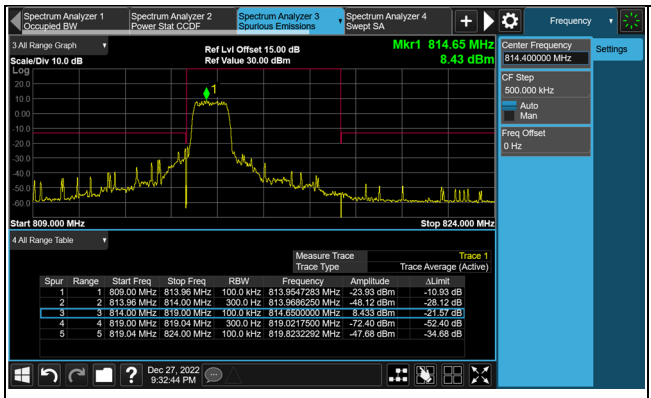
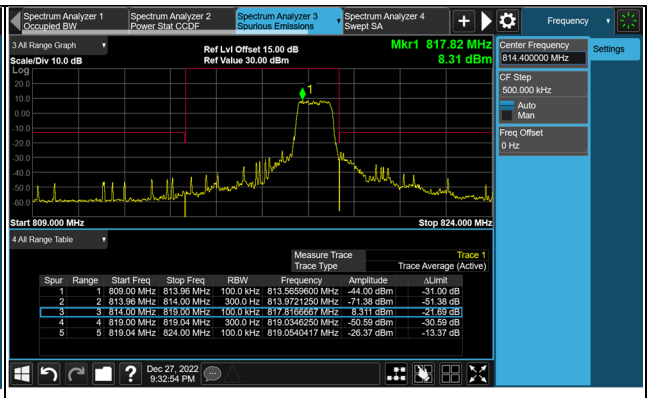
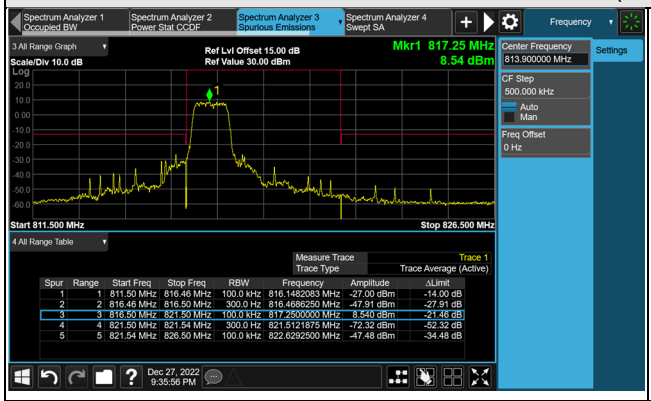
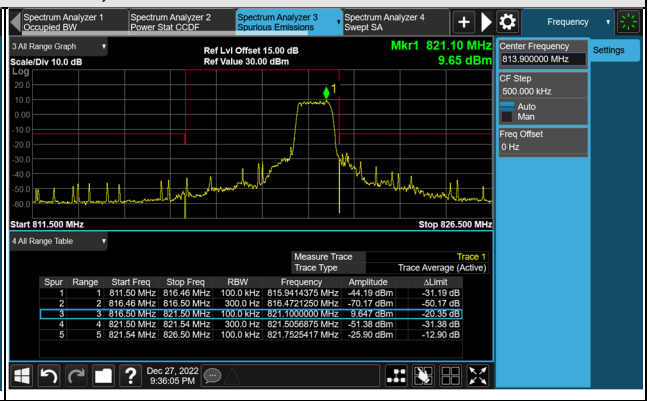
LTE Band 26 (Channel Bandwidth 5MHz)



