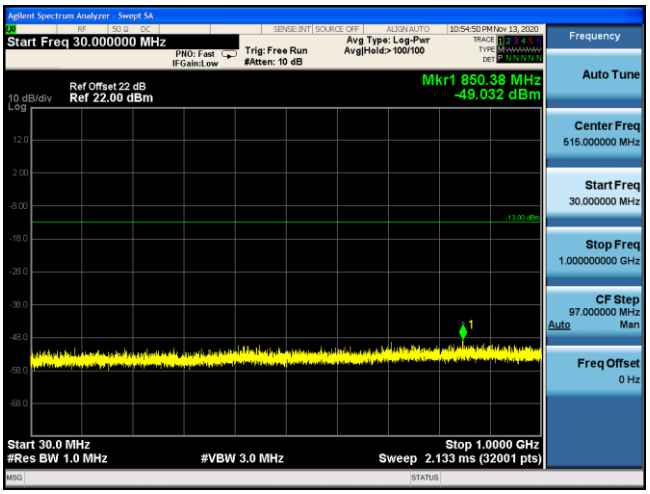
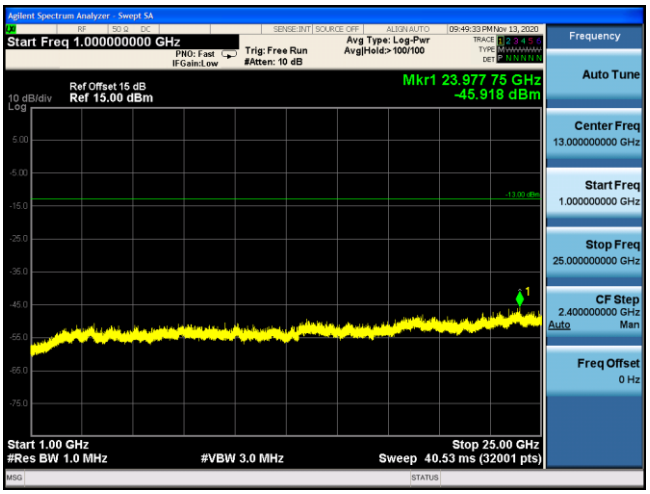
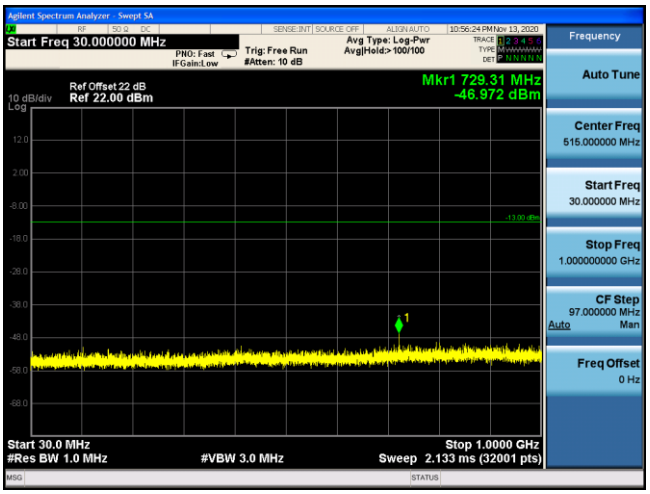
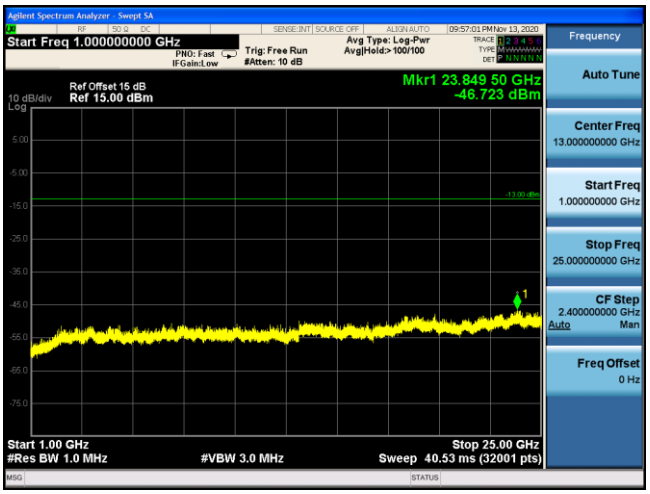
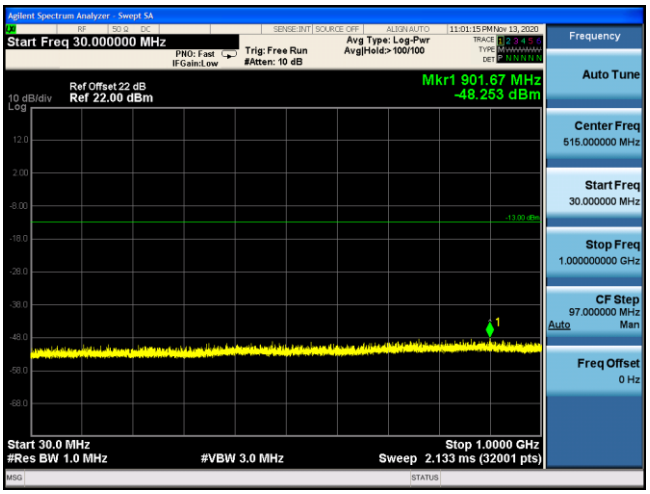
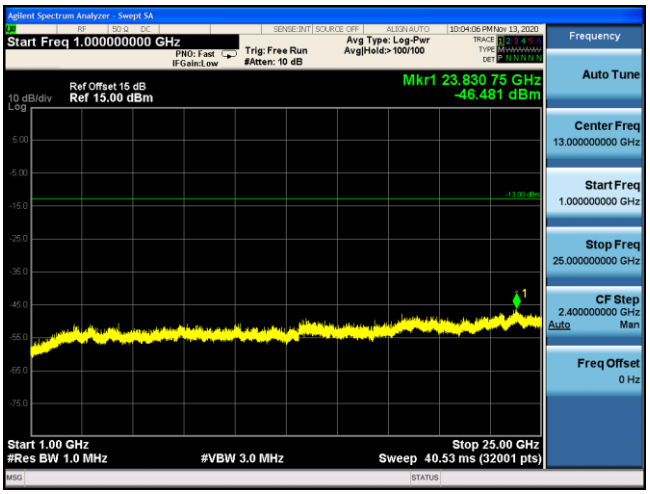
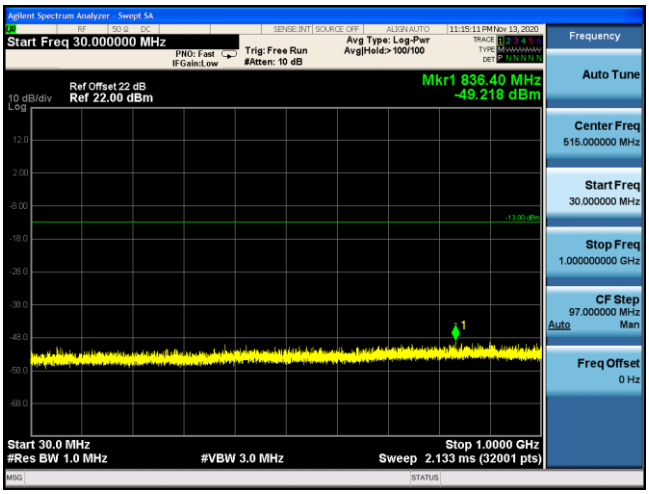
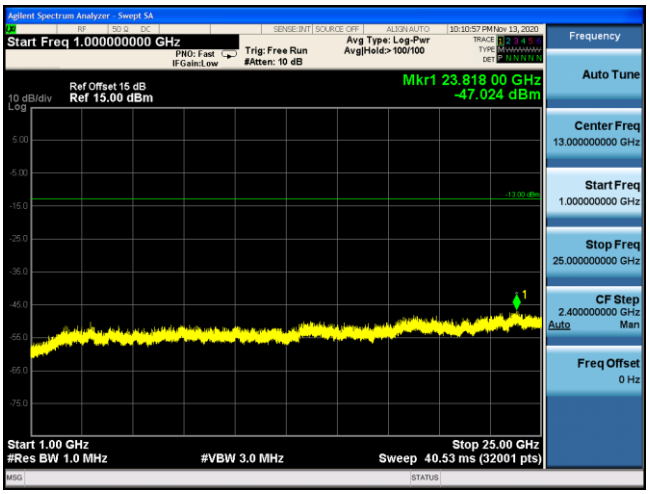
LTE Band 7 16QAM 5MHz CH21425 1RB#12_30MHz-1GHz	LTE Band 7 16QAM 5MHz CH21425 1RB#12_1GHz-25GHz
	
