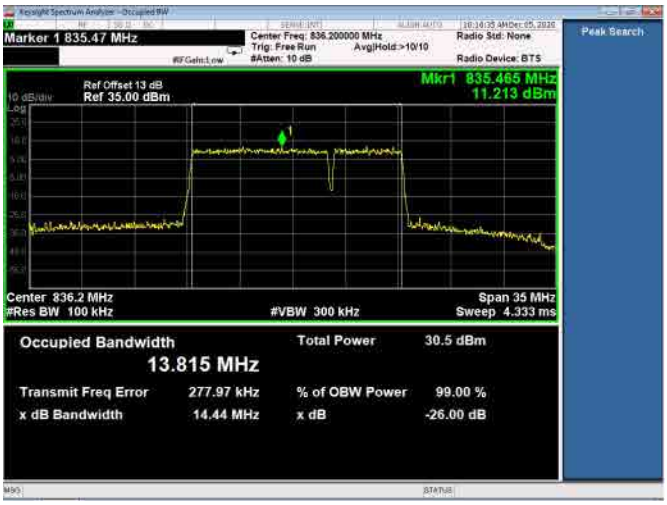
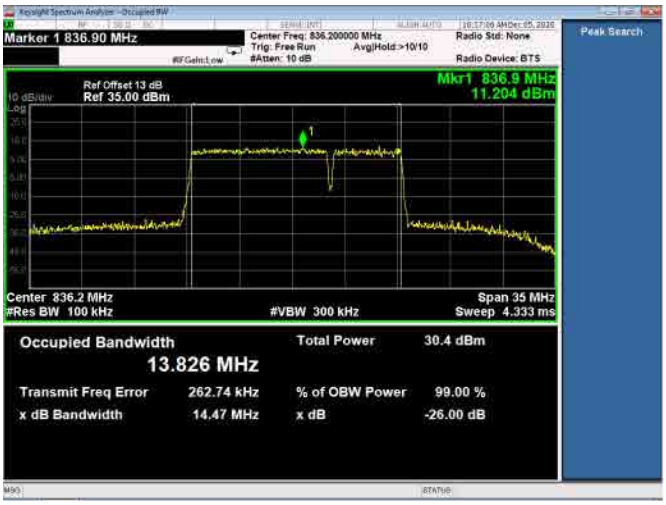
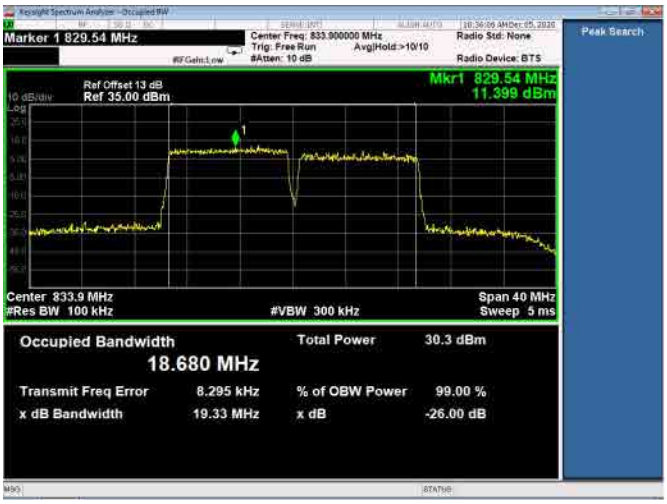


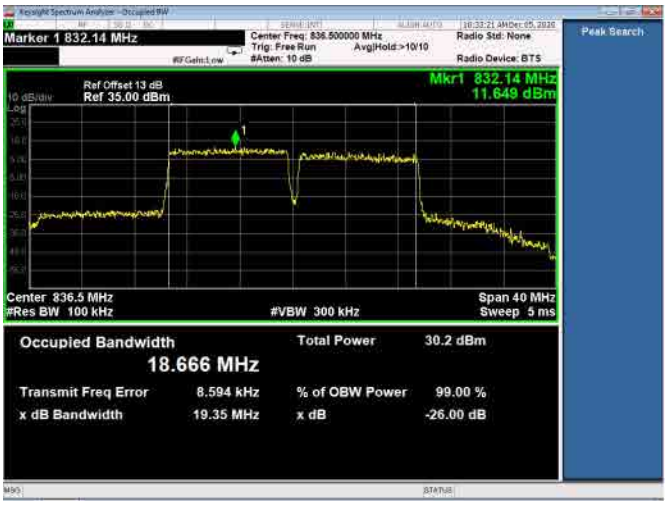
10MHz+5MHz / QPSK / HCH



10MHz+5MHz / 16QAM / HCH

0MHz+5MHz / 64QAM / HCH

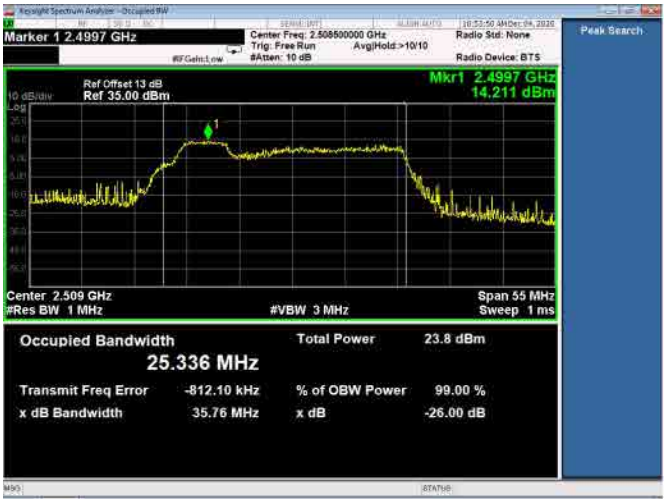
LTE Band 5B	
10MHz+10MHz / QPSK / LCH	10MHz+10MHz / 16QAM / LCH
10MHz+10MHz / 64QAM / LCH	10MHz+10MHz / QPSK / MCH
	
10MHz+10MHz / 16QAM / MCH	10MHz+10MHz / 64QAM / MCH



10MHz+10MHz / QPSK / HCH

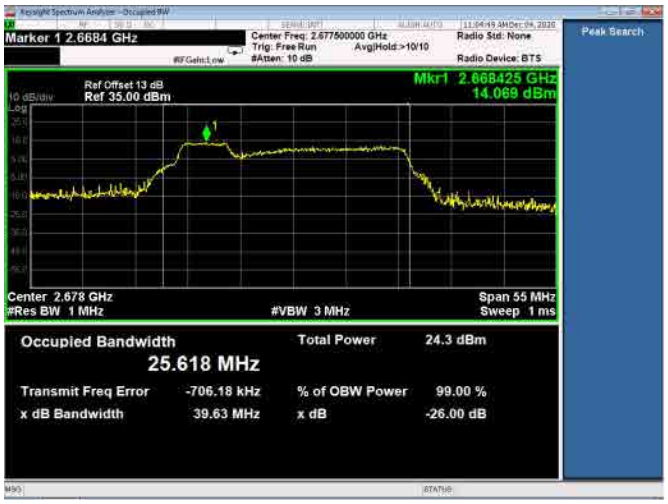
10MHz+10MHz / 16QAM / HCH

10MHz+10MHz / 64QAM / HCH

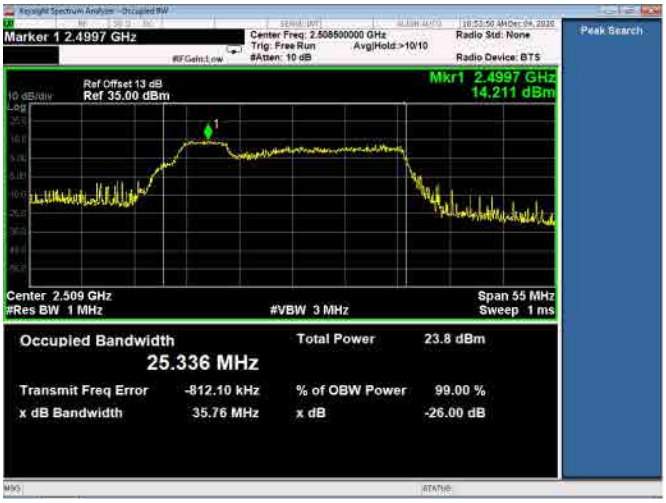
LTE Band 41C	
5MHz+20MHz/ QPSK / LCH	5MHz+20MHz/ 16QAM / LCH
	
5MHz+20MHz/ 64QAM / LCH	5MHz+20MHz /QPSK / MCH
5MHz+20MHz / 16QAM / MCH	5MHz+20MHz / 64QAM / MCH

5MHz+20MHz / QPSK / HCH

5MHz+20MHz / 16QAM / HCH



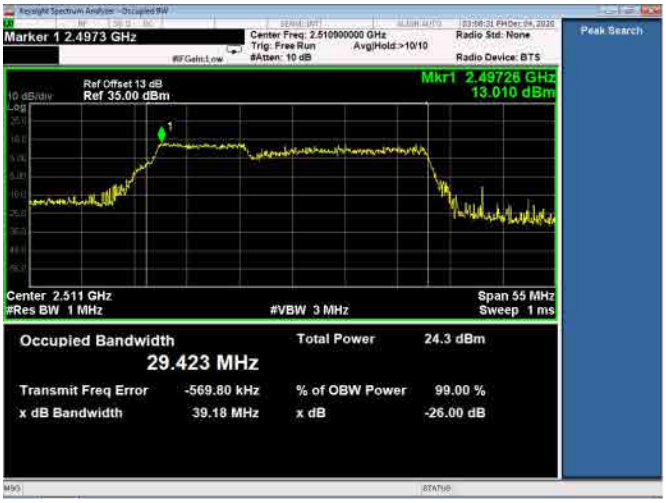
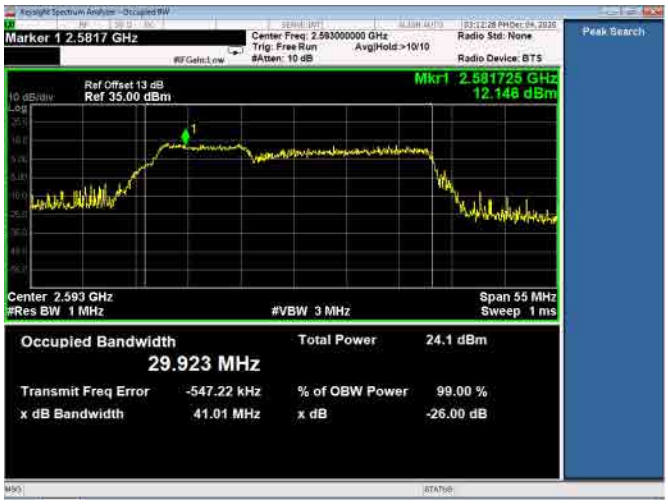
5MHz+20MHz / 64QAM / HCH

LTE Band 41C	
10MHz+15MHz / QPSK / LCH	10MHz+15MHz / 16QAM / LCH
	
10MHz+15MHz / 64QAM / LCH	10MHz+15MHz / QPSK / MCH
10MHz+15MHz / 16QAM / MCH	10MHz+15MHz / 64QAM / MCH

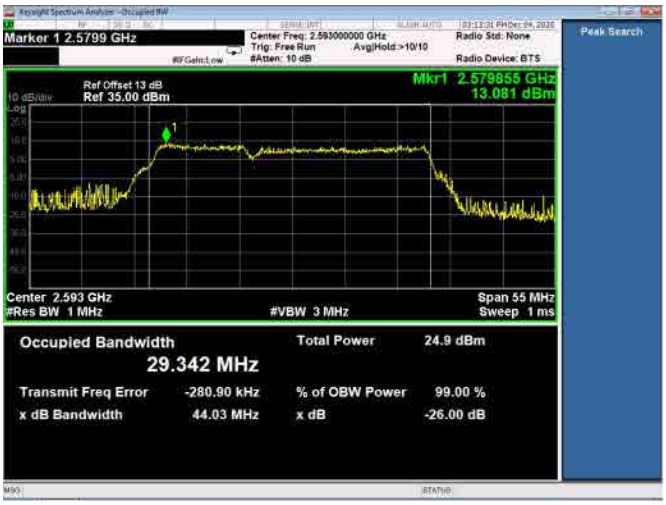
10MHz+15MHz / QPSK / HCH

10MHz+15MHz / 16QAM / HCH

10MHz+15MHz / 64QAM / HCH

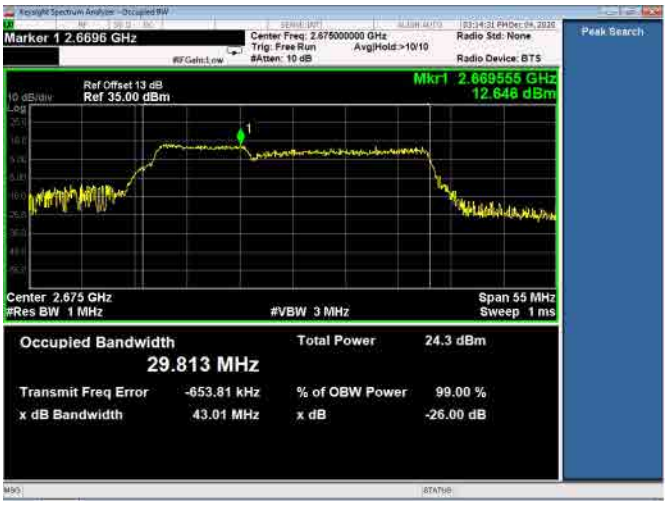
LTE Band 41C	
10MHz+20MHz/QPSK / LCH	10MHz+20MHz/ 16QAM / LCH
	
10MHz+20MHz/ 64QAM / LCH	10MHz+20MHz /QPSK / MCH
	
10MHz+20MHz / 16QAM / MCH	10MHz+20MHz / 64QAM / MCH

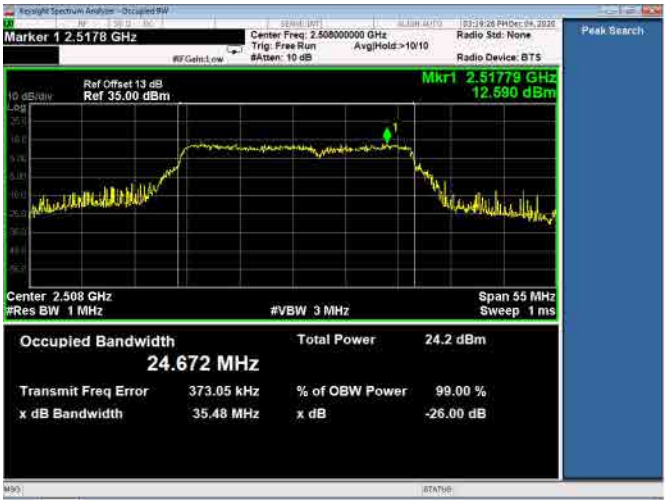
10MHz+20MHz / QPSK /HCH

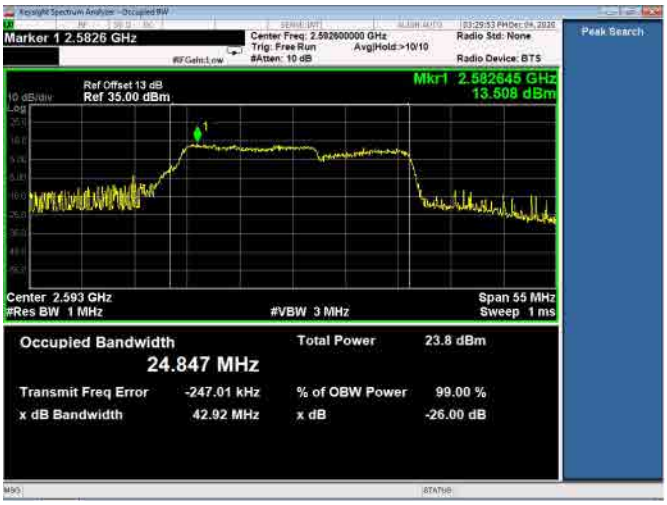


10MHz+20MHz / 16QAM /HCH

10MHz+20MHz / 64QAM /HCH



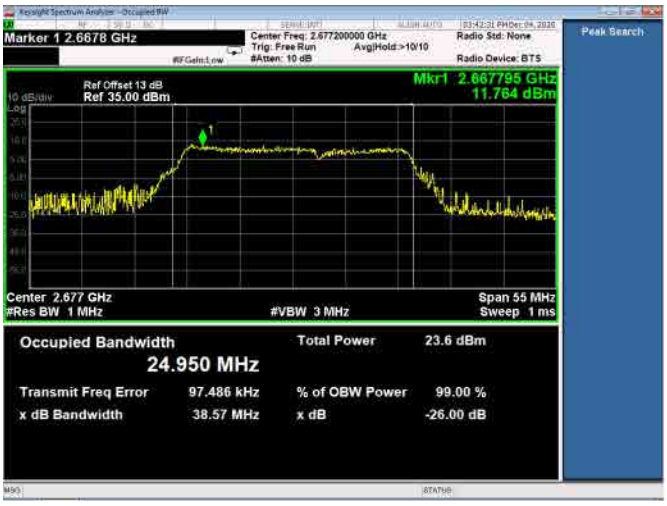
LTE Band 41C	
15MHz+10MHz/QPSK / LCH	15MHz+10MHz/ 16QAM / LCH
15MHz+10MHz/ 5 / 64QAM / LCH	15MHz+10MHz /QPSK /MCH
	
