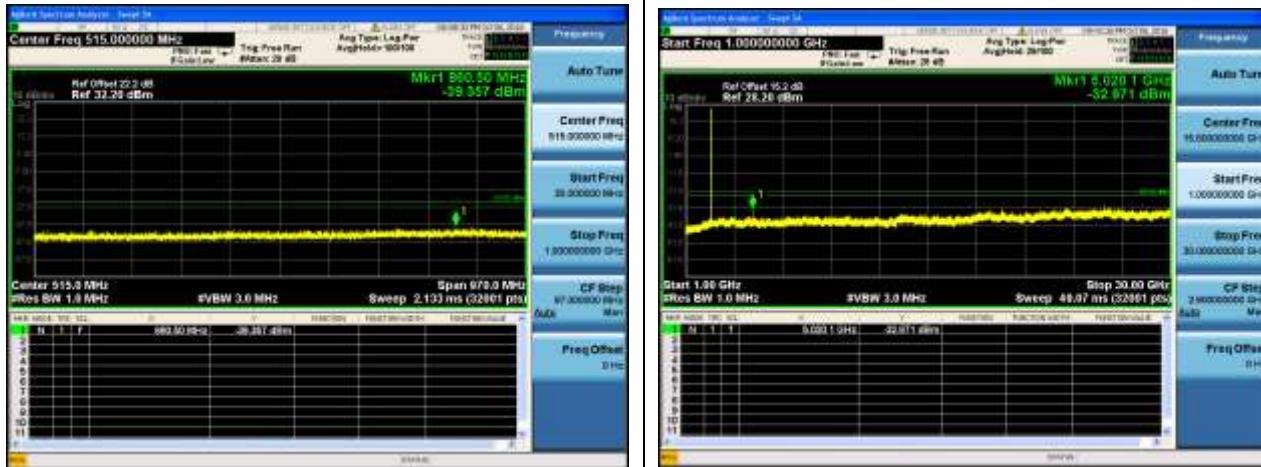
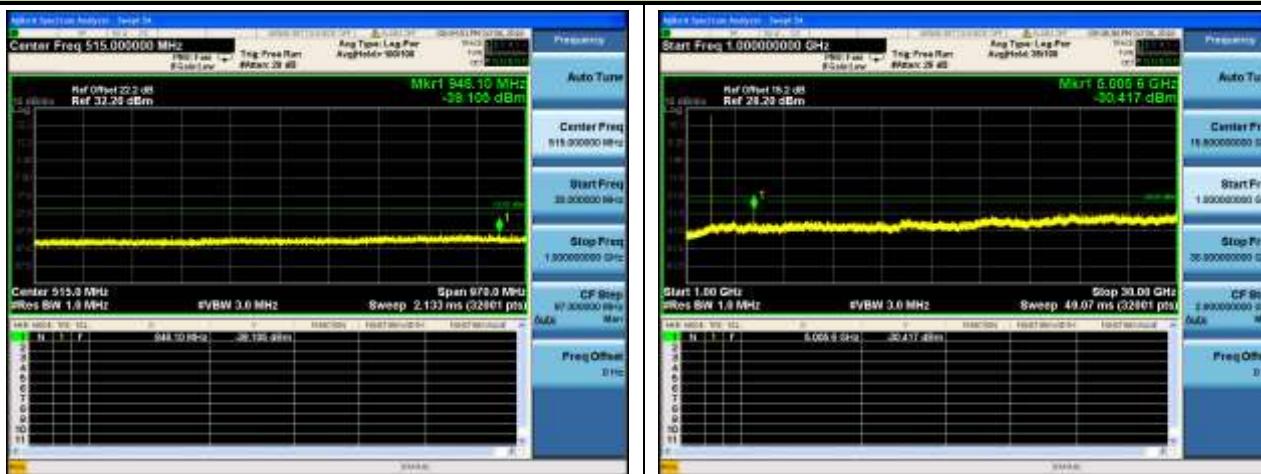
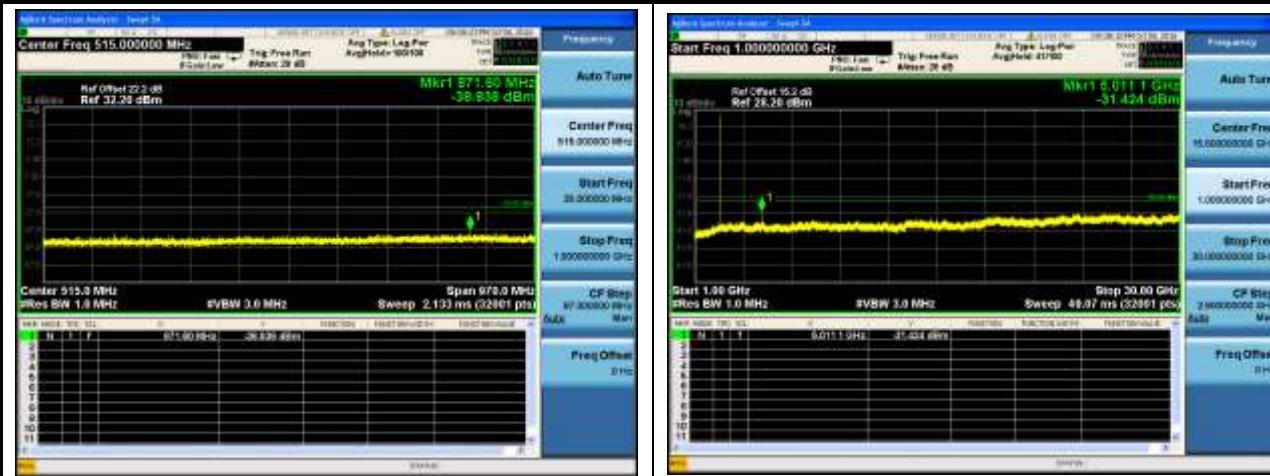
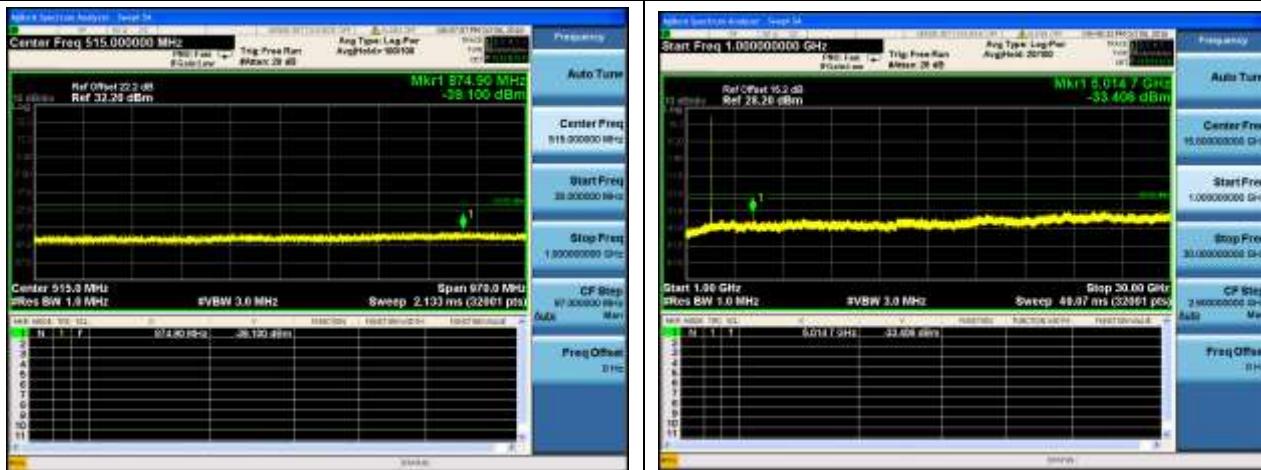
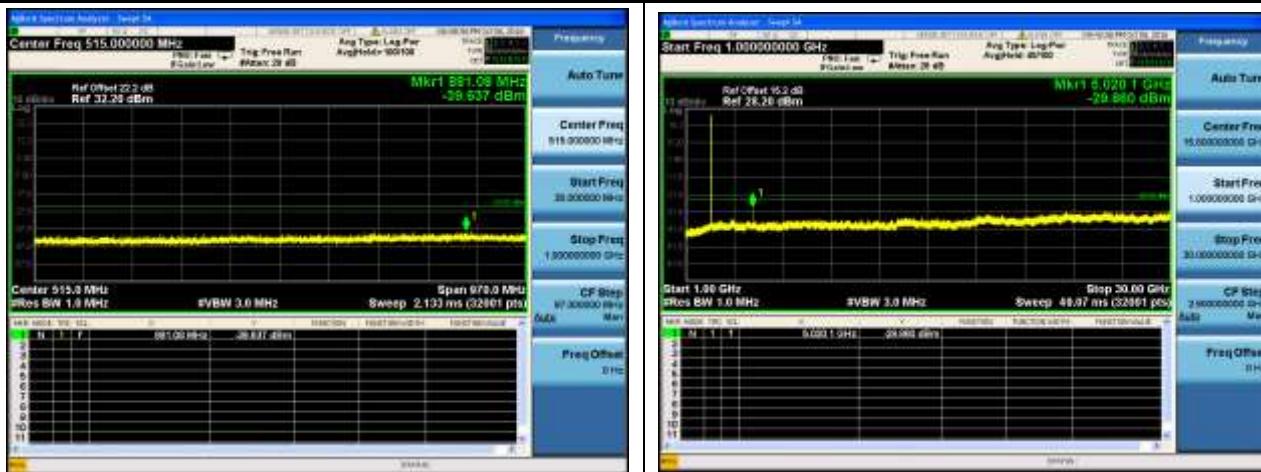


**LTE Band 7 (Low Channel) 20850 (2510MHz) QPSK Bandwidth 20MHz**

**LTE Band 7 (Low Channel) 20775 (2502.5MHz) 16QAM Bandwidth 5MHz**

**LTE Band 7 (Low Channel) 20800 (2505MHz) 16QAM Bandwidth 10MHz**


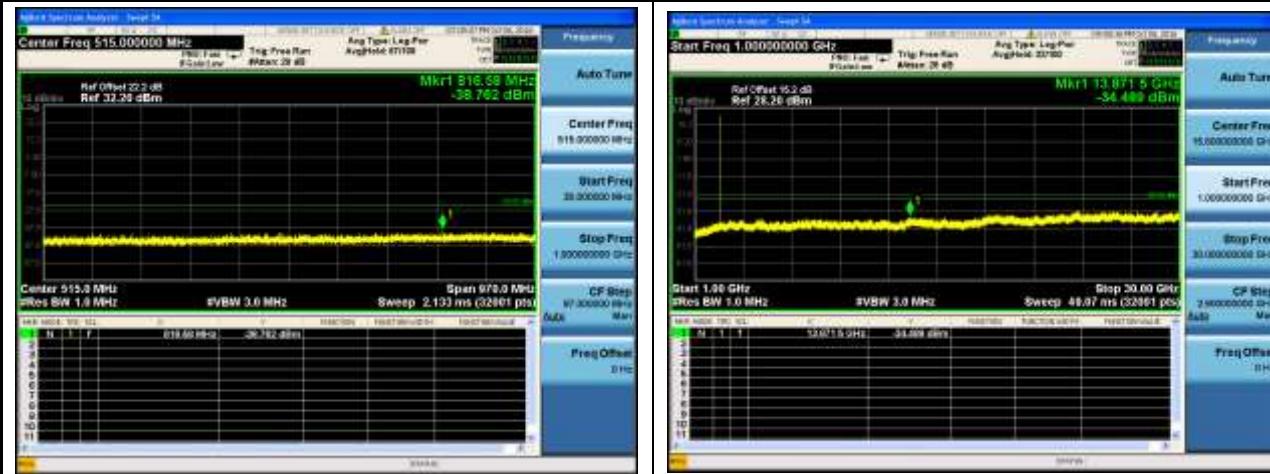
### LTE Band 7 (Low Channel) 20825 (2507.5MHz) 16QAM Bandwidth 15MHz



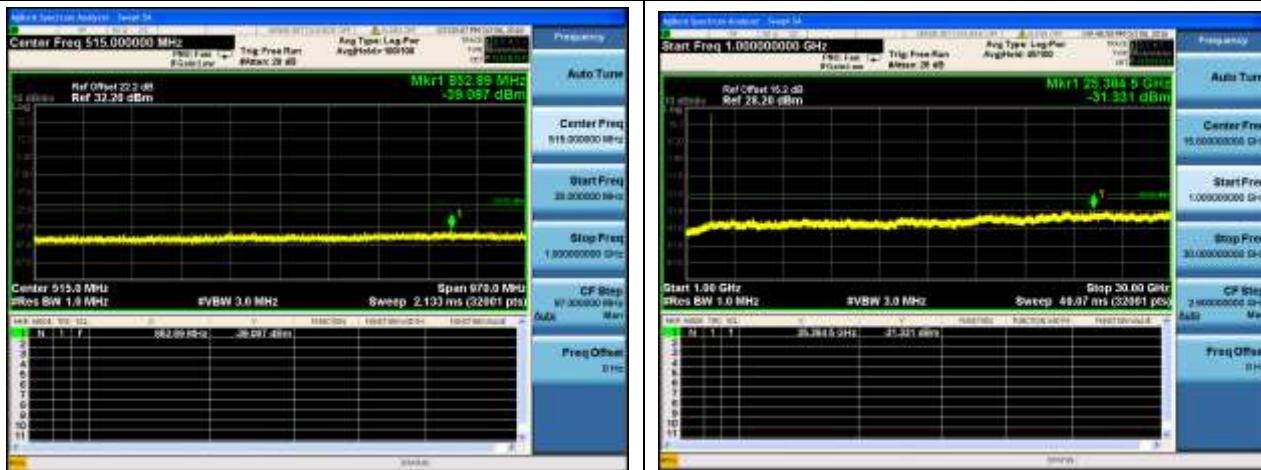
### LTE Band 7 (Low Channel) 20850 (2510MHz) 16QAM Bandwidth 20MHz



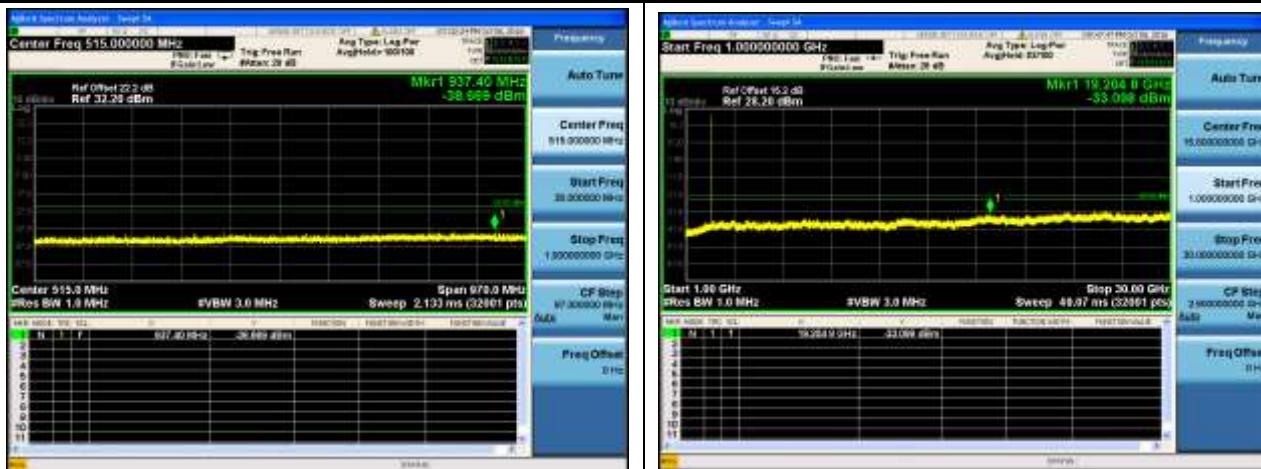
### LTE Band 7 (Mid Channel) 21100 (2535MHz) QPSK Bandwidth 5MHz



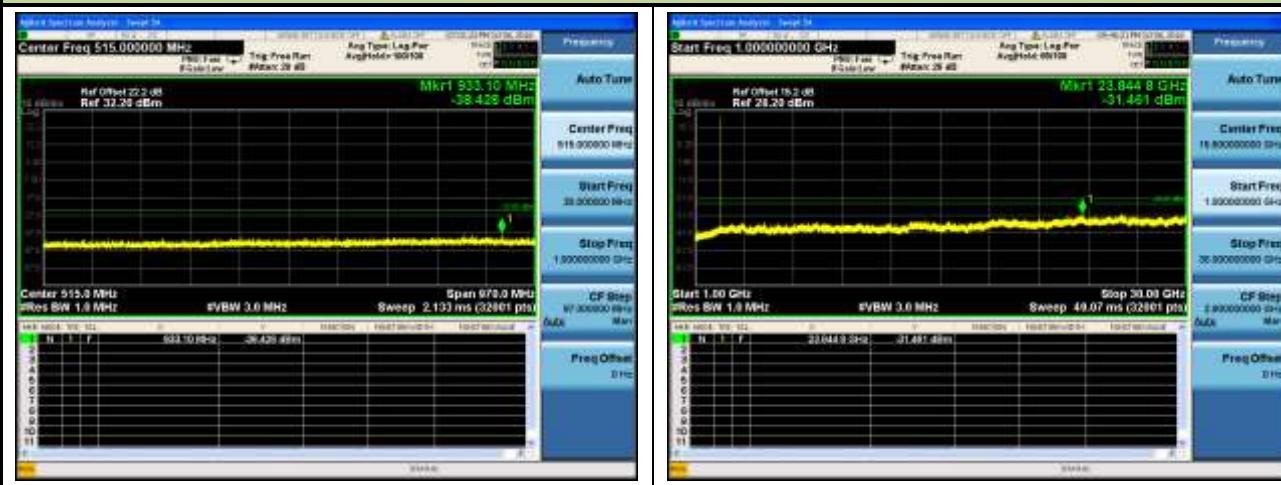
### LTE Band 7 (Mid Channel) 21100 (2535MHz) QPSK Bandwidth 10MHz

