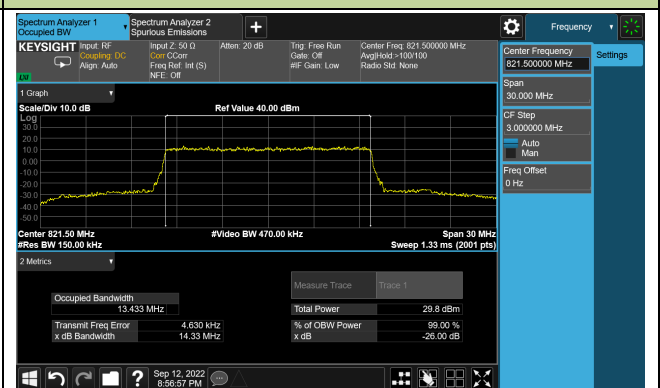
10MHz Channel Bandwidth



15MHz Channel Bandwidth

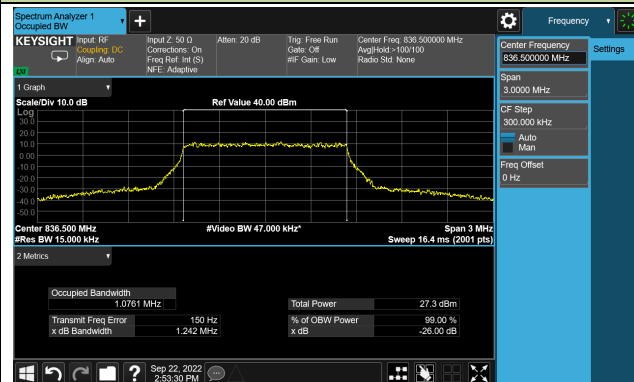


821.5MHz

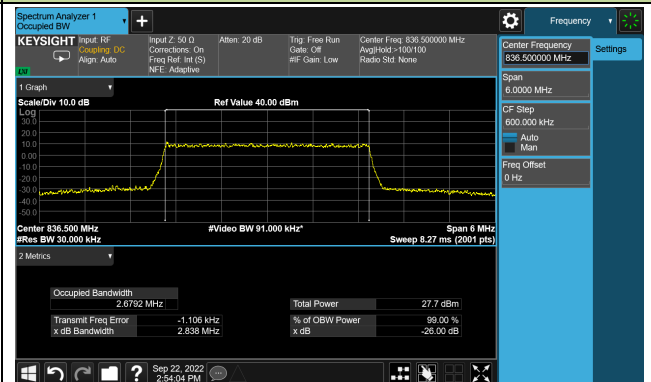


99% Bandwidth - 64QAM

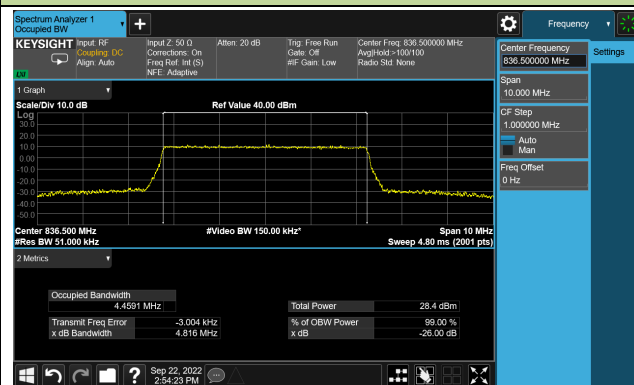
1.4MHz Channel Bandwidth



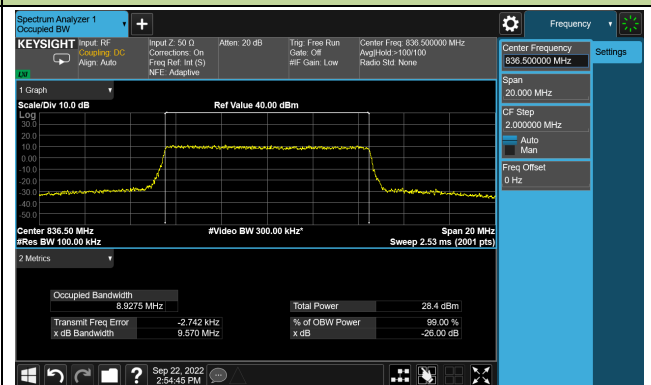
3MHz Channel Bandwidth



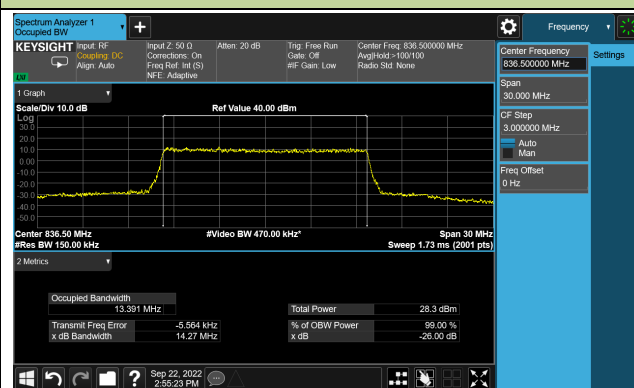
5MHz Channel Bandwidth



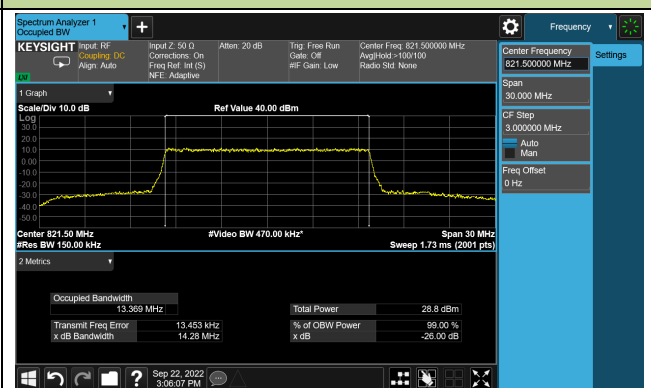