LTE Band 7 16QAM 10MHz CH21400 1RB#25_30MHz-1GHz	**LTE Band 7 16QAM 10MHz CH21400 1RB#25_1GHz-25GHz**
	
LTE Band 7 16QAM 15MHz CH21375 1RB#36_30MHz-1GHz	**LTE Band 7 16QAM 15MHz CH21375 1RB#36_1GHz-25GHz**
	

LTE Band 7 16QAM 20MHz CH21350 1RB#49_30MHz-1GHz	LTE Band 7 16QAM 20MHz CH21350 1RB#49_1GHz-25GHz
	

7.4. Band Edge at Antenna Terminal

7.4.1. Test Limit

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 + 10log(P) dB for Band 2,4,5,12,13,17/ the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz for Band7.

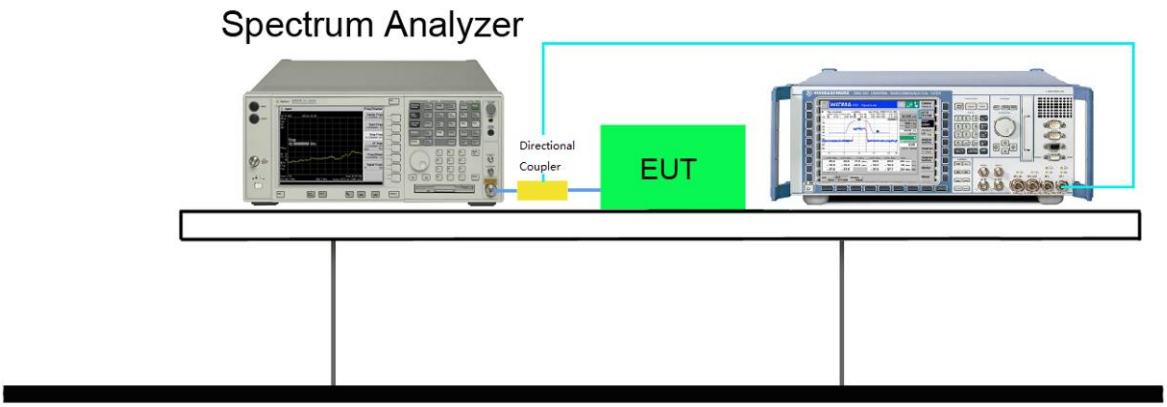
7.4.2. Test Procedure Used

KDB 971168 D01v03r01 – Section 6.0 & ANSI/TIA-603-E-2016

7.4.3. Test Setting

In the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy provided the measured power is integrated over the full required measurement bandwidth (i.e. 100 kHz or 1 percent of emission bandwidth, as specified). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

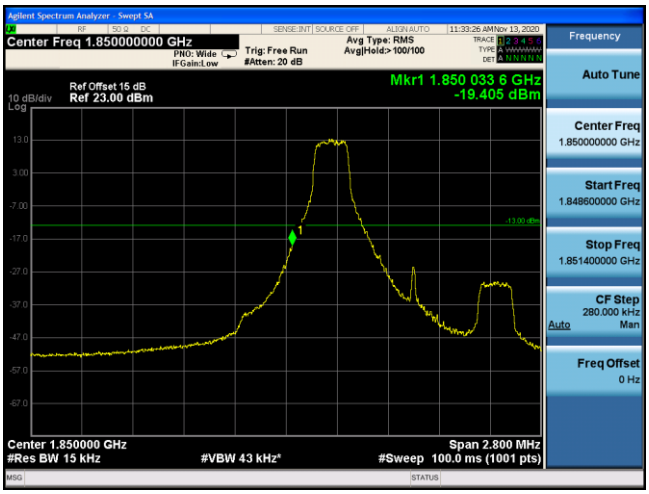
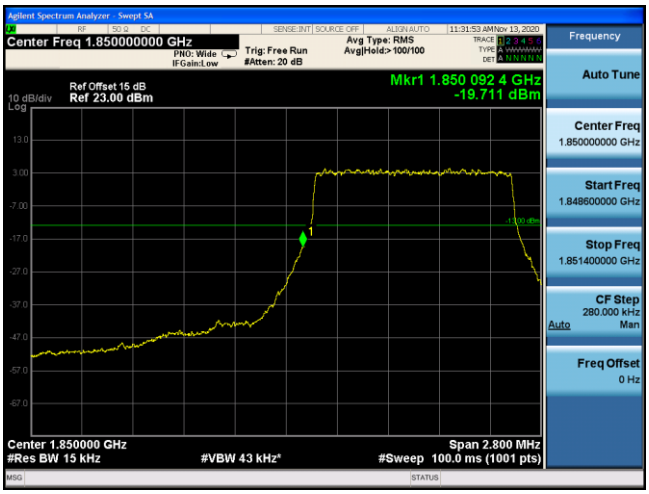
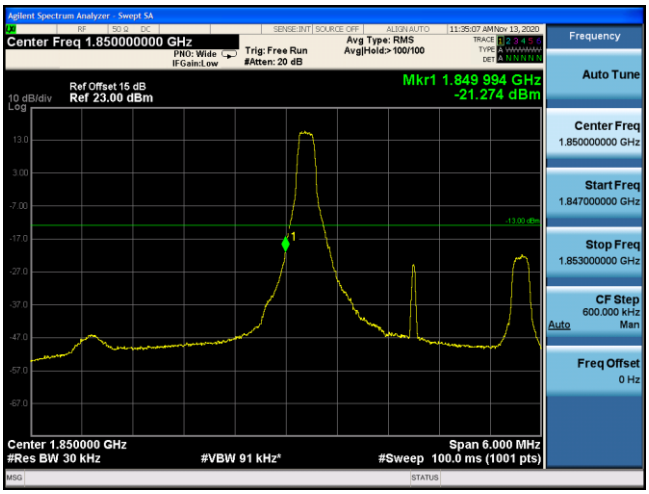
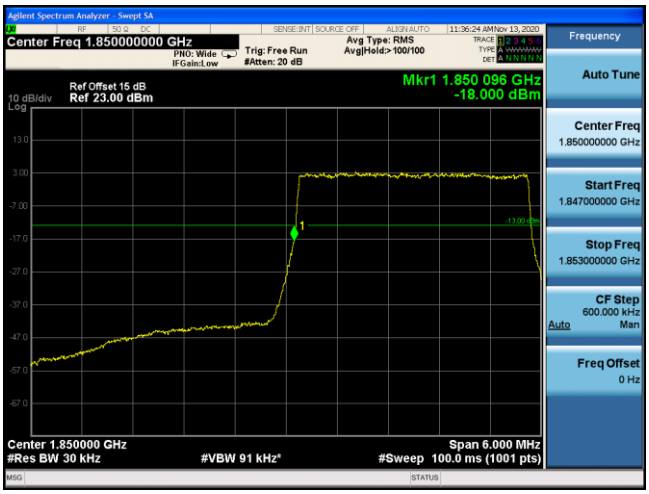
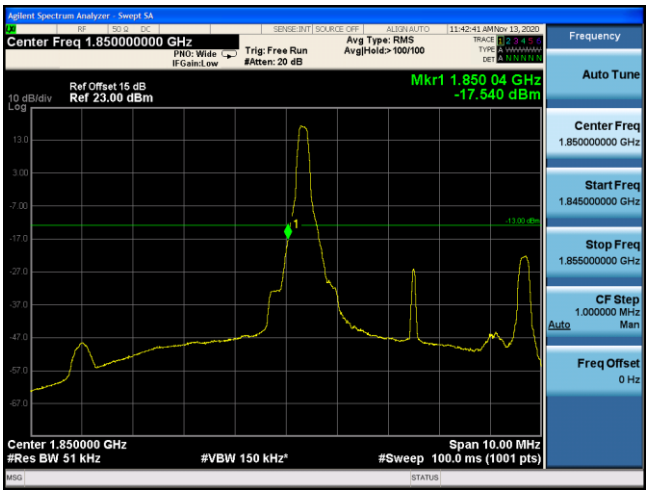
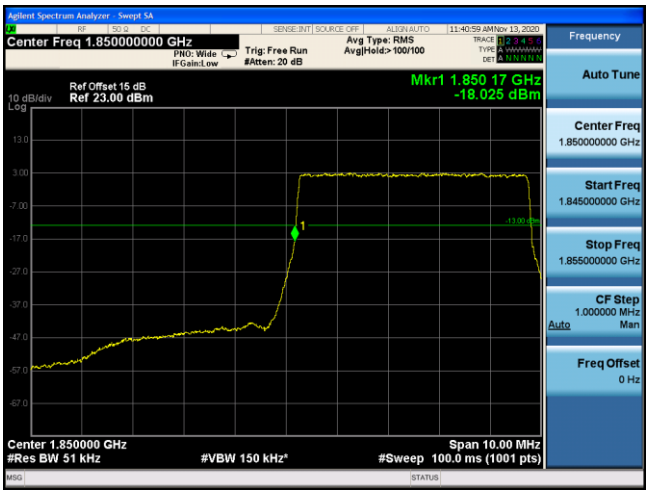
7.4.4. Test Setup

