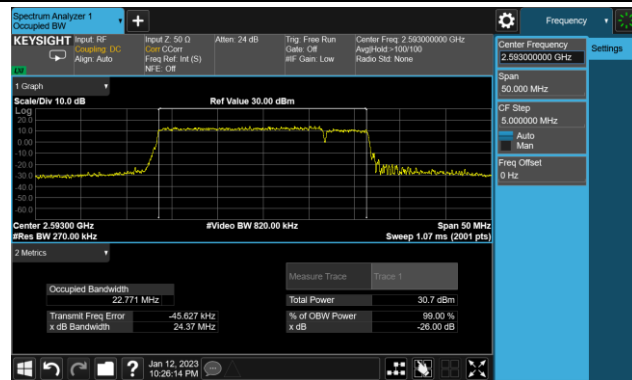
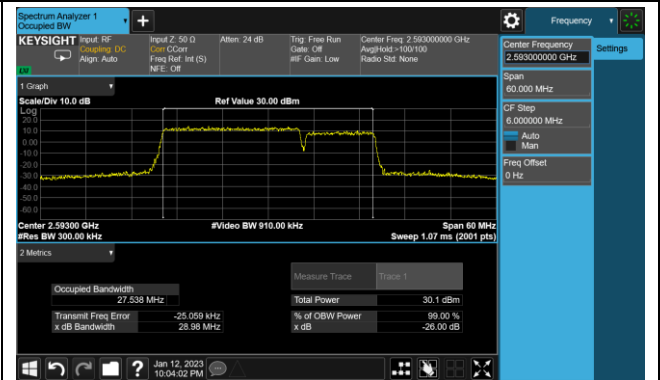