15MHz+10MHz / 16QAM /MCH	15MHz+10MHz / 64QAM /MCH



15MHz+10MHz / QPSK /HCH

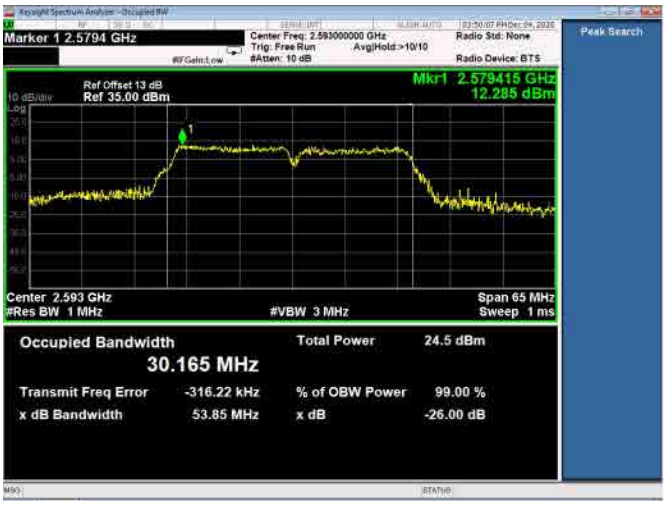
15MHz+10MHz / 16QAM /HCH

15MHz+10MHz / 64QAM /HCH



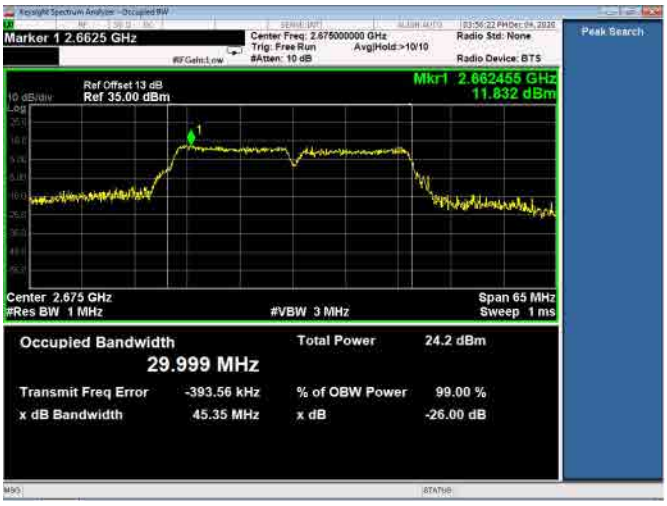
LTE Band 41C	
15MHz+15MHz/ QPSK / LCH	15MHz+15MHz/ 16QAM / LCH
15MHz+15MHz/ 64QAM / LCH	15MHz+15MHz / QPSK / MCH
15MHz+15MHz / 16QAM / MCH	15MHz+15MHz / 64QAM / MCH

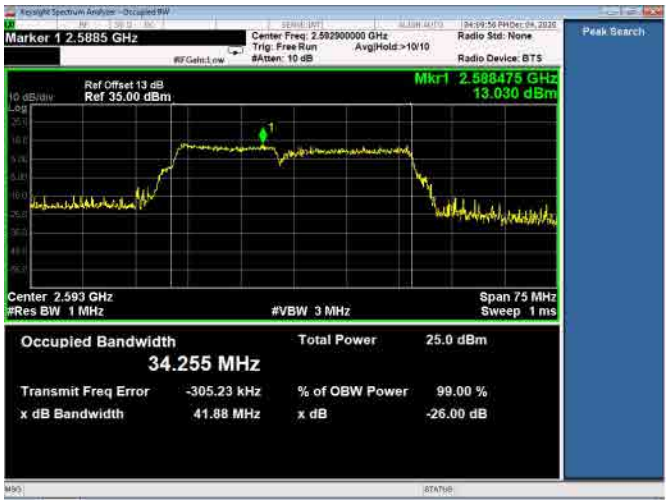
15MHz+15MHz / QPSK / HCH



15MHz+15MHz / 16QAM / HCH

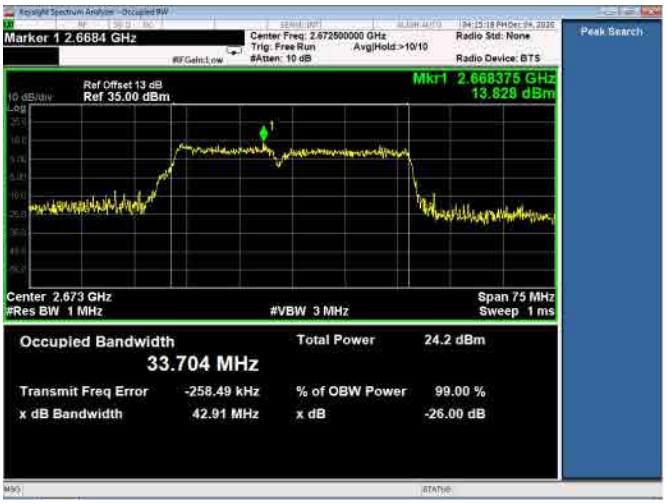
15MHz+15MHz / 64QAM / HCH

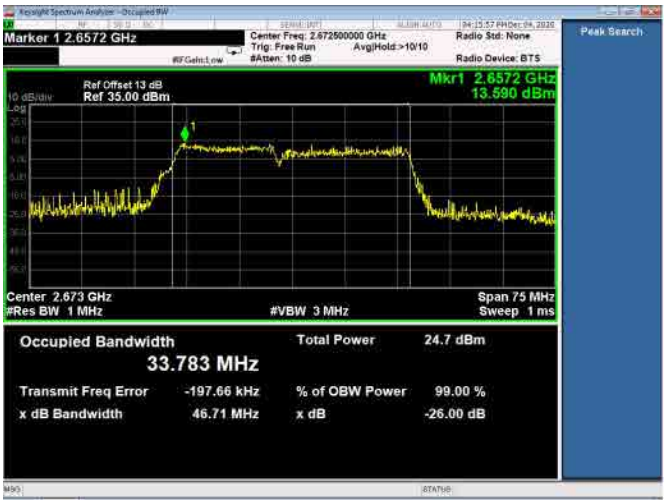


LTE Band 41C	
15MHz+20MHz/ QPSK / LCH	15MHz+20MHz/ 16QAM / LCH
15MHz+20MHz/ 64QAM / LCH	15MHz+20MHz / QPSK / MCH
	
15MHz+20MHz / 16QAM / MCH	15MHz+20MHz / 64QAM / MCH

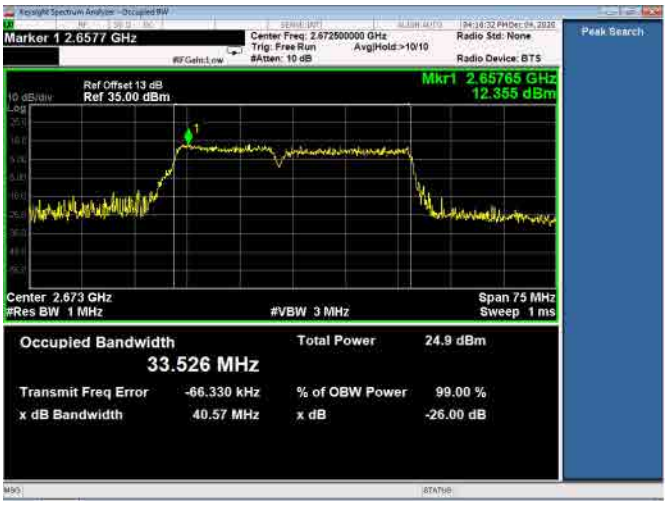
15MHz+20MHz / QPSK / HCH

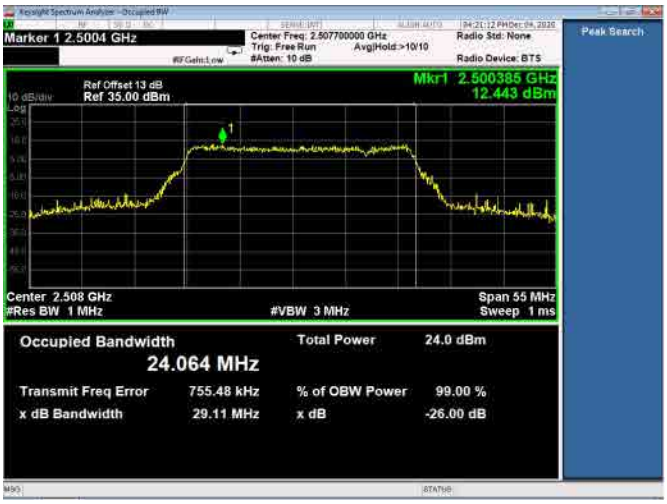
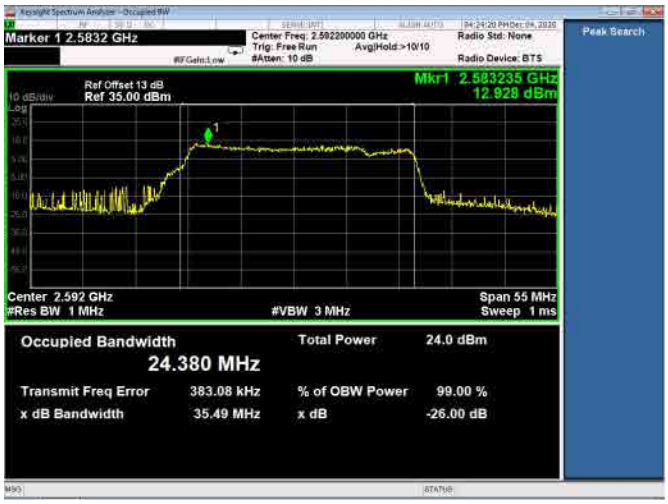
15MHz+20MHz / 16QAM / HCH



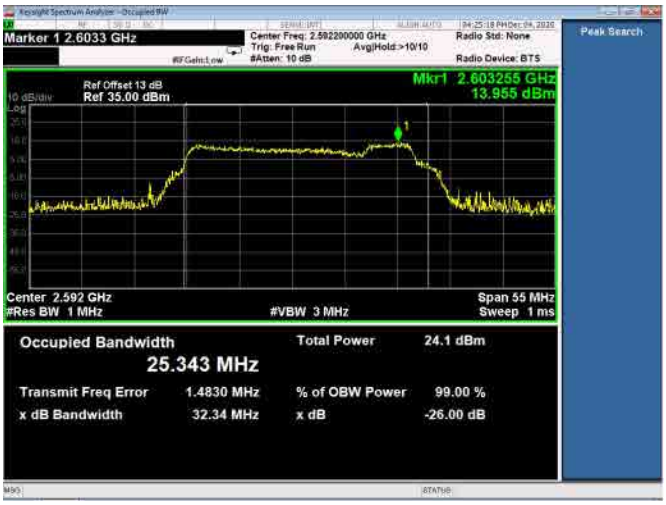


15MHz+20MHz / 64QAM / HCH

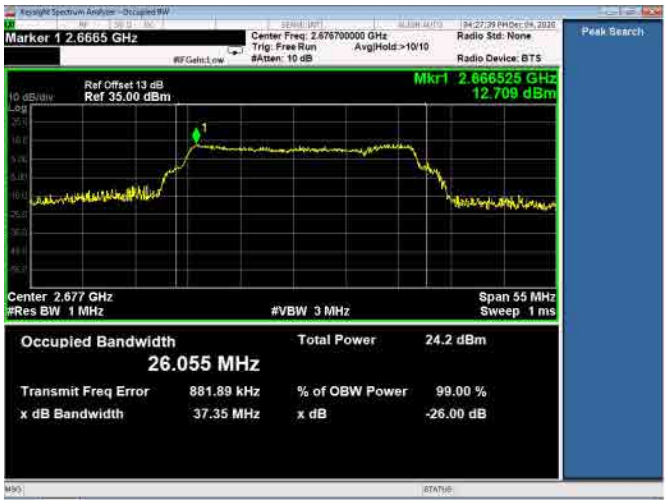


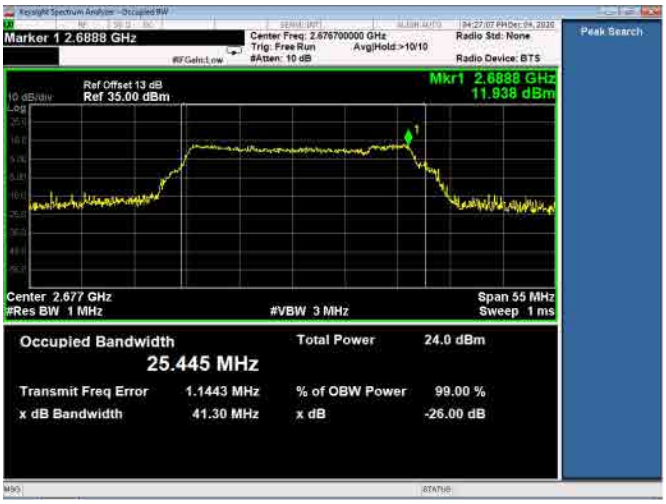
LTE Band 41C	
20MHz+5MHz/ QPSK / LCH	20MHz+5MHz/ 16QAM / LCH
20MHz+5MHz/ 64QAM / LCH	20MHz+5MHz / QPSK / MCH
	
20MHz+5MHz / 16QAM / MCH	20MHz+5MHz / 64QAM / MCH

20MHz+5MHz / QPSK / HCH

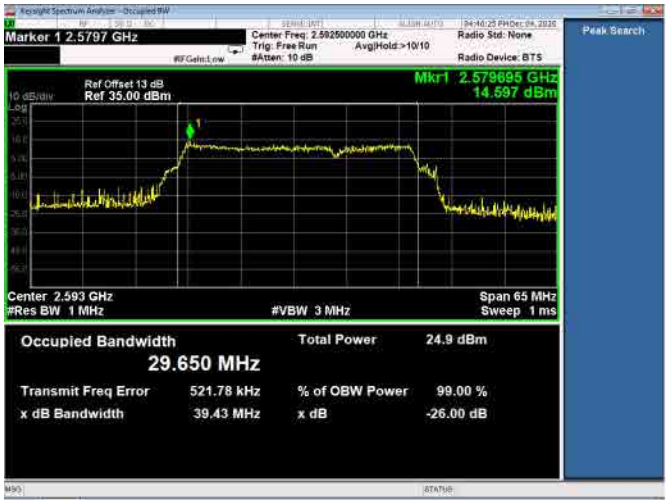


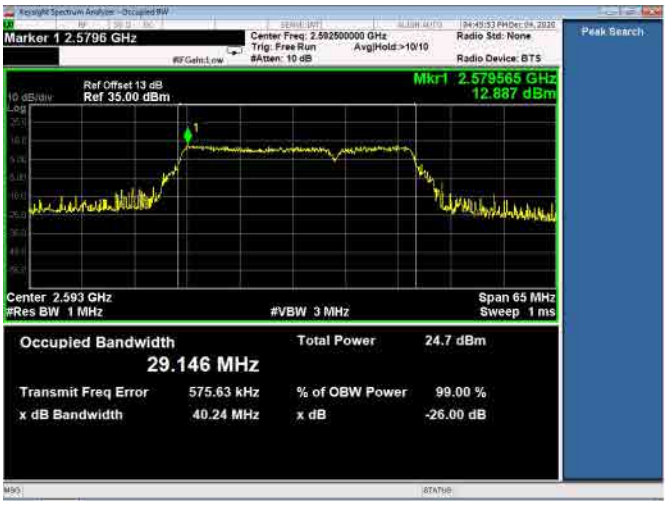
20MHz+5MHz / 16QAM / HCH





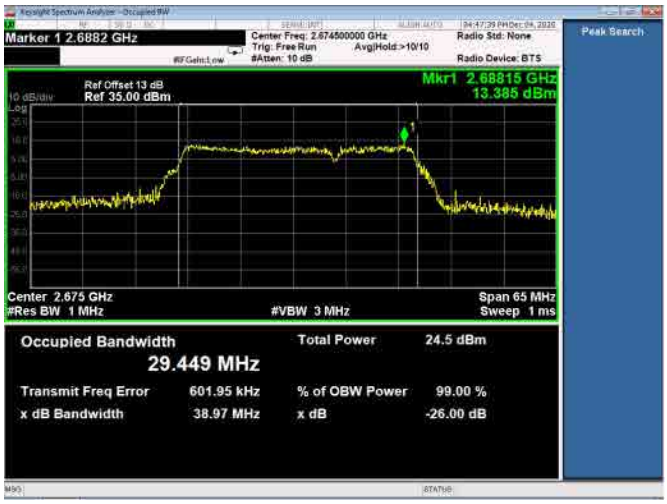
20MHz+5MHz / 64QAM / HCH

LTE Band 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

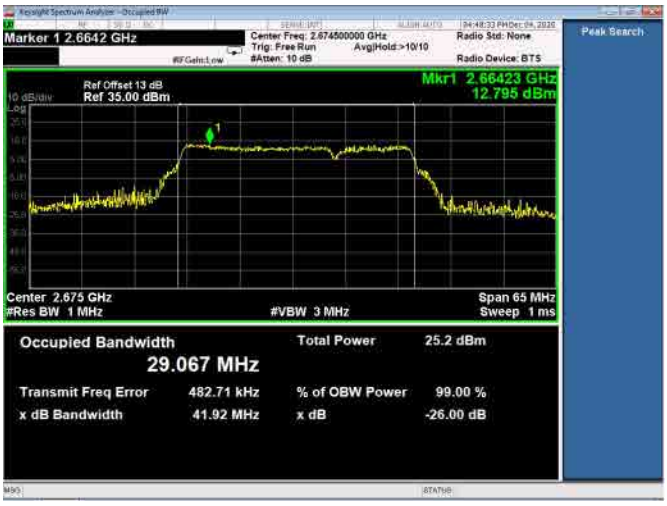


20MHz+10MHz / QPSK /HCH

20MHz+10MHz / 16QAM /HCH



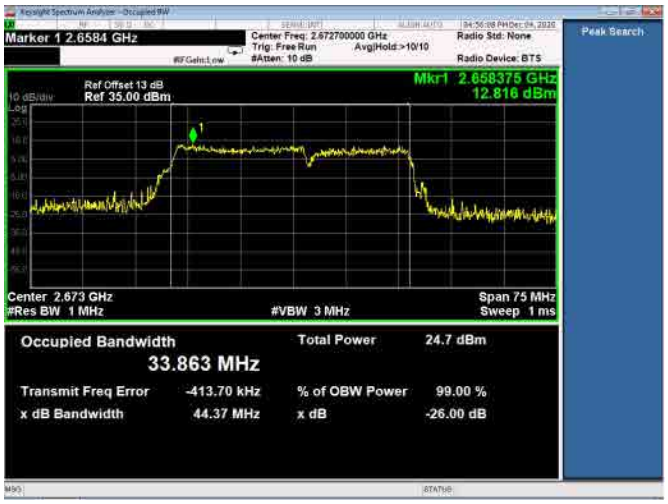
20MHz+10MHz / 64QAM /HCH



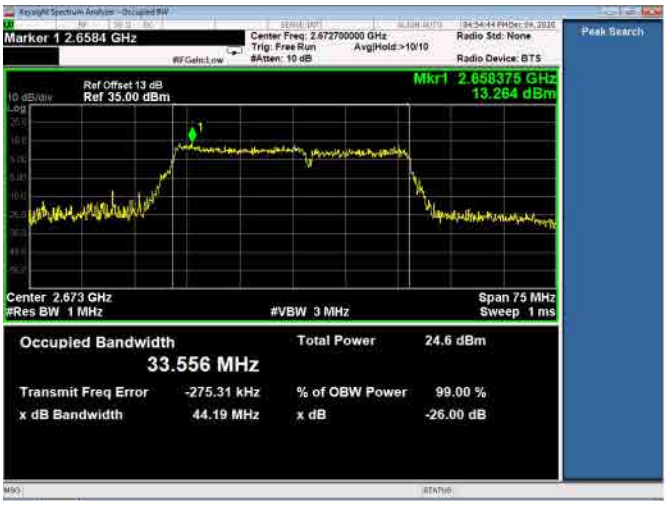
LTE Band 41C	
20MHz+15MHz /QPSK / LCH	20MHz+15MHz / 16QAM / LCH
20MHz+15MHz /64QAM / LCH	20MHz+15MHz / QPSK / MCH
20MHz+15MHz / 16QAM / MCH	20MHz+15MHz / 64QAM/ MCH

