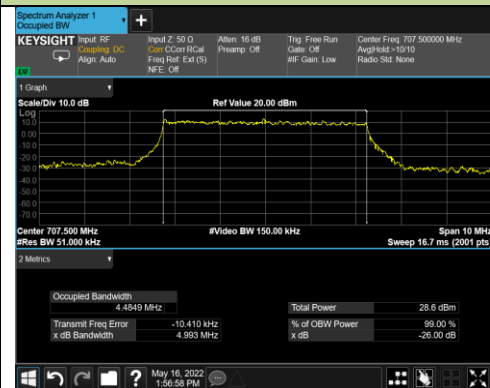
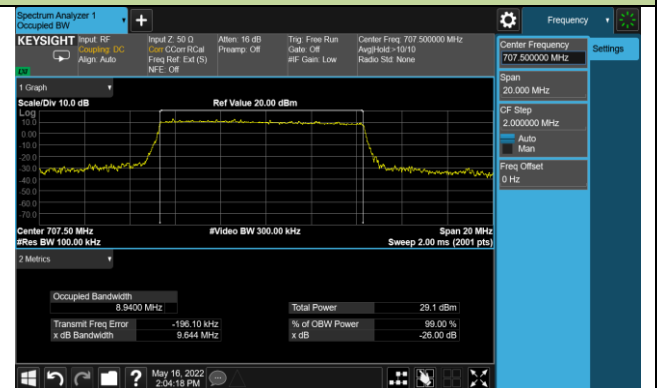


99% Bandwidth - 16QAM

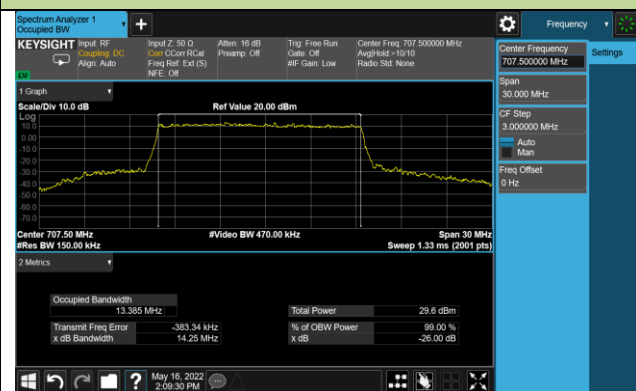
5MHz Channel Bandwidth



10MHz Channel Bandwidth

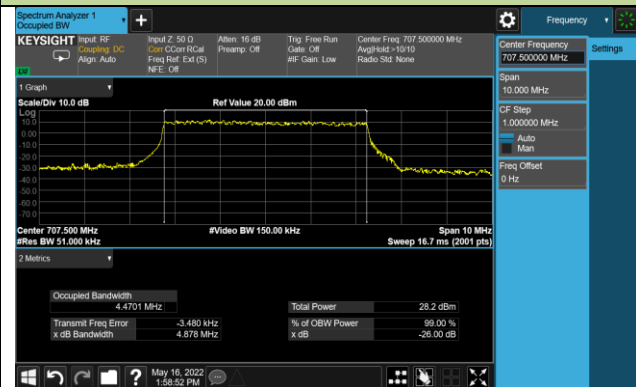


15MHz Channel Bandwidth

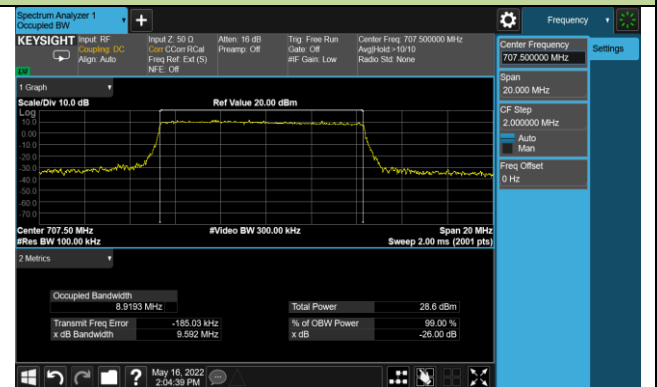


99% Bandwidth - 64QAM

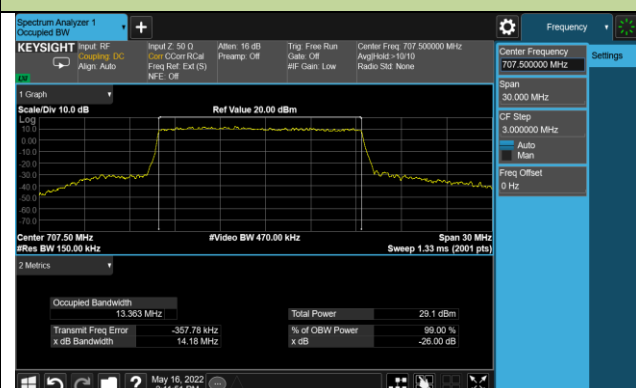
5MHz Channel Bandwidth



10MHz Channel Bandwidth

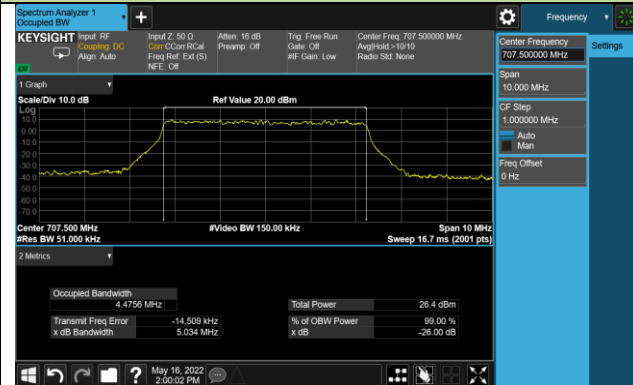


15MHz Channel Bandwidth

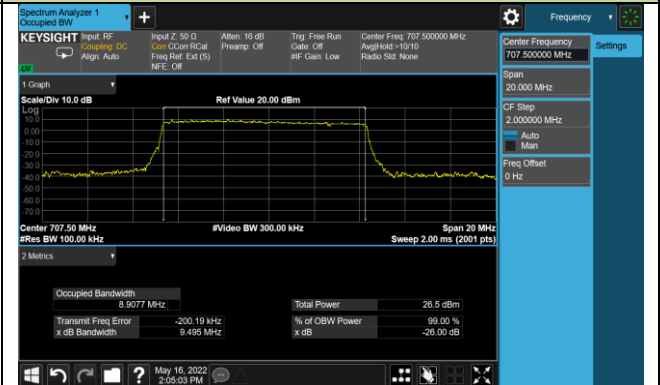


99% Bandwidth - 256QAM

5MHz Channel Bandwidth



10MHz Channel Bandwidth



15MHz Channel Bandwidth



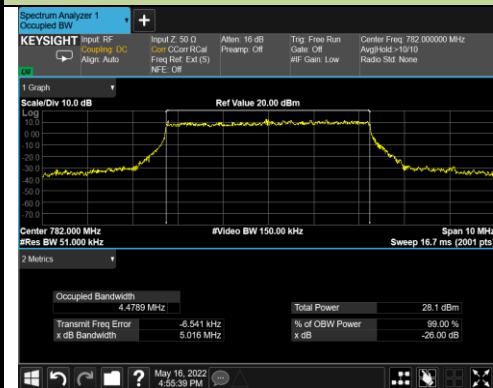
Test Site	SIP-SR1	Test Engineer	Candy Luo
Test Date	2022/05/16	Test Band	n13