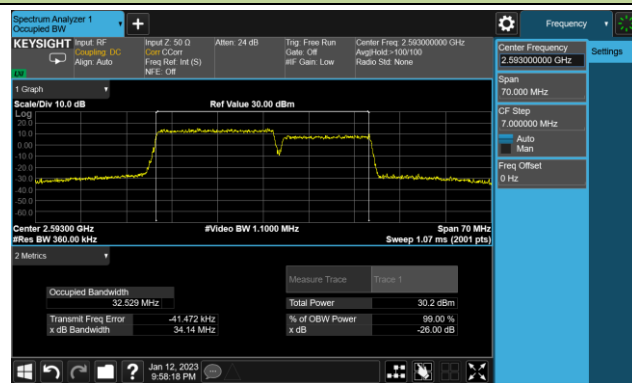
20+5MHz Channel Bandwidth



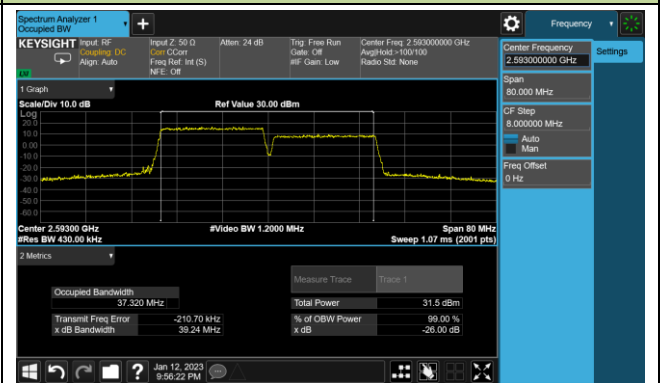
20+10MHz Channel Bandwidth



20+15MHz Channel Bandwidth

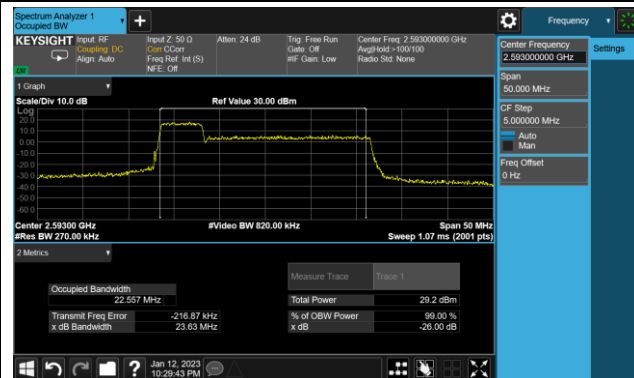


20+20MHz Channel Bandwidth

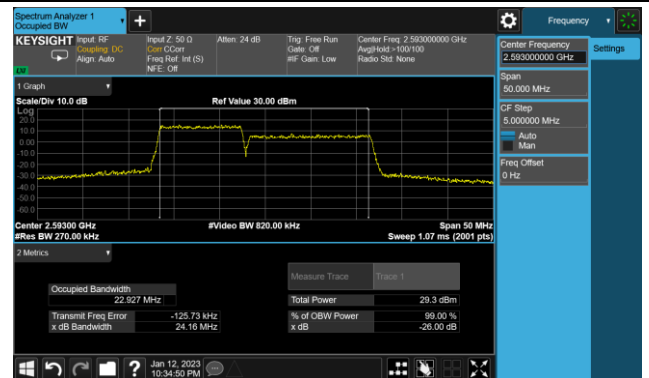


99% Bandwidth - 16QAM

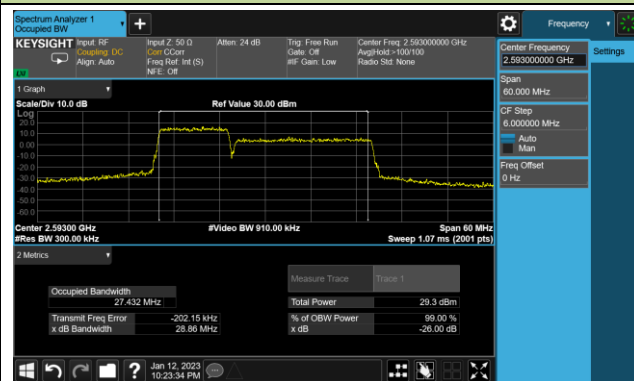
5+20MHz Channel Bandwidth



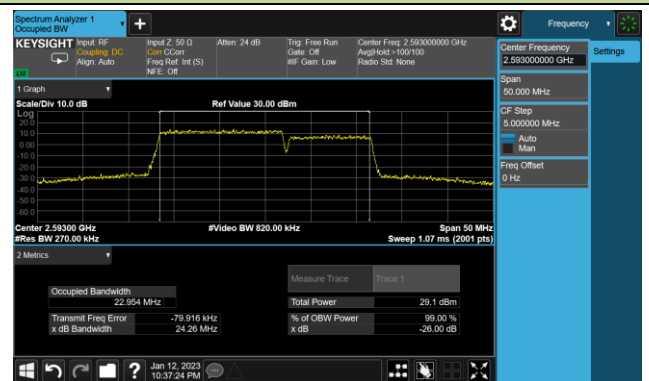
10+15MHz Channel Bandwidth



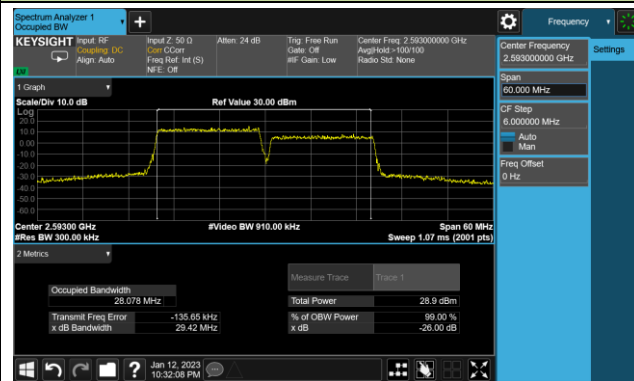
10+20MHz Channel Bandwidth



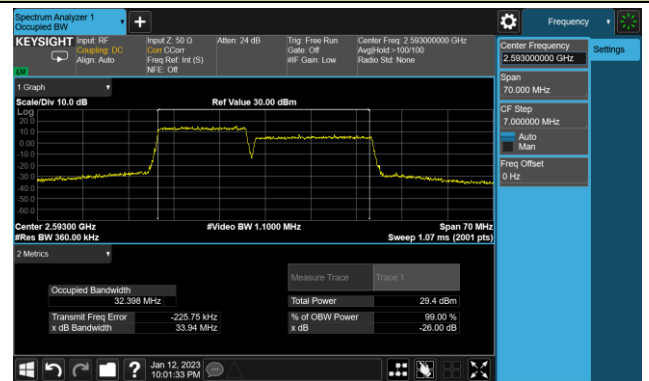
15+10MHz Channel Bandwidth



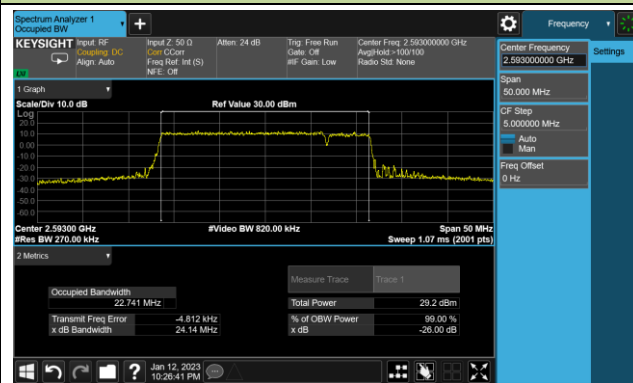
15+15MHz Channel Bandwidth



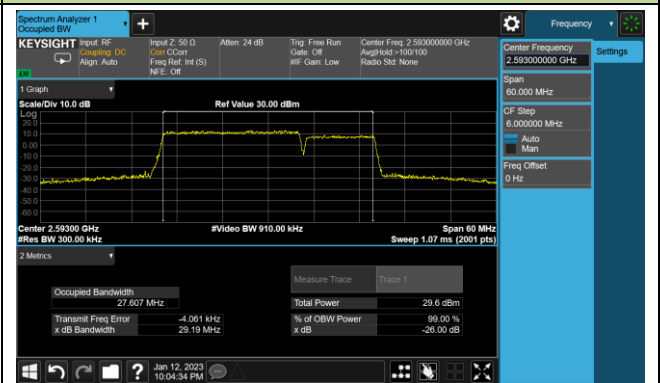
15+20MHz Channel Bandwidth



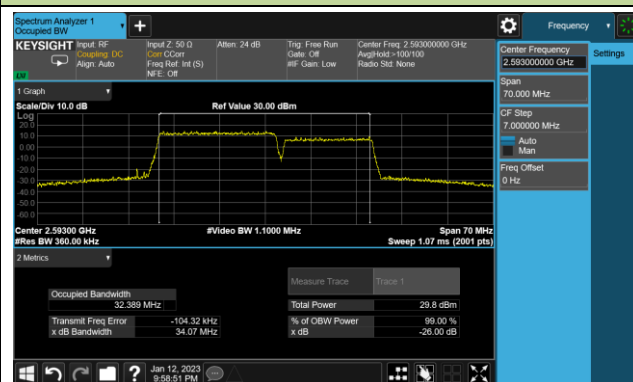
20+5MHz Channel Bandwidth



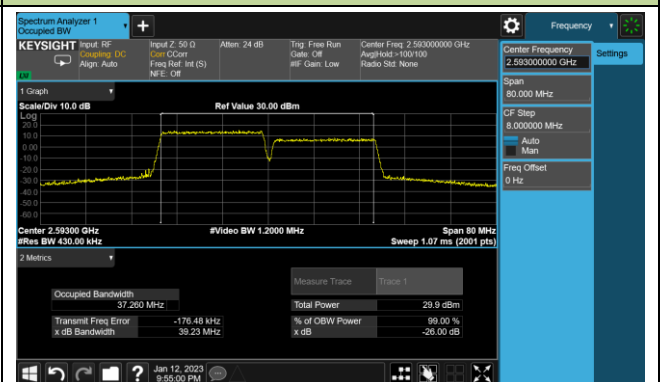
20+10MHz Channel Bandwidth



20+15MHz Channel Bandwidth

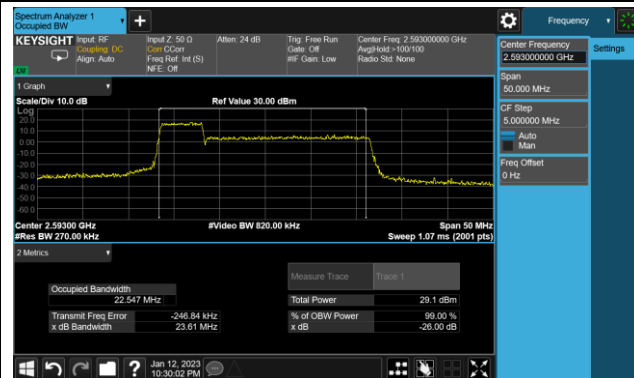


20+20MHz Channel Bandwidth

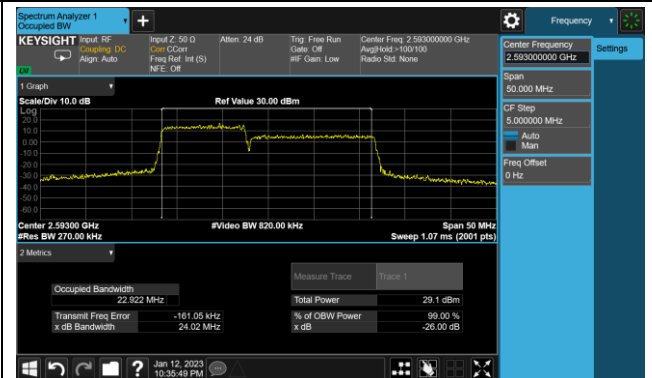


99% Bandwidth - 64QAM

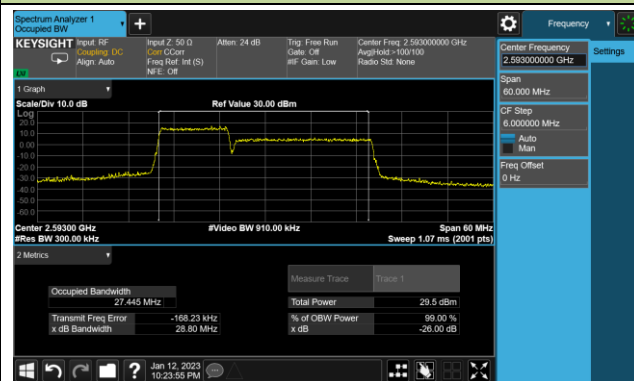
5+20MHz Channel Bandwidth



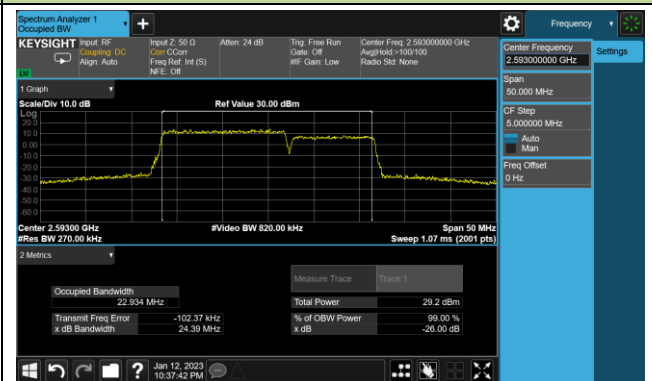
10+15MHz Channel Bandwidth



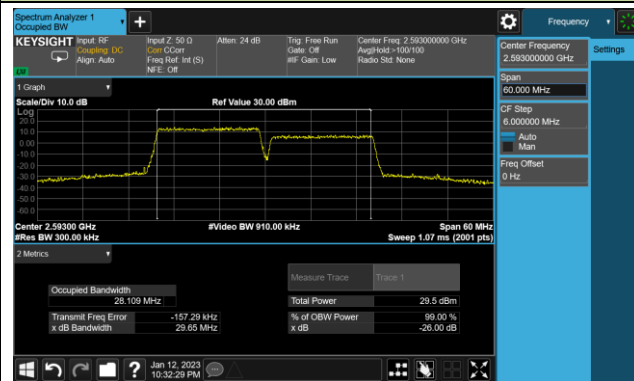
10+20MHz Channel Bandwidth