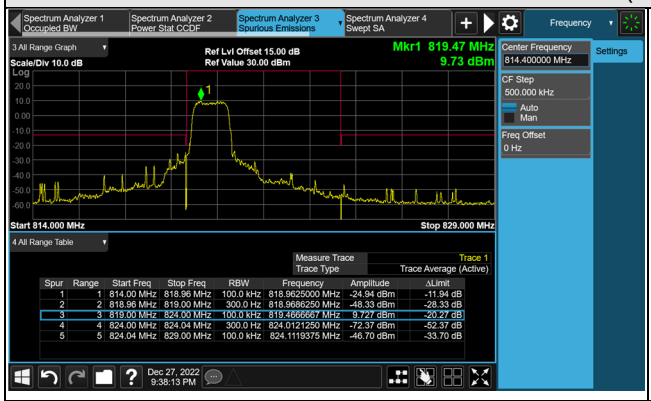


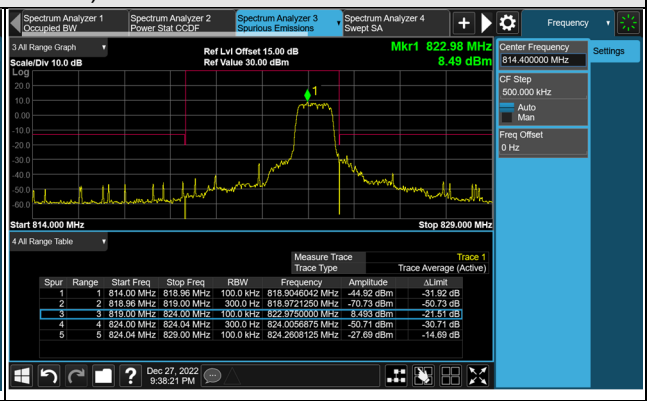
FULL (816.5MHz)



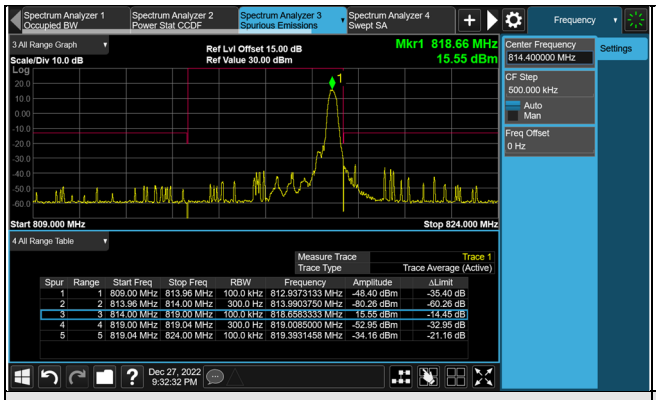


FULL (819MHz)

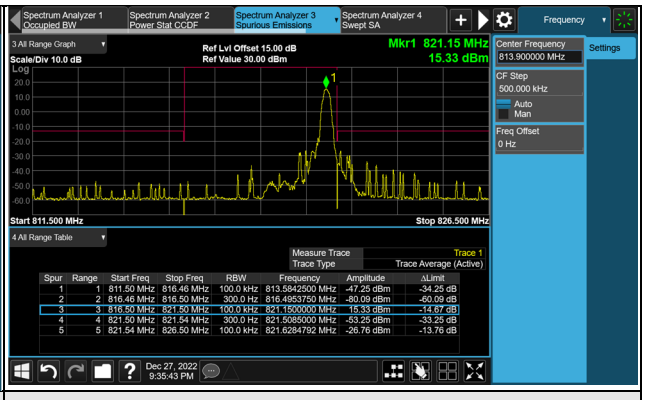




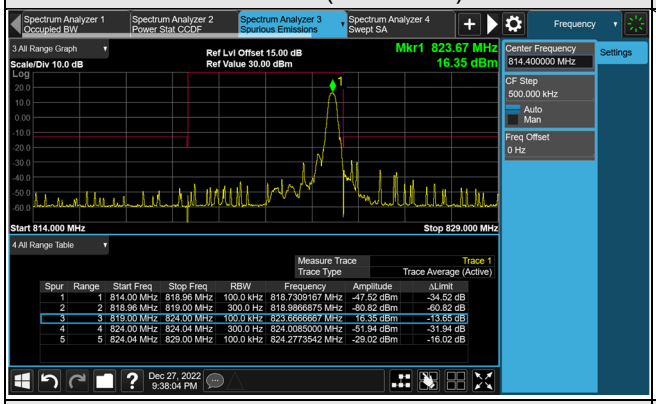
FULL (821.5MHz)



