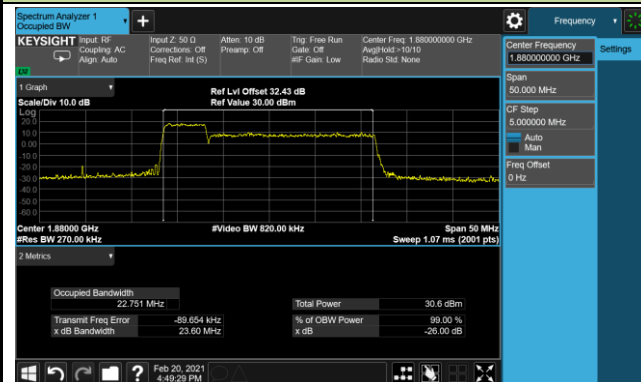
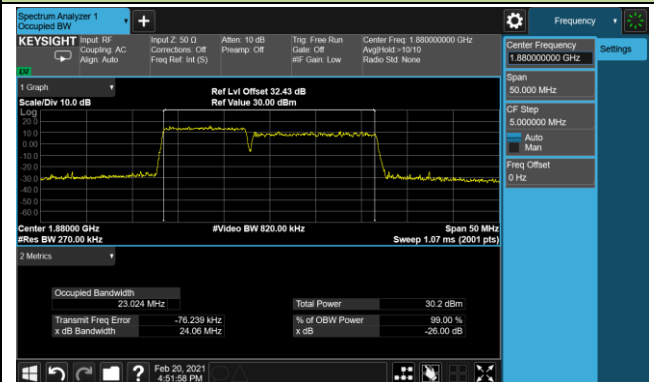


