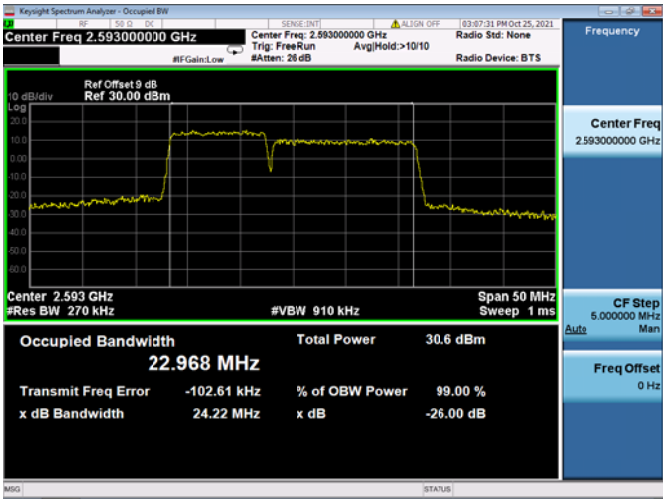
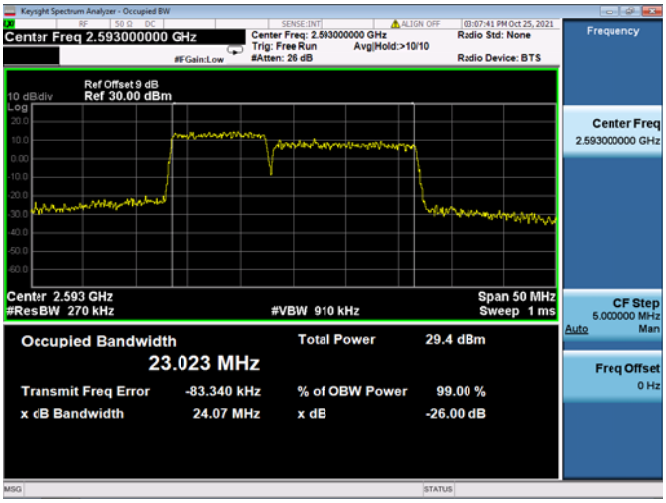
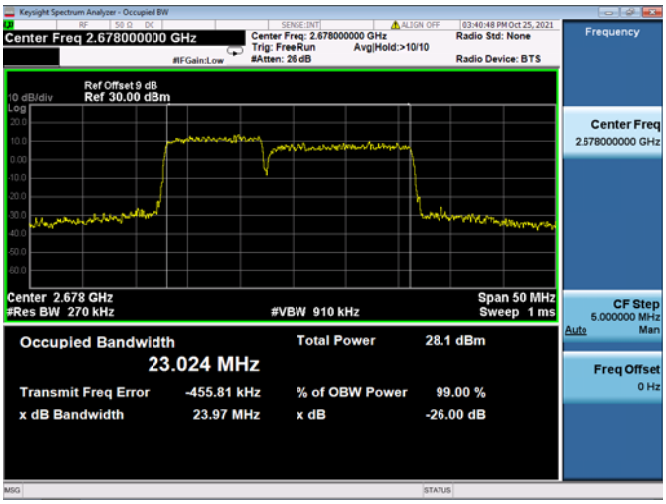
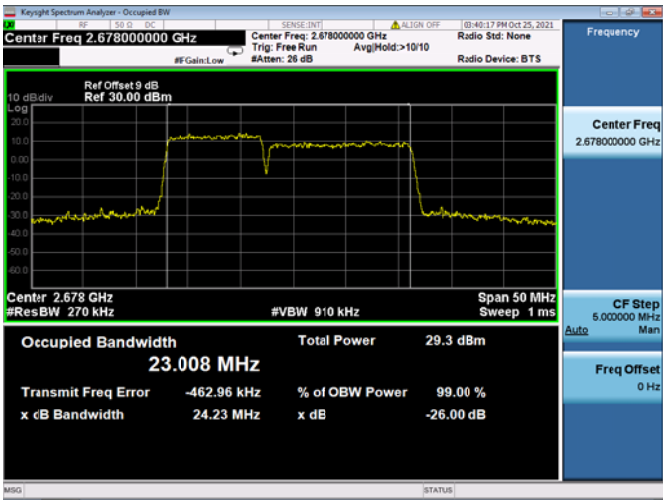
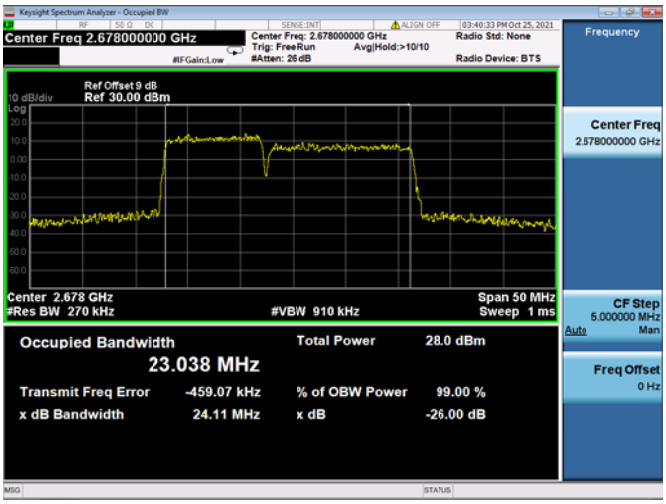
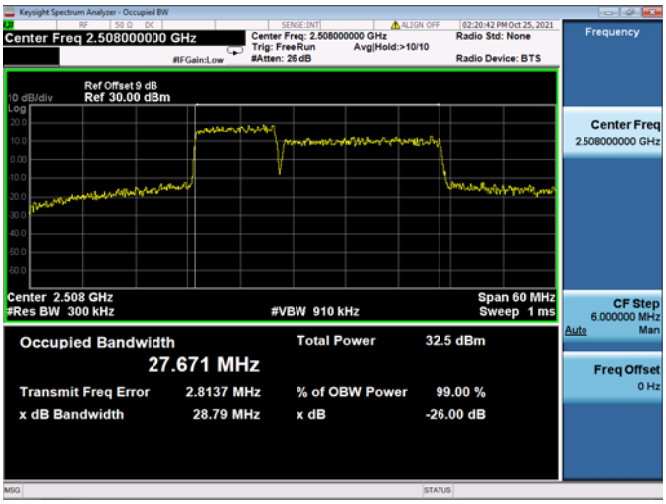
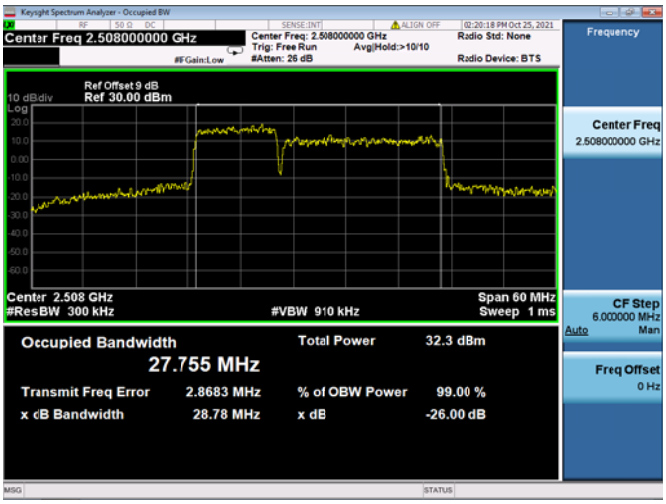
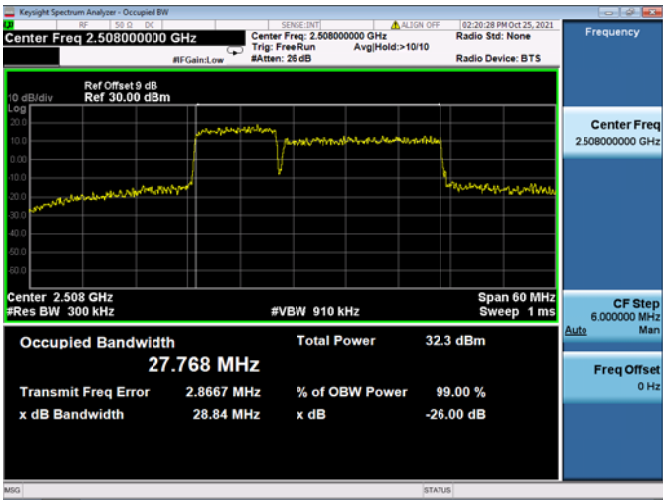
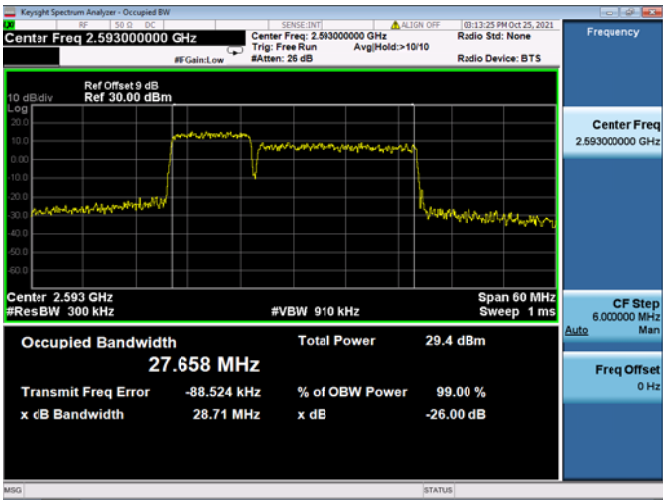
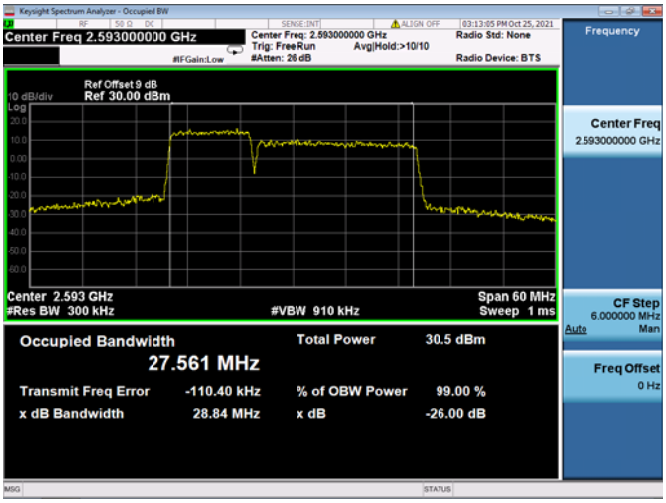
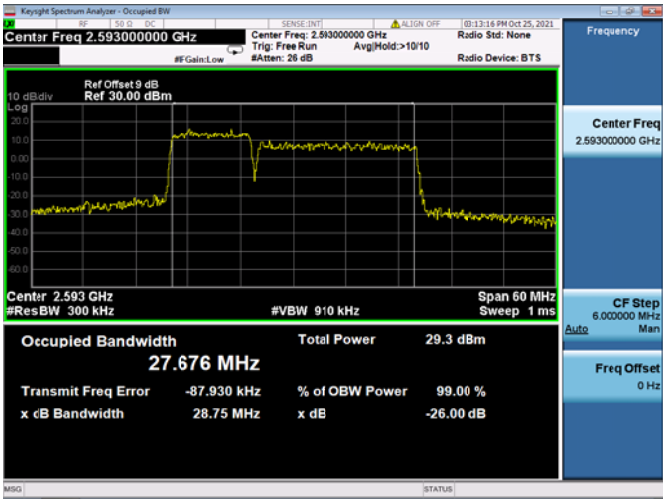
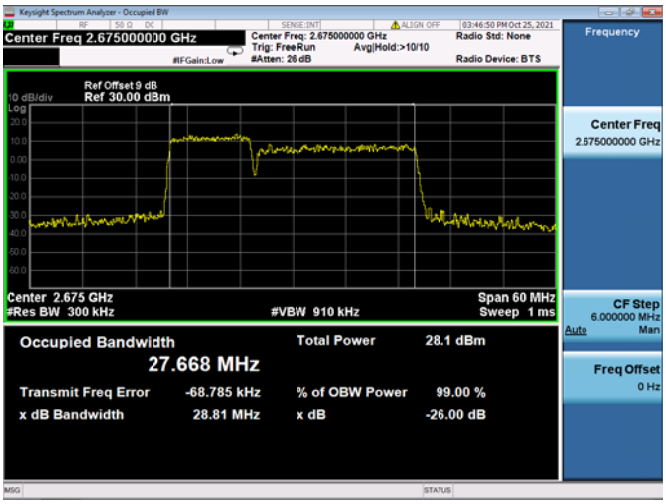
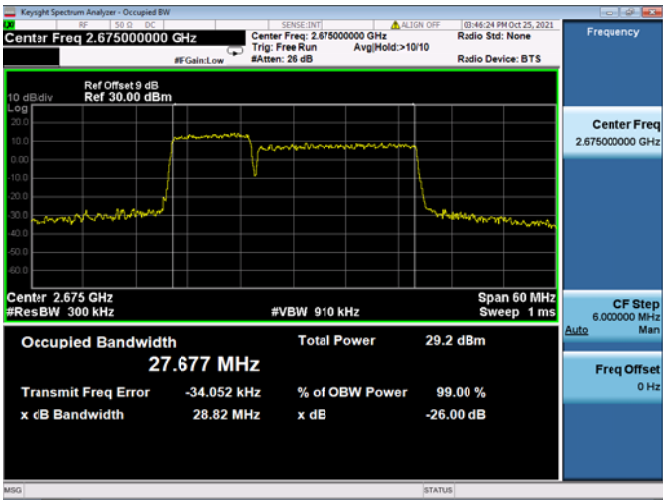
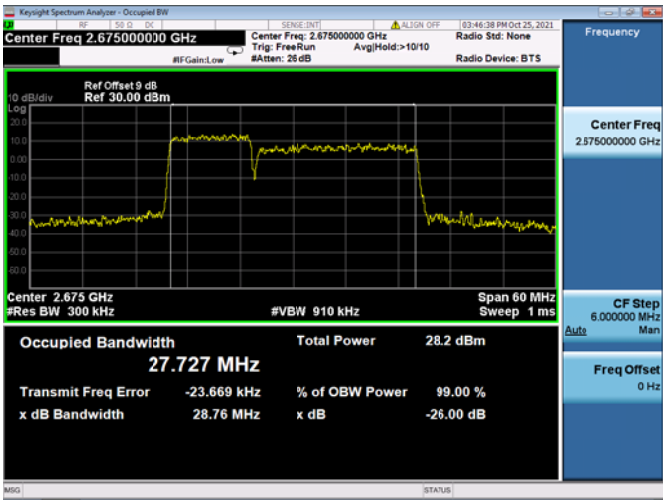