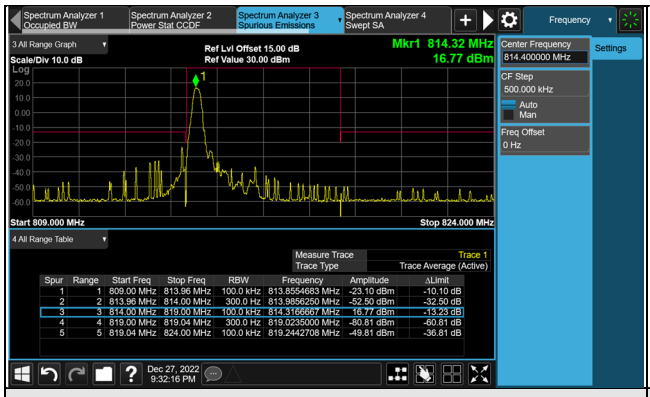
1RB#MAX (816.5MHz)



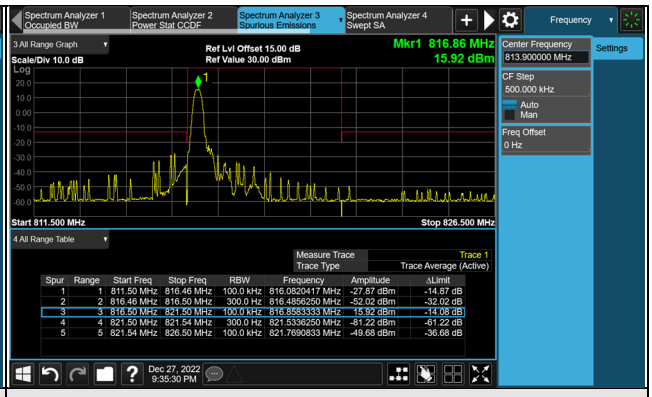
1RB#MAX (819MHz)



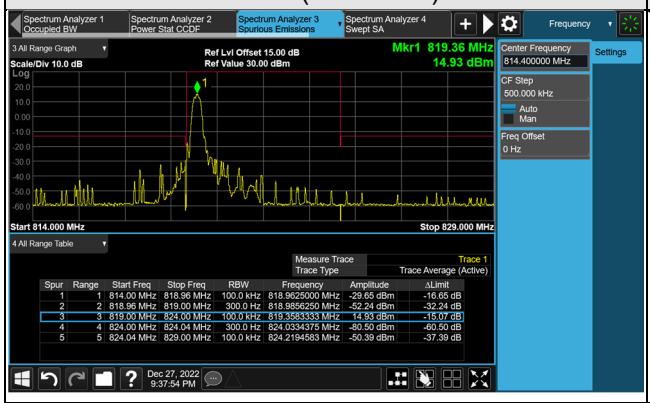
1RB#MAX (821.5MHz)



1RB#0 (816.5MHz)

