

Spectrum Plot of Worst Value

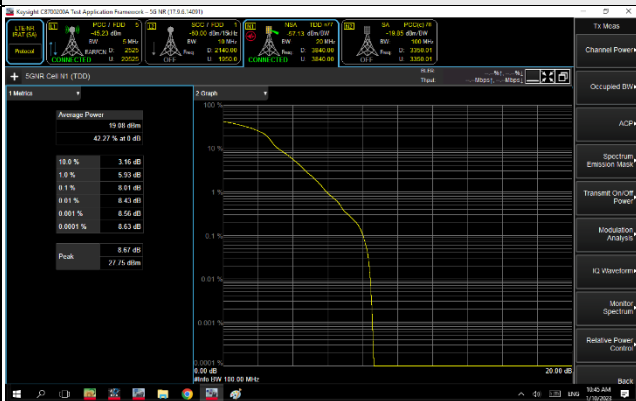
10MHz / 256QAM



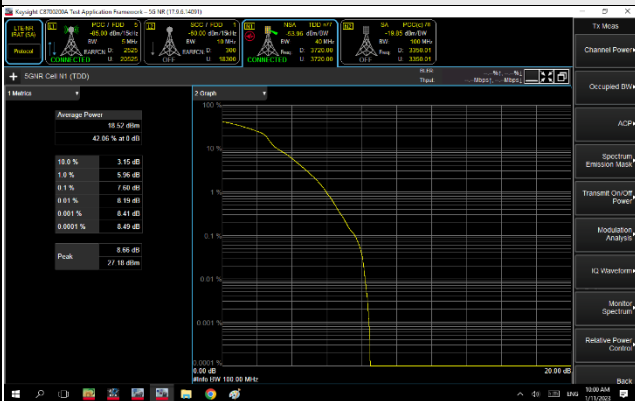
15MHz / 256QAM



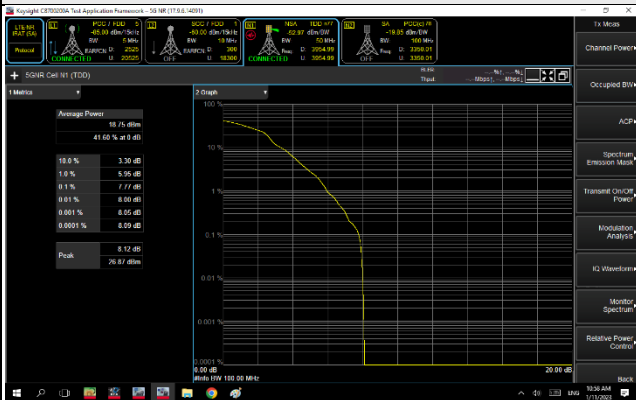
20MHz / 256QAM



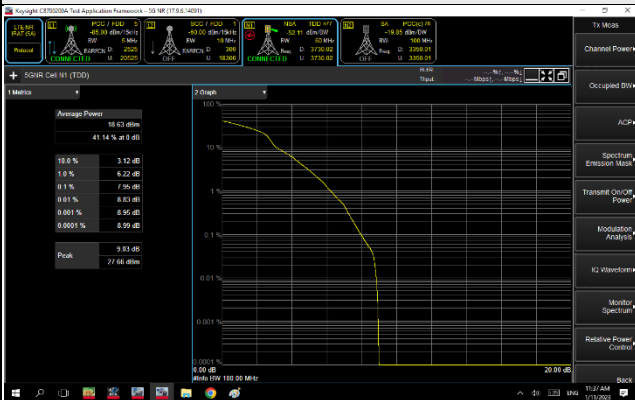
40MHz / 256QAM



50MHz / 256QAM



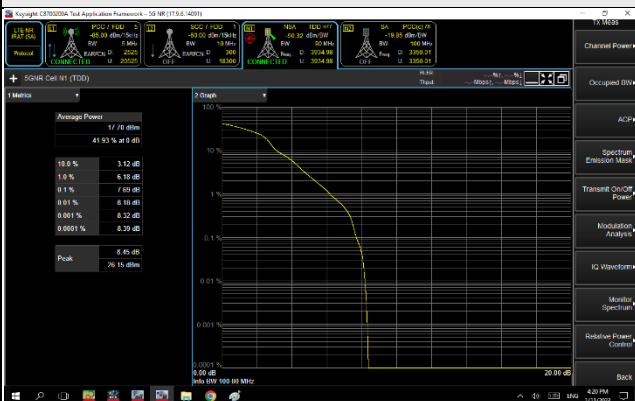
60MHz / 256QAM



80MHz / 256QAM



90MHz / 256QAM

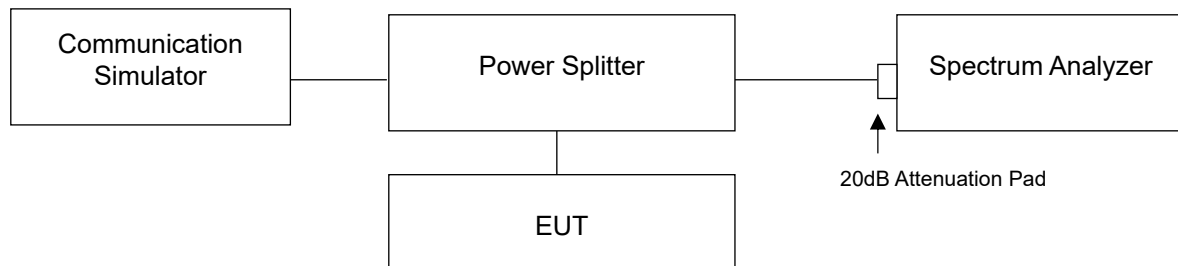


4.7 Conducted Spurious Emissions