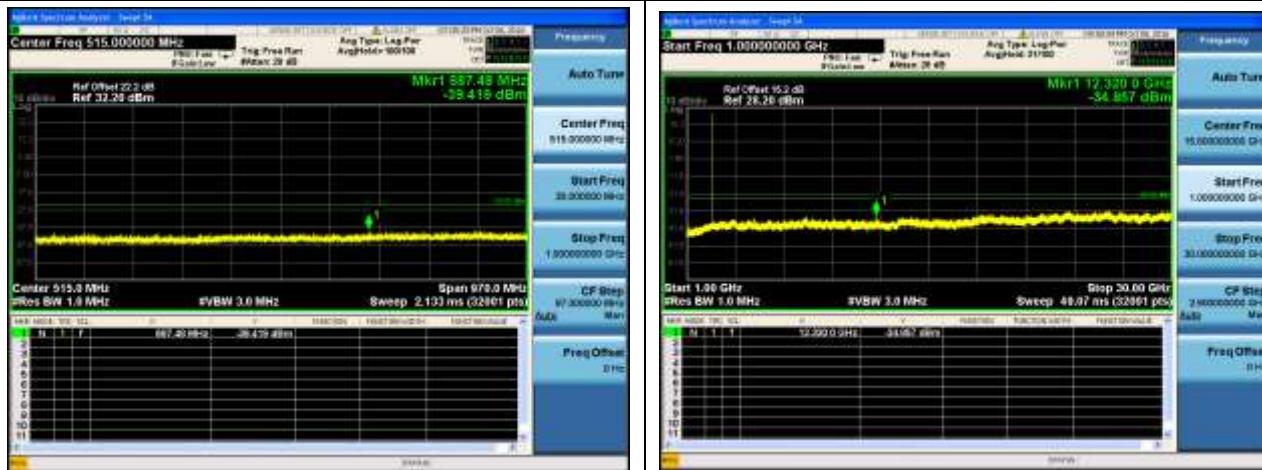
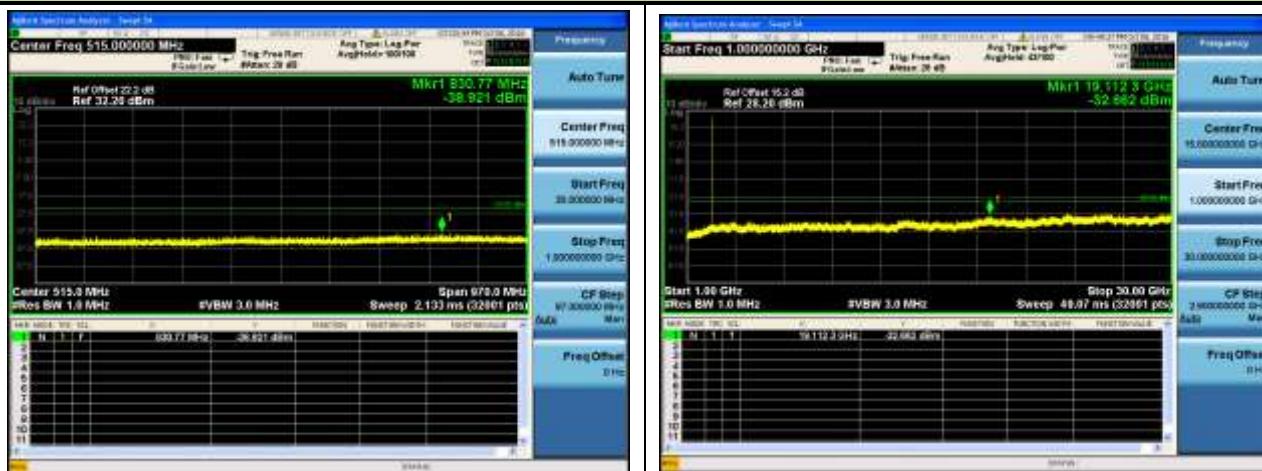
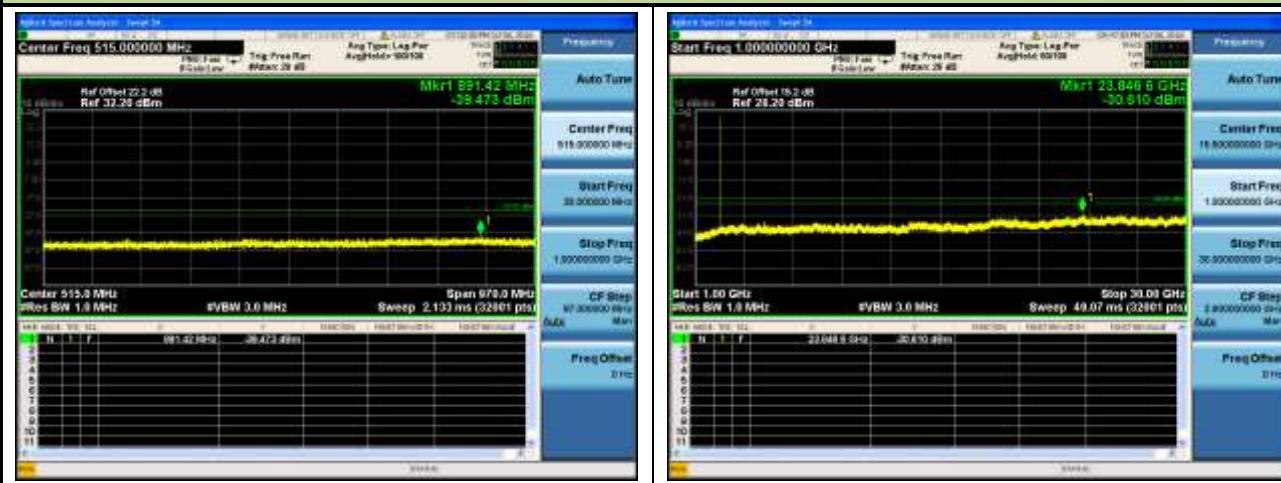


### LTE Band 7 (Mid Channel) 21100 (2535MHz) QPSK Bandwidth 15MHz

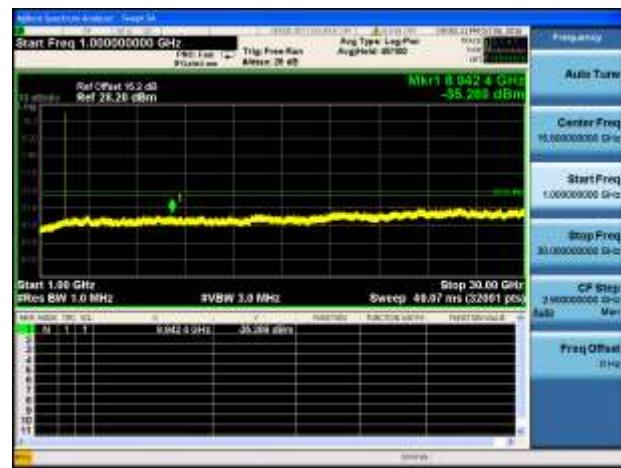
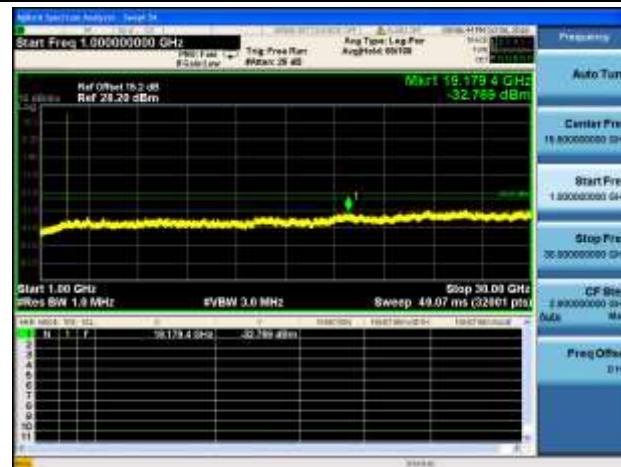


### LTE Band 7 (Mid Channel) 21100 (2535MHz) QPSK Bandwidth 20MHz

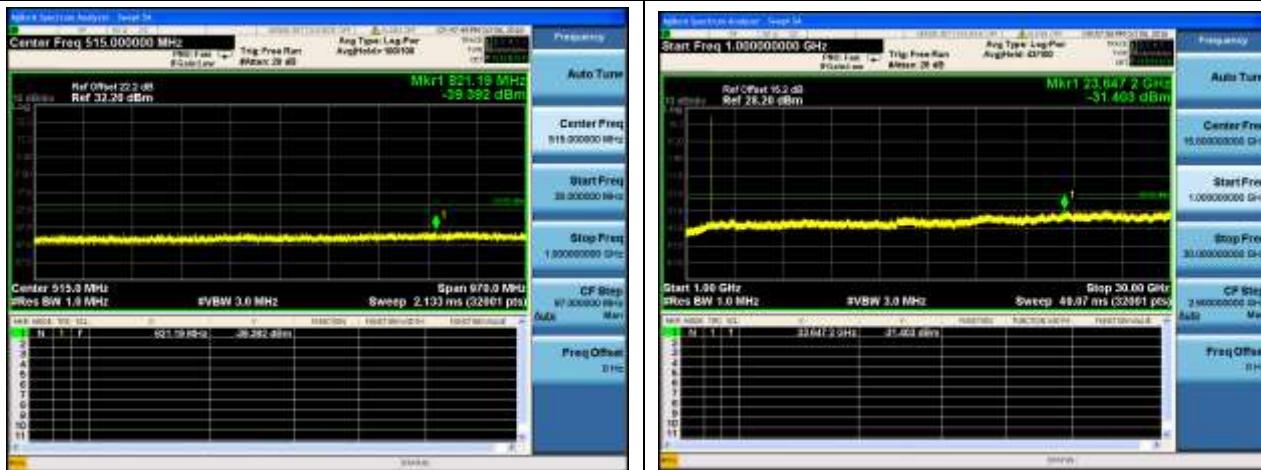


**LTE Band 7 (Mid Channel) 21100 (2535MHz) 16QAM Bandwidth 5MHz**

**LTE Band 7 (Mid Channel) 21100 (2535MHz) 16QAM Bandwidth 10MHz**

**LTE Band 7 (Mid Channel) 21100 (2535MHz) 16QAM Bandwidth 15MHz**


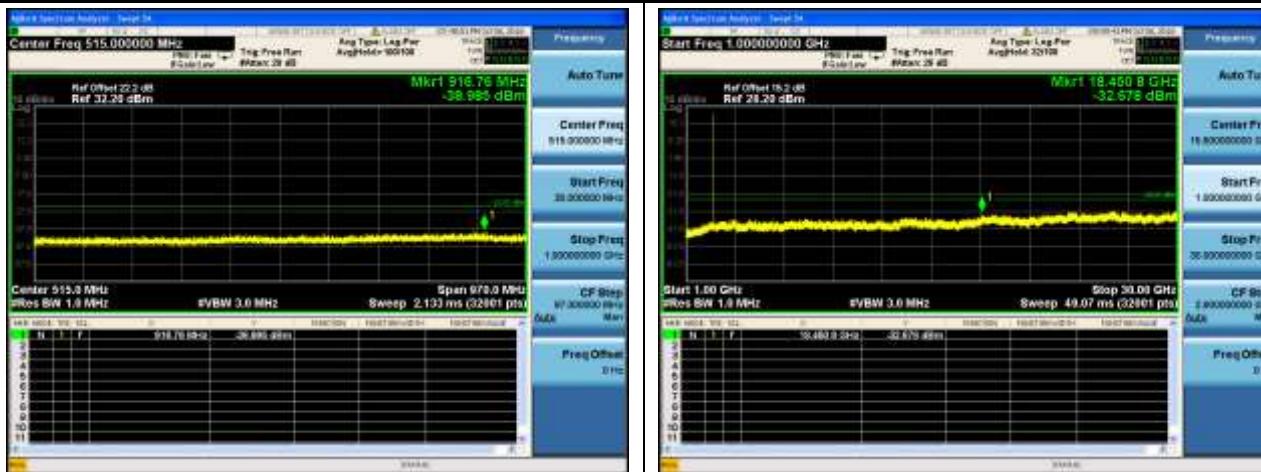
**LTE Band 7 (Mid Channel) 21100 (2535MHz) 16QAM Bandwidth 20MHz**

**LTE Band 7 (High Channel) 21425 (2567.5MHz) QPSK Bandwidth 5MHz**

**LTE Band 7 (High Channel) 21400 (2565MHz) QPSK Bandwidth 10MHz**


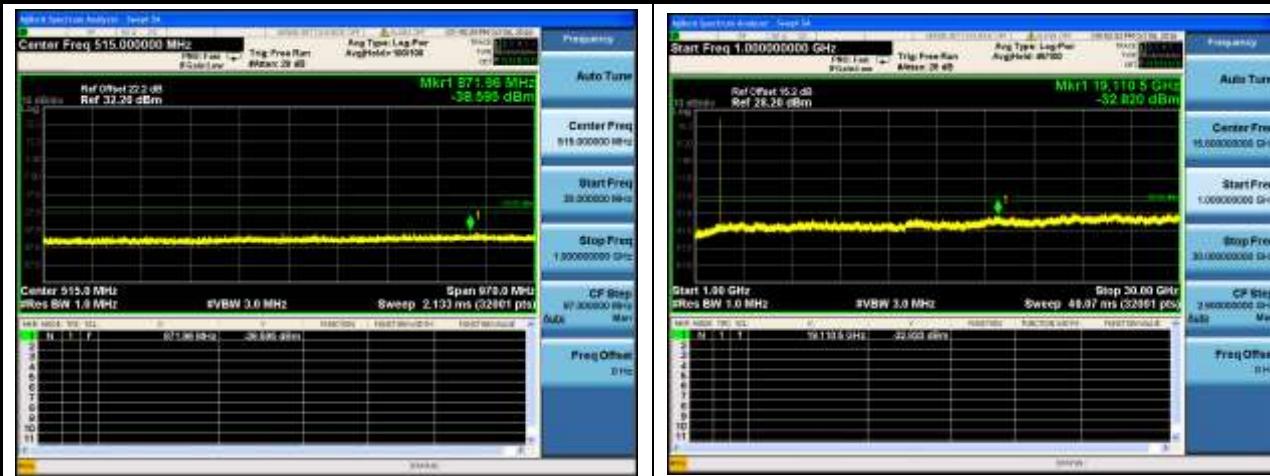
### LTE Band 7 (High Channel) 21375 (2562.5MHz) QPSK Bandwidth 15MHz



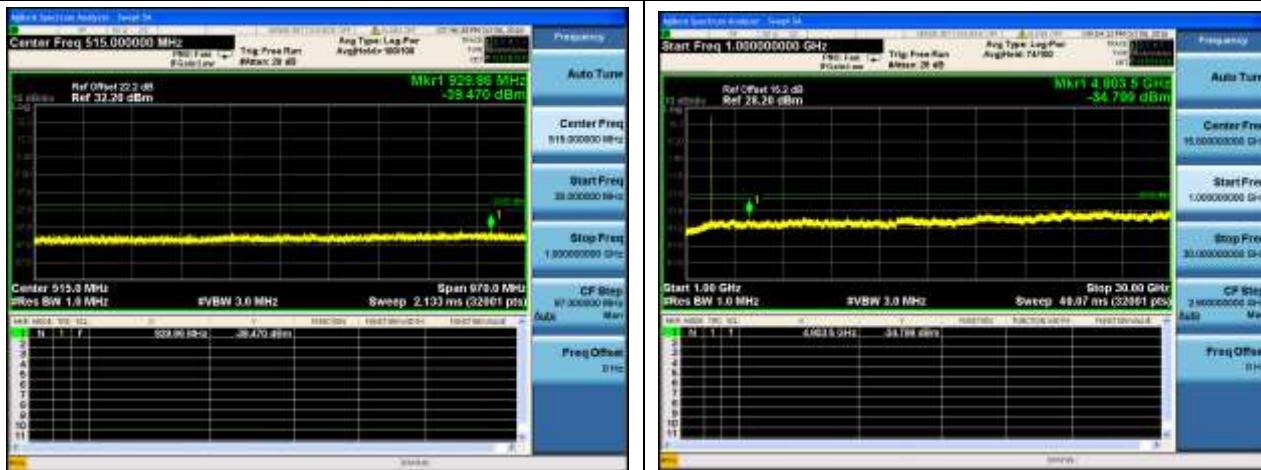
### LTE Band 7 (High Channel) 21350 (2560MHz) QPSK Bandwidth 20MHz



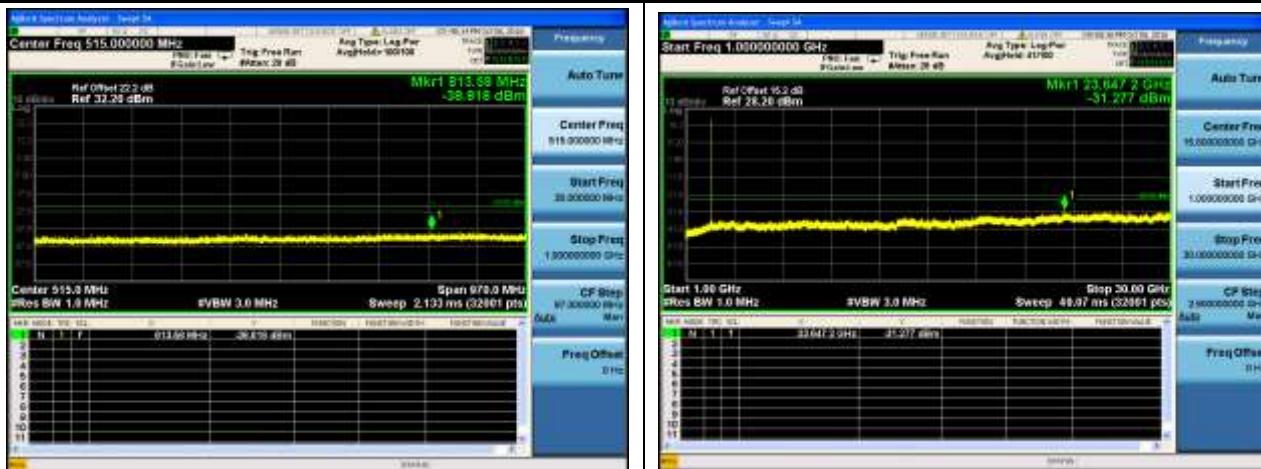
### LTE Band 7 (High Channel) 21425 (2567.5MHz) 16QAM Bandwidth 5MHz



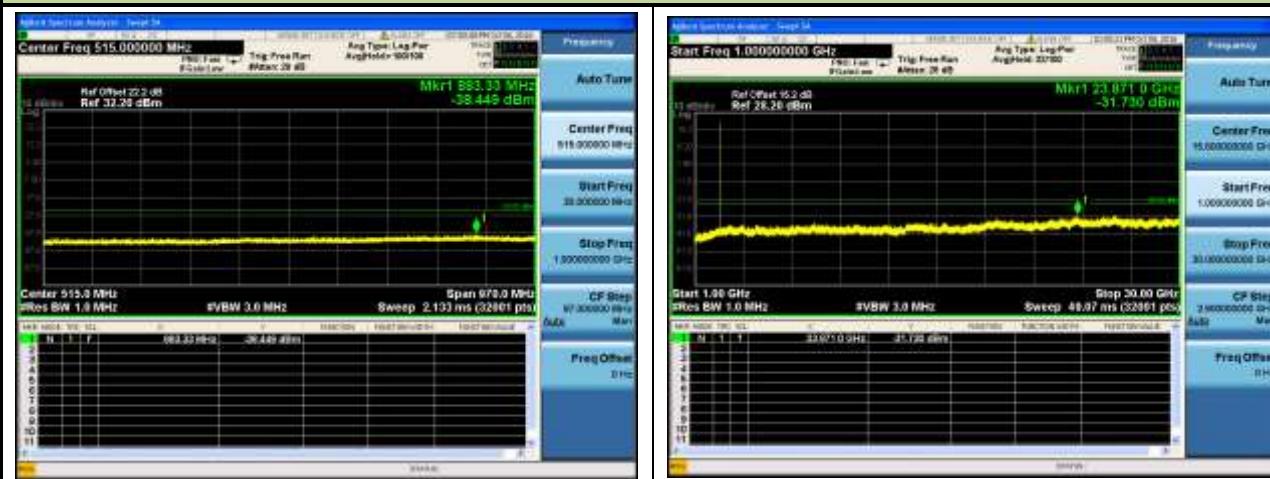
### LTE Band 7 (High Channel) 21400 (2565MHz) 16QAM Bandwidth 10MHz