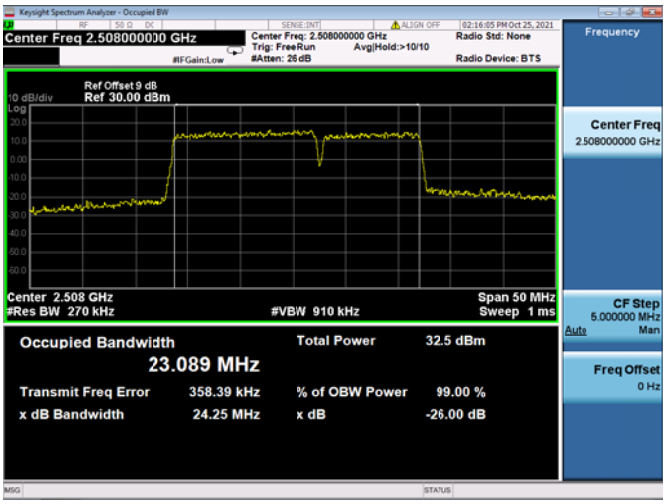
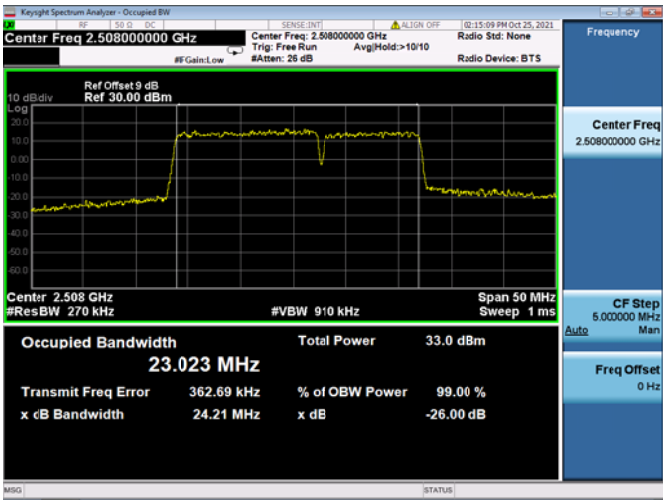
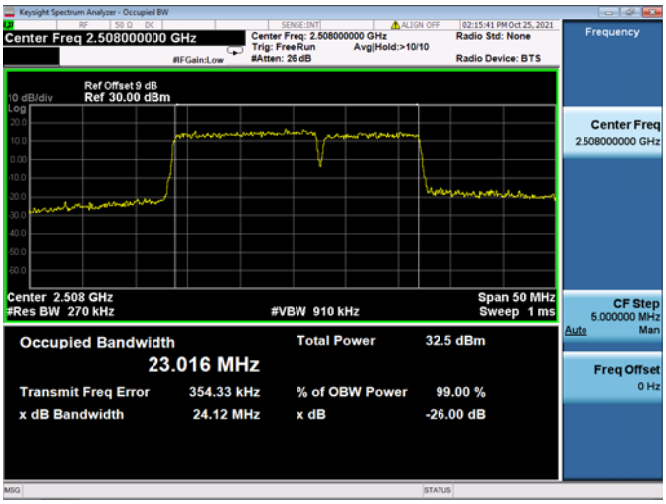
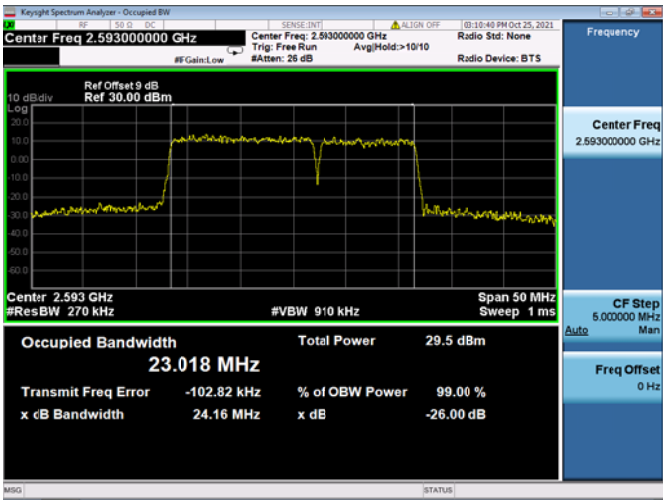
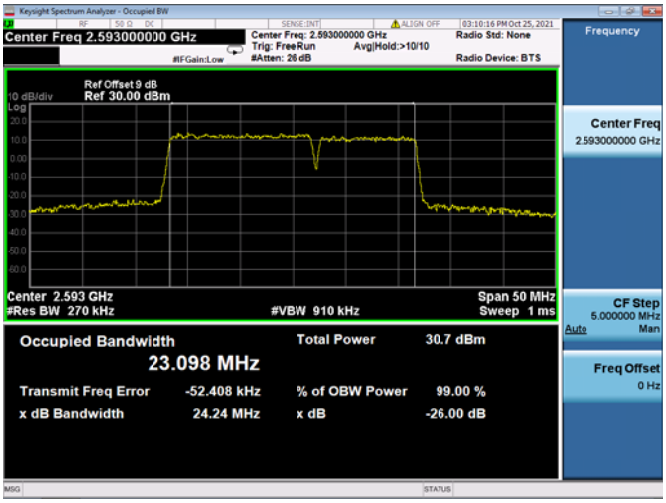
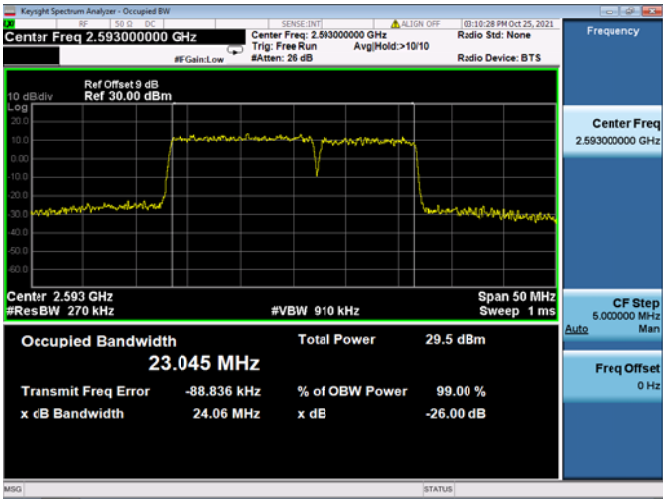
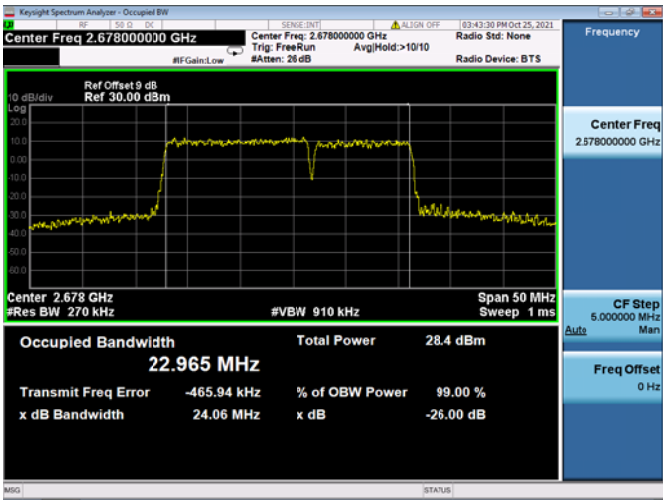
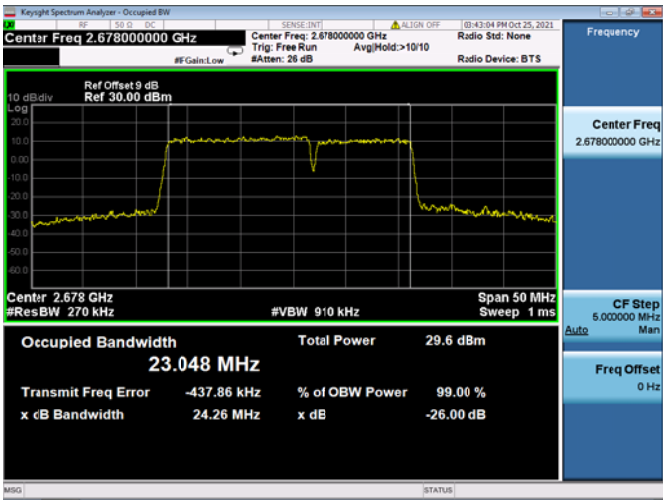
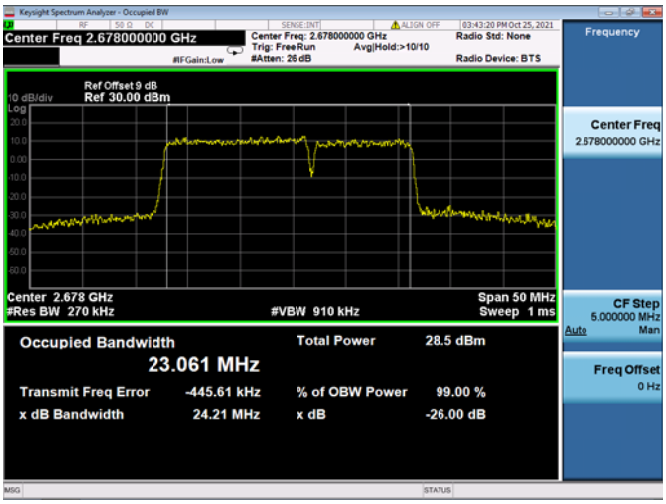
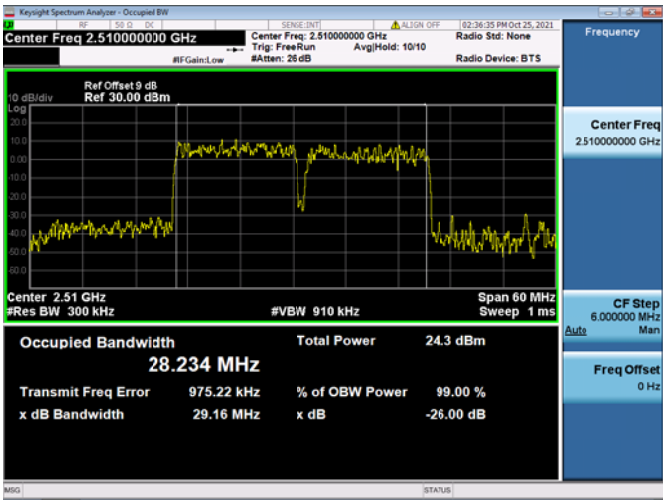
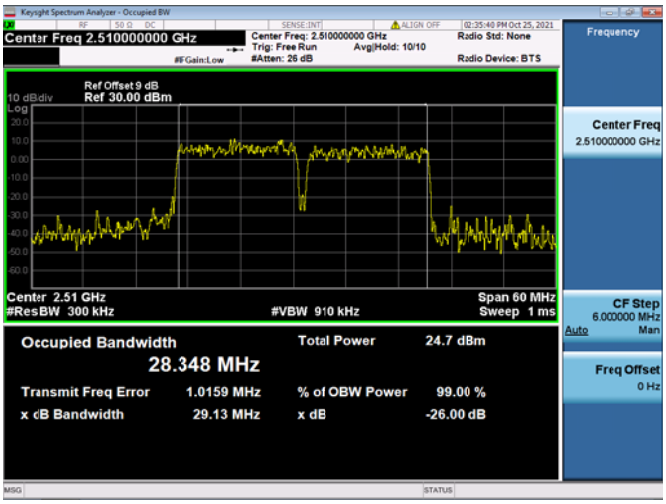
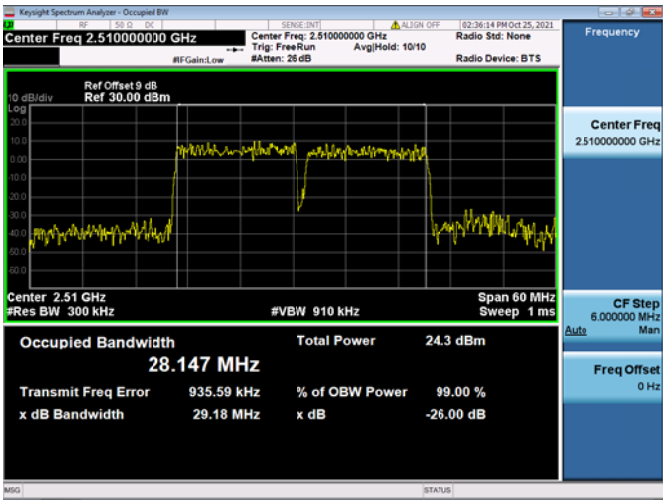
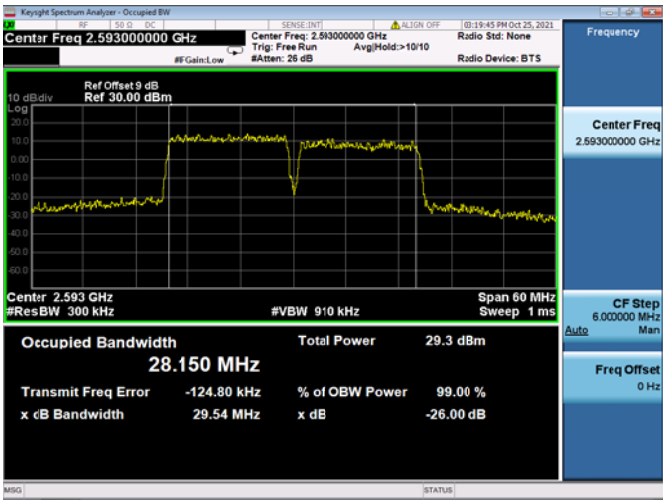
10MHz+15MHz / 16QAM / MCH	10MHz+15MHz / 64QAM / MCH
	
