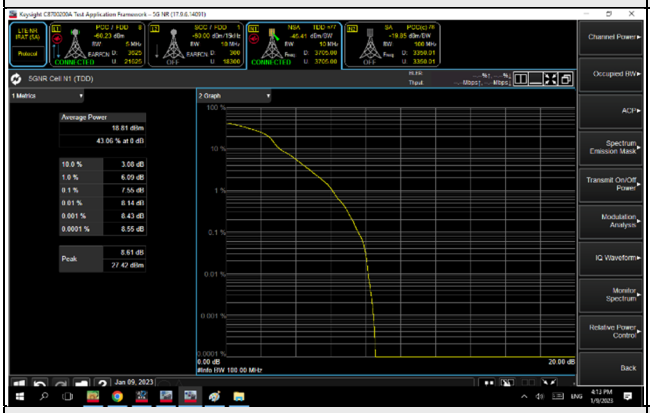
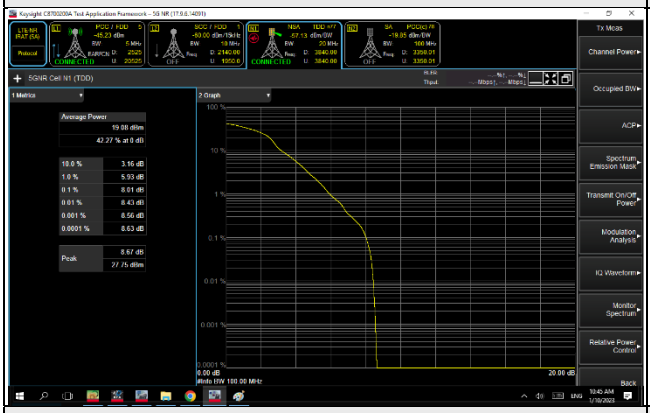
Spectrum Plot of Worst Value