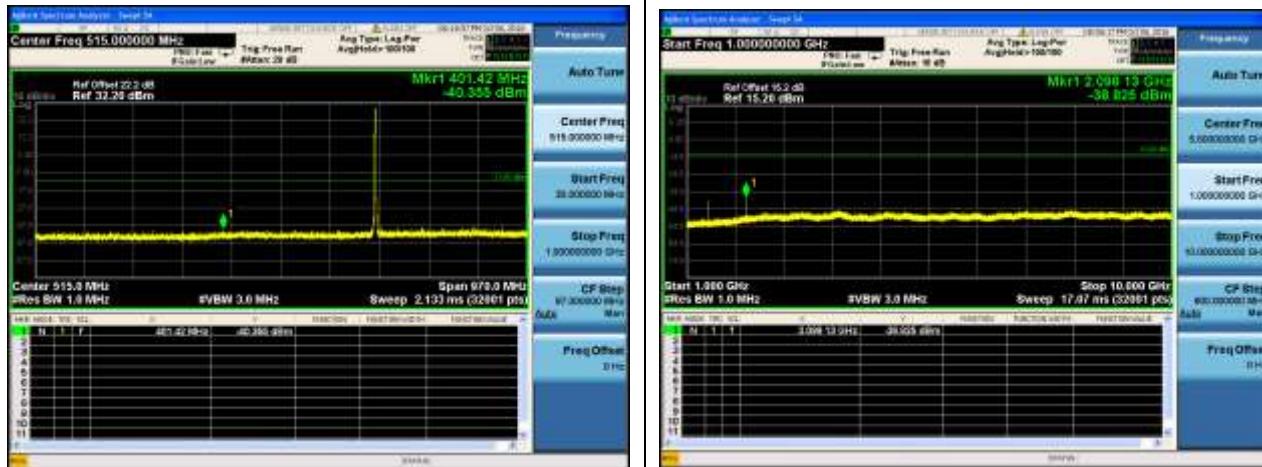
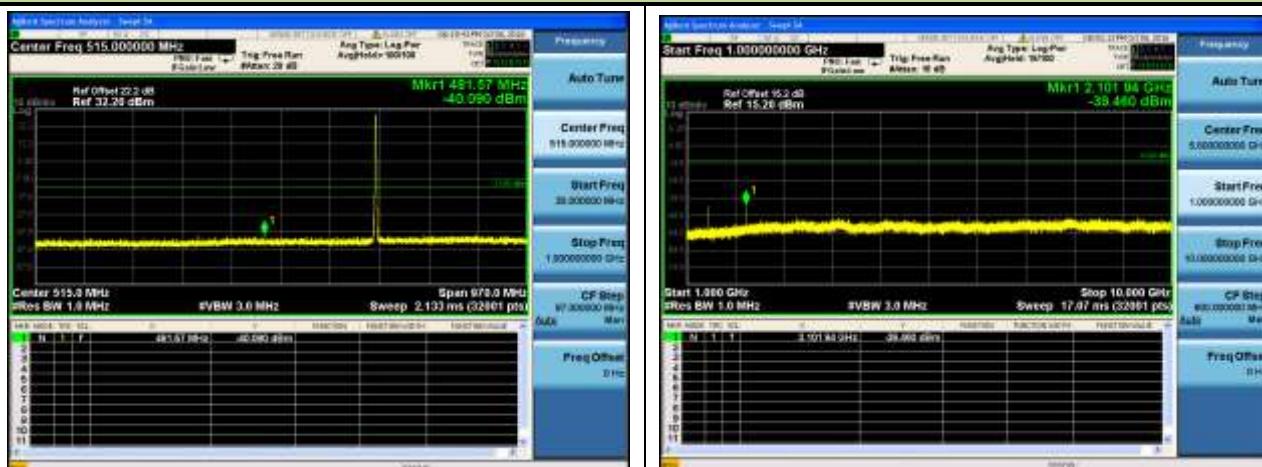
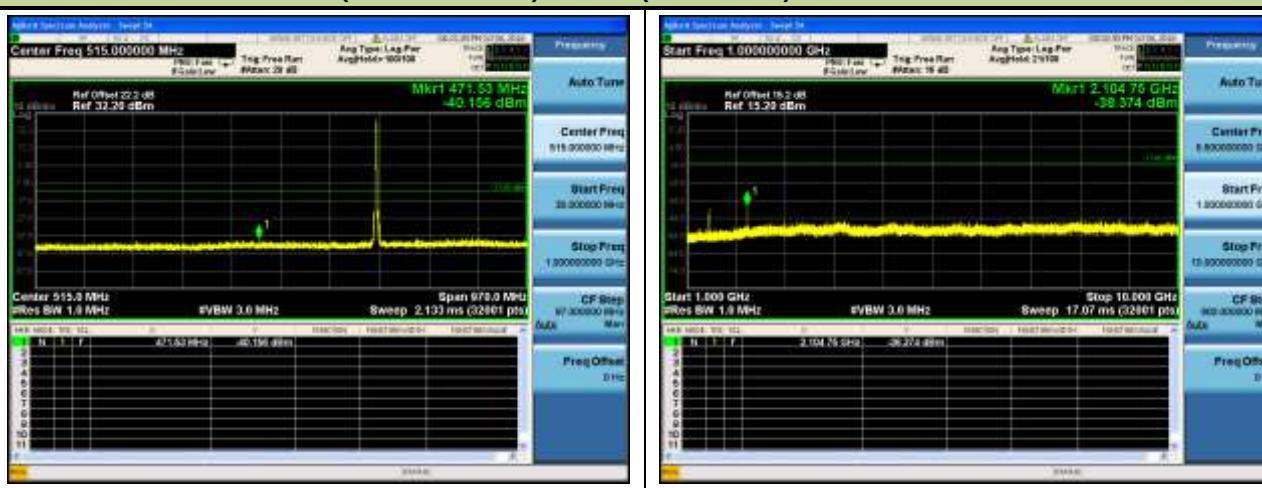


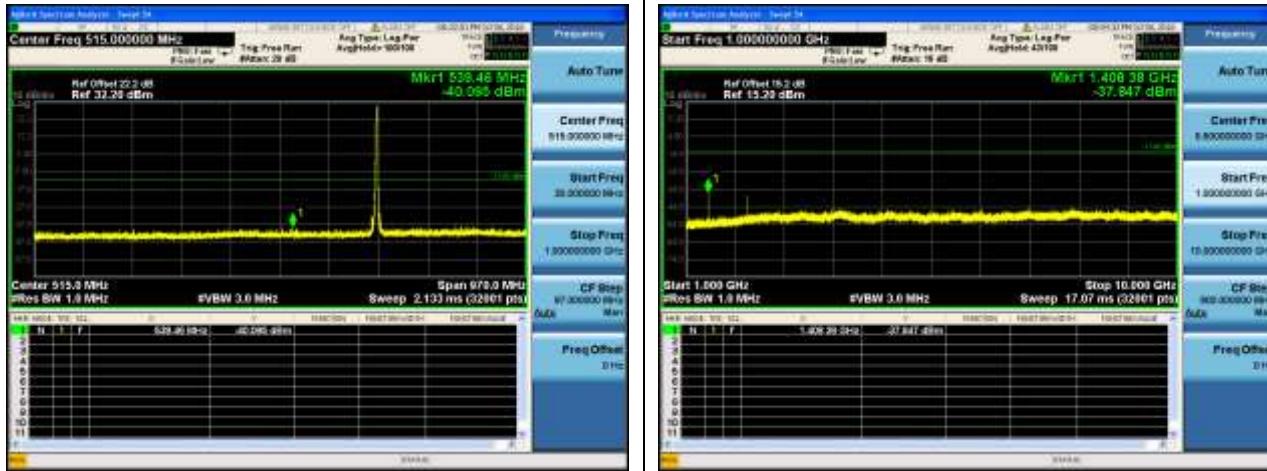
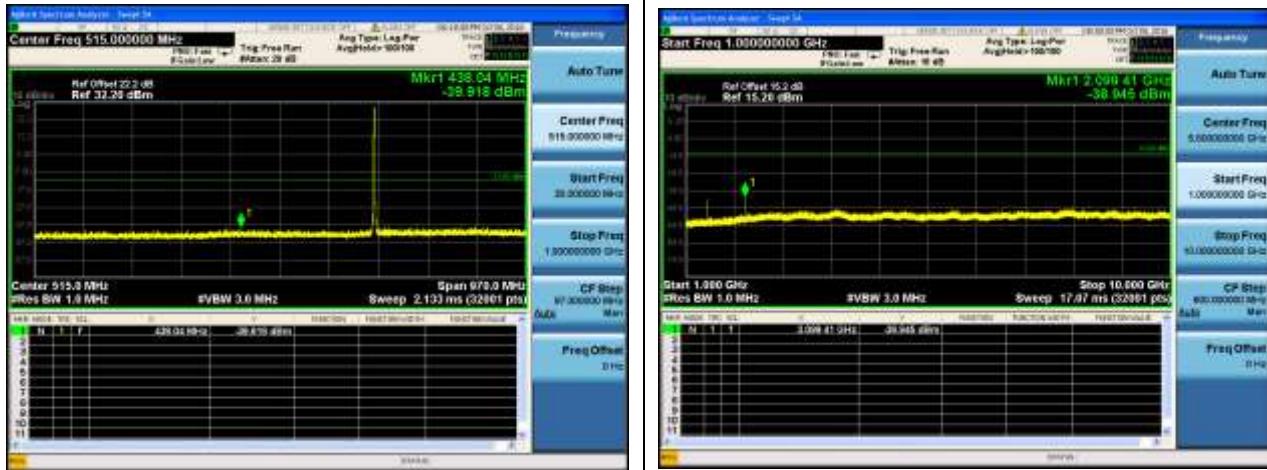
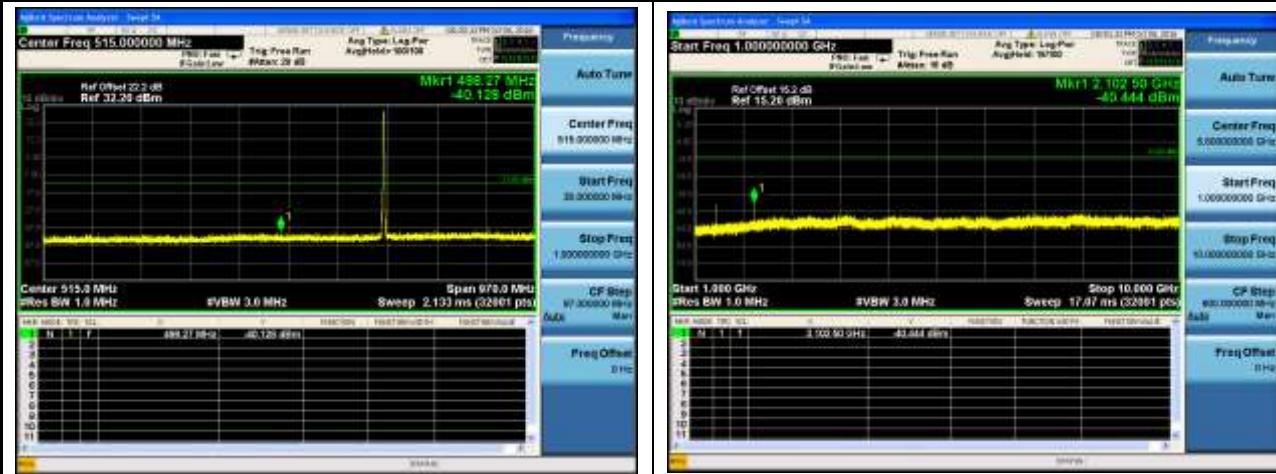
### LTE Band 7 (High Channel) 21375 (2562.5MHz) 16QAM Bandwidth 15MHz

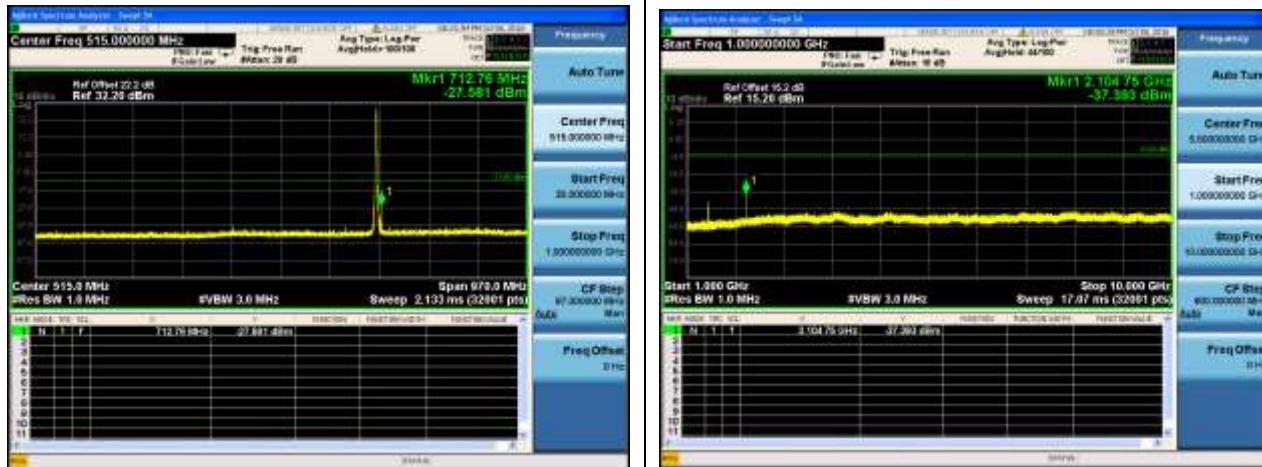
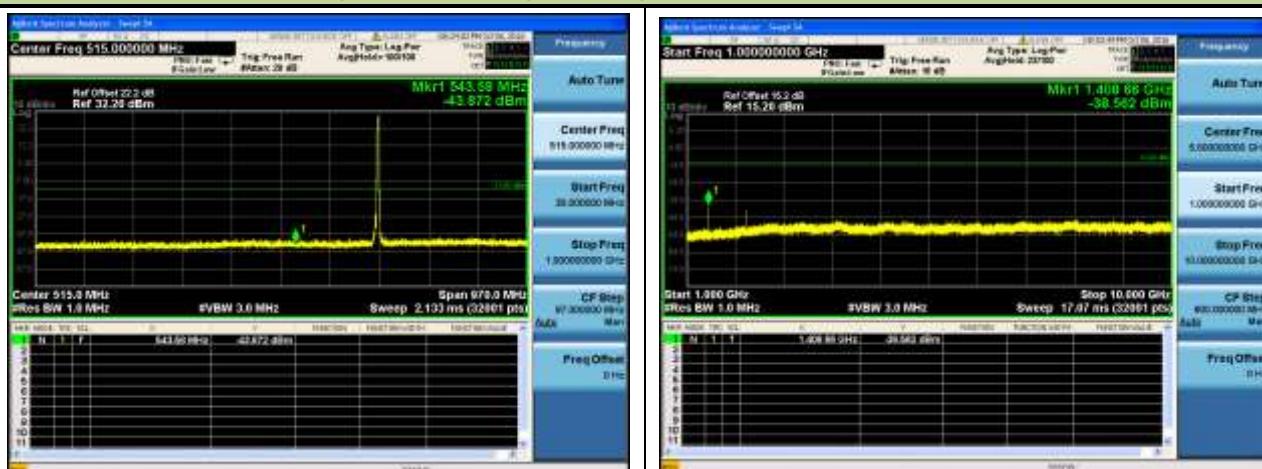
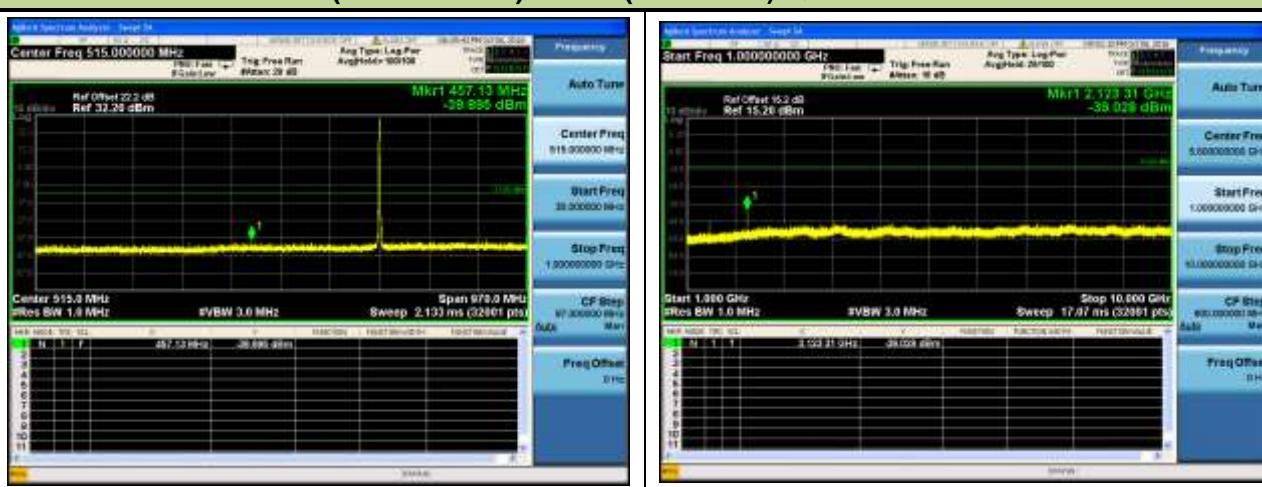


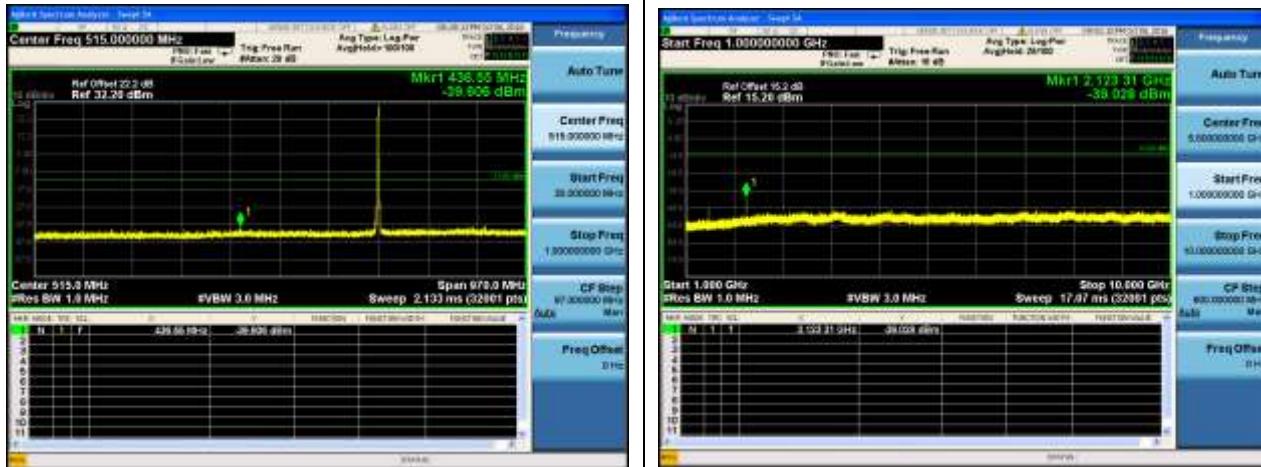
### LTE Band 7 (High Channel) 21350 (2560MHz) 16QAM Bandwidth 20MHz