10MHz+15MHz / QPSK / HCH	**10MHz+15MHz / 16QAM / HCH**
	
10MHz+15MHz / 64QAM/ HCH	N/A
	

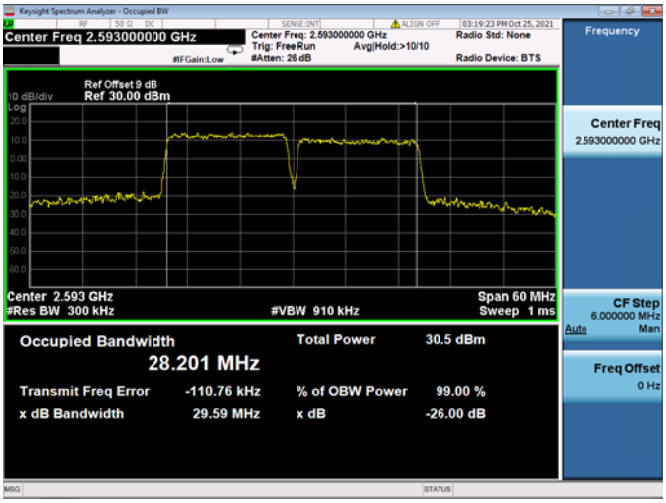
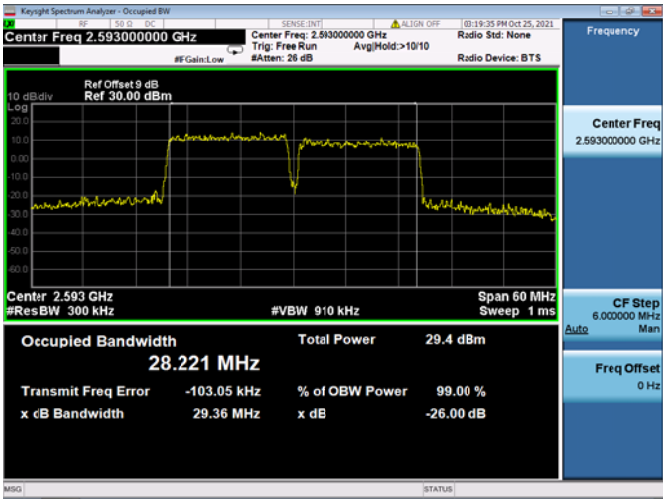
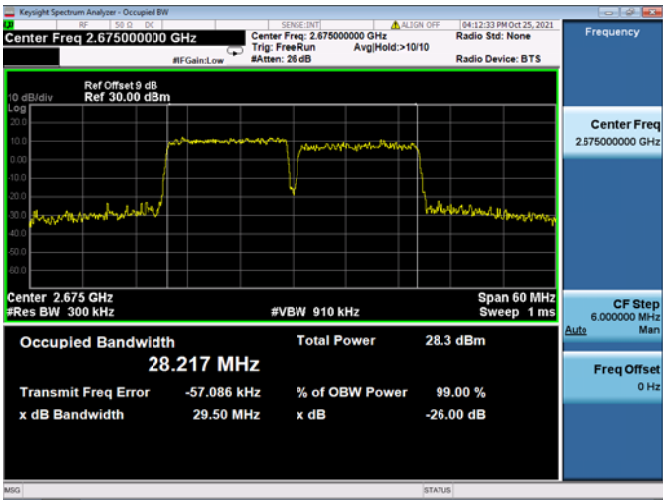
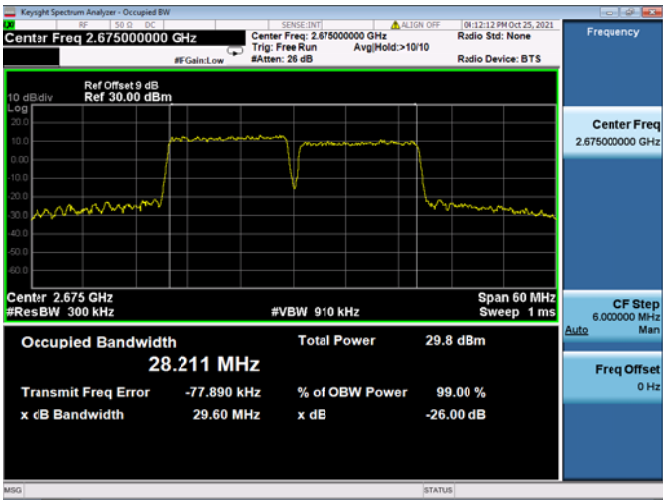
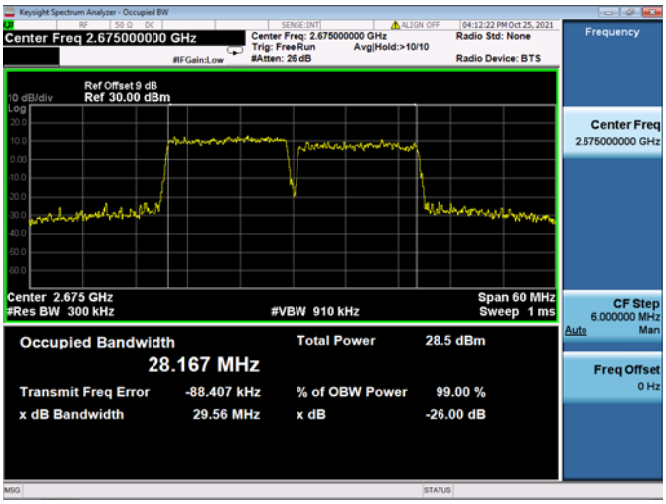
LTE CA_41C	
10MHz+20MHz / QPSK / LCH	10MHz+20MHz / 16QAM / LCH
	