10MHz Channel Bandwidth



15MHz Channel Bandwidth



821.5MHz

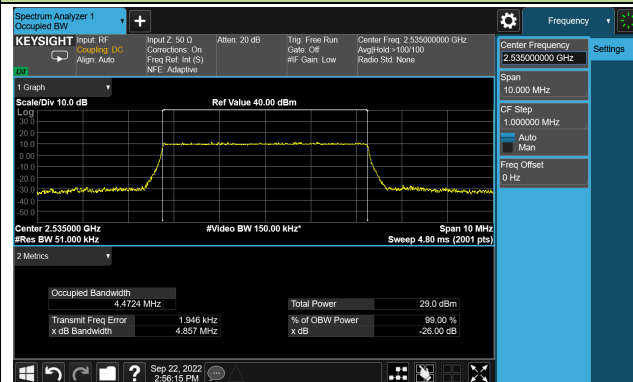


Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/09/22	Test Band	LTE Band 7

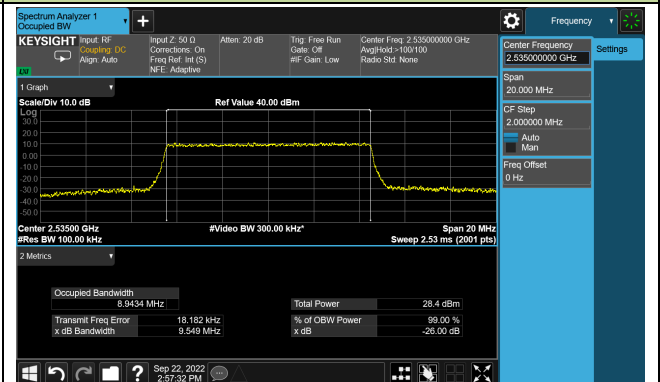
Modulation	Bandwidth (MHz)	Frequency (MHz)	99% Bandwidth (MHz)
QPSK	5	2535.0	4.47
	10		8.94
	15		13.40
	20		17.85
16QAM	5	2535.0	4.45
	10		8.93
	15		13.39
	20		17.84
64QAM	5	2535.0	4.46
	10		8.93
	15		13.36
	20		17.85