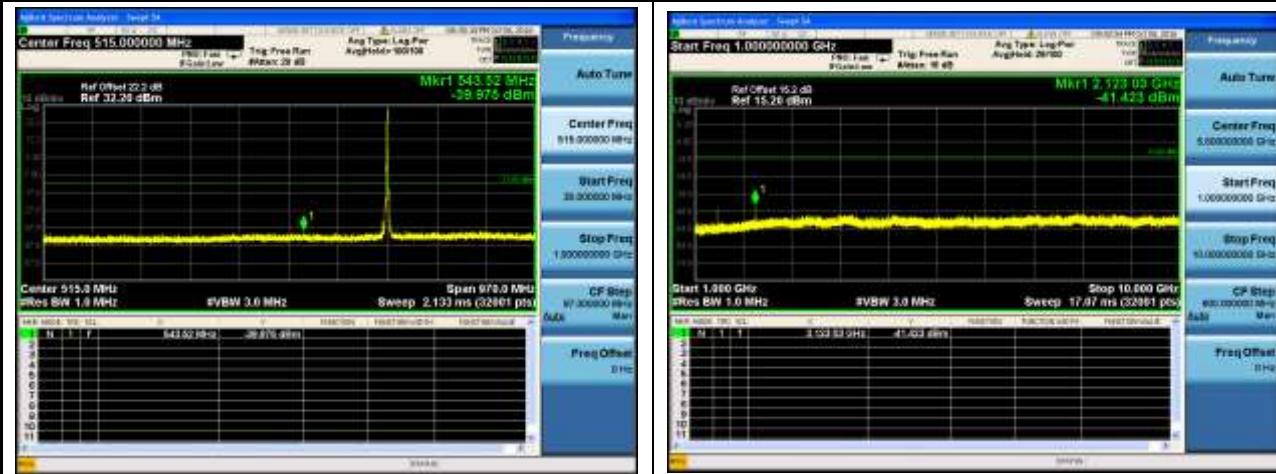


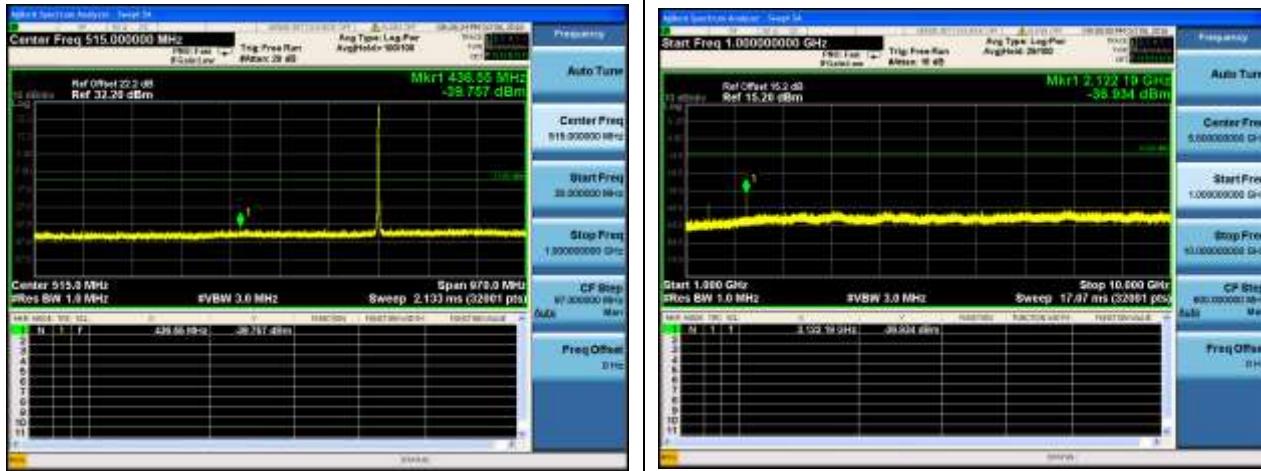
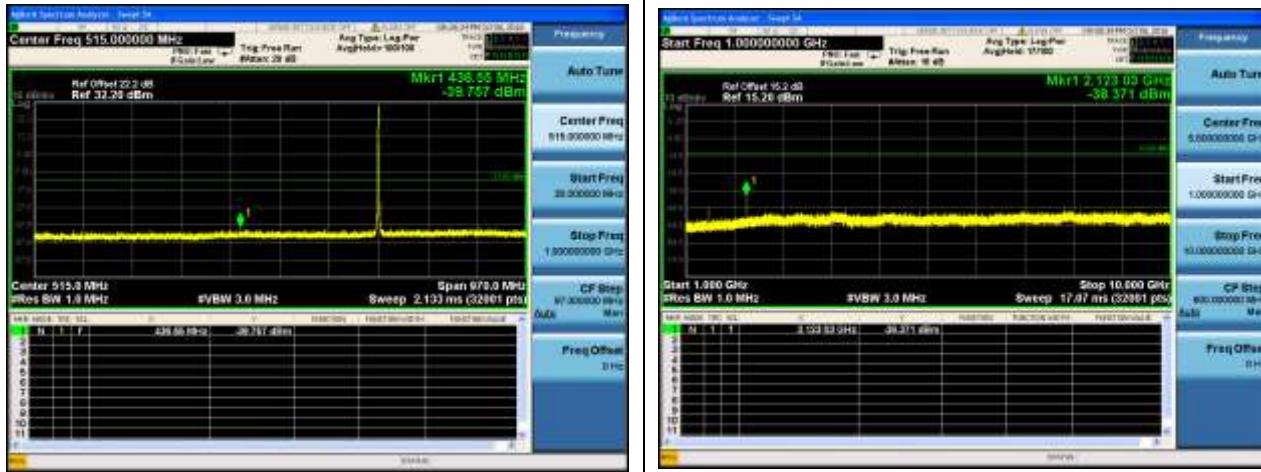
**LTE Band 12 (Low Channel) 23017 (699.7MHz) QPSK Bandwidth 1.4MHz**

**LTE Band 12 (Low Channel) 23025 (700.5MHz) QPSK Bandwidth 3MHz**

**LTE Band 12 (Low Channel) 23035 (701.5MHz) QPSK Bandwidth 5MHz**


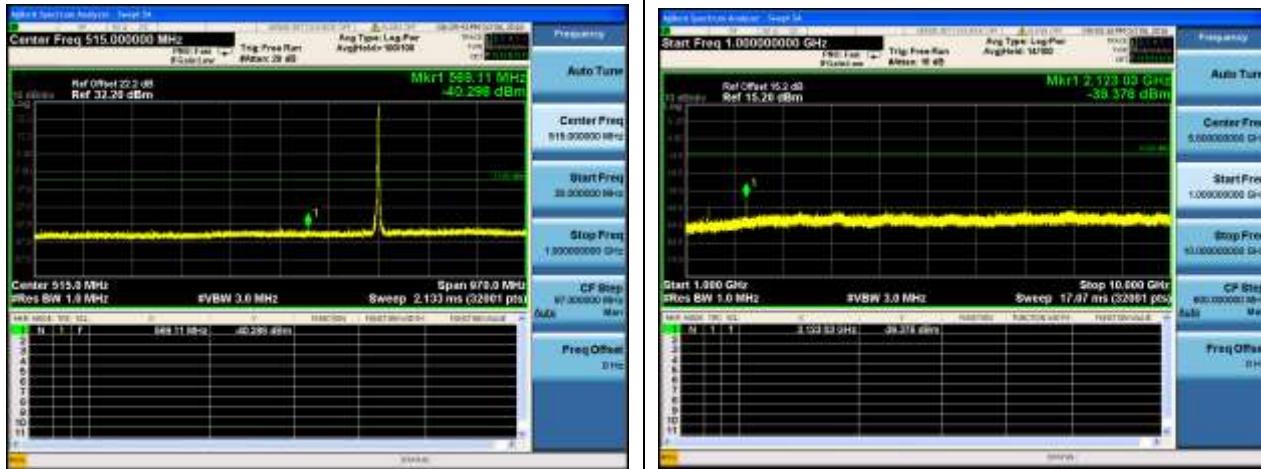
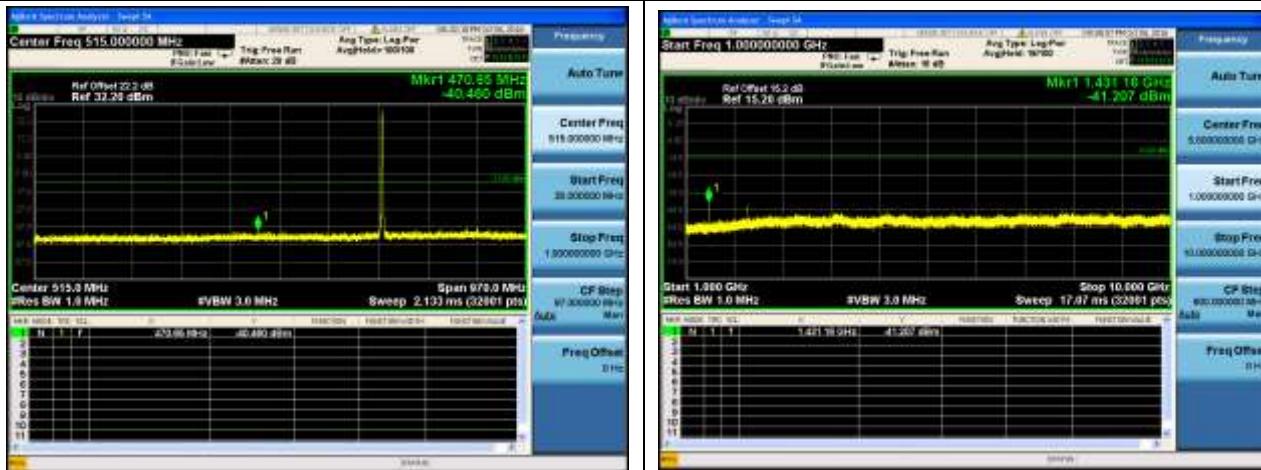
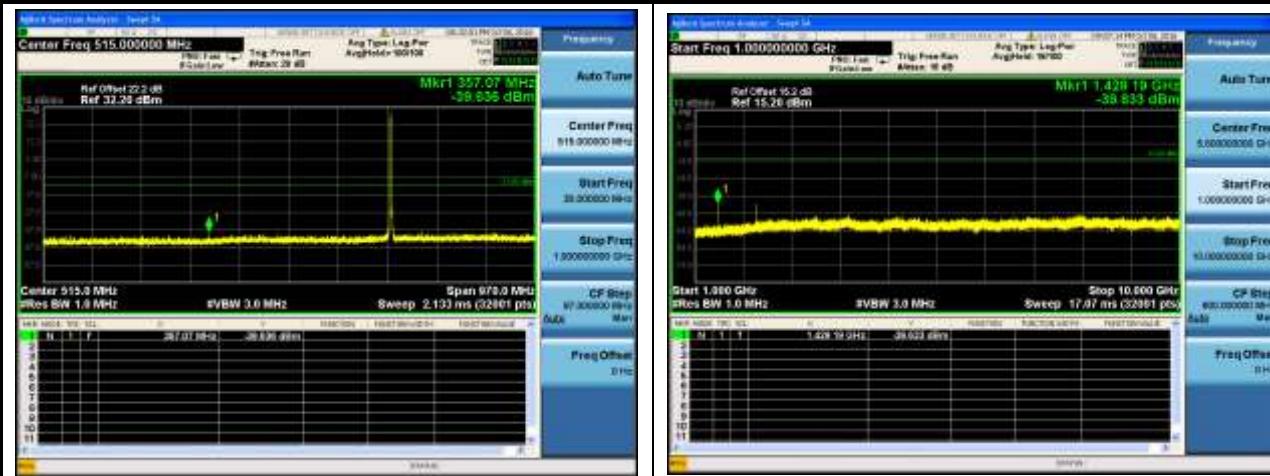
**LTE Band 12 (Low Channel) 23060 (704MHz) QPSK Bandwidth 10MHz**

**LTE Band 12 (Low Channel) 23017 (699.7MHz) 16QAM Bandwidth 1.4MHz**

**LTE Band 12 (Low Channel) 23025 (700.5MHz) 16QAM Bandwidth 3MHz**


**LTE Band 12 (Low Channel) 23035 (701.5MHz) 16QAM Bandwidth 5MHz**

**LTE Band 12 (Low Channel) 23060 (704MHz) 16QAM Bandwidth 10MHz**

**LTE Band 12 (Mid Channel) 23095 (707.5MHz) QPSK Bandwidth 1.4MHz**


**LTE Band 12 (Mid Channel) 23095 (707.5MHz) QPSK Bandwidth 3MHz**

**LTE Band 12 (Mid Channel) 23095 (707.5MHz) QPSK Bandwidth 5MHz**

**LTE Band 12 (Mid Channel) 23095 (707.5MHz) QPSK Bandwidth 10MHz**


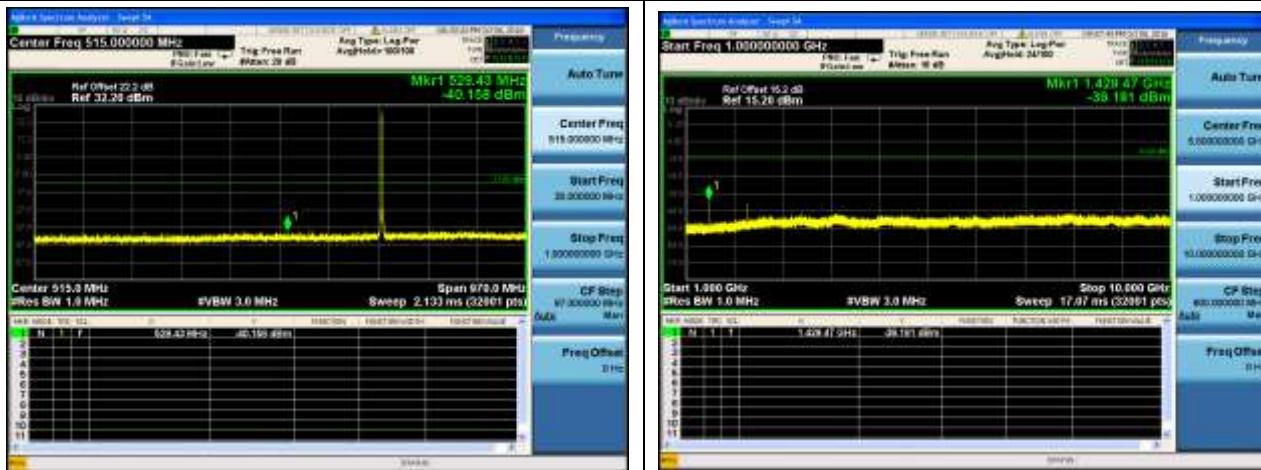
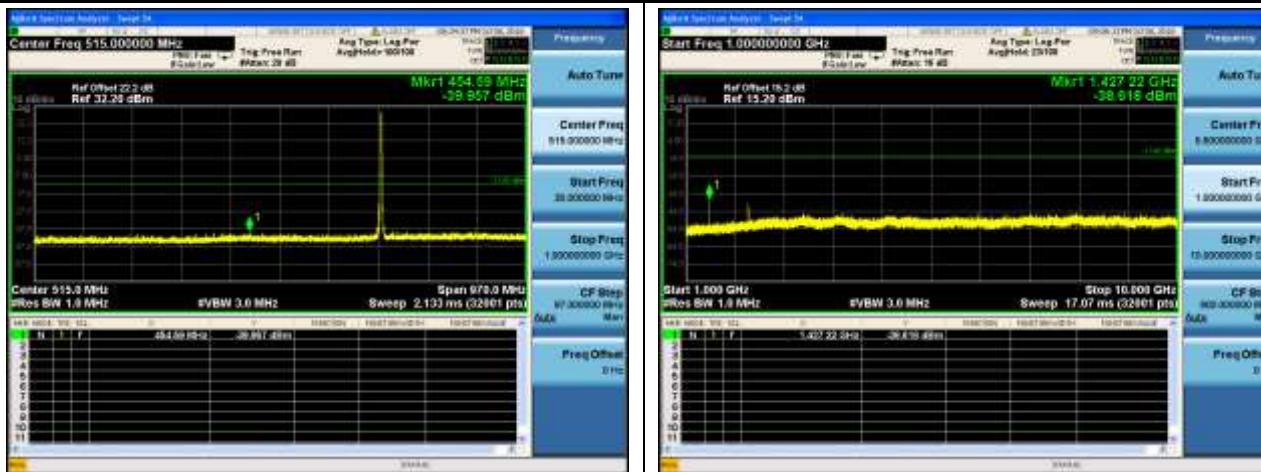
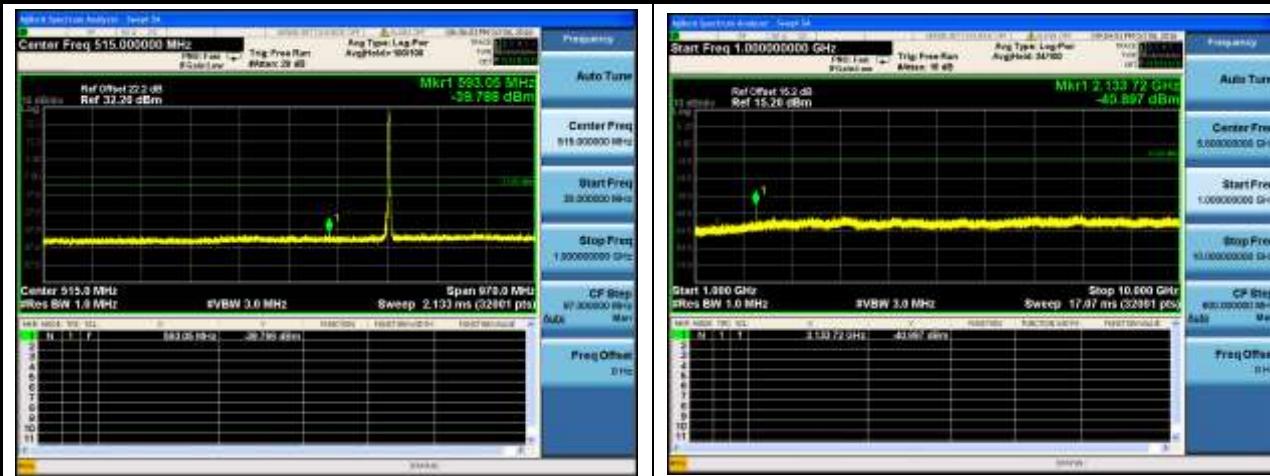
**LTE Band 12 (Mid Channel) 23095 (707.5MHz) 16QAM Bandwidth 1.4MHz**

**LTE Band 12 (Mid Channel) 23095 (707.5MHz) 16QAM Bandwidth 3MHz**

**LTE Band 12 (Mid Channel) 23095 (707.5MHz) 16QAM Bandwidth 5MHz**


**LTE Band 12 (Mid Channel) 23095 (707.5MHz) 16QAM Bandwidth 10MHz**

**LTE Band 12 (High Channel) 23173 (715.3MHz) QPSK Bandwidth 1.4MHz**

**LTE Band 12 (High Channel) 23165 (714.5MHz) QPSK Bandwidth 3MHz**


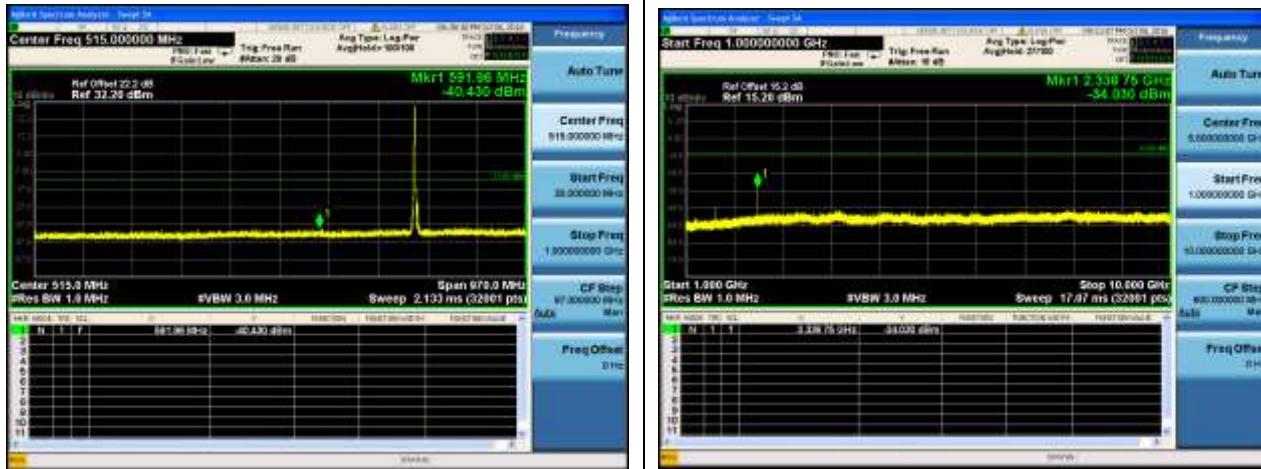
**LTE Band 12 (High Channel) 23155 (713.5MHz) QPSK Bandwidth 5MHz**