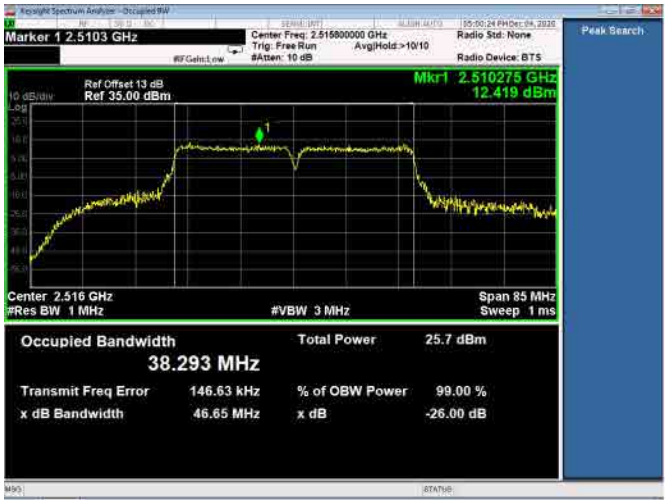
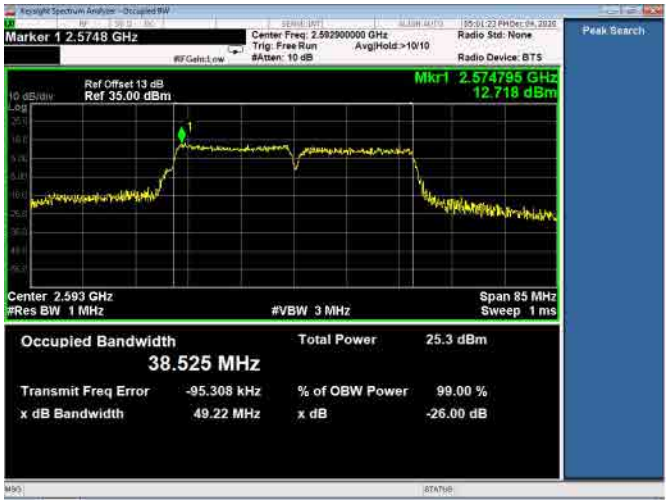
20MHz+15MHz / QPSK / HCH

20MHz+15MHz / 16QAM / HCH

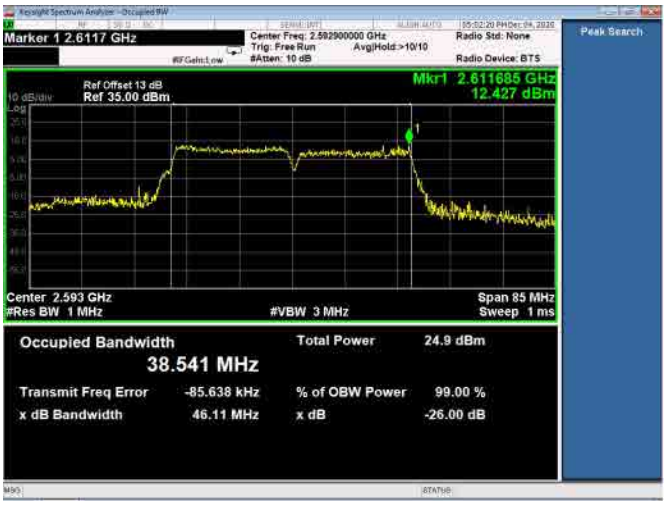


20MHz+15MHz / 64 QAM / HCH



LTE Band 41C	
20MHz+20MHz/QPSK / LCH	20MHz+20MHz/ 116QAM / 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

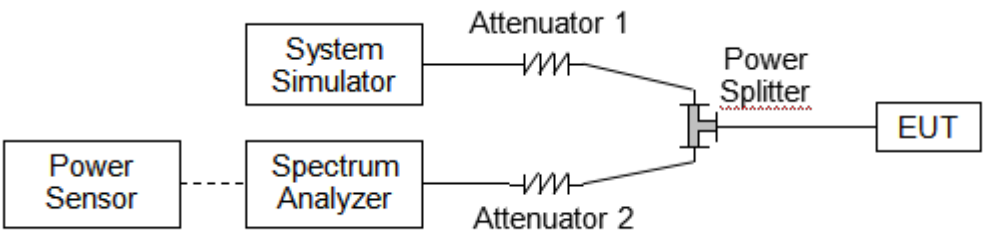
20MHz+20MHz / 64QAM /HCH

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.

2.3.2. Test Description

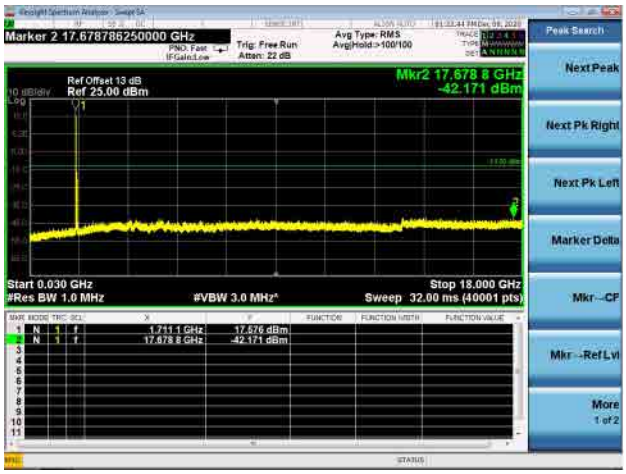
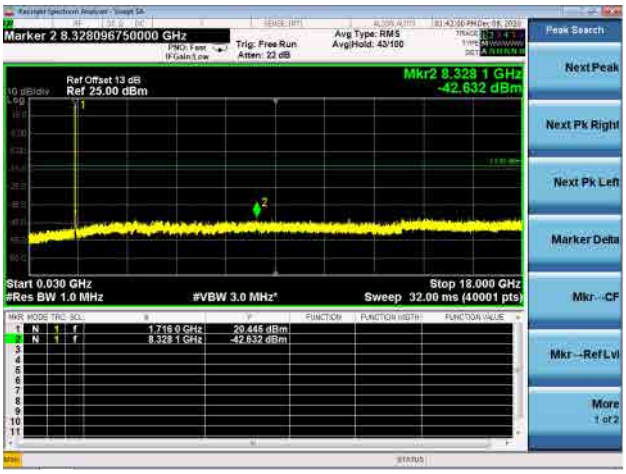
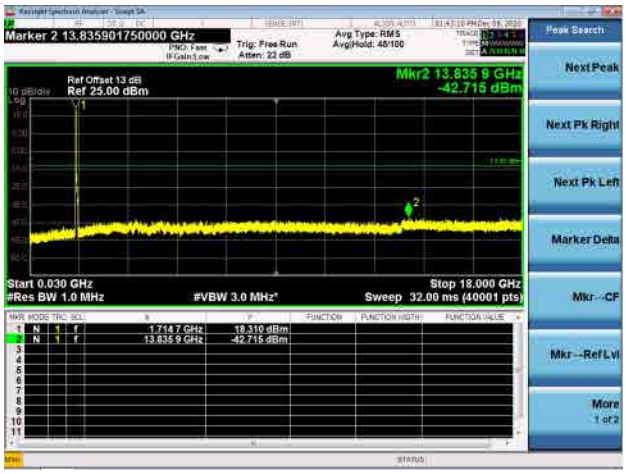
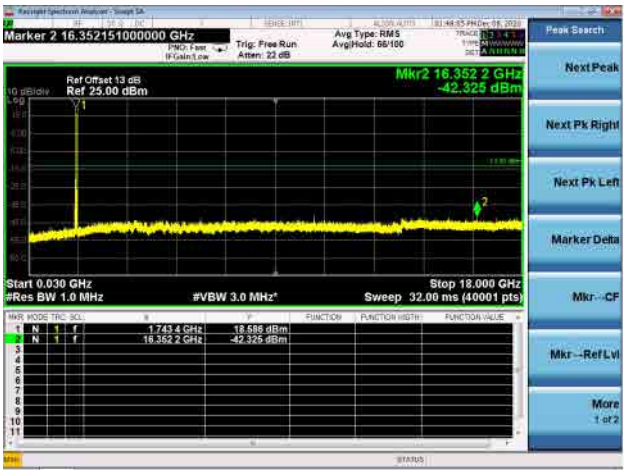
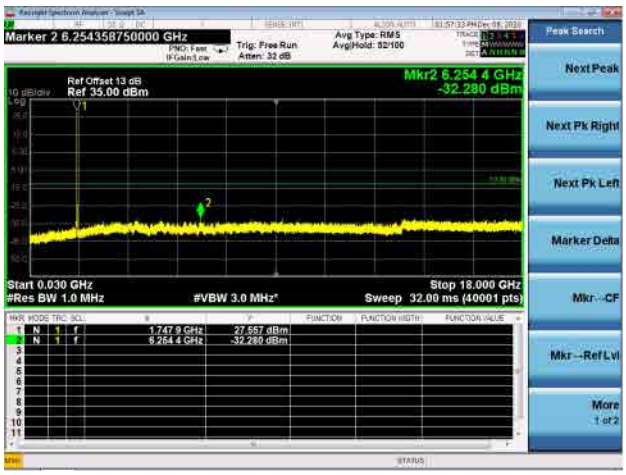
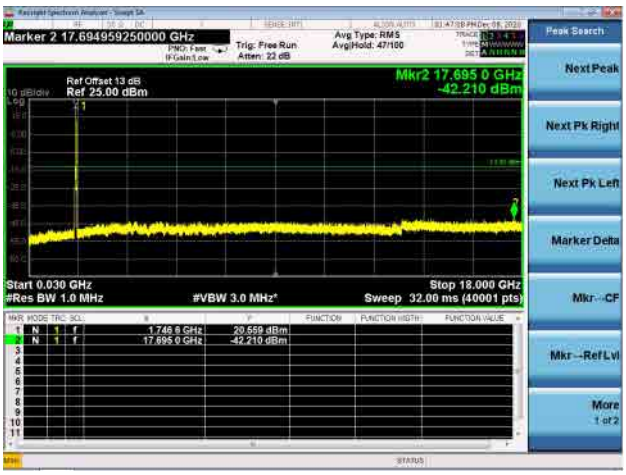


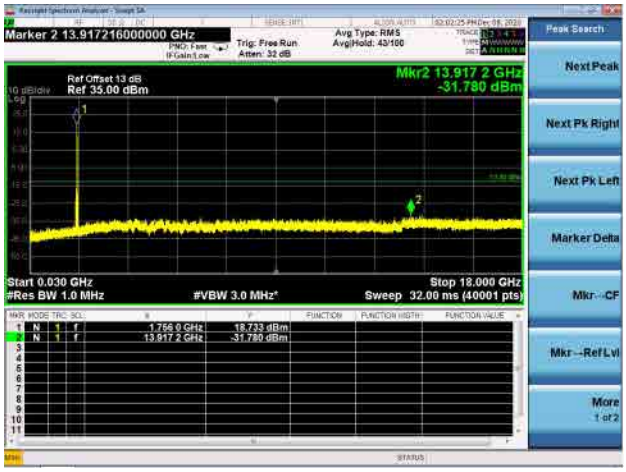
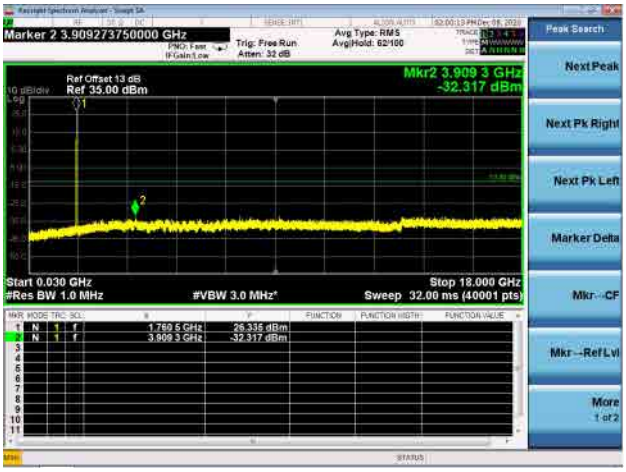
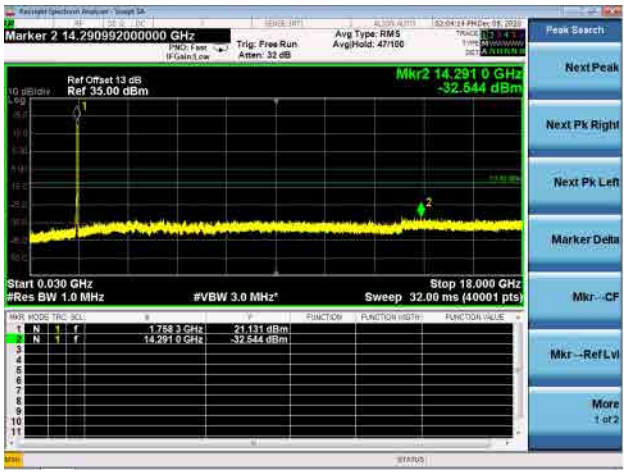
The EUTis coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum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