99% Bandwidth - 64QAM

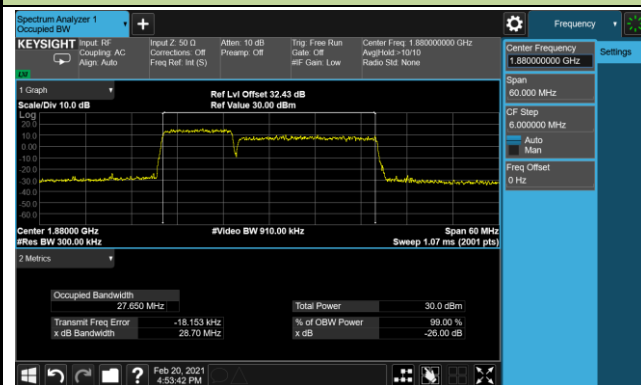
5+20MHz Channel Bandwidth



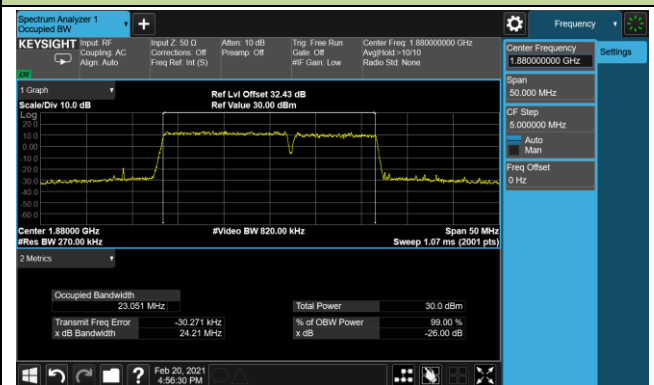
10+15MHz Channel Bandwidth



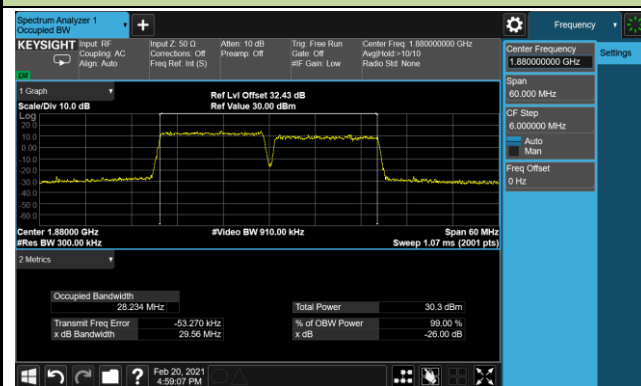
10+20MHz Channel Bandwidth



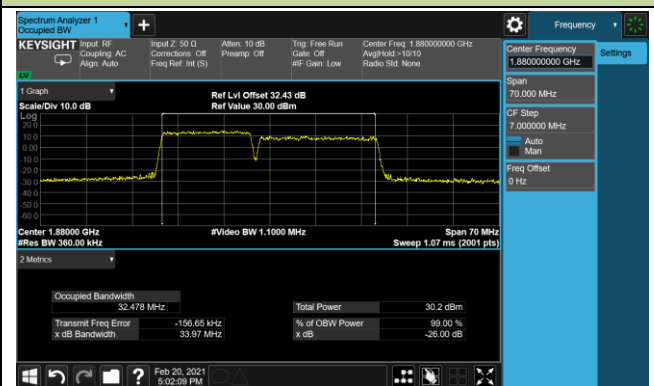
15+10MHz Channel Bandwidth



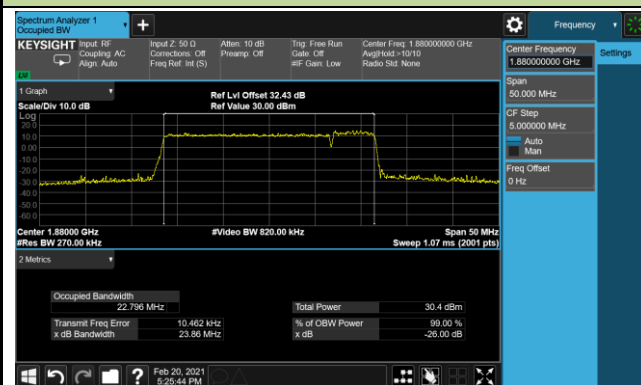
15+15MHz Channel Bandwidth



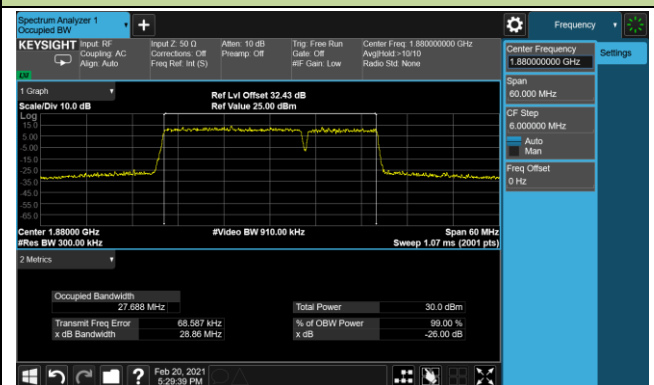
15+20MHz Channel Bandwidth

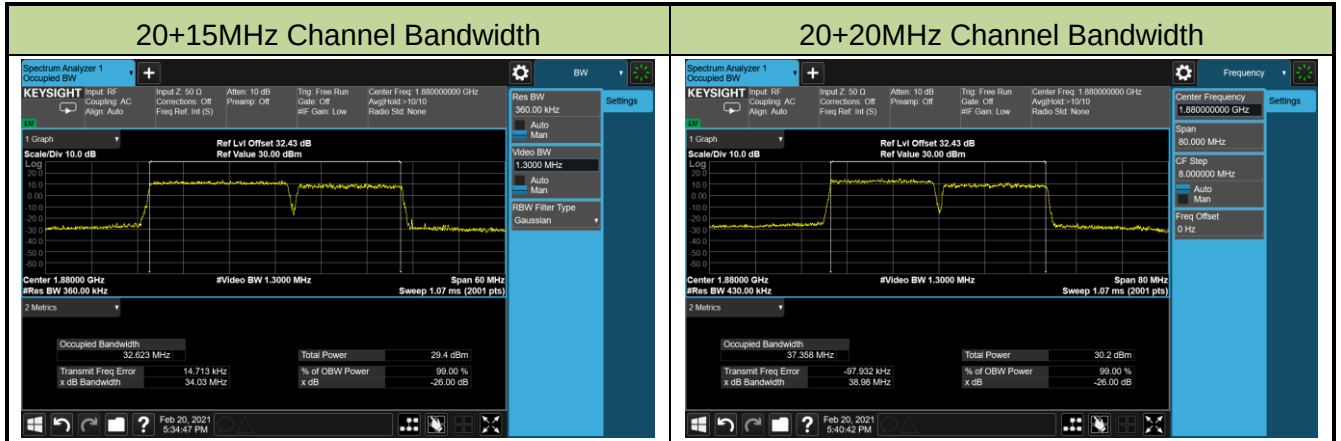


20+5MHz Channel Bandwidth



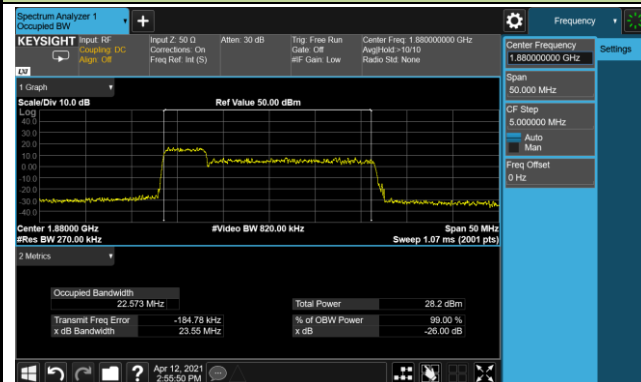
20+10MHz Channel Bandwidth



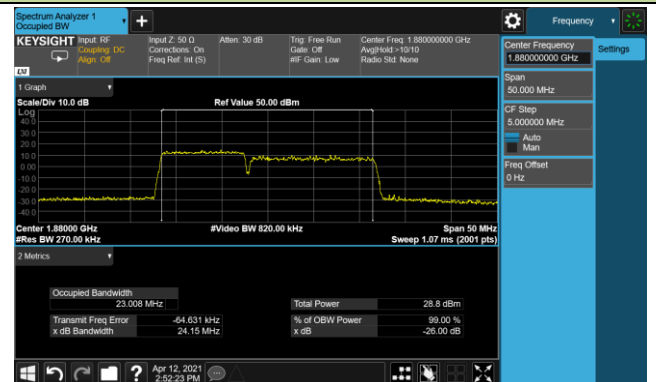


99% Bandwidth - 256QAM

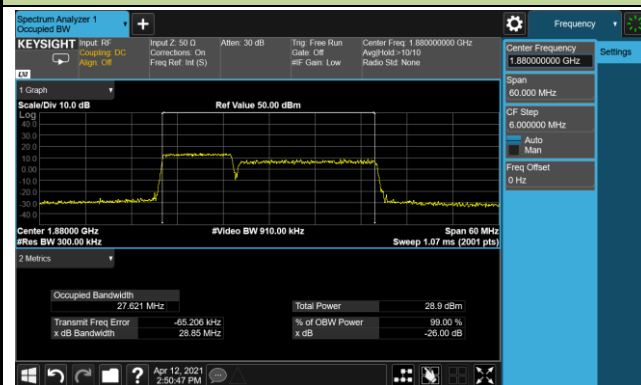
5+20MHz Channel Bandwidth



10+15MHz Channel Bandwidth



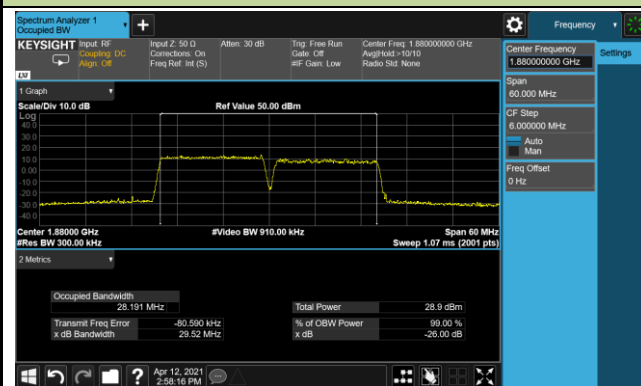
10+20MHz Channel Bandwidth



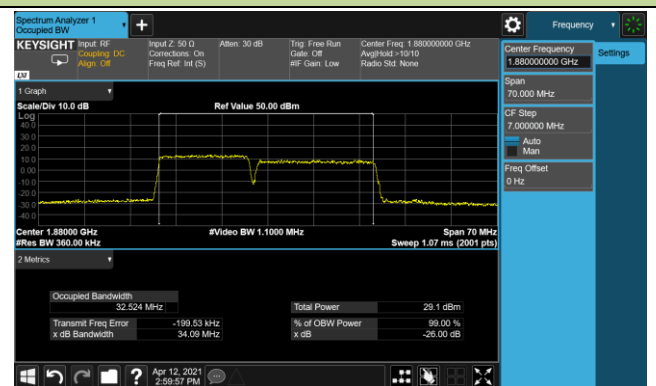
15+10MHz Channel Bandwidth



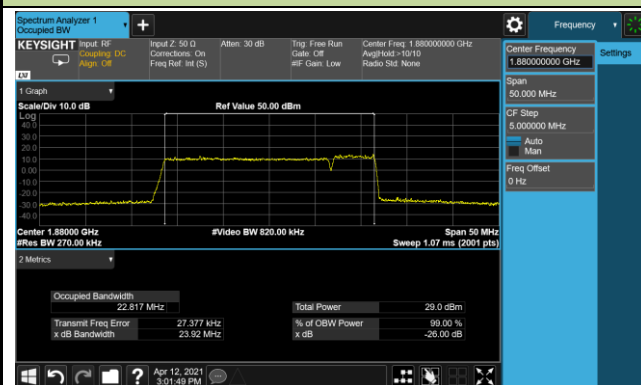
15+15MHz Channel Bandwidth



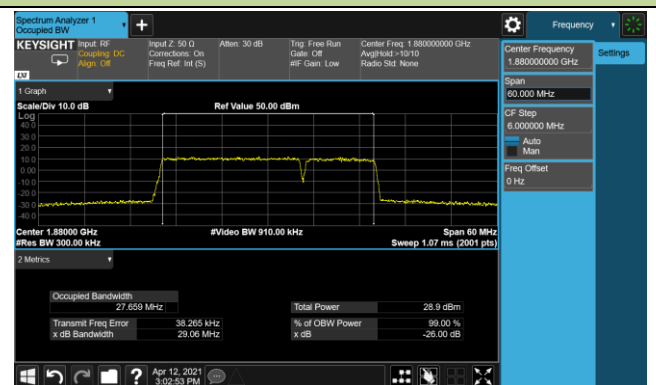
15+20MHz Channel Bandwidth

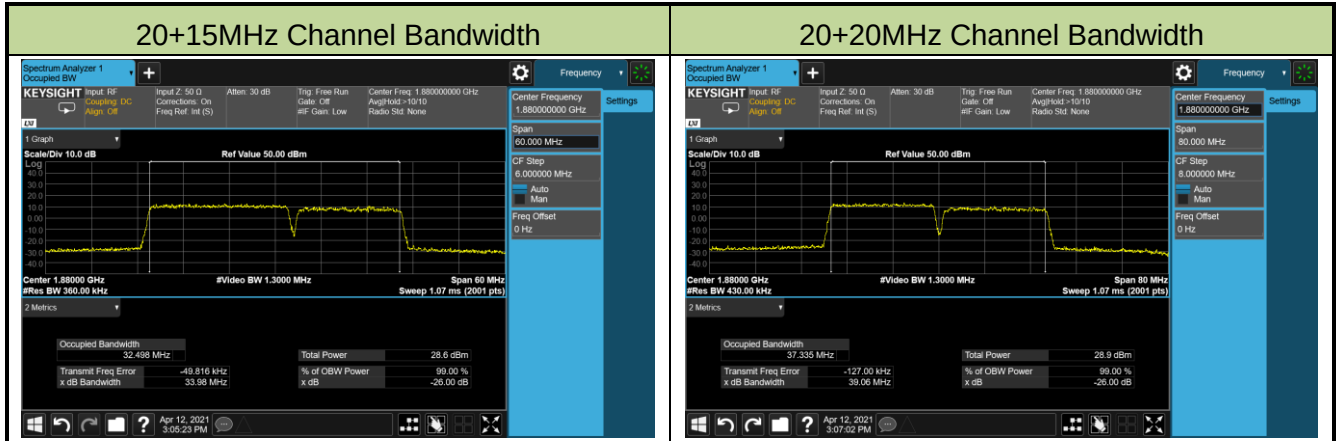


20+5MHz Channel Bandwidth



20+10MHz Channel Bandwidth



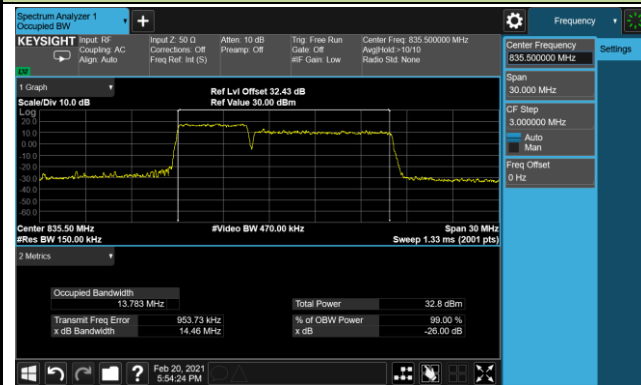


Product	5G Sub-6 GHz M.2 Module	Test Site	SIP-SR6
Test Engineer	Candy Luo	Test Date	2021/04/20
Test Band	Intra-Band CA_5B		

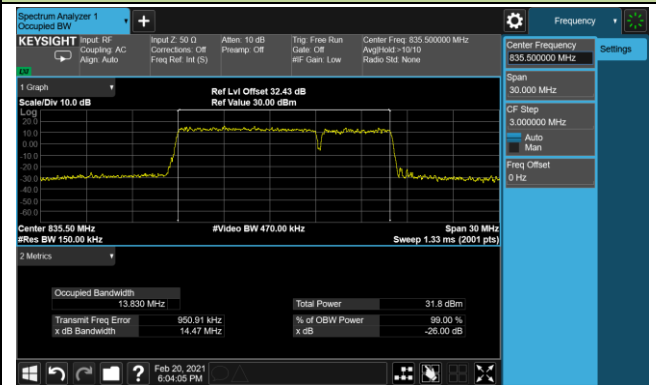
Modulation	Frequency (MHz)	Bandwidth (MHz)	99% Bandwidth (MHz)
QPSK	831.8 + 839.0	5+10	13.78
	834.0 + 841.2	10+5	13.83
	831.6 + 841.5	10+10	18.66
16QAM	831.8 + 839.0	5+10	13.80
	834.0 + 841.2	10+5	13.85
	831.6 + 841.5	10+10	18.62
64QAM	831.8 + 839.0	5+10	13.78
	834.0 + 841.2	10+5	13.85
	831.6 + 841.5	10+10	18.68
256QAM	831.8 + 839.0	5+10	13.81
	834.0 + 841.2	10+5	13.82
	831.6 + 841.5	10+10	18.64