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

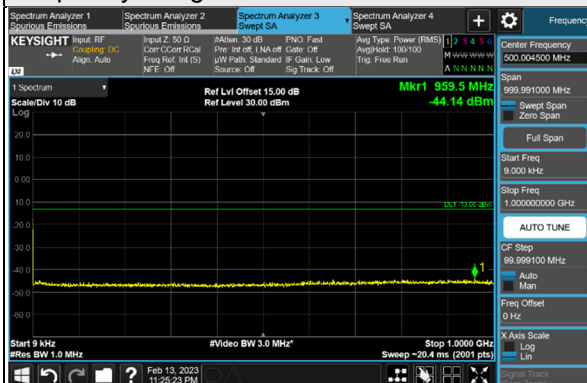
- All measurements were done at low, middle and high channels operational frequency range.
- Measuring frequency range is from 9kHz to 40GHz. 20dB attenuation pad is connected with spectrum. RBW=1MHz and VBW=3MHz are used for conducted emission measurement.

4.7.4 Test Results

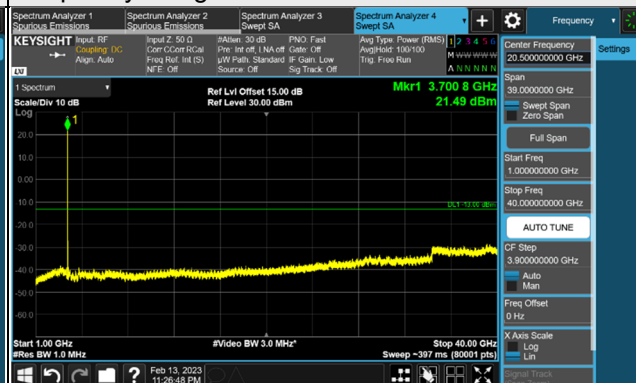
n77, Channel Bandwidth 10MHz

Channel 647000 (3705.00MHz)