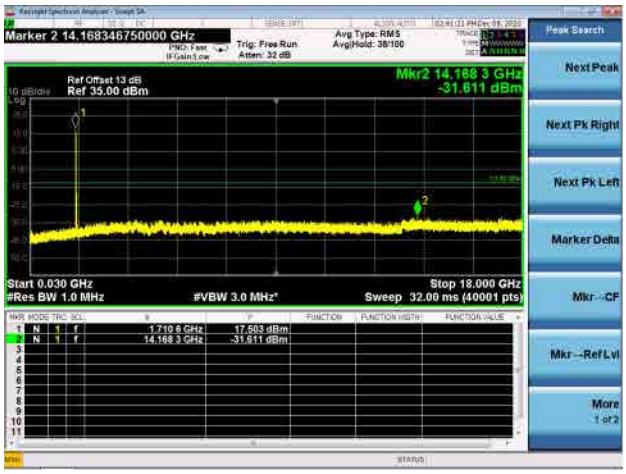
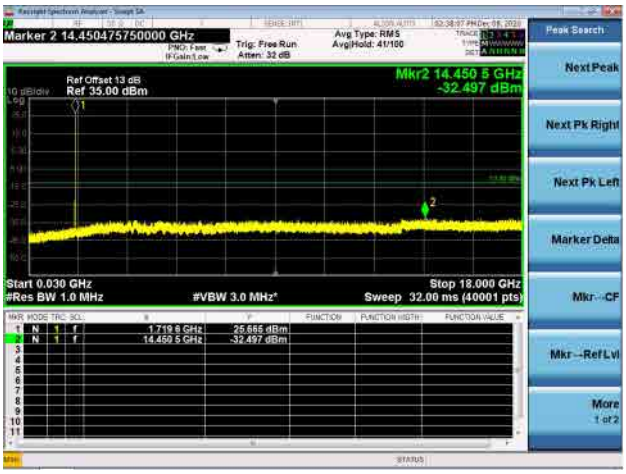
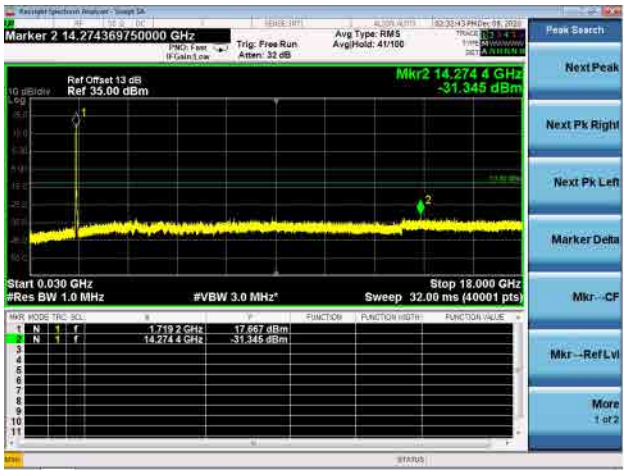
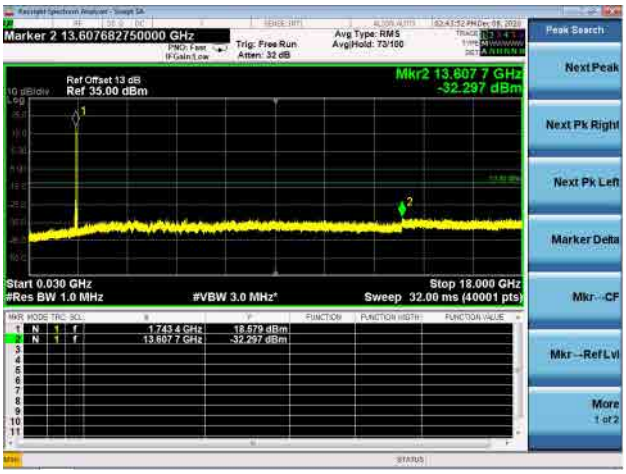
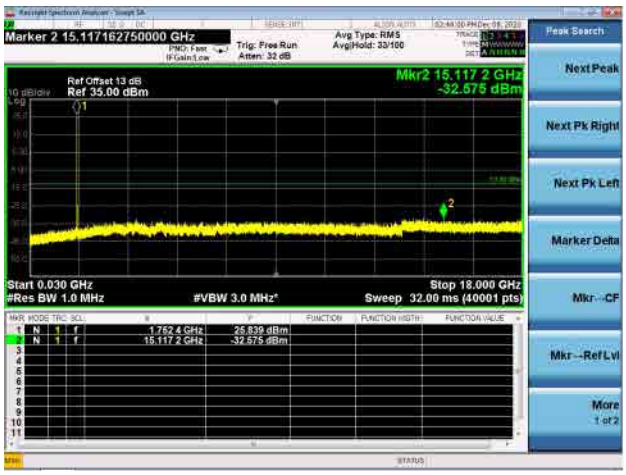
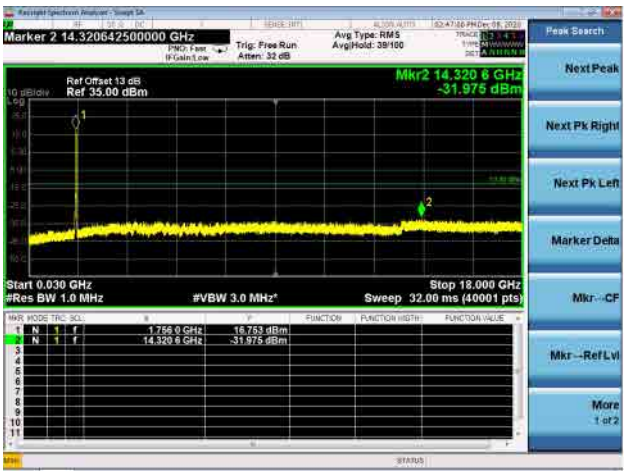
2.3.3. Test procedure

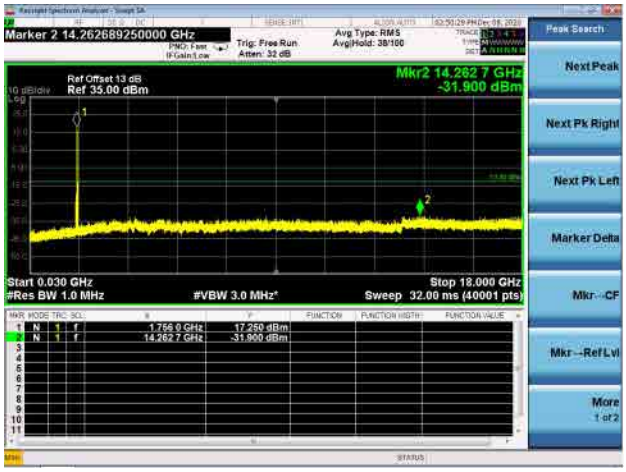
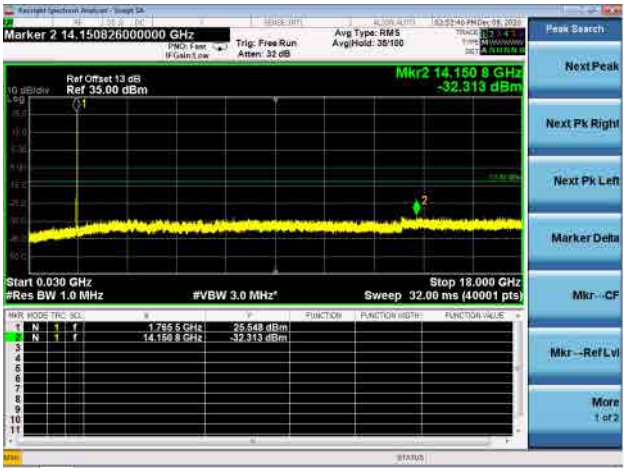
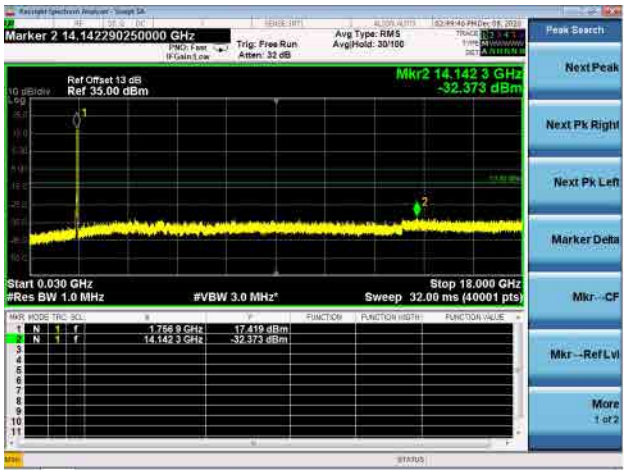
KDB 971168 D01v03 Section 6.0 and ANSI/TIA-603-E-2016.

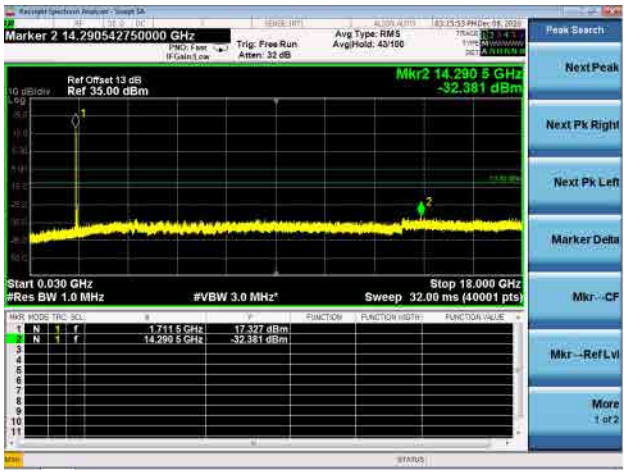
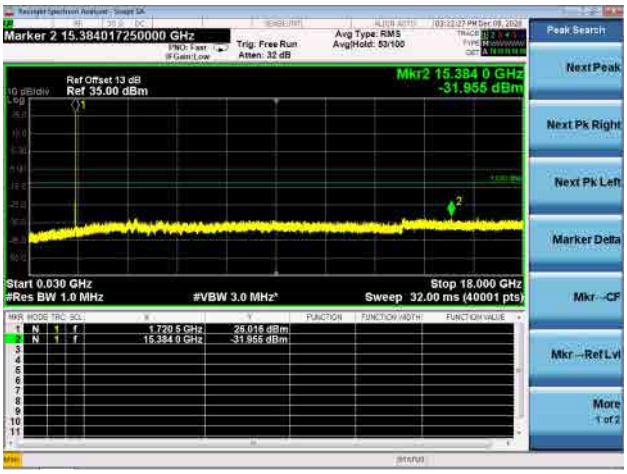
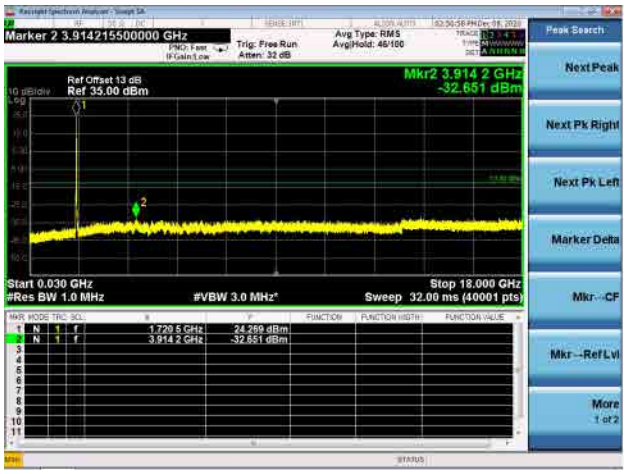
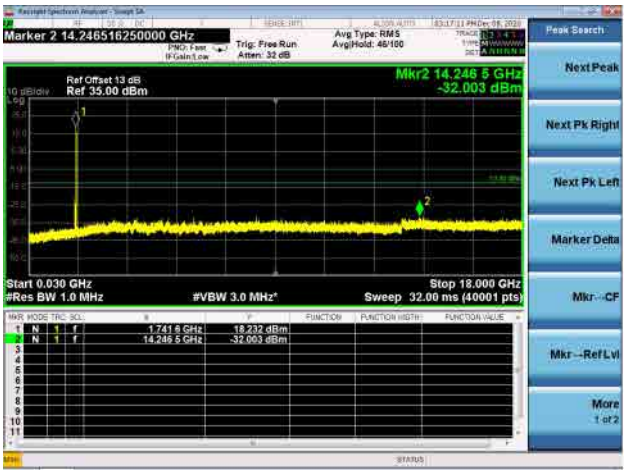
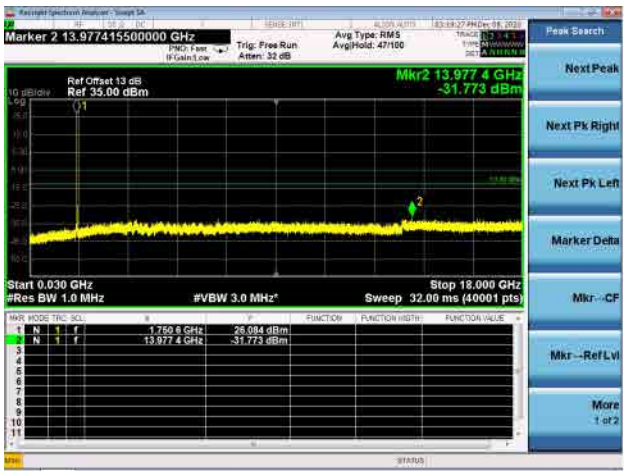
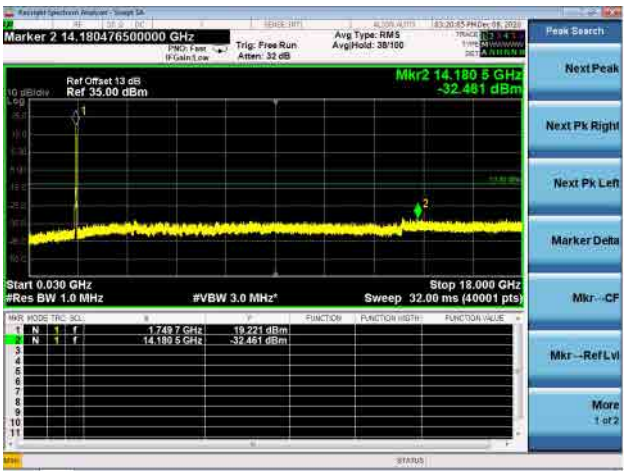
2.3.4. Test Result

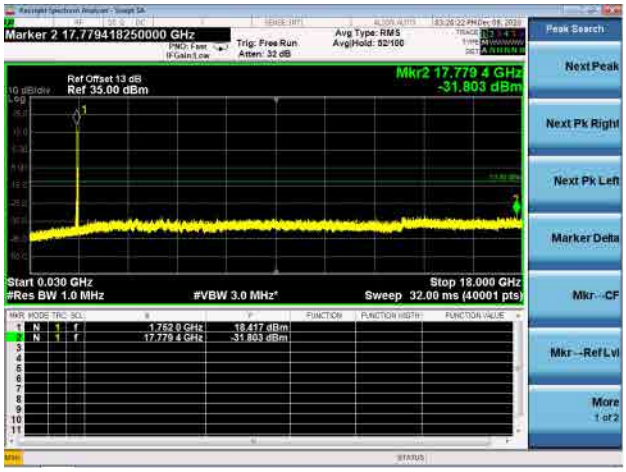
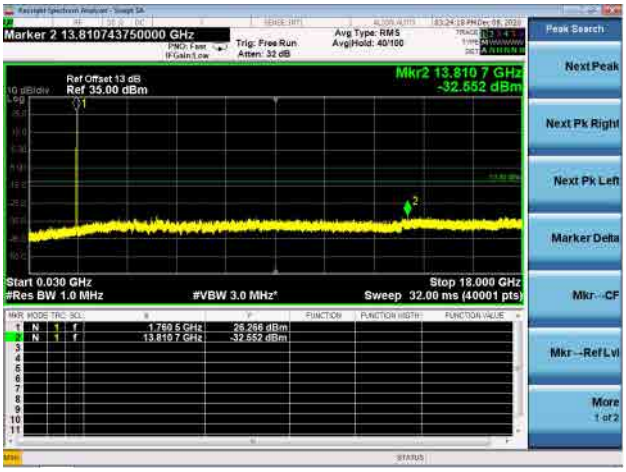
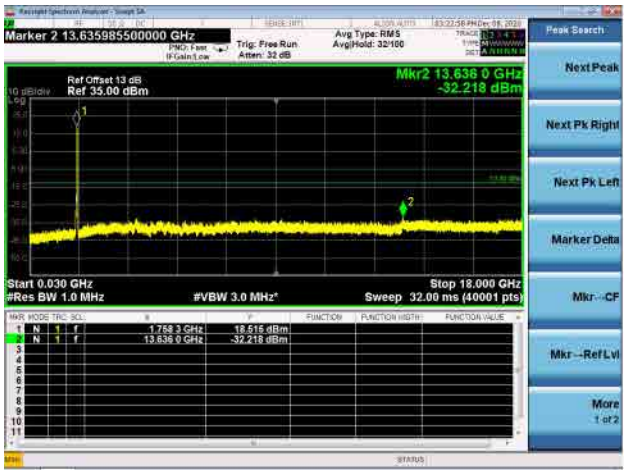
LTE Band 66C CSE	
Channel Bandwidth: 5MHz+20MHz	
LOW CH/QPSK/1RB0 and 1RB99	LOW CH/QPSK/1RB24 and 1RB0
	
LOW CH/QPSK/FULL RB	Mid CH/QPSK/1RB0 and 1RB99
	
Mid CH/QPSK/1RB24 and 1RB0	Mid CH/QPSK/FULL RB
	

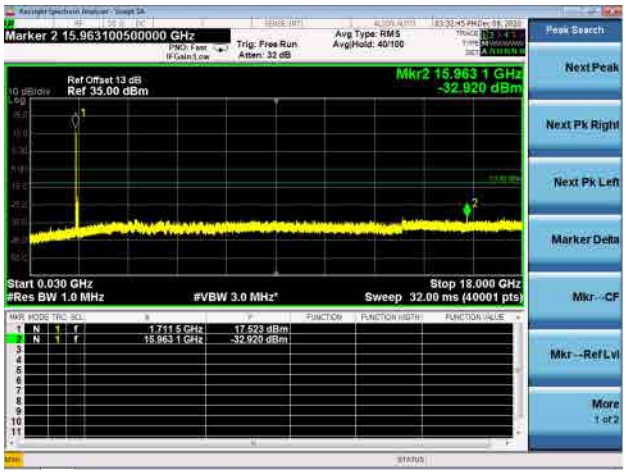
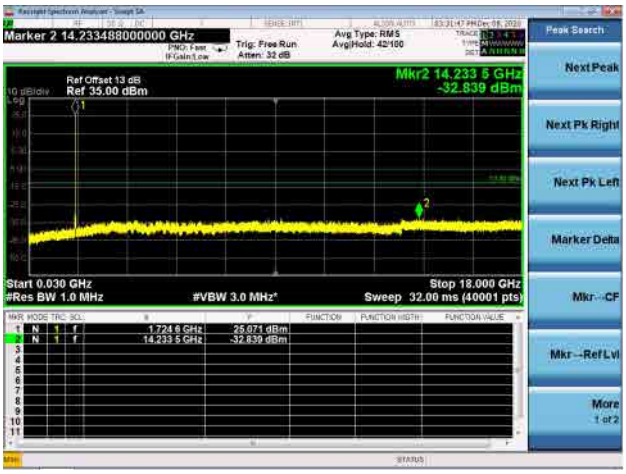
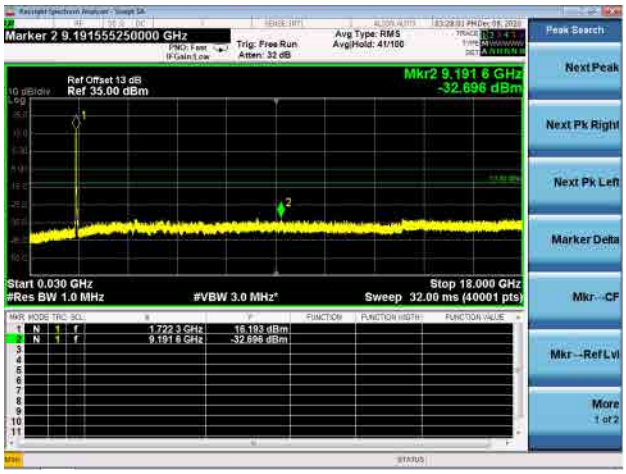
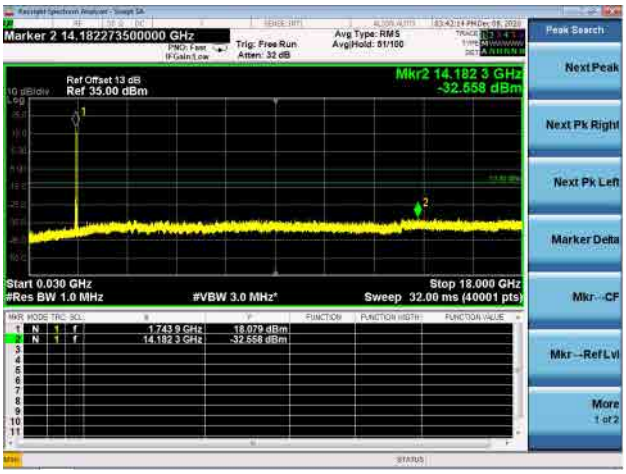
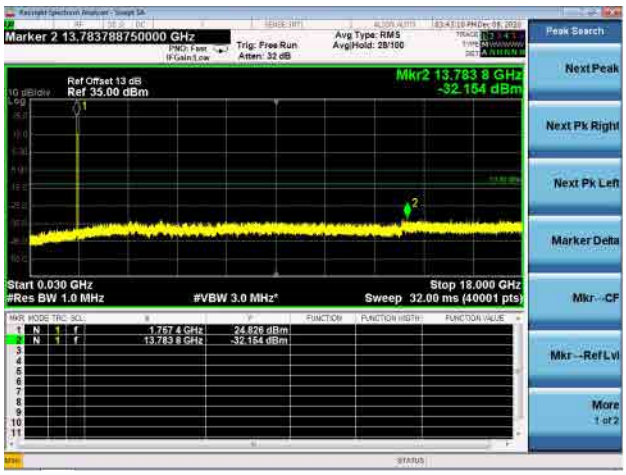
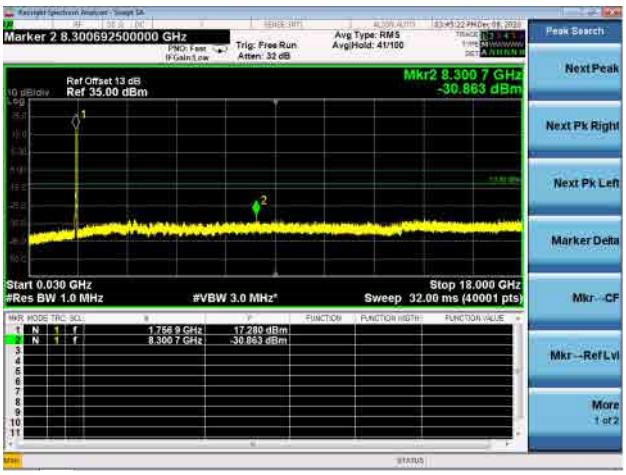
High CH/QPSK/1RB0 and 1RB99	High CH/QPSK/1RB24 and 1RB0
	
