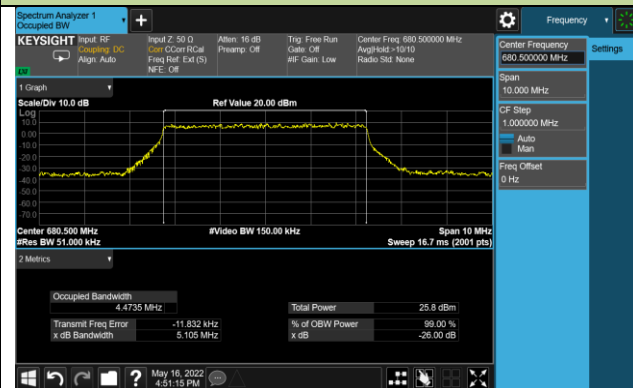
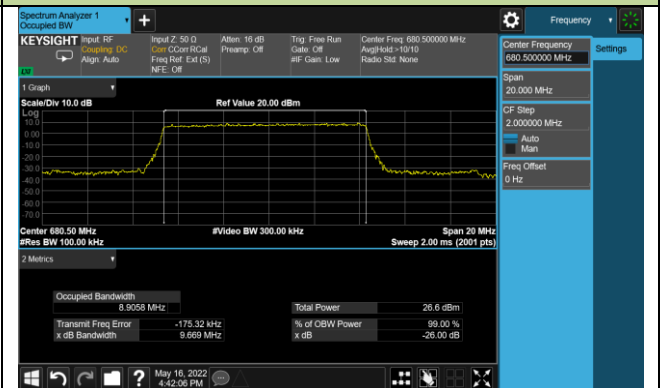


99% Bandwidth - 256QAM

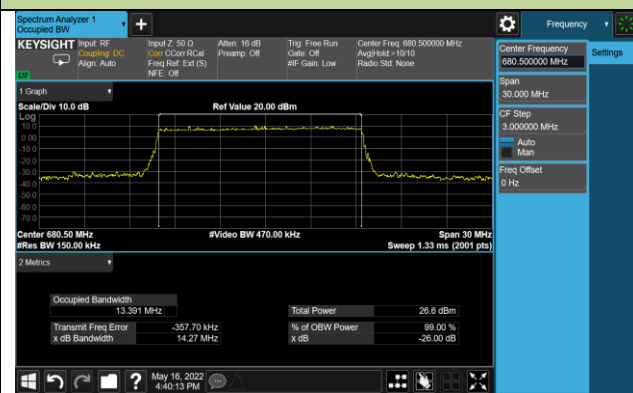
5MHz Channel Bandwidth



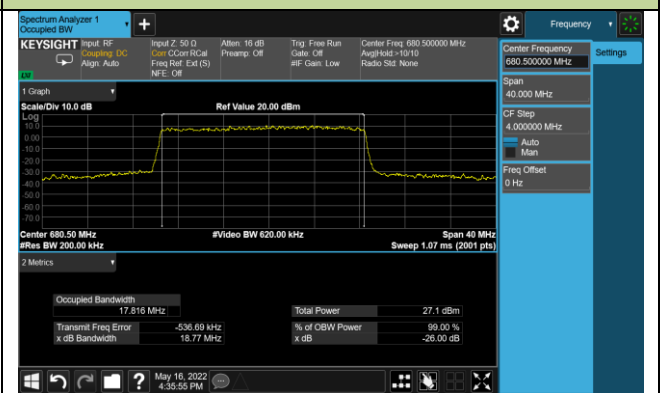
10MHz Channel Bandwidth



15MHz Channel Bandwidth



20MHz Channel Bandwidth

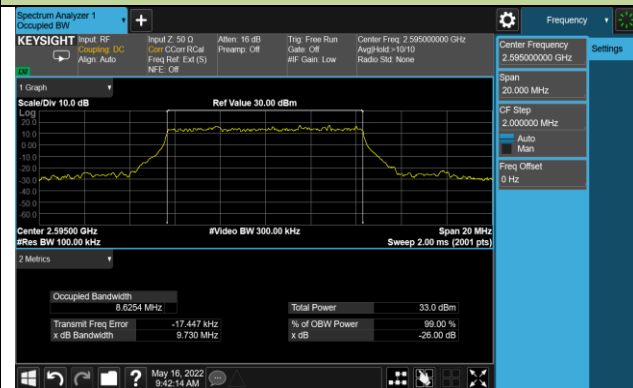


Test Site	SIP-SR1	Test Engineer	Candy Luo
Test Date	2022/05/16	Test Band	n38_HPUE

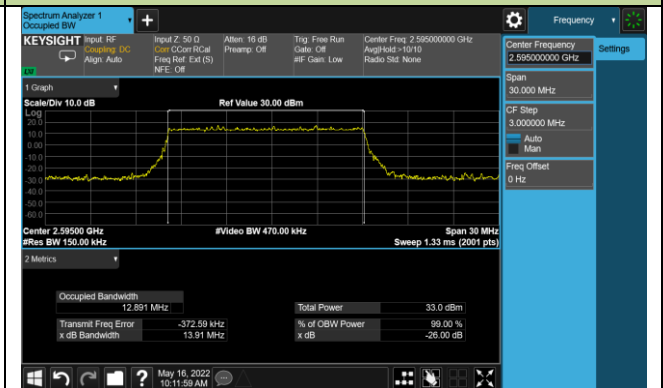
Frequency (MHz)	Bandwidth (MHz)	99% Bandwidth (MHz)
PI/2 BPSK		
2595.00	10	8.63
2595.00	15	12.89
2595.00	20	17.83
2595.00	30	26.80
2595.00	40	35.74
QPSK		
2595.00	10	8.60
2595.00	15	12.89
2595.00	20	17.80
2595.00	30	26.81
2595.00	40	35.73
16QAM		
2595.00	10	8.62
2595.00	15	12.91
2595.00	20	17.91
2595.00	30	26.79
2595.00	40	35.74
64QAM		
2595.00	10	8.59
2595.00	15	12.87
2595.00	20	17.89
2595.00	30	26.77
2595.00	40	35.70
256QAM		
2595.00	10	8.59
2595.00	15	12.84
2595.00	20	17.88
2595.00	30	26.81
2595.00	40	35.75