10MHz / 256QAM

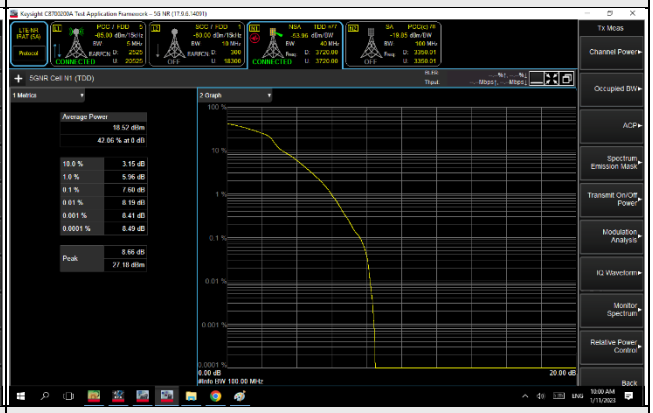


15MHz / 256QAM

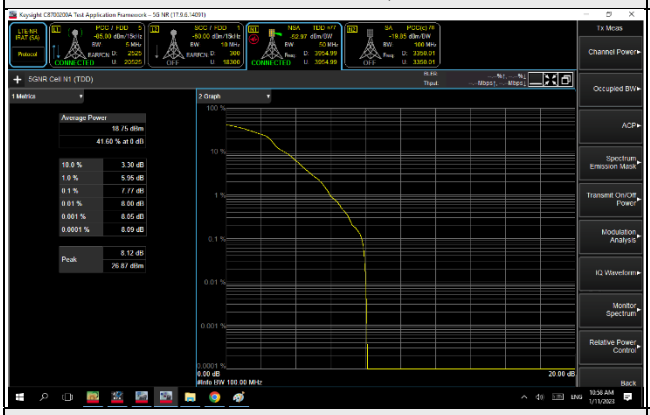
20MHz / 256QAM



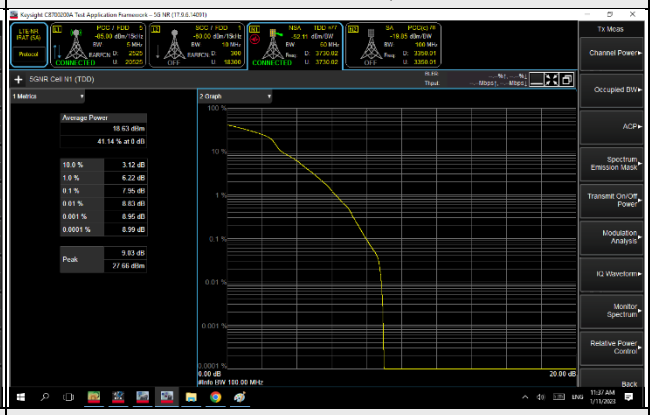
40MHz / 256QAM



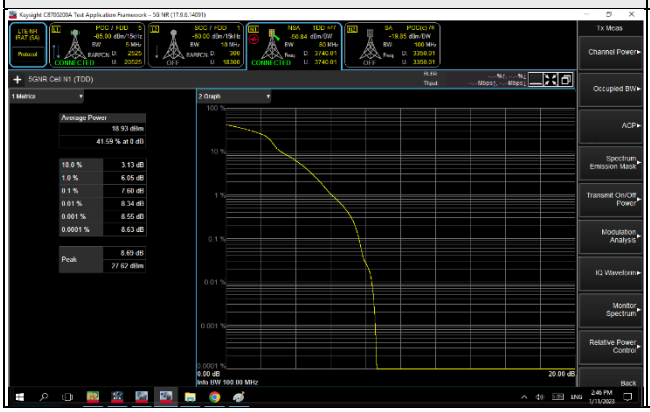
50MHz / 256QAM



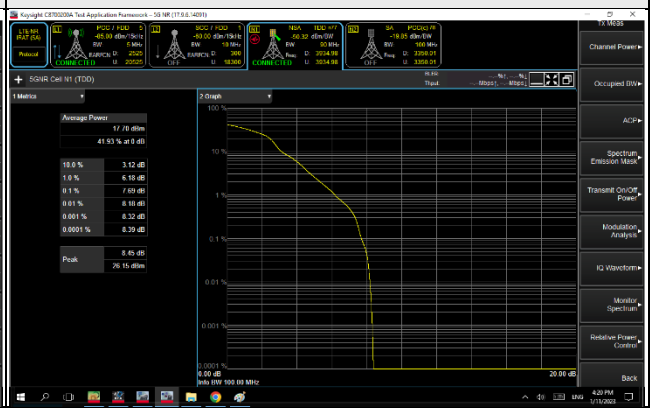
60MHz / 256QAM

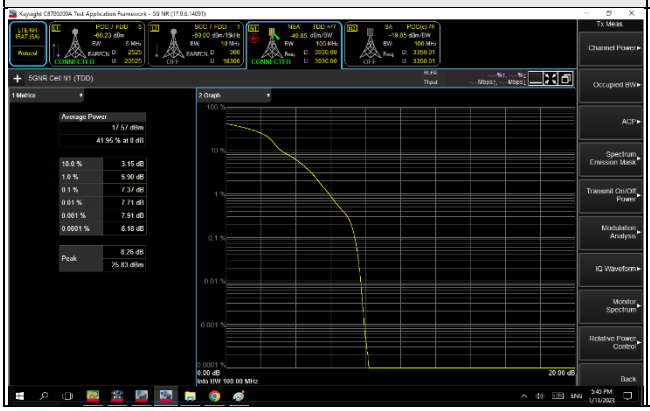


80MHz / 256QAM



90MHz / 256QAM



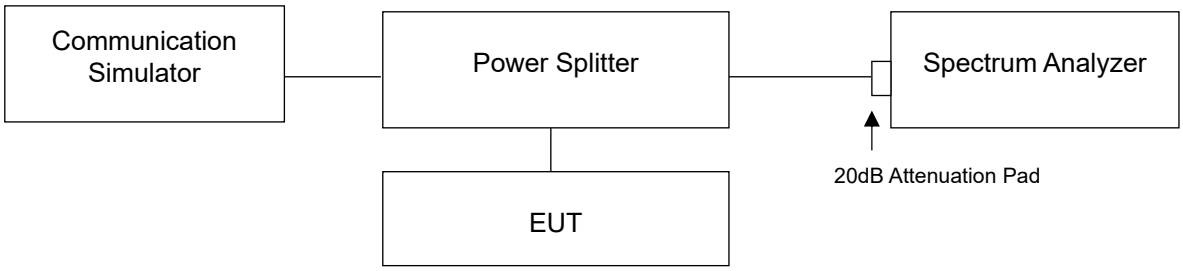
Spectrum Plot of Worst Value	
100MHz / 256QAM	
	

4.7 Conducted Spurious Emissions

4.7.1 Limits of Conducted Spurious Emissions Measurement

According to FCC 27.53(l), for operations in the 3700-3980 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed −13 dBm/MHz.