High CH/QPSK/FULL RB	
	

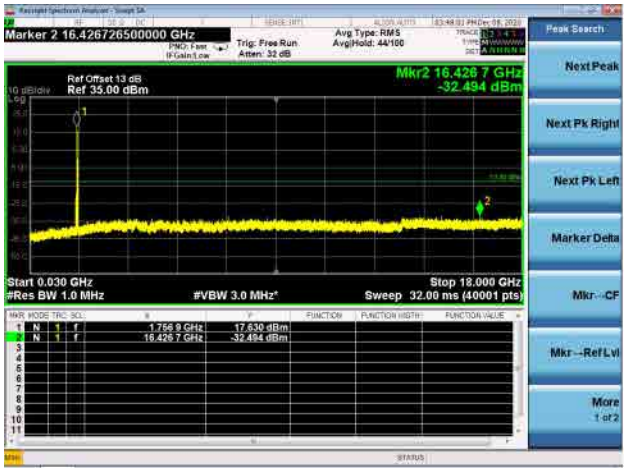
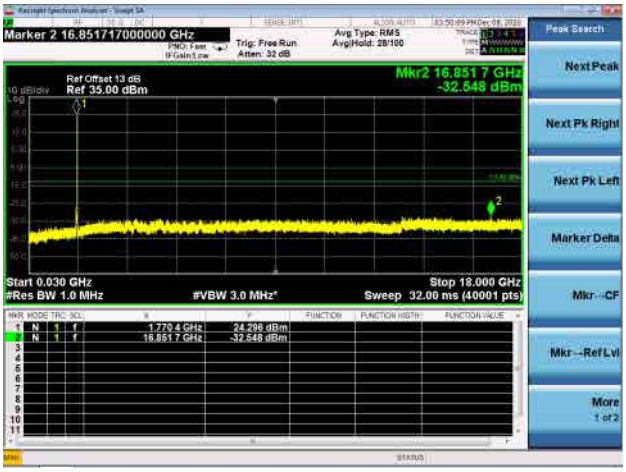
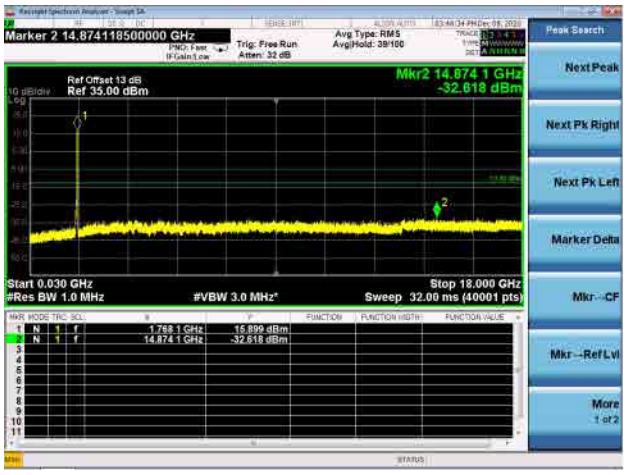
LTE Band 66C CSE	
Channel Bandwidth: 10MHz+15MHz	
LOW CH/QPSK/1RB0 and 1RB74	LOW CH/QPSK/1RB49 and 1RB0
	
LOW CH/QPSK/FULL RB	Mid CH/QPSK/1RB0 and 1RB74
	
Mid CH/QPSK/1RB49 and 1RB0	Mid CH/QPSK/FULL RB
	

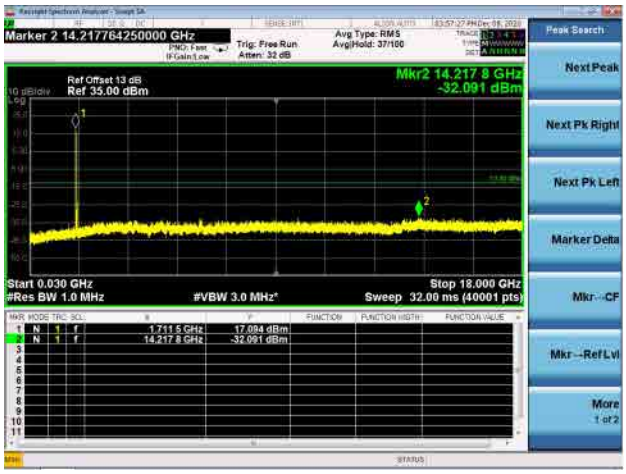
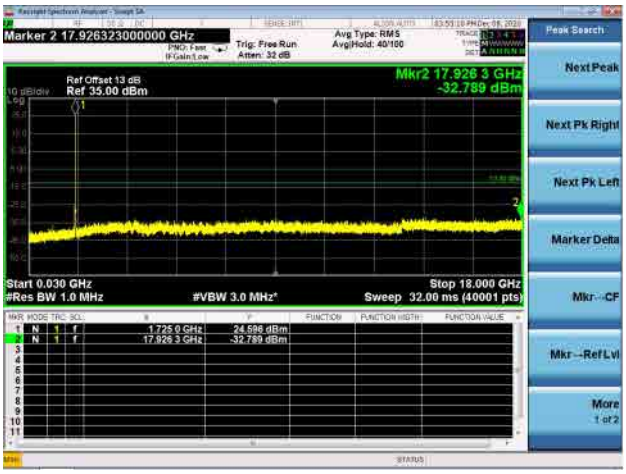
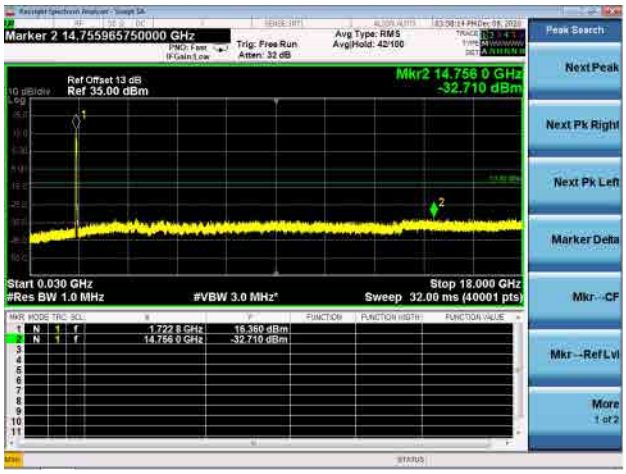
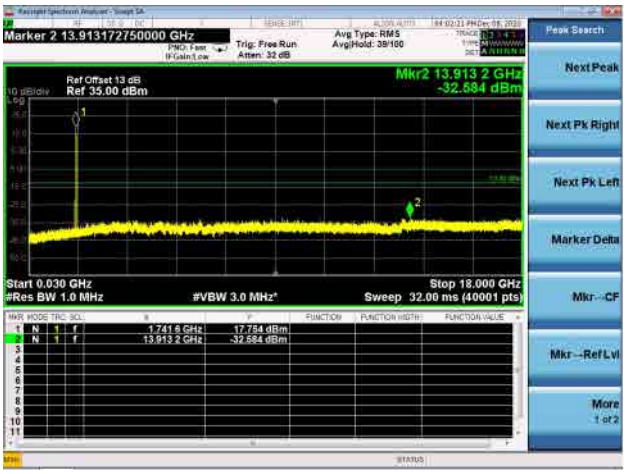
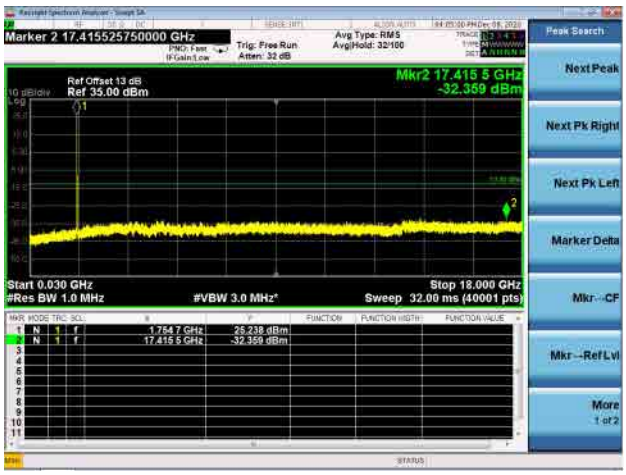
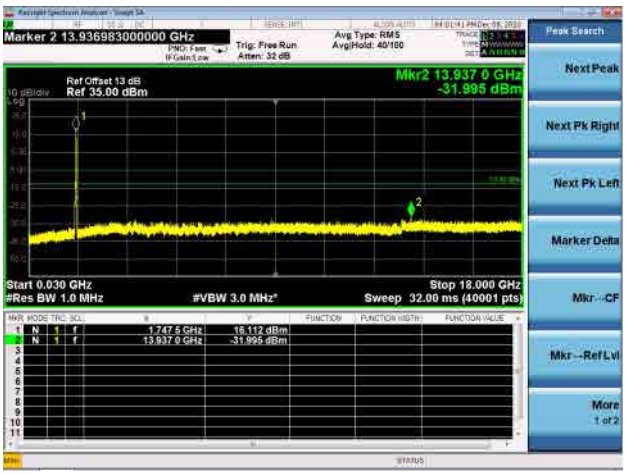
High CH/QPSK/1RB0 and 1RB74	High CH/QPSK/1RB49 and 1RB0
	
High CH/QPSK/FULL RB	
	

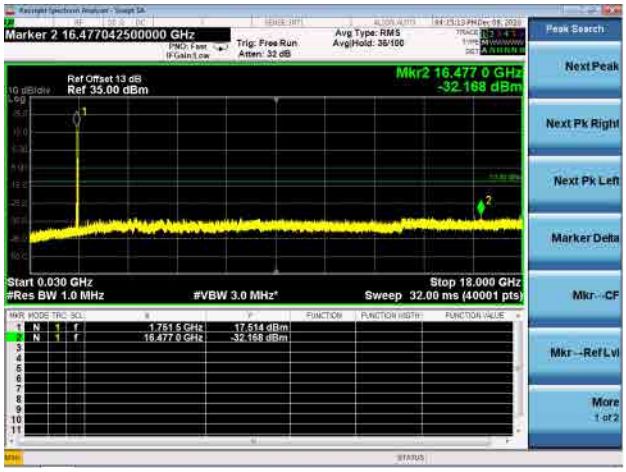
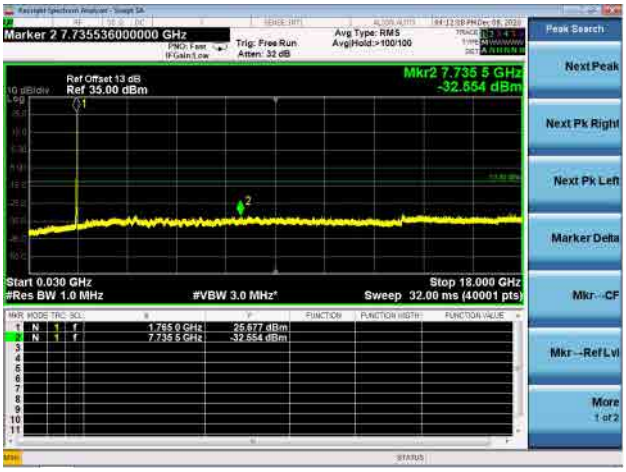
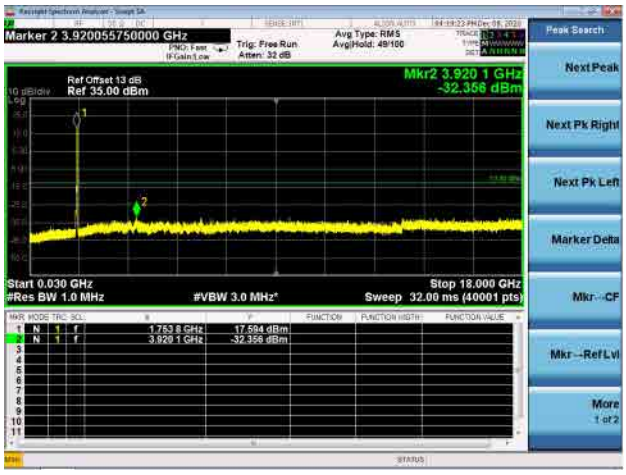
LTE Band 66C CSE	
Channel Bandwidth: 10MHz+20MHz	
LOW CH/QPSK/1RB0 and 1RB99	LOW CH/QPSK/1RB49 and 1RB0
	