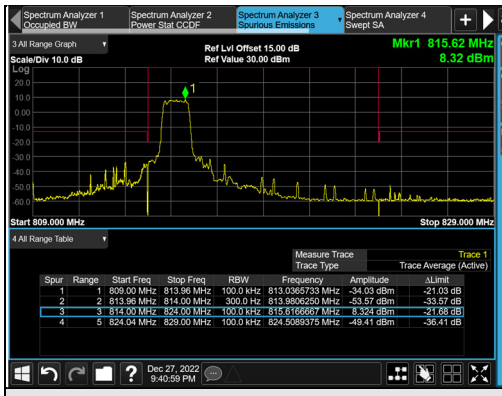


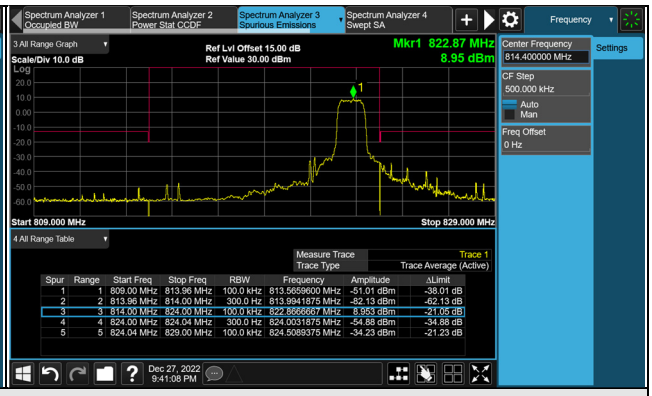
1RB#0 (819MHz)



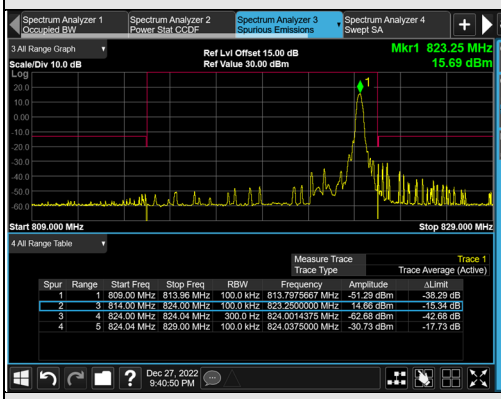
1RB#0 (821.5MHz)

LTE Band 26 (Channel Bandwidth 10MHz)

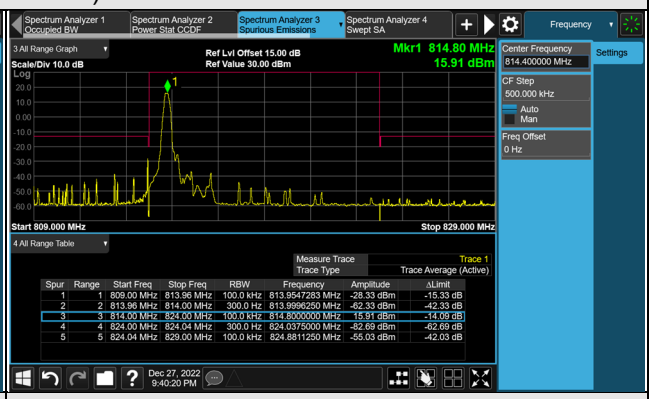




FULL (819MHz)



1RB#MAX (819MHz)



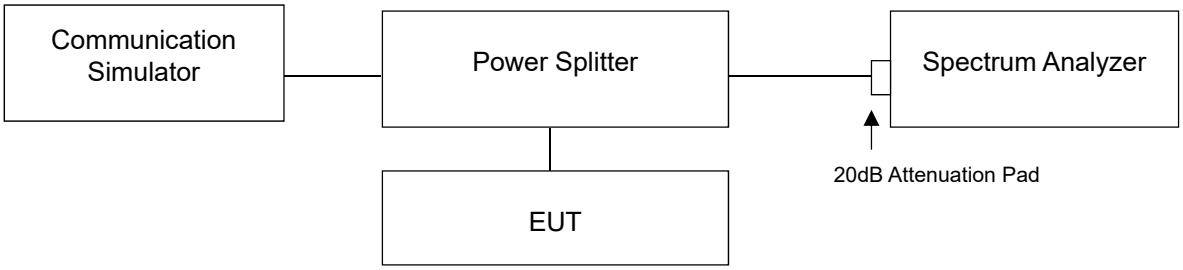
1RB#0 (819MHz)

4.6 Conducted Spurious Emissions

4.6.1 Limits of Conducted Spurious Emissions Measurement

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least 43 +10 $\log_{10}$(P) dB. The limit of emission equal to –13dBm.