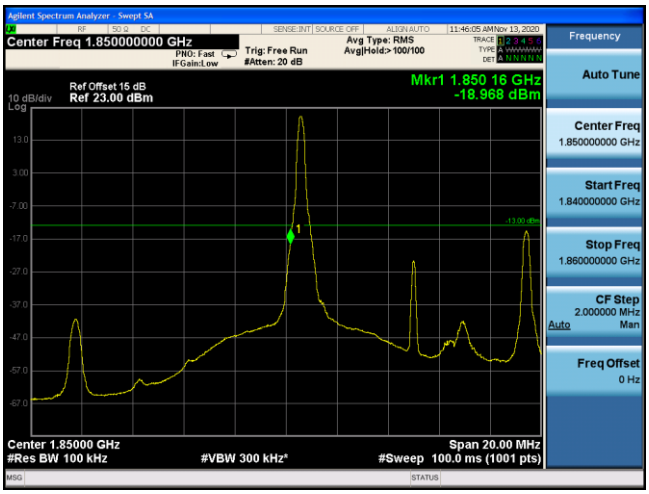
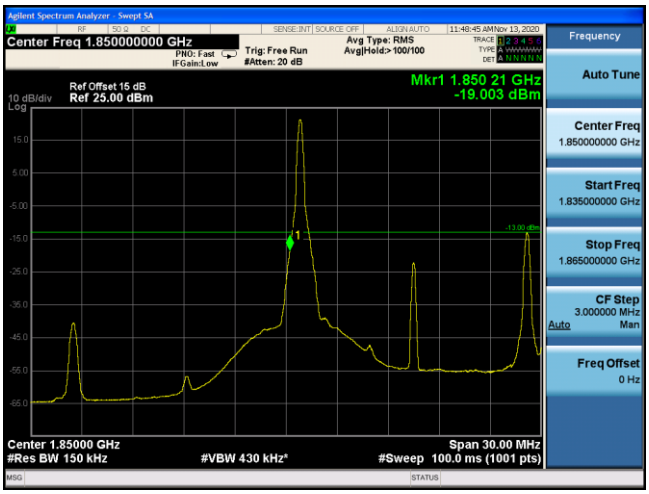
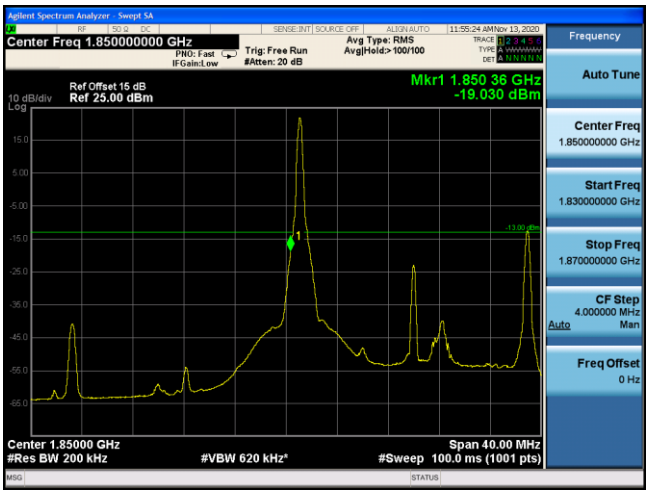