LOW CH/QPSK/FULL RB	Mid CH/QPSK/1RB0 and 1RB99
	
Mid CH/QPSK/1RB49 and 1RB0	Mid CH/QPSK/FULL RB
	

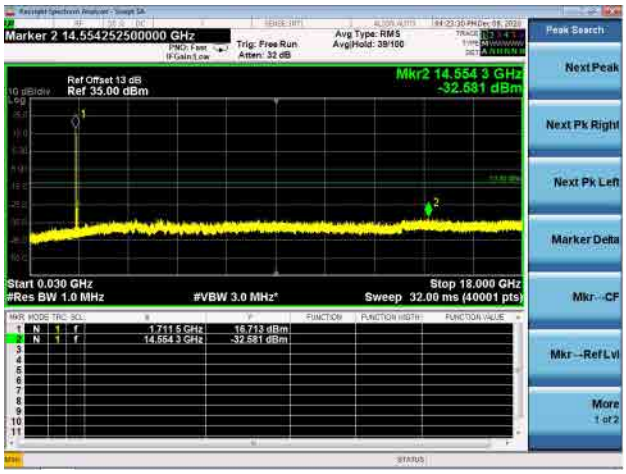
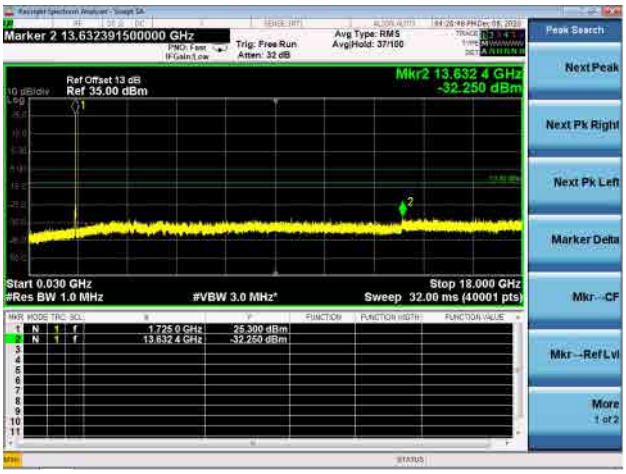
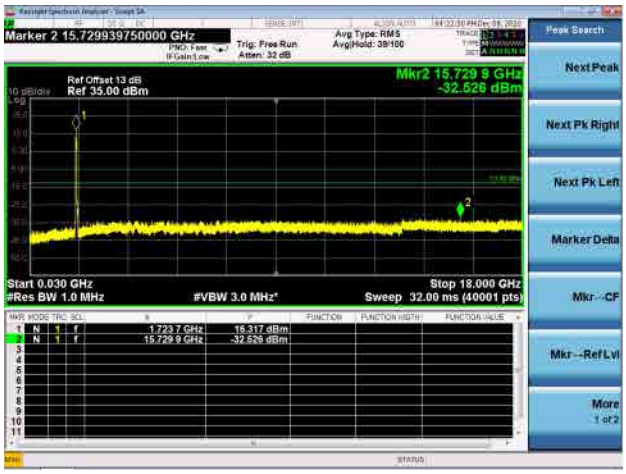
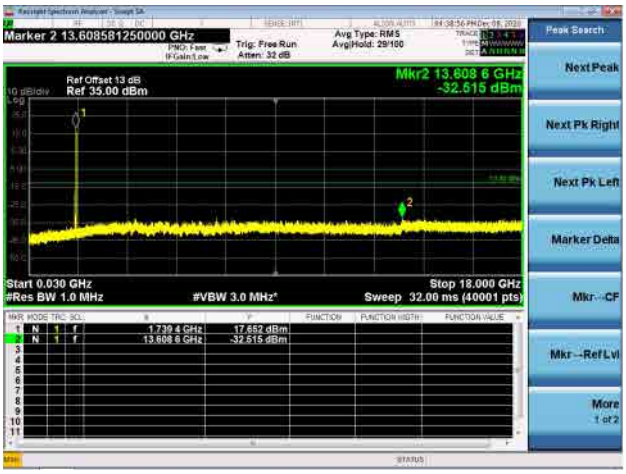
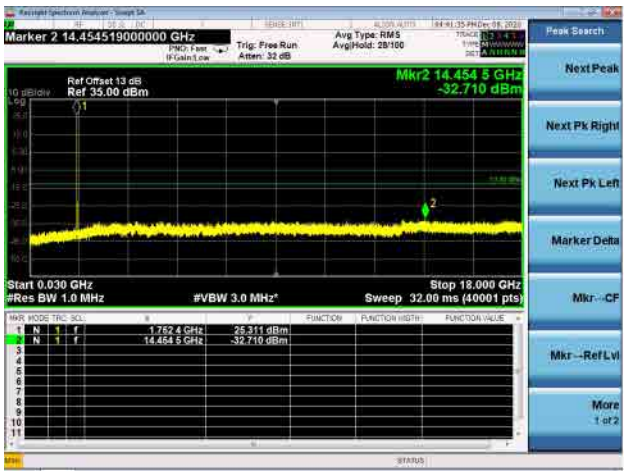
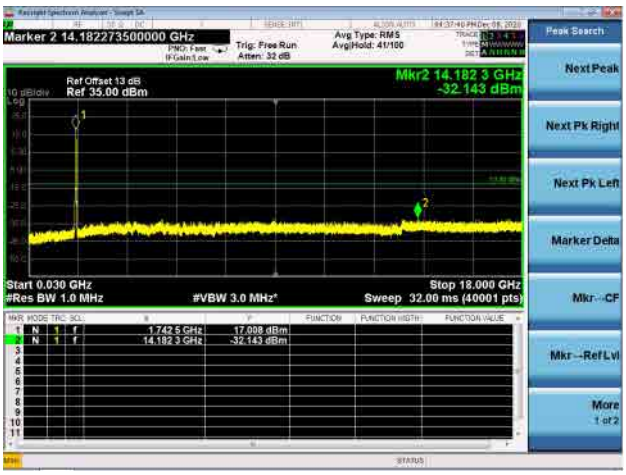
High CH/QPSK/1RB0 and 1RB99	High CH/QPSK/1RB49 and 1RB0
	
High CH/QPSK/FULL RB	
	

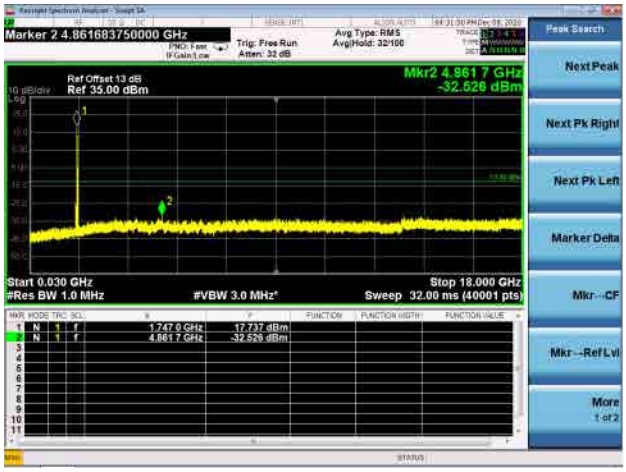
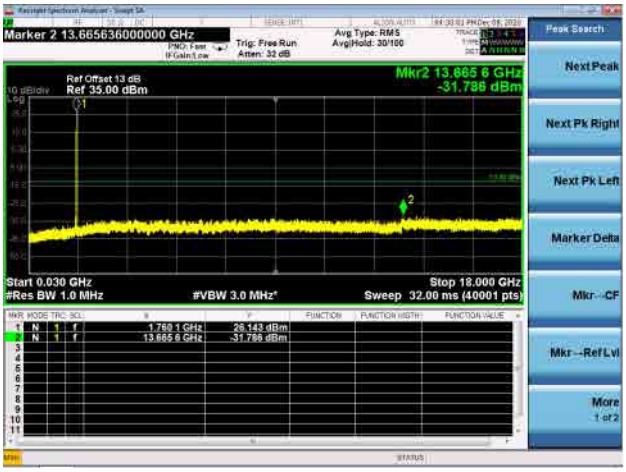
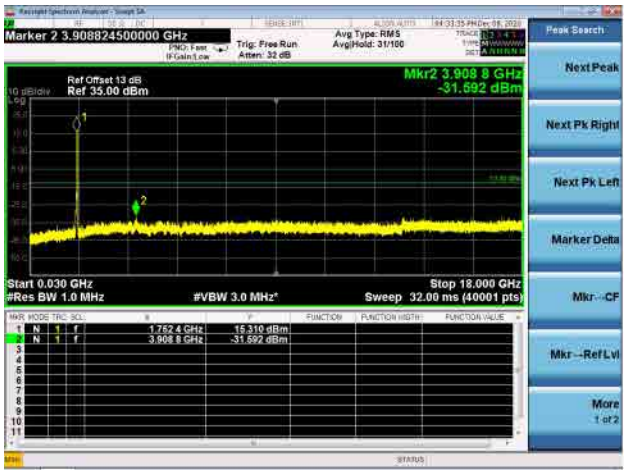
LTE Band 66C CSE	
Channel Bandwidth: 15MHz+10MHz	
LOW CH/QPSK/1RB0 and 1RB49	LOW CH/QPSK/1RB74 and 1RB0
	
LOW CH/QPSK/FULL RB	Mid CH/QPSK/1RB0 and 1RB49
	
Mid CH/QPSK/1RB74 and 1RB0	Mid CH/QPSK/FULL RB
	

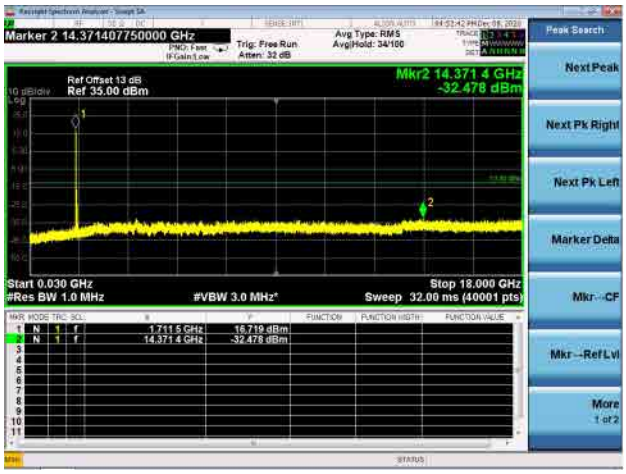
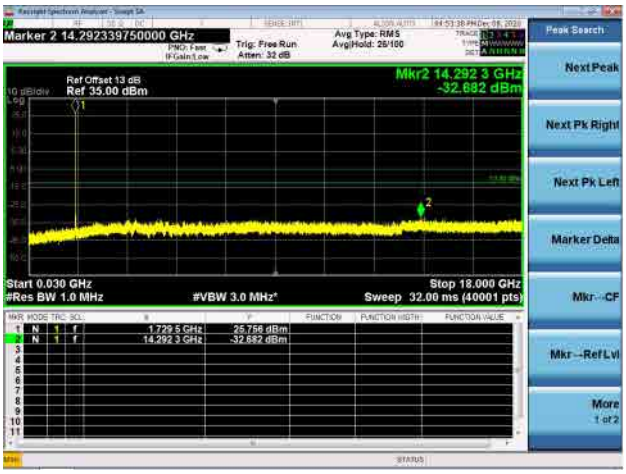
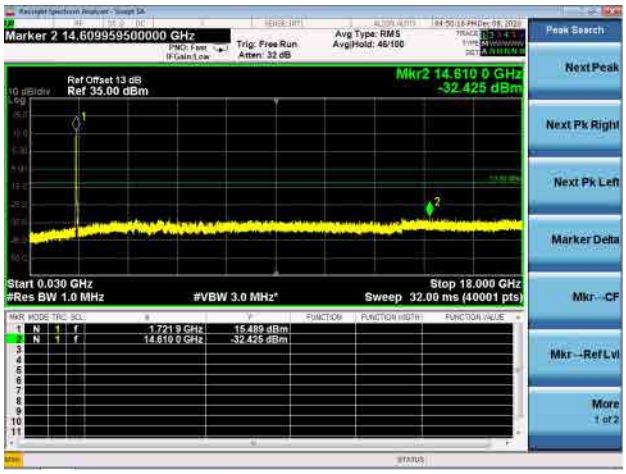
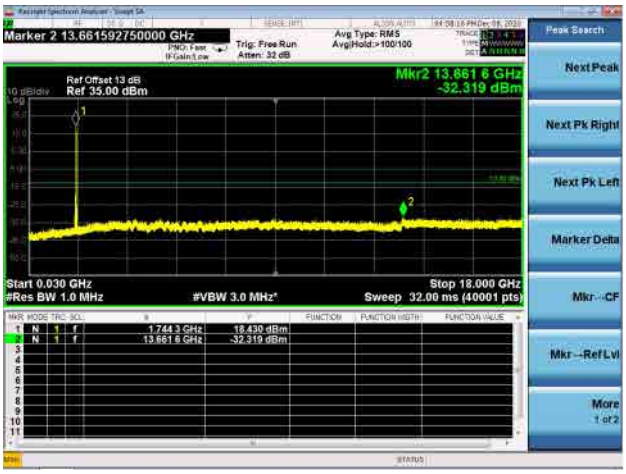
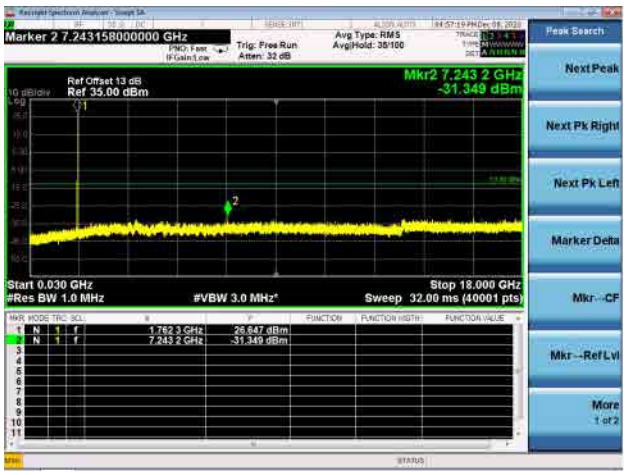
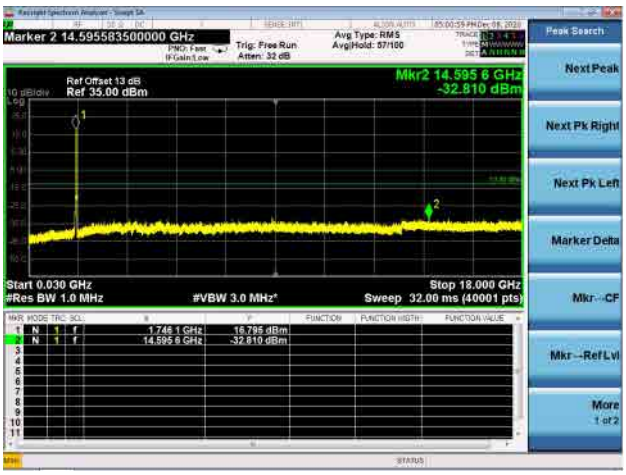
High CH/QPSK/1RB0 and 1RB49	High CH/QPSK/1RB74 and 1RB0
	
High CH/QPSK/FULL RB	
	

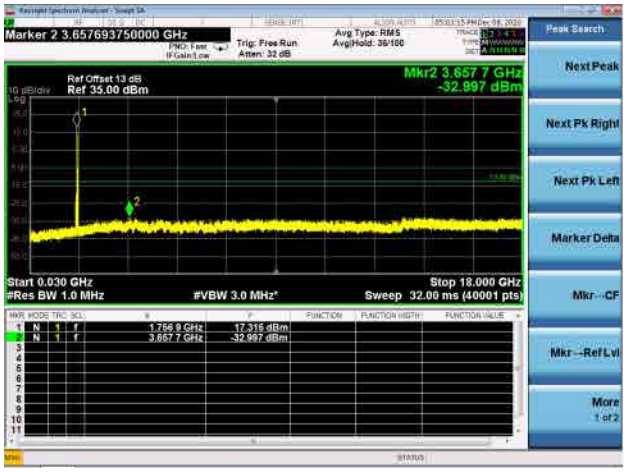
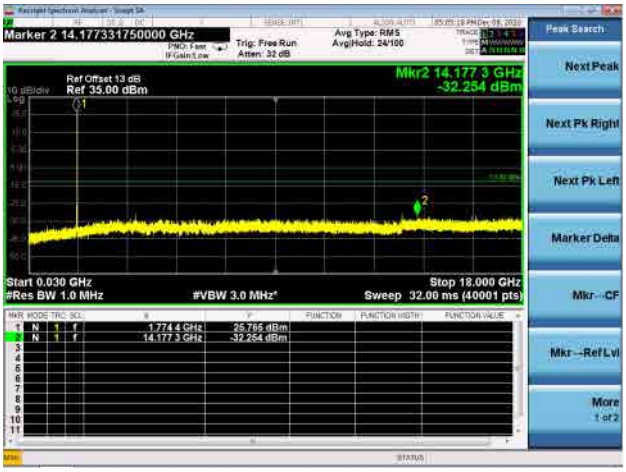
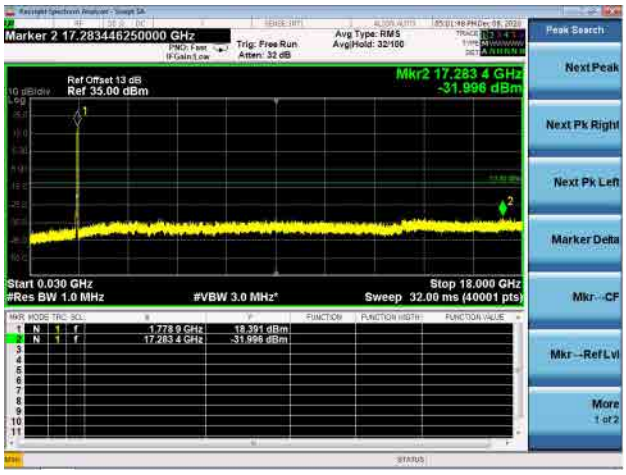
LTE Band 66C CSE	
Channel Bandwidth: 15MHz+15MHz	
LOW CH/QPSK/1RB0 and 1RB74	LOW CH/QPSK/1RB74 and 1RB0
	