4.6.2 Test Setup

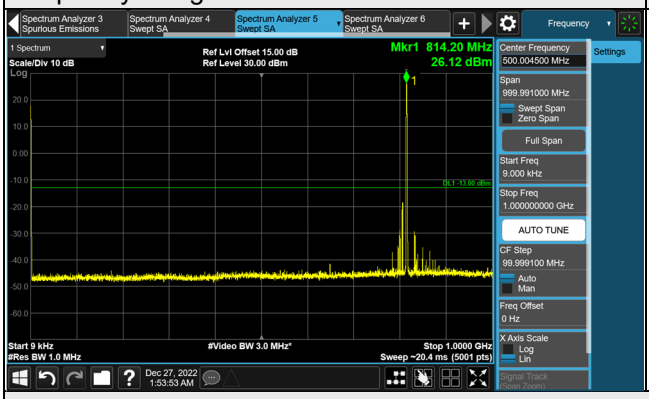
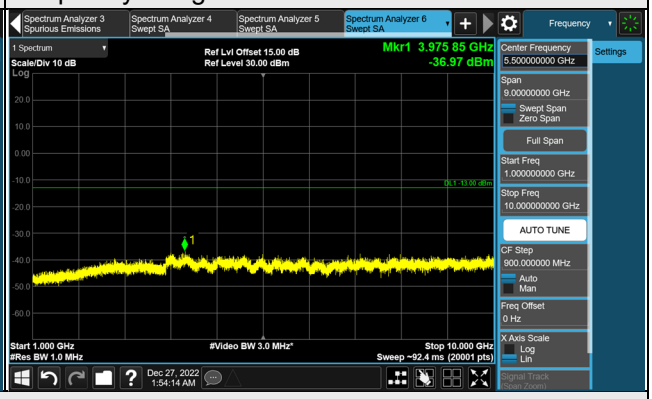
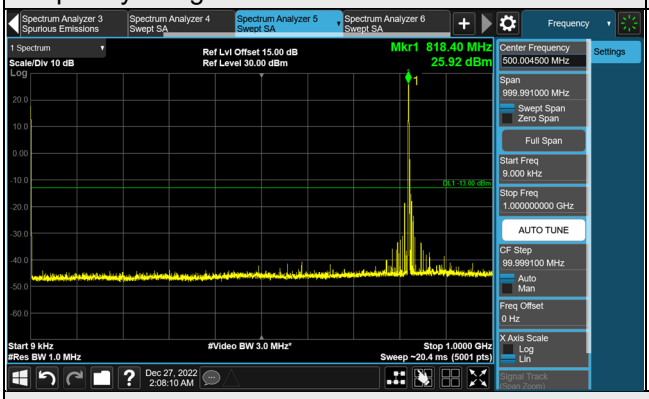
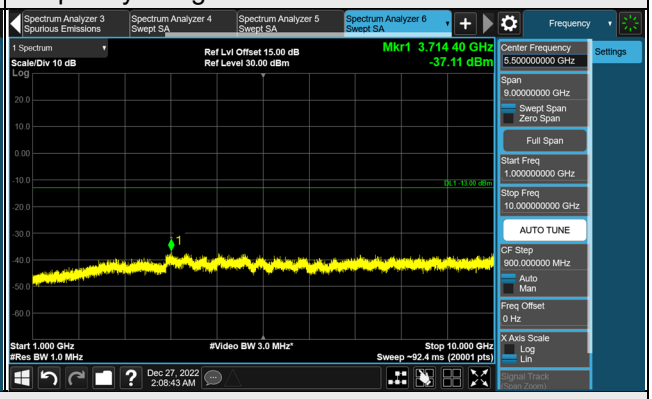
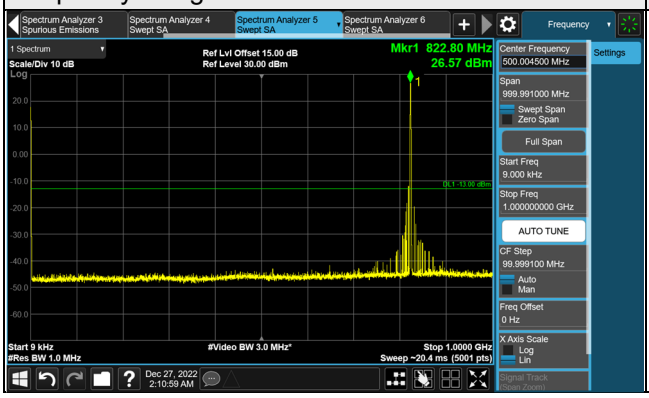
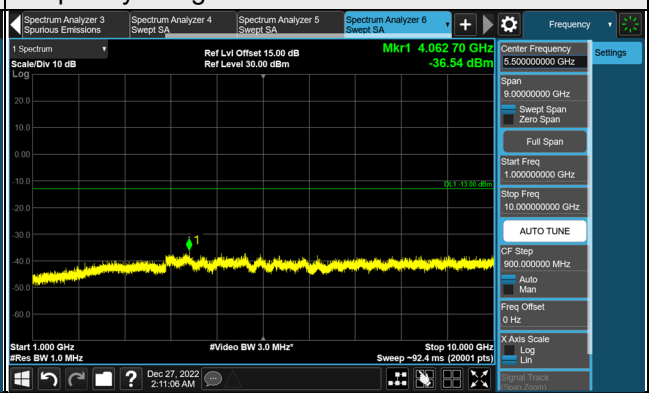