99% Bandwidth - QPSK

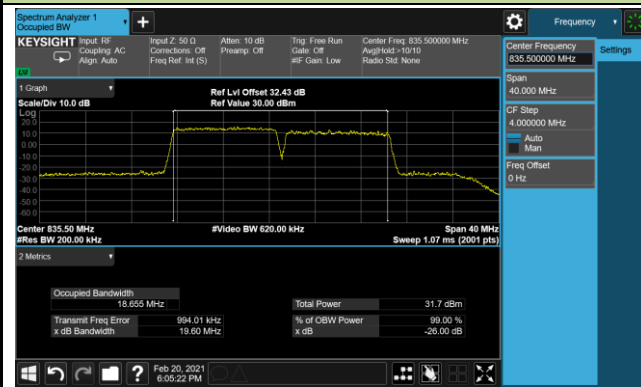
5+10MHz Channel Bandwidth



10+5MHz Channel Bandwidth

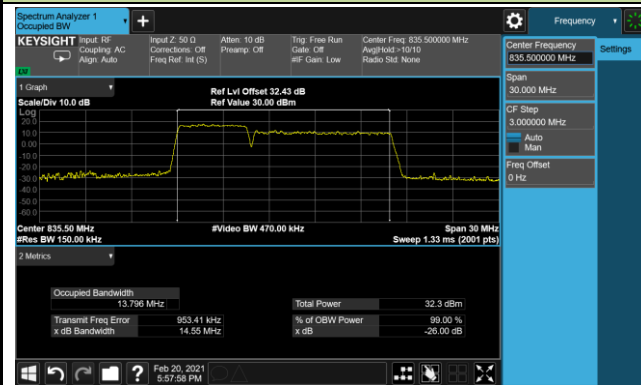


10+10MHz Channel Bandwidth

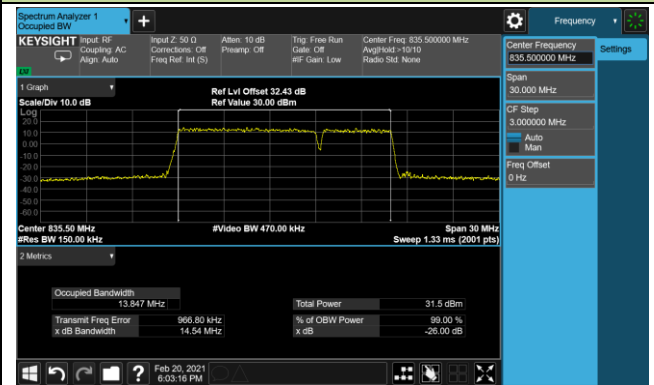


99% Bandwidth - 16QAM

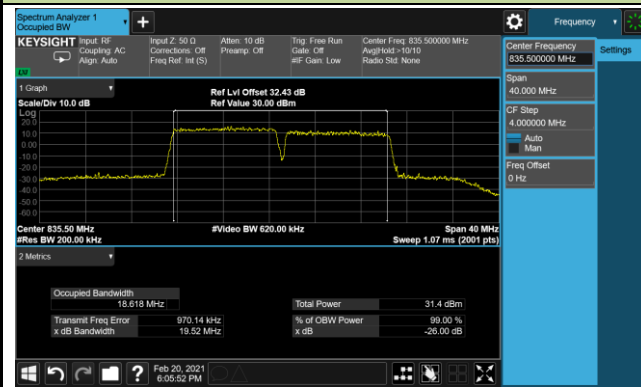
5+10MHz Channel Bandwidth



10+5MHz Channel Bandwidth

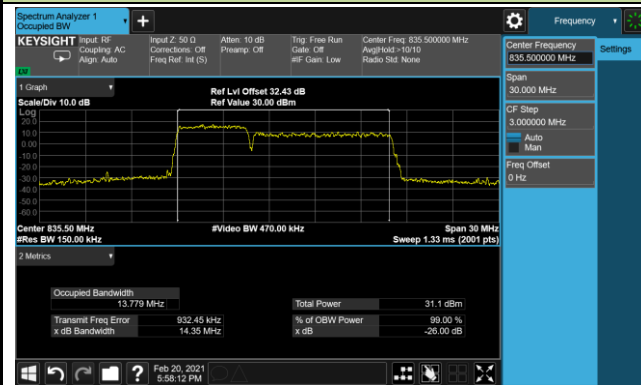


10+10MHz Channel Bandwidth

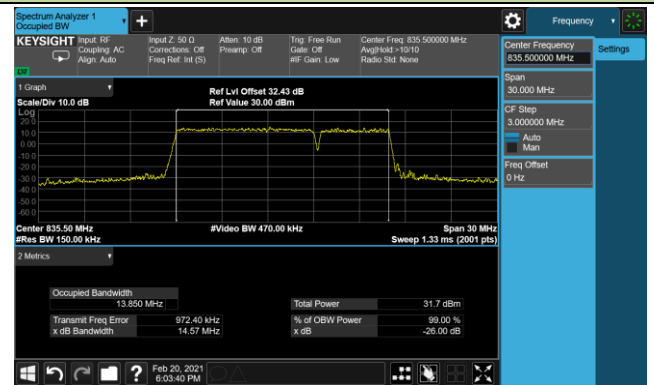


99% Bandwidth - 64QAM

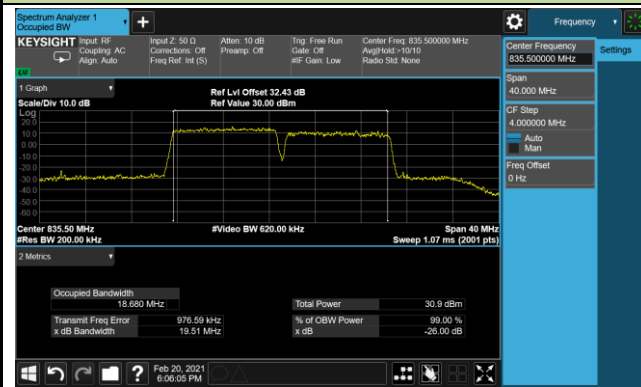
5+10MHz Channel Bandwidth



10+5MHz Channel Bandwidth

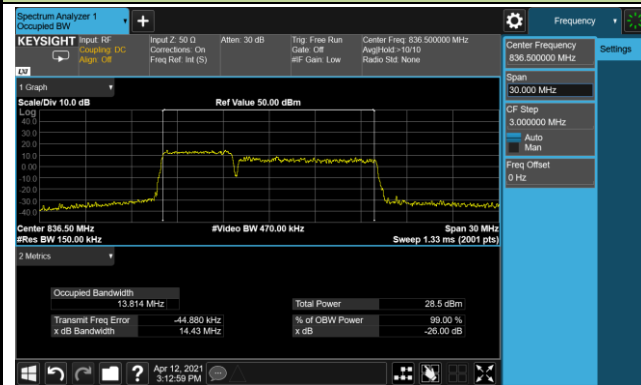


10+10MHz Channel Bandwidth

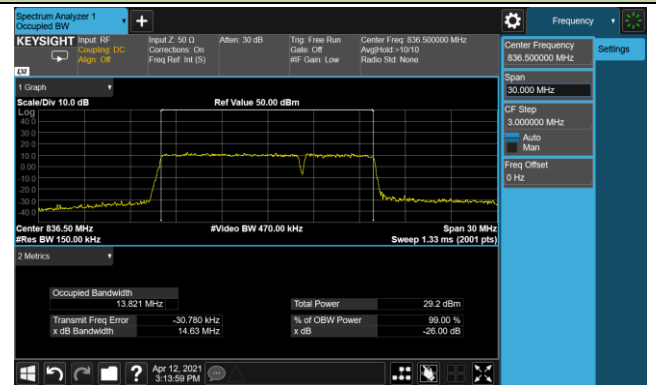


99% Bandwidth - 256QAM

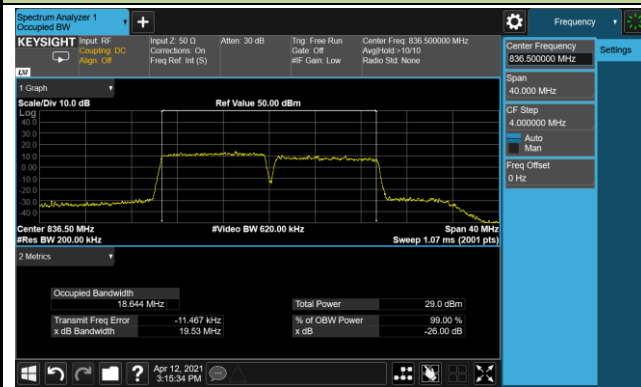
5+10MHz Channel Bandwidth



10+5MHz Channel Bandwidth



10+10MHz Channel Bandwidth

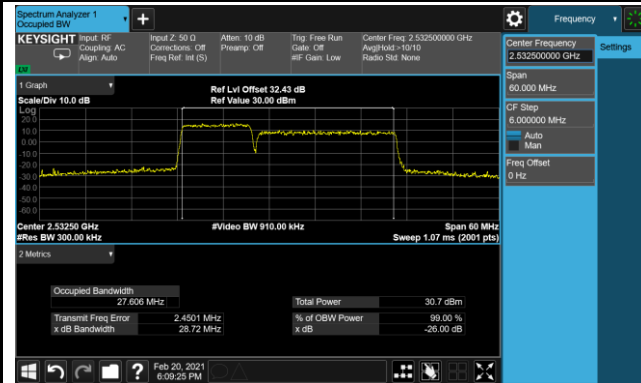


Product	5G Sub-6 GHz M.2 Module	Test Site	SIP-SR6
Test Engineer	Candy Luo	Test Date	2021/04/20 ~ 2021/04/21
Test Band	Intra-Band CA_7C		

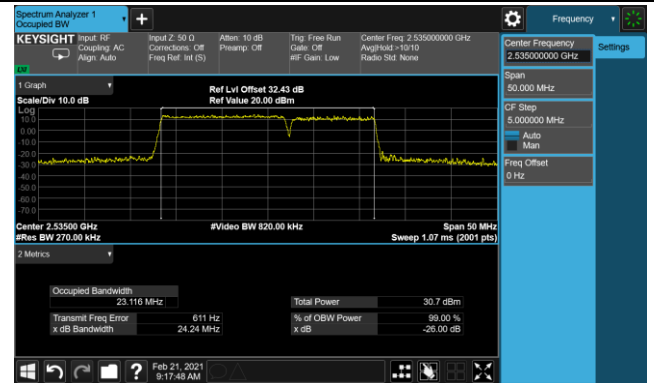
Modulation	Frequency (MHz)	Bandwidth (MHz)	99% Bandwidth (MHz)
QPSK	2525.6 + 2540.0	10+20	27.61
	2530.1 + 2542.1	15+10	23.12
	2527.5 + 2542.5	15+15	28.21
	2525.3 + 2542.4	15+20	32.42
	2530.1 + 2544.5	20+10	27.68
	2527.6 + 2544.7	20+15	32.48
	2525.1 + 2544.9	20+20	37.41
16QAM	2525.6 + 2540.0	10+20	27.55
	2530.1 + 2542.1	15+10	23.06
	2527.5 + 2542.5	15+15	28.25
	2525.3 + 2542.4	15+20	32.54
	2530.1 + 2544.5	20+10	27.66
	2527.6 + 2544.7	20+15	32.51
	2525.1 + 2544.9	20+20	37.40
64QAM	2525.6 + 2540.0	10+20	27.57
	2530.1 + 2542.1	15+10	23.02
	2527.5 + 2542.5	15+15	28.29
	2525.3 + 2542.4	15+20	32.49
	2530.1 + 2544.5	20+10	27.65
	2527.6 + 2544.7	20+15	32.50
	2525.1 + 2544.9	20+20	37.32
256QAM	2525.6 + 2540.0	10+20	27.58
	2530.1 + 2542.1	15+10	23.13
	2527.5 + 2542.5	15+15	28.20
	2525.3 + 2542.4	15+20	32.47
	2530.1 + 2544.5	20+10	27.64
	2527.6 + 2544.7	20+15	32.59
	2525.1 + 2544.9	20+20	37.84