99% Bandwidth - PI/2 BPSK

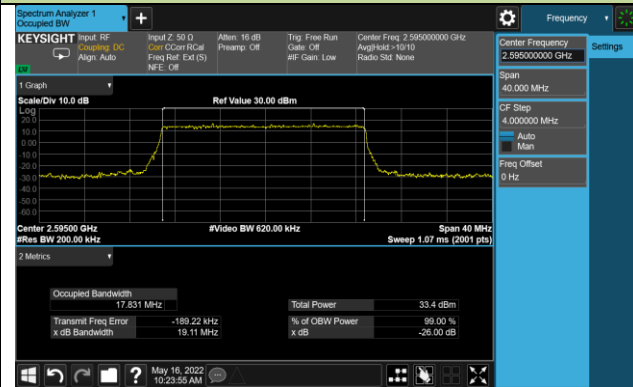
10MHz Channel Bandwidth



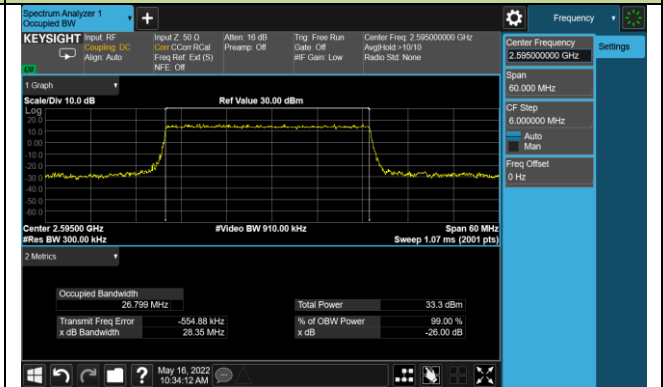
15MHz Channel Bandwidth



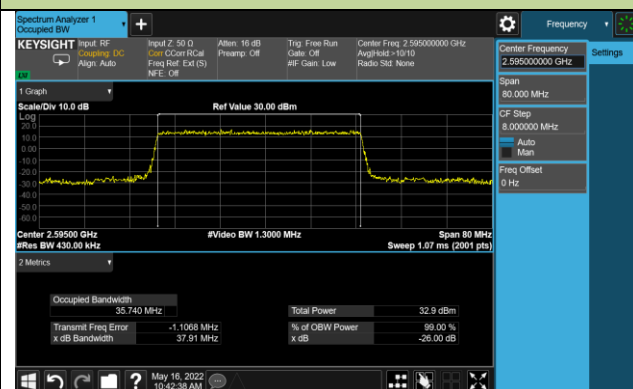
20MHz Channel Bandwidth



30MHz Channel Bandwidth

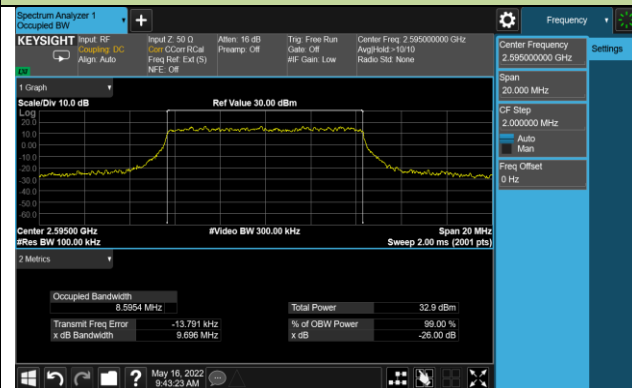


40MHz Channel Bandwidth



99% Bandwidth - QPSK

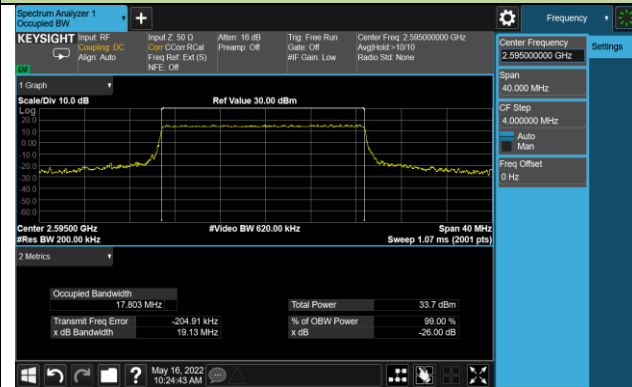
10MHz Channel Bandwidth



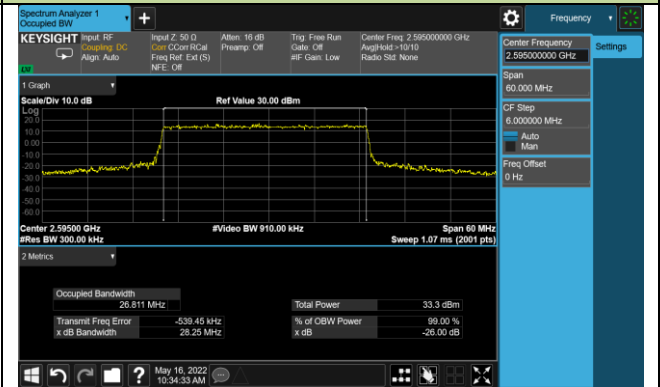
15MHz Channel Bandwidth



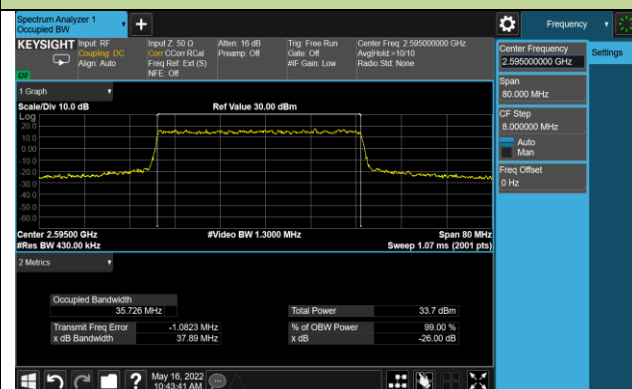
20MHz Channel Bandwidth



30MHz Channel Bandwidth

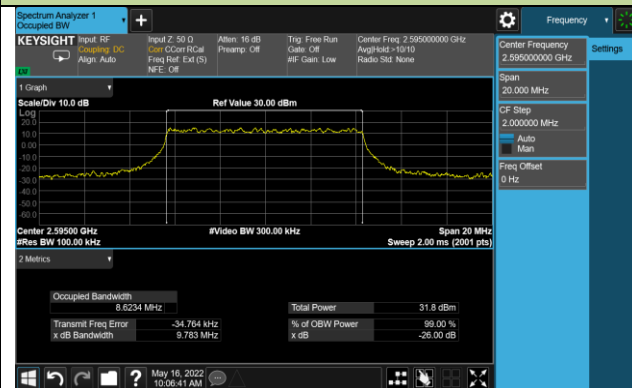


40MHz Channel Bandwidth

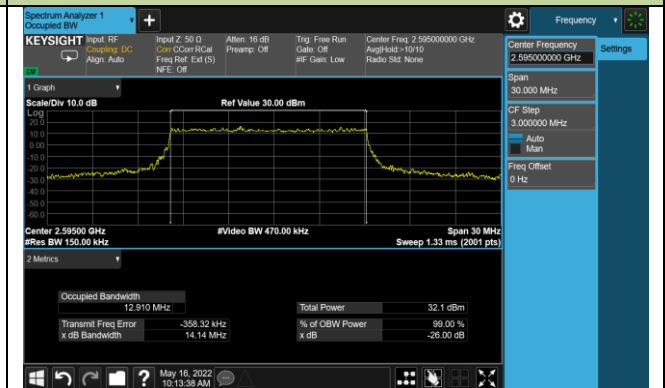


99% Bandwidth - 16QAM

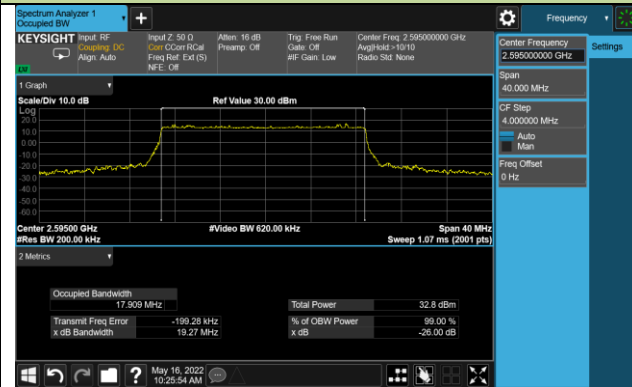
10MHz Channel Bandwidth



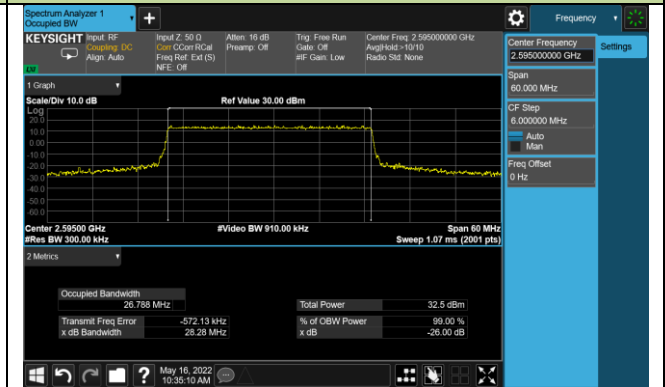
15MHz Channel Bandwidth



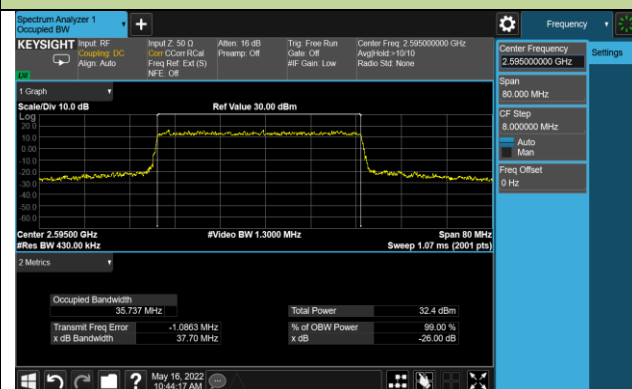
20MHz Channel Bandwidth



30MHz Channel Bandwidth

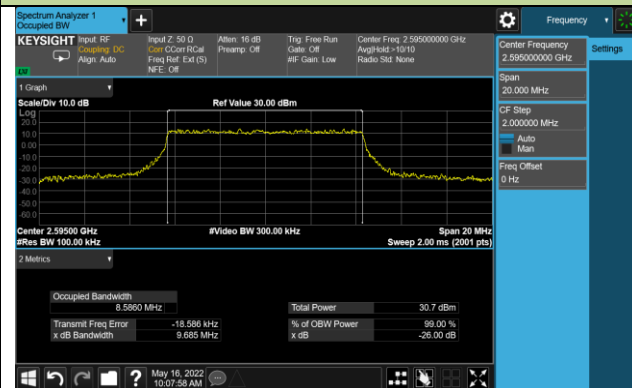


40MHz Channel Bandwidth

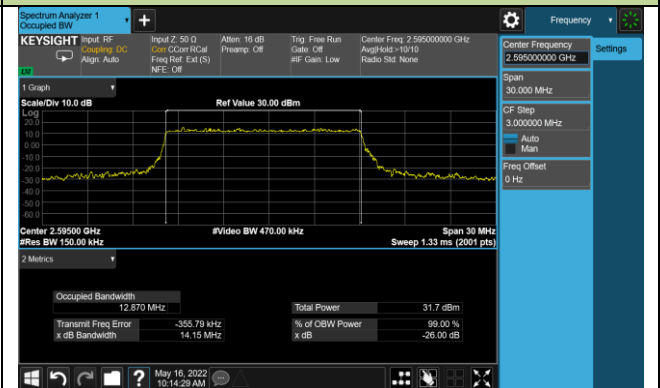


99% Bandwidth - 64QAM

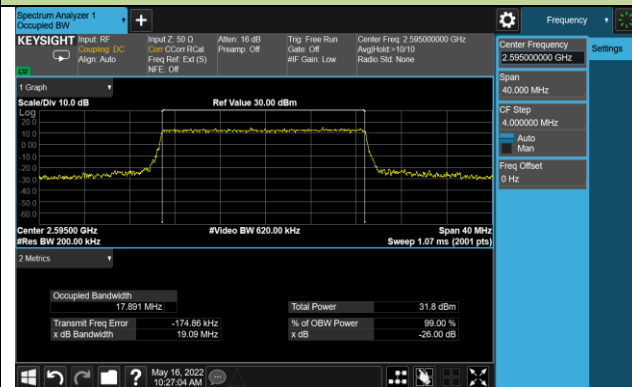
10MHz Channel Bandwidth



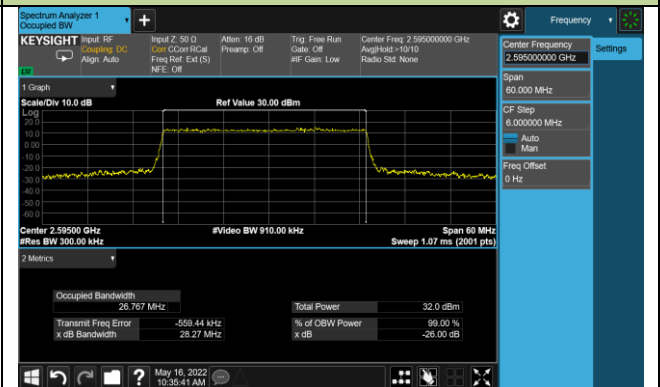
15MHz Channel Bandwidth



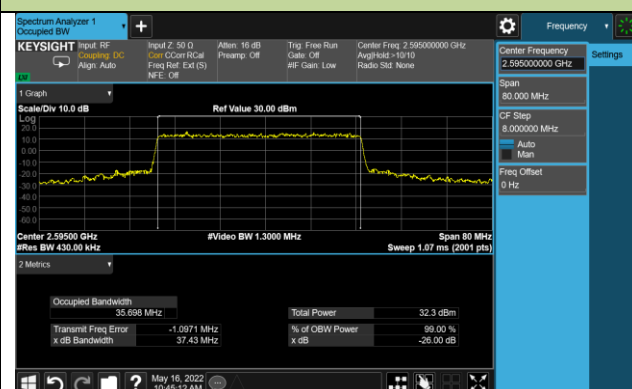
20MHz Channel Bandwidth



30MHz Channel Bandwidth

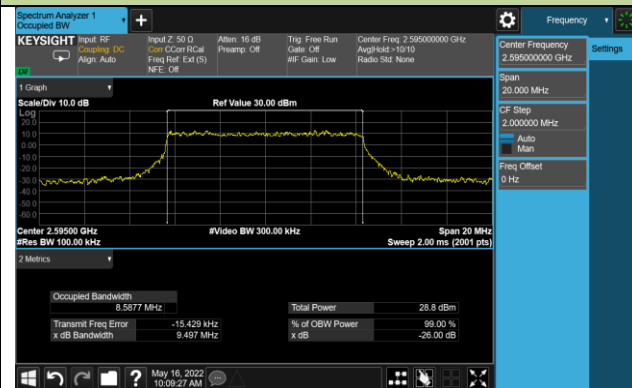


40MHz Channel Bandwidth

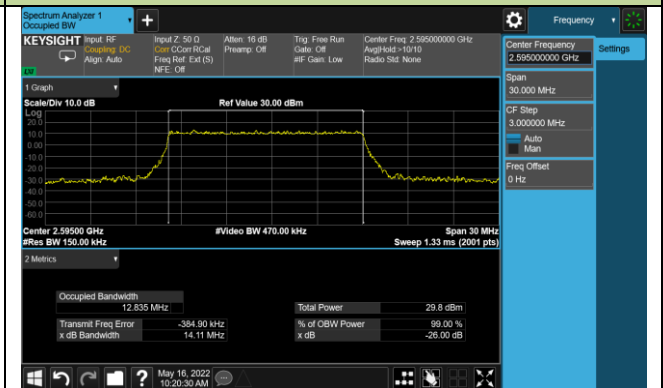


99% Bandwidth - 256QAM

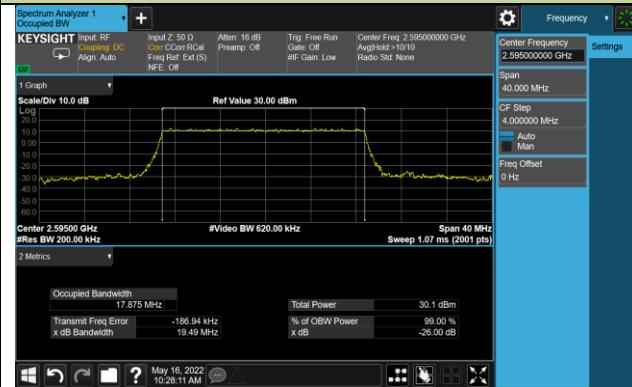