10MHz+20MHz / 64QAM / LCH	10MHz+20MHz / QPSK / MCH
	

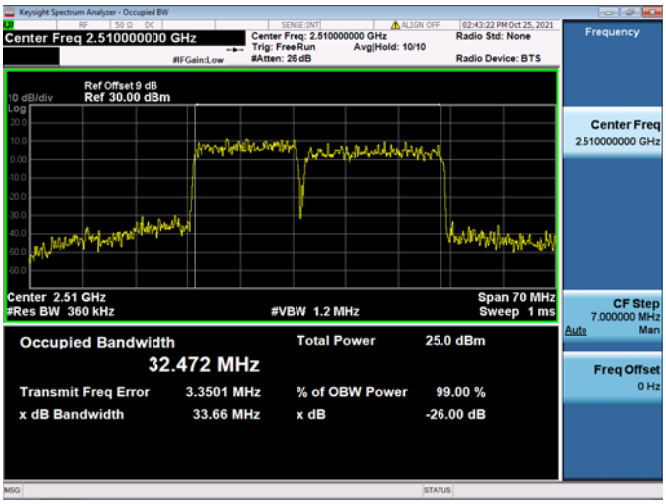
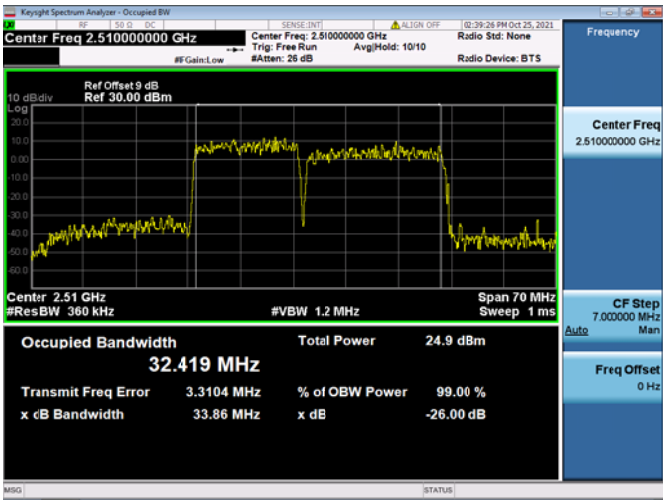
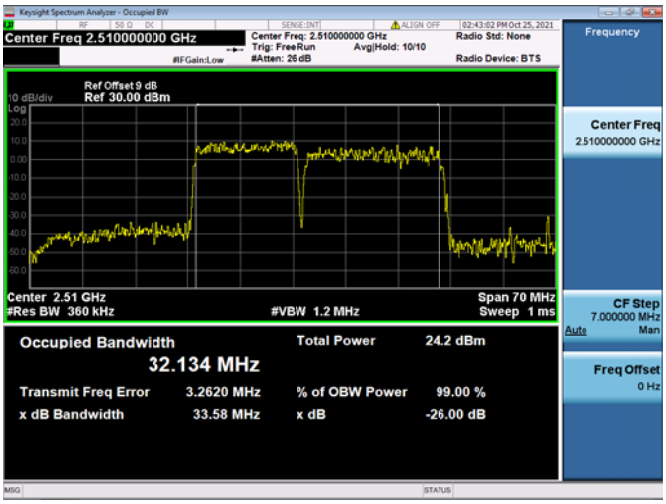
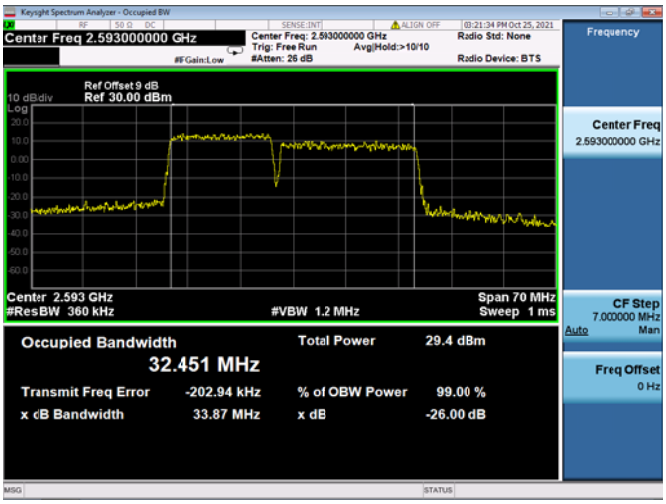
10MHz+20MHz / 16QAM / MCH	10MHz+20MHz / 64QAM / MCH
	
10MHz+20MHz / QPSK / HCH	**10MHz+20MHz / 16QAM / HCH**
	
10MHz+20MHz / 64QAM/ HCH	N/A
	

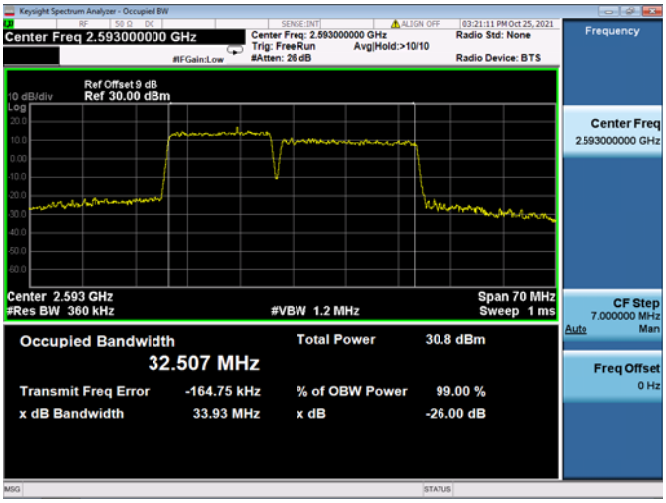
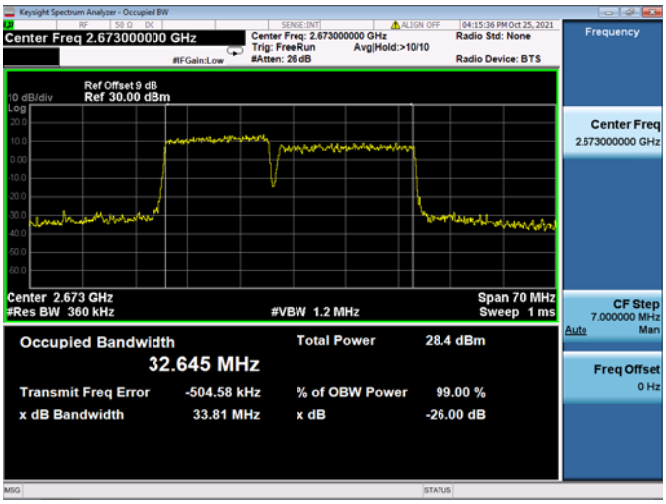
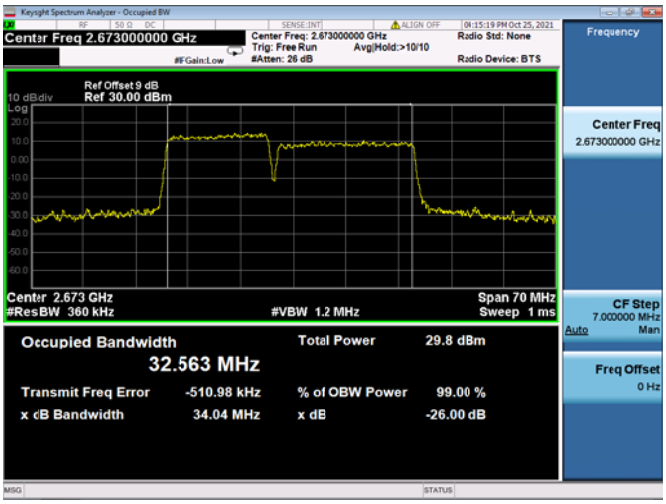
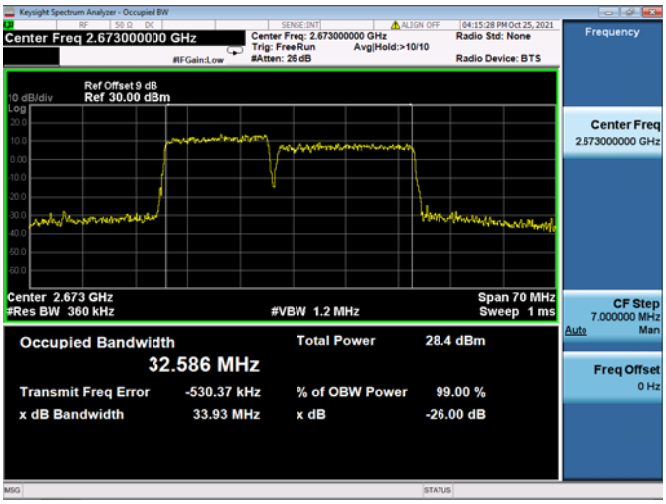
LTE CA_41C	
15MHz+10MHz / QPSK / LCH	15MHz+10MHz / 16QAM / LCH
	