**LTE Band 12 (High Channel) 23130 (711MHz) QPSK Bandwidth 10MHz**

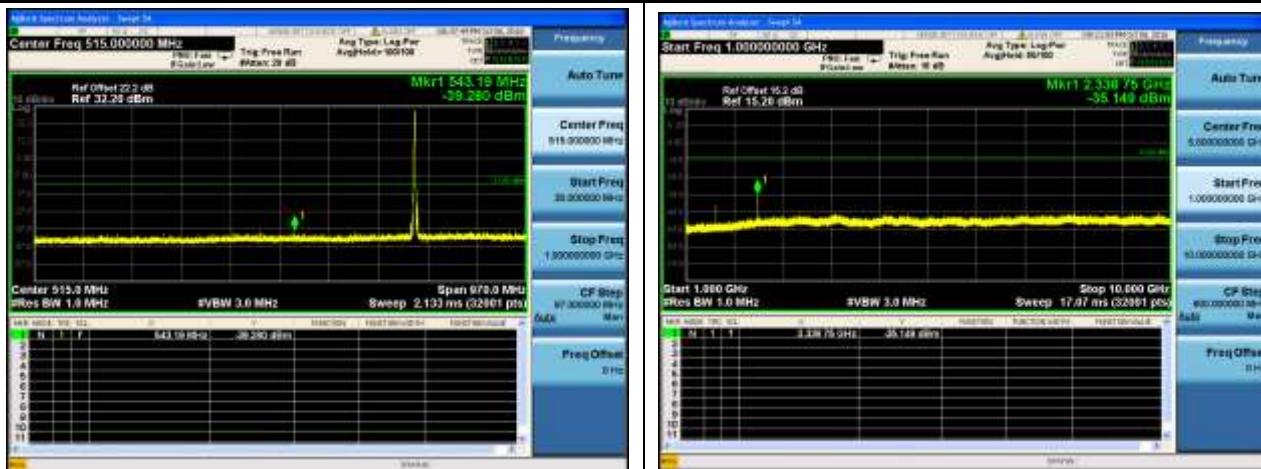
**LTE Band 12 (High Channel) 23173 (715.3MHz) 16QAM Bandwidth 1.4MHz**


**LTE Band 12 (High Channel) 23165 (714.5MHz) 16QAM Bandwidth 3MHz**

**LTE Band 12 (High Channel) 23155 (713.5MHz) 16QAM Bandwidth 5MHz**

**LTE Band 12 (High Channel) 23130 (711MHz) 16QAM Bandwidth 10MHz**


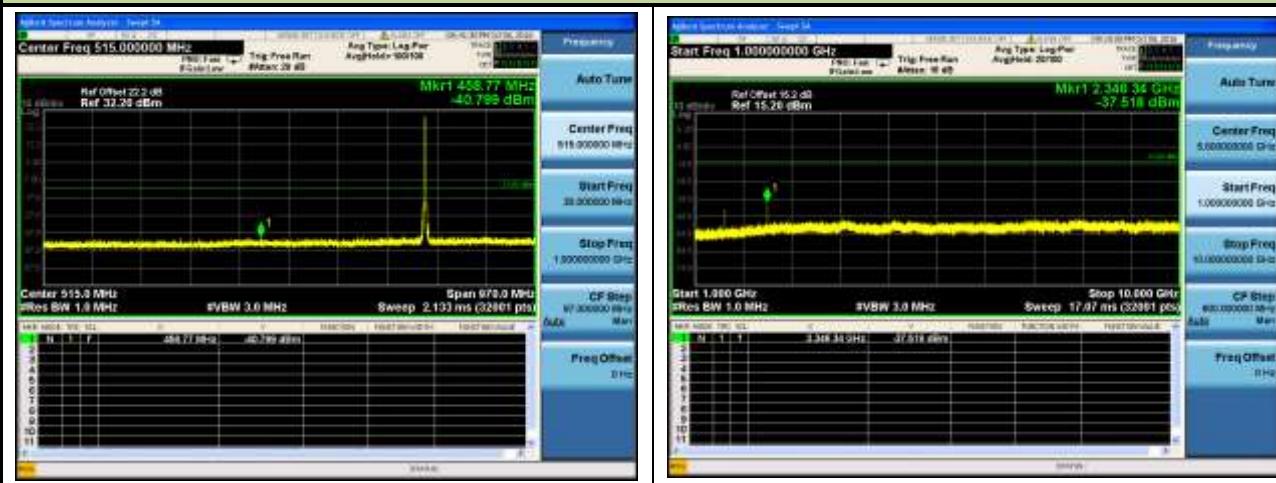
### LTE Band 13 (Low Channel) 23205 (779.5MHz) QPSK Bandwidth 5MHz

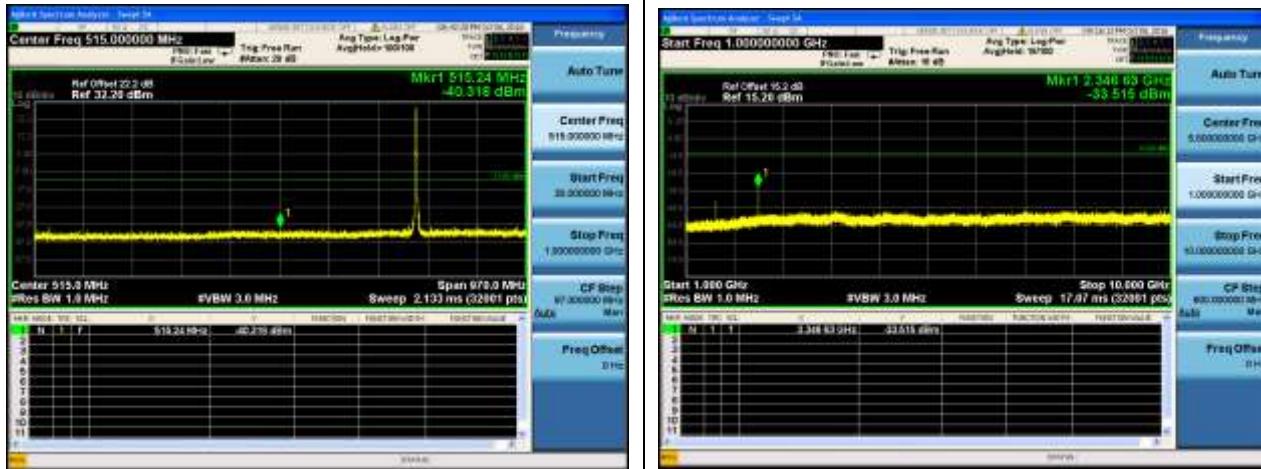
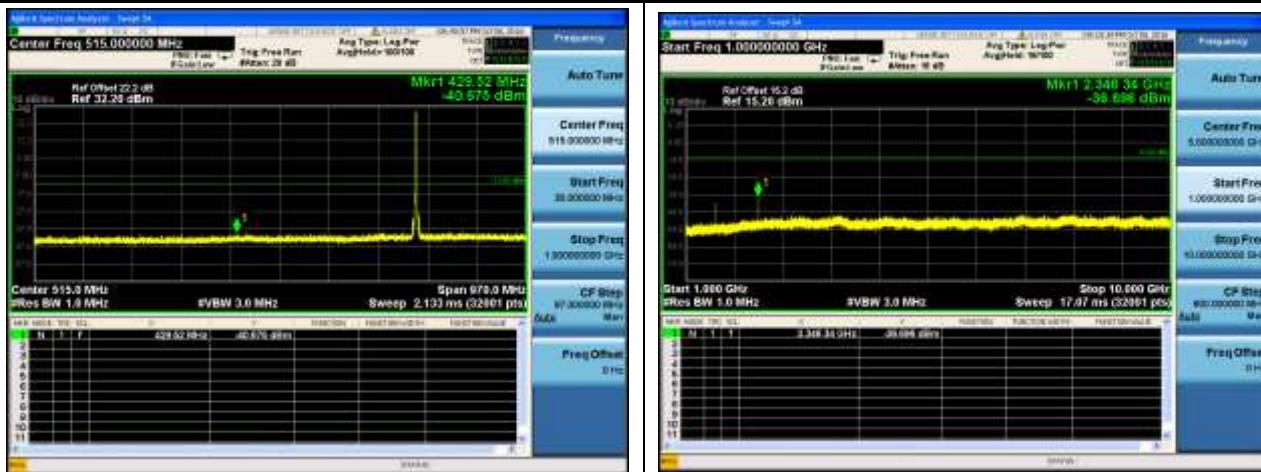
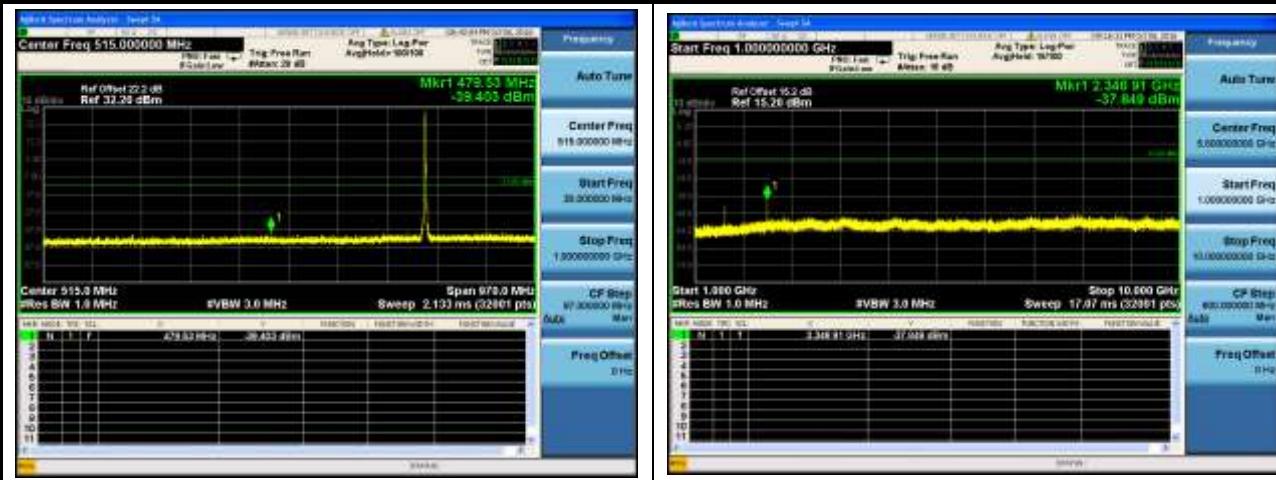


### LTE Band 13 (Low Channel) 23205 (779.5MHz) 16QAM Bandwidth 5MHz

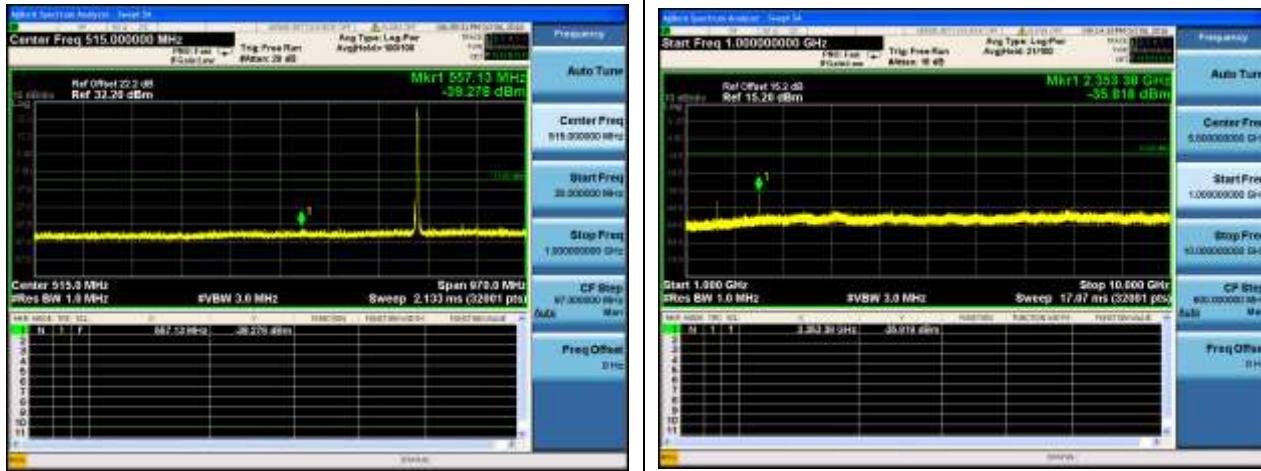


### LTE Band 13 (Mid Channel) 23230 (782MHz) QPSK Bandwidth 5MHz

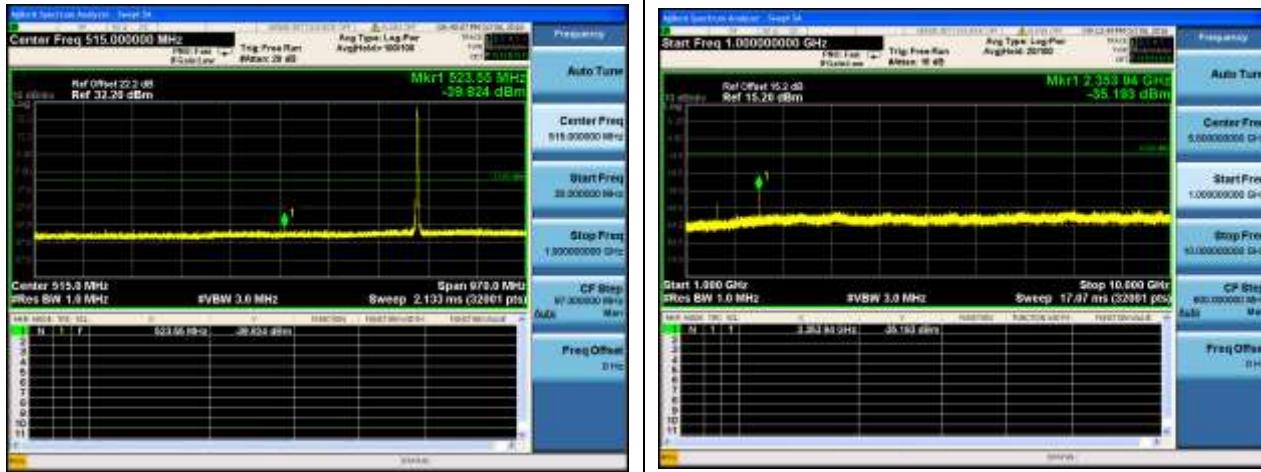


**LTE Band 13 (Mid Channel) 23230 (782MHz) QPSK Bandwidth 10MHz**

**LTE Band 13 (Mid Channel) 23230 (782MHz) 16QAM Bandwidth 5MHz**

**LTE Band 13 (Mid Channel) 23230 (782MHz) 16QAM Bandwidth 10MHz**


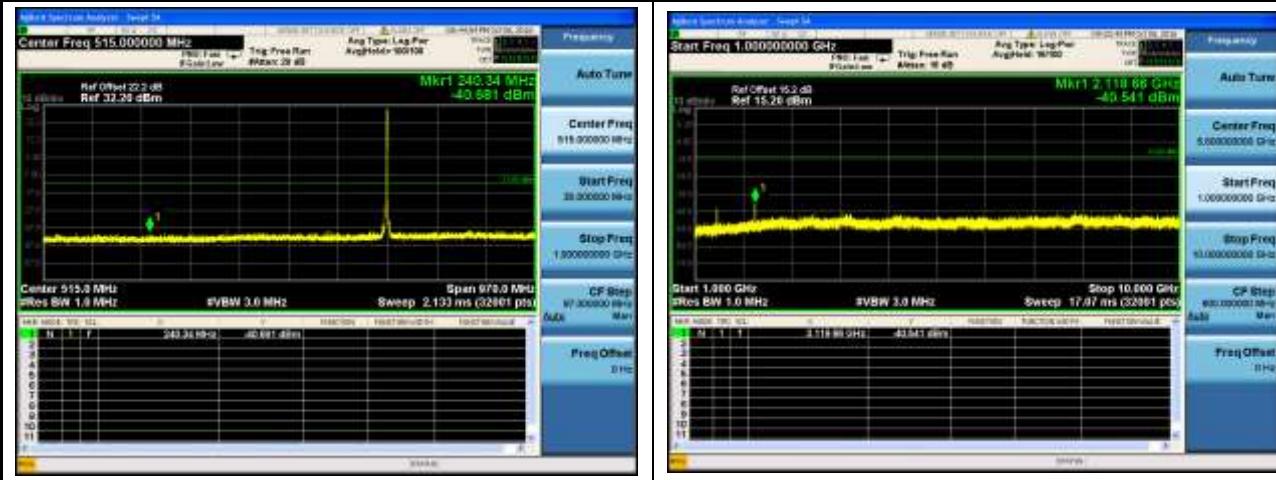
### LTE Band 13 (High Channel) 23255 (784.5MHz) QPSK Bandwidth 5MHz