10MHz Channel Bandwidth



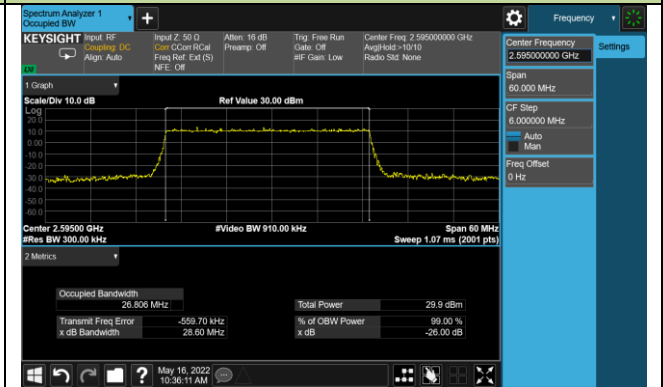
15MHz Channel Bandwidth



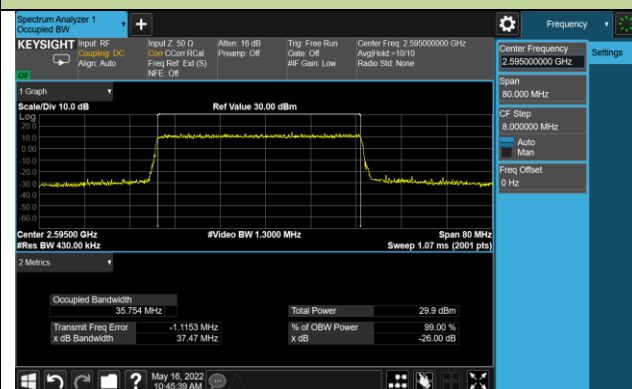
20MHz Channel Bandwidth



30MHz Channel Bandwidth



40MHz Channel Bandwidth



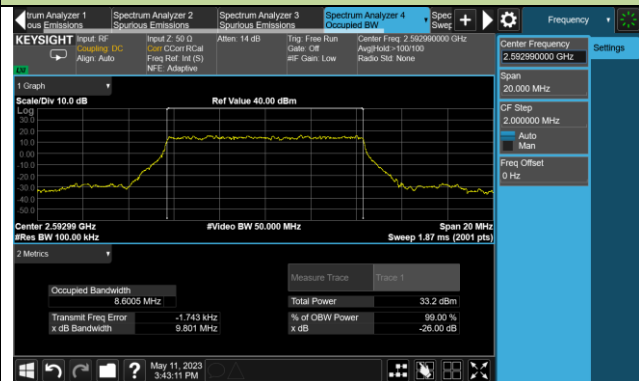
Test Site	SIP-SR1 WZ-SR6	Test Engineer	Candy Luo Cloud Guo
Test Date	2022/05/17 2023/05/10	Test Band	n41_HPUE

Frequency (MHz)	Bandwidth (MHz)	99% Bandwidth (MHz)
PI/2 BPSK		
2592.99	10	8.60
2592.99	15	12.86
2592.99	20	17.82
2592.99	30	26.80
2592.99	40	35.71
2592.99	50	45.74
2592.99	60	57.81
2592.99	70	64.28
2592.99	80	76.91
2592.99	90	86.62
2592.99	100	96.24
QPSK		
2592.99	10	8.59
2592.99	15	13.58
2592.99	20	17.87
2592.99	30	26.81
2592.99	40	35.78
2592.99	50	45.83
2592.99	60	57.84
2592.99	70	64.13
2592.99	80	77.00
2592.99	90	86.60
2592.99	100	96.26

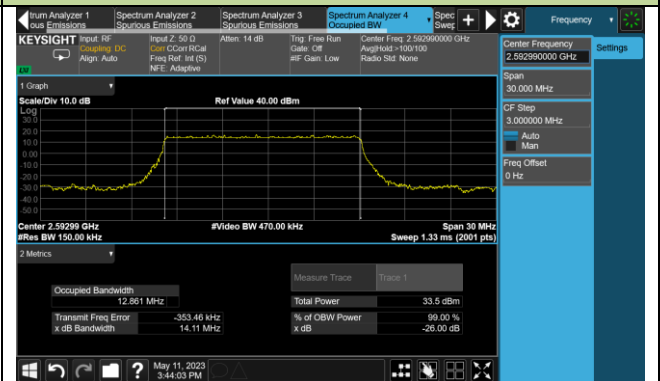
16QAM		
2592.99	10	8.58
2592.99	15	13.60
2592.99	20	17.90
2592.99	30	26.78
2592.99	40	35.76
2592.99	50	45.82
2592.99	60	57.75
2592.99	70	64.23
2592.99	80	77.08
2592.99	90	86.75
2592.99	100	96.38
64QAM		
2592.99	10	8.61
2592.99	15	13.56
2592.99	20	17.90
2592.99	30	26.77
2592.99	40	35.70
2592.99	50	45.75
2592.99	60	57.72
2592.99	70	64.17
2592.99	80	77.07
2592.99	90	86.71
2592.99	100	96.16
256QAM		
2592.99	10	8.56
2592.99	15	13.55
2592.99	20	17.86
2592.99	30	26.80
2592.99	40	35.72
2592.99	50	45.68
2592.99	60	57.74
2592.99	70	64.13
2592.99	80	76.94
2592.99	90	86.43
2592.99	100	96.16

99% Bandwidth - PI/2 BPSK

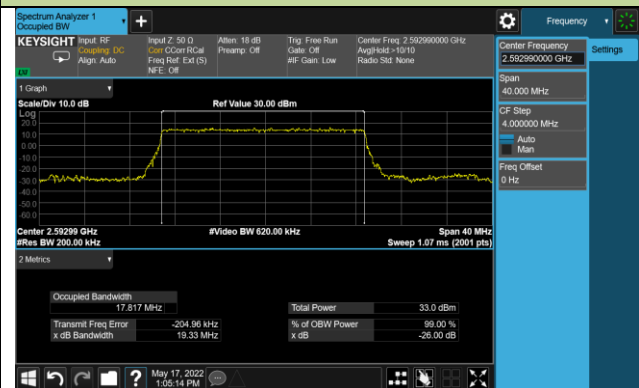
10MHz Channel Bandwidth



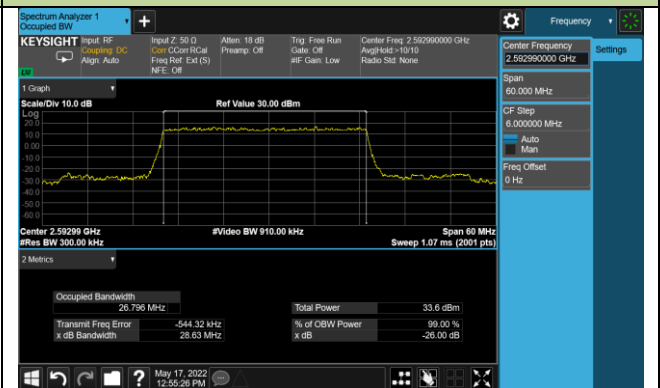
15MHz Channel Bandwidth



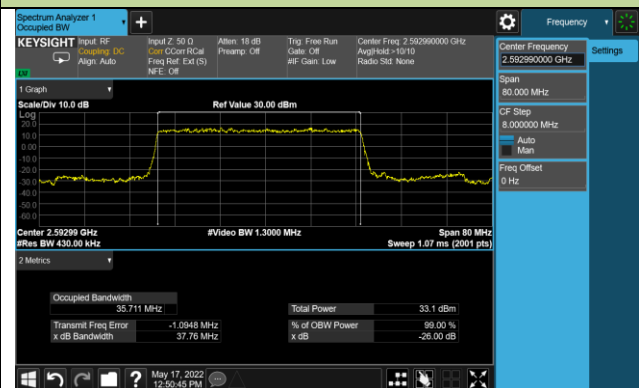
20MHz Channel Bandwidth



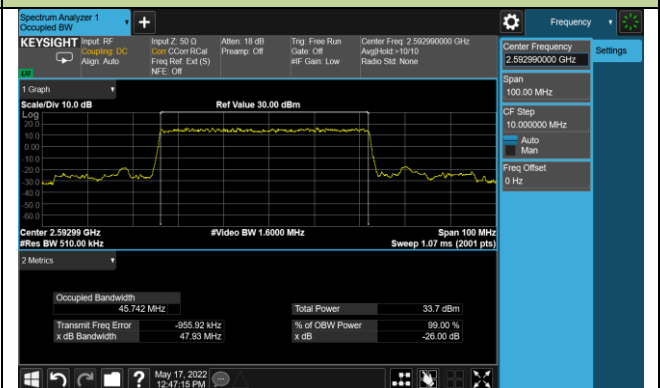
30MHz Channel Bandwidth



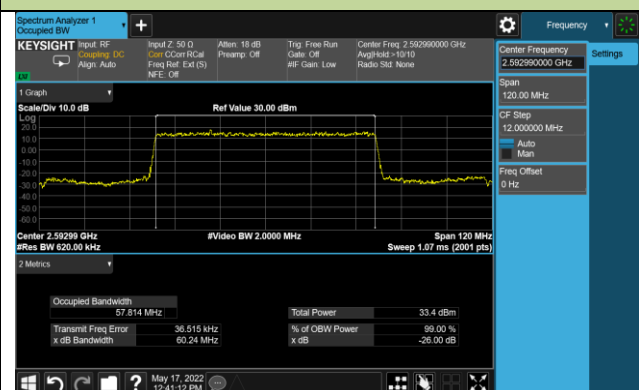
40MHz Channel Bandwidth



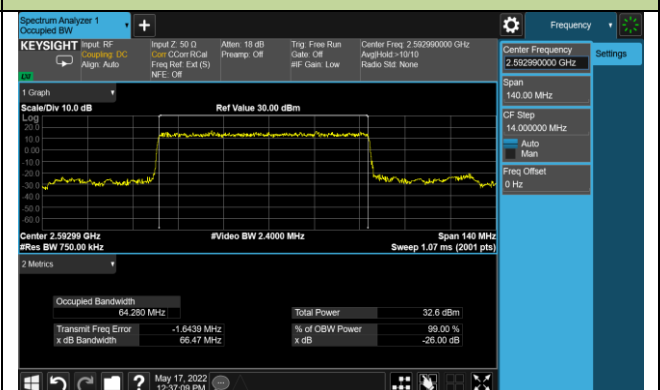
50MHz Channel Bandwidth

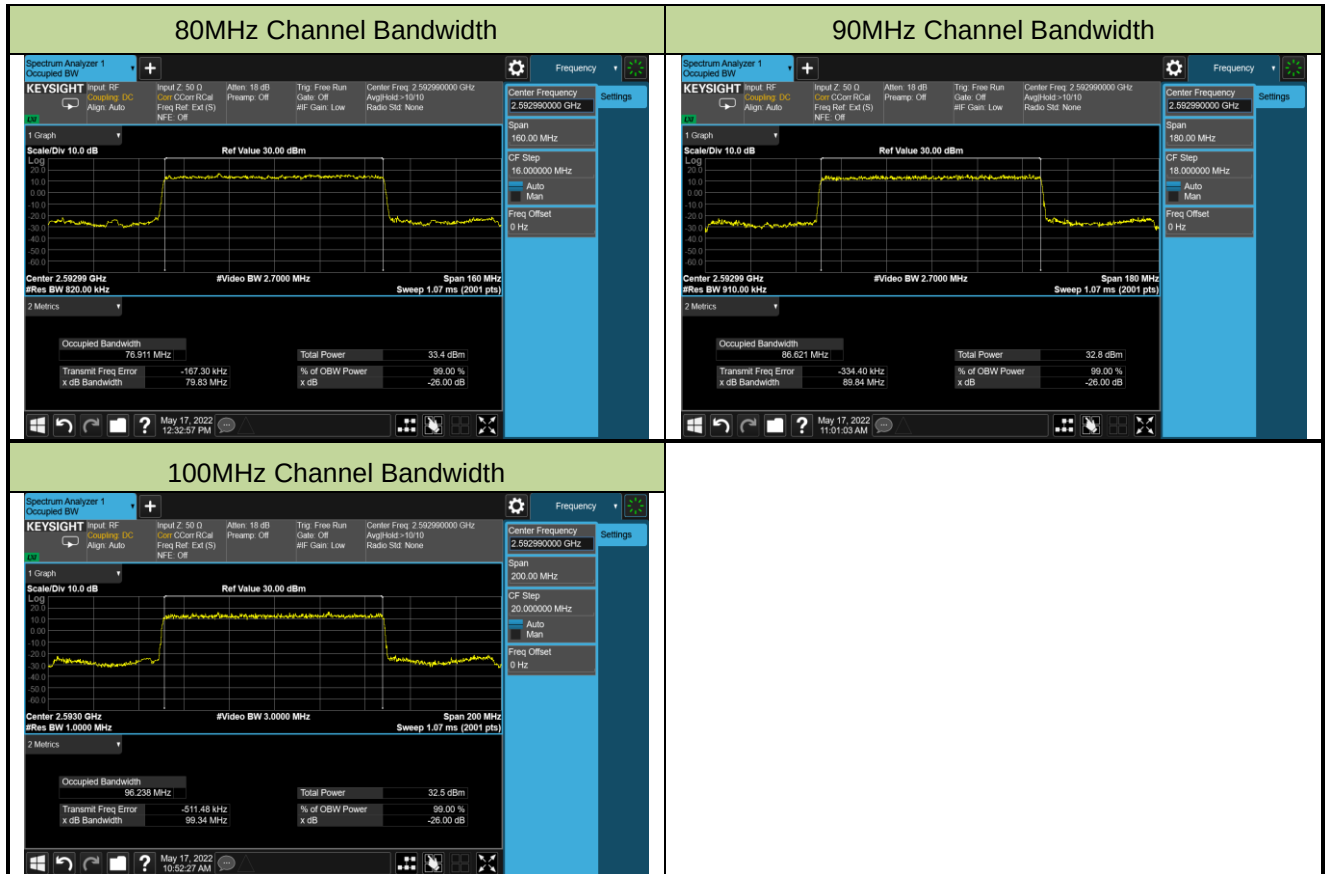


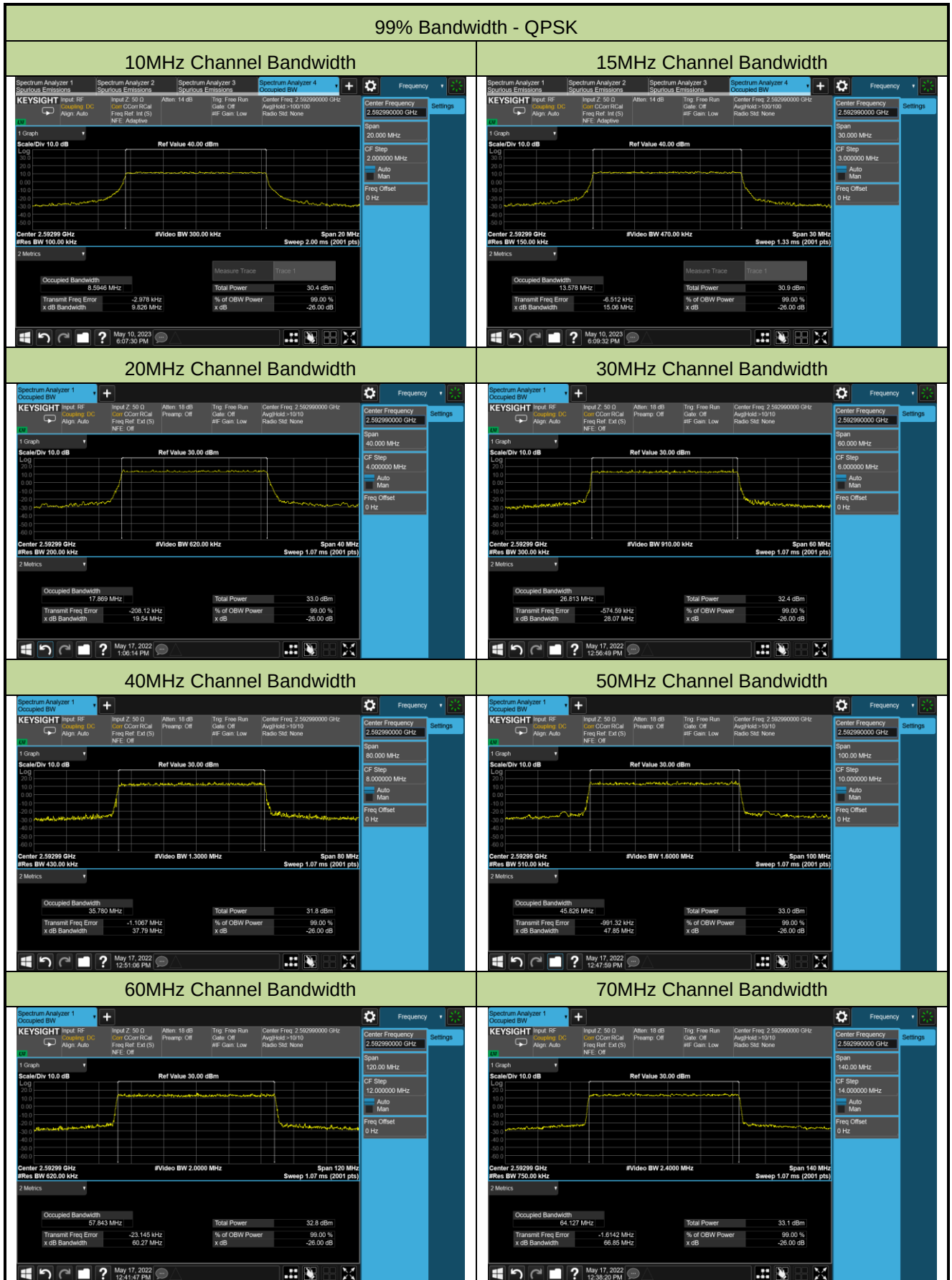
60MHz Channel Bandwidth

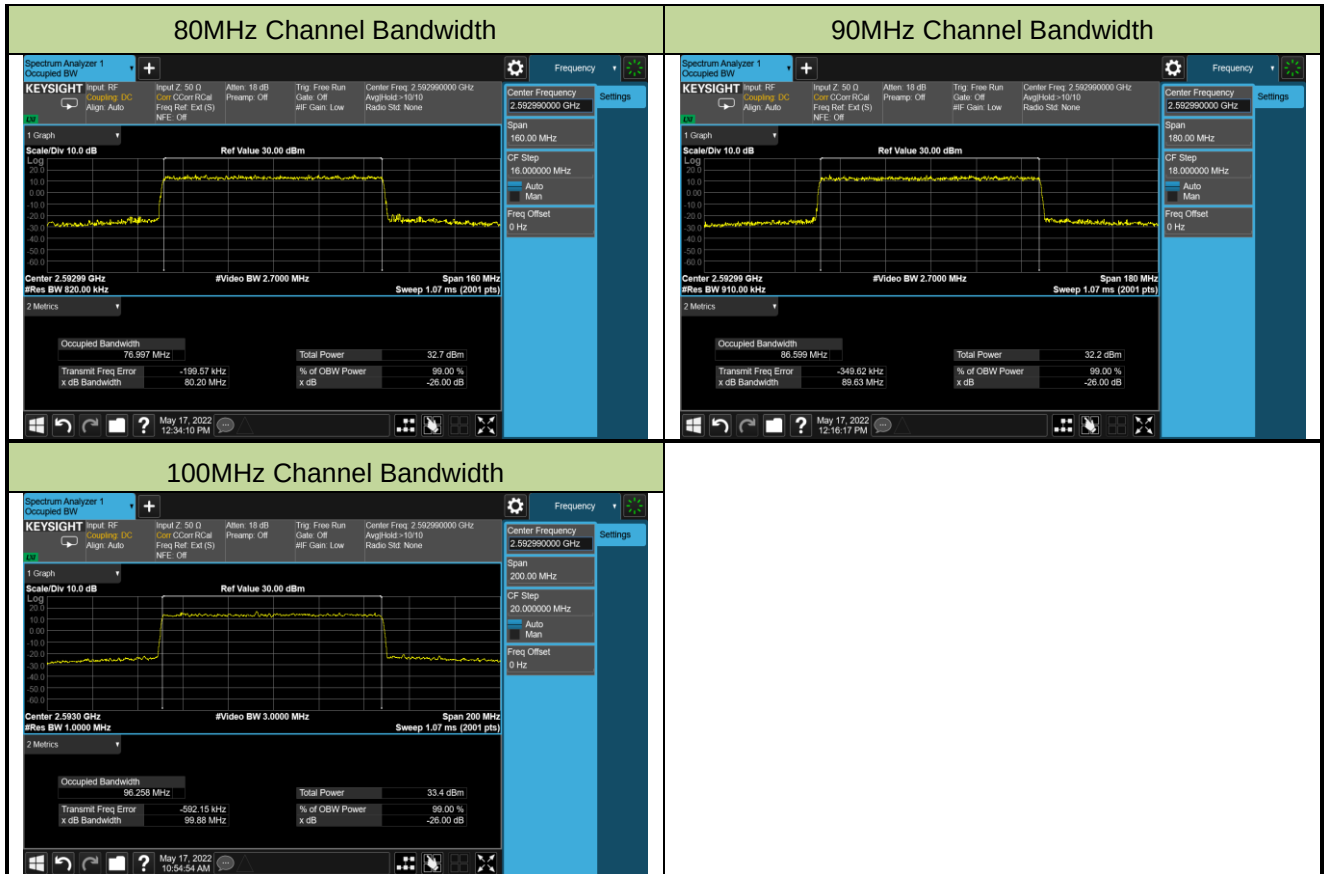


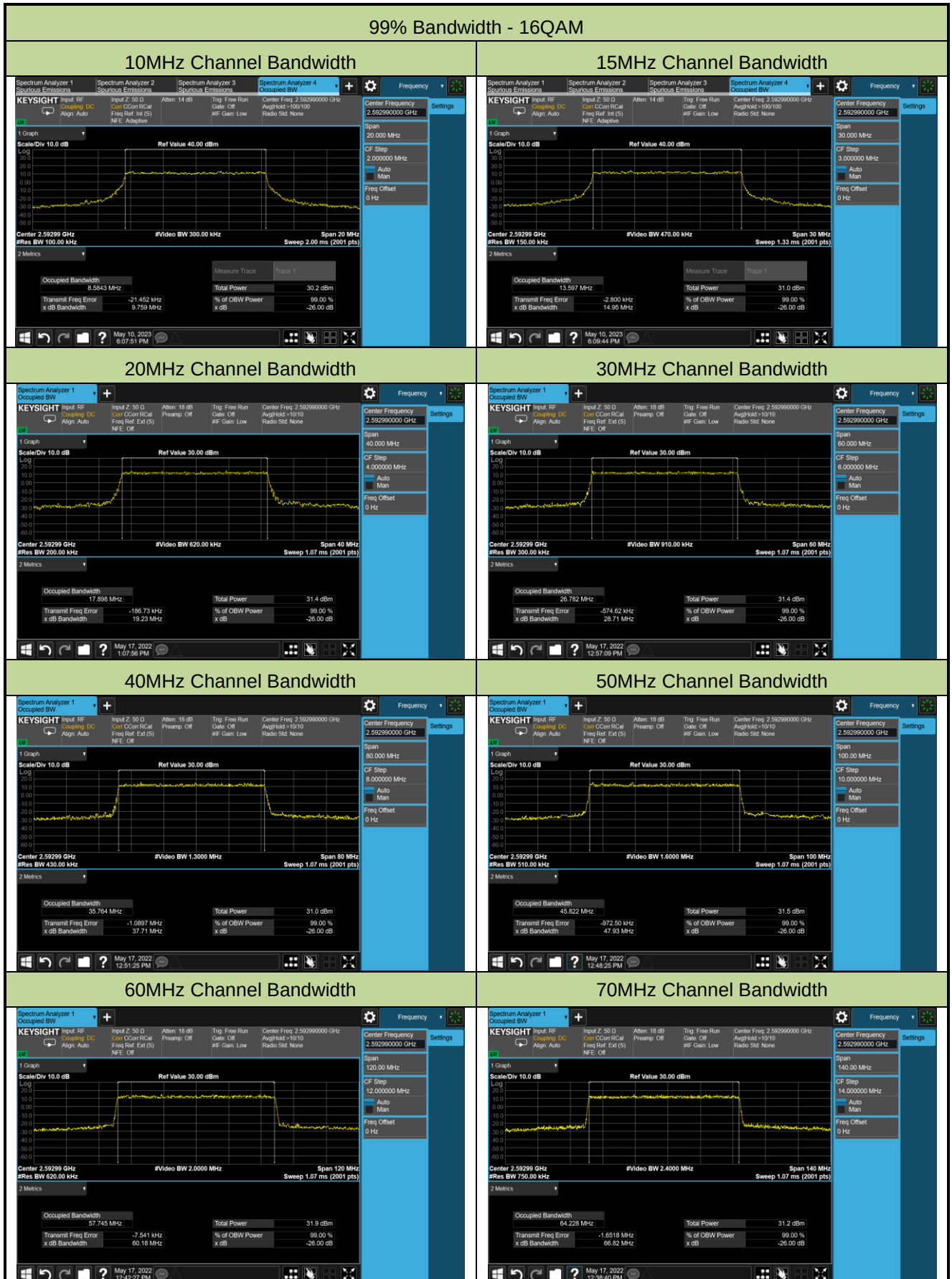
70MHz Channel Bandwidth

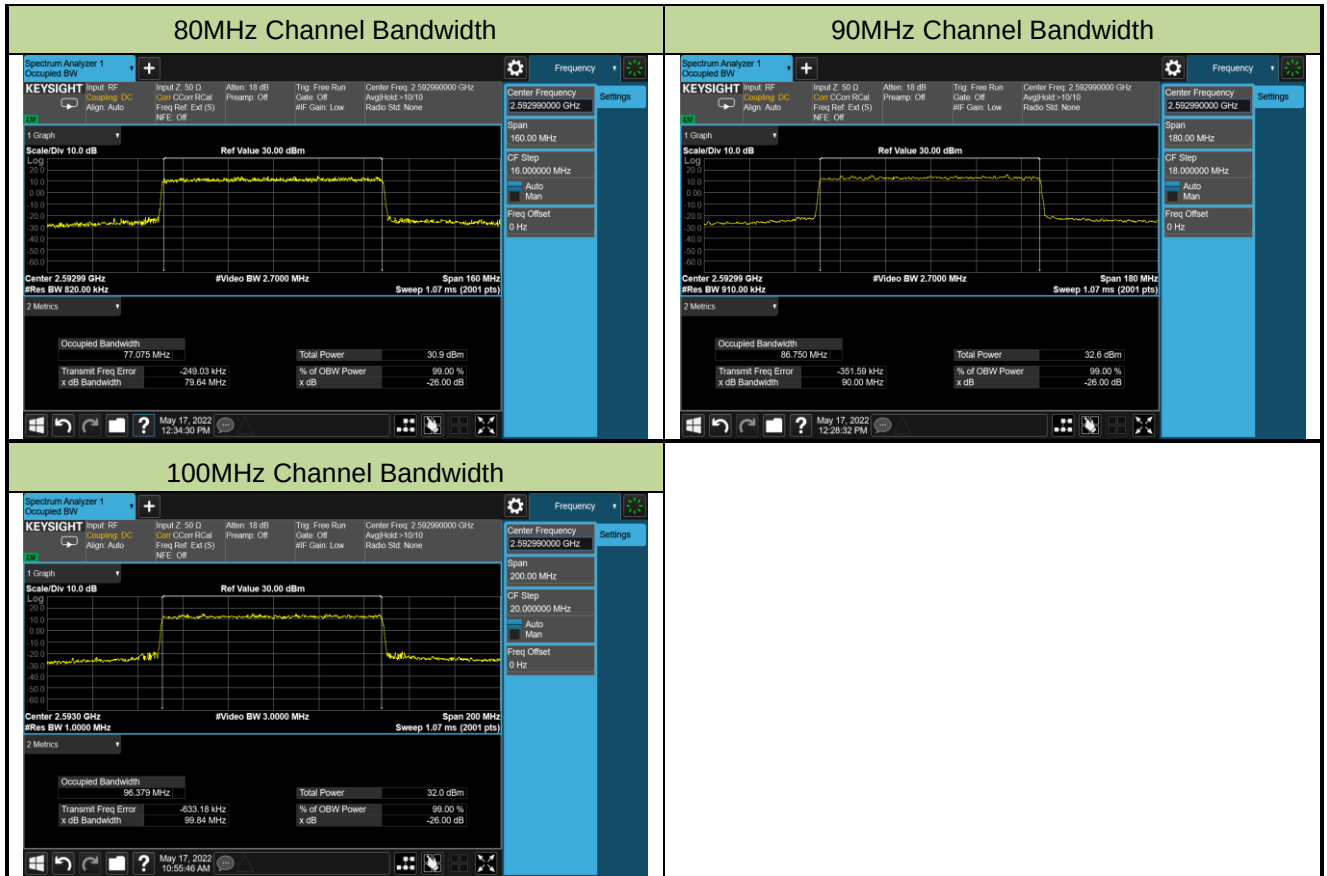


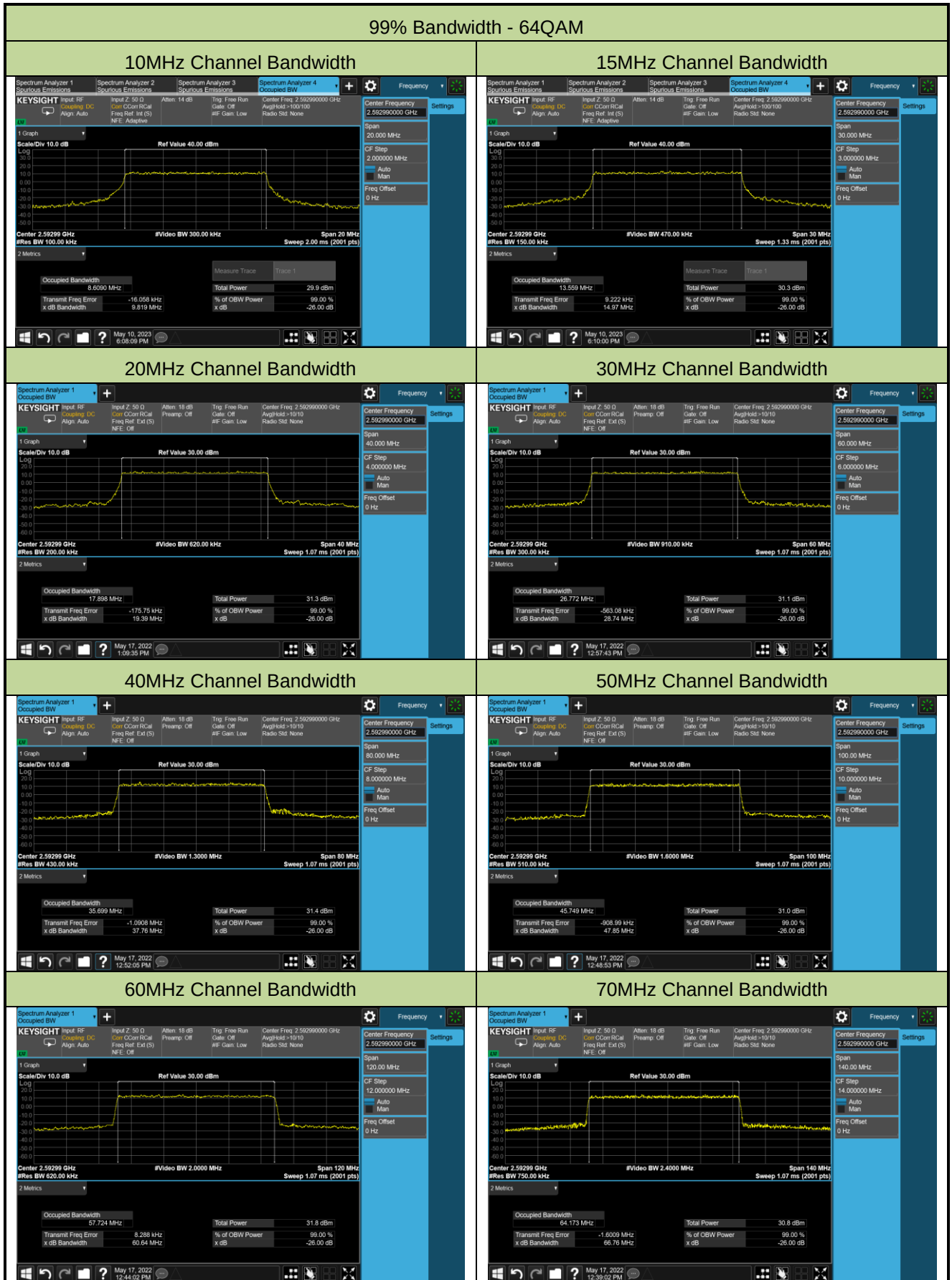


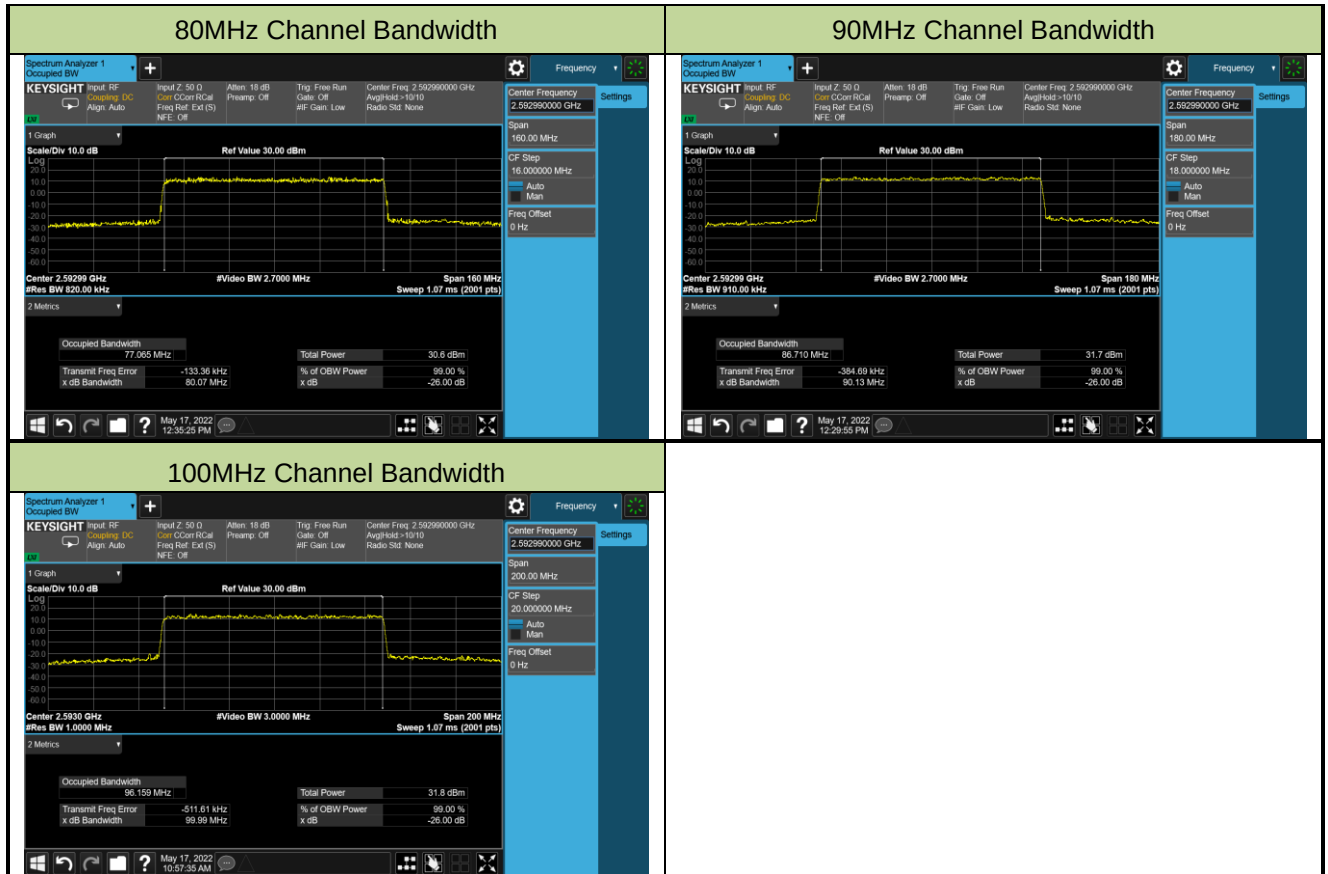






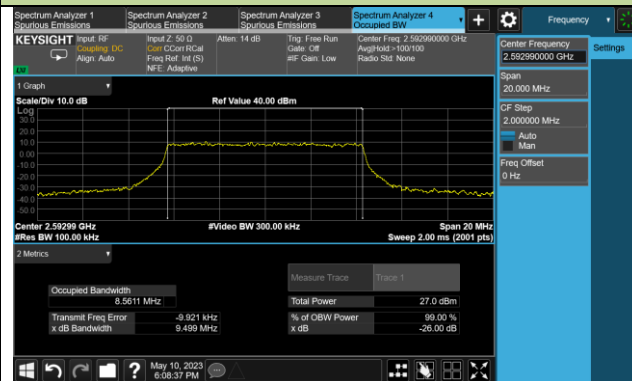




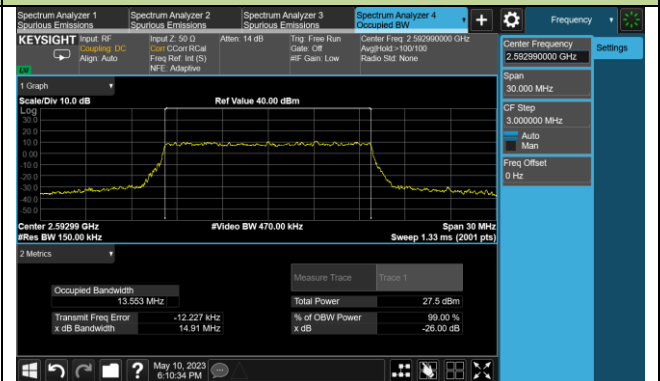


99% Bandwidth - 256QAM

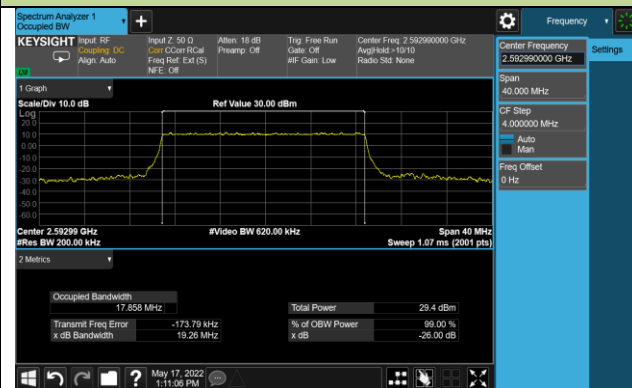
10MHz Channel Bandwidth



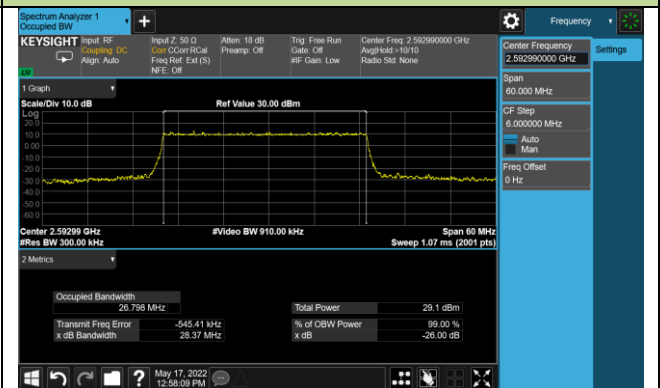
15MHz Channel Bandwidth



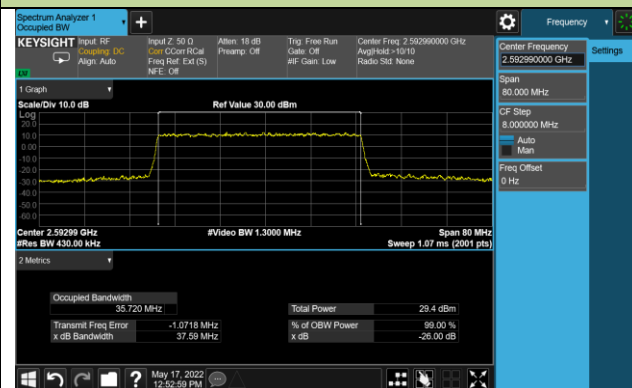
20MHz Channel Bandwidth



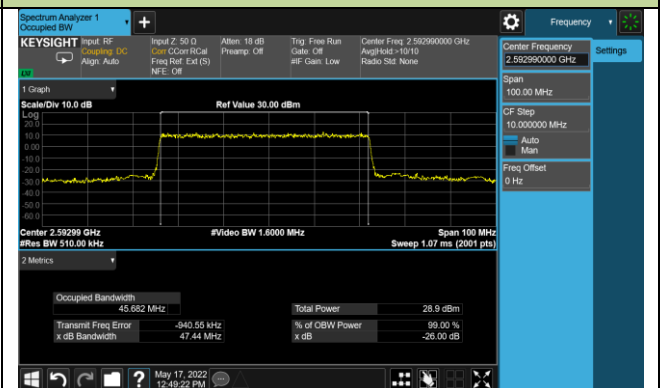
30MHz Channel Bandwidth



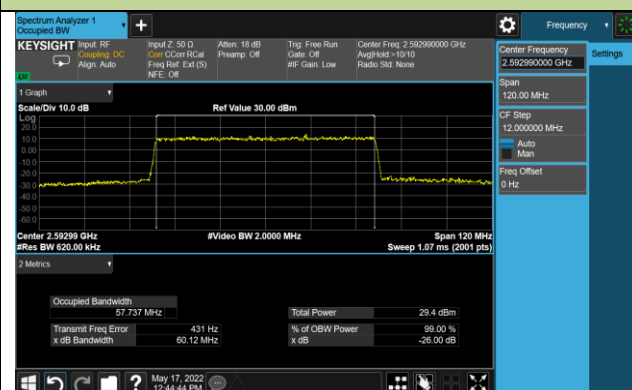
40MHz Channel Bandwidth



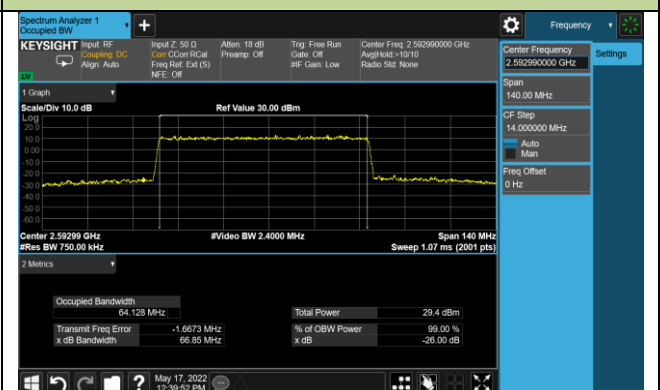
50MHz Channel Bandwidth

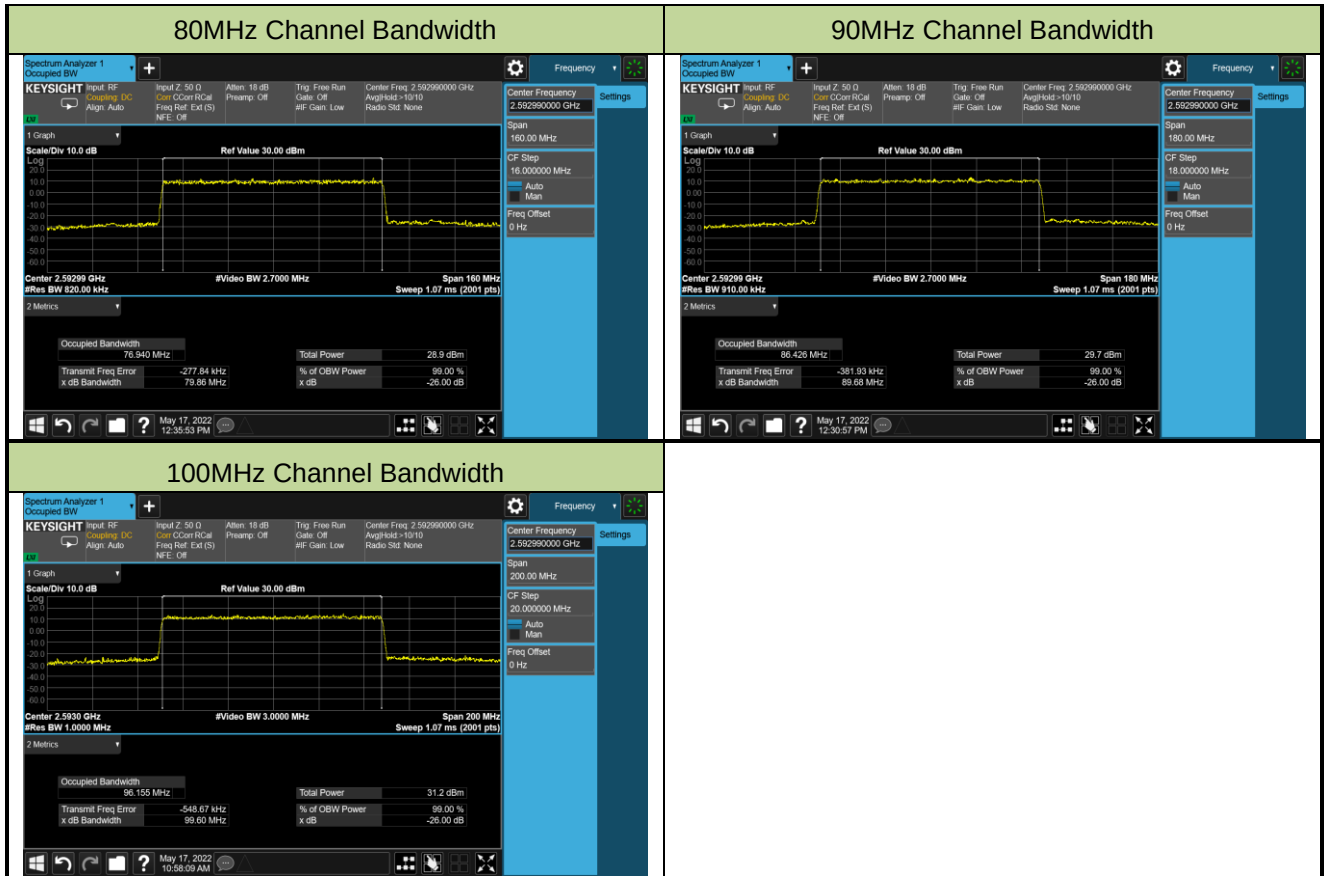


60MHz Channel Bandwidth



70MHz Channel Bandwidth





Test Site	SIP-SR1 WZ-SR6	Test Engineer	Candy Luo Cloud Guo
Test Date	2022/05/18 2023/05/11	Test Band	n77/n78_HPUE (3450 ~ 3550MHz)

Frequency (MHz)	Bandwidth (MHz)	99% Bandwidth (MHz)
PI/2 BPSK		
3500.01	10	8.60
3500.01	15	12.87
3500.01	20	17.80
3500.01	25	22.80
3500.01	30	26.78
3500.01	40	35.74
3500.01	50	45.71
3500.01	60	57.81
3500.01	70	64.21
3500.01	80	76.99
3500.01	90	86.55
3500.01	100	96.31
QPSK		
3500.01	10	8.57
3500.01	15	12.83
3500.01	20	17.89
3500.01	25	23.18
3500.01	30	26.80
3500.01	40	35.69
3500.01	50	45.73
3500.01	60	57.86
3500.01	70	64.21
3500.01	80	77.09
3500.01	90	86.63
3500.01	100	96.20

16QAM		
3500.01	10	8.62
3500.01	15	12.90
3500.01	20	17.86
3500.01	25	23.20
3500.01	30	26.78
3500.01	40	35.76
3500.01	50	45.64
3500.01	60	57.74
3500.01	70	64.33
3500.01	80	71.20
3500.01	90	86.61
3500.01	100	96.23
64QAM		
3500.01	10	8.57
3500.01	15	12.87
3500.01	20	17.87
3500.01	25	23.20
3500.01	30	26.76
3500.01	40	35.69
3500.01	50	45.68
3500.01	60	57.78
3500.01	70	64.23
3500.01	80	77.03
3500.01	90	86.74
3500.01	100	96.44

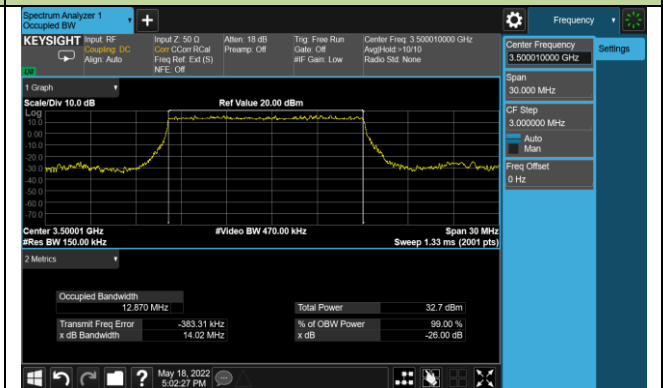
256QAM		
3500.01	10	8.60
3500.01	15	12.83
3500.01	20	17.83
3500.01	25	23.22
3500.01	30	26.80
3500.01	40	35.68
3500.01	50	45.67
3500.01	60	57.77
3500.01	70	64.26
3500.01	80	77.01
3500.01	90	86.69
3500.01	100	96.22

99% Bandwidth - PI/2 BPSK

10MHz Channel Bandwidth



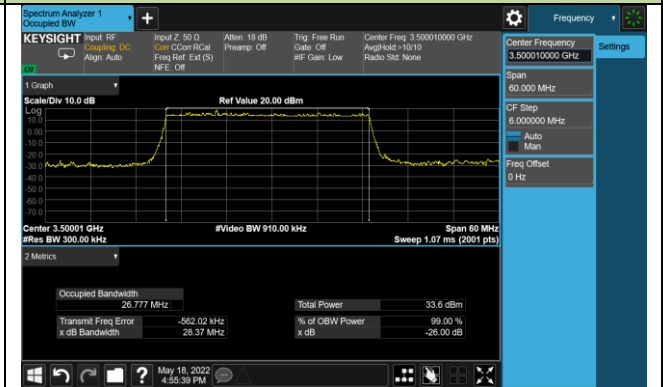
15MHz Channel Bandwidth



20MHz Channel Bandwidth



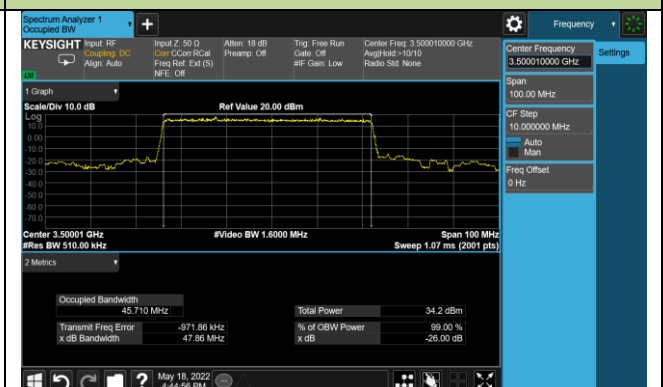
30MHz Channel Bandwidth



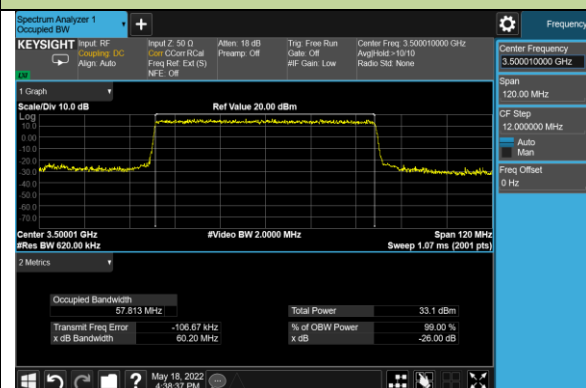
40MHz Channel Bandwidth



50MHz Channel Bandwidth



60MHz Channel Bandwidth



70MHz Channel Bandwidth