Frequency (MHz)	Bandwidth (MHz)	99% Bandwidth (MHz)
PI/2 BPSK		
707.5	5	4.46
707.5	10	8.89
QPSK		
707.5	5	4.48
707.5	10	8.91
16QAM		
707.5	5	4.48
707.5	10	8.94
64QAM		
707.5	5	4.47
707.5	10	8.92
256QAM		
707.5	5	4.48
707.5	10	8.92

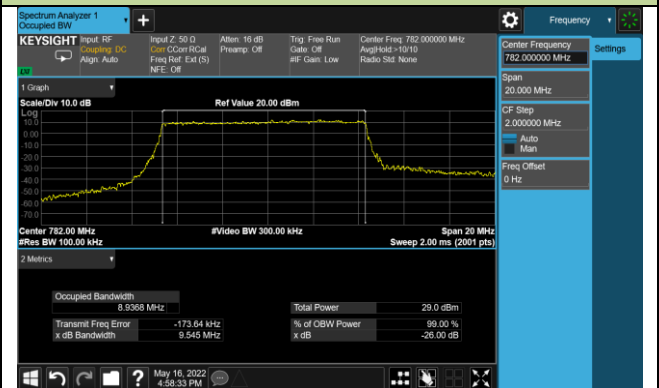


99% Bandwidth - 16QAM

5MHz Channel Bandwidth

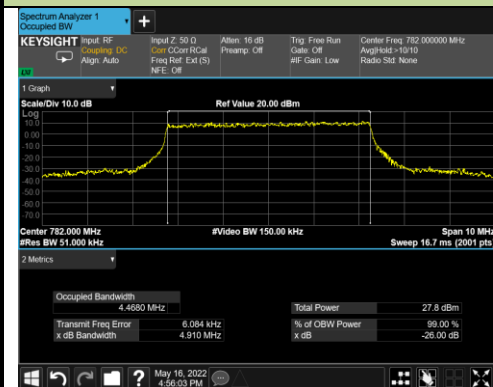


10MHz Channel Bandwidth

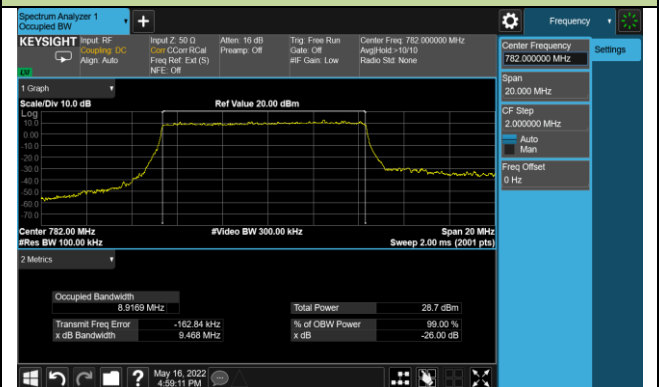


99% Bandwidth - 64QAM

5MHz Channel Bandwidth

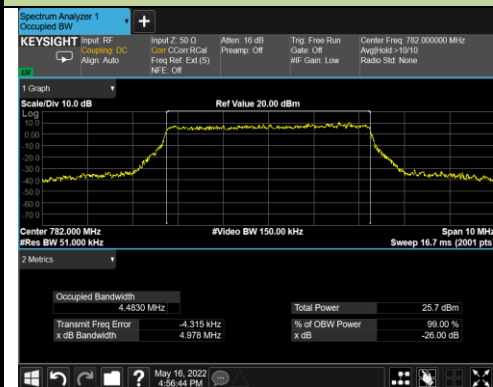


10MHz Channel Bandwidth

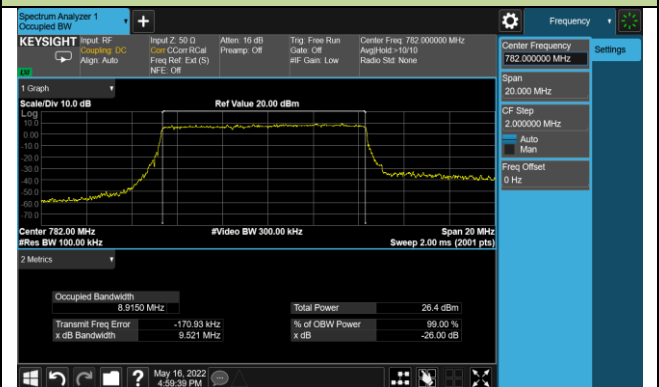


99% Bandwidth - 256QAM

5MHz Channel Bandwidth



10MHz Channel Bandwidth



Test Site	SIP-SR1	Test Engineer	Candy Luo
Test Date	2022/05/12	Test Band	n25

Frequency (MHz)	Bandwidth (MHz)	99% Bandwidth (MHz)
PI/2 BPSK		
1882.5	5	4.47
1882.5	10	9.20
1882.5	15	14.00
1882.5	20	18.70
1882.5	25	23.46
1882.5	30	28.51
1882.5	40	38.42
QPSK		
1882.5	5	4.48
1882.5	10	9.21
1882.5	15	14.00
1882.5	20	18.68
1882.5	25	23.67
1882.5	30	28.51
1882.5	40	38.50
16QAM		
1882.5	5	4.48
1882.5	10	9.24
1882.5	15	1.06
1882.5	20	18.70
1882.5	25	23.66
1882.5	30	28.52
1882.5	40	38.49
64QAM		
1882.5	5	4.47
1882.5	10	9.21
1882.5	15	13.98
1882.5	25	18.69
1882.5	30	23.42
1882.5	40	28.58
1882.5	20	38.42