Frequency Range : 9kHz ~ 1GHz

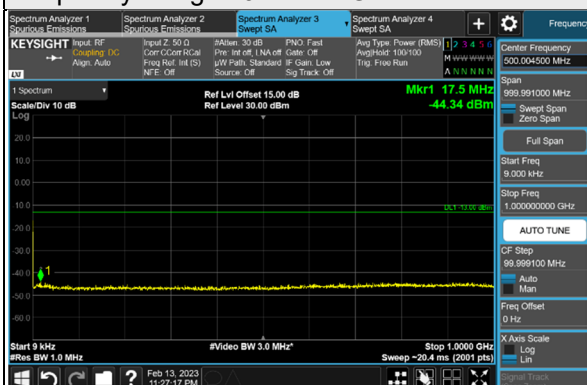


Frequency Range : 1GHz ~ 40GHz

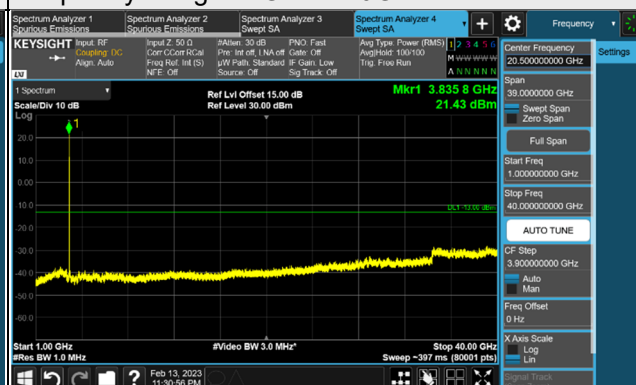


Channel 656000 (3840.00MHz)

Frequency Range : 9kHz ~ 1GHz

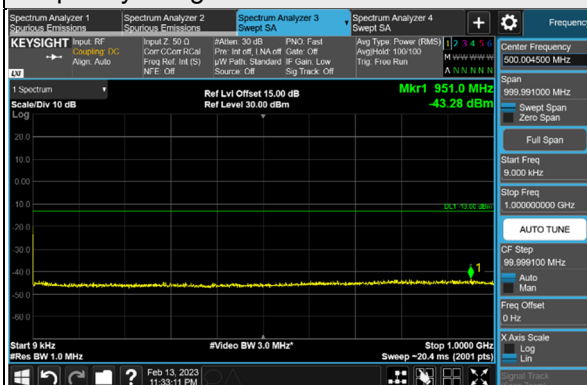


Frequency Range : 1GHz ~ 40GHz

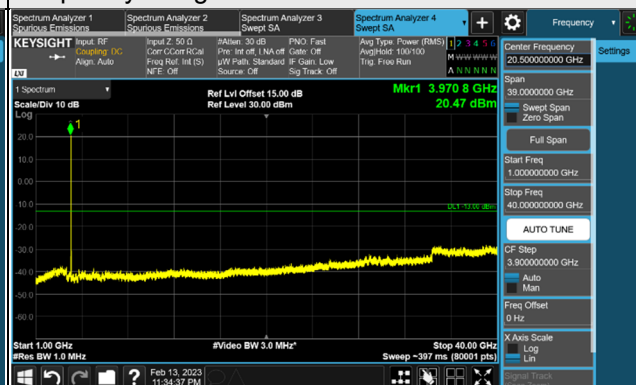


Channel 665000 (3975.00MHz)

Frequency Range : 9kHz ~ 1GHz



Frequency Range : 1GHz ~ 40GHz

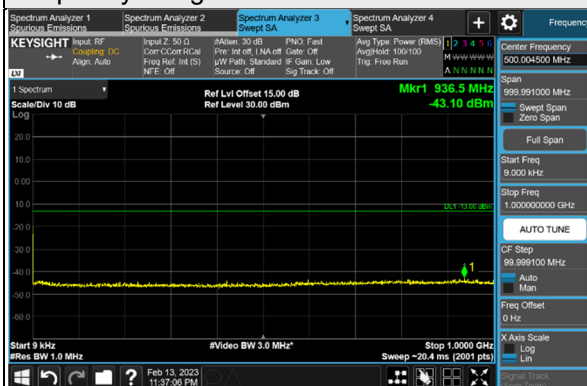


*The 9kHz signal over the limit is from Spectrum.

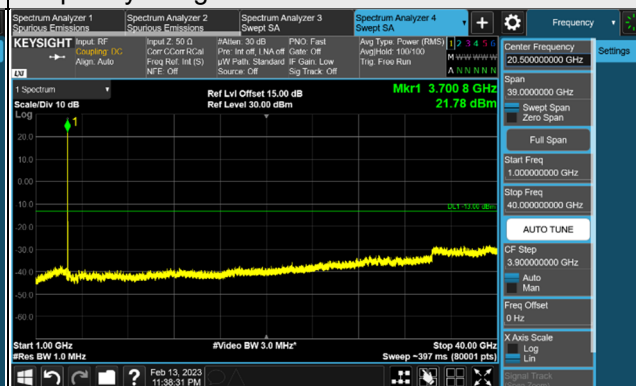
n77, Channel Bandwidth 15MHz

Channel 647168 (3707.52MHz)