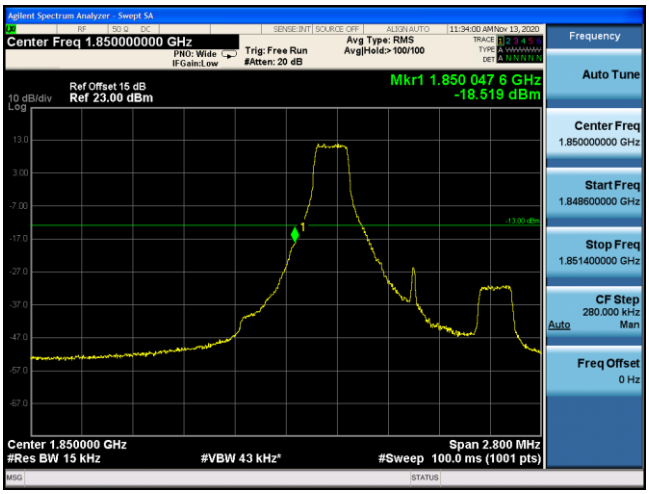
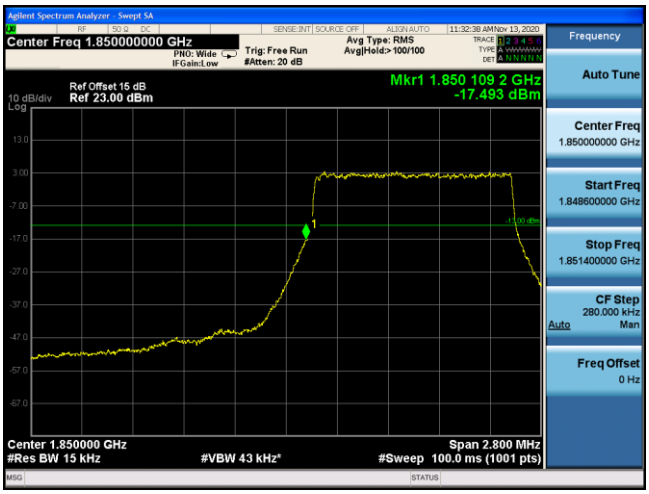
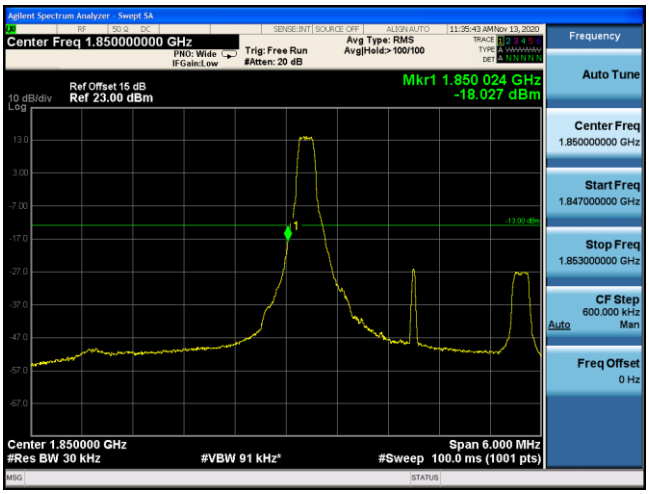
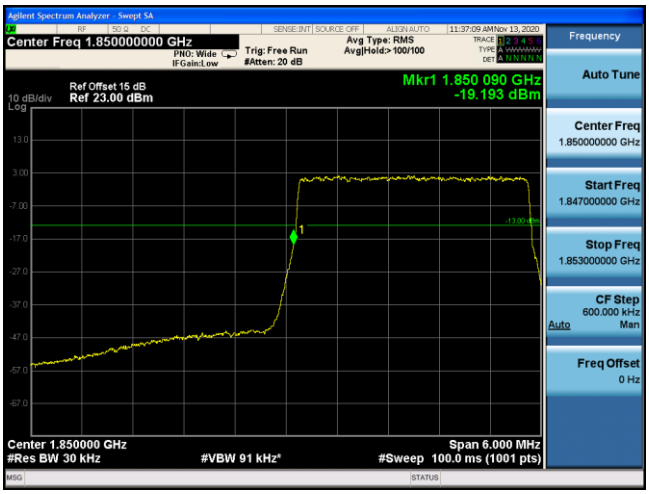
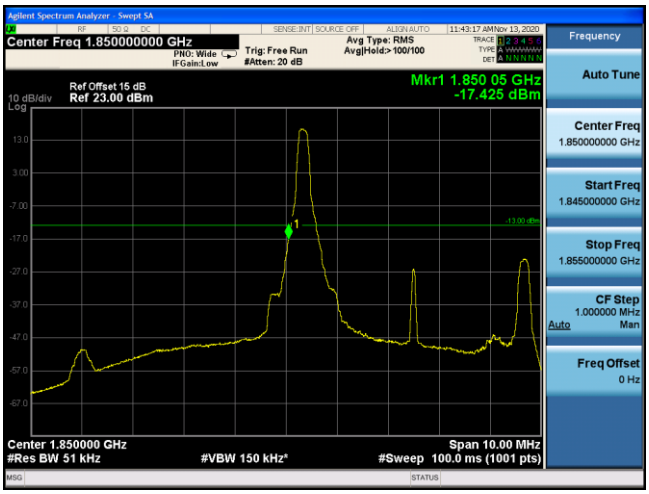
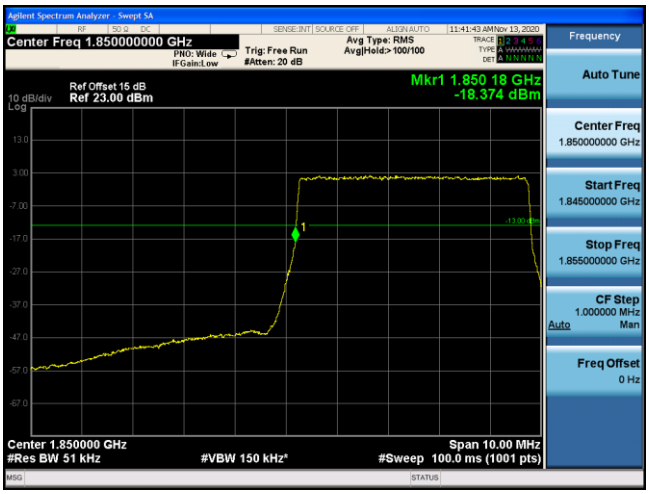
7.4.5. Test Result