99% Bandwidth - QPSK

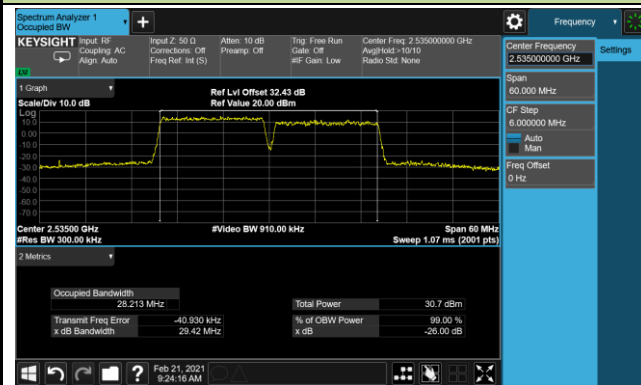
10+20MHz Channel Bandwidth



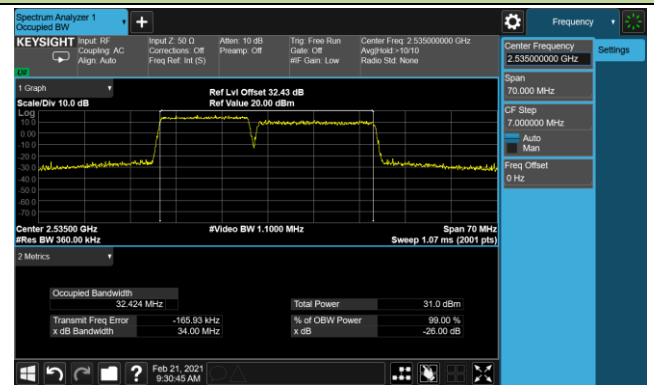
15+10MHz Channel Bandwidth



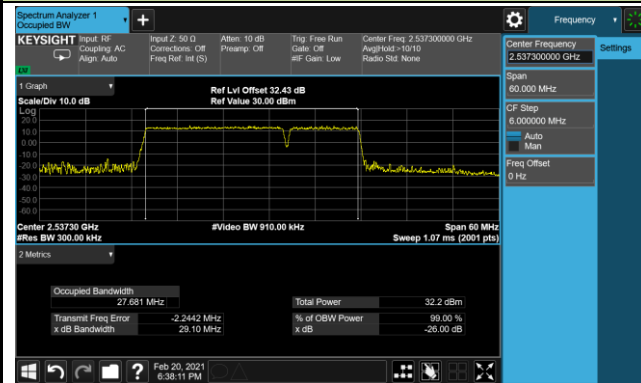
15+15MHz Channel Bandwidth



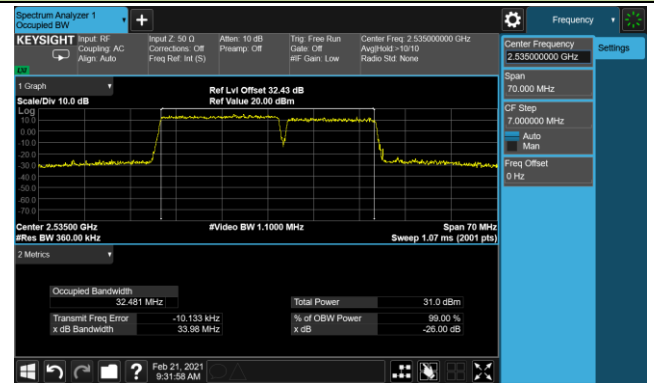
15+20MHz Channel Bandwidth



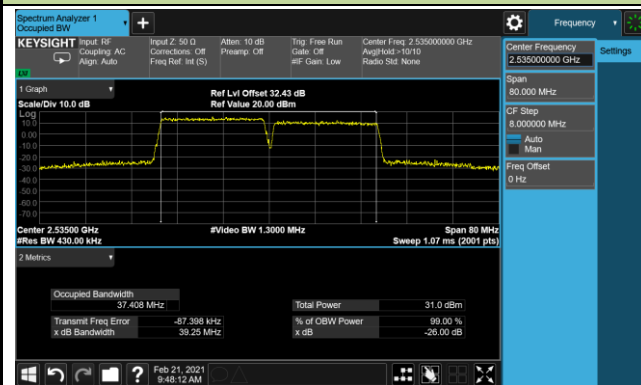
20+10MHz Channel Bandwidth



20+15MHz Channel Bandwidth

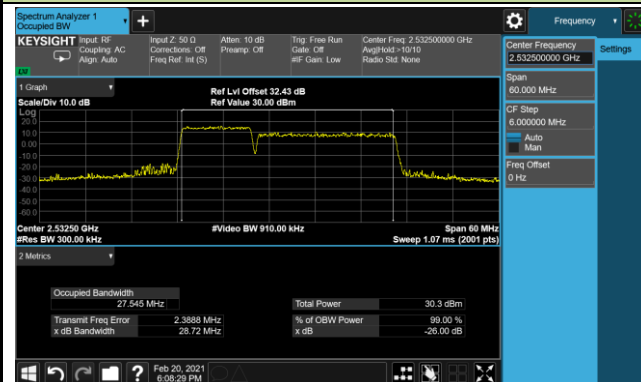


20+20MHz Channel Bandwidth

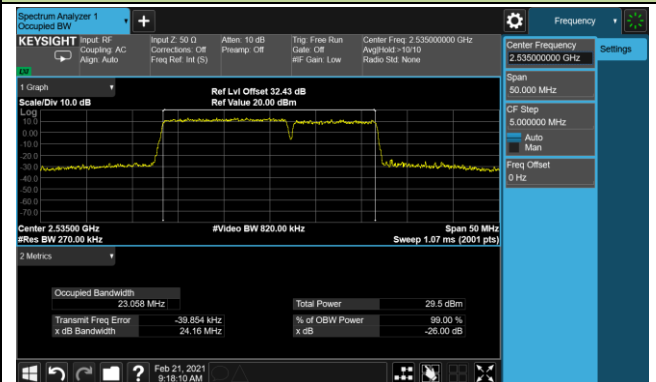


99% Bandwidth - 16QAM

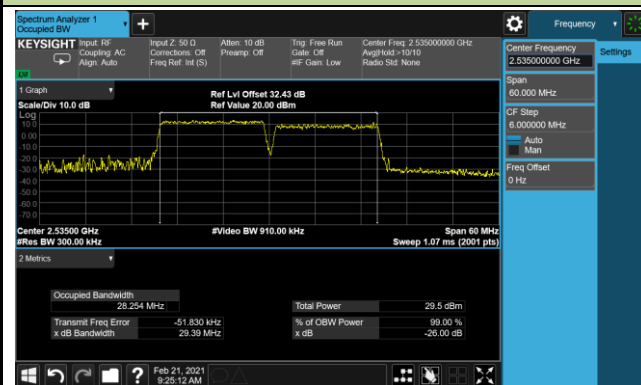
10+20MHz Channel Bandwidth



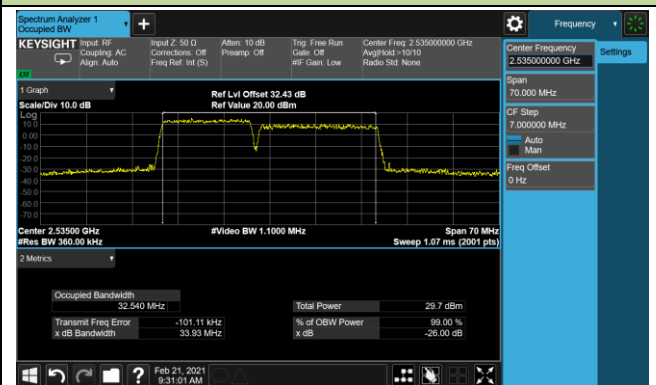
15+10MHz Channel Bandwidth



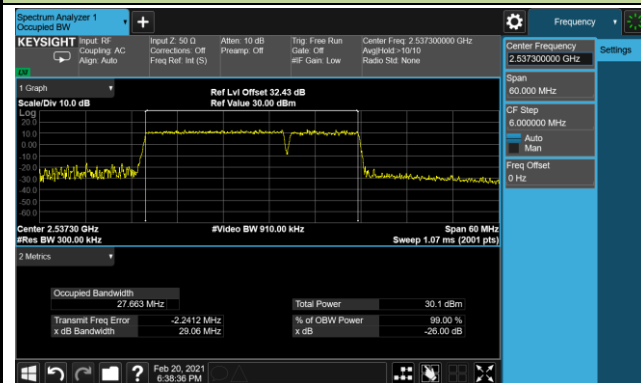
15+15MHz Channel Bandwidth



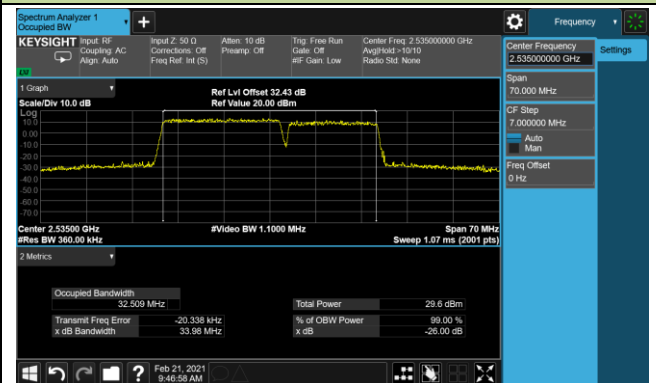
15+20MHz Channel Bandwidth



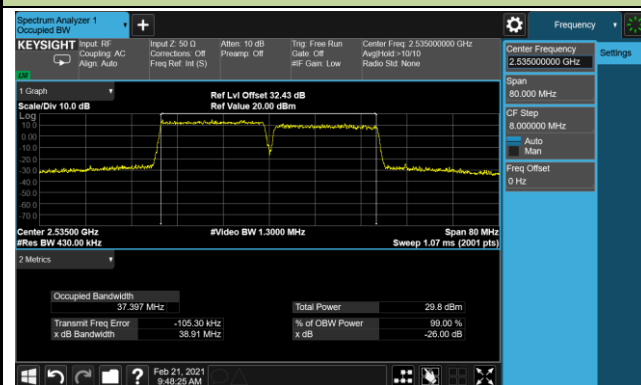
20+10MHz Channel Bandwidth



20+15MHz Channel Bandwidth

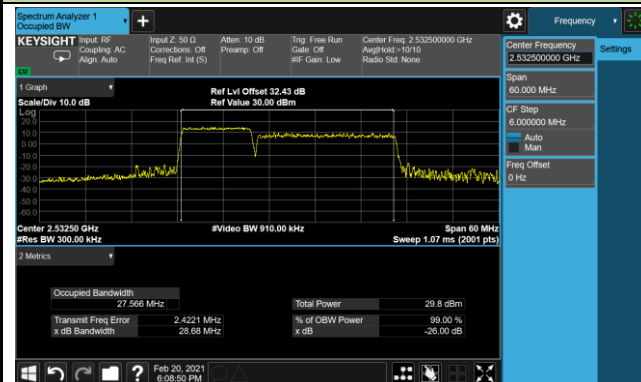


20+20MHz Channel Bandwidth

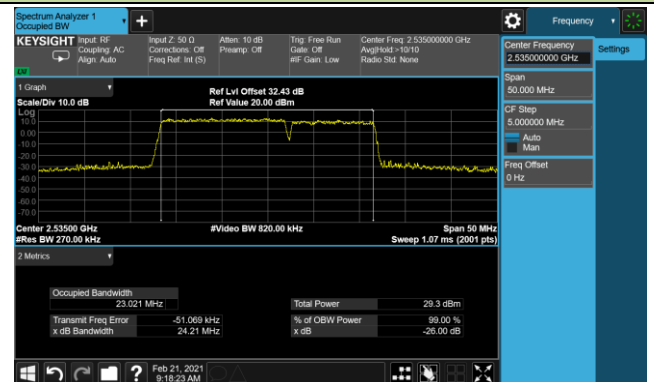