LOW CH/QPSK/FULL RB	Mid CH/QPSK/1RB0 and 1RB74
	
Mid CH/QPSK/1RB74 and 1RB0	Mid CH/QPSK/FULL RB
	

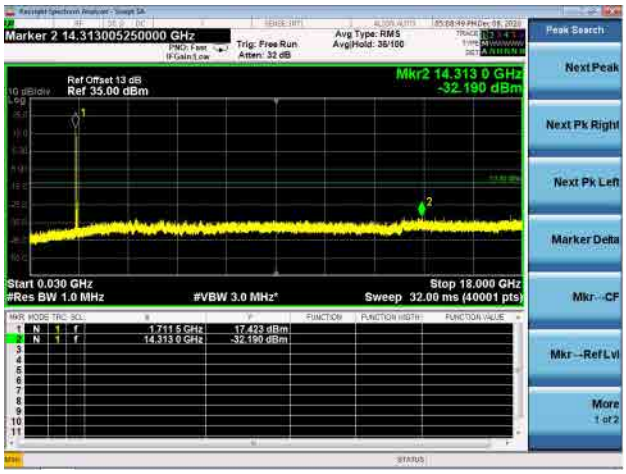
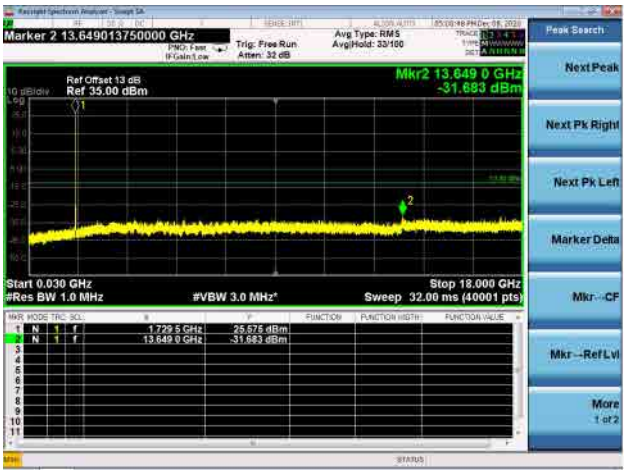
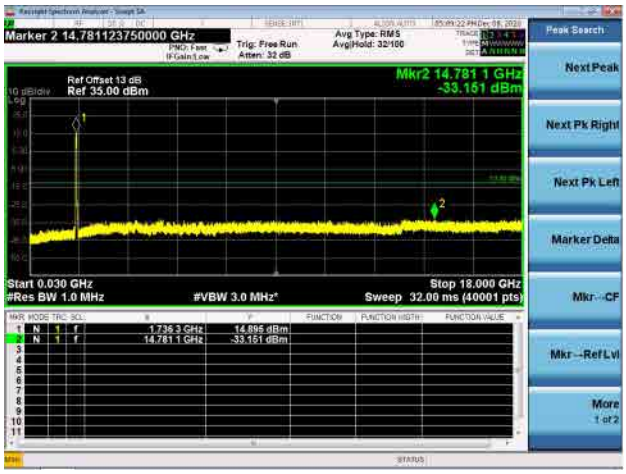
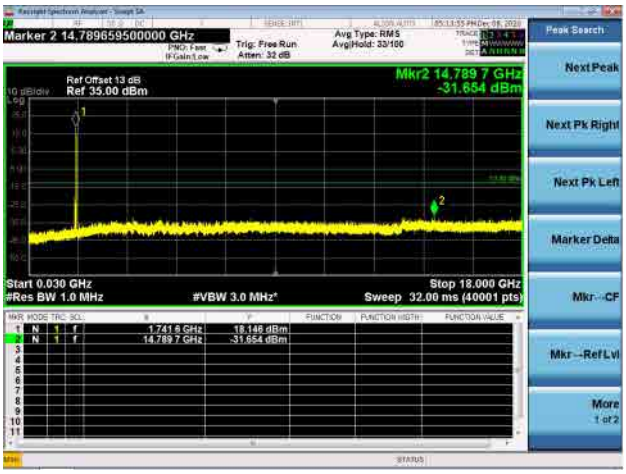
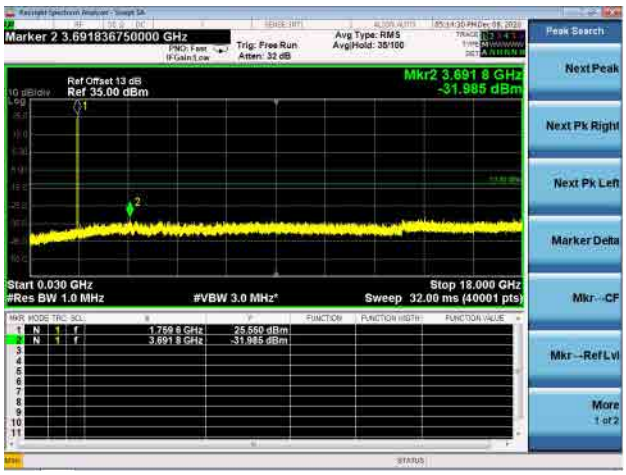
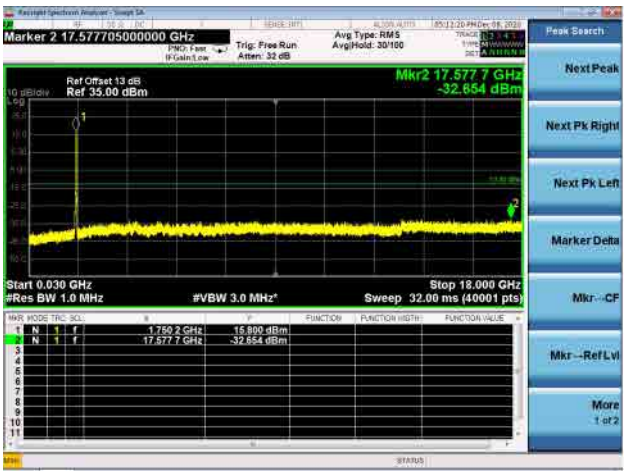
High CH/QPSK/1RB0 and 1RB74	High CH/QPSK/1RB74 and 1RB0
	
High CH/QPSK/FULL RB	
	

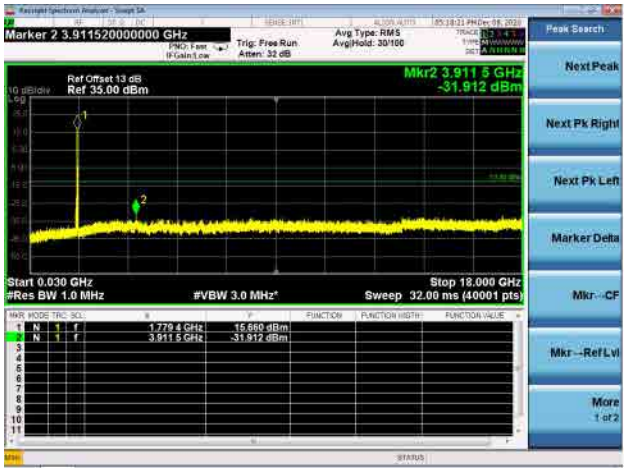
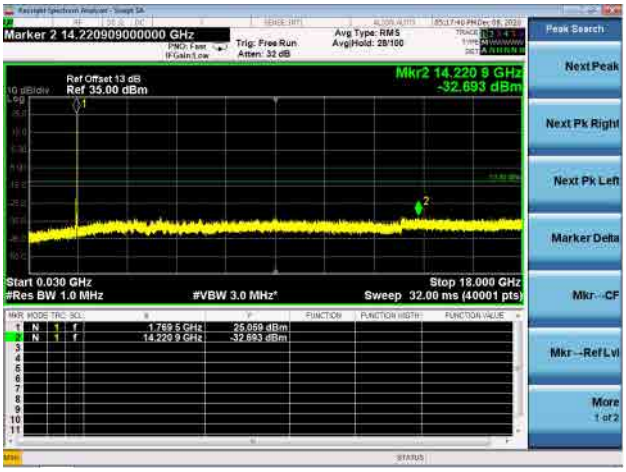
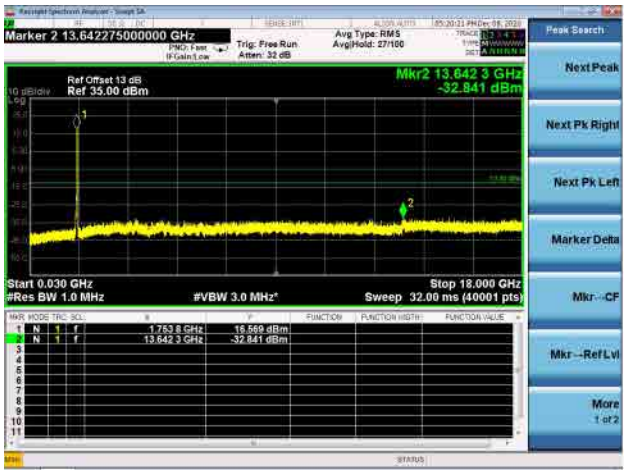
LTE Band 66C CSE	
Channel Bandwidth: 15MHz+20MHz	
LOW CH/QPSK/1RB0 and 1RB99	LOW CH/QPSK/1RB74 and 1RB0
	
LOW CH/QPSK/FULL RB	Mid CH/QPSK/1RB0 and 1RB99
	
Mid CH/QPSK/1RB74 and 1RB0	Mid CH/QPSK/FULL RB
	

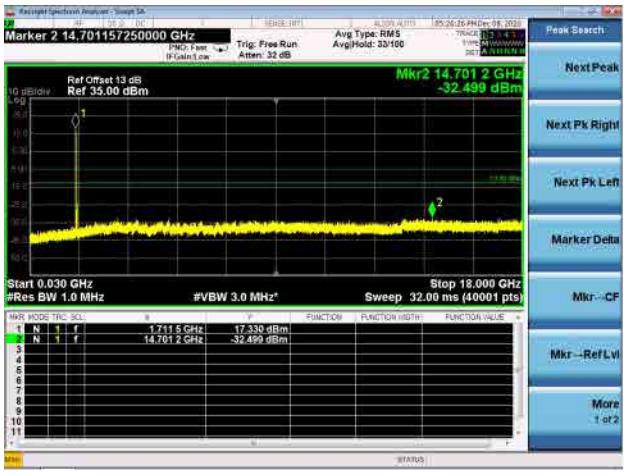
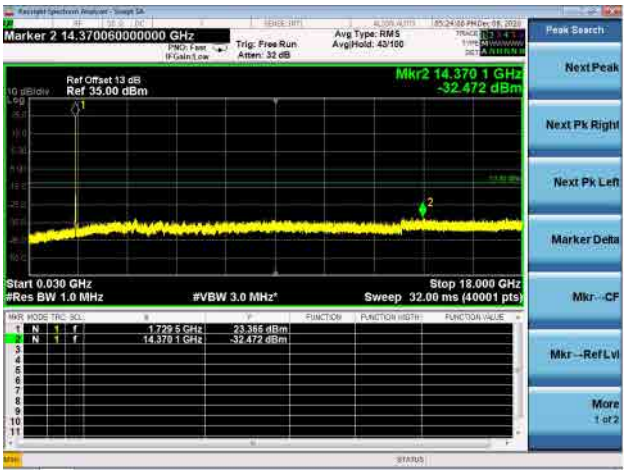
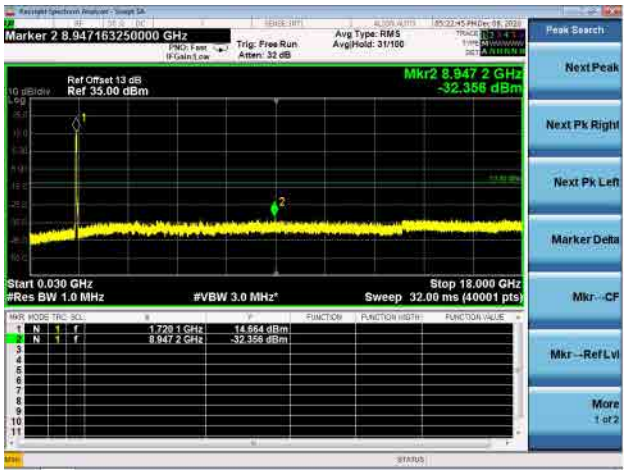
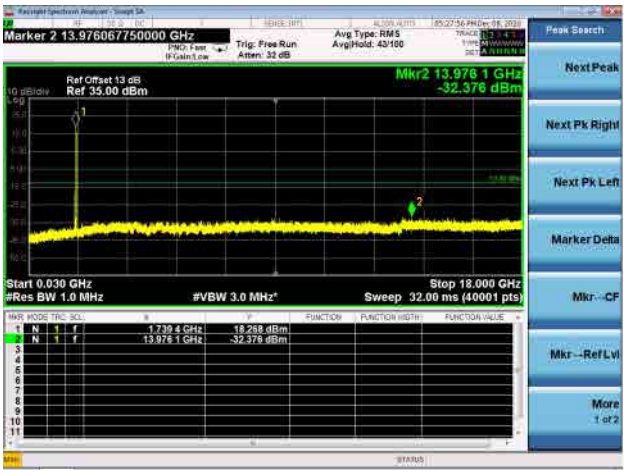
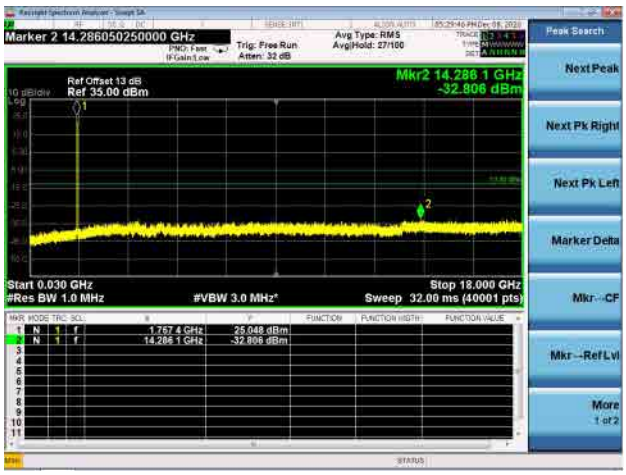
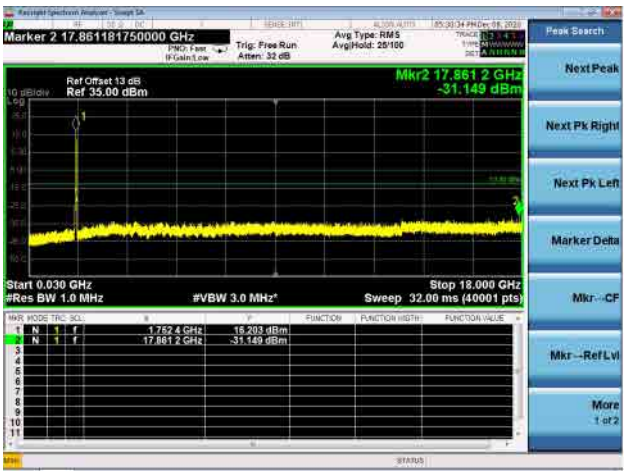
High CH/QPSK/1RB0 and 1RB99	High CH/QPSK/1RB74 and 1RB0
	
High CH/QPSK/FULL RB	
	

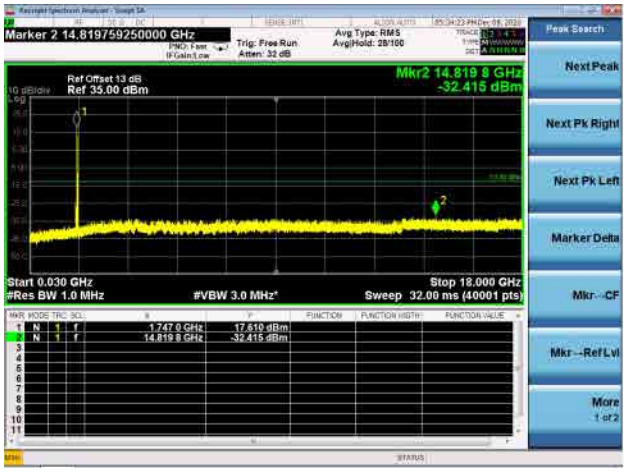
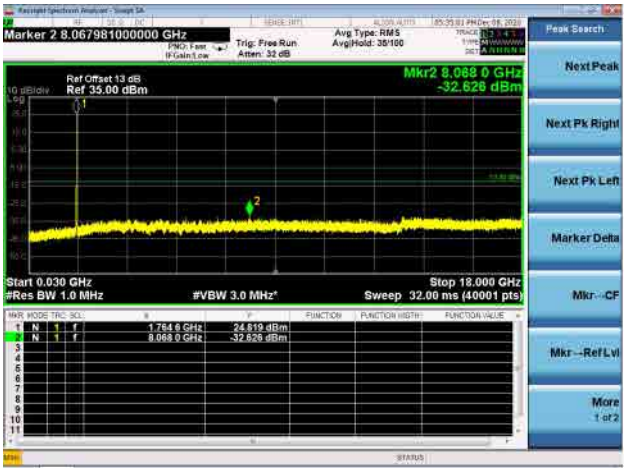
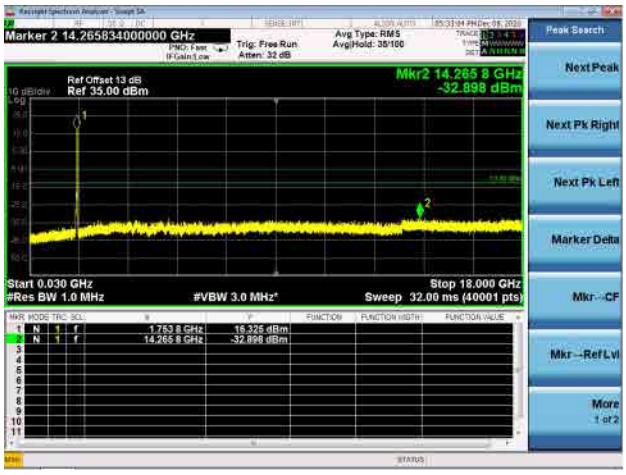
LTE Band 66C CSE	
Channel Bandwidth: 20MHz+5MHz	
LOW CH/QPSK/1RB0 and 1RB24	LOW CH/QPSK/1RB99 and 1RB0
	