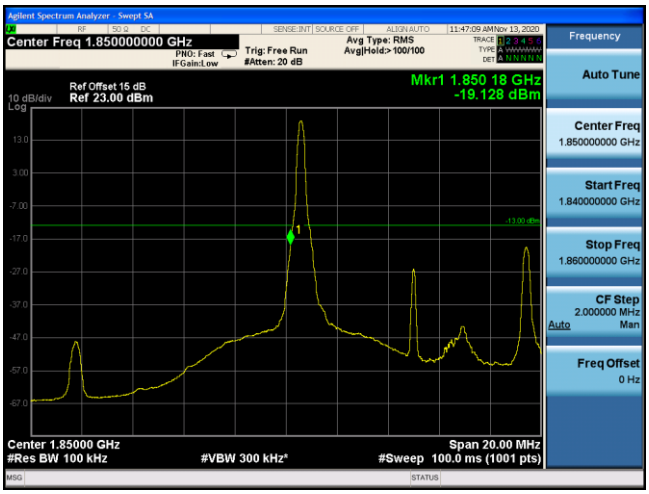
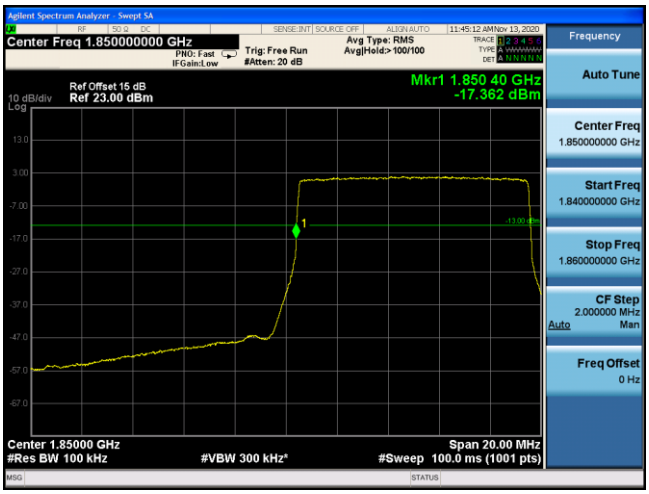
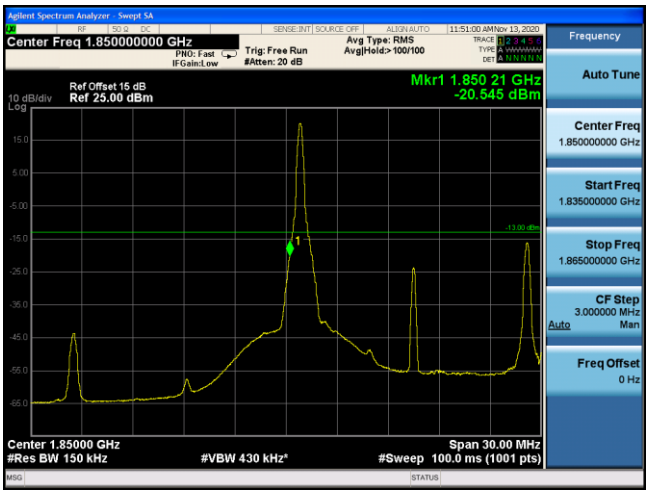
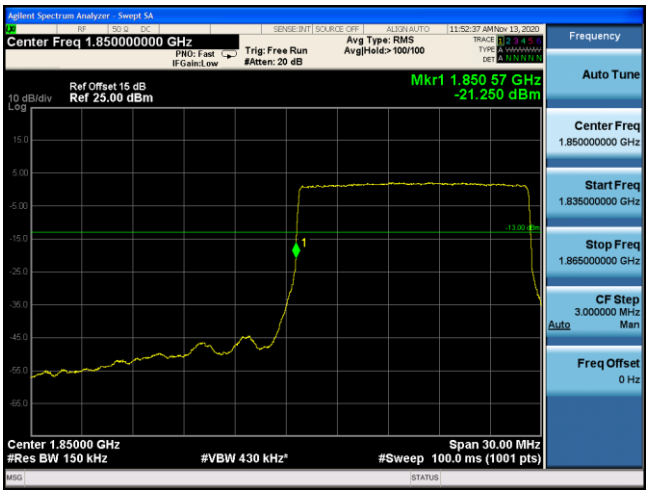
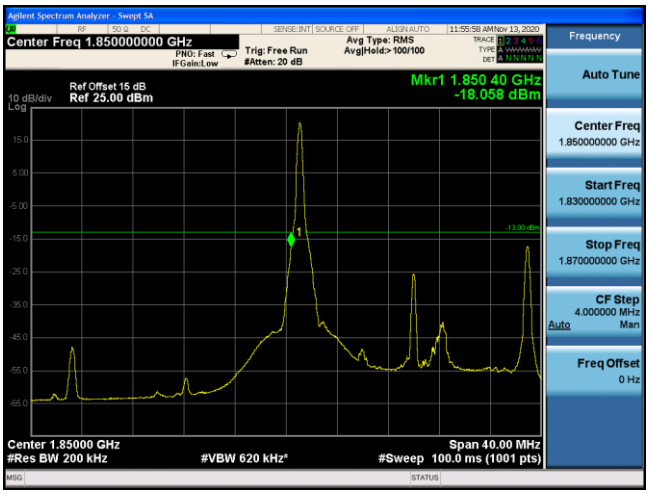
Test Mode	Modulation	Channel / Frequency (MHz)	Bandwidth (MHz)	RB Size	RB Offset	Test Result
LTE Band 2 (Low Channel)	QPSK	CH18607 / 1850.7MHz	1.4	1	0	Pass
				6	0	Pass
		CH18615 / 1851.5MHz	3	1	0	Pass
				15	0	Pass
		CH18625 / 1852.5MHz	5	1	0	Pass
				25	0	Pass
		CH18650 / 1855MHz	10	1	0	Pass
				50	0	Pass
		CH18675 / 1857.5MHz	15	1	0	Pass
				75	0	Pass
		CH18700 / 1860MHz	20	1	0	Pass
				100	0	Pass
	16QAM	CH18607 / 1850.7MHz	1.4	1	0	Pass
				6	0	Pass
		CH18615 / 1851.5MHz	3	1	0	Pass
				15	0	Pass
		CH18625 / 1852.5MHz	5	1	0	Pass
				25	0	Pass
		CH18650 / 1855MHz	10	1	0	Pass
				50	0	Pass
		CH18675 / 1857.5MHz	15	1	0	Pass
				75	0	Pass
		CH18700 / 1860MHz	20	1	0	Pass
				100	0	Pass

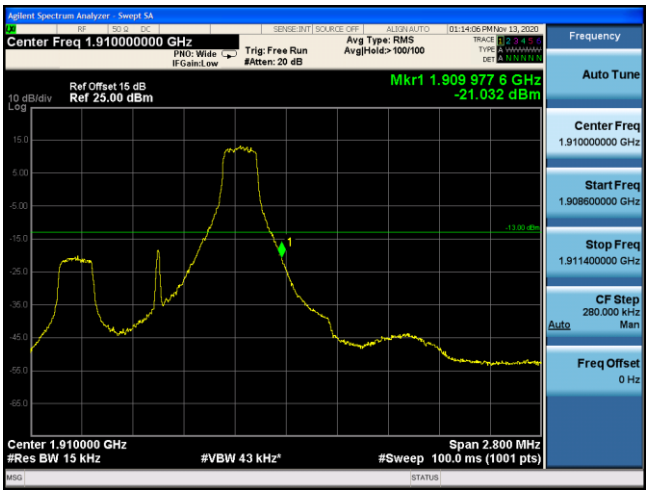
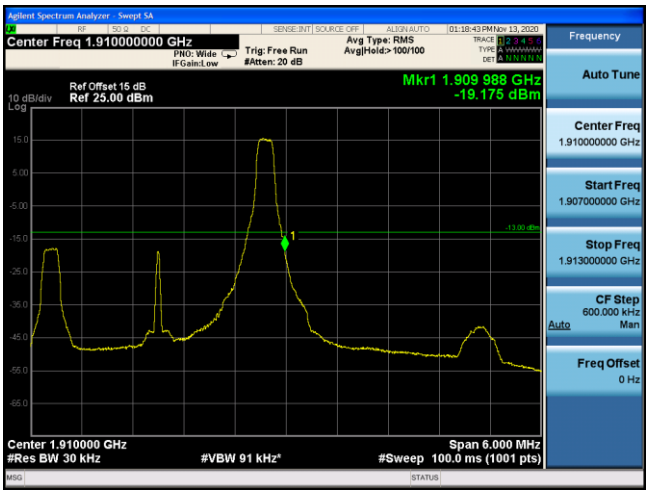
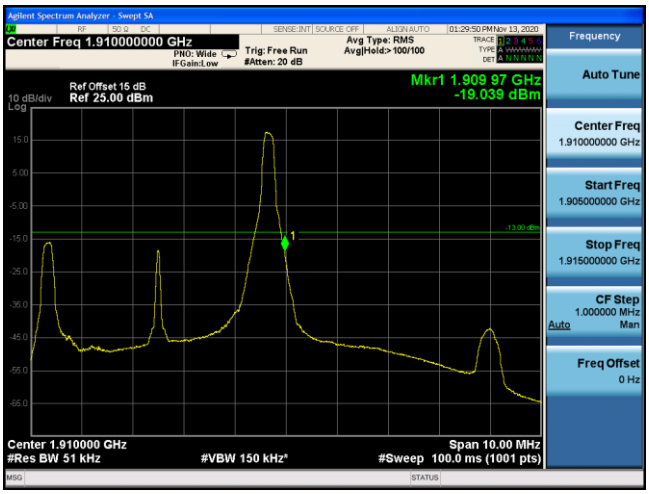
Test Mode	Modulation	Channel / Frequency (MHz)	Bandwidth (MHz)	RB Size	RB Offset	Test Result
LTE Band 2 (High Channel)	QPSK	CH19193 / 1909.3MHz	1.4	1	5	Pass
				6	0	Pass
		CH19185 / 1908.5MHz	3	1	14	Pass
				15	0	Pass
		CH19175 / 1907.5MHz	5	1	24	Pass
				25	0	Pass
		CH19150 / 1905MHz	10	1	49	Pass
				50	0	Pass
		CH19125 / 1902.5MHz	15	1	74	Pass
				75	0	Pass
		CH19100 / 1900MHz	20	1	99	Pass
				100	0	Pass
	16QAM	CH19193 / 1909.3MHz	1.4	1	5	Pass
				6	0	Pass
		CH19185 / 1908.5MHz	3	1	14	Pass
				15	0	Pass
		CH19175 / 1907.5MHz	5	1	24	Pass
				25	0	Pass
		CH19150 / 1905MHz	10	1	49	Pass
				50	0	Pass
		CH19125 / 1902.5MHz	15	1	74	Pass
				75	0	Pass
		CH19100 / 1900MHz	20	1	99	Pass
				100	0	Pass