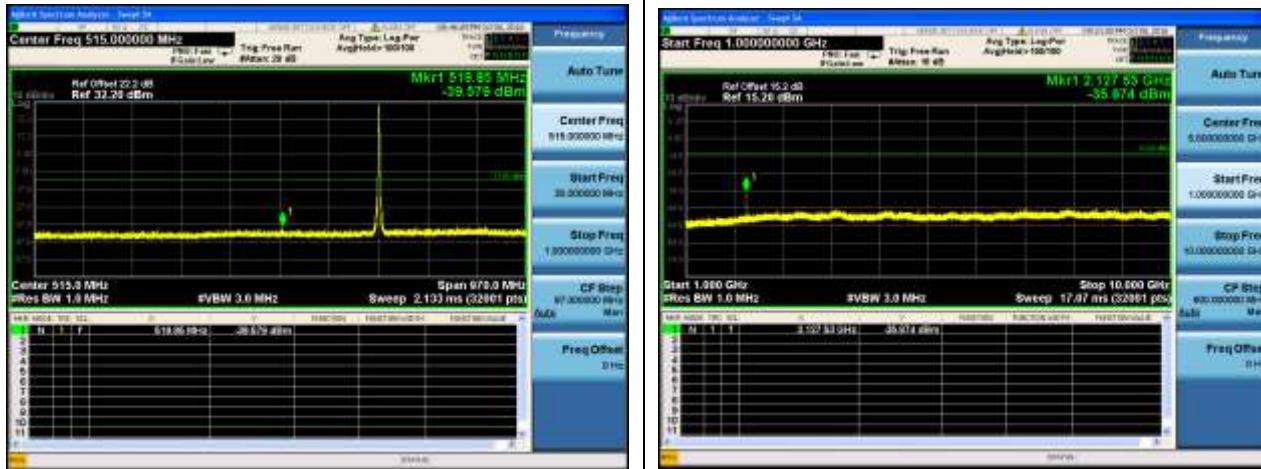
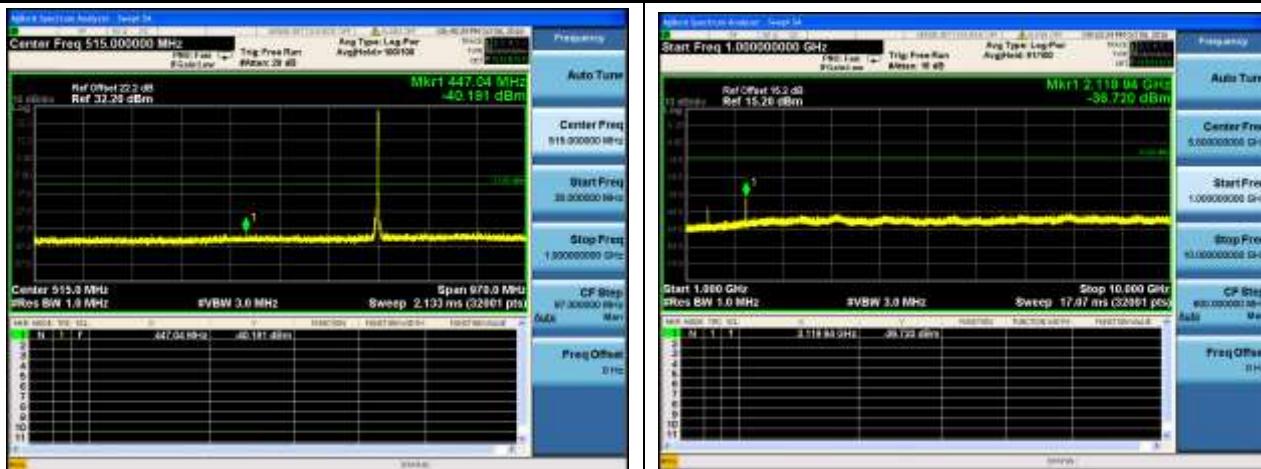
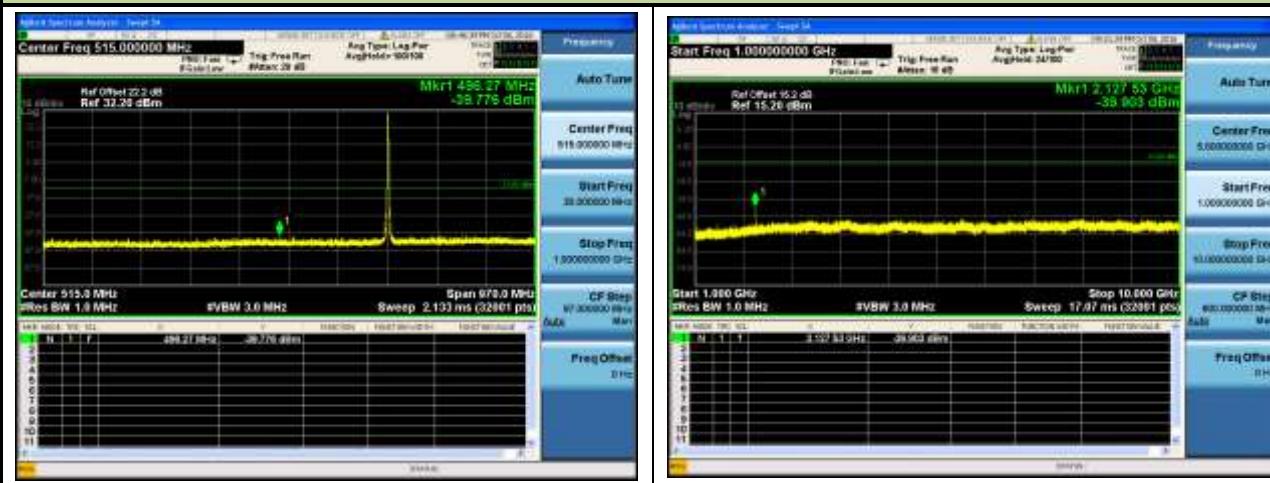


### LTE Band 13 (High Channel) 23255 (784.5MHz) 16QAM Bandwidth 5MHz



### LTE Band 17 (Low Channel) 23755 (706.5MHz) QPSK Bandwidth 5MHz



**LTE Band 17 (Low Channel) 23780 (709MHz) QPSK Bandwidth 10MHz**

**LTE Band 17 (Low Channel) 23755 (706.5MHz) 16QAM Bandwidth 5MHz**

**LTE Band 17 (Low Channel) 23780 (709MHz) 16QAM Bandwidth 10MHz**


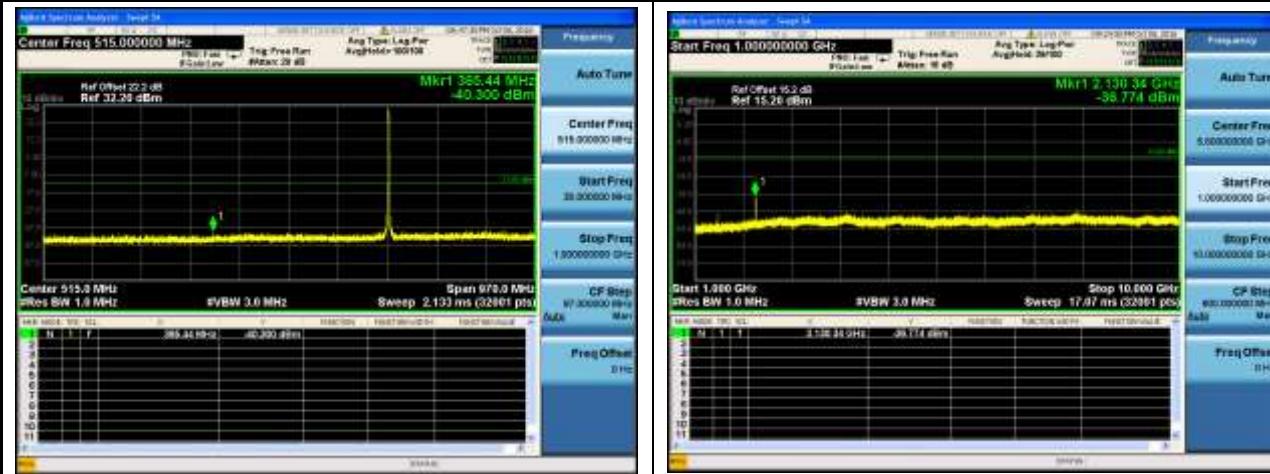
### LTE Band 17 (Mid Channel) 23790 (710MHz) QPSK Bandwidth 5MHz

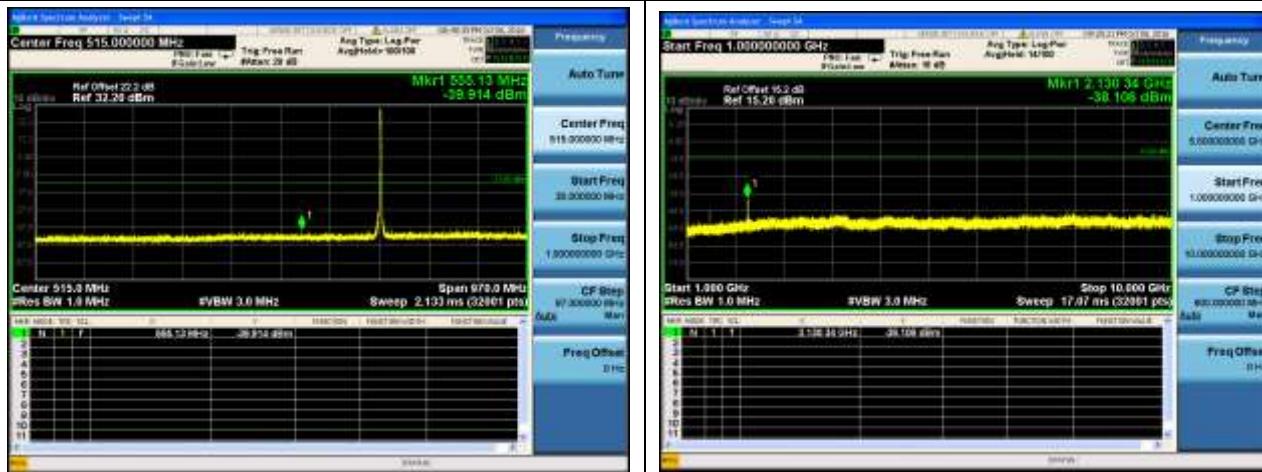
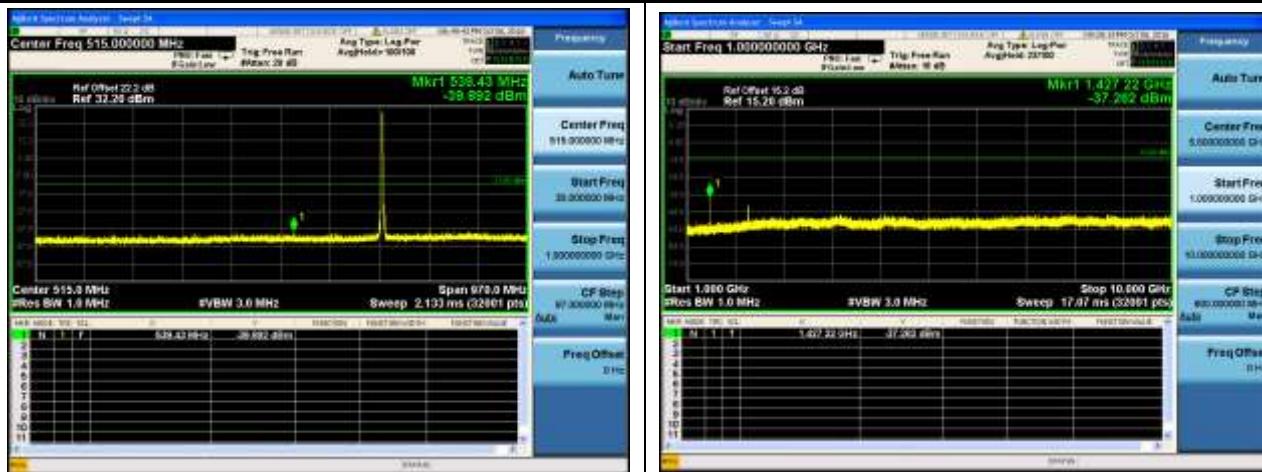
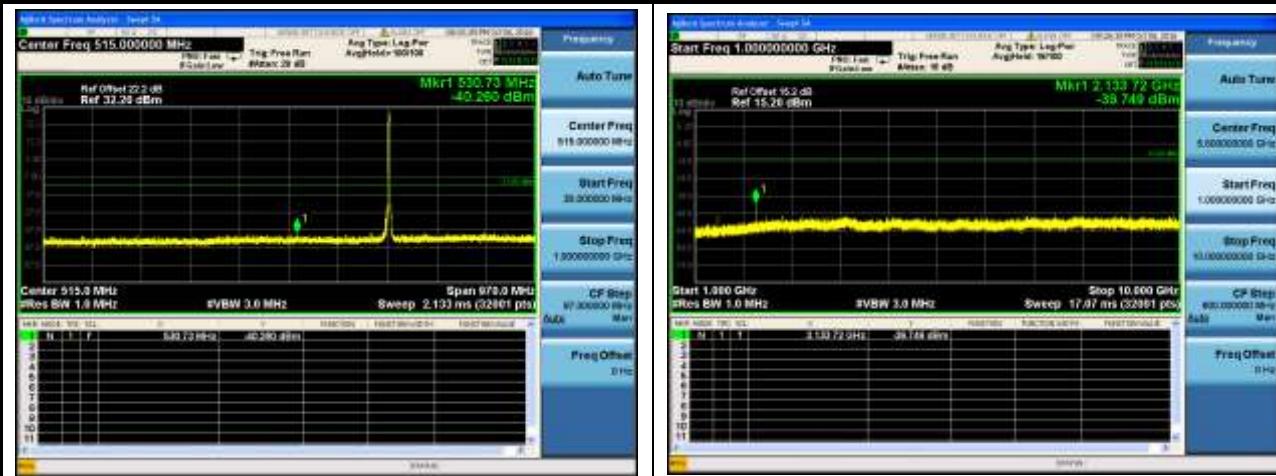


### LTE Band 17 (Mid Channel) 23790 (710MHz) QPSK Bandwidth 10MHz

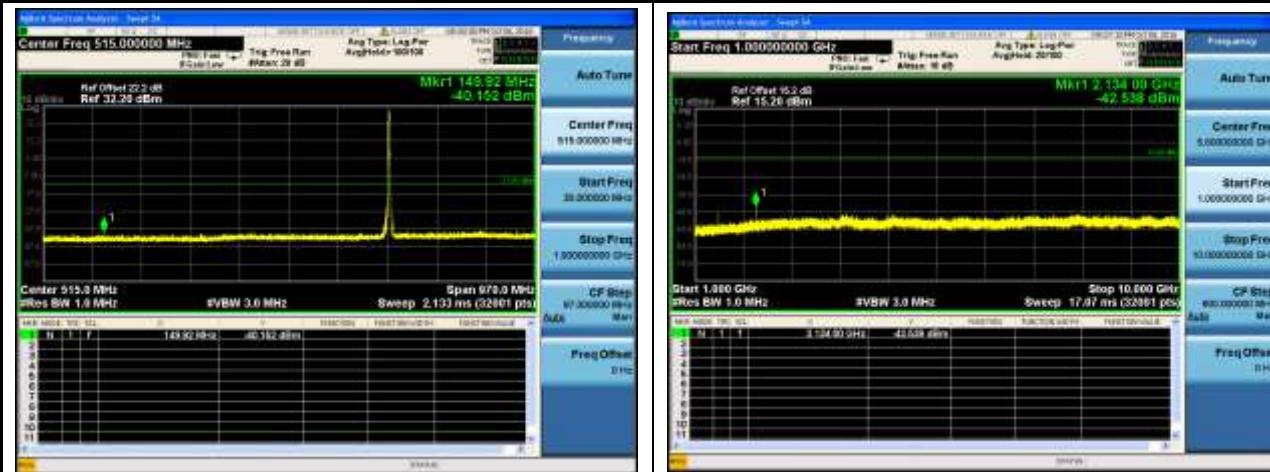


### LTE Band 17 (Mid Channel) 23790 (710MHz) 16QAM Bandwidth 5MHz



**LTE Band 17 (Mid Channel) 23790 (710MHz) 16QAM Bandwidth 10MHz**

**LTE Band 17 (High Channel) 23825 (713.5MHz) QPSK Bandwidth 5MHz**

**LTE Band 17 (High Channel) 23800 (711MHz) QPSK Bandwidth 10MHz**


**LTE Band 17 (High Channel) 23825 (713.5MHz) 16QAM Bandwidth 5MHz**

**LTE Band 17 (High Channel) 23800 (711MHz) 16QAM Bandwidth 10MHz**


## 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  $43 + 10\log(P)$  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 than  $43 + 10 \log (P)$  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.

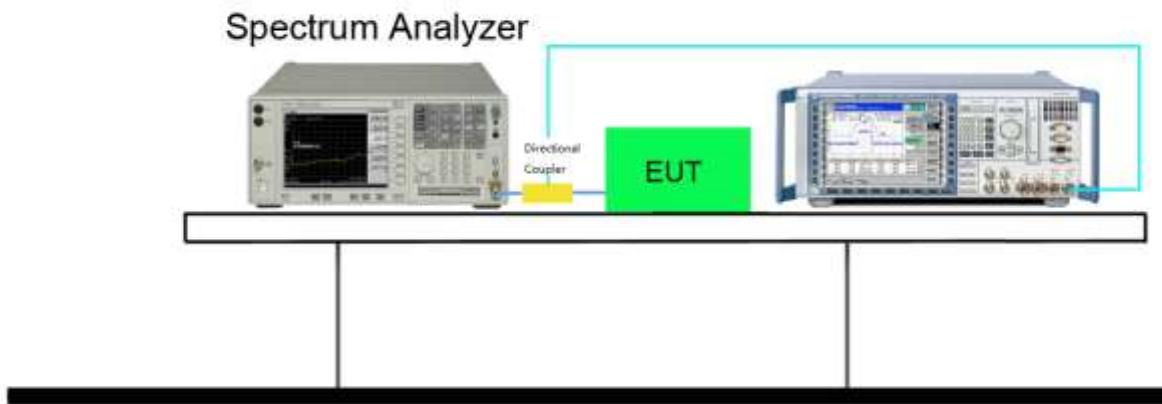
### 7.4.2. Test Procedure Used

KDB 971168 D01v03 – Section 6 & 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	Limit (dBm)	Result
LTE Band 2 (Low Channel)	QPSK	18607/1850.7	1.4	1	0	-13	PASS
			1.4	6	0	-13	PASS
		18615/1851.5	3	1	0	-13	PASS
			3	15	0	-13	PASS
		18625/1852.5	5	1	0	-13	PASS
			5	25	0	-13	PASS
		18650/1855	10	1	0	-13	PASS
			10	50	0	-13	PASS
		18675/1857.5	15	1	0	-13	PASS
			15	75	0	-13	PASS
	16QAM	18700/1860	20	1	0	-13	PASS
			20	100	0	-13	PASS
		18607/1850.7	1.4	1	0	-13	PASS
			1.4	6	0	-13	PASS
		18615/1851.5	3	1	0	-13	PASS
			3	15	0	-13	PASS
		18625/1852.5	5	1	0	-13	PASS
			5	25	0	-13	PASS
		18650/1855	10	1	0	-13	PASS
			10	50	0	-13	PASS
		18675/1857.5	15	1	0	-13	PASS
			15	75	0	-13	PASS
		18700/1860	20	1	0	-13	PASS
			20	100	0	-13	PASS

LTE Band 2 (High Channel)	QPSK	19193/1909.3	1.4	1	5	-13	PASS
		19193/1909.3	1.4	6	0	-13	PASS
		19185/1908.5	3	1	14	-13	PASS
		19185/1908.5	3	15	0	-13	PASS
		19175/1907.5	5	1	24	-13	PASS
		19175/1907.5	5	25	0	-13	PASS
		19150/1905	10	1	49	-13	PASS
		19150/1905	10	50	0	-13	PASS
		19125/1902.5	15	1	74	-13	PASS
		19125/1902.5	15	75	0	-13	PASS
	16QAM	19100/1900	20	1	99	-13	PASS
		19100/1900	20	100	0	-13	PASS
		19193/1909.3	1.4	1	5	-13	PASS
		19193/1909.3	1.4	6	0	-13	PASS
		19185/1908.5	3	1	14	-13	PASS
		19185/1908.5	3	15	0	-13	PASS
		19175/1907.5	5	1	24	-13	PASS
		19175/1907.5	5	25	0	-13	PASS
		19150/1905	10	1	49	-13	PASS
		19150/1905	10	50	0	-13	PASS
		19125/1902.5	15	1	74	-13	PASS
		19125/1902.5	15	75	0	-13	PASS
		19100 /1900	20	1	99	-13	PASS
		19100 /1900	20	100	0	-13	PASS