256QAM		
1882.5	5	4.48
1882.5	10	9.22
1882.5	15	14.00
1882.5	20	18.75
1882.5	25	23.62
1882.5	30	28.52
1882.5	40	38.49

99% Bandwidth - PI/2 BPSK

5MHz Channel Bandwidth



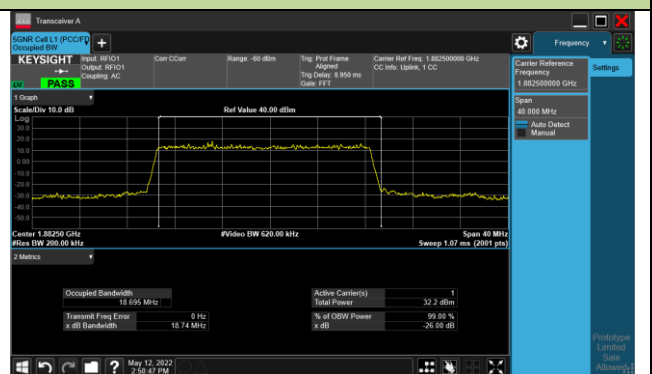
10MHz Channel Bandwidth



15MHz Channel Bandwidth



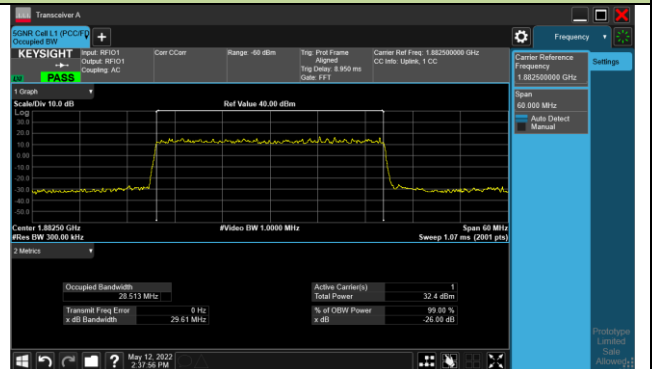
20MHz Channel Bandwidth



25MHz Channel Bandwidth



30MHz Channel Bandwidth



40MHz Channel Bandwidth

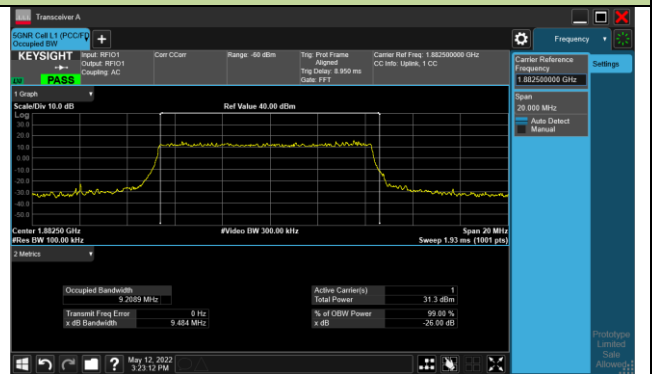


99% Bandwidth - QPSK

5MHz Channel Bandwidth



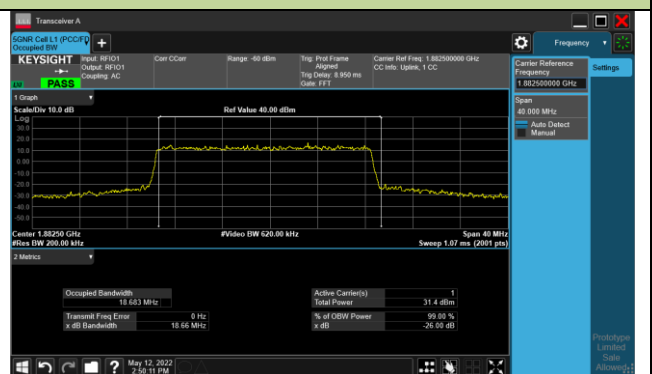
10MHz Channel Bandwidth



15MHz Channel Bandwidth



20MHz Channel Bandwidth



25MHz Channel Bandwidth



30MHz Channel Bandwidth



40MHz Channel Bandwidth



99% Bandwidth - 16QAM

5MHz Channel Bandwidth



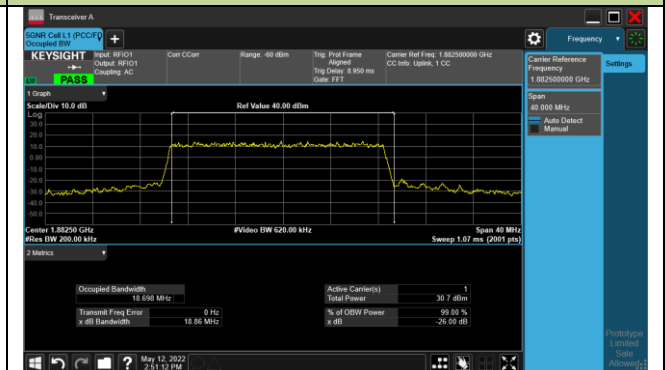
10MHz Channel Bandwidth



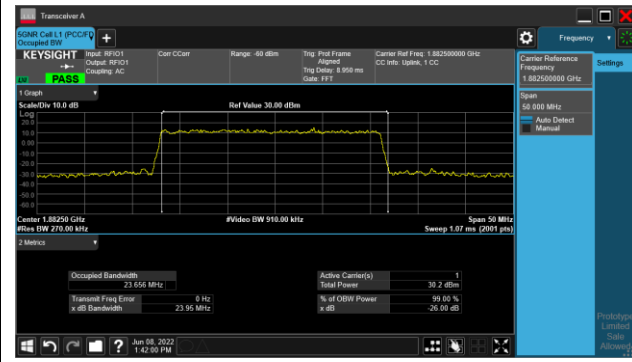
15MHz Channel Bandwidth



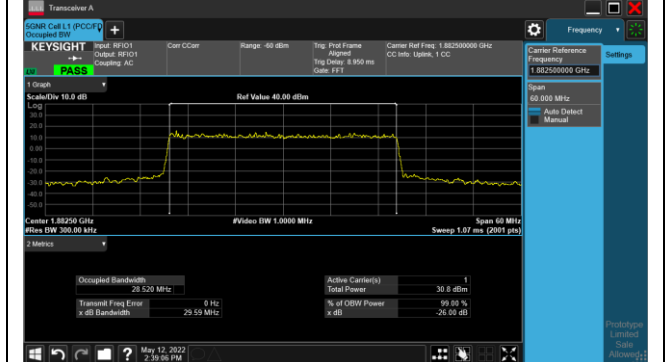
20MHz Channel Bandwidth



25MHz Channel Bandwidth



30MHz Channel Bandwidth



40MHz Channel Bandwidth

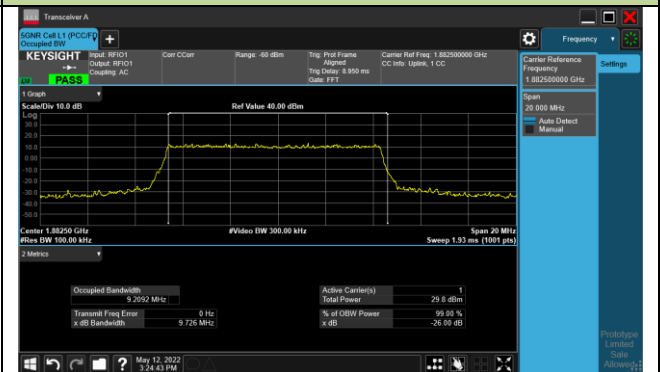


99% Bandwidth - 64QAM

5MHz Channel Bandwidth



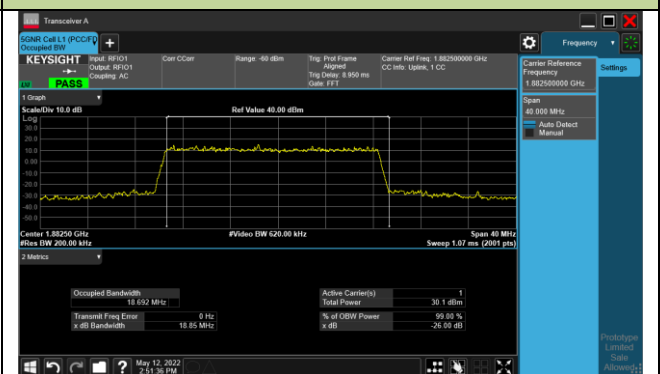
10MHz Channel Bandwidth