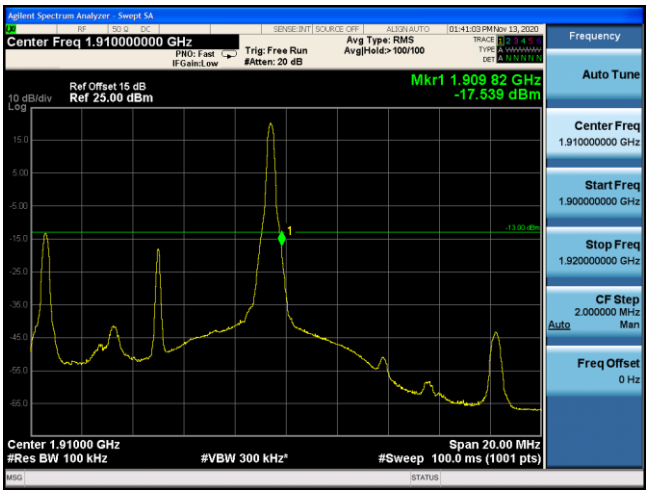
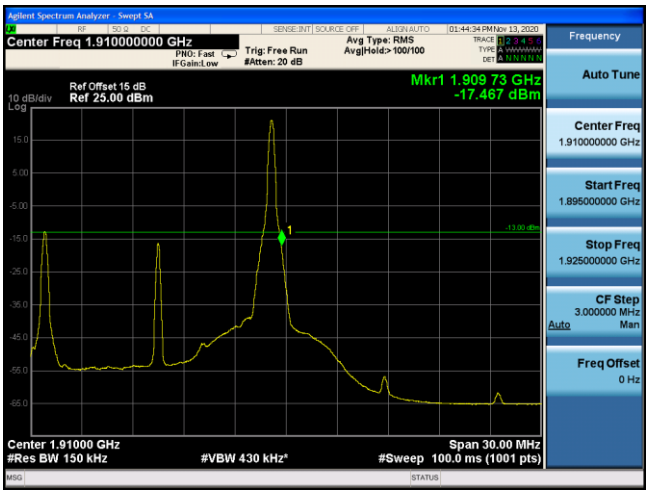
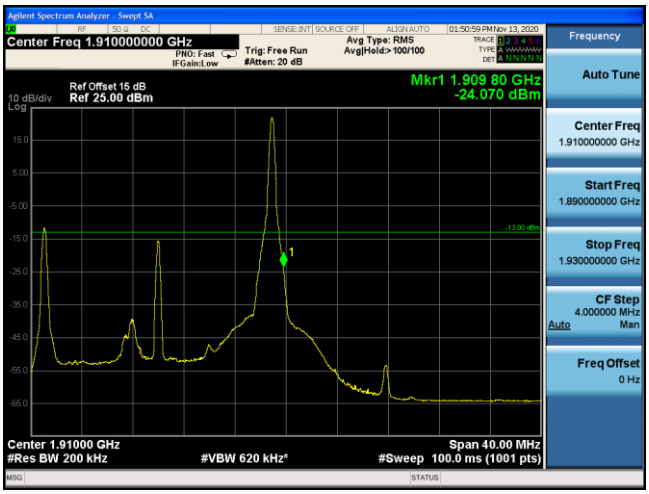
LTE Band 2 QPSK 1.4MHz CH18607 1RB#0	LTE Band 2 QPSK 1.4MHz CH18607 6RB#0
	
LTE Band 2 QPSK 3MHz CH18615 1RB#0	**LTE Band 2 QPSK 3MHz CH18615 15RB#0**
	
LTE Band 2 QPSK 5MHz CH18625 1RB#0	**LTE Band 2 QPSK 5MHz CH18625 25RB#0**
	

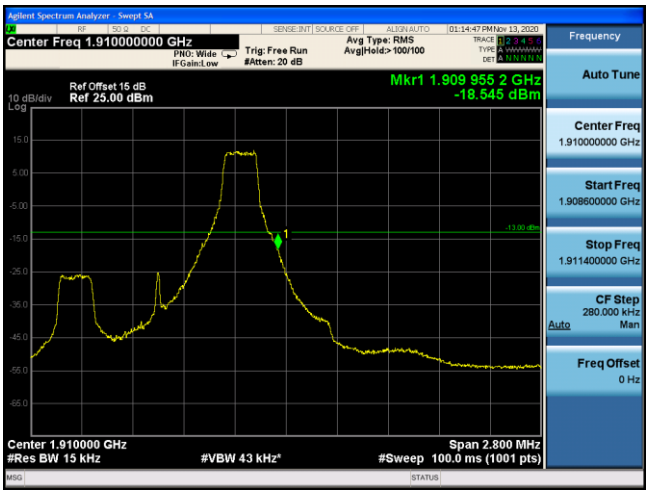
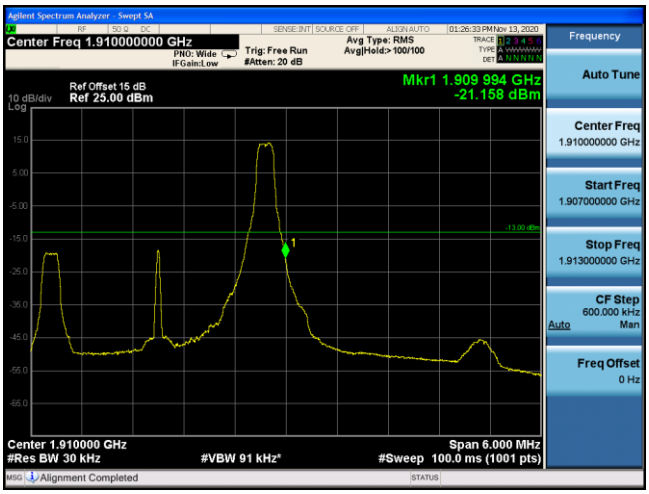
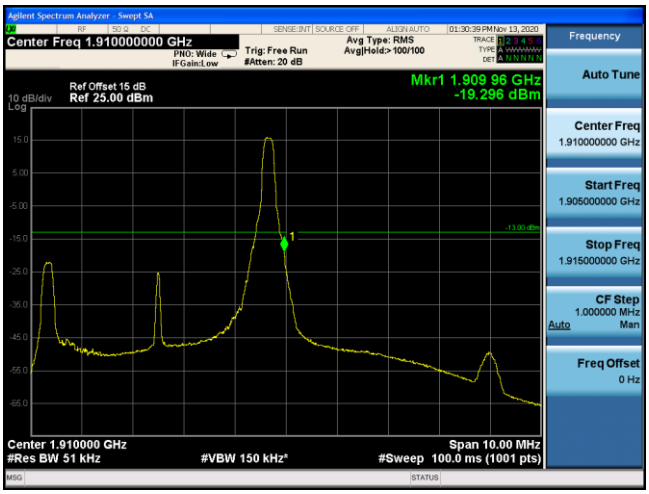
LTE Band 2 QPSK 10MHz CH18650 1RB#0	LTE Band 2 QPSK 10MHz CH18650 50RB#0
	