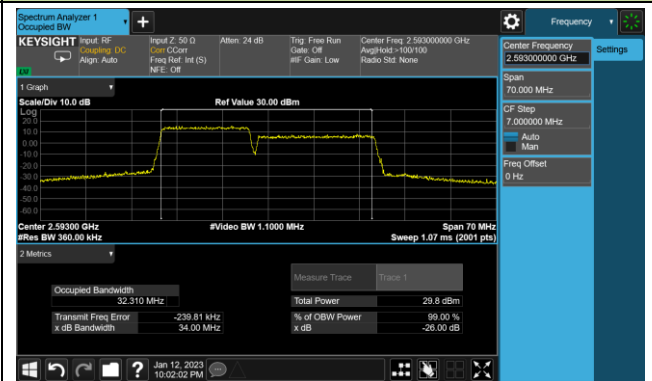
15+10MHz Channel Bandwidth



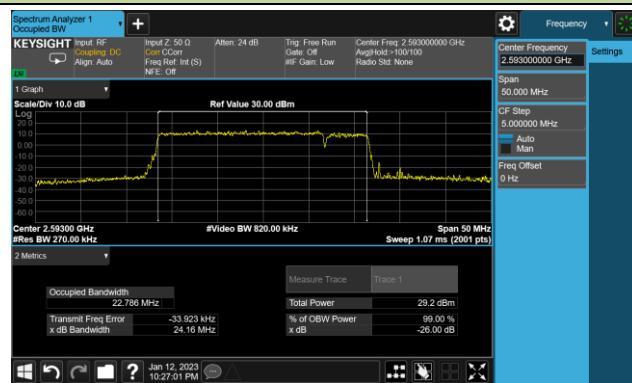
15+15MHz Channel Bandwidth



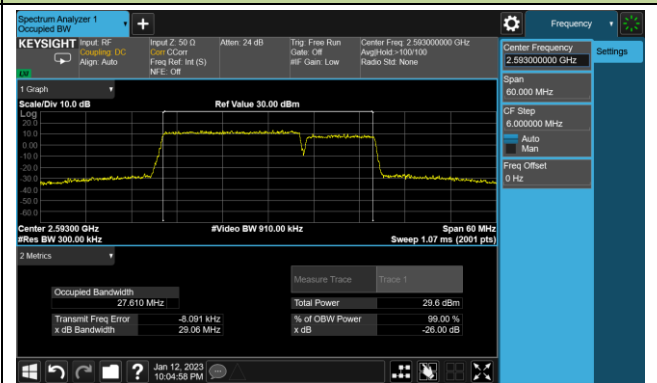
15+20MHz Channel Bandwidth



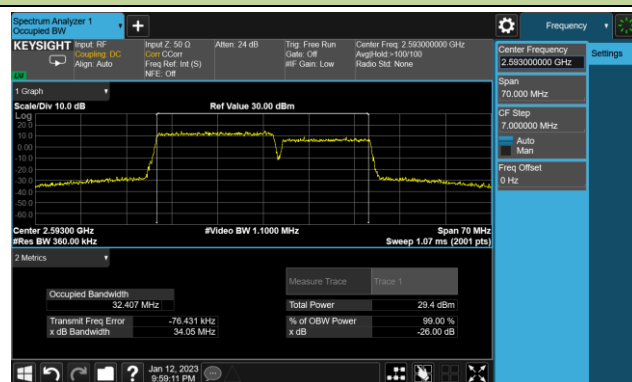
20+5MHz Channel Bandwidth



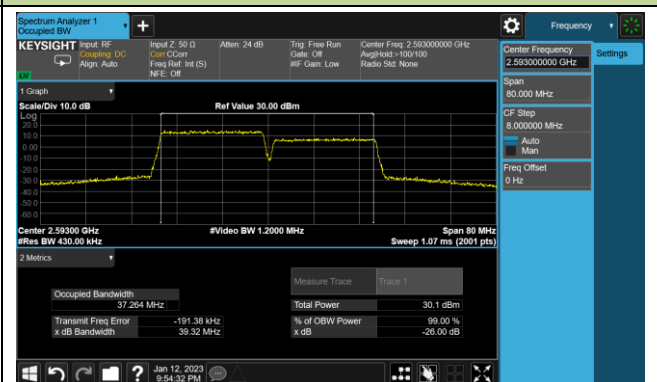
20+10MHz Channel Bandwidth



20+15MHz Channel Bandwidth

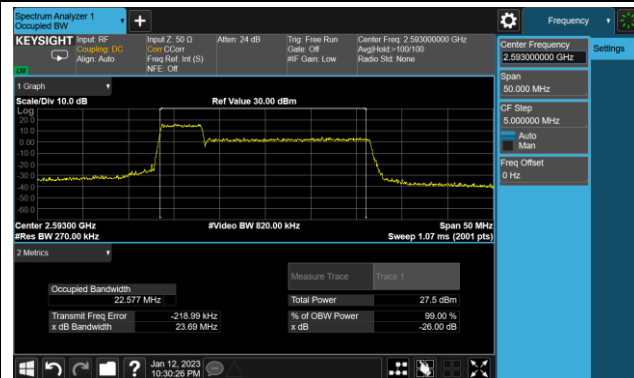


20+20MHz Channel Bandwidth

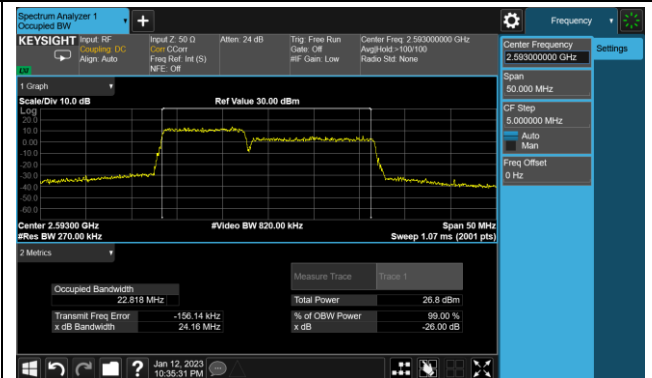


99% Bandwidth - 256QAM

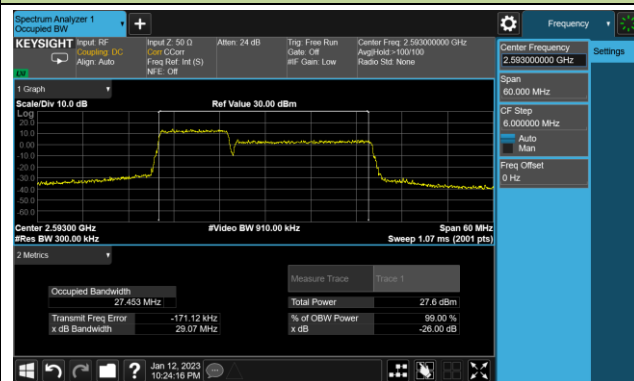
5+20MHz Channel Bandwidth



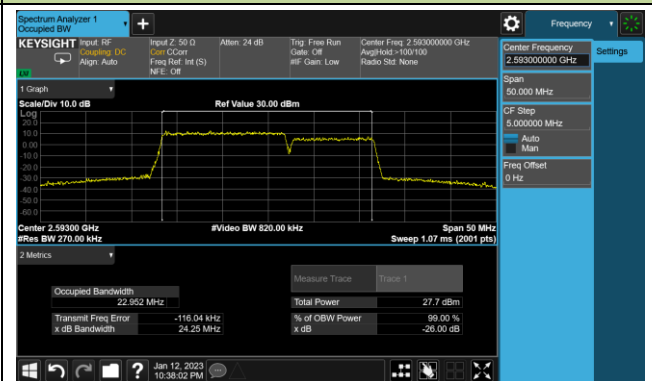
10+15MHz Channel Bandwidth



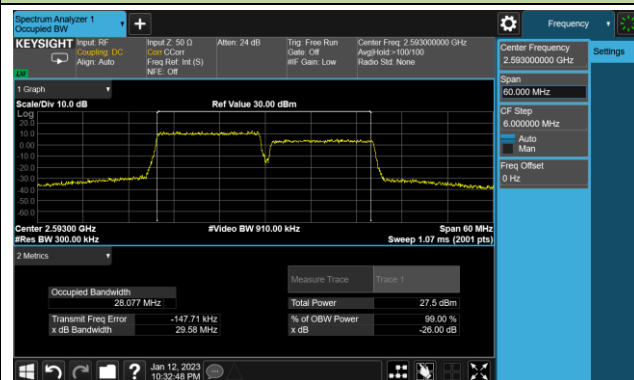
10+20MHz Channel Bandwidth



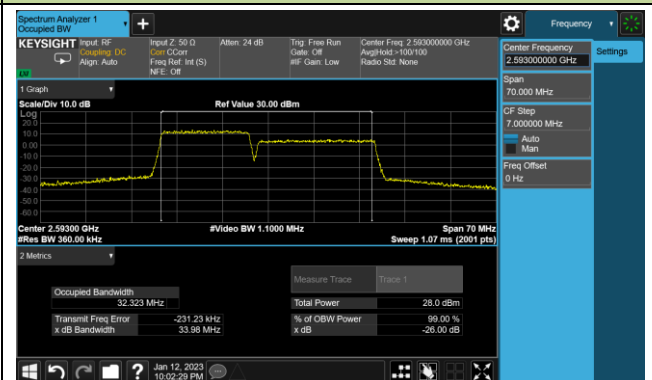
15+10MHz Channel Bandwidth



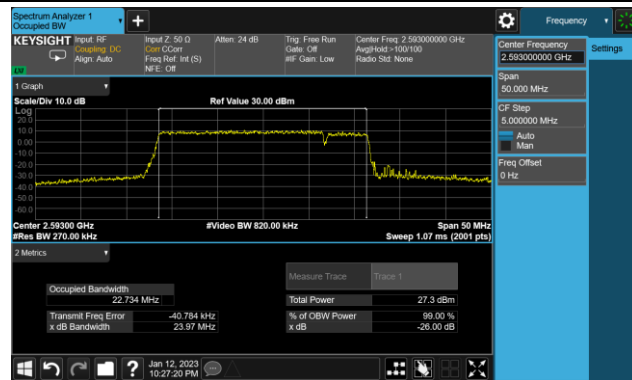
15+15MHz Channel Bandwidth



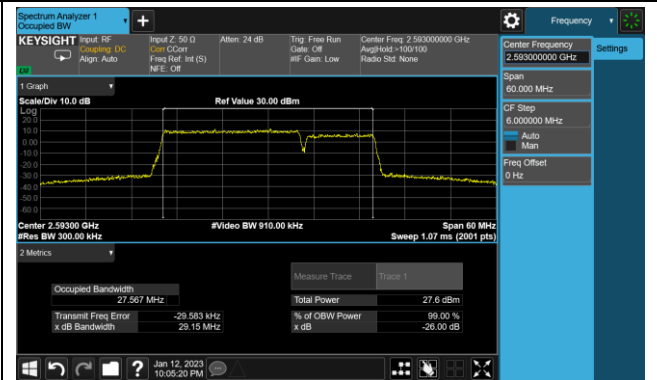
15+20MHz Channel Bandwidth



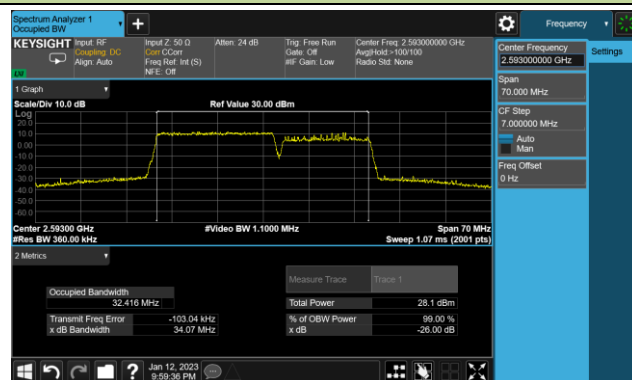
20+5MHz Channel Bandwidth



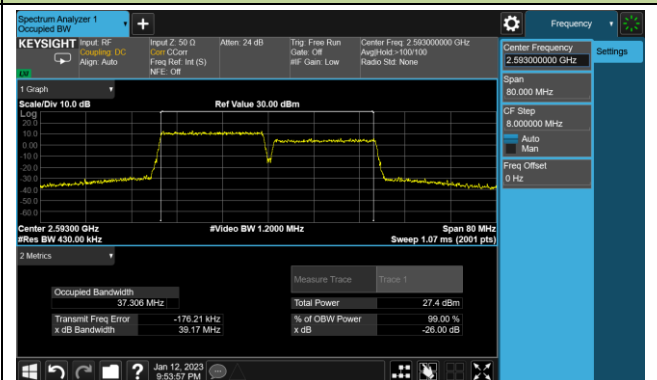
20+10MHz Channel Bandwidth



20+15MHz Channel Bandwidth



20+20MHz Channel Bandwidth

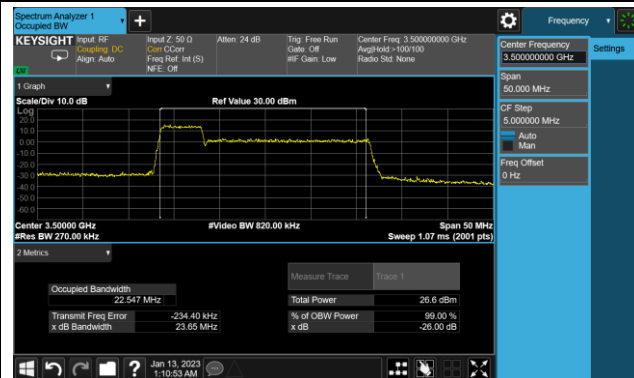


Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2023-01-13	Test Band	Intra-Band CA_42C