15MHz Channel Bandwidth



20MHz Channel Bandwidth



25MHz Channel Bandwidth



30MHz Channel Bandwidth



40MHz Channel Bandwidth

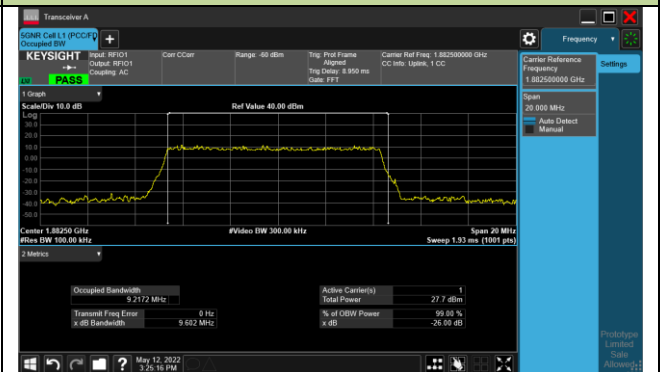


99% Bandwidth - 256QAM

5MHz Channel Bandwidth



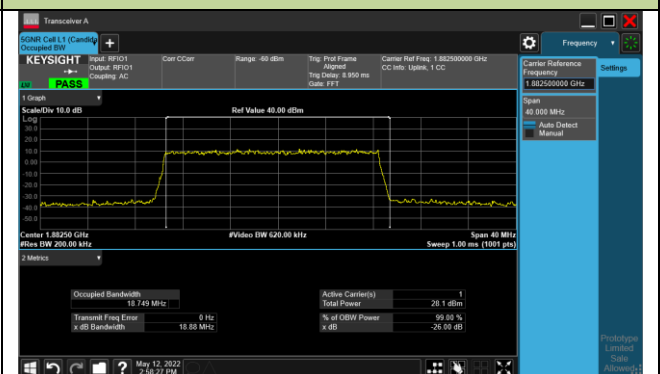
10MHz Channel Bandwidth



15MHz Channel Bandwidth



20MHz Channel Bandwidth



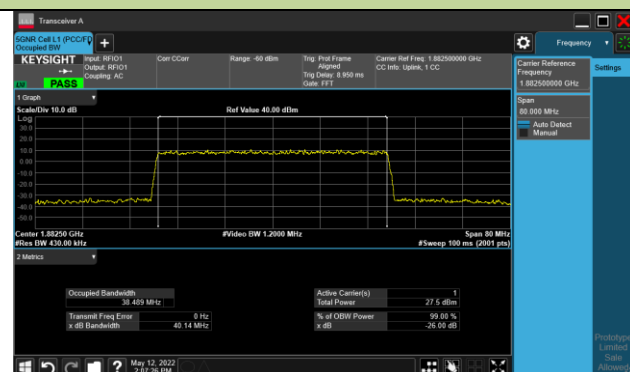
25MHz Channel Bandwidth



30MHz Channel Bandwidth



40MHz Channel Bandwidth



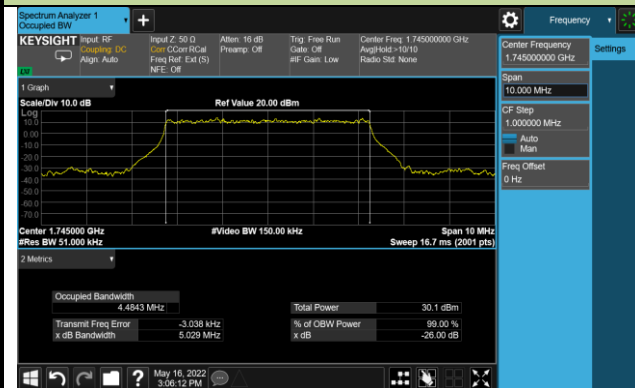
Test Site	SIP-SR1	Test Engineer	Candy Luo
Test Date	2022/05/16	Test Band	n66

Frequency (MHz)	Bandwidth (MHz)	99% Bandwidth (MHz)
PI/2 BPSK		
1745.0	5	4.48
1745.0	10	8.90
1745.0	15	13.39
1745.0	20	17.84
1745.0	30	28.52
1745.0	40	38.42
QPSK		
1745.0	5	4.48
1745.0	10	8.90
1745.0	15	13.44
1745.0	20	17.84
1745.0	30	28.51
1745.0	40	38.43
16QAM		
1745.0	5	4.48
1745.0	10	8.95
1745.0	15	13.42
1745.0	20	17.90
1745.0	30	28.51
1745.0	40	38.51
64QAM		
1745.0	5	4.48
1745.0	10	8.94
1745.0	15	13.39
1745.0	20	17.85
1745.0	30	28.60
1745.0	40	38.48

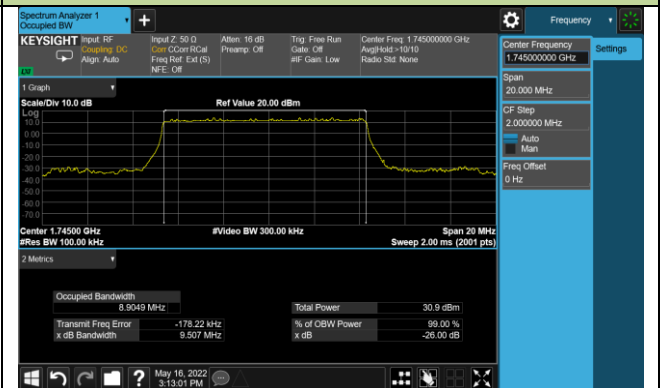
256QAM		
1745.0	5	4.48
1745.0	10	8.94
1745.0	15	13.42
1745.0	20	17.82
1745.0	30	28.52
1745.0	40	38.47