99% Bandwidth - 64QAM

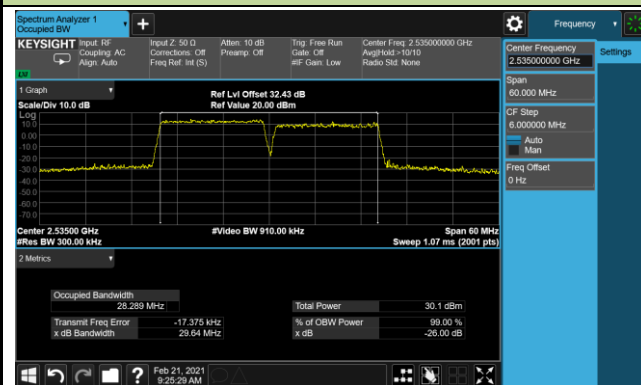
10+20MHz Channel Bandwidth



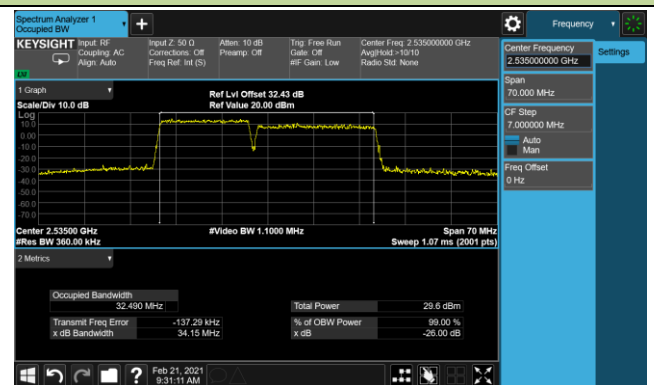
15+10MHz Channel Bandwidth



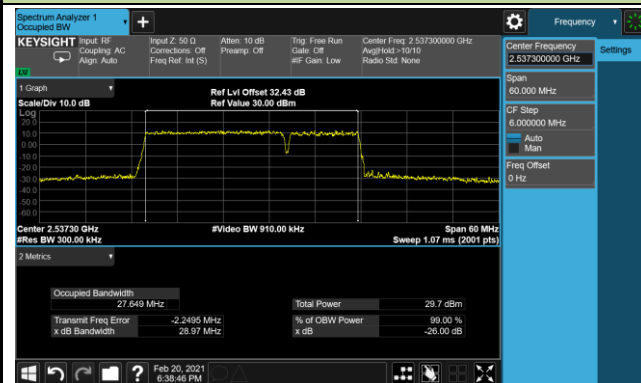
15+15MHz Channel Bandwidth



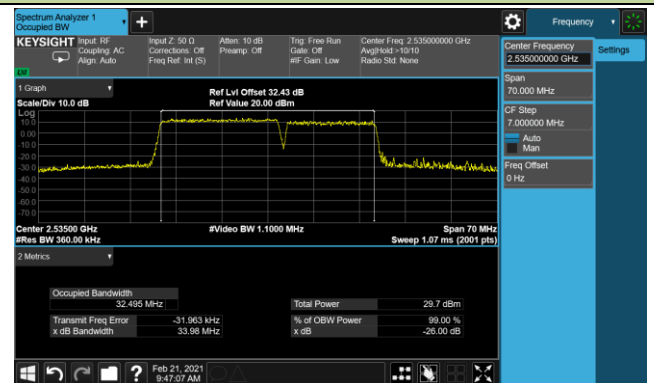
15+20MHz Channel Bandwidth



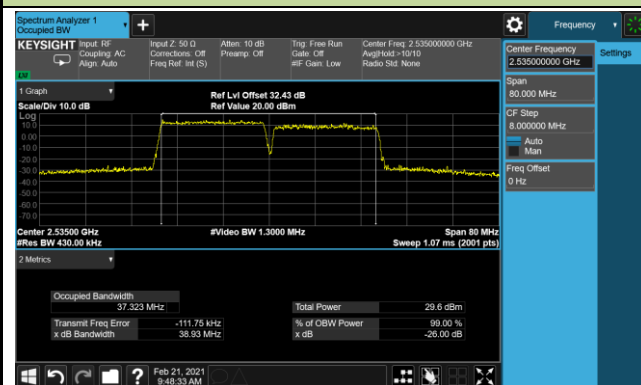
20+10MHz Channel Bandwidth



20+15MHz Channel Bandwidth

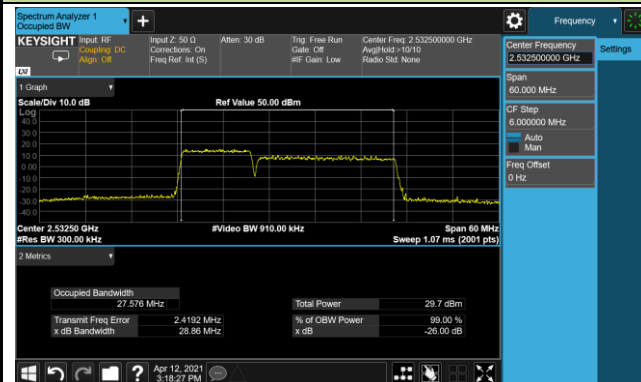


20+20MHz Channel Bandwidth



99% Bandwidth - 256QAM

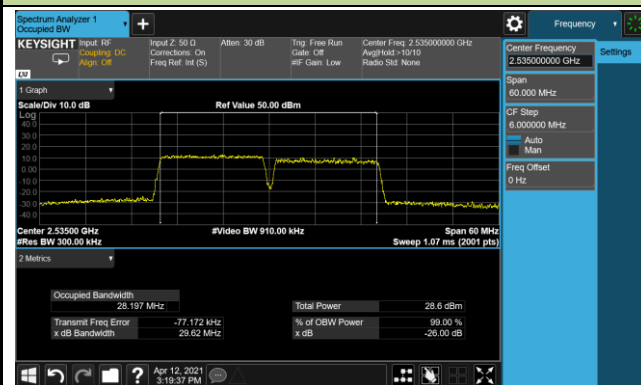
10+20MHz Channel Bandwidth



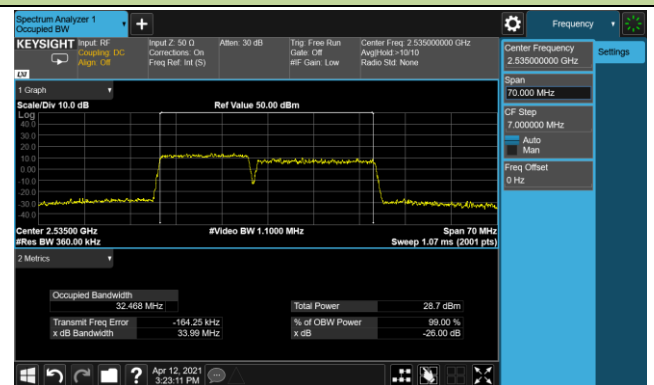
15+10MHz Channel Bandwidth



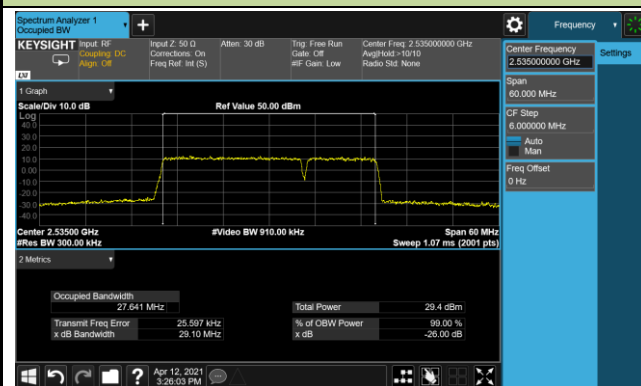
15+15MHz Channel Bandwidth



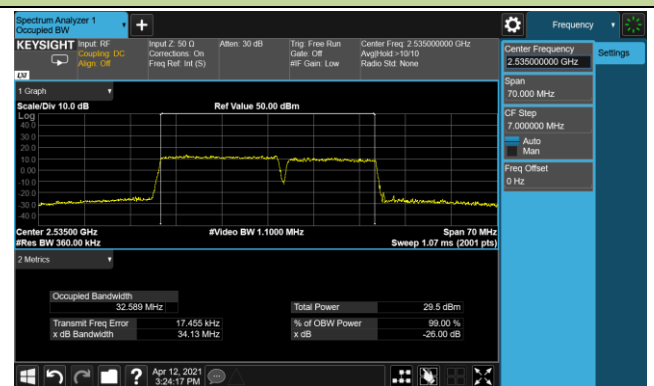
15+20MHz Channel Bandwidth



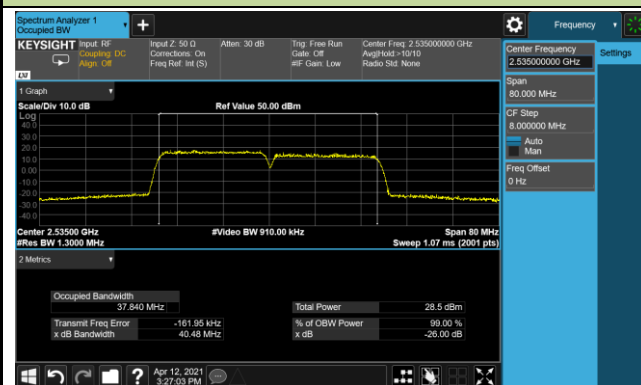
20+10MHz Channel Bandwidth



20+15MHz Channel Bandwidth



20+20MHz Channel Bandwidth

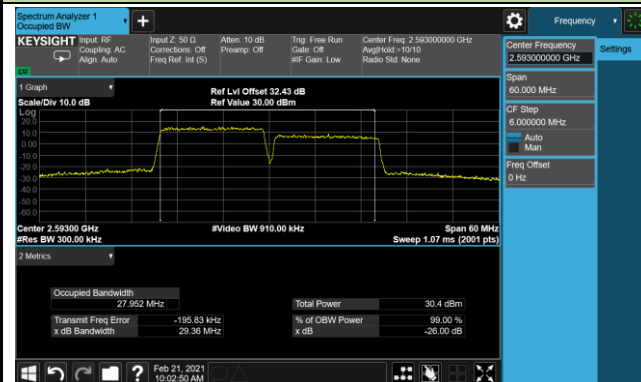


Product	5G Sub-6 GHz M.2 Module	Test Site	SIP-SR6
Test Engineer	Candy Luo	Test Date	2021/02/21