99% Bandwidth - QPSK

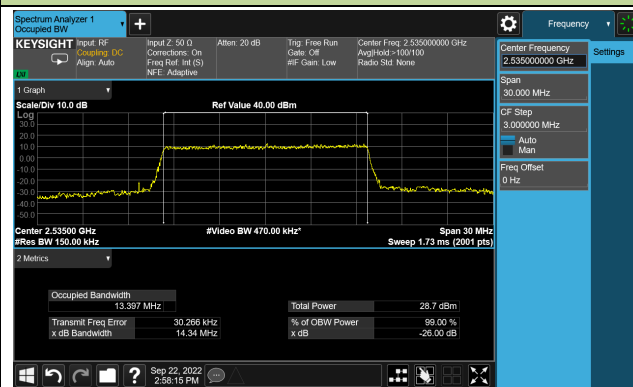
5MHz Channel Bandwidth



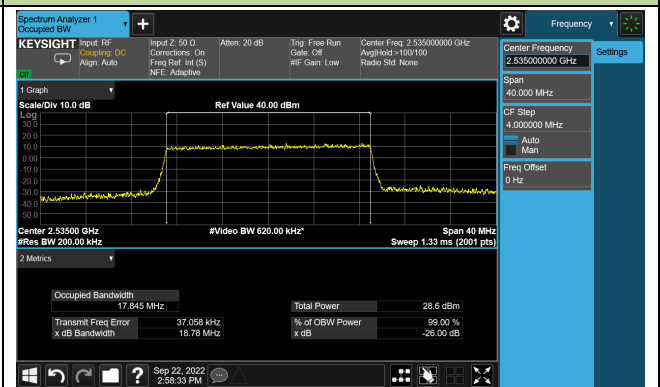
10MHz Channel Bandwidth



15MHz Channel Bandwidth

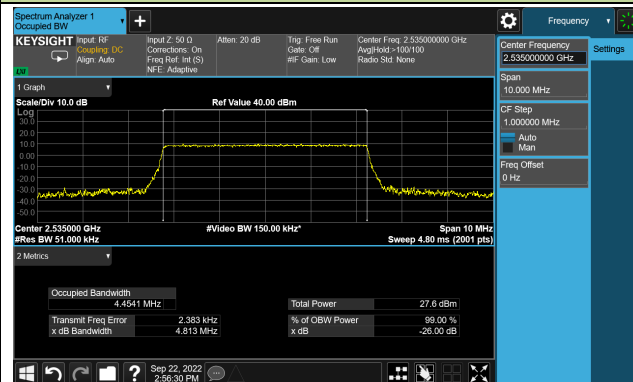


20MHz Channel Bandwidth

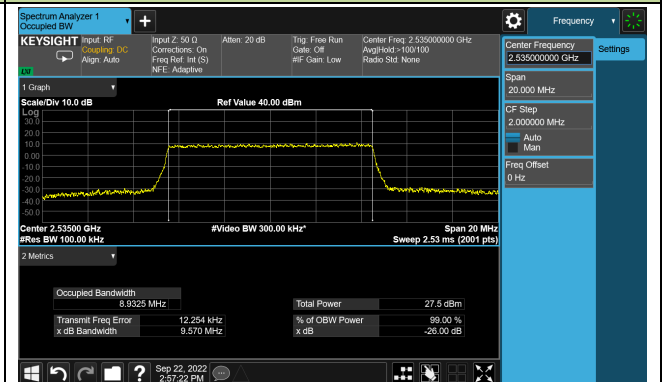


99% Bandwidth - 16QAM

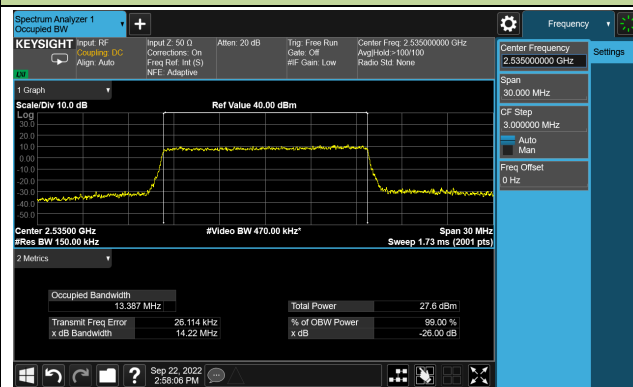
5MHz Channel Bandwidth