15MHz+10MHz / 64QAM / LCH	15MHz+10MHz / QPSK / MCH
	

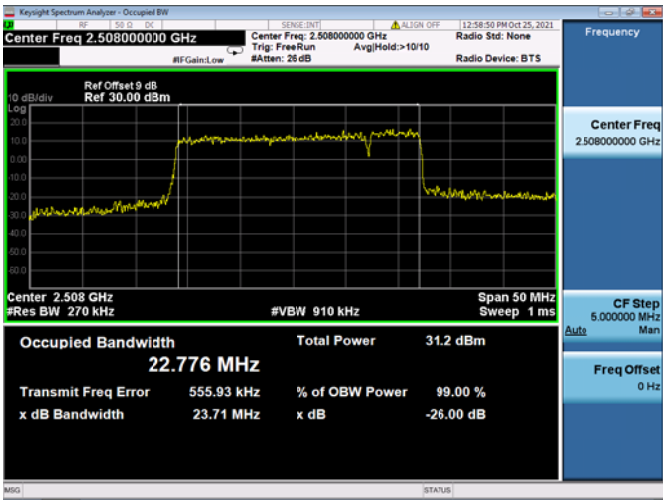
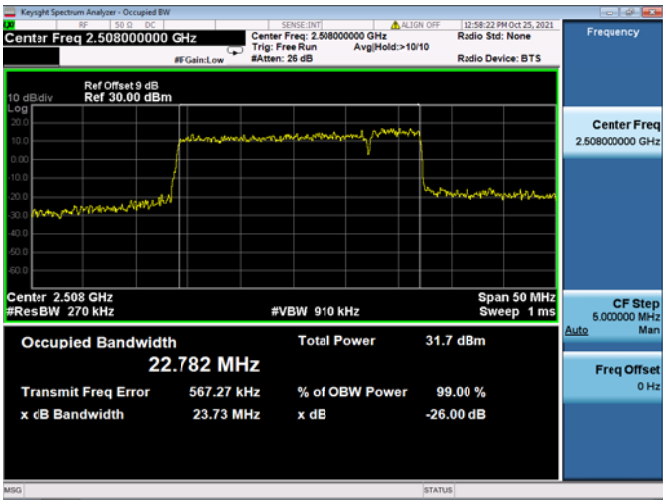
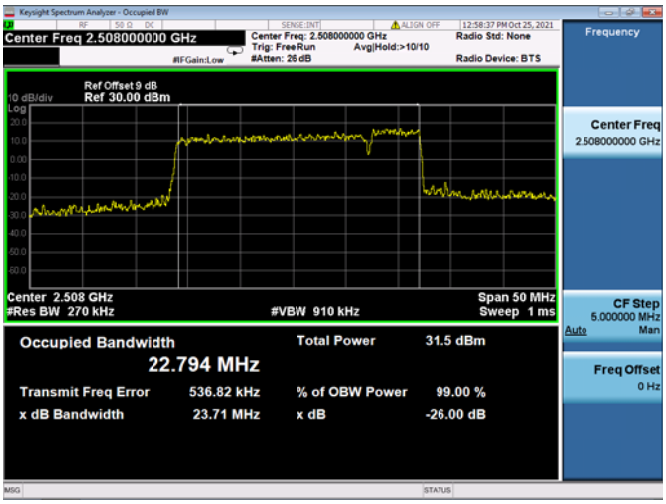
15MHz+10MHz / 16QAM / MCH	15MHz+10MHz / 64QAM / MCH
	
15MHz+10MHz / QPSK / HCH	**15MHz+10MHz / 16QAM / HCH**
	
15MHz+10MHz / 64QAM/ HCH	N/A
	

LTE CA_41C	
15MHz+15MHz / QPSK / LCH	15MHz+15MHz / 16QAM / LCH
	
15MHz+15MHz / 64QAM / LCH	15MHz+15MHz / QPSK / MCH
	

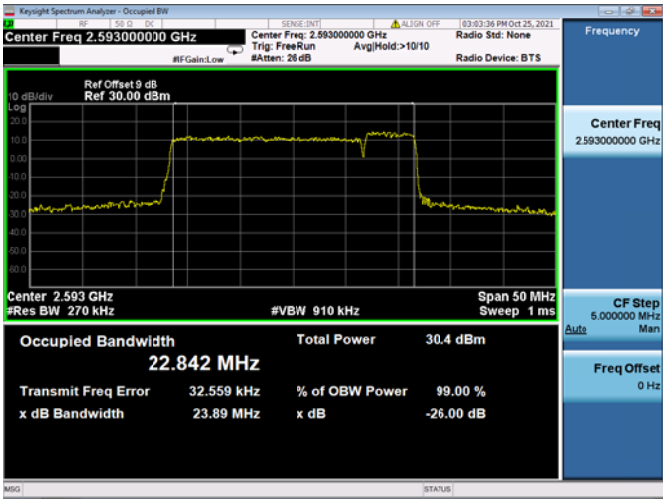
15MHz+15MHz / 16QAM / MCH	15MHz+15MHz / 64QAM / MCH
	
15MHz+15MHz / QPSK / HCH	15MHz+15MHz / 16QAM / HCH
	
15MHz+15MHz / 64QAM/ HCH	
	N/A

LTE CA_41C	
15MHz+20MHz / QPSK / LCH	15MHz+20MHz / 16QAM / LCH
	
15MHz+20MHz / 64QAM / LCH	15MHz+20MHz / QPSK / MCH
	

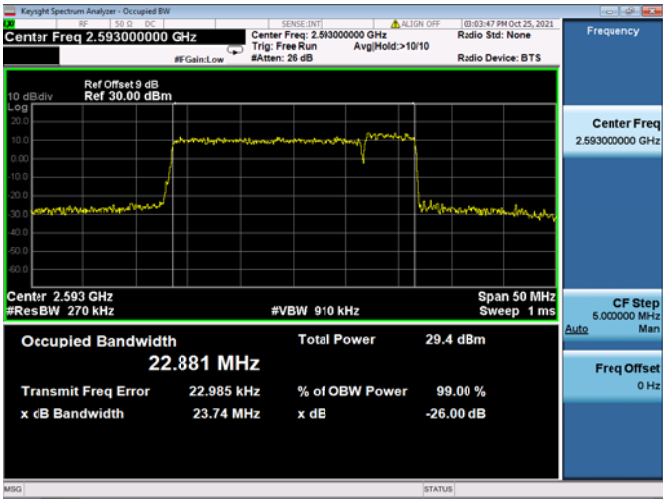
15MHz+20MHz / 16QAM / MCH	15MHz+20MHz / 64QAM / MCH
	