Test Band	Intra-Band CA_38C/41C		

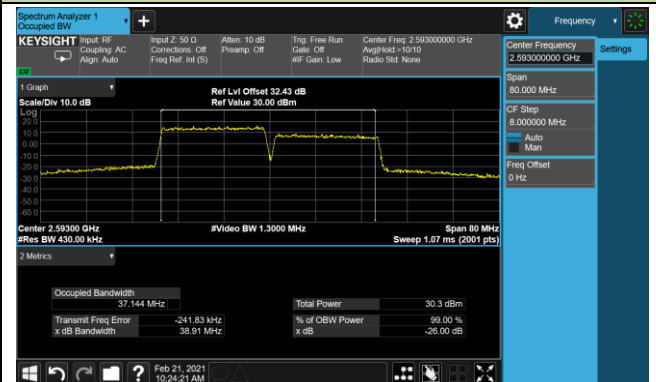
Modulation	Frequency (MHz)	Bandwidth (MHz)	99% Bandwidth (MHz)
QPSK	2585.5 + 2600.5	15+15	27.95
	2583.1 + 2602.9	20+20	37.14
16QAM	2585.5 + 2600.5	15+15	28.05
	2583.1 + 2602.9	20+20	36.96
64QAM	2585.5 + 2600.5	15+15	27.97
	2583.1 + 2602.9	20+20	36.98
256QAM	2585.5 + 2600.5	15+15	28.05
	2583.1 + 2602.9	20+20	37.14

99% Bandwidth - QPSK

15+15MHz Channel Bandwidth

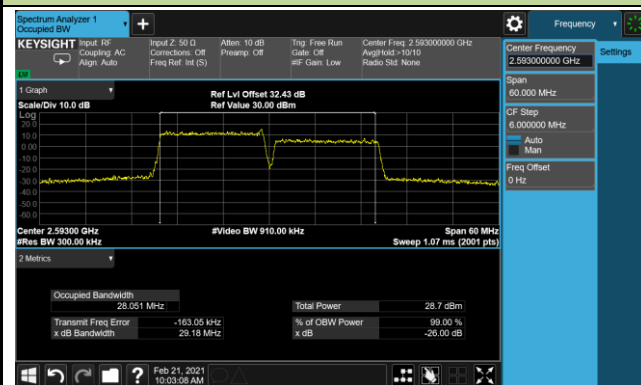


20+20MHz Channel Bandwidth

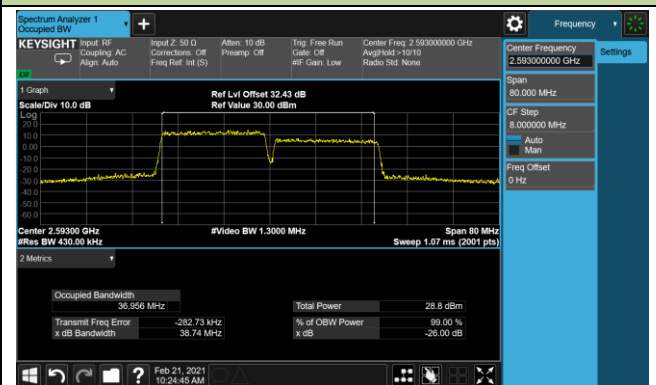


99% Bandwidth - 16QAM

15+15MHz Channel Bandwidth

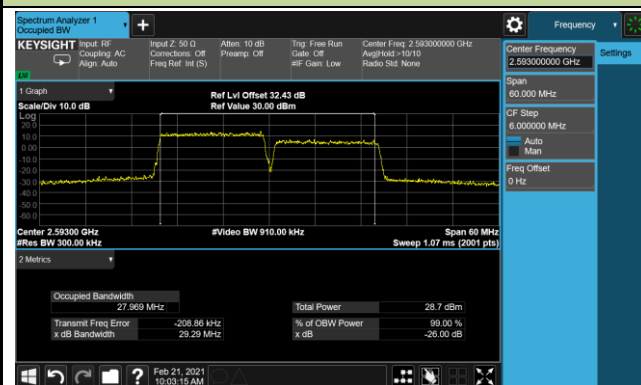


20+20MHz Channel Bandwidth

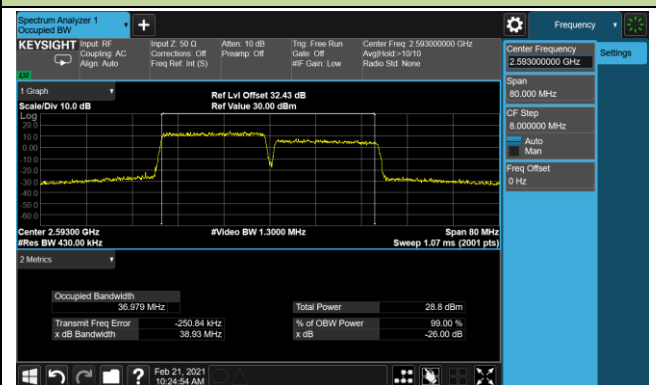


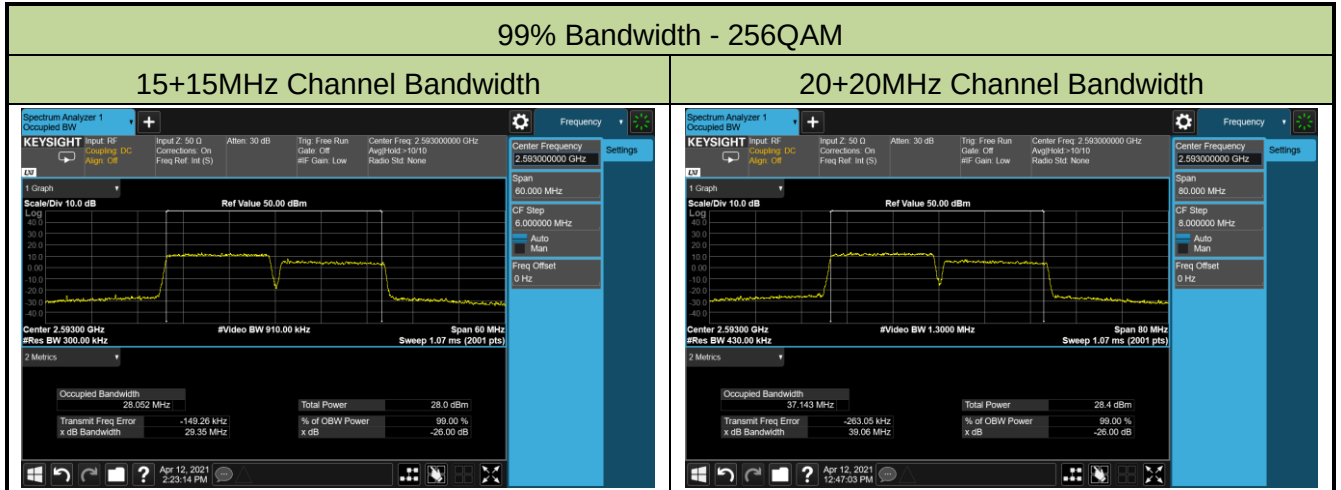
99% Bandwidth - 64QAM

15+15MHz Channel Bandwidth



20+20MHz Channel Bandwidth





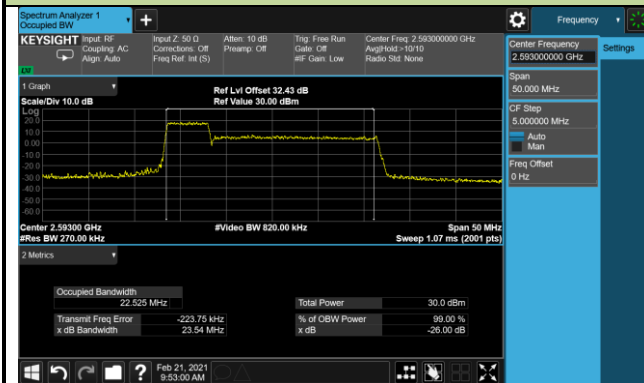
Product	5G Sub-6 GHz M.2 Module	Test Site	SIP-SR6
Test Engineer	Candy Luo	Test Date	2021/02/21
Test Band	Intra-Band CA_41C		