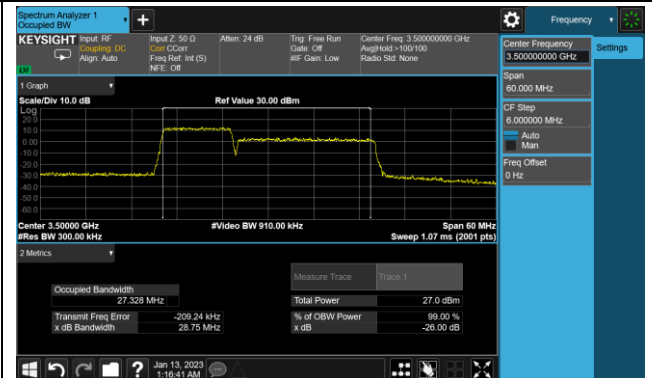
Modulation	Frequency (MHz)	Bandwidth (MHz)	99% Bandwidth (MHz)
QPSK	3490.8 + 3502.5	5+20	22.547
	3490.6 + 3505.0	10+20	27.328
	3490.3 + 3507.4	15+20	32.274
	3495.5 + 3509.2	20+5	22.659
	3495.1 + 3509.5	20+10	27.592
	3492.6 + 3509.7	20+15	32.415
	3490.1 + 3509.9	20+20	37.173
16QAM	3490.8 + 3502.5	5+20	22.510
	3490.6 + 3505.0	10+20	27.352
	3490.3 + 3507.4	15+20	32.294
	3495.5 + 3509.2	20+5	22.676
	3495.1 + 3509.5	20+10	27.503
	3492.6 + 3509.7	20+15	32.469
	3490.1 + 3509.9	20+20	37.197
64QAM	3490.8 + 3502.5	5+20	22.504
	3490.6 + 3505.0	10+20	27.380
	3490.3 + 3507.4	15+20	32.281
	3495.5 + 3509.2	20+5	22.682
	3495.1 + 3509.5	20+10	27.573
	3492.6 + 3509.7	20+15	32.344
	3490.1 + 3509.9	20+20	37.072
256QAM	3490.8 + 3502.5	5+20	22.410
	3490.6 + 3505.0	10+20	27.323
	3490.3 + 3507.4	15+20	32.301
	3495.5 + 3509.2	20+5	22.711
	3495.1 + 3509.5	20+10	27.532
	3492.6 + 3509.7	20+15	32.389
	3490.1 + 3509.9	20+20	37.218