15MHz+20MHz / QPSK / HCH	**15MHz+20MHz / 16QAM / HCH**
	
15MHz+20MHz / 64QAM/ HCH	N/A
	

LTE CA_41C	
20MHz+5MHz / QPSK / LCH	20MHz+5MHz / 16QAM / LCH
	
20MHz+5MHz / 64QAM / LCH	20MHz+5MHz / QPSK / MCH
	

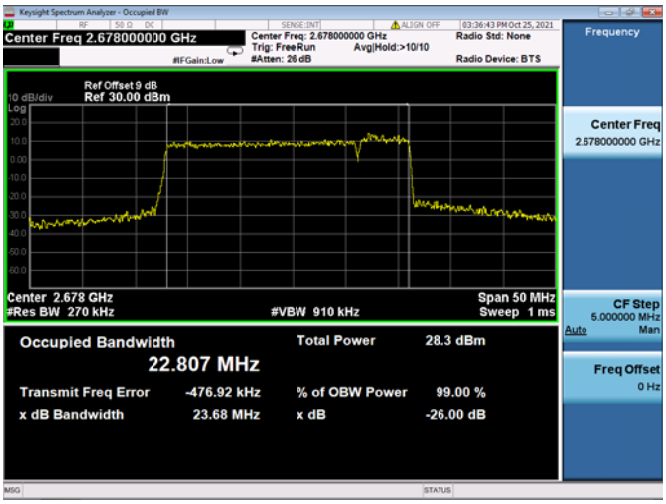
20MHz+5MHz / 16QAM / MCH



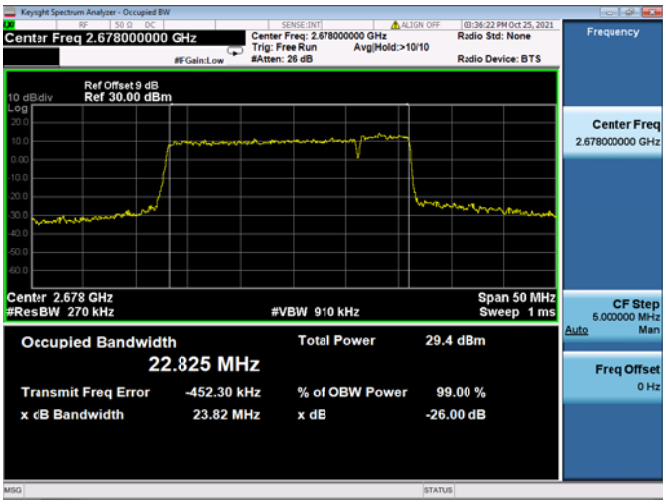
20MHz+5MHz / 64QAM / MCH



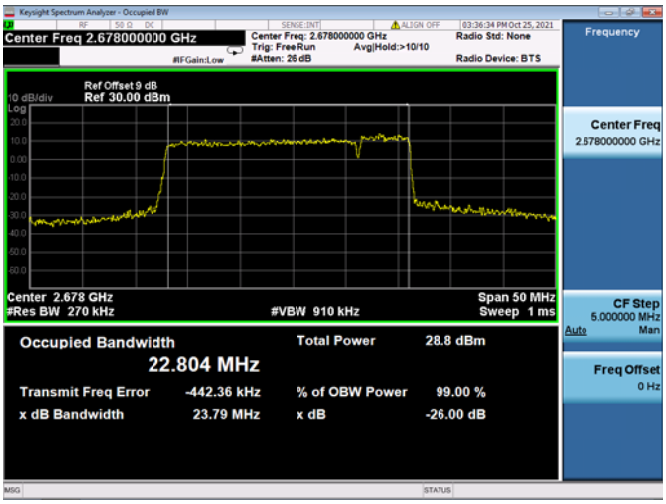
20MHz+5MHz / QPSK / HCH



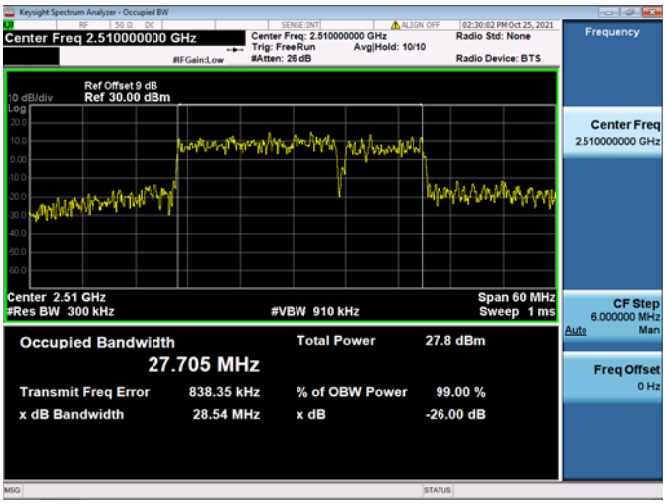
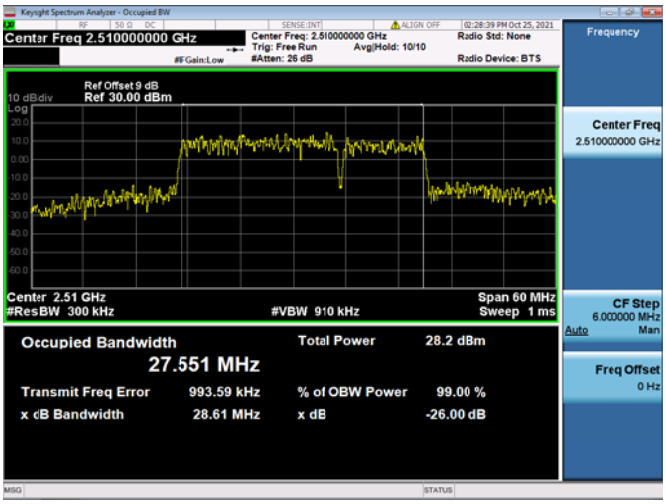
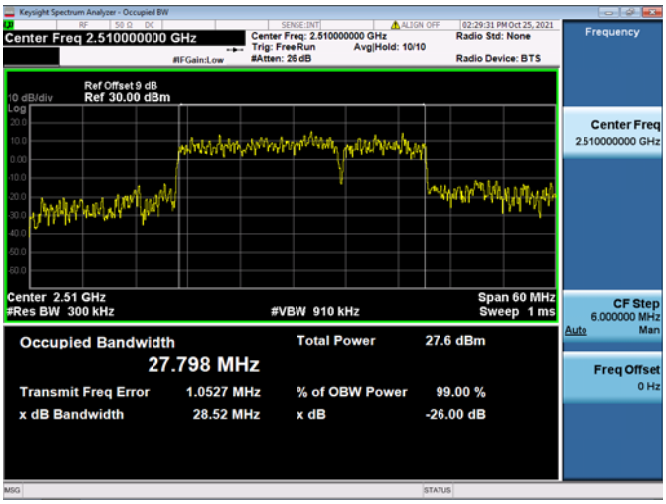
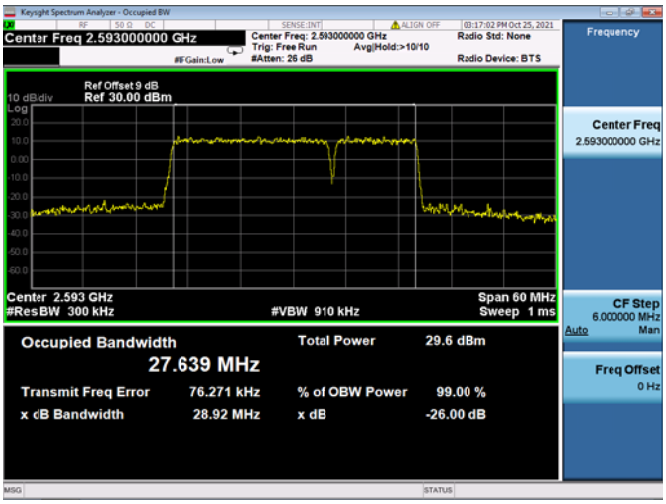
20MHz+5MHz / 16QAM / HCH

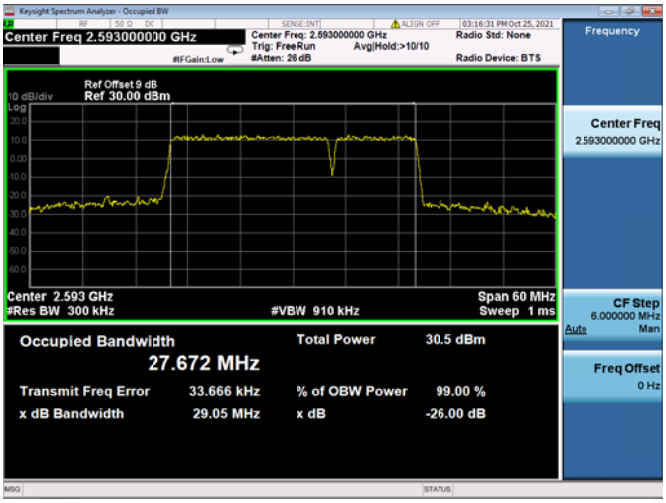
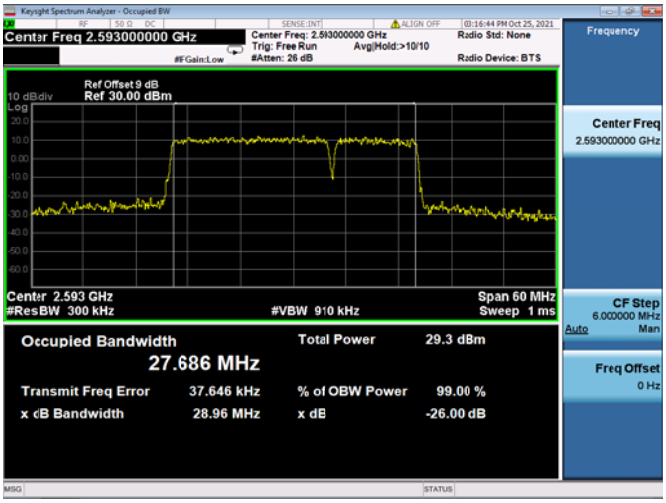
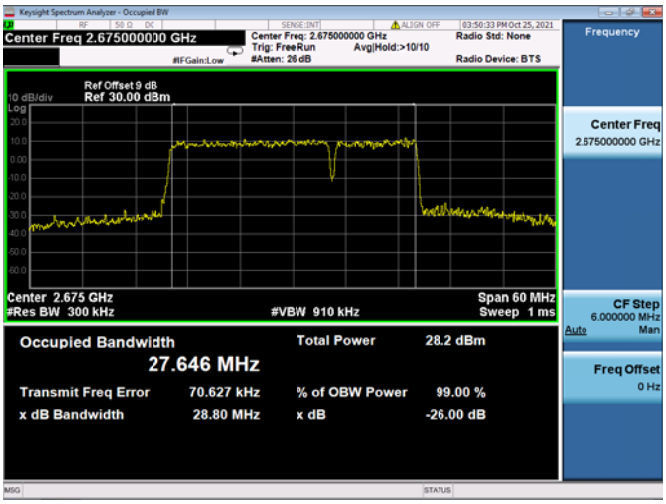
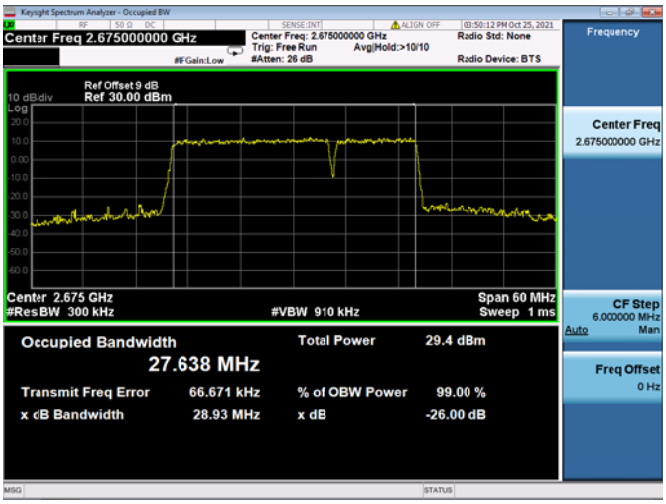
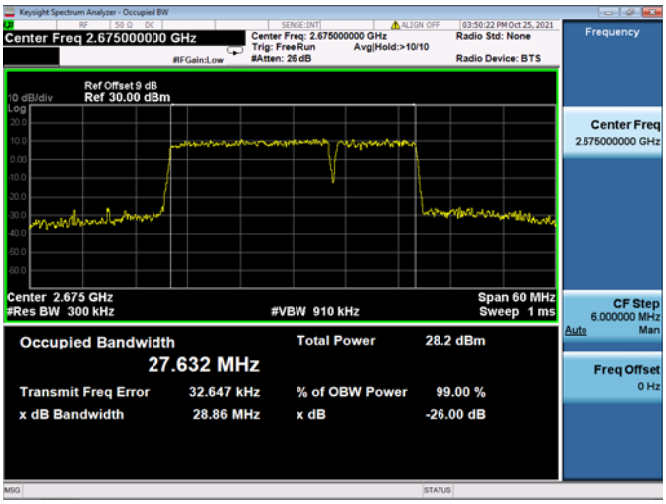


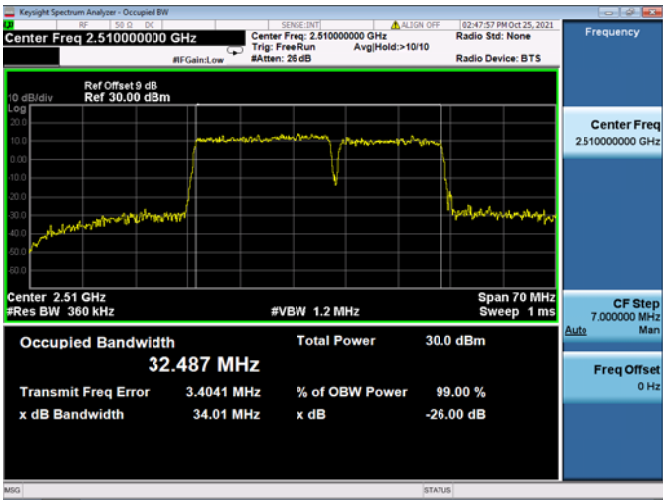
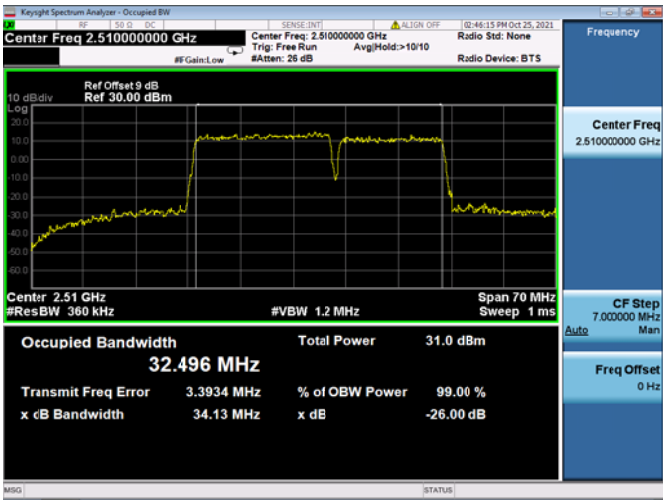
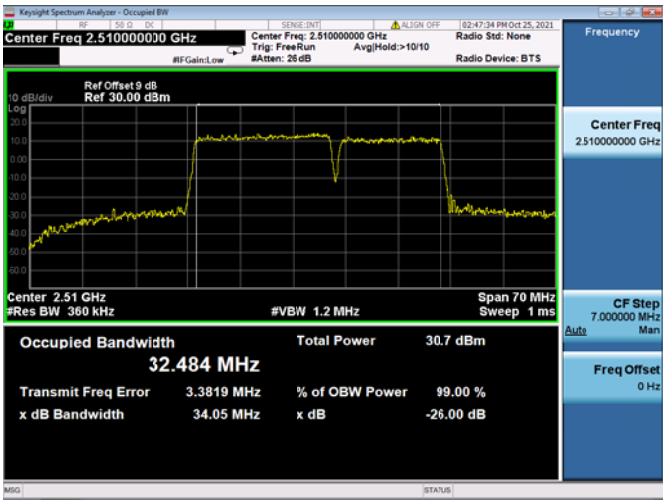
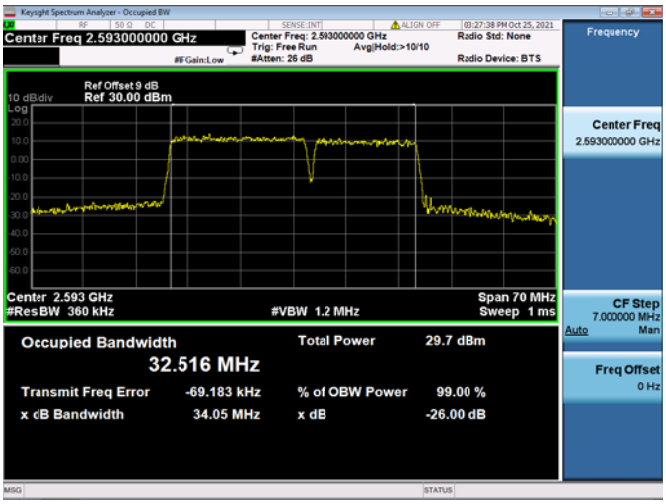
20MHz+5MHz / 64QAM/ HCH