4.7.2 Test Setup

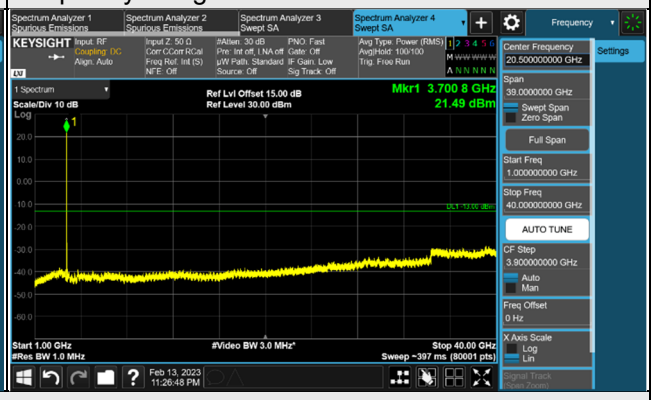
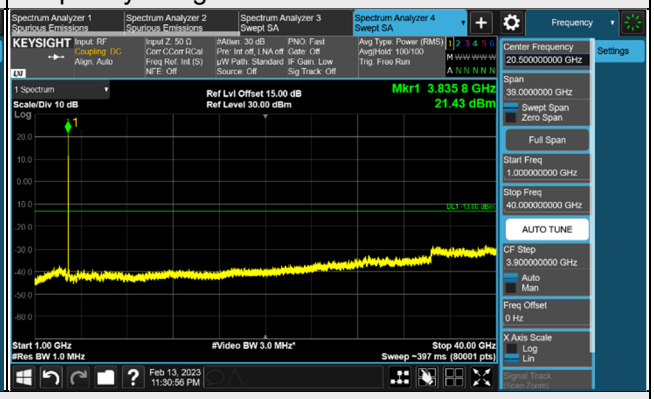
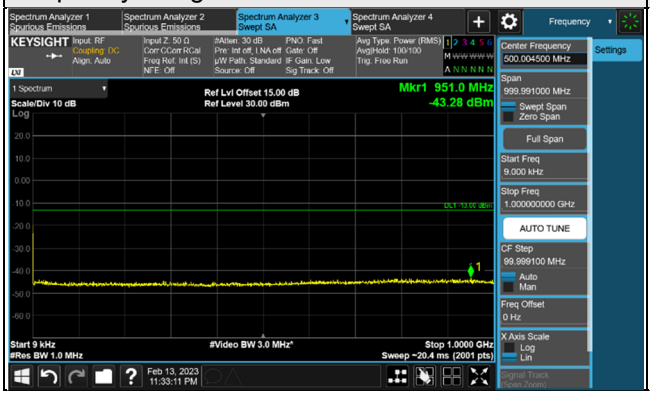
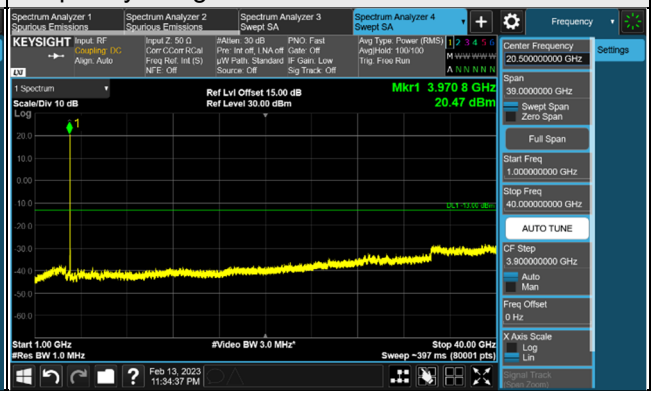


4.7.3 Test Procedure

a. All measurements were done at low, middle and high channels operational frequency range.

b. Measuring frequency range is from 9kHz to 40GHz. 20dB attenuation pad is connected with spectrum. RBW=1MHz and VBW=3MHz are used for conducted emission measurement.

4.7.4 Test Results

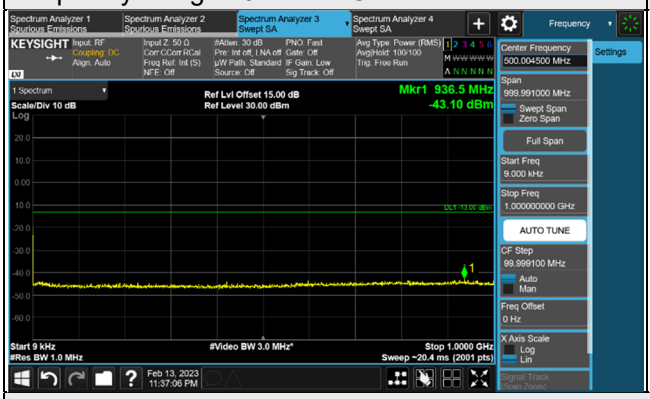
n77, Channel Bandwidth 10MHz	
Channel 647000 (3705.00MHz)	
Frequency Range : 9kHz ~ 1GHz	Frequency Range : 1GHz ~ 40GHz
	