99% Bandwidth - QPSK

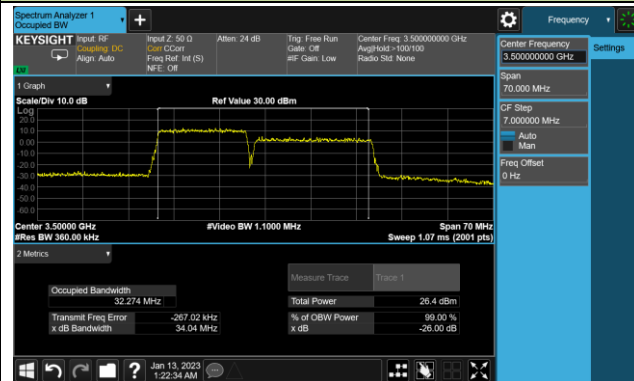
5+20MHz Channel Bandwidth



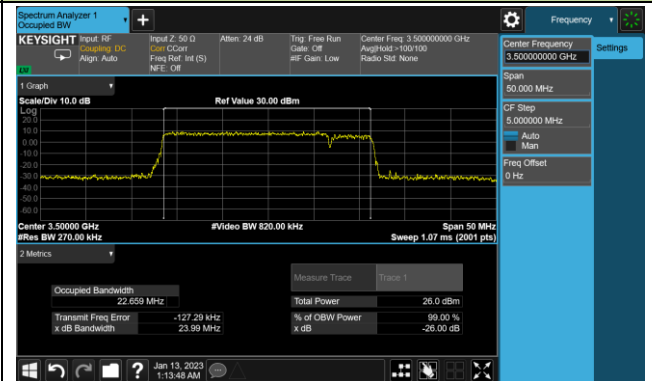
10+20MHz Channel Bandwidth



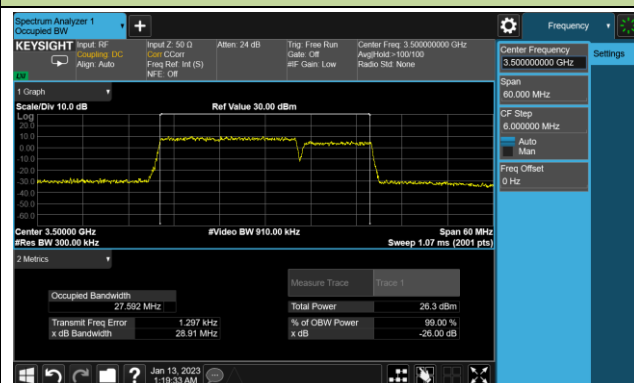
15+20MHz Channel Bandwidth



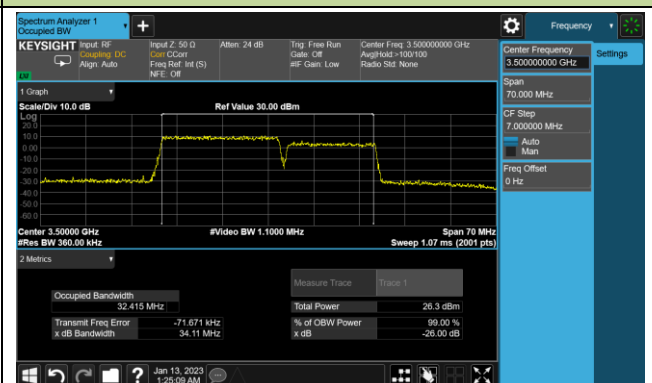
20+5MHz Channel Bandwidth



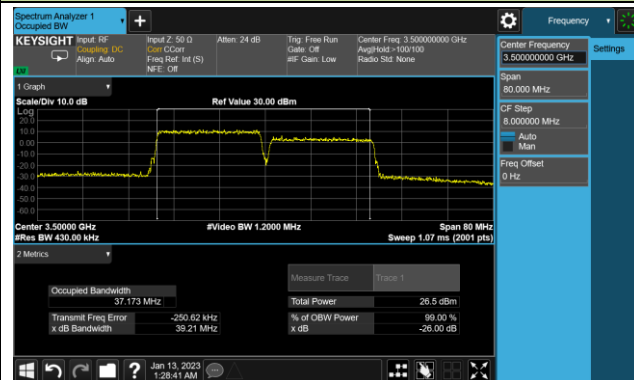
20+10MHz Channel Bandwidth



20+15MHz Channel Bandwidth

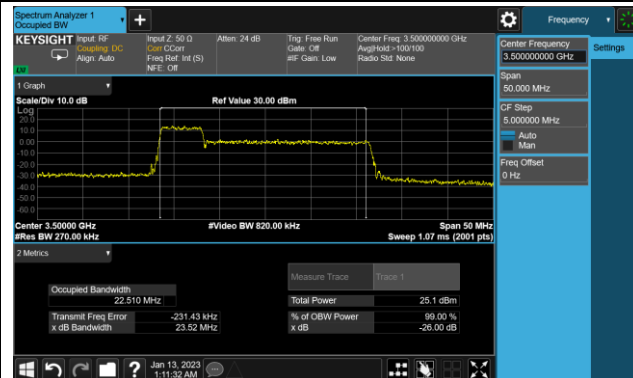


20+20MHz Channel Bandwidth

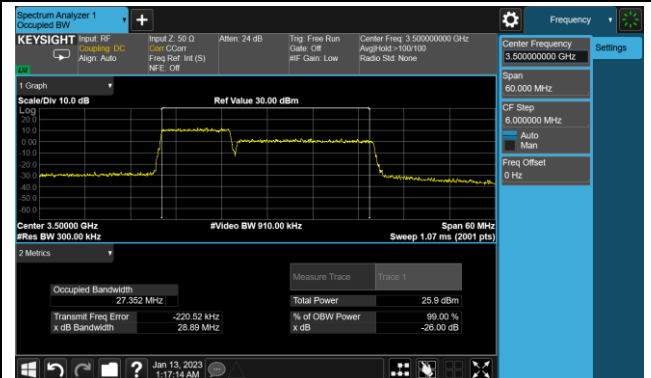


99% Bandwidth - 16QAM

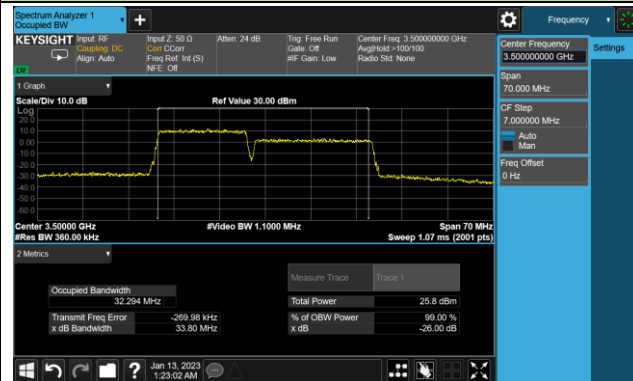
5+20MHz Channel Bandwidth



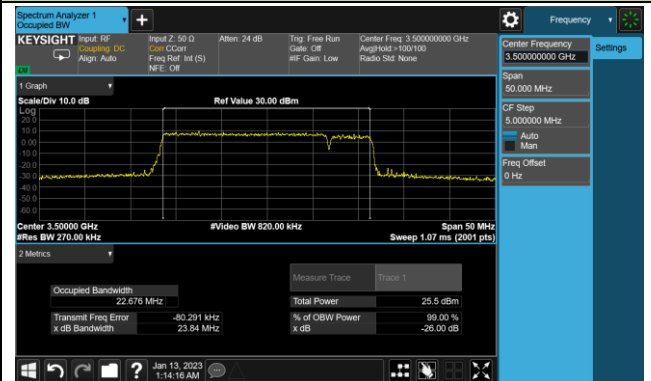
10+20MHz Channel Bandwidth



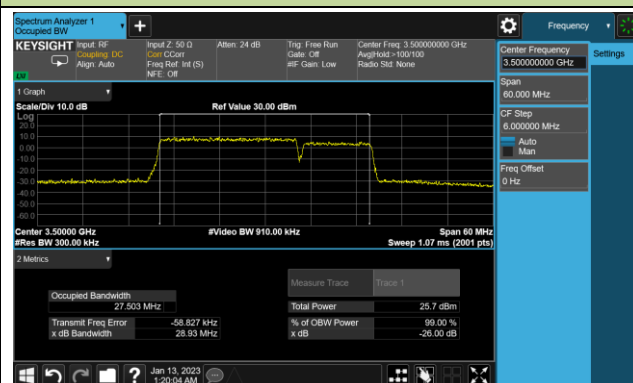
15+20MHz Channel Bandwidth



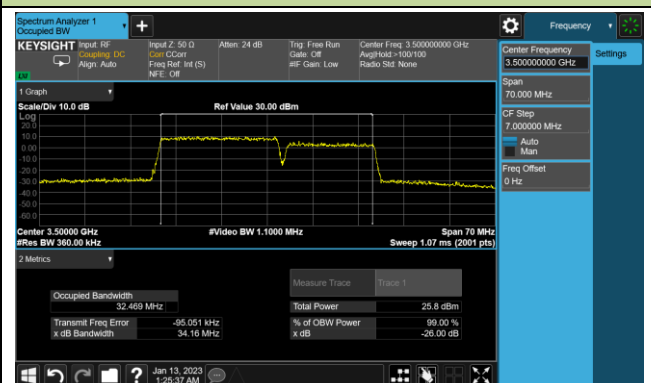
20+5MHz Channel Bandwidth



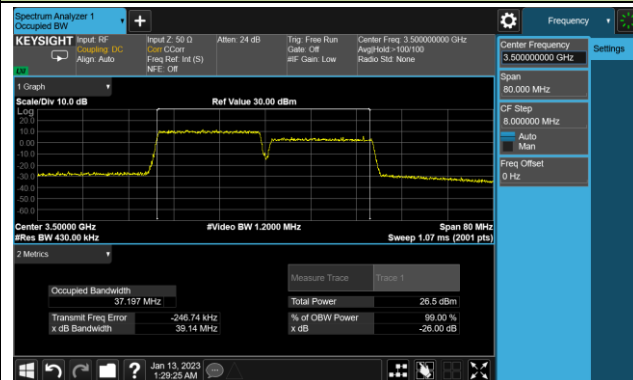
20+10MHz Channel Bandwidth



20+15MHz Channel Bandwidth

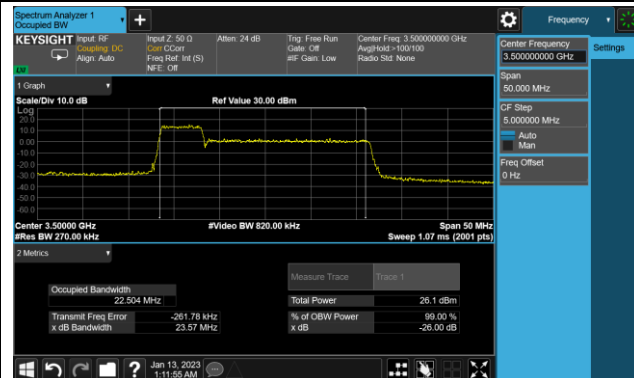


20+20MHz Channel Bandwidth

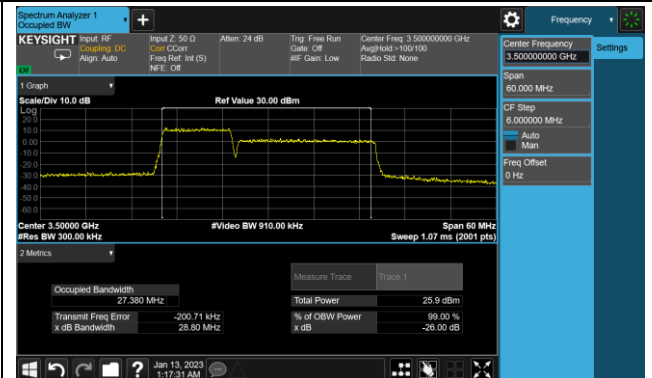


99% Bandwidth - 64QAM

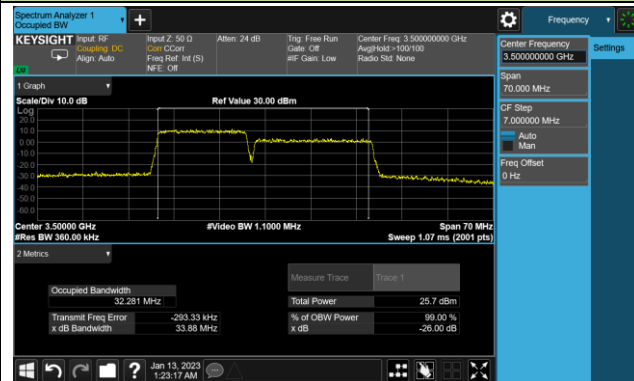
5+20MHz Channel Bandwidth



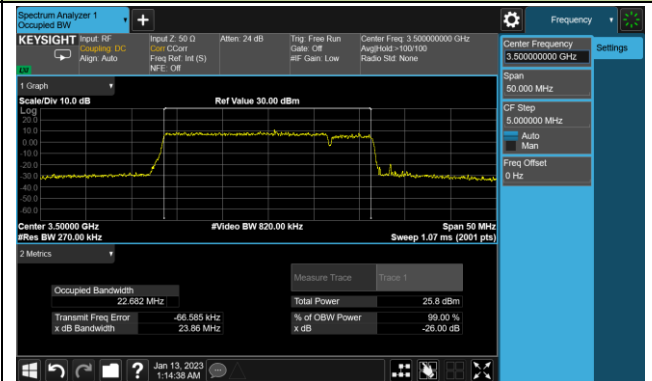
10+20MHz Channel Bandwidth



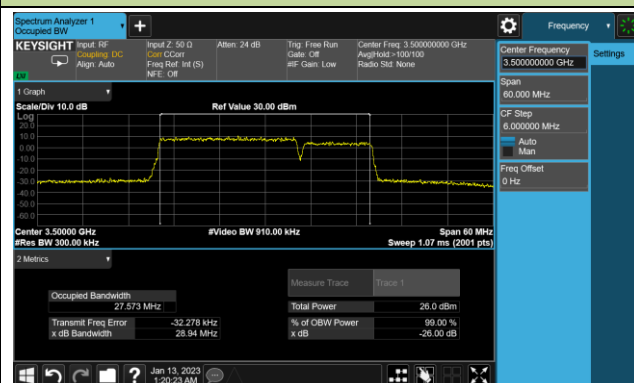
15+20MHz Channel Bandwidth



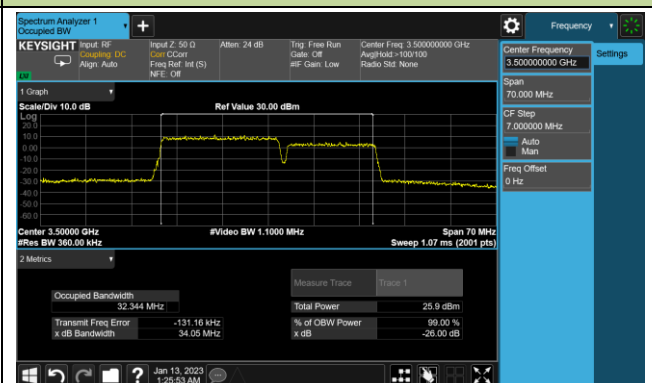
20+5MHz Channel Bandwidth



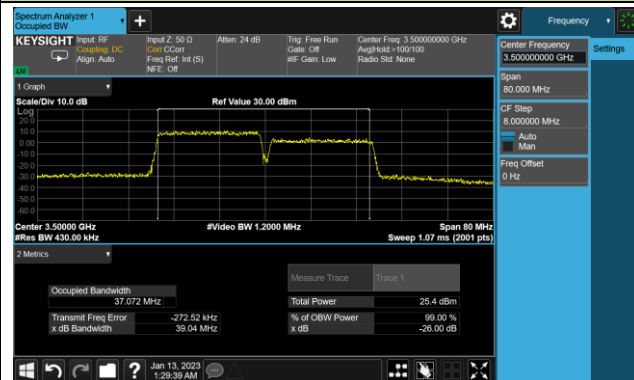
20+10MHz Channel Bandwidth



20+15MHz Channel Bandwidth

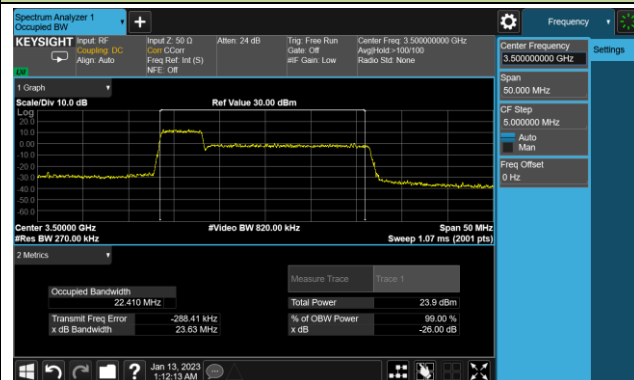


20+20MHz Channel Bandwidth

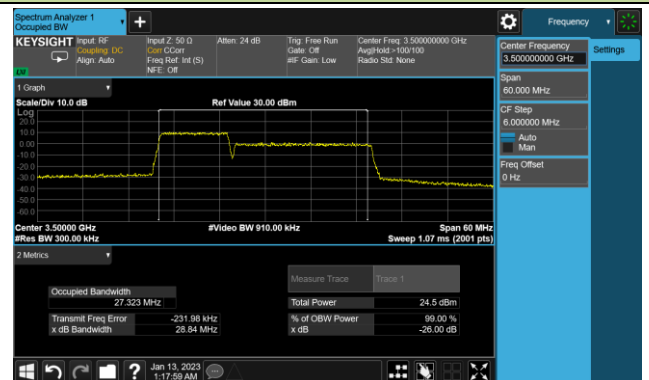


99% Bandwidth - 256QAM

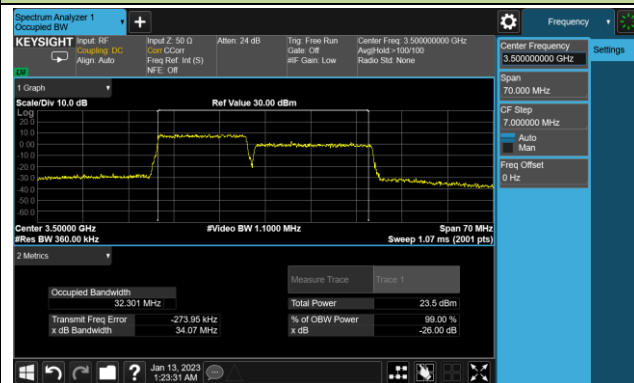
5+20MHz Channel Bandwidth



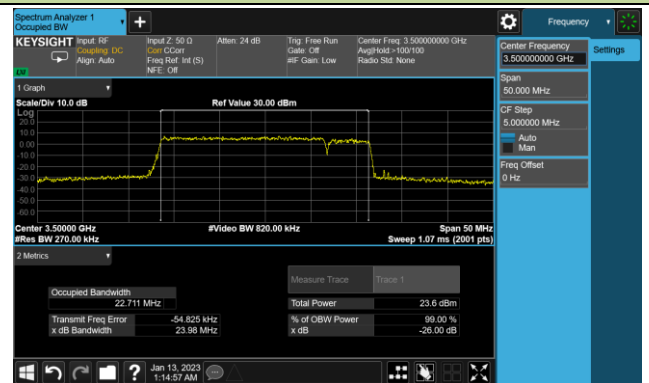
10+20MHz Channel Bandwidth



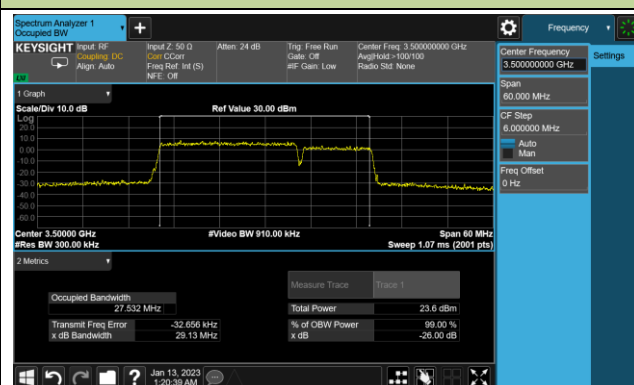