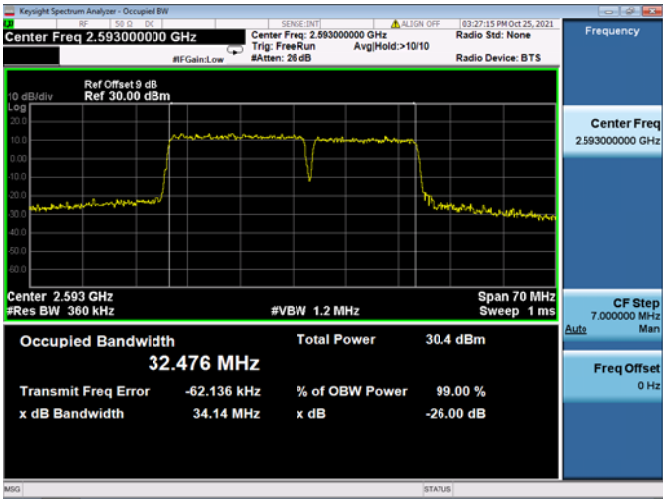
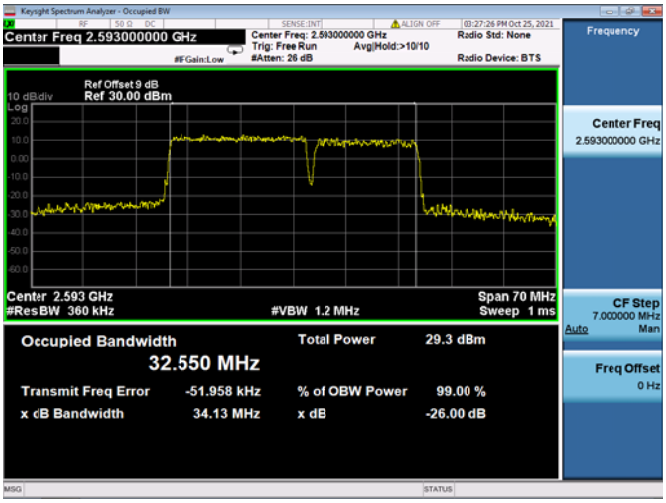
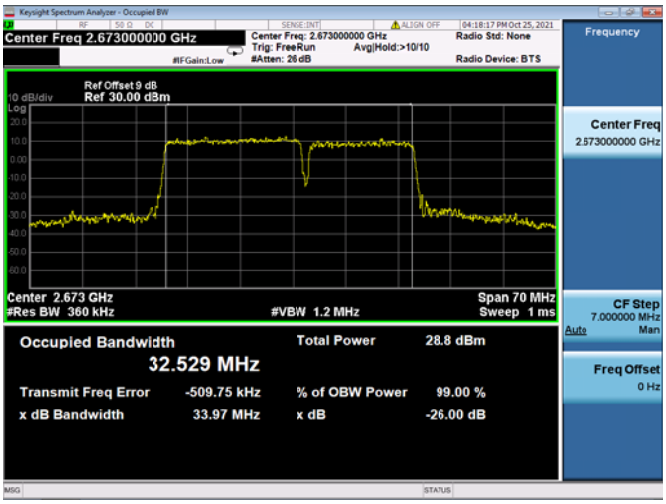
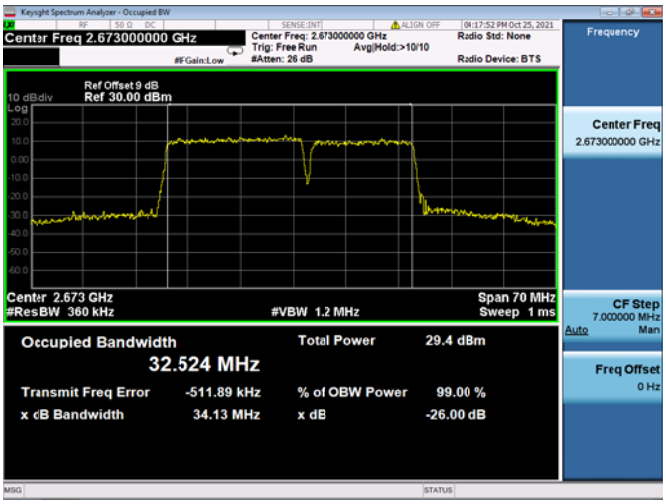
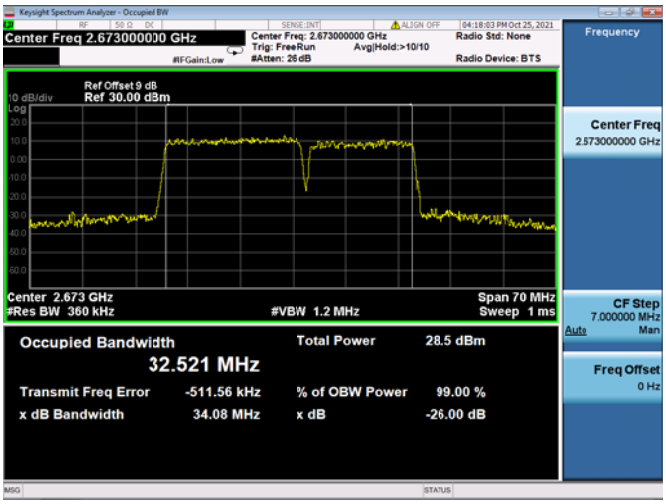


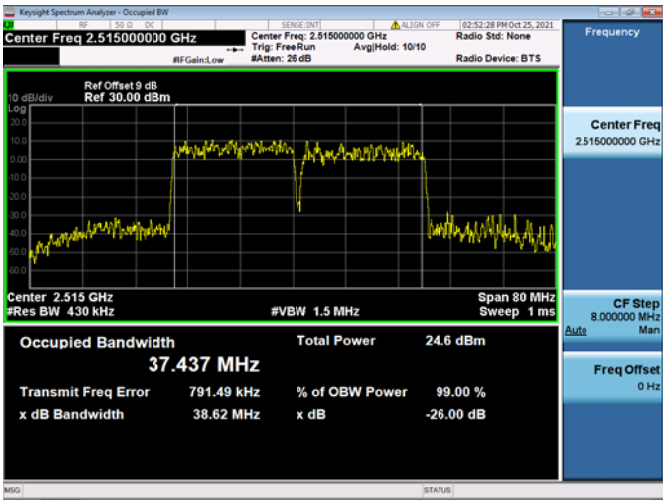
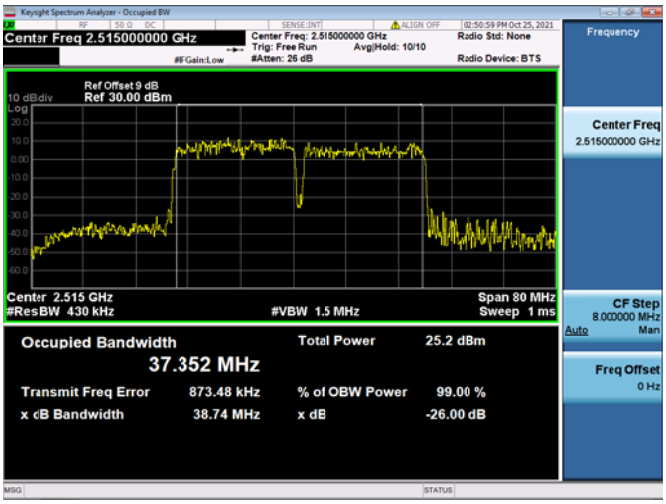
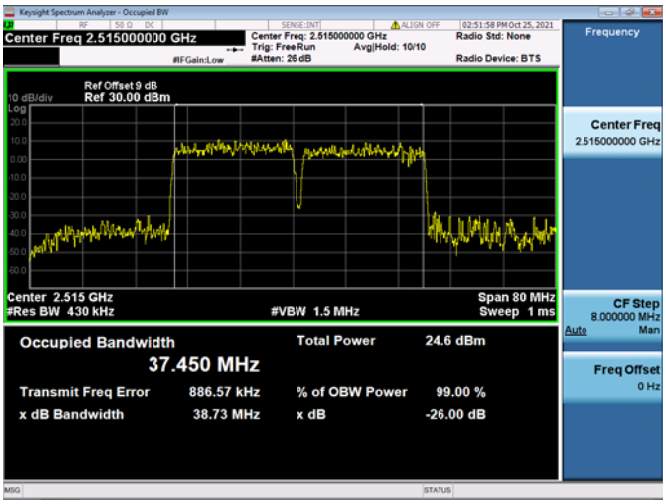
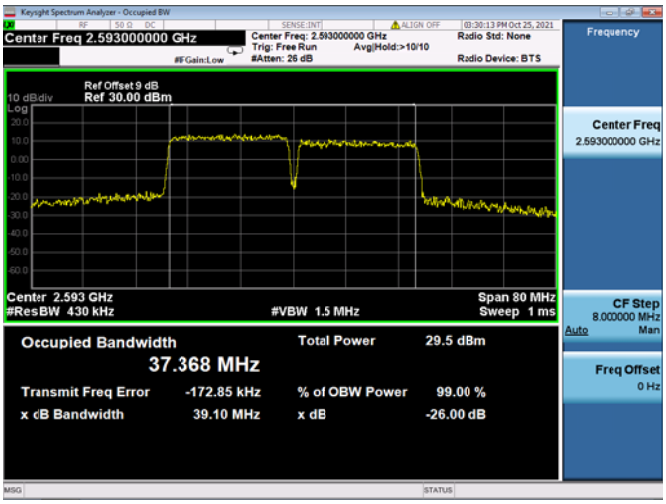
N/A