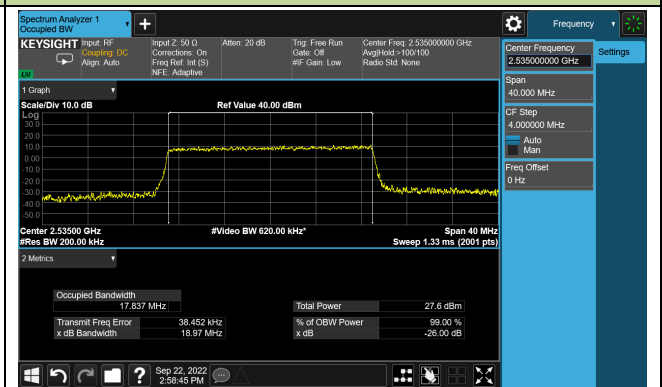
10MHz Channel Bandwidth



15MHz Channel Bandwidth

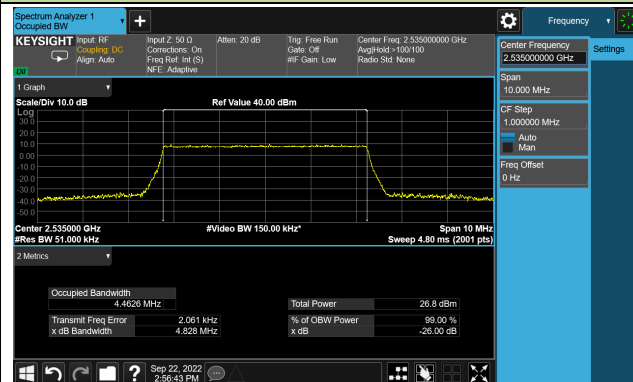


20MHz Channel Bandwidth

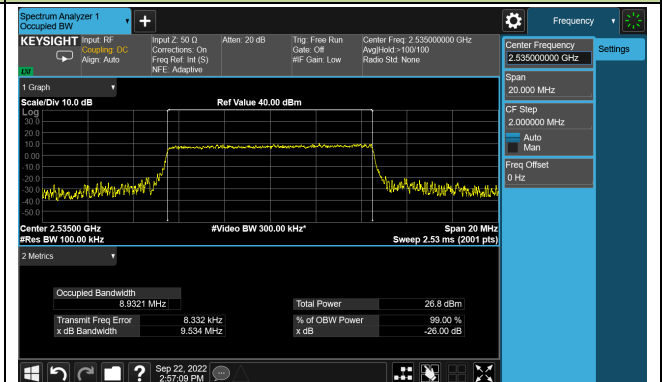


99% Bandwidth - 64QAM

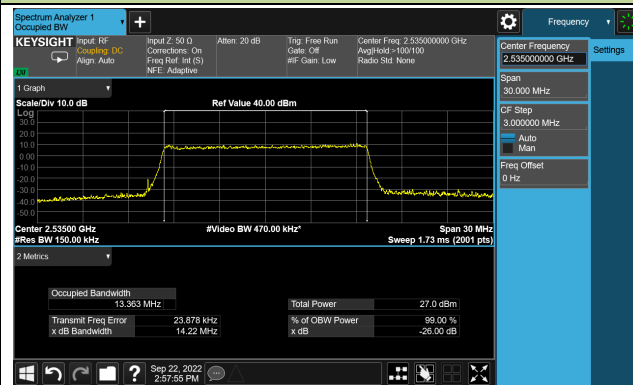
5MHz Channel Bandwidth



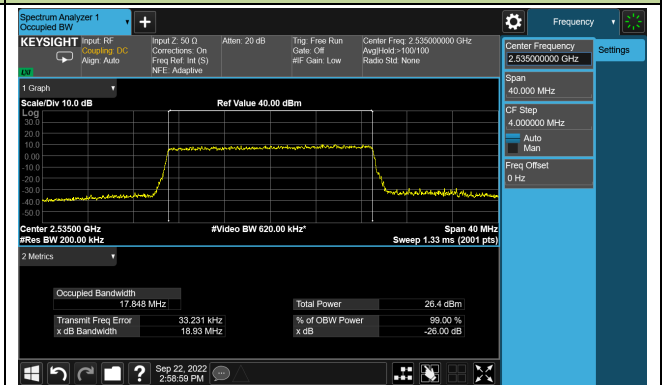
10MHz Channel Bandwidth



15MHz Channel Bandwidth