LOW CH/QPSK/FULL RB	Mid CH/QPSK/1RB0 and 1RB24
	
Mid CH/QPSK/1RB99 and 1RB0	Mid CH/QPSK/FULL RB
	

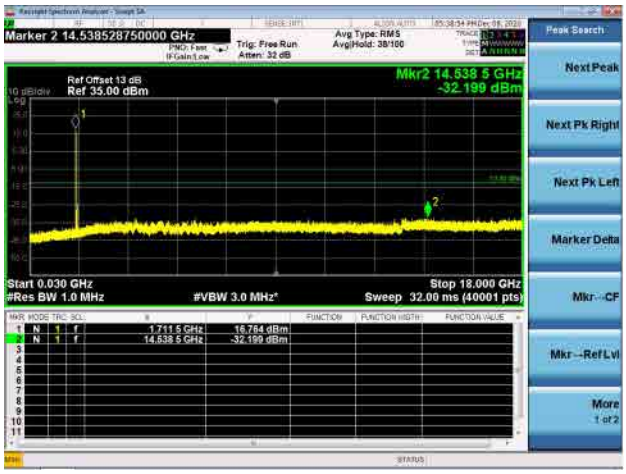
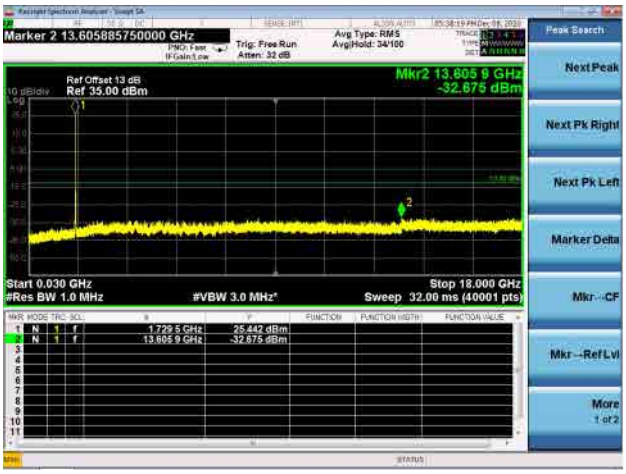
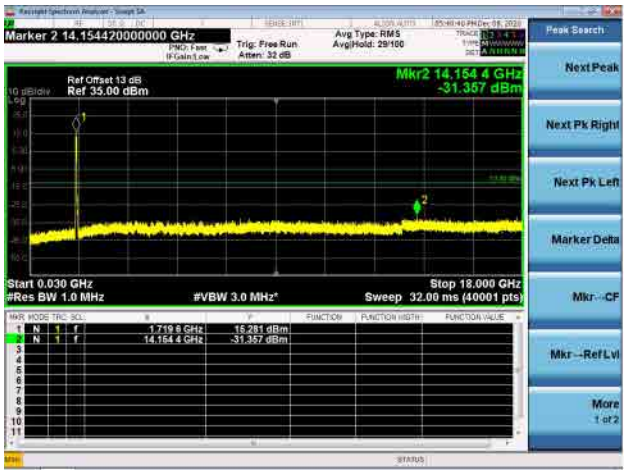
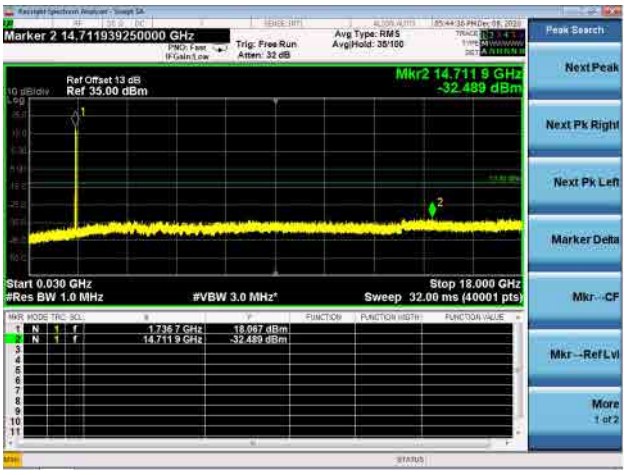
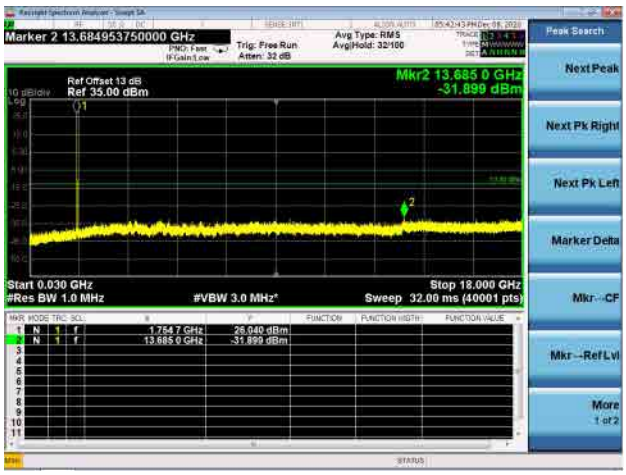
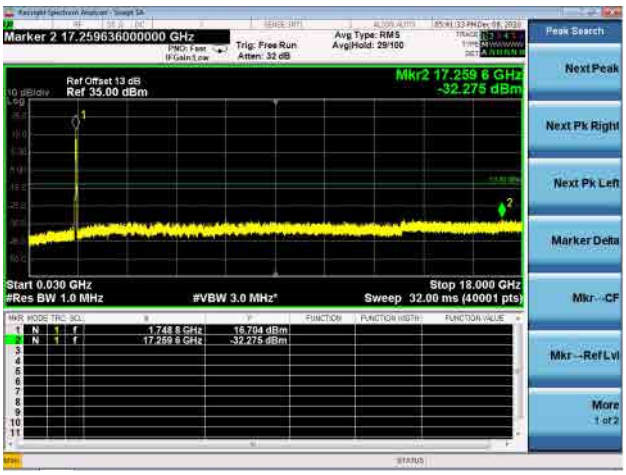
High CH/QPSK/1RB0 and 1RB24	High CH/QPSK/1RB99 and 1RB0
	
High CH/QPSK/FULL RB	
	

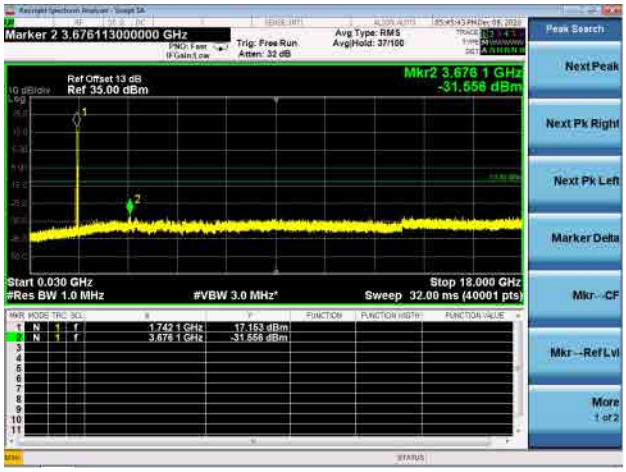
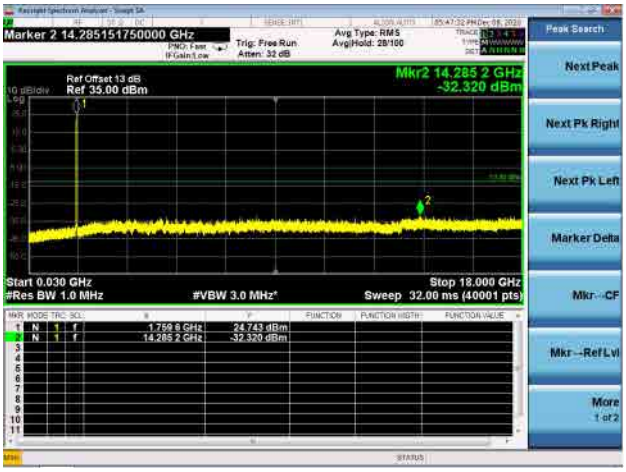
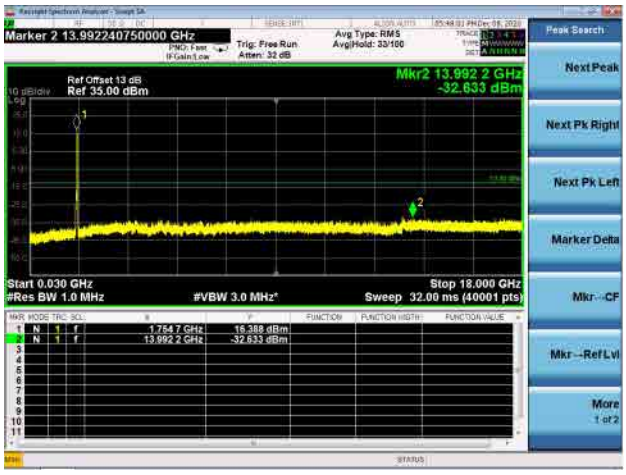
LTE Band 66C CSE	
Channel Bandwidth: 20MHz+10MHz	
LOW CH/QPSK/1RB0 and 1RB49	LOW CH/QPSK/1RB99 and 1RB0
	
LOW CH/QPSK/FULL RB	Mid CH/QPSK/1RB0 and 1RB49
	
Mid CH/QPSK/1RB99 and 1RB0	Mid CH/QPSK/FULL RB
	

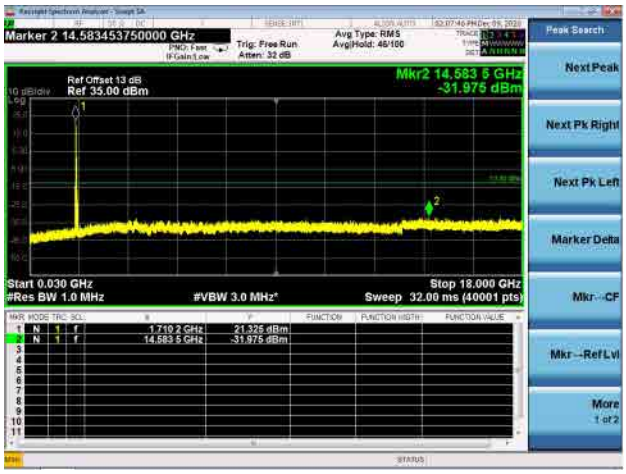
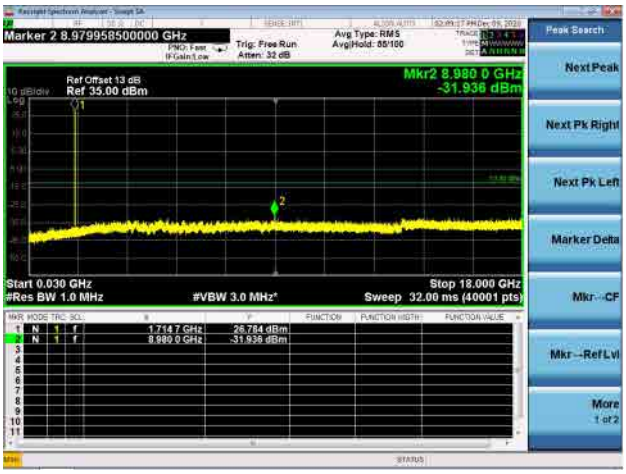
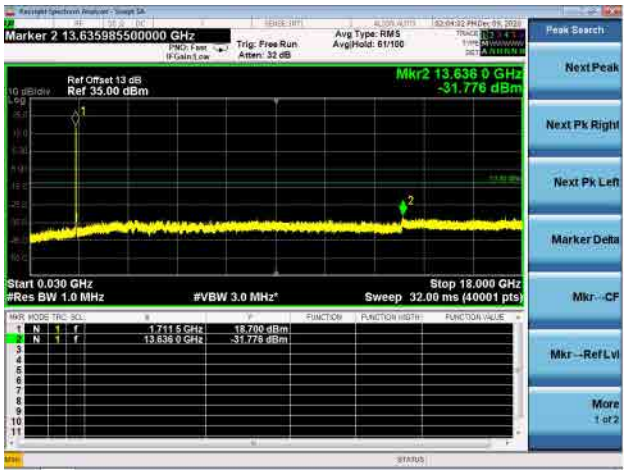
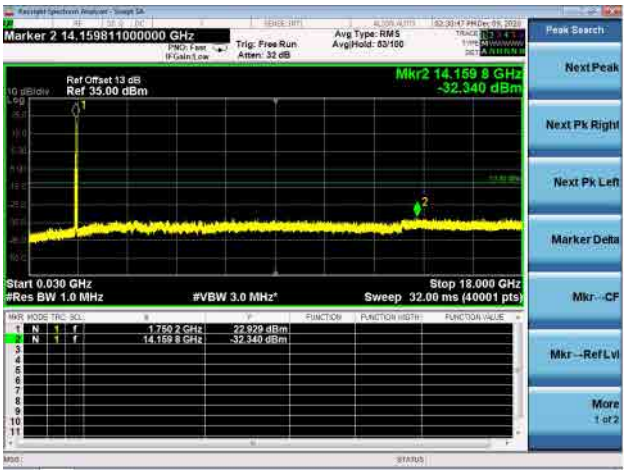
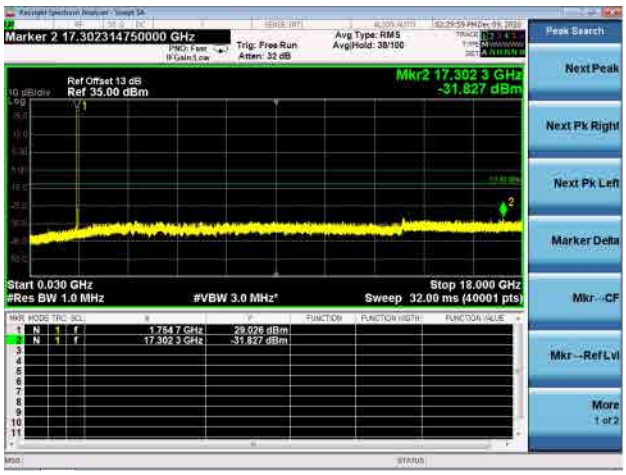
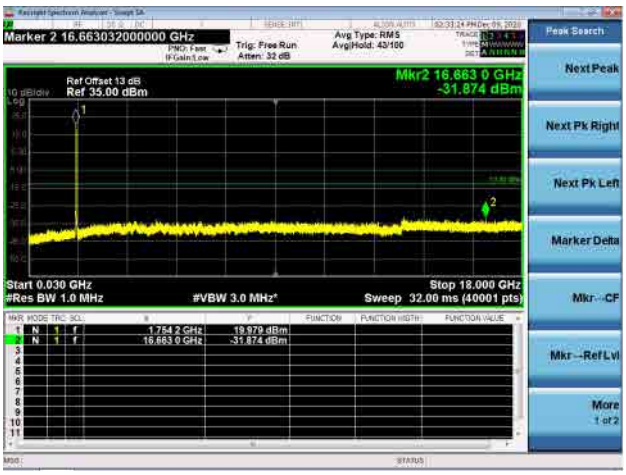
High CH/QPSK/1RB0 and 1RB49	High CH/QPSK/1RB99 and 1RB0
	
High CH/QPSK/FULL RB	
	

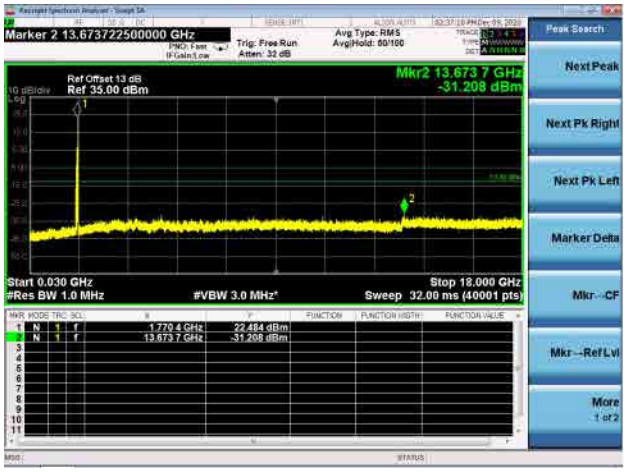
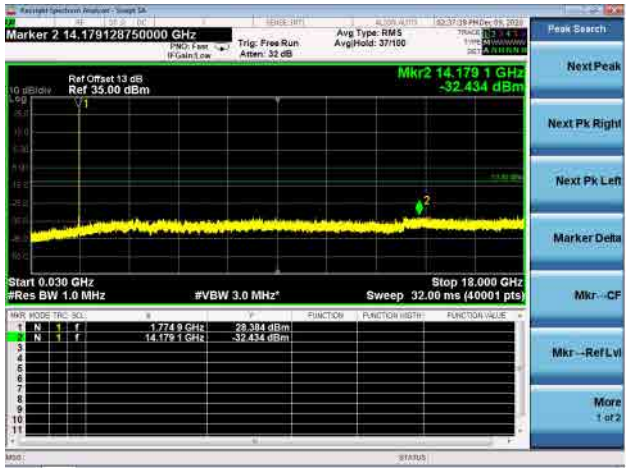
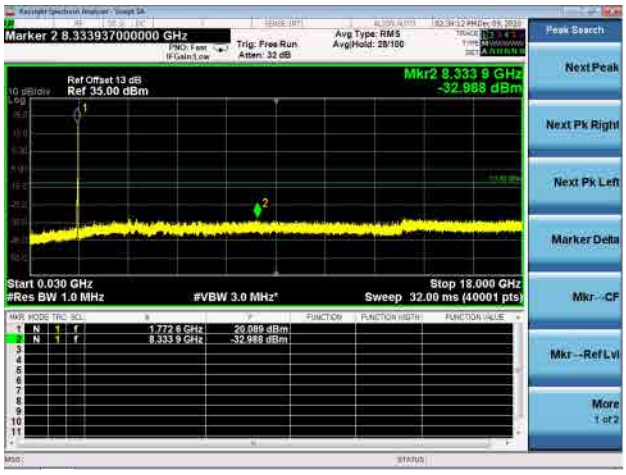
LTE Band 66C CSE	
Channel Bandwidth: 20MHz+15MHz	
LOW CH/QPSK/1RB0 and 1RB74	LOW CH/QPSK/1RB99 and 1RB0
	
LOW CH/QPSK/FULL RB	Mid CH/QPSK/1RB0 and 1RB74
	
Mid CH/QPSK/1RB99 and 1RB0	Mid CH/QPSK/FULL RB
	

High CH/QPSK/1RB0 and 1RB74	High CH/QPSK/1RB99 and 1RB0
	
High CH/QPSK/FULL RB	
	

LTE Band 66C CSE	
Channel Bandwidth: 20MHz+20MHz	
LOW CH/QPSK/1RB0 and 1RB99	LOW CH/QPSK/1RB99 and 1RB0
	
LOW CH/QPSK/FULL RB	Mid CH/QPSK/1RB0 and 1RB99
	
Mid CH/QPSK/1RB99 and 1RB0	Mid CH/QPSK/FULL RB
	

High CH/QPSK/1RB0 and 1RB99	High CH/QPSK/1RB99 and 1RB0
	
High CH/QPSK/FULL RB	
	

LTE Band 66B CSE	
Channel Bandwidth: 5MHz+5MHz	
LOW CH/QPSK/1RB0 and 1RB24	LOW CH/QPSK/1RB24 and 1RB0
	
LOW CH/QPSK/FULL RB	Mid CH/QPSK/1RB0 and 1RB24
	
Mid CH/QPSK/1RB24 and 1RB0	Mid CH/QPSK/FULL RB
	

High CH/QPSK/1RB0 and 1RB24	High CH/QPSK/1RB24 and 1RB0
	
High CH/QPSK/FULL RB