99% Bandwidth - PI/2 BPSK

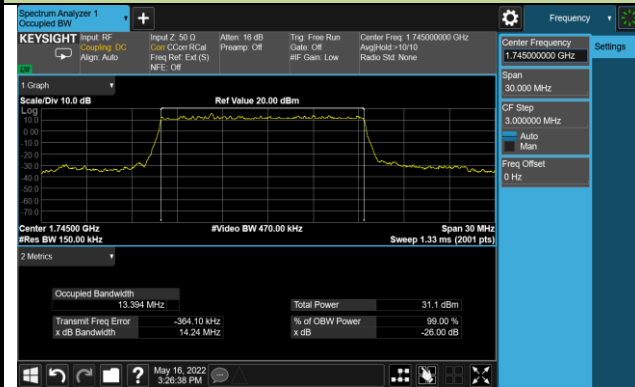
5MHz Channel Bandwidth



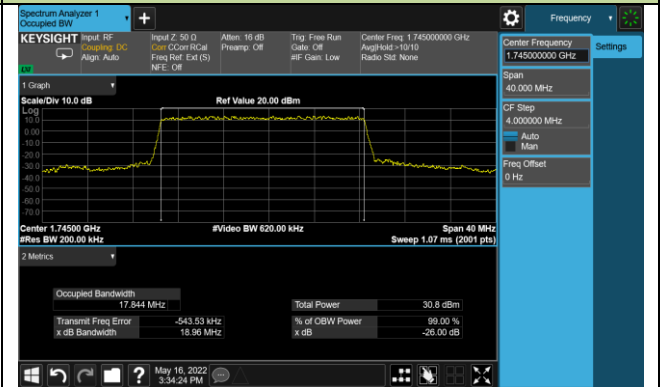
10MHz Channel Bandwidth



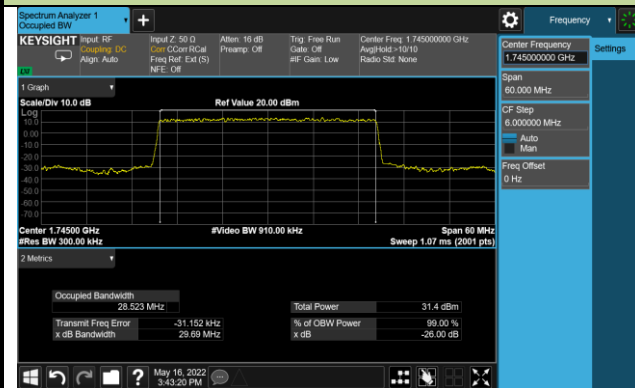
15MHz Channel Bandwidth



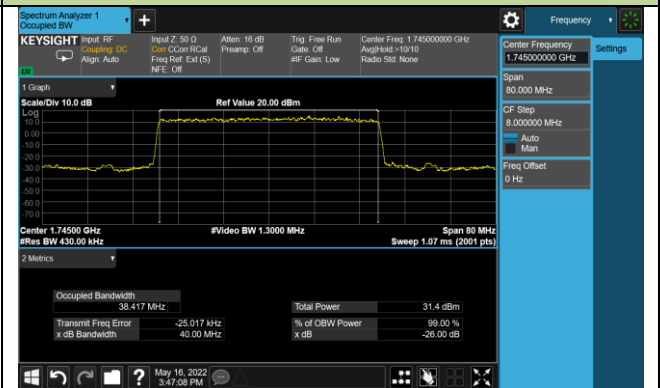
20MHz Channel Bandwidth



30MHz Channel Bandwidth

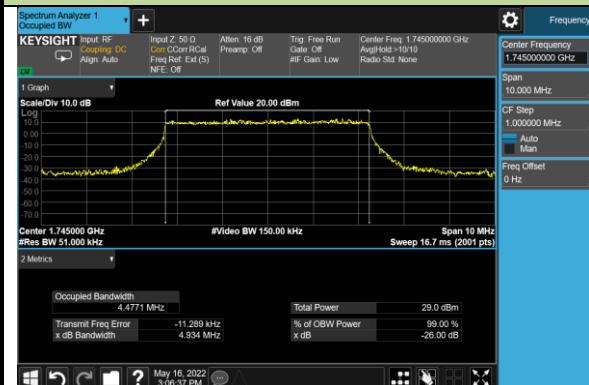


40MHz Channel Bandwidth

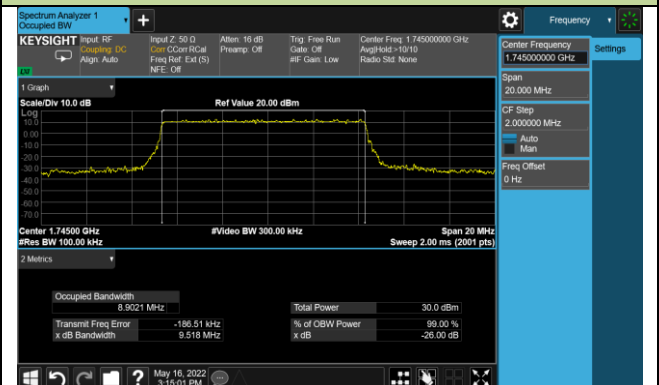


99% Bandwidth - QPSK

5MHz Channel Bandwidth



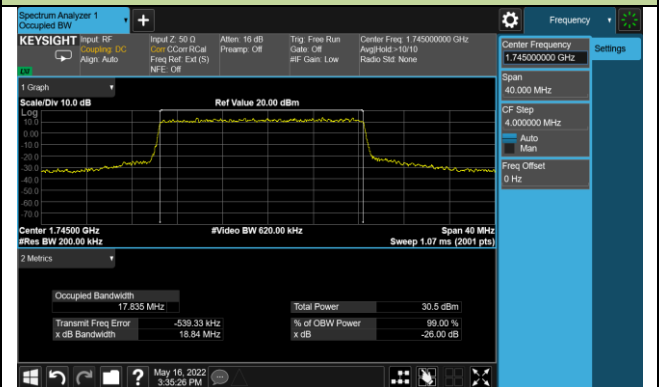
10MHz Channel Bandwidth



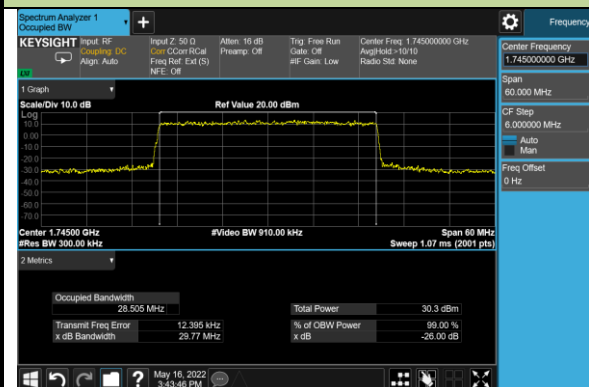
15MHz Channel Bandwidth



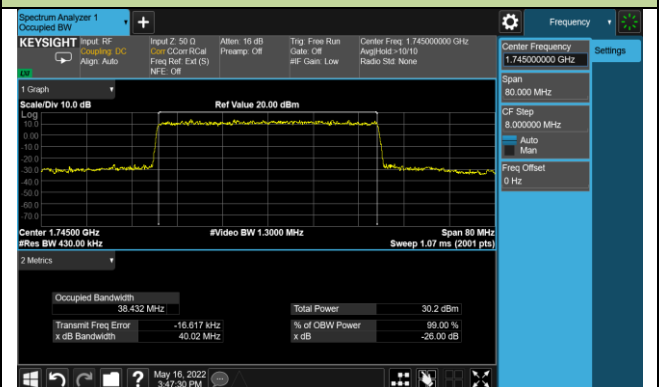
20MHz Channel Bandwidth



30MHz Channel Bandwidth