20MHz Channel Bandwidth

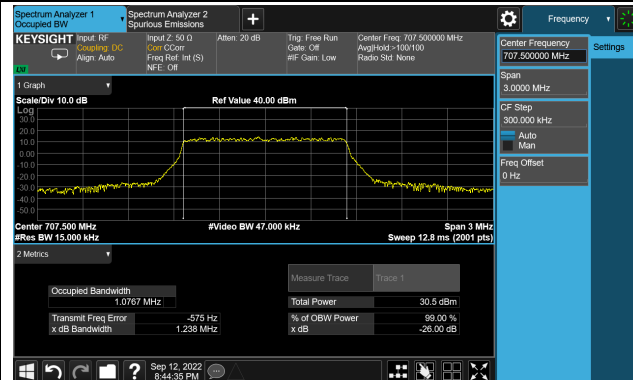


Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/09/12 ~ 2022/09/22	Test Band	LTE Band 12

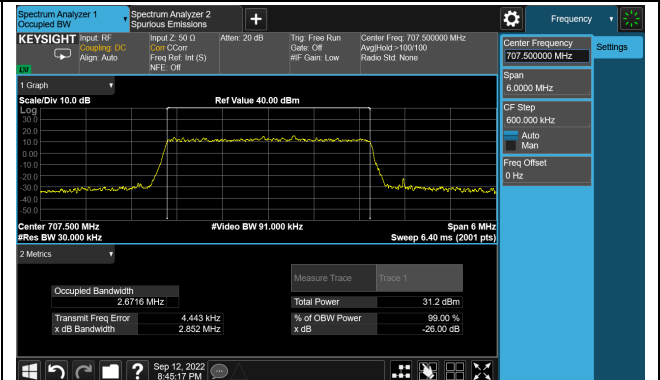
Frequency (MHz)	Bandwidth (MHz)	Frequency (MHz)
QPSK		
707.5	1.4	1.08
	3	2.67
	5	4.48
	10	8.97
16QAM		
707.5	1.4	1.08
	3	2.67
	5	4.46
	10	8.96
64QAM		
707.5	1.4	1.08
	3	2.67
	5	4.46
	10	8.95