Channel 656000 (3840.00MHz)	
Frequency Range : 9kHz ~ 1GHz	Frequency Range : 1GHz ~ 40GHz
	
Channel 665000 (3975.00MHz)	
Frequency Range : 9kHz ~ 1GHz	Frequency Range : 1GHz ~ 40GHz
	

*The 9kHz signal over the limit is from Spectrum.

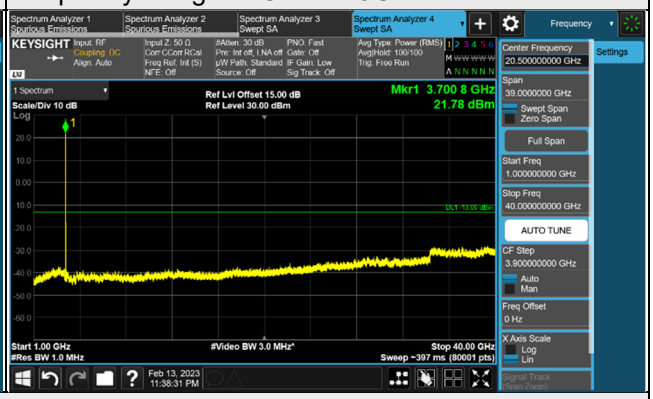
n77, Channel Bandwidth 15MHz

Channel 647168 (3707.52MHz)

Frequency Range : 9kHz ~ 1GHz

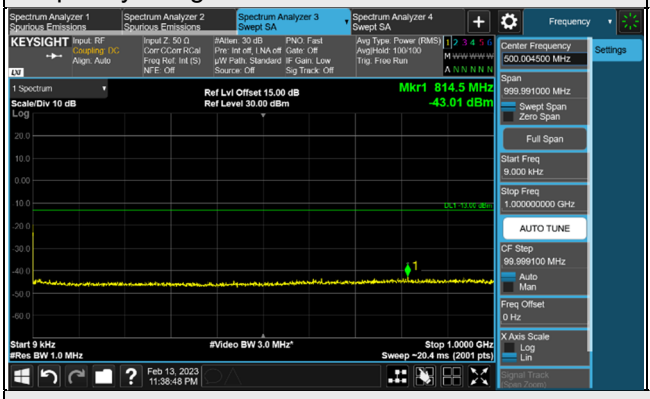


Frequency Range : 1GHz ~ 40GHz

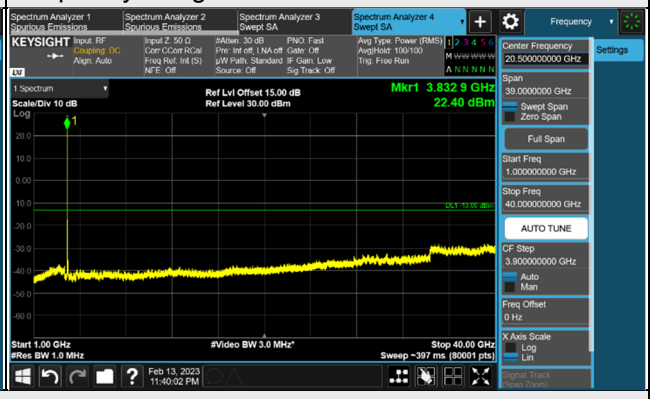


Channel 656000 (3840.00MHz)