Modulation	Frequency (MHz)	Bandwidth (MHz)	99% Bandwidth (MHz)
QPSK	2583.8 + 2595.5	5+20	22.53
	2585.9 + 2597.9	10+15	22.81
	2583.6 + 2598.0	10+20	27.37
	2588.1 + 2600.1	15+10	22.87
	2583.3 + 2600.4	15+20	32.18
	2590.5 + 2602.2	20+5	22.68
	2588.1 + 2602.5	20+10	27.55
	2585.6 + 2602.7	20+15	32.31
16QAM	2583.8 + 2595.5	5+20	22.43
	2585.9 + 2597.9	10+15	22.90
	2583.6 + 2598.0	10+20	27.35
	2588.1 + 2600.1	15+10	22.86
	2583.3 + 2600.4	15+20	32.24
	2590.5 + 2602.2	20+5	22.71
	2588.1 + 2602.5	20+10	27.57
	2585.6 + 2602.7	20+15	32.34
64QAM	2583.8 + 2595.5	5+20	22.43
	2585.9 + 2597.9	10+15	22.85
	2583.6 + 2598.0	10+20	27.30
	2588.1 + 2600.1	15+10	22.87
	2583.3 + 2600.4	15+20	32.24
	2590.5 + 2602.2	20+5	22.73
	2588.1 + 2602.5	20+10	27.56
	2585.6 + 2602.7	20+15	32.36

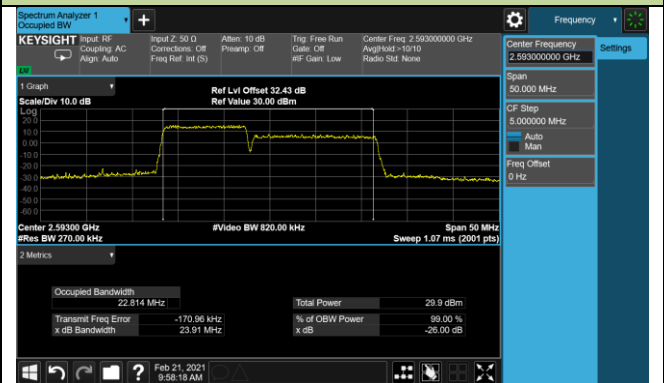
Modulation	Frequency (MHz)	Bandwidth (MHz)	99% Bandwidth (MHz)
256QAM	2583.8 + 2595.5	5+20	22.31
	2585.9 + 2597.9	10+15	22.84
	2583.6 + 2598.0	10+20	27.32
	2588.1 + 2600.1	15+10	22.88
	2583.3 + 2600.4	15+20	32.17
	2590.5 + 2602.2	20+5	22.77
	2588.1 + 2602.5	20+10	27.54
	2585.6 + 2602.7	20+15	32.27