15+20MHz Channel Bandwidth



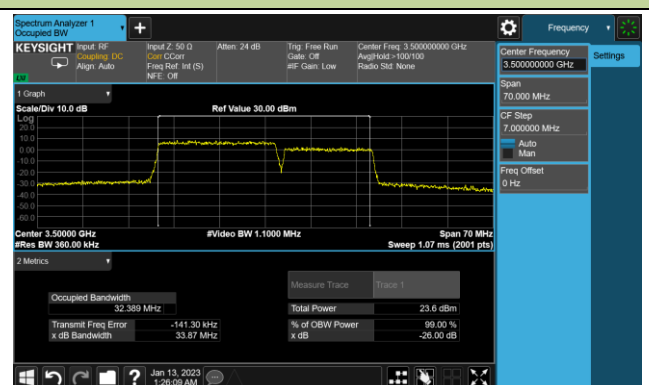
20+5MHz Channel Bandwidth



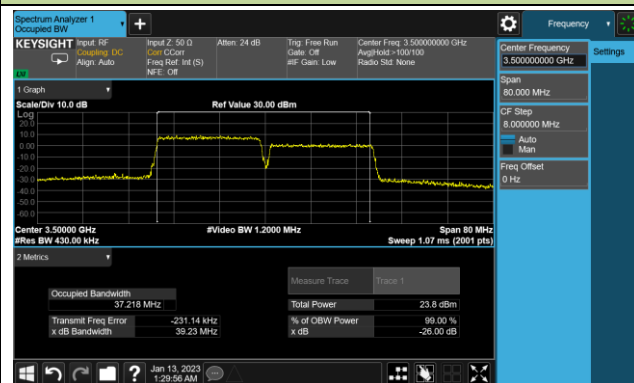
20+10MHz Channel Bandwidth



20+15MHz Channel Bandwidth



20+20MHz Channel Bandwidth



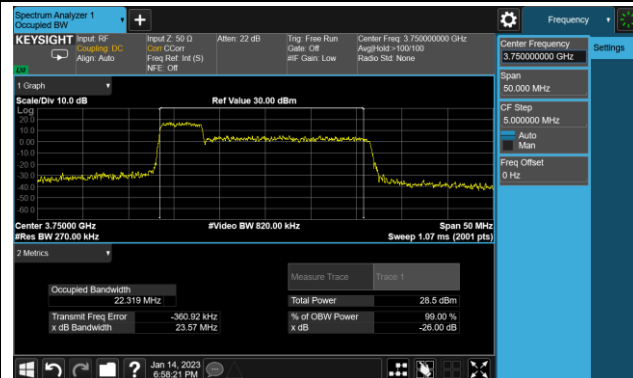
Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2023-01-13~2023-01-14	Test Band	Intra-Band CA_43C

Modulation	Frequency (MHz)	Bandwidth (MHz)	99% Bandwidth (MHz)
QPSK	3740.8 + 3752.5	5+20	22.319
	3742.9 + 3754.9	10+15	22.872
	3740.6 + 3755.0	10+20	27.201
	3745.1 + 3757.1	15+10	22.942
	3742.5 + 2600.5	15+15	28.020
	3740.3 + 3757.4	15+20	32.291
	3747.5 + 3759.2	20+5	22.724
	3745.1 + 3759.5	20+10	27.525
	3742.6 + 3759.7	20+15	32.404
	3740.1 + 3759.9	20+20	37.320
16QAM	3740.8 + 3752.5	5+20	22.447
	3742.9 + 3754.9	10+15	22.892
	3740.6 + 3755.0	10+20	27.446
	3745.1 + 3757.1	15+10	22.905
	3742.5 + 2600.5	15+15	28.129
	3740.3 + 3757.4	15+20	32.263
	3747.5 + 3759.2	20+5	22.776
	3745.1 + 3759.5	20+10	27.532
	3742.6 + 3759.7	20+15	32.384
	3740.1 + 3759.9	20+20	37.190
64QAM	3740.8 + 3752.5	5+20	22.528
	3742.9 + 3754.9	10+15	22.872
	3740.6 + 3755.0	10+20	27.426
	3745.1 + 3757.1	15+10	22.900
	3742.5 + 2600.5	15+15	28.042
	3740.3 + 3757.4	15+20	32.392
	3747.5 + 3759.2	20+5	22.762
	3745.1 + 3759.5	20+10	27.618
	3742.6 + 3759.7	20+15	32.367
	3740.1 + 3759.9	20+20	37.137

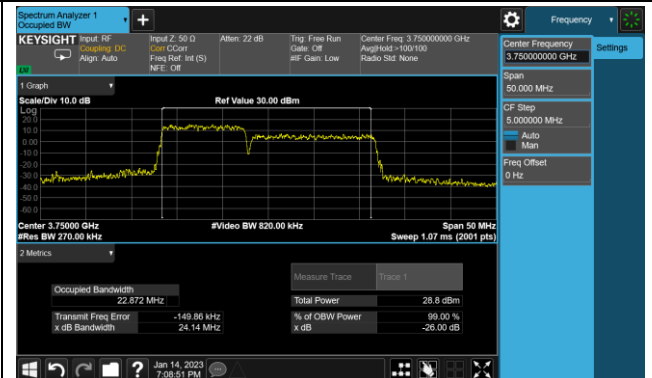
Modulation	Frequency (MHz)	Bandwidth (MHz)	99% Bandwidth (MHz)
256QAM	3740.8 + 3752.5	5+20	22.479
	3742.9 + 3754.9	10+15	22.822
	3740.6 + 3755.0	10+20	27.360
	3745.1 + 3757.1	15+10	22.939
	3742.5 + 2600.5	15+15	28.058
	3740.3 + 3757.4	15+20	32.134
	3747.5 + 3759.2	20+5	22.712
	3745.1 + 3759.5	20+10	27.555
	3742.6 + 3759.7	20+15	32.300
	3740.1 + 3759.9	20+20	37.062