99% Bandwidth - QPSK

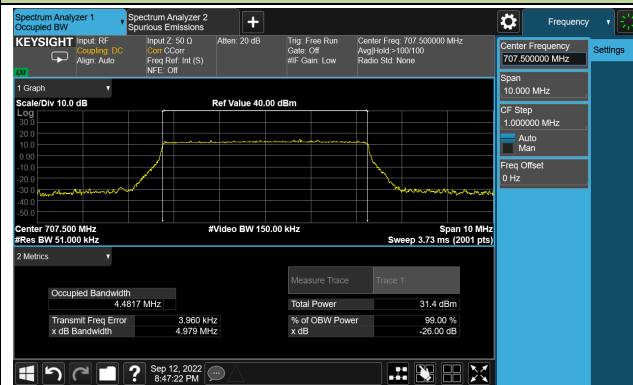
1.4MHz Channel Bandwidth



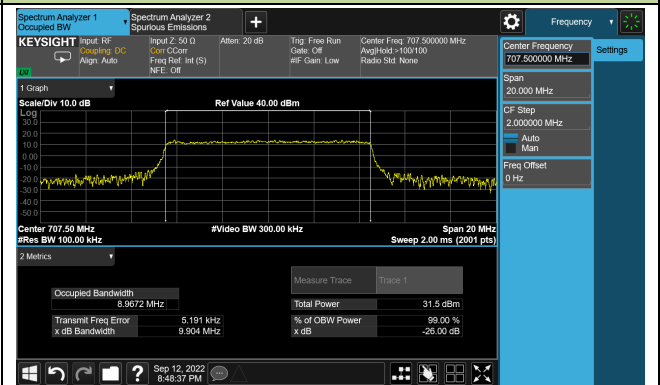
3MHz Channel Bandwidth



5MHz Channel Bandwidth

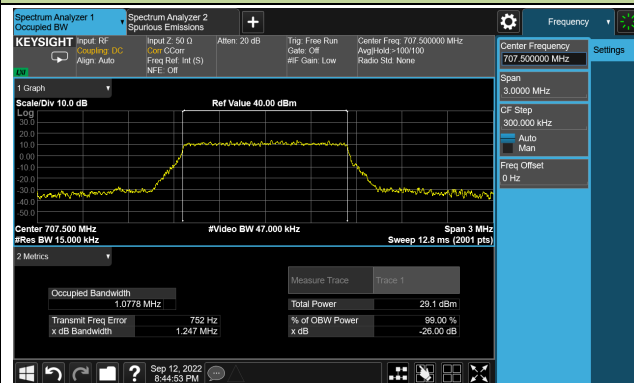


10MHz Channel Bandwidth

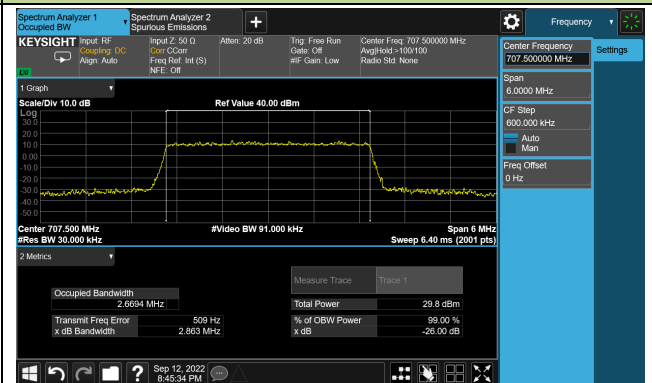


99% Bandwidth - 16QAM

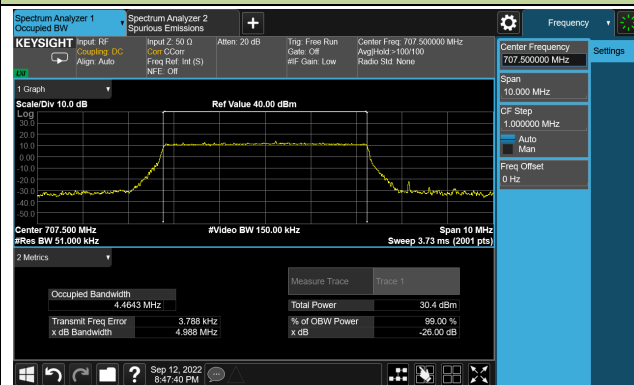
1.4MHz Channel Bandwidth



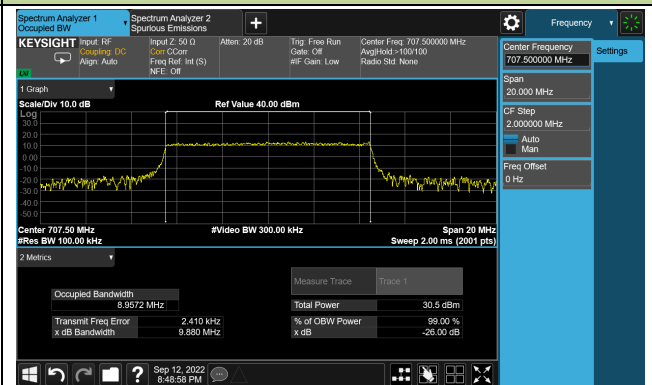
3MHz Channel Bandwidth



5MHz Channel Bandwidth



10MHz Channel Bandwidth

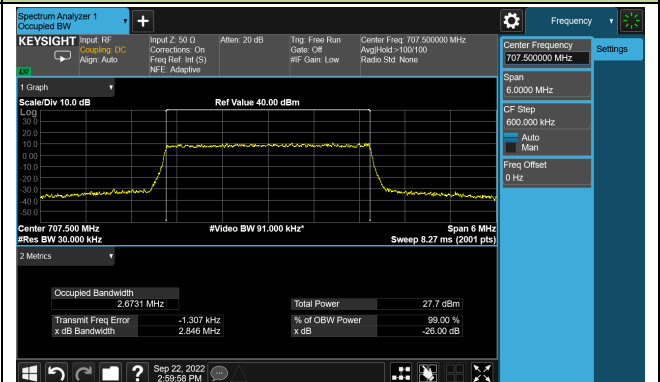