LTE Band 2 QPSK 15MHz CH18675 1RB#0	**LTE Band 2 QPSK 15MHz CH18675 75RB#0**
	
LTE Band 2 QPSK 20MHz CH18700 1RB#0	**LTE Band 2 QPSK 20MHz CH18700 100RB#0**
	

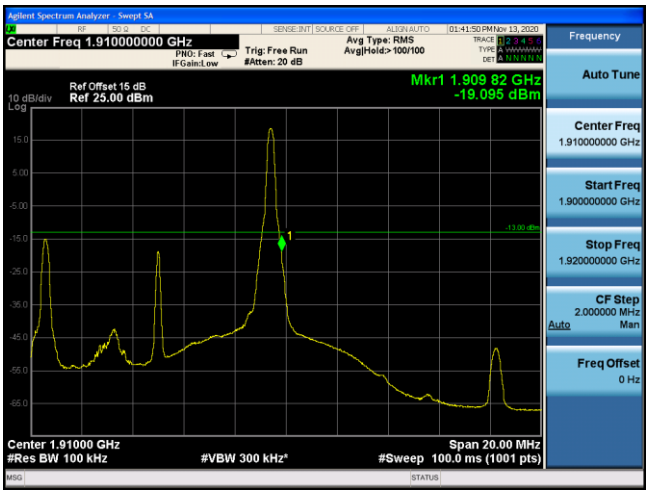
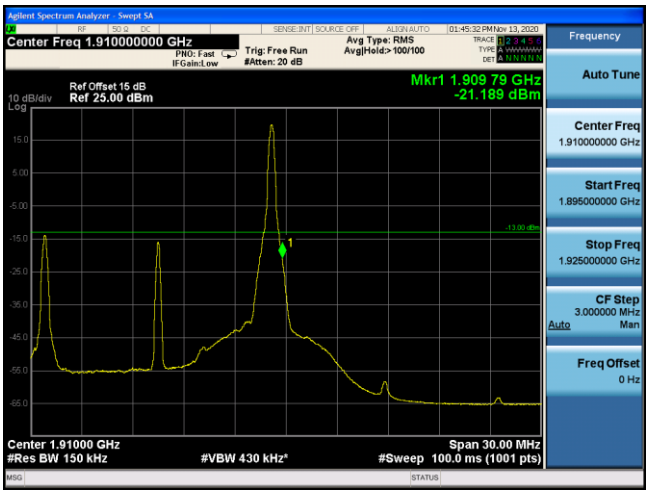
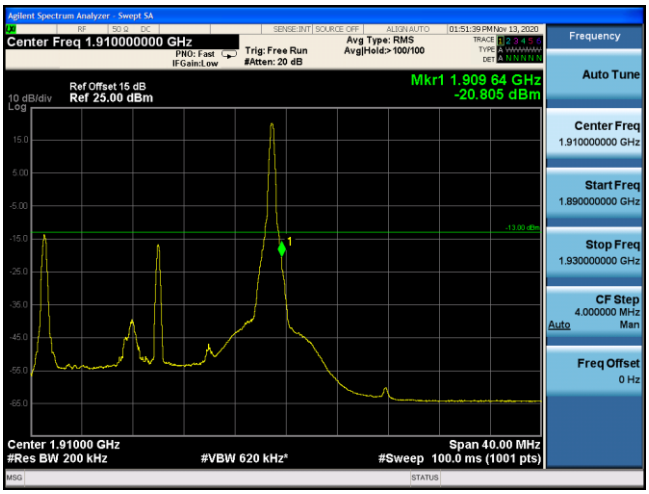
LTE Band 2 16QAM 1.4MHz CH18607 1RB#0	LTE Band 2 16QAM 1.4MHz CH18607 6RB#0
	