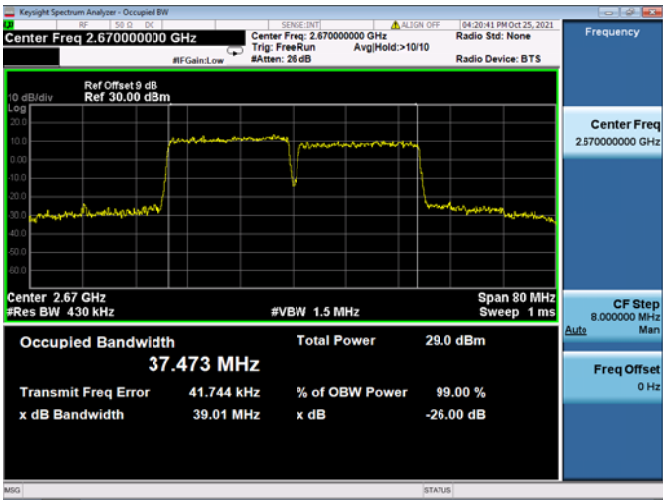
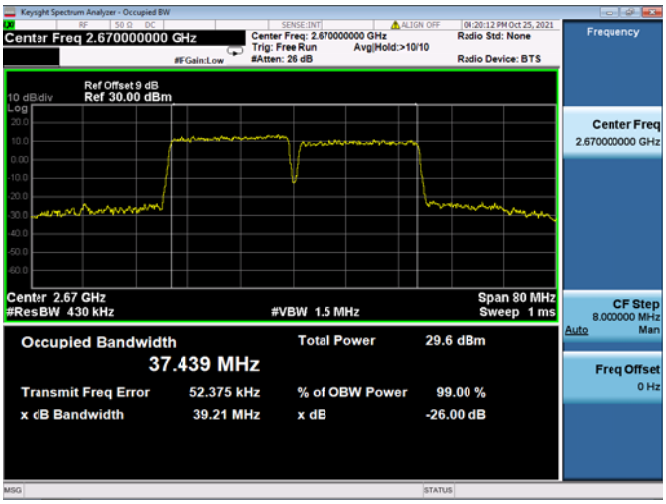
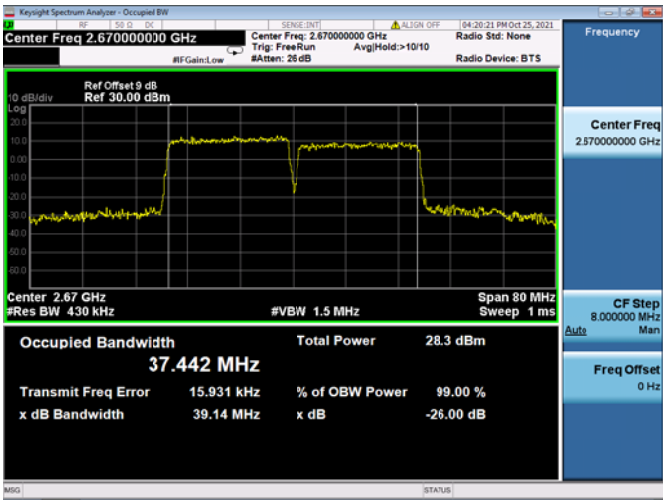
LTE CA_41C	
20MHz+10MHz / QPSK / LCH	20MHz+10MHz / 16QAM / LCH
	
20MHz+10MHz / 64QAM / LCH	20MHz+10MHz / QPSK / MCH
	

20MHz+10MHz / 16QAM / MCH	20MHz+10MHz / 64QAM / MCH
	
20MHz+10MHz / QPSK / HCH	**20MHz+10MHz / 16QAM / HCH**
	
20MHz+10MHz / 64QAM/ HCH	
	N/A

LTE CA_41C	
20MHz+15MHz / QPSK / LCH	20MHz+15MHz / 16QAM / LCH
	
20MHz+15MHz / 64QAM / LCH	20MHz+15MHz / QPSK / MCH
	

20MHz+15MHz / 16QAM / MCH	20MHz+15MHz / 64QAM / MCH
	
20MHz+15MHz / QPSK / HCH	**20MHz+15MHz / 16QAM / HCH**
	
20MHz+15MHz / 64QAM/ HCH	
	N/A

LTE CA_41C	
20MHz+20MHz / QPSK / LCH	20MHz+20MHz / 16QAM / LCH
	
20MHz+20MHz / 64QAM / LCH	20MHz+20MHz / QPSK / MCH
	

20MHz+20MHz / 16QAM / MCH	20MHz+20MHz / 64QAM / MCH
20MHz+20MHz / QPSK / HCH	**20MHz+20MHz / 16QAM / HCH**
	
20MHz+20MHz / 64QAM/ HCH	
	N/A

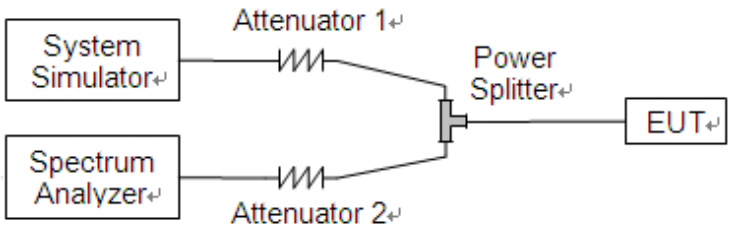
2.3. Conducted Spurious Emissions

2.3.1. Requirement

According to FCC section 2.1051, the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43+10*log(P)dB. This calculated to be -13dBm.

Additional requirement for LTE Band 7, 41: The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 55 + 10 log(P) dB. This calculated to be -25dBm

2.3.2. Test Description

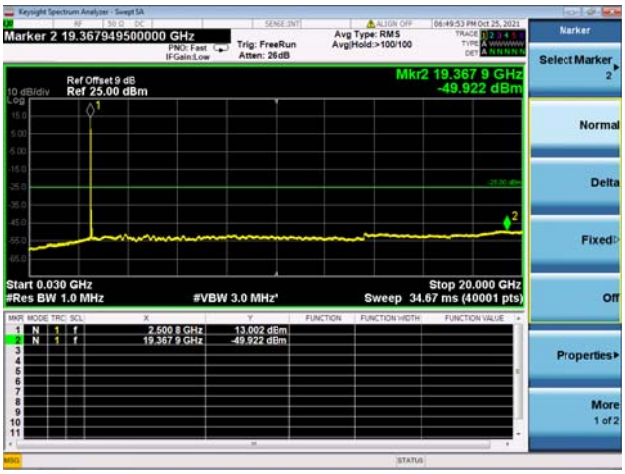
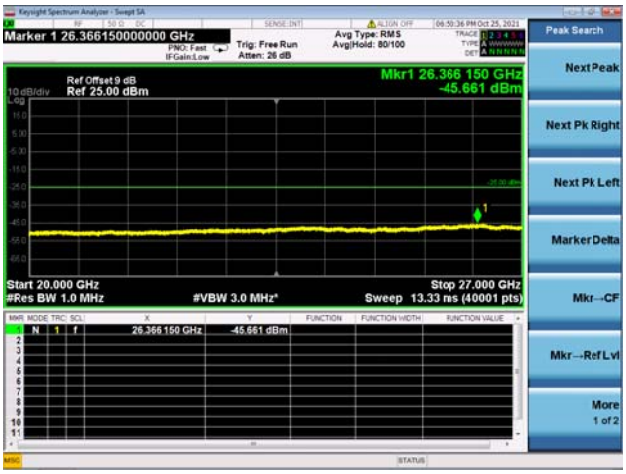
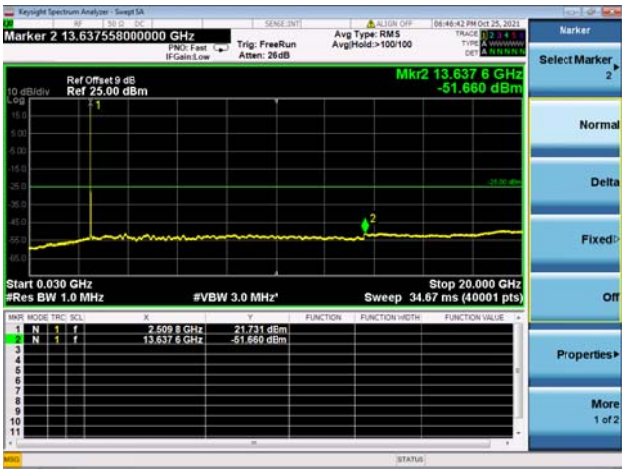
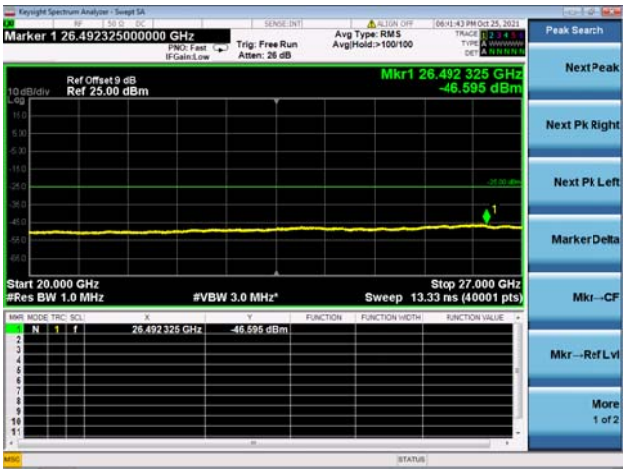
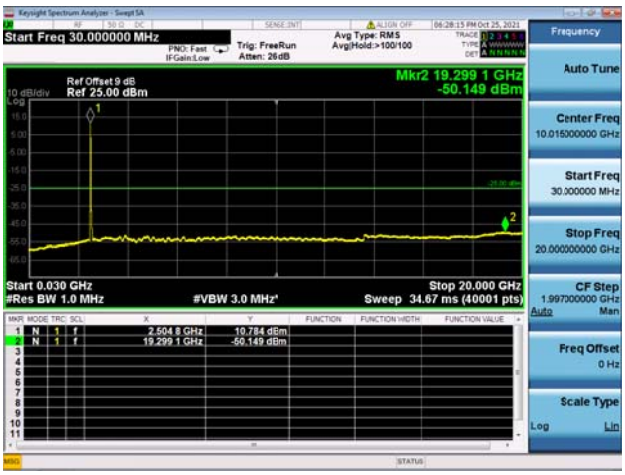
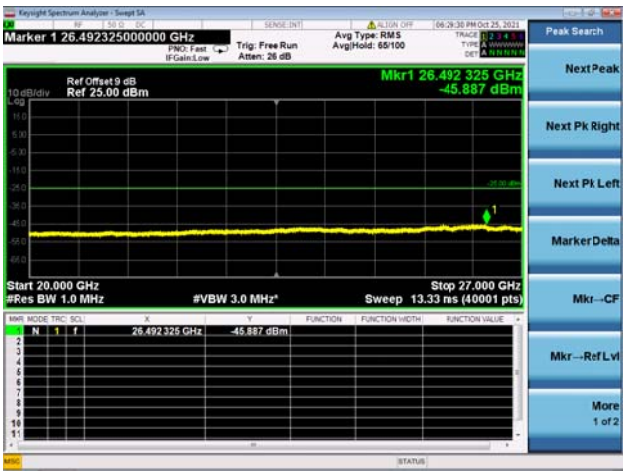


The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power. A call is established between the EUT and the SS.

2.3.3. Test procedure

KDB 971168 D01v03 Section 6.0 and ANSI/TIA-603-E-2016.

2.3.4. Test Result

LTE CA_7C CSE	
Channel Bandwidth: 10MHz+20MHz	
LOW CH/QPSK/1RB0 and 1RB99	LOW CH/QPSK/1RB0 and 1RB99
	
LOW CH/QPSK/1RB49 and 1RB0	LOW CH/QPSK/1RB49 and 1RB0
	
LOW CH/QPSK/FULL RB	LOW CH/QPSK/FULL RB