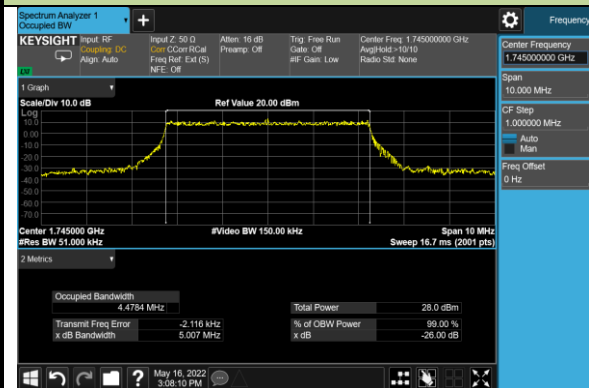


40MHz Channel Bandwidth



99% Bandwidth - 16QAM

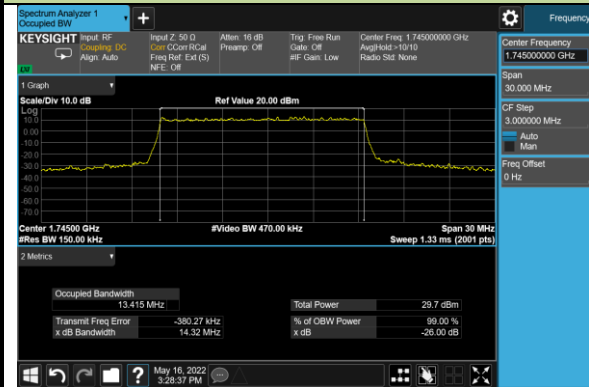
5MHz Channel Bandwidth



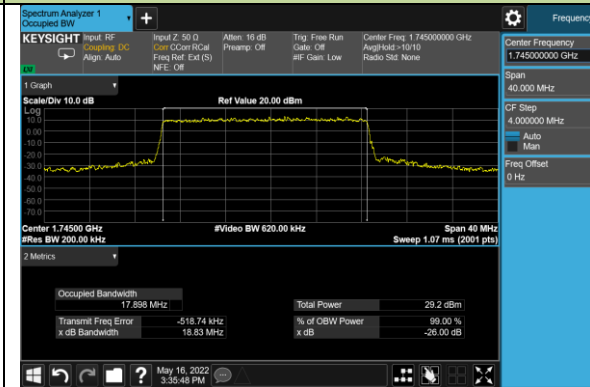
10MHz Channel Bandwidth



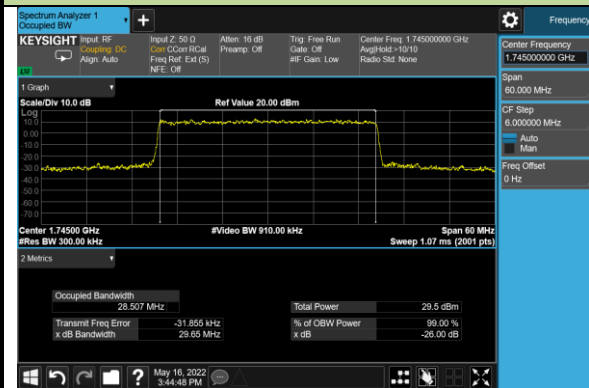
15MHz Channel Bandwidth



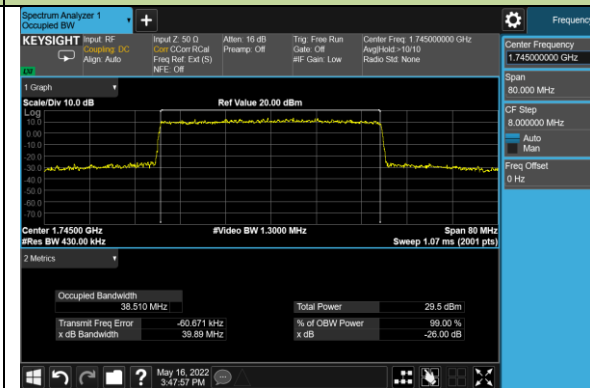
20MHz Channel Bandwidth



30MHz Channel Bandwidth



40MHz Channel Bandwidth



99% Bandwidth - 64QAM

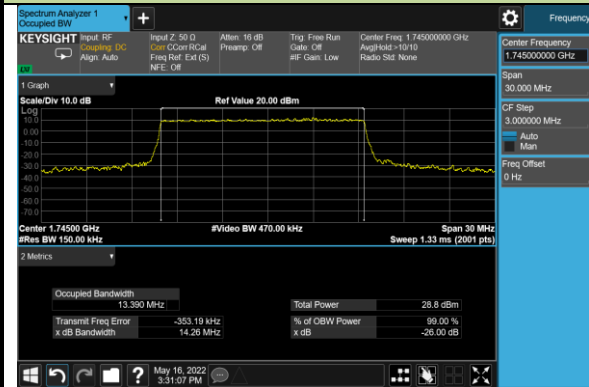
5MHz Channel Bandwidth



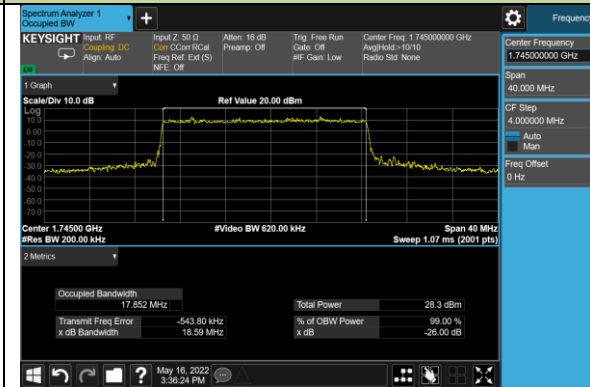
10MHz Channel Bandwidth



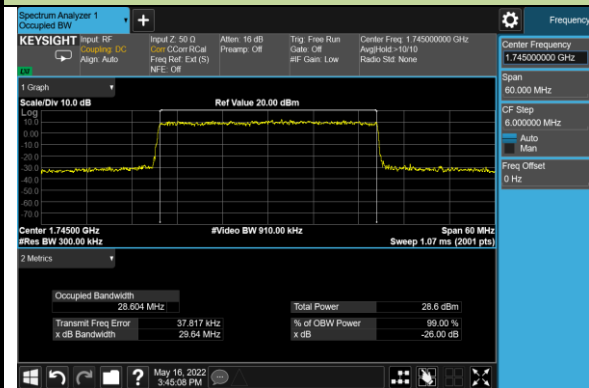
15MHz Channel Bandwidth



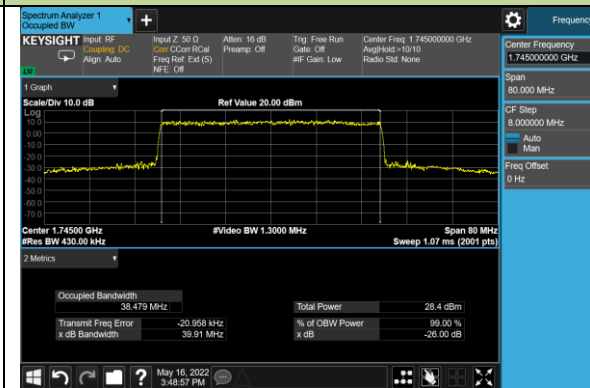
20MHz Channel Bandwidth



30MHz Channel Bandwidth