99% Bandwidth - 64QAM

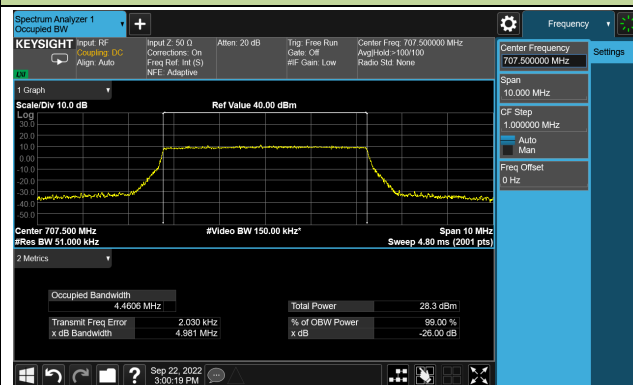
1.4MHz Channel Bandwidth



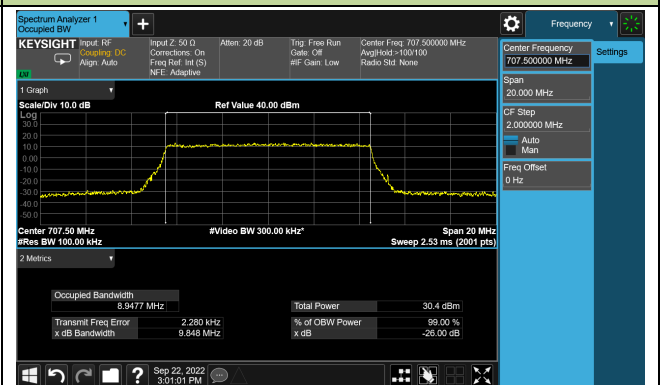
3MHz Channel Bandwidth



5MHz Channel Bandwidth



10MHz Channel Bandwidth

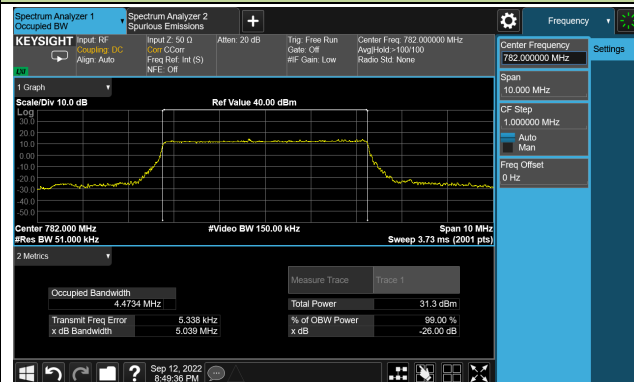


Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/09/12 ~ 2022/09/22	Test Band	LTE Band 13

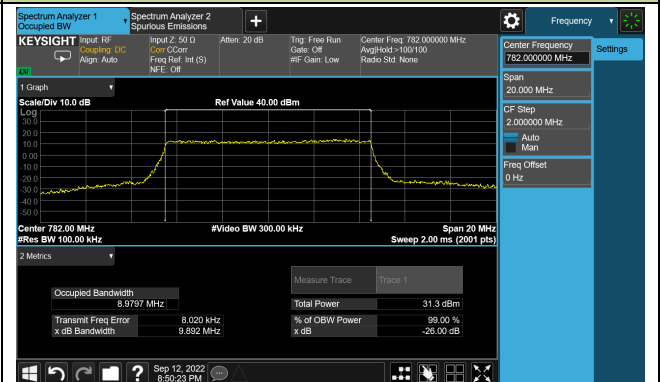
Frequency (MHz)	Bandwidth (MHz)	Frequency (MHz)
QPSK		
782.0	5	4.47
	10	8.98
16QAM		
782.0	5	4.49
	10	8.96
64QAM		
782.0	5	4.48
	10	8.97