Test Mode	Modulation	Channel/ Frequency (MHz)	Bandwidth (MHz)	RB Size	RB Offset	Limit (dBm)	Result
LTE Band 4 (Low Channel)	QPSK	19957/1710.7	1.4	1	0	-13	PASS
			1.4	6	0	-13	PASS
		19965/1711.5	3	1	0	-13	PASS
			3	15	0	-13	PASS
		19975/1712.5	5	1	0	-13	PASS
			5	25	0	-13	PASS
		20000/1715	10	1	0	-13	PASS
			10	50	0	-13	PASS
	16QAM	20025/1717.5	15	1	0	-13	PASS
			15	75	0	-13	PASS
		20050/1720	20	1	0	-13	PASS
			20	100	0	-13	PASS
		19957/1710.7	1.4	1	0	-13	PASS
			1.4	6	0	-13	PASS
		19965/1711.5	3	1	0	-13	PASS
			3	15	0	-13	PASS
		19975/1712.5	5	1	0	-13	PASS
			5	25	0	-13	PASS
		20000/1715	10	1	0	-13	PASS
			10	50	0	-13	PASS
		20025/1717.5	15	1	0	-13	PASS
			15	75	0	-13	PASS
		20050/1720	20	1	0	-13	PASS
			20	100	0	-13	PASS

LTE Band 4 (High Channel)	QPSK	20393/1754.3	1.4	1	5	-13	PASS
		20393/1754.3	1.4	6	0	-13	PASS
		20385/1753.5	3	1	14	-13	PASS
		20385/1753.5	3	15	0	-13	PASS
		20375/1752.5	5	1	24	-13	PASS
		20375/1752.5	5	25	0	-13	PASS
		20350/1750	10	1	49	-13	PASS
		20350/1750	10	50	0	-13	PASS
		20325/1747.5	15	1	74	-13	PASS
		20325/1747.5	15	75	0	-13	PASS
	16QAM	20300/1745	20	1	99	-13	PASS
		20300/1745	20	100	0	-13	PASS
		20393/1754.3	1.4	1	5	-13	PASS
		20393/1754.3	1.4	6	0	-13	PASS
		20385/1753.5	3	1	14	-13	PASS
		20385/1753.5	3	15	0	-13	PASS
		20375/1752.5	5	1	24	-13	PASS
		20375/1752.5	5	25	0	-13	PASS
		20350/1750	10	1	49	-13	PASS
		20350/1750	10	50	0	-13	PASS
		20325/1747.5	15	1	74	-13	PASS
		20325/1747.5	15	75	0	-13	PASS
		20300/1745	20	1	99	-13	PASS
		20300/1745	20	100	0	-13	PASS

Test Mode	Modulation	Channel/ Frequency (MHz)	Bandwidth (MHz)	RB Size	RB Offset	Limit (dBm)	Result
LTE Band 5 (Low Channel)	QPSK	20407/824.7	1.4	1	0	-13	PASS
			1.4	6	0	-13	PASS
		20415/825.5	3	1	0	-13	PASS
			3	15	0	-13	PASS
		20425/826.5	5	1	0	-13	PASS
			5	25	0	-13	PASS
	16QAM	20450/829	10	1	0	-13	PASS
			10	50	0	-13	PASS
		20407/824.7	1.4	1	0	-13	PASS
			1.4	6	0	-13	PASS
LTE Band 5 (High Channel)	QPSK	20643/848.3	1.4	1	5	-13	PASS
			1.4	6	0	-13	PASS
		20635/847.5	3	1	14	-13	PASS
			3	15	0	-13	PASS
		20625/846.5	5	1	24	-13	PASS
			5	25	0	-13	PASS
	16QAM	20600/844	10	1	49	-13	PASS
			10	50	0	-13	PASS
		20643/848.3	1.4	1	5	-13	PASS
			1.4	6	0	-13	PASS
		20635/847.5	3	1	14	-13	PASS
			3	15	0	-13	PASS
		20625/846.5	5	1	24	-13	PASS
			5	25	0	-13	PASS
		20600/844	10	1	49	-13	PASS
			10	50	0	-13	PASS

Test Mode	Modulation	Channel/ Frequency (MHz)	Bandwidth (MHz)	RB Size	RB Offset	Limit (dBm)	Result
LTE Band 7 (Low Channel)	QPSK	20775/2502.5	5	1	0	27.53(m)(4)	PASS
			5	25	0	27.53(m)(4)	PASS
		20800/2505	10	1	0	27.53(m)(4)	PASS
			10	50	0	27.53(m)(4)	PASS
		20825/2507.5	15	1	0	27.53(m)(4)	PASS
			15	75	0	27.53(m)(4)	PASS
		20850/2510	20	1	0	27.53(m)(4)	PASS
			20	100	0	27.53(m)(4)	PASS
	16QAM	20775/2502.5	5	1	0	27.53(m)(4)	PASS
			5	25	0	27.53(m)(4)	PASS
		20800/2505	10	1	0	27.53(m)(4)	PASS
			10	50	0	27.53(m)(4)	PASS
		20825/2507.5	15	1	0	27.53(m)(4)	PASS
			15	75	0	27.53(m)(4)	PASS
		20850/2510	20	1	0	27.53(m)(4)	PASS
			20	100	0	27.53(m)(4)	PASS
LTE Band 7 (High Channel)	QPSK	21425/2567.5	5	1	24	27.53(m)(4)	PASS
			5	25	0	27.53(m)(4)	PASS
		21400/2565	10	1	49	27.53(m)(4)	PASS
			10	50	0	27.53(m)(4)	PASS
		21375/2562.5	15	1	74	27.53(m)(4)	PASS
			15	75	0	27.53(m)(4)	PASS
		21350/2560	20	1	99	27.53(m)(4)	PASS
			20	100	0	27.53(m)(4)	PASS
	16QAM	21425/2567.5	5	1	24	27.53(m)(4)	PASS
			5	25	0	27.53(m)(4)	PASS
		21400/2565	10	1	49	27.53(m)(4)	PASS
			10	50	0	27.53(m)(4)	PASS
		21375/2562.5	15	1	74	27.53(m)(4)	PASS
			15	75	0	27.53(m)(4)	PASS
		21350/2560	20	1	99	27.53(m)(4)	PASS
			20	100	0	27.53(m)(4)	PASS

Test Mode	Modulation	Channel/ Frequency (MHz)	Bandwidth (MHz)	RB Size	RB Offset	Limit (dBm)	Result
LTE Band 12 (Low Channel)	QPSK	23017/699.7	1.4	1	0	-13	PASS
			1.4	6	0	-13	PASS
		23025/700.5	3	1	0	-13	PASS
			3	15	0	-13	PASS
		23035/701.5	5	1	0	-13	PASS
			5	25	0	-13	PASS
		23060/704	10	1	0	-13	PASS
			10	50	0	-13	PASS
	16QAM	23017/699.7	1.4	1	0	-13	PASS
			1.4	6	0	-13	PASS
		23025/700.5	3	1	0	-13	PASS
			3	15	0	-13	PASS
		23035/701.5	5	1	0	-13	PASS
			5	25	0	-13	PASS
		23060/704	10	1	0	-13	PASS
			10	50	0	-13	PASS
LTE Band 12 (High Channel)	QPSK	23173/715.3	1.4	1	5	-13	PASS
			1.4	6	0	-13	PASS
		23165/714.5	3	1	14	-13	PASS
			3	15	0	-13	PASS
		23155/713.5	5	1	24	-13	PASS
			5	25	0	-13	PASS
		23130/711	10	1	49	-13	PASS
			10	50	0	-13	PASS
	16QAM	23173/715.3	1.4	1	5	-13	PASS
			1.4	6	0	-13	PASS
		23165/714.5	3	1	14	-13	PASS
			3	15	0	-13	PASS
		23155/713.5	5	1	24	-13	PASS
			5	25	0	-13	PASS
		23130/711	10	1	49	-13	PASS
			10	50	0	-13	PASS

Test Mode	Modulation	Channel/ Frequency (MHz)	Bandwidth (MHz)	RB Size	RB Offset	Limit (dBm)	Result
LTE Band 13 (Low Channel)	QPSK	23205/779.5	5	1	0	-13	PASS
			5	25	0	-13	PASS
		23230/782	10	1	0	-13	PASS
			10	50	0	-13	PASS
	16QAM	23205/779.5	5	1	0	-13	PASS
			5	25	0	-13	PASS
		23230/782	10	1	0	-13	PASS
			10	50	0	-13	PASS
LTE Band 13 (High Channel)	QPSK	23255/784.5	5	1	24	-13	PASS
			5	25	0	-13	PASS
		23230/782	10	1	49	-13	PASS
			10	50	0	-13	PASS
	16QAM	23255/784.5	5	1	24	-13	PASS
			5	25	0	-13	PASS
		23230/782	10	1	49	-13	PASS
			10	50	0	-13	PASS

Test Mode	Modulation	Channel/ Frequency (MHz)	Bandwidth (MHz)	RB Size	RB Offset	Limit (dBm)	Result
LTE Band 17 (Low Channel)	QPSK	23755/706.5	5	1	0	-13	PASS
			5	25	0	-13	PASS
		23780/709	10	1	0	-13	PASS
			10	50	0	-13	PASS
	16QAM	23755/706.5	5	1	0	-13	PASS
			5	25	0	-13	PASS
		23780/709	10	1	0	-13	PASS
			10	50	0	-13	PASS
LTE Band 17 (High Channel)	QPSK	23825/713.5	5	1	24	-13	PASS
			5	25	0	-13	PASS
		23800/711	10	1	49	-13	PASS
			10	50	0	-13	PASS
	16QAM	23825/713.5	5	1	24	-13	PASS
			5	25	0	-13	PASS
		23800/711	10	1	49	-13	PASS
			10	50	0	-13	PASS

LTE Band 2 (Low Channel)	
CH18607 (1850.7MHz) QPSK Bandwidth 1.4MHz 1RB#0	CH18607 (1850.7MHz) QPSK Bandwidth 1.4MHz 6RB#0
<p>Center Freq 1.850000000 GHz Ref Offset 16.2 dB Ref 21.20 dBm Mkr1 1.850 000 GHz -24.478 dBm Span 5.000 MHz Sweep 27.53 ms (1001 pts) FVBW 43 kHz #Res BW 15 kHz Freq Offset 8 Hz</p>	<p>Center Freq 1.850000000 GHz Ref Offset 16.2 dB Ref 21.20 dBm Mkr1 1.850 000 GHz -29.880 dBm Span 5.000 MHz Sweep 27.53 ms (1001 pts) FVBW 43 kHz #Res BW 15 kHz Freq Offset 8 Hz</p>
CH18615 (1851.5MHz) QPSK Bandwidth 3MHz 1RB#0	CH18615 (1851.5MHz) QPSK Bandwidth 3MHz 15RB#0
<p>Center Freq 1.850000000 GHz Ref Offset 16.2 dB Ref 21.20 dBm Mkr1 1.850 000 GHz -17.254 dBm Span 10.00 MHz Sweep 13.73 ms (1001 pts) FVBW 91 kHz #Res BW 30 kHz Freq Offset 8 Hz</p>	<p>Center Freq 1.850000000 GHz Ref Offset 16.2 dB Ref 21.20 dBm Mkr1 1.850 000 GHz -27.171 dBm Span 10.00 MHz Sweep 13.73 ms (1001 pts) FVBW 91 kHz #Res BW 30 kHz Freq Offset 8 Hz</p>
CH18625 (1852.5MHz) QPSK Bandwidth 5MHz 1RB#0	CH18625 (1852.5MHz) QPSK Bandwidth 5MHz 25RB#0
<p>Center Freq 1.850000000 GHz Ref Offset 16.2 dB Ref 21.20 dBm Mkr1 1.850 000 GHz -17.360 dBm Span 15.00 MHz Sweep 7.533 ms (1001 pts) FVBW 150 kHz #Res BW 51 kHz Freq Offset 8 Hz</p>	<p>Center Freq 1.850000000 GHz Ref Offset 16.2 dB Ref 21.20 dBm Mkr1 1.850 000 GHz -27.860 dBm Span 15.00 MHz Sweep 7.533 ms (1001 pts) FVBW 150 kHz #Res BW 51 kHz Freq Offset 8 Hz</p>

CH18650 (1855MHz) QPSK Bandwidth 10MHz 1RB#0	CH18650 (1855MHz) QPSK Bandwidth 10MHz 50RB#0
CH18675 (1857.5MHz) QPSK Bandwidth 15MHz 1RB#0	CH18675 (1857.5MHz) QPSK Bandwidth 15MHz 75RB#0
CH18700 (1860MHz) QPSK Bandwidth 20MHz 1RB#0	CH18700 (1860MHz) QPSK Bandwidth 20MHz 100RB#0

<b>CH18607 (1850.7MHz) 16QAM Bandwidth 1.4MHz 1RB#0</b>	<b>CH18607 (1850.7MHz) 16QAM Bandwidth 1.4MHz 6RB#0</b>
<p>Center Freq 1.850000000 GHz Ref Offset 16.2 dB Ref 21.20 dBm Mkr1 1.850 000 GHz -25.027 dBm Span 5.000 MHz #Res BW 15 kHz Sweep 27.53 ms (1001 pts)</p>	<p>Center Freq 1.850000000 GHz Ref Offset 16.2 dB Ref 21.20 dBm Mkr1 1.850 000 GHz -28.926 dBm Span 5.000 MHz #Res BW 15 kHz Sweep 27.53 ms (1001 pts)</p>
<b>CH18615 (1851.5MHz) 16QAM Bandwidth 3MHz 1RB#0</b>	<b>CH18615 (1851.5MHz) 16QAM Bandwidth 3MHz 15RB#0</b>
<p>Center Freq 1.850000000 GHz Ref Offset 16.2 dB Ref 21.20 dBm Mkr1 1.850 00 GHz -17.848 dBm Span 10.00 MHz #Res BW 30 kHz Sweep 13.73 ms (1001 pts)</p>	<p>Center Freq 1.850000000 GHz Ref Offset 16.2 dB Ref 21.20 dBm Mkr1 1.850 00 GHz -28.404 dBm Span 10.00 MHz #Res BW 30 kHz Sweep 13.73 ms (1001 pts)</p>
<b>CH18625 (1852.5MHz) 16QAM Bandwidth 5MHz 1RB#0</b>	<b>CH18625 (1852.5MHz) 16QAM Bandwidth 5MHz 25RB#0</b>
<p>Center Freq 1.850000000 GHz Ref Offset 16.2 dB Ref 21.20 dBm Mkr1 1.850 000 GHz -18.403 dBm Span 15.00 MHz #Res BW 51 kHz Sweep 7.133 ms (1001 pts)</p>	<p>Center Freq 1.850000000 GHz Ref Offset 16.2 dB Ref 21.20 dBm Mkr1 1.850 000 GHz -28.114 dBm Span 15.00 MHz #Res BW 51 kHz Sweep 7.133 ms (1001 pts)</p>

<b>CH18650 (1855MHz) 16QAM Bandwidth 10MHz 1RB#0</b>	<b>CH18650 (1855MHz) 16QAM Bandwidth 10MHz 50RB#0</b>
<p>Center Freq 1.850000000 GHz Ref Offset 16.2 dB Ref 23.20 dBm Mkr1 1.850 00 GHz -18.268 dBm</p> <p>Frequency Auto-Tune Center Freq 1.850000000 GHz Start Freq 1.850000000 GHz Stop Freq 1.850000000 GHz CF Step 3.00000 MHz Baud 1000 kHz Freq Offset 0 Hz</p> <p>Center 1.85000 GHz #Res BW 100 kHz #VSWR 300 kHz* Sweep 39.00 MHz 3.733 ms (1001 pts)</p>	<p>Center Freq 1.850000000 GHz Ref Offset 16.2 dB Ref 23.20 dBm Mkr1 1.850 00 GHz -33.665 dBm</p> <p>Frequency Auto-Tune Center Freq 1.850000000 GHz Start Freq 1.850000000 GHz Stop Freq 1.850000000 GHz CF Step 3.00000 MHz Baud 1000 kHz Freq Offset 0 Hz</p> <p>Center 1.85000 GHz #Res BW 100 kHz #VSWR 300 kHz* Sweep 39.00 MHz 3.733 ms (1001 pts)</p>
<b>CH18675 (1857.5MHz) 16QAM Bandwidth 15MHz 1RB#0</b>	<b>CH18675 (1857.5MHz) 16QAM Bandwidth 15MHz 75RB#0</b>
<p>Center Freq 1.850000000 GHz Ref Offset 16.2 dB Ref 23.20 dBm Mkr1 1.850 000 GHz -23.219 dBm</p> <p>Frequency Auto-Tune Center Freq 1.850000000 GHz Start Freq 1.850000000 GHz Stop Freq 1.850000000 GHz CF Step 4.50000 MHz Baud 1000 kHz Freq Offset 0 Hz</p> <p>Center 1.85000 GHz #Res BW 150 kHz #VSWR 430 kHz* Sweep 45.00 MHz 2.533 ms (1001 pts)</p>	<p>Center Freq 1.850000000 GHz Ref Offset 16.2 dB Ref 23.20 dBm Mkr1 1.850 000 GHz -32.529 dBm</p> <p>Frequency Auto-Tune Center Freq 1.850000000 GHz Start Freq 1.850000000 GHz Stop Freq 1.850000000 GHz CF Step 4.50000 MHz Baud 1000 kHz Freq Offset 0 Hz</p> <p>Center 1.85000 GHz #Res BW 150 kHz #VSWR 430 kHz* Sweep 45.00 MHz 2.533 ms (1001 pts)</p>
<b>CH18700 (1860MHz) 16QAM Bandwidth 20MHz 1RB#0</b>	<b>CH18700 (1860MHz) 16QAM Bandwidth 20MHz 100RB#0</b>
<p>Center Freq 1.850000000 GHz Ref Offset 16.2 dB Ref 23.20 dBm Mkr1 1.850 00 GHz -29.384 dBm</p> <p>Frequency Auto-Tune Center Freq 1.850000000 GHz Start Freq 1.850000000 GHz Stop Freq 1.850000000 GHz CF Step 6.00000 MHz Baud 1000 kHz Freq Offset 0 Hz</p> <p>Center 1.85000 GHz #Res BW 200 kHz #VSWR 620 kHz* Sweep 69.00 MHz 1.867 ms (1001 pts)</p>	<p>Center Freq 1.850000000 GHz Ref Offset 16.2 dB Ref 23.20 dBm Mkr1 1.850 00 GHz -33.603 dBm</p> <p>Frequency Auto-Tune Center Freq 1.850000000 GHz Start Freq 1.850000000 GHz Stop Freq 1.850000000 GHz CF Step 6.00000 MHz Baud 1000 kHz Freq Offset 0 Hz</p> <p>Center 1.85000 GHz #Res BW 200 kHz #VSWR 620 kHz* Sweep 69.00 MHz 1.867 ms (1001 pts)</p>