Frequency Range : 9kHz ~ 1GHz



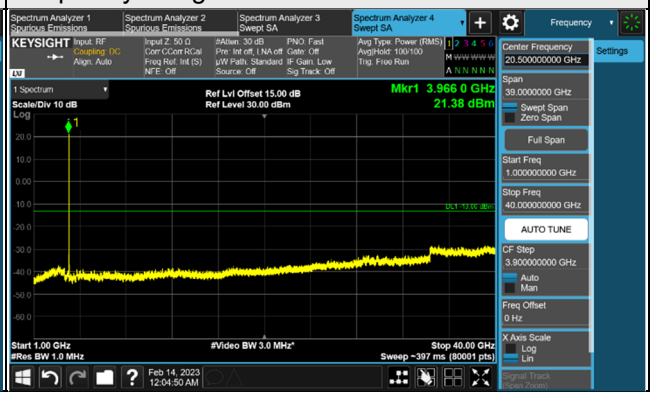
Frequency Range : 1GHz ~ 40GHz



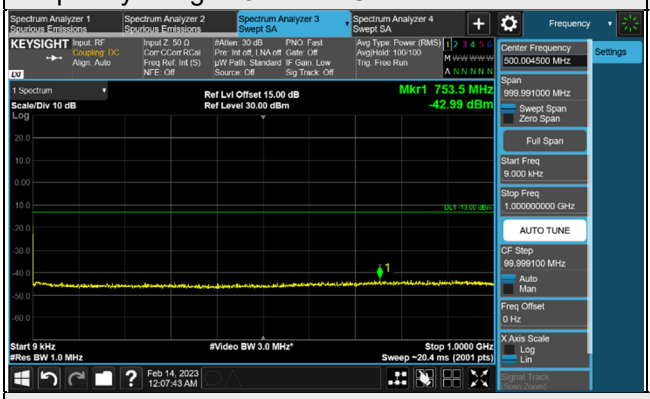
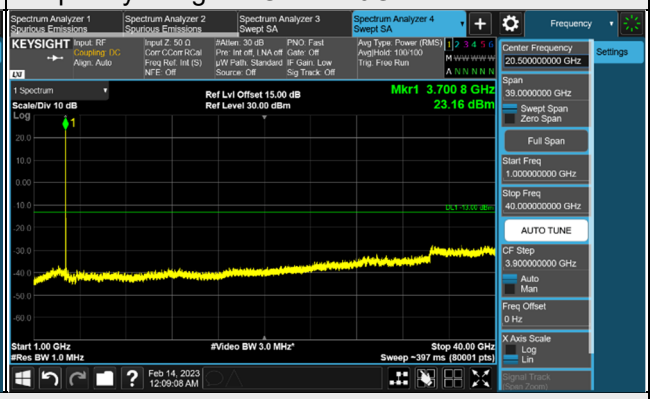
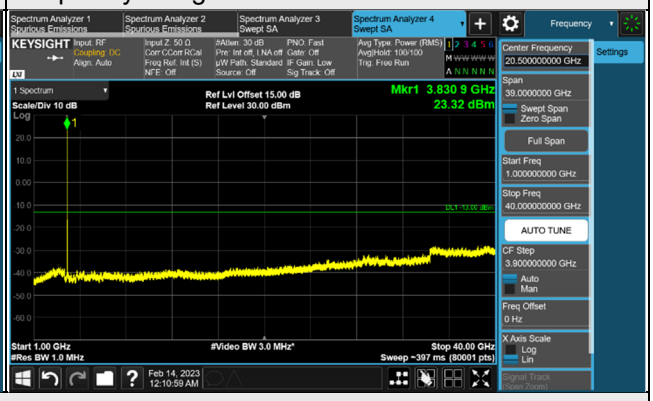
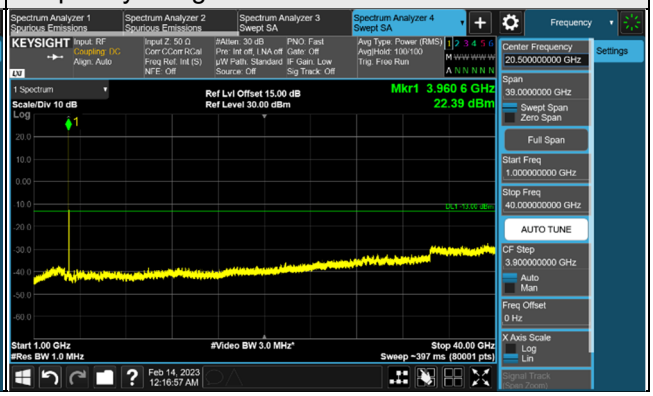
Channel 664832 (3972.48MHz)

Frequency Range : 9kHz ~ 1GHz

Frequency Range : 1GHz ~ 40GHz



*The 9kHz signal over the limit is from Spectrum.

n77, Channel Bandwidth 20MHz	
Channel 647334 (3710.01MHz)	
Frequency Range : 9kHz ~ 1GHz	Frequency Range : 1GHz ~ 40GHz
	
Channel 656000 (3840.00MHz)	
Frequency Range : 9kHz ~ 1GHz	Frequency Range : 1GHz ~ 40GHz
	
Channel 664666 (3969.99MHz)	
Frequency Range : 9kHz ~ 1GHz	Frequency Range : 1GHz ~ 40GHz
	

*The 9kHz signal over the limit is from Spectrum.