99% Bandwidth - QPSK

5MHz Channel Bandwidth

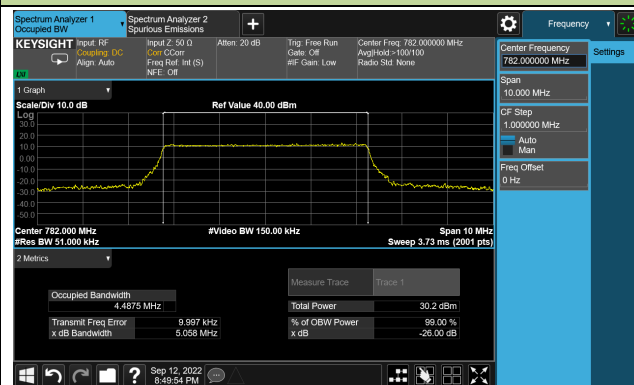


10MHz Channel Bandwidth

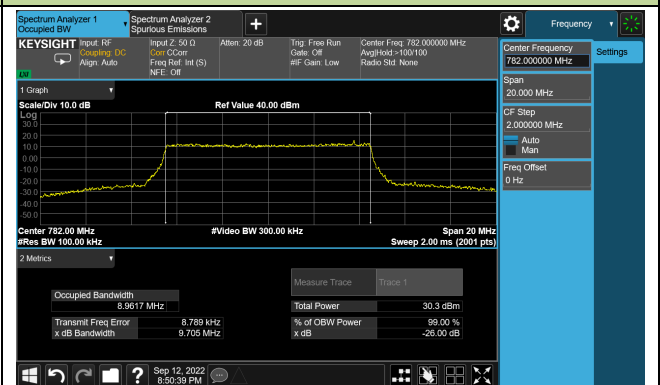


99% Bandwidth - 16QAM

5MHz Channel Bandwidth

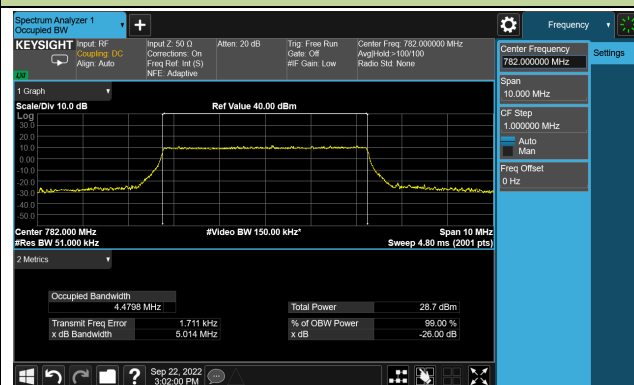


10MHz Channel Bandwidth

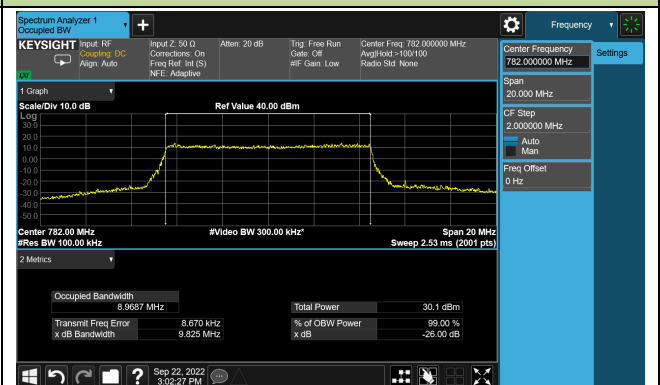


99% Bandwidth - 64QAM

5MHz Channel Bandwidth



10MHz Channel Bandwidth



Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/09/12 ~ 2022/09/22	Test Band	LTE Band 17

Frequency (MHz)	Bandwidth (MHz)	Frequency (MHz)
QPSK		
710.0	5	4.47
	10	8.94
16QAM		
710.0	5	4.48
	10	8.93
64QAM		
710.0	5	4.46
	10	8.92