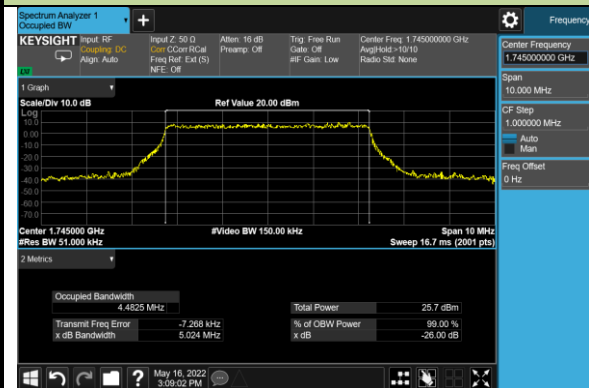


40MHz Channel Bandwidth

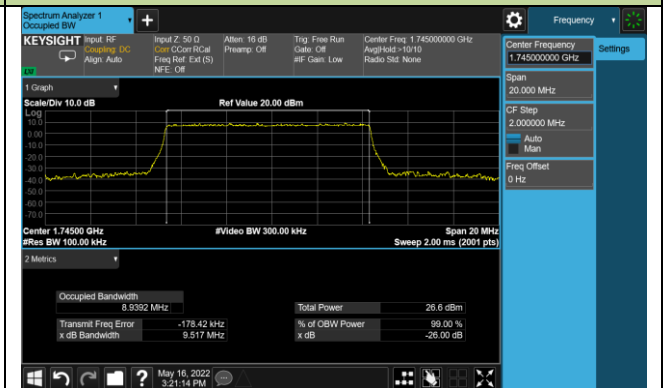


99% Bandwidth - 256QAM

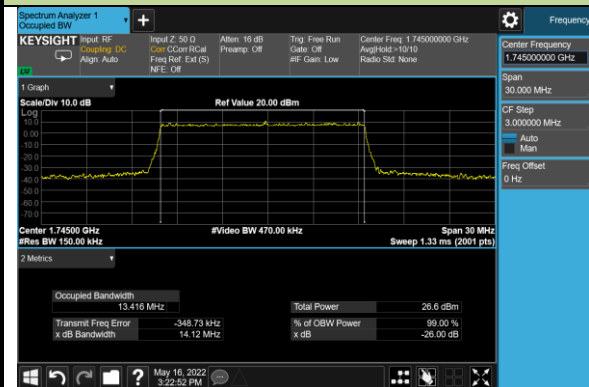
5MHz Channel Bandwidth



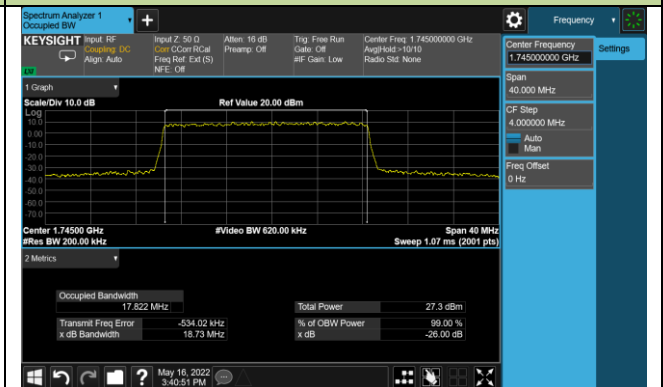
10MHz Channel Bandwidth



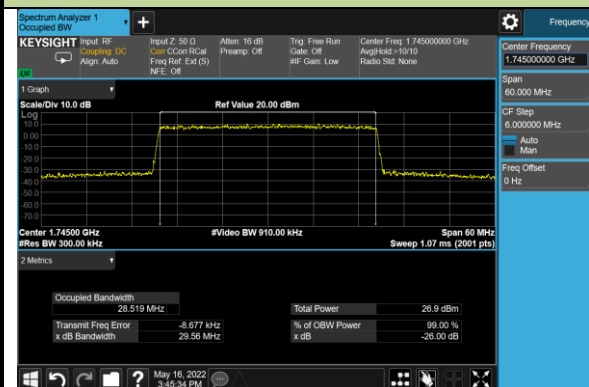
15MHz Channel Bandwidth



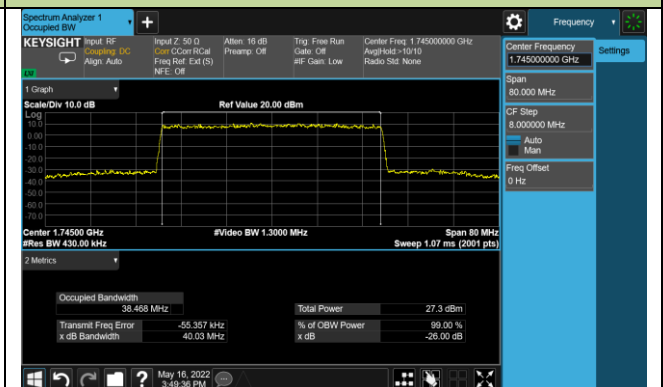
20MHz Channel Bandwidth



30MHz Channel Bandwidth



40MHz Channel Bandwidth

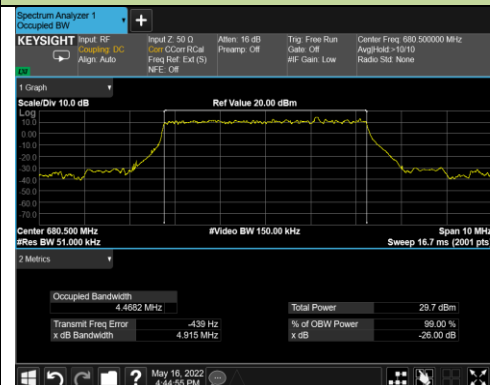


Test Site	SIP-SR1	Test Engineer	Candy Luo
Test Date	2022/05/16	Test Band	n71

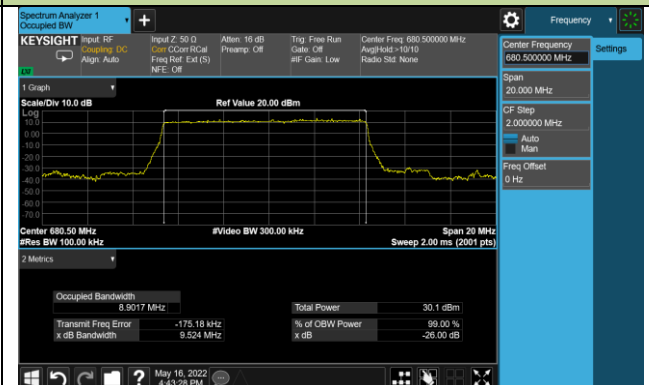
Frequency (MHz)	Bandwidth (MHz)	99% Bandwidth (MHz)
PI/2 BPSK		
680.5	5	4.47
680.5	10	8.90
680.5	15	13.38
680.5	20	17.81