99% Bandwidth - QPSK

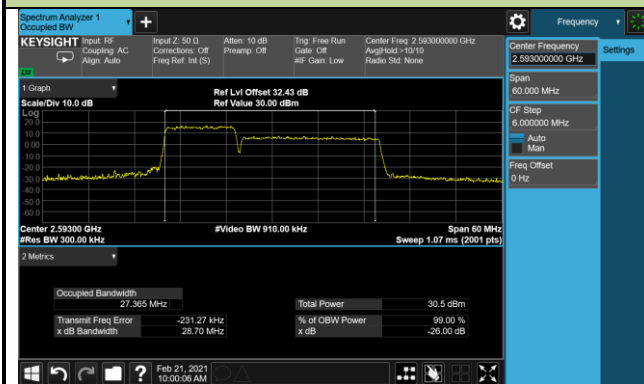
5+20MHz Channel Bandwidth



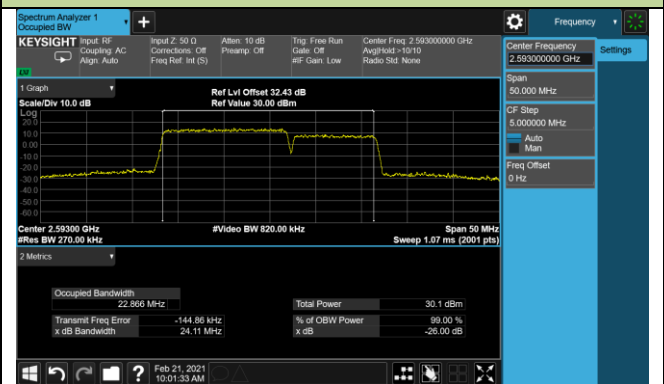
10+15MHz Channel Bandwidth



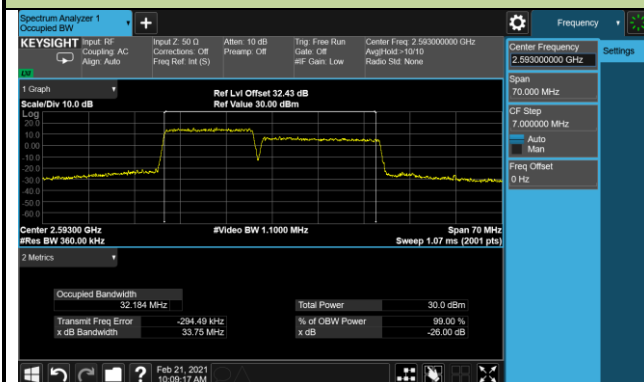
10+20MHz Channel Bandwidth



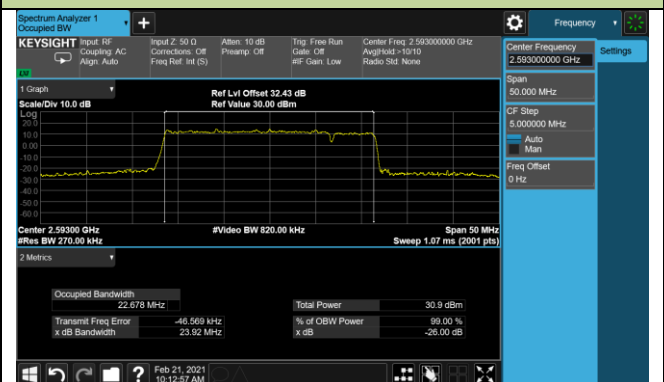
15+10MHz Channel Bandwidth



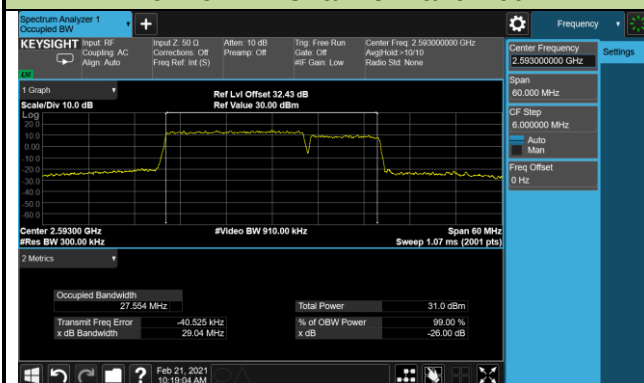
15+20MHz Channel Bandwidth



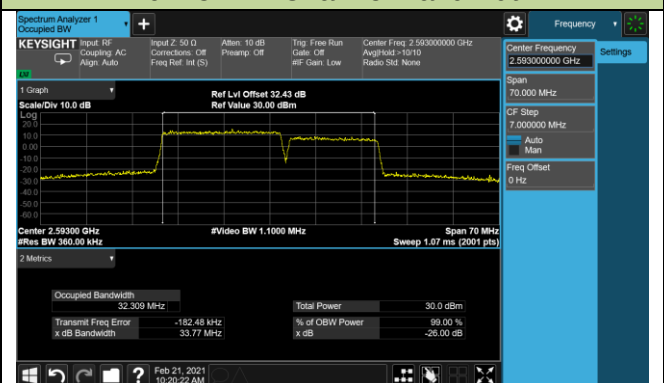
20+5MHz Channel Bandwidth



20+10MHz Channel Bandwidth

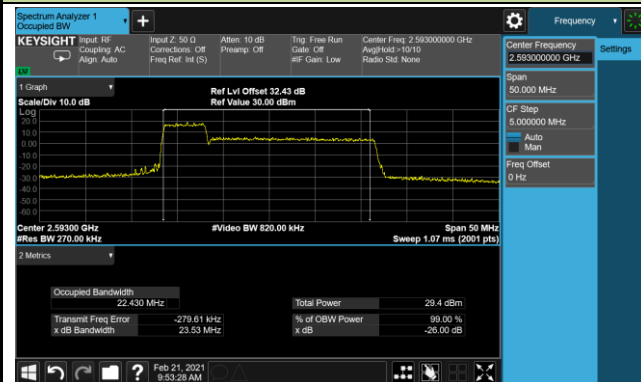


20+15MHz Channel Bandwidth

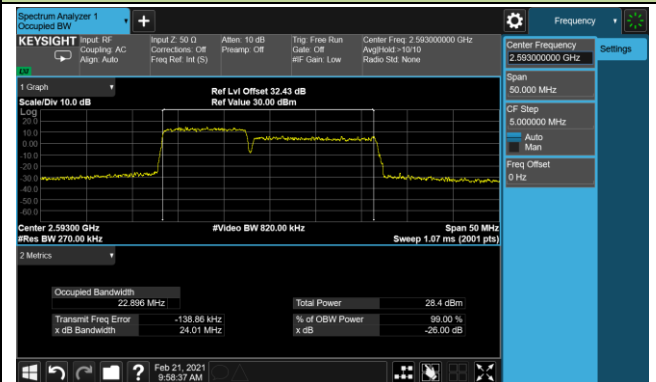


99% Bandwidth - 16QAM

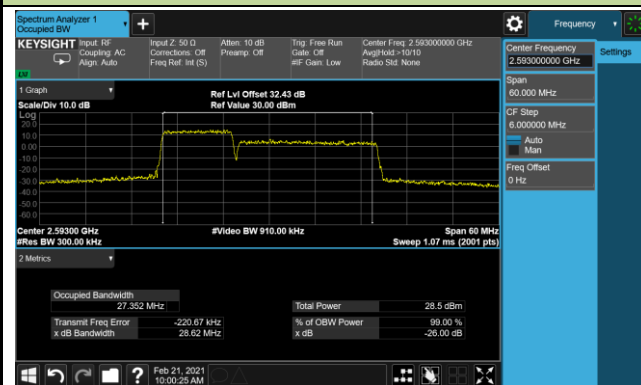
5+20MHz Channel Bandwidth



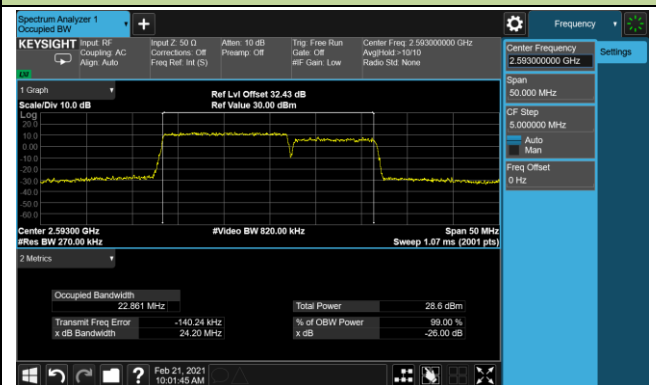
10+15MHz Channel Bandwidth



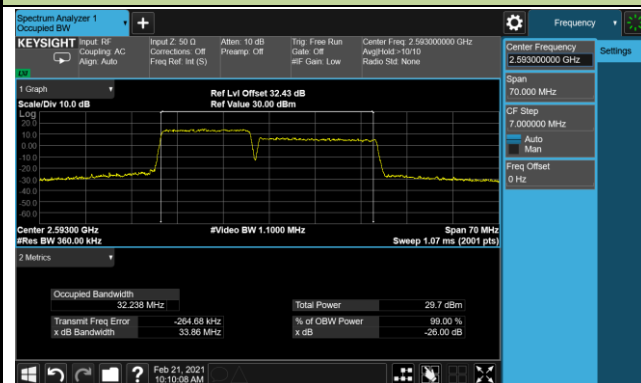
10+20MHz Channel Bandwidth



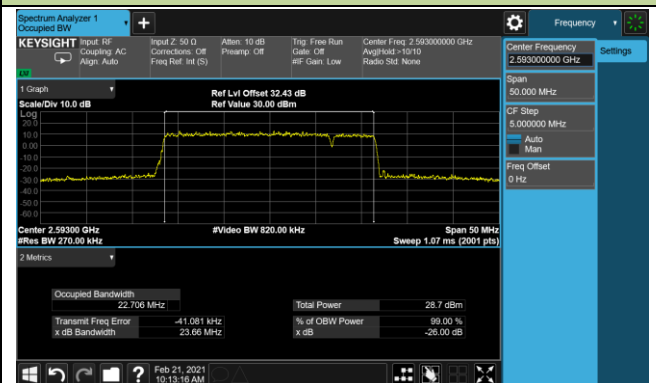
15+10MHz Channel Bandwidth



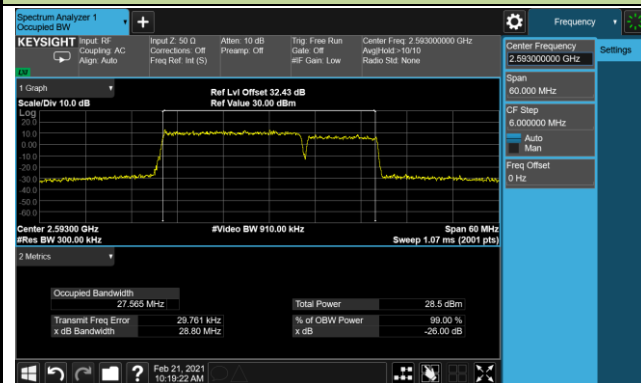
15+20MHz Channel Bandwidth



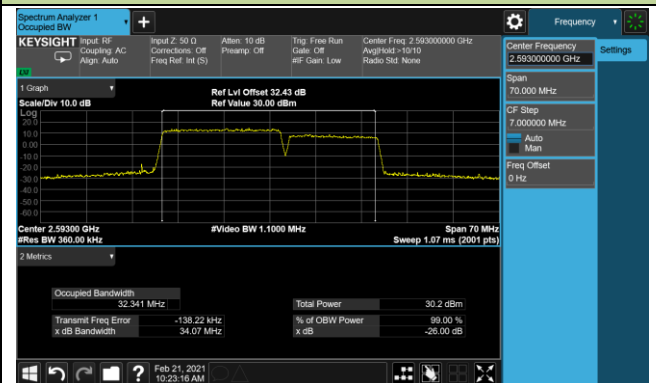
20+5MHz Channel Bandwidth



20+10MHz Channel Bandwidth

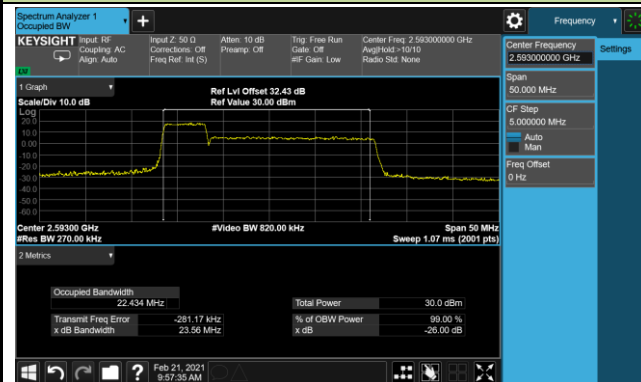


20+15MHz Channel Bandwidth

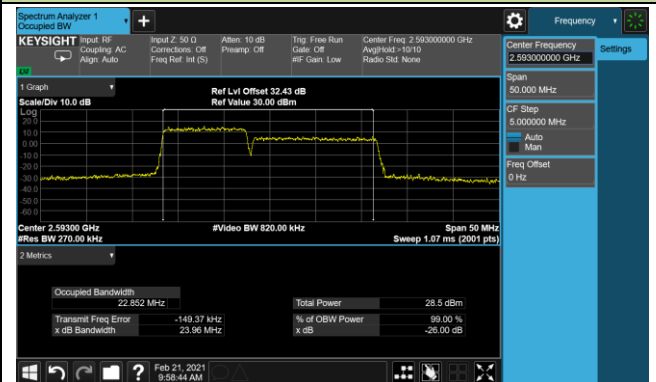


99% Bandwidth - 64QAM

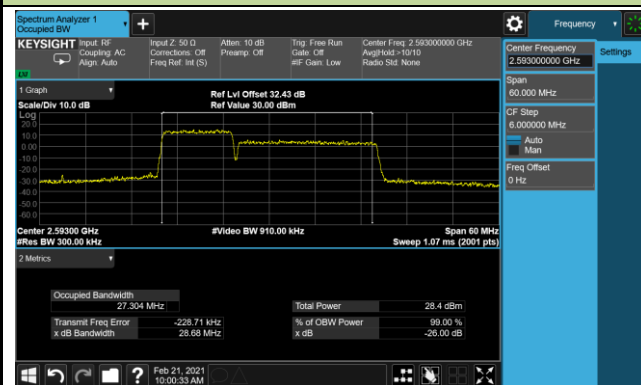
5+20MHz Channel Bandwidth



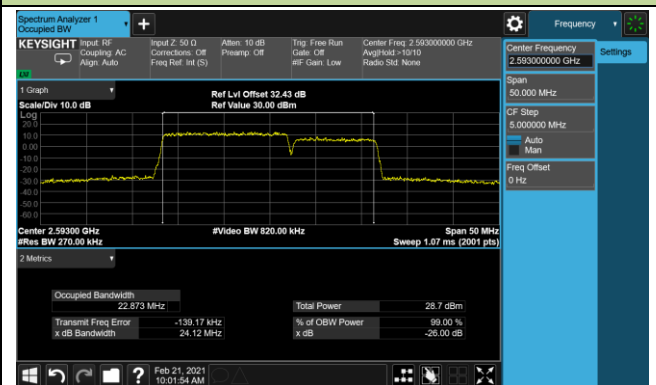
10+15MHz Channel Bandwidth



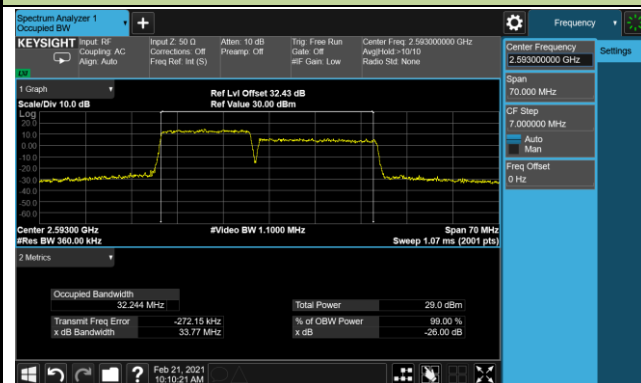
10+20MHz Channel Bandwidth



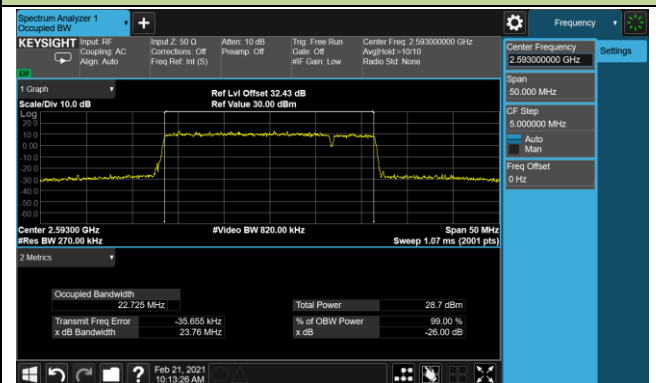
15+10MHz Channel Bandwidth



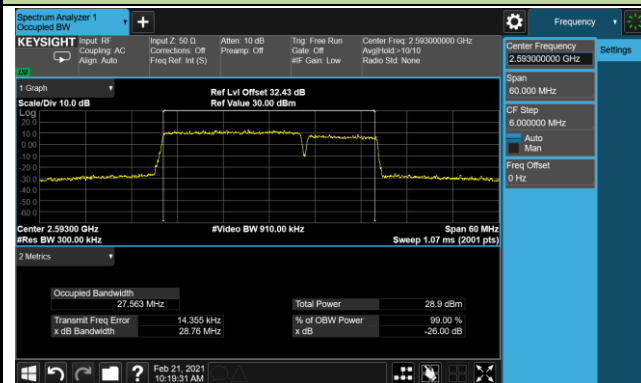
15+20MHz Channel Bandwidth



20+5MHz Channel Bandwidth



20+10MHz Channel Bandwidth



20+15MHz Channel Bandwidth