LTE Band 2 (High Channel)	
CH19193 (1909.3MHz) QPSK Bandwidth 1.4MHz 1RB#5	CH19193 (1909.3MHz) QPSK Bandwidth 1.4MHz 6RB#0
<p>Center Freq 1.91000000 GHz Ref Offset 16.2 dB Ref 23.20 dBm Mkr1 1.910 000 GHz -22.982 dBm #Res BW 15 kHz #VSW 43 kHz Sweep 27.53 ms (1001 pts) Start Freq 1.90700000 GHz Stop Freq 1.91250000 GHz CF Step 900.000 kHz Auto Freq Offset 8 Hz</p>	<p>Center Freq 1.91000000 GHz Ref Offset 16.2 dB Ref 23.20 dBm Mkr1 1.910 000 GHz -29.525 dBm #Res BW 15 kHz #VSW 43 kHz Sweep 27.53 ms (1001 pts) Start Freq 1.90750000 GHz Stop Freq 1.91250000 GHz CF Step 900.000 kHz Auto Freq Offset 8 Hz</p>
CH19185 (1908.5MHz) QPSK Bandwidth 3MHz 1RB#5	CH19185 (1908.5MHz) QPSK Bandwidth 3MHz 15RB#0
<p>Center Freq 1.91000000 GHz Ref Offset 16.2 dB Ref 23.20 dBm Mkr1 1.910 000 GHz -16.246 dBm #Res BW 30 kHz #VSW 91 kHz Sweep 13.73 ms (1001 pts) Start Freq 1.90900000 GHz Stop Freq 1.91100000 GHz CF Step 1.00000 MHz Auto Freq Offset 8 Hz</p>	<p>Center Freq 1.91000000 GHz Ref Offset 16.2 dB Ref 23.20 dBm Mkr1 1.910 000 GHz -29.127 dBm #Res BW 30 kHz #VSW 91 kHz Sweep 13.73 ms (1001 pts) Start Freq 1.90650000 GHz Stop Freq 1.91550000 GHz CF Step 1.00000 MHz Auto Freq Offset 8 Hz</p>
CH19175 (1907.5MHz) QPSK Bandwidth 5MHz 1RB#24	CH19175 (1907.5MHz) QPSK Bandwidth 5MHz 25RB#0
<p>Center Freq 1.91000000 GHz Ref Offset 16.2 dB Ref 23.20 dBm Mkr1 1.910 000 GHz -15.419 dBm #Res BW 51 kHz #VSW 150 kHz Sweep 7.533 ms (1001 pts) Start Freq 1.90800000 GHz Stop Freq 1.91200000 GHz CF Step 1.00000 MHz Auto Freq Offset 8 Hz</p>	<p>Center Freq 1.91000000 GHz Ref Offset 16.2 dB Ref 25.20 dBm Mkr1 1.910 000 GHz -24.570 dBm #Res BW 51 kHz #VSW 150 kHz Sweep 7.533 ms (1001 pts) Start Freq 1.90850000 GHz Stop Freq 1.91250000 GHz CF Step 1.00000 MHz Auto Freq Offset 8 Hz</p>

<b>CH19150 (1905MHz) QPSK Bandwidth 10MHz 1RB#49</b>	<b>CH19150 (1905MHz) QPSK Bandwidth 10MHz 50RB#0</b>
<p>Center Freq 1.915000000 GHz Ref Offset 16.2 dB Ref 25.20 dBm Mkr1 1.910 00 GHz -19.887 dBm</p> <p>Frequency Auto-Tune Center Freq 1.915000000 GHz Start Freq 1.865000000 GHz Stop Freq 1.925000000 GHz CF Step 3.00000 MHz Baud 1000000000 Hz Freq Offset 0 Hz</p> <p>Center 1.91000 GHz #Res BW 100 kHz #VSWR 300 kHz Sweep 3.733 ms (1001 pts)</p>	<p>Center Freq 1.915000000 GHz Ref Offset 16.2 dB Ref 25.20 dBm Mkr1 1.910 00 GHz -29.566 dBm</p> <p>Frequency Auto-Tune Center Freq 1.915000000 GHz Start Freq 1.865000000 GHz Stop Freq 1.925000000 GHz CF Step 3.00000 MHz Baud 1000000000 Hz Freq Offset 0 Hz</p> <p>Center 1.91000 GHz #Res BW 100 kHz #VSWR 300 kHz Sweep 3.733 ms (1001 pts)</p>
<b>CH19125 (1902.5MHz) QPSK Bandwidth 15MHz 1RB#74</b>	<b>CH19125 (1902.5MHz) QPSK Bandwidth 15MHz 75RB#0</b>
<p>Center Freq 1.912500000 GHz Ref Offset 16.2 dB Ref 25.20 dBm Mkr1 1.910 000 GHz -20.032 dBm</p> <p>Frequency Auto-Tune Center Freq 1.912500000 GHz Start Freq 1.867500000 GHz Stop Freq 1.927500000 GHz CF Step 4.50000 MHz Baud 1000000000 Hz Freq Offset 0 Hz</p> <p>Center 1.91000 GHz #Res BW 150 kHz #VSWR 430 kHz Sweep 2.533 ms (1001 pts)</p>	<p>Center Freq 1.912500000 GHz Ref Offset 16.2 dB Ref 25.20 dBm Mkr1 1.910 000 GHz -29.803 dBm</p> <p>Frequency Auto-Tune Center Freq 1.912500000 GHz Start Freq 1.867500000 GHz Stop Freq 1.927500000 GHz CF Step 4.50000 MHz Baud 1000000000 Hz Freq Offset 0 Hz</p> <p>Center 1.91000 GHz #Res BW 150 kHz #VSWR 430 kHz Sweep 2.533 ms (1001 pts)</p>
<b>CH19100 (1900MHz) QPSK Bandwidth 20MHz 1RB#99</b>	<b>CH19100 (1900MHz) QPSK Bandwidth 20MHz 100RB#0</b>
<p>Center Freq 1.910000000 GHz Ref Offset 16.2 dB Ref 25.20 dBm Mkr1 1.910 00 GHz -23.441 dBm</p> <p>Frequency Auto-Tune Center Freq 1.910000000 GHz Start Freq 1.860000000 GHz Stop Freq 1.920000000 GHz CF Step 6.00000 MHz Baud 1000000000 Hz Freq Offset 0 Hz</p> <p>Center 1.91000 GHz #Res BW 200 kHz #VSWR 620 kHz Sweep 1.867 ms (1001 pts)</p>	<p>Center Freq 1.910000000 GHz Ref Offset 16.2 dB Ref 25.20 dBm Mkr1 1.910 00 GHz -29.455 dBm</p> <p>Frequency Auto-Tune Center Freq 1.910000000 GHz Start Freq 1.860000000 GHz Stop Freq 1.920000000 GHz CF Step 6.00000 MHz Baud 1000000000 Hz Freq Offset 0 Hz</p> <p>Center 1.91000 GHz #Res BW 200 kHz #VSWR 620 kHz Sweep 1.867 ms (1001 pts)</p>

<b>CH19193 (1909.3MHz) 16QAM Bandwidth 1.4MHz 1RB#5</b>	<b>CH19193 (1909.3MHz) 16QAM Bandwidth 1.4MHz 6RB#0</b>
<b>CH19185 (1908.5MHz) 16QAM Bandwidth 3MHz 1RB#14</b>	<b>CH19185 (1908.5MHz) 16QAM Bandwidth 3MHz 15RB#0</b>
<b>CH19175 (1907.5MHz) 16QAM Bandwidth 5MHz 1RB#24</b>	<b>CH19175 (1907.5MHz) 16QAM Bandwidth 5MHz 25RB#0</b>

<b>CH19150 (1905MHz) 16QAM Bandwidth 10MHz 1RB#49</b>	<b>CH19150 (1905MHz) 16QAM Bandwidth 10MHz 50RB#0</b>
<p>Center Freq 1.915000000 GHz Ref Offset 16.2 dB Ref 25.20 dBm Mkr1 1.910 00 GHz -18.738 dBm</p> <p>Frequency Auto-Tune Center Freq 1.915000000 GHz Start Freq 1.865000000 GHz Stop Freq 1.925000000 GHz CF Step 3.00000 MHz Baud 1000000000 Hz Freq Offset 0 Hz</p> <p>Center 1.91000 GHz #Res BW 100 kHz #VSWR 300 kHz Sweep 3.733 ms (1001 pts)</p>	<p>Center Freq 1.915000000 GHz Ref Offset 16.2 dB Ref 25.20 dBm Mkr1 1.910 00 GHz -29.932 dBm</p> <p>Frequency Auto-Tune Center Freq 1.915000000 GHz Start Freq 1.865000000 GHz Stop Freq 1.925000000 GHz CF Step 3.00000 MHz Baud 1000000000 Hz Freq Offset 0 Hz</p> <p>Center 1.91000 GHz #Res BW 100 kHz #VSWR 300 kHz Sweep 3.733 ms (1001 pts)</p>
<b>CH19125 (1902.5MHz) 16QAM Bandwidth 15MHz 1RB#74</b>	<b>CH19125 (1902.5MHz) 16QAM Bandwidth 15MHz 75RB#0</b>
<p>Center Freq 1.912500000 GHz Ref Offset 16.2 dB Ref 25.20 dBm Mkr1 1.910 000 GHz -22.838 dBm</p> <p>Frequency Auto-Tune Center Freq 1.912500000 GHz Start Freq 1.867500000 GHz Stop Freq 1.927500000 GHz CF Step 4.50000 MHz Baud 1000000000 Hz Freq Offset 0 Hz</p> <p>Center 1.91000 GHz #Res BW 150 kHz #VSWR 430 kHz Sweep 2.533 ms (1001 pts)</p>	<p>Center Freq 1.912500000 GHz Ref Offset 16.2 dB Ref 25.20 dBm Mkr1 1.910 000 GHz -30.265 dBm</p> <p>Frequency Auto-Tune Center Freq 1.912500000 GHz Start Freq 1.867500000 GHz Stop Freq 1.927500000 GHz CF Step 4.50000 MHz Baud 1000000000 Hz Freq Offset 0 Hz</p> <p>Center 1.91000 GHz #Res BW 150 kHz #VSWR 430 kHz Sweep 2.533 ms (1001 pts)</p>
<b>CH19100 (1900MHz) 16QAM Bandwidth 20MHz 1RB#99</b>	<b>CH19100 (1900MHz) 16QAM Bandwidth 20MHz 100RB#0</b>
<p>Center Freq 1.910000000 GHz Ref Offset 16.2 dB Ref 25.20 dBm Mkr1 1.910 00 GHz -21.848 dBm</p> <p>Frequency Auto-Tune Center Freq 1.910000000 GHz Start Freq 1.860000000 GHz Stop Freq 1.920000000 GHz CF Step 6.00000 MHz Baud 1000000000 Hz Freq Offset 0 Hz</p> <p>Center 1.91000 GHz #Res BW 200 kHz #VSWR 620 kHz Sweep 1.367 ms (1001 pts)</p>	<p>Center Freq 1.910000000 GHz Ref Offset 16.2 dB Ref 25.20 dBm Mkr1 1.910 00 GHz -31.727 dBm</p> <p>Frequency Auto-Tune Center Freq 1.910000000 GHz Start Freq 1.860000000 GHz Stop Freq 1.920000000 GHz CF Step 6.00000 MHz Baud 1000000000 Hz Freq Offset 0 Hz</p> <p>Center 1.91000 GHz #Res BW 200 kHz #VSWR 620 kHz Sweep 1.367 ms (1001 pts)</p>

LTE Band 4 (Low Channel)	
CH19957 (1710.7MHz) QPSK Bandwidth 1.4MHz 1RB#0	CH19957 (1710.7MHz) QPSK Bandwidth 1.4MHz 6RB#0
<p>Center Freq 1.710000000 GHz Ref Offset 16.2 dB Ref 23.20 dBm Mkr1 1.710 000 GHz -24.484 dBm Frequency Auto-Tune Center Freq 1.710000000 GHz Start Freq 1.707000000 GHz Stop Freq 1.712000000 GHz CF Step 900.000 kHz Baud 10001 pps Freq Offset 0 Hz Center 1.710000 GHz #Res BW 15 kHz #VSWR 43 kHz* Sweep 27.53 ms (1001 pts) Span 5.000 MHz</p>	<p>Center Freq 1.710000000 GHz Ref Offset 16.2 dB Ref 23.20 dBm Mkr1 1.710 000 GHz -31.819 dBm Frequency Auto-Tune Center Freq 1.710000000 GHz Start Freq 1.707000000 GHz Stop Freq 1.712000000 GHz CF Step 900.000 kHz Baud 10001 pps Freq Offset 0 Hz Center 1.710000 GHz #Res BW 15 kHz #VSWR 43 kHz* Sweep 27.53 ms (1001 pts) Span 5.000 MHz</p>
CH19965 (1711.5MHz) QPSK Bandwidth 3MHz 1RB#0	CH19965 (1711.5MHz) QPSK Bandwidth 3MHz 15RB#0
<p>Center Freq 1.710000000 GHz Ref Offset 16.2 dB Ref 23.20 dBm Mkr1 1.710 000 GHz -17.806 dBm Frequency Auto-Tune Center Freq 1.710000000 GHz Start Freq 1.709000000 GHz Stop Freq 1.711000000 GHz CF Step 1.00000 MHz Baud 10001 pps Freq Offset 0 Hz Center 1.710000 GHz #Res BW 30 kHz #VSWR 91 kHz* Sweep 13.73 ms (1001 pts) Span 10.00 MHz</p>	<p>Center Freq 1.710000000 GHz Ref Offset 16.2 dB Ref 23.20 dBm Mkr1 1.710 000 GHz -28.437 dBm Frequency Auto-Tune Center Freq 1.710000000 GHz Start Freq 1.709000000 GHz Stop Freq 1.711000000 GHz CF Step 1.00000 MHz Baud 10001 pps Freq Offset 0 Hz Center 1.710000 GHz #Res BW 30 kHz #VSWR 91 kHz* Sweep 13.73 ms (1001 pts) Span 10.00 MHz</p>
CH19975 (1712.5MHz) QPSK Bandwidth 5MHz 1RB#0	CH19975 (1712.5MHz) QPSK Bandwidth 5MHz 25RB#0
<p>Center Freq 1.710000000 GHz Ref Offset 16.2 dB Ref 24.20 dBm Mkr1 1.710 000 GHz -16.425 dBm Frequency Auto-Tune Center Freq 1.710000000 GHz Start Freq 1.709000000 GHz Stop Freq 1.712000000 GHz CF Step 1.00000 MHz Baud 10001 pps Freq Offset 0 Hz Center 1.710000 GHz #Res BW 51 kHz #VSWR 150 kHz* Sweep 7.533 ms (1001 pts) Span 15.00 MHz</p>	<p>Center Freq 1.710000000 GHz Ref Offset 16.2 dB Ref 24.20 dBm Mkr1 1.710 000 GHz -27.416 dBm Frequency Auto-Tune Center Freq 1.710000000 GHz Start Freq 1.709000000 GHz Stop Freq 1.712000000 GHz CF Step 1.00000 MHz Baud 10001 pps Freq Offset 0 Hz Center 1.710000 GHz #Res BW 51 kHz #VSWR 150 kHz* Sweep 7.533 ms (1001 pts) Span 15.00 MHz</p>

CH20000 (1715MHz) QPSK Bandwidth 10MHz 1RB#0	CH20000 (1715MHz) QPSK Bandwidth 10MHz 50RB#0
	
CH20025 (1717.5MHz) QPSK Bandwidth 15MHz 1RB#0	CH20025 (1717.5MHz) QPSK Bandwidth 15MHz 75RB#0
	
CH20050 (1720MHz) QPSK Bandwidth 20MHz 1RB#0	CH20050 (1720MHz) QPSK Bandwidth 20MHz 100RB#0
	

<b>CH19957 (1710.7MHz) 16QAM Bandwidth 1.4MHz 1RB#0</b>	<b>CH19957 (1710.7MHz) 16QAM Bandwidth 1.4MHz 6RB#0</b>
<b>CH19965 (1711.5MHz) 16QAM Bandwidth 3MHz 1RB#0</b>	<b>CH19965 (1711.5MHz) 16QAM Bandwidth 3MHz 15RB#0</b>
<b>CH19975 (1712.5MHz) 16QAM Bandwidth 5MHz 1RB#0</b>	<b>CH19975 (1712.5MHz) 16QAM Bandwidth 5MHz 25RB#0</b>

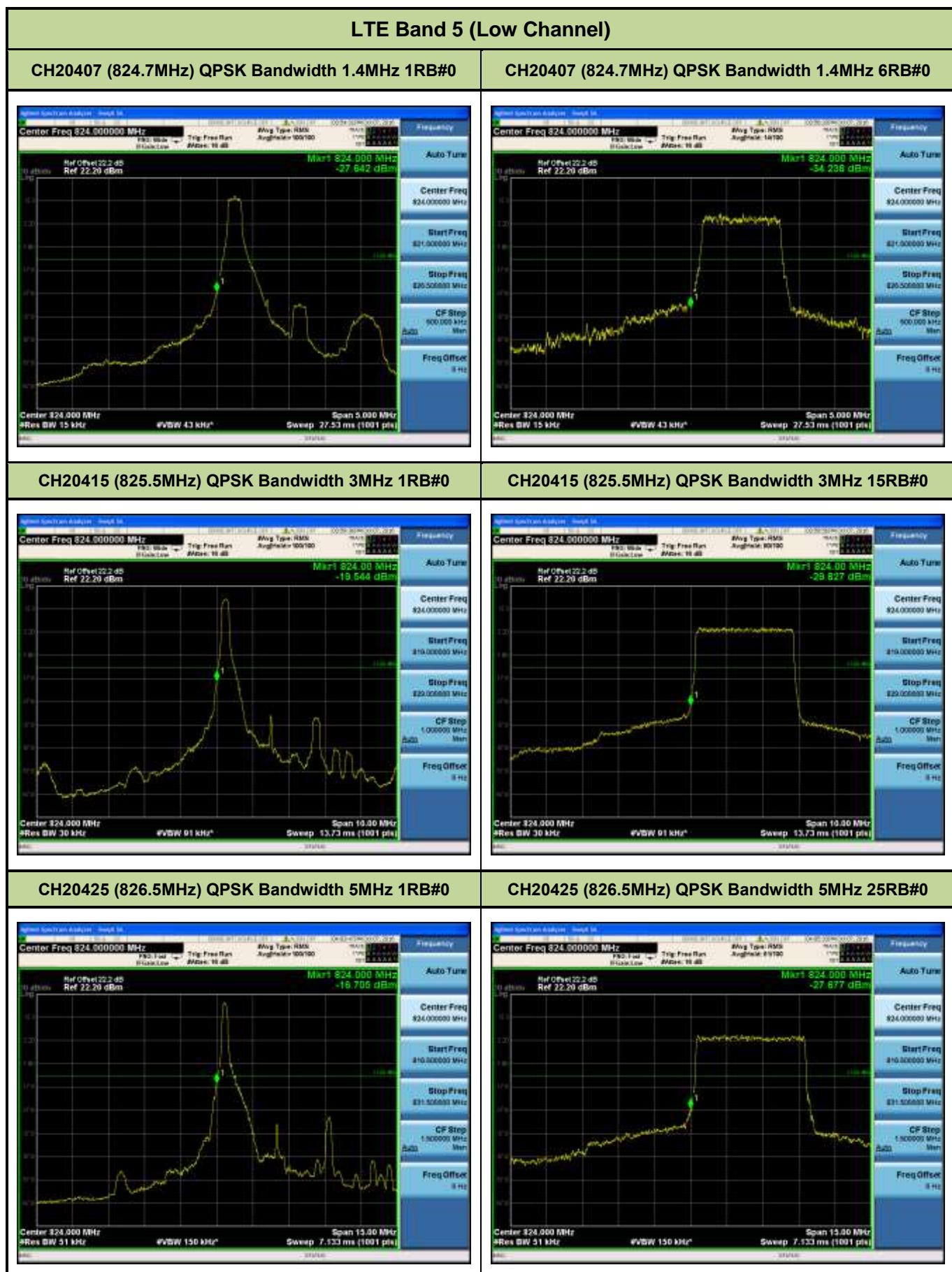
<b>CH20000 (1715MHz) 16QAM Bandwidth 10MHz 1RB#0</b>	<b>CH20000 (1715MHz) 16QAM Bandwidth 10MHz 50RB#0</b>
<p>Center Freq 1.71000000 GHz Ref Offset 16.2 dB Ref 24.20 dBm Mkr1 1.710