QPSK		
680.5	5	4.50
680.5	10	8.89
680.5	15	13.38
680.5	20	17.82
16QAM4.48		
680.5	5	4.48
680.5	10	8.93
680.5	15	13.39
680.5	20	17.83
64QAM		
680.5	5	4.48
680.5	10	8.92
680.5	15	13.38
680.5	20	17.82
256QAM		
680.5	5	4.47
680.5	10	8.91
680.5	15	13.39
680.5	20	17.82

99% Bandwidth - PI/2 BPSK

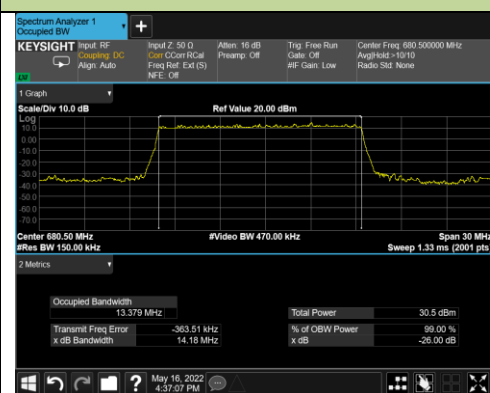
5MHz Channel Bandwidth



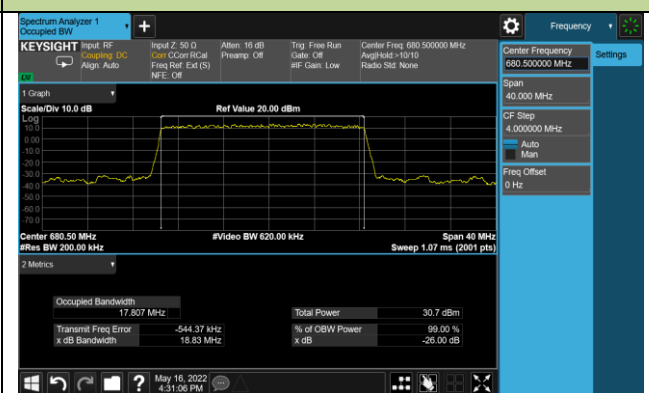
10MHz Channel Bandwidth



15MHz Channel Bandwidth

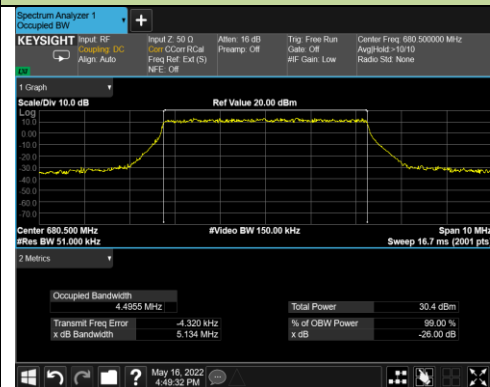


20MHz Channel Bandwidth

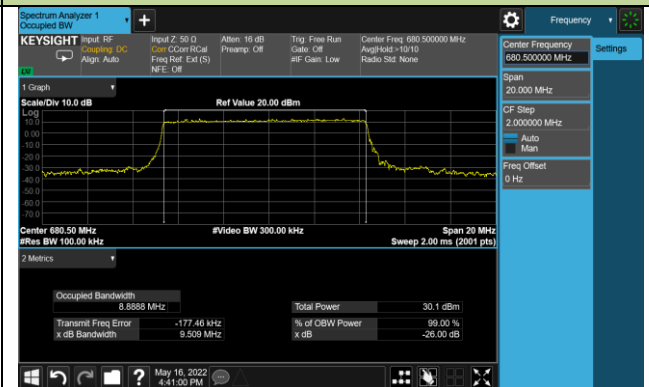


99% Bandwidth - QPSK

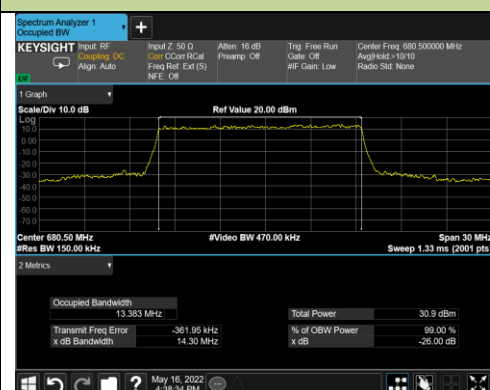
5MHz Channel Bandwidth



10MHz Channel Bandwidth



15MHz Channel Bandwidth



20MHz Channel Bandwidth