Frequency Range : 9kHz ~ 1GHz

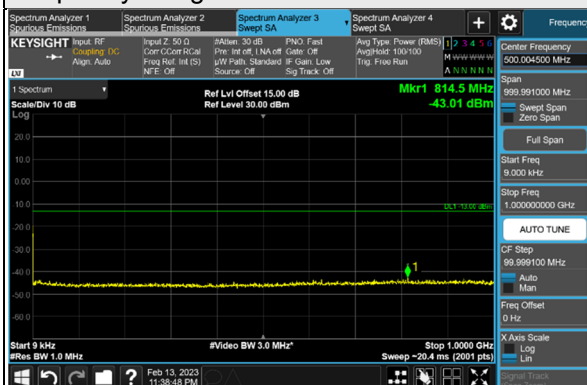


Frequency Range : 1GHz ~ 40GHz

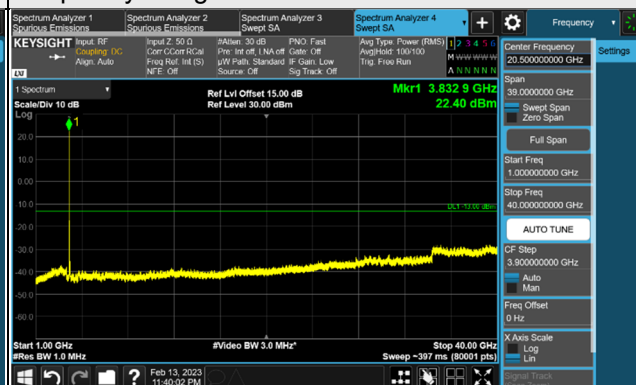


Channel 656000 (3840.00MHz)

Frequency Range : 9kHz ~ 1GHz

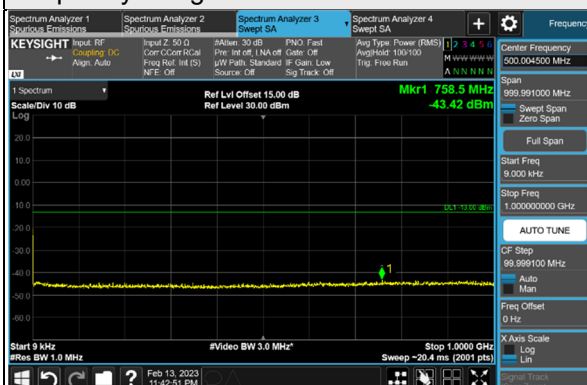


Frequency Range : 1GHz ~ 40GHz

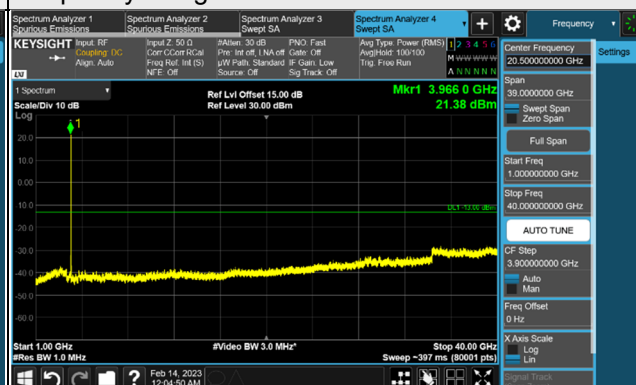


Channel 664832 (3972.48MHz)

Frequency Range : 9kHz ~ 1GHz



Frequency Range : 1GHz ~ 40GHz

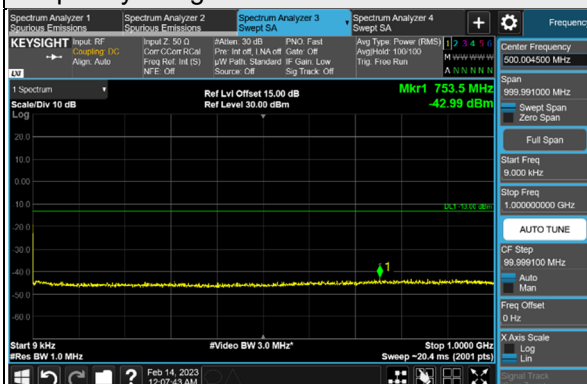


*The 9kHz signal over the limit is from Spectrum.

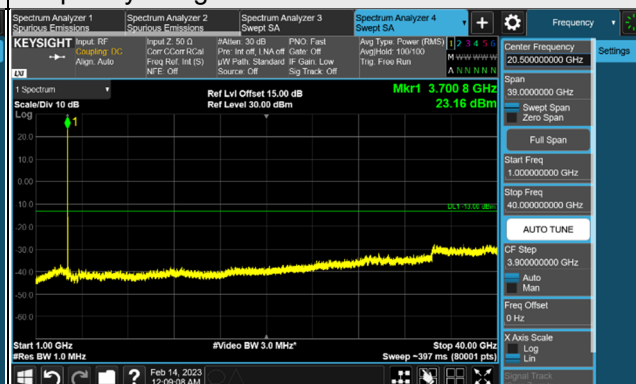
n77, Channel Bandwidth 20MHz

Channel 647334 (3710.01MHz)

Frequency Range : 9kHz ~ 1GHz

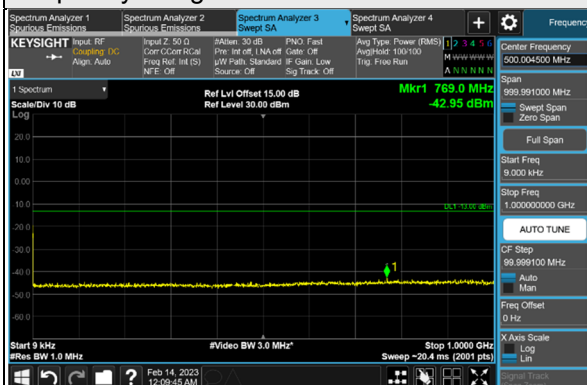


Frequency Range : 1GHz ~ 40GHz

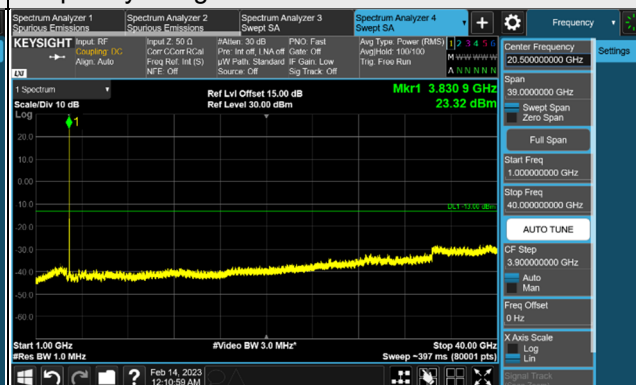


Channel 656000 (3840.00MHz)

Frequency Range : 9kHz ~ 1GHz

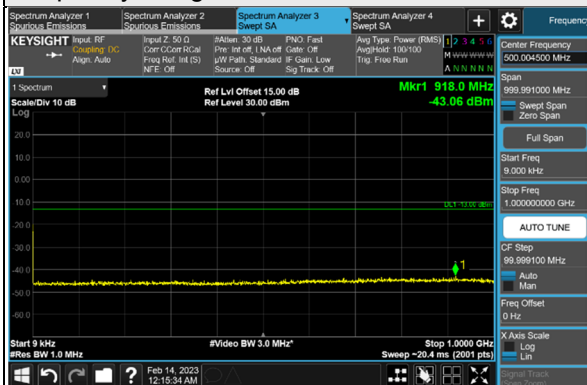


Frequency Range : 1GHz ~ 40GHz

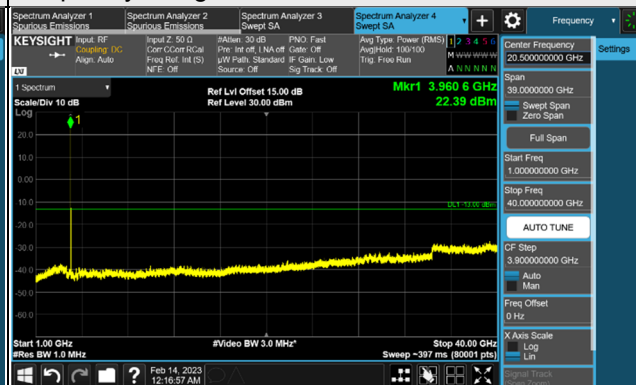


Channel 664666 (3969.99MHz)

Frequency Range : 9kHz ~ 1GHz



Frequency Range : 1GHz ~ 40GHz



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