4.6.3 Test Procedure

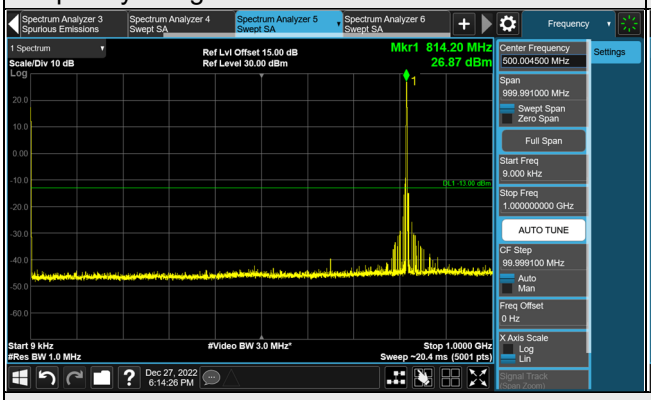
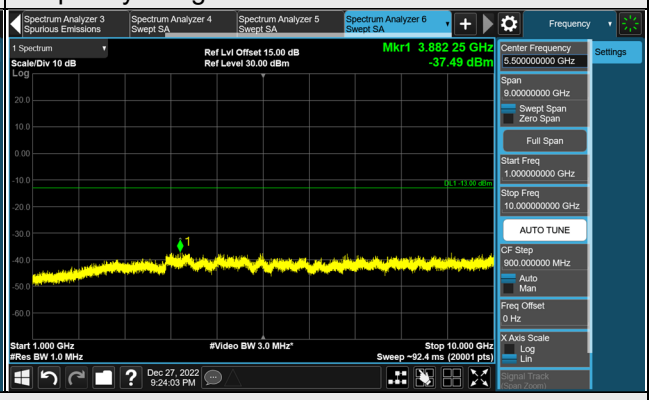
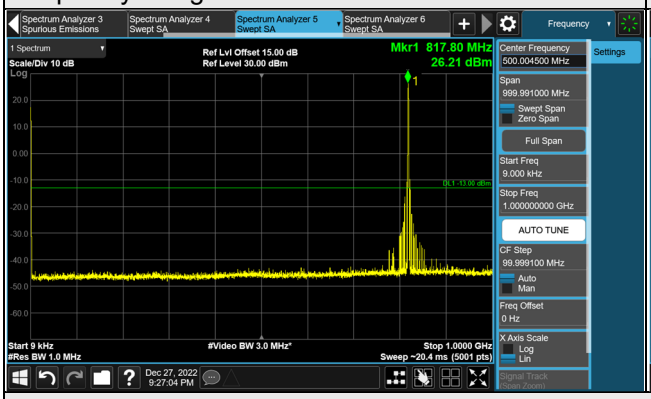
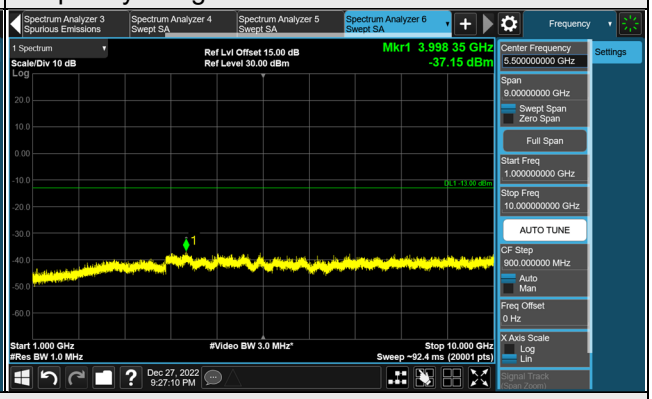
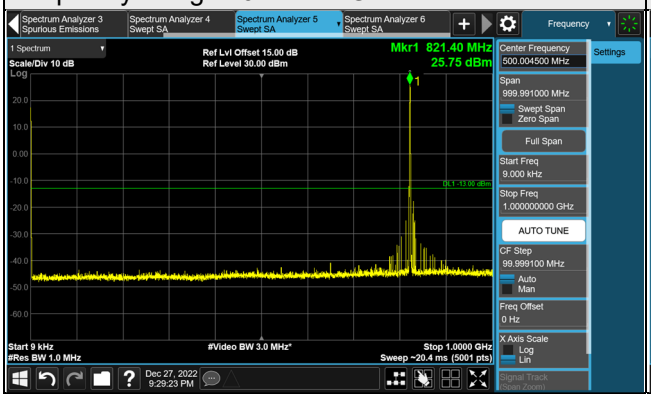
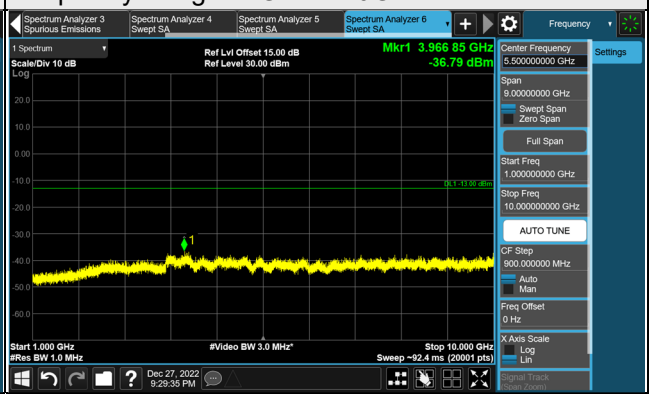
a. The EUT makes a phone call to the communication simulator. All measurements were done at low, middle and high operational frequency range.
b. Measuring frequency range is from 9kHz to 10GHz. 20dB attenuation pad is connected with spectrum. Detector = Average, RBW=1MHz and VBW=3MHz are used for eMTC band conducted emission measurement.

4.6.4 Test Results

eMTC

LTE Band 26, Channel Bandwidth 1.4MHz	
Channel 26697 (814.7MHz)	
Frequency Range : 9kHz ~ 1GHz	Frequency Range : 1GHz ~ 10GHz
	
Channel 26740 (819.0MHz)	
Frequency Range : 9kHz ~ 1GHz	Frequency Range : 1GHz ~ 10GHz
	
Channel 26783 (823.3MHz)	
Frequency Range : 9kHz ~ 1GHz	Frequency Range : 1GHz ~ 10GHz
	

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

LTE Band 26, Channel Bandwidth 3MHz	
Channel 26705 (815.5MHz)	
Frequency Range : 9kHz ~ 1GHz	Frequency Range : 1GHz ~ 10GHz
	
Channel 26740 (819.0MHz)	
Frequency Range : 9kHz ~ 1GHz	Frequency Range : 1GHz ~ 10GHz
	
Channel 26775 (822.5MHz)	
Frequency Range : 9kHz ~ 1GHz	Frequency Range : 1GHz ~ 10GHz
	

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