99% Bandwidth - QPSK

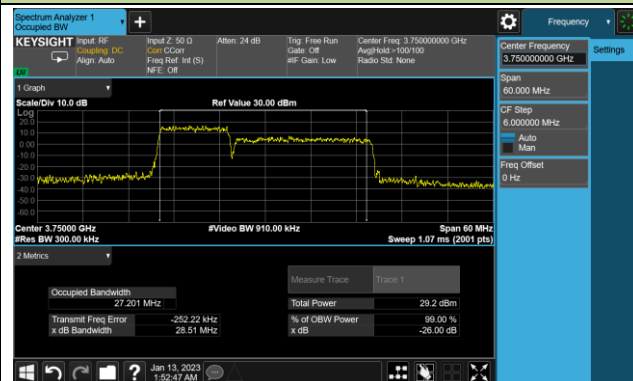
5+20MHz Channel Bandwidth



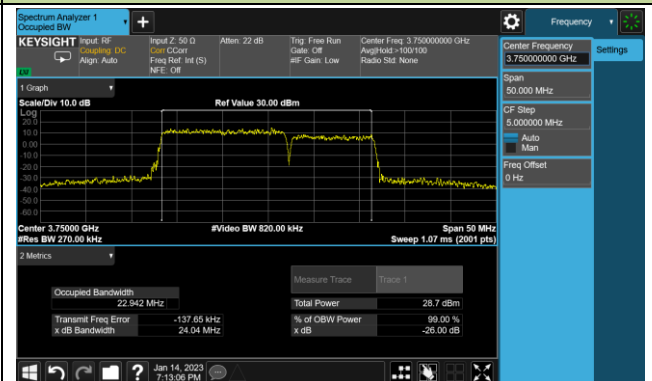
10+15MHz Channel Bandwidth



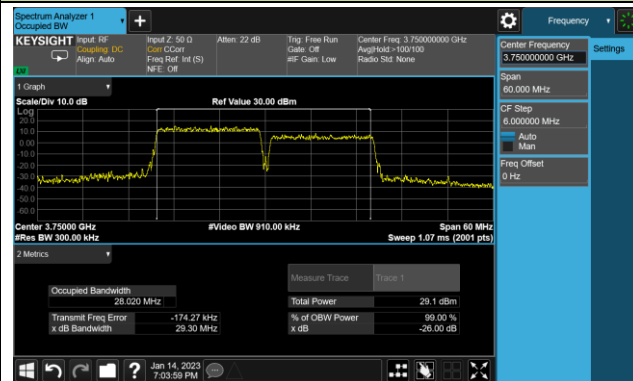
10+20MHz Channel Bandwidth



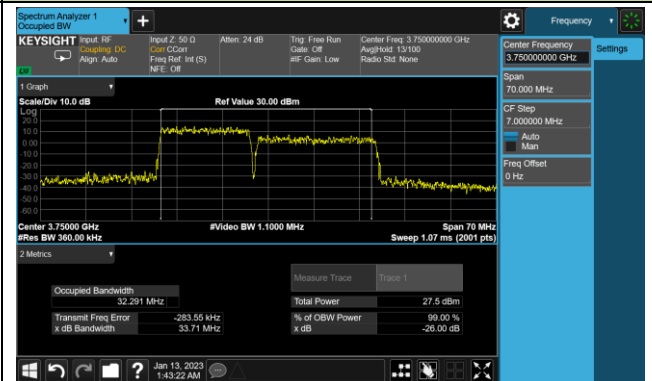
15+10MHz Channel Bandwidth

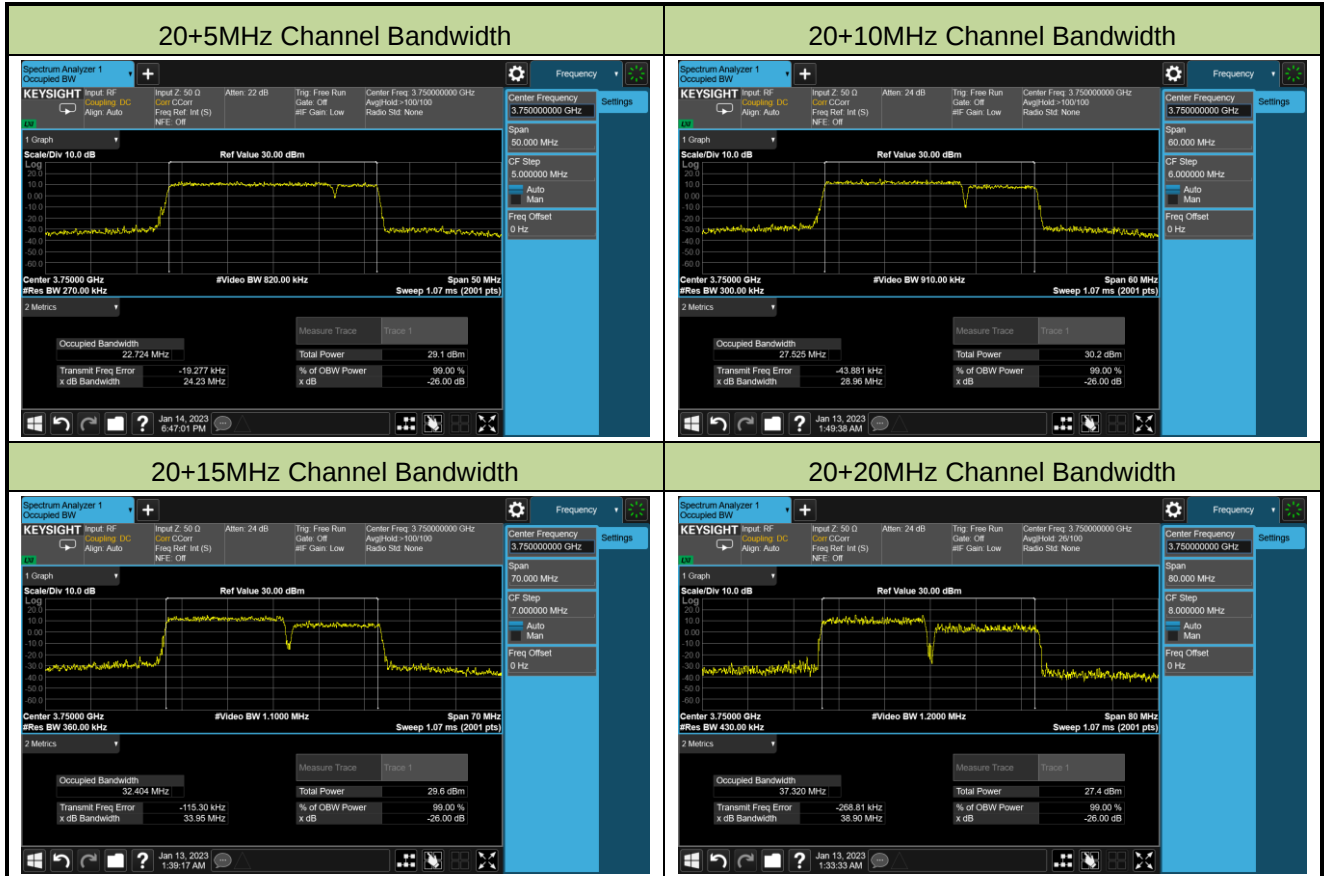


15+15MHz Channel Bandwidth



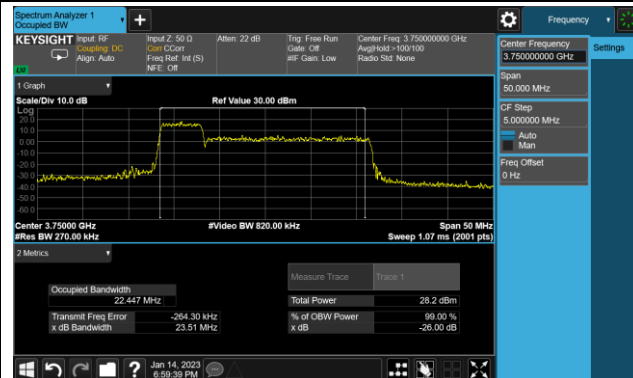
15+20MHz Channel Bandwidth



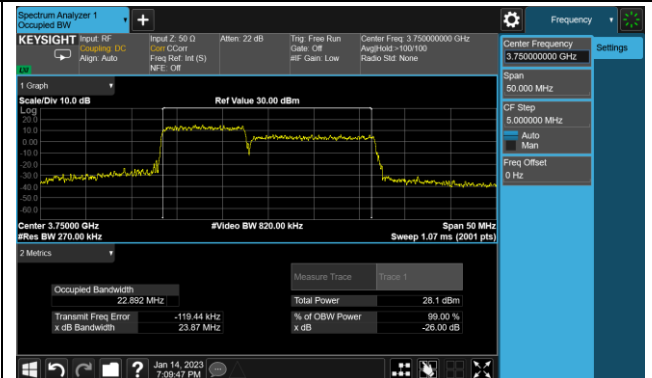


99% Bandwidth - 16QAM

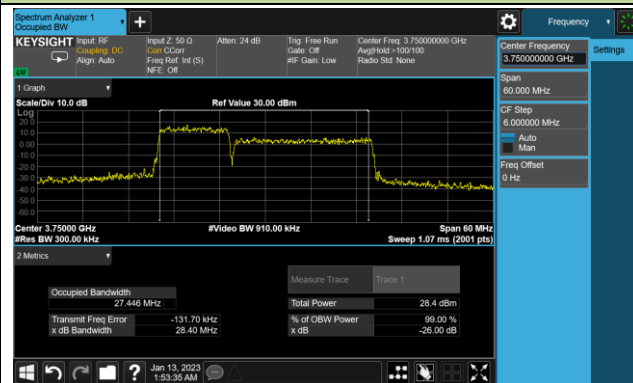
5+20MHz Channel Bandwidth



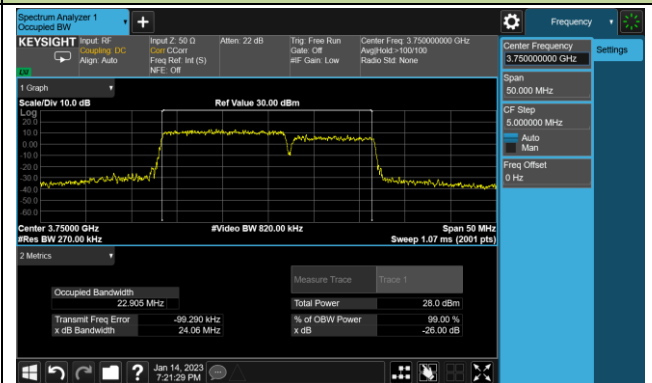
10+15MHz Channel Bandwidth



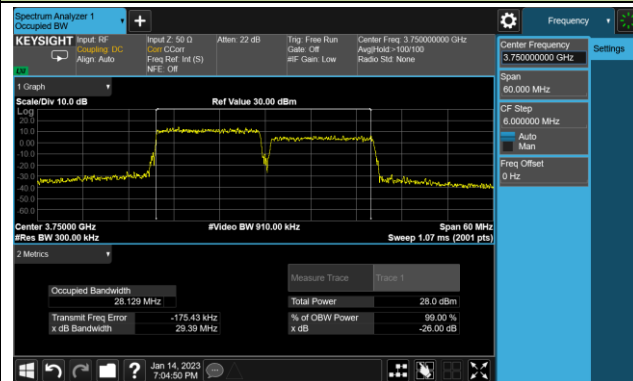
10+20MHz Channel Bandwidth



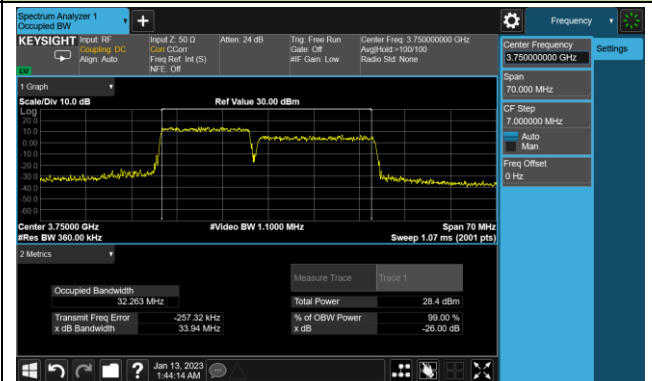
15+10MHz Channel Bandwidth

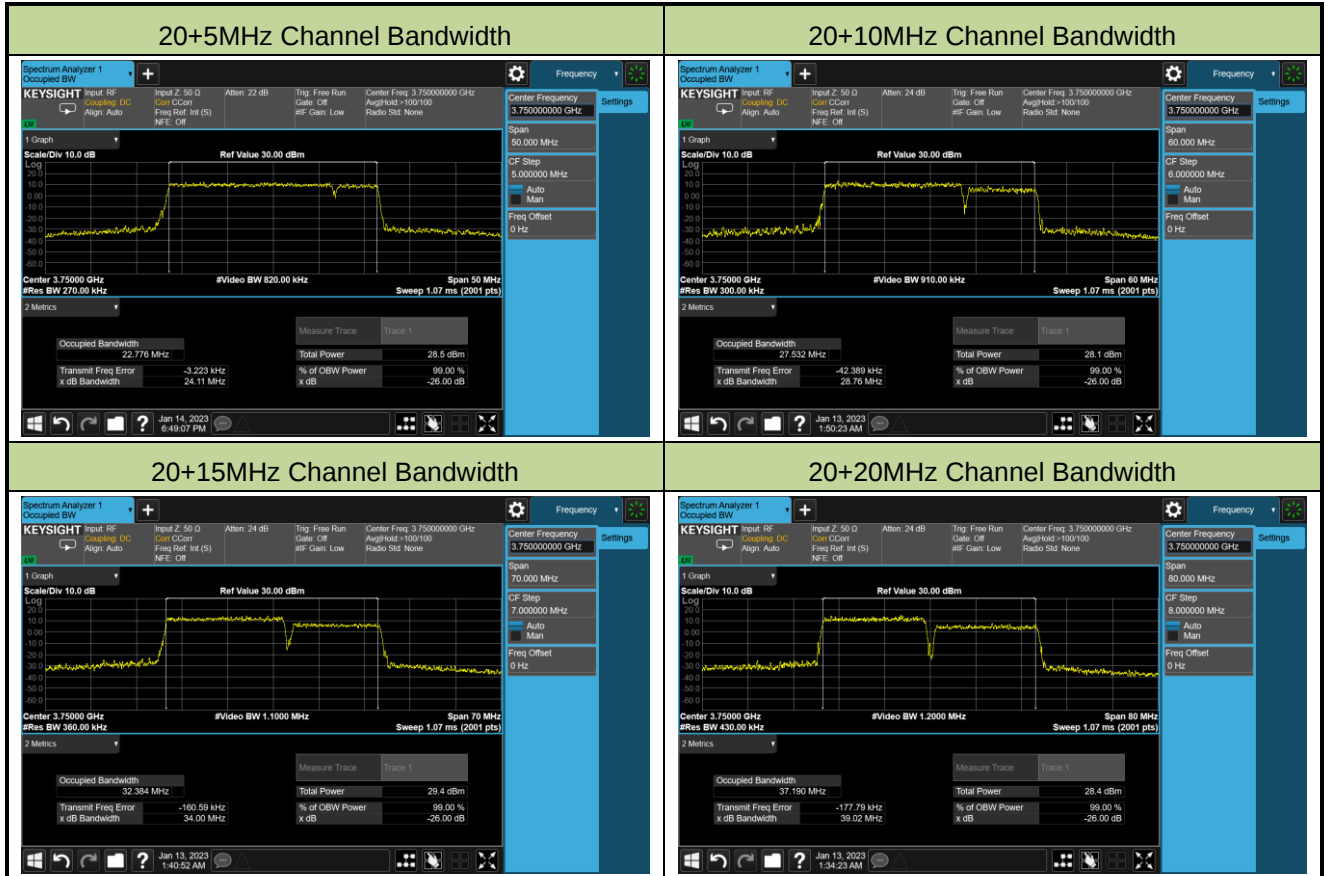


15+15MHz Channel Bandwidth



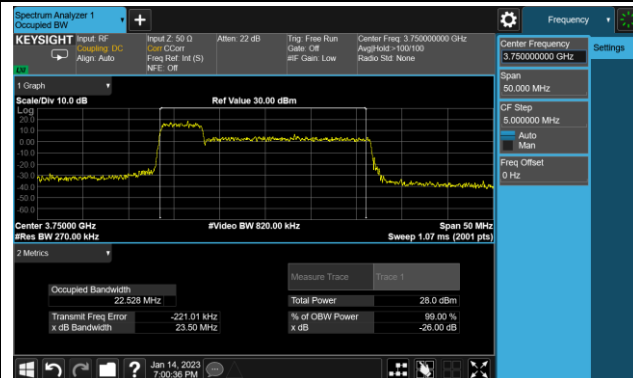
15+20MHz Channel Bandwidth



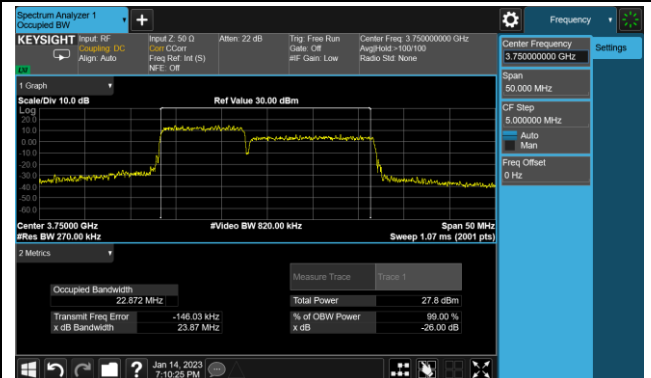


99% Bandwidth - 64QAM

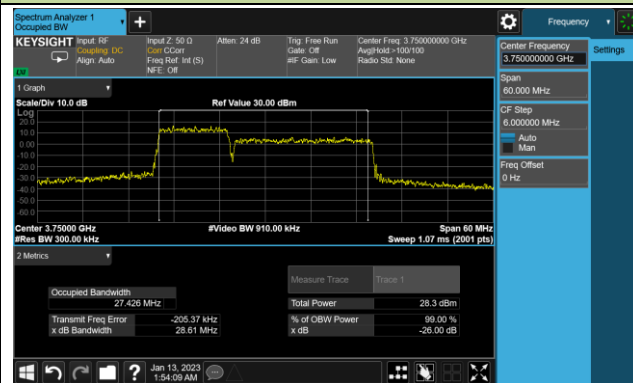
5+20MHz Channel Bandwidth



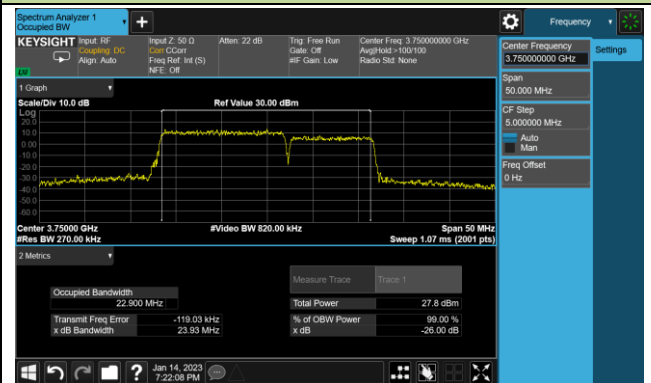
10+15MHz Channel Bandwidth



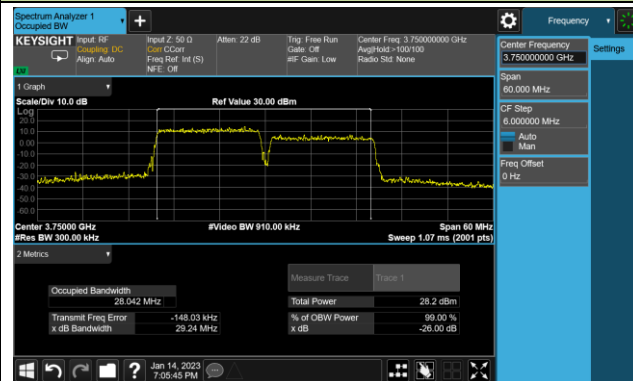
10+20MHz Channel Bandwidth



15+10MHz Channel Bandwidth



15+15MHz Channel Bandwidth



15+20MHz Channel Bandwidth