LTE Band 2 16QAM 3MHz CH18615 1RB#0	**LTE Band 2 16QAM 3MHz CH18615 15RB#0**
	
LTE Band 2 16QAM 5MHz CH18625 1RB#0	**LTE Band 2 16QAM 5MHz CH18625 25RB#0**
	

LTE Band 2 16QAM 10MHz CH18650 1RB#0	LTE Band 2 16QAM 10MHz CH18650 50RB#0
	
LTE Band 2 16QAM 15MHz CH18675 1RB#0	**LTE Band 2 16QAM 15MHz CH18675 75RB#0**
	
LTE Band 2 16QAM 20MHz CH18700 1RB#0	**LTE Band 2 16QAM 20MHz CH18700 100RB#0**
	

LTE Band 2 QPSK 1.4MHz CH19193 1RB#5	LTE Band 2 QPSK 1.4MHz CH19193 6RB#0
	
LTE Band 2 QPSK 3MHz CH19185 1RB#14	**LTE Band 2 QPSK 3MHz CH19185 15RB#0**
	
LTE Band 2 QPSK 5MHz CH19175 1RB#24	**LTE Band 2 QPSK 5MHz CH19175 25RB#0**
	

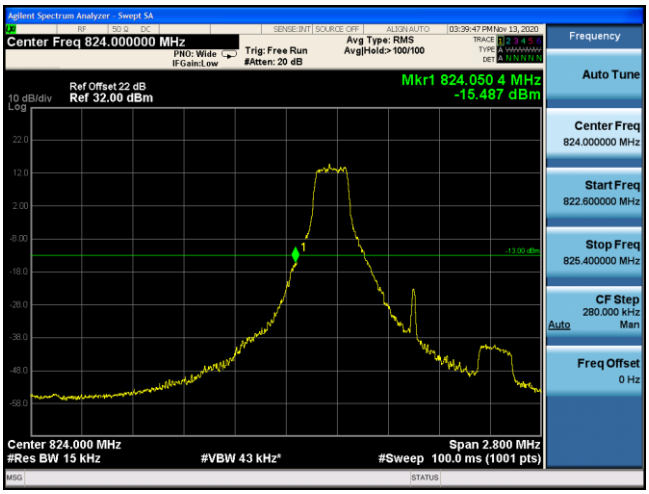
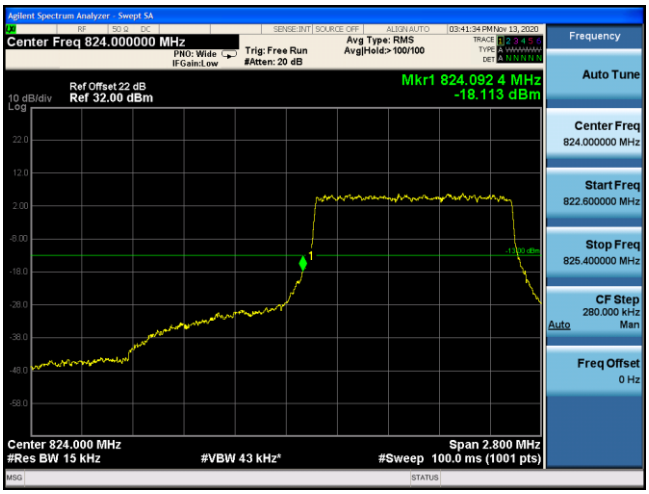
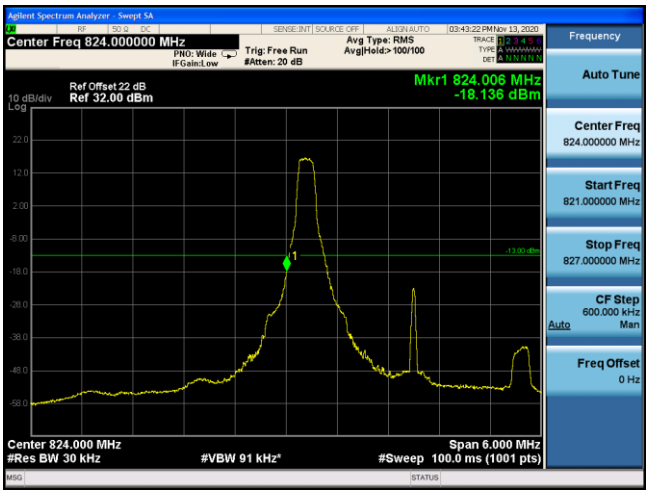
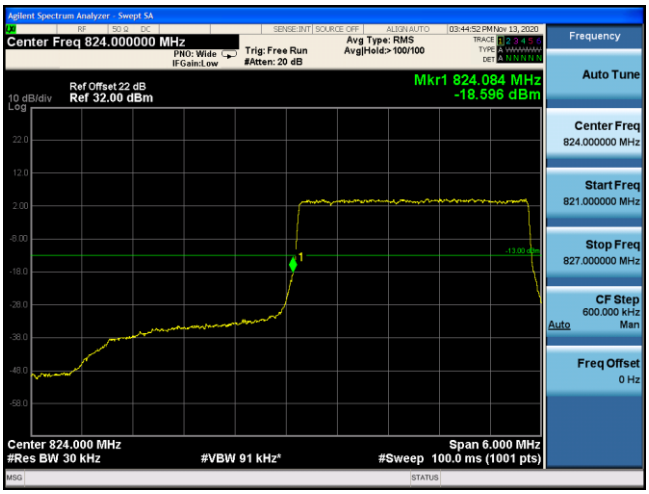
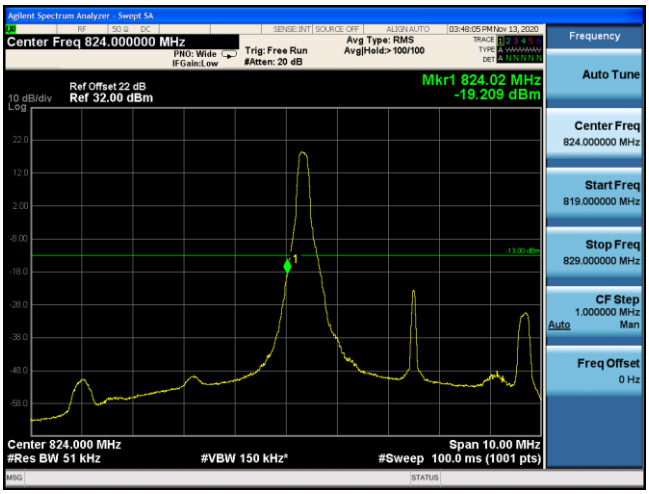
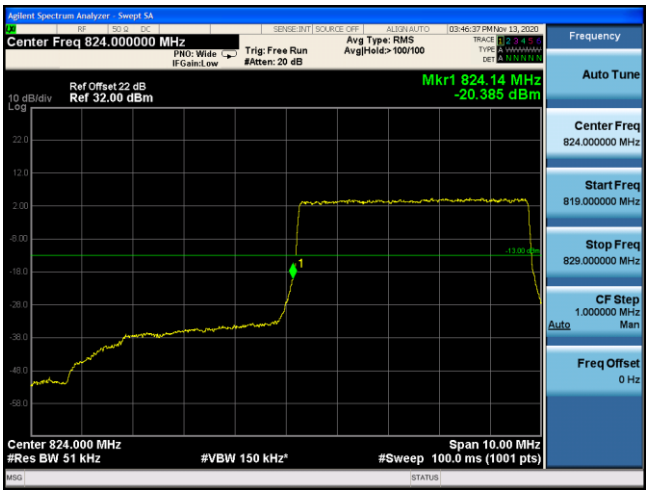
LTE Band 2 QPSK 10MHz CH19150 1RB#49	LTE Band 2 QPSK 10MHz CH19150 50RB#0
	
LTE Band 2 QPSK 15MHz CH19125 1RB#74	**LTE Band 2 QPSK 15MHz CH19125 75RB#0**
	
LTE Band 2 QPSK 20MHz CH19100 1RB#99	**LTE Band 2 QPSK 20MHz CH19100 100RB#0**
	

LTE Band 2 16QAM 1.4MHz CH19193 1RB#5	LTE Band 2 16QAM 1.4MHz CH19193 6RB#0
	
LTE Band 2 16QAM 3MHz CH19185 1RB#14	**LTE Band 2 16QAM 3MHz CH19185 15RB#0**
	
LTE Band 2 16QAM 5MHz CH19175 1RB#24	**LTE Band 2 16QAM 5MHz CH19175 25RB#0**
	

LTE Band 2 16QAM 10MHz CH19150 1RB#49	LTE Band 2 16QAM 10MHz CH19150 50RB#0
	
LTE Band 2 16QAM 15MHz CH19125 1RB#74	**LTE Band 2 16QAM 15MHz CH19125 75RB#0**
	
LTE Band 2 16QAM 20MHz CH19100 1RB#99	**LTE Band 2 16QAM 20MHz CH19100 100RB#0**
	

Test Mode	Modulation	Channel / Frequency (MHz)	Bandwidth (MHz)	RB Size	RB Offset	Test Result
LTE Band 5 (Low Channel)	QPSK	CH20407 / 824.7MHz	1.4	1	0	Pass
				6	0	Pass
		CH20415 / 825.5MHz	3	1	0	Pass
				15	0	Pass
		CH20425 / 826.5MHz	5	1	0	Pass
				25	0	Pass
		CH20450 / 829MHz	10	1	0	Pass
				50	0	Pass
	16QAM	CH20407 / 824.7MHz	1.4	1	0	Pass
				6	0	Pass
		CH20415 / 825.5MHz	3	1	0	Pass
				15	0	Pass
		CH20425 / 826.5MHz	5	1	0	Pass
				25	0	Pass
		CH20450 / 829MHz	10	1	0	Pass
				50	0	Pass

Test Mode	Modulation	Channel / Frequency (MHz)	Bandwidth (MHz)	RB Size	RB Offset	Test Result
LTE Band 5 (High Channel)	QPSK	CH20643 / 848.3MHz	1.4	1	5	Pass
				6	0	Pass
		CH20635 / 847.5MHz	3	1	14	Pass
				15	0	Pass
		CH20625 / 846.5MHz	5	1	24	Pass
				25	0	Pass
		CH20600 / 844MHz	10	1	49	Pass
				50	0	Pass
	16QAM	CH20643 / 848.3MHz	1.4	1	5	Pass
				6	0	Pass
		CH20635 / 847.5MHz	3	1	14	Pass
				15	0	Pass
		CH20625 / 846.5MHz	5	1	24	Pass
				25	0	Pass
		CH20600 / 844MHz	10	1	49	Pass
				50	0	Pass

LTE Band 5 QPSK 1.4MHz CH20407 1RB#0	LTE Band 5 QPSK 1.4MHz CH20407 6RB#0
	
LTE Band 5 QPSK 3MHz CH20415 1RB#0	**LTE Band 5 QPSK 3MHz CH20415 15RB#0**
	
LTE Band 5 QPSK 5MHz CH20425 1RB#0	**LTE Band 5 QPSK 5MHz CH20425 25RB#0**
	

LTE Band 5 QPSK 10MHz CH20450 1RB#0	LTE Band 5 QPSK 10MHz CH20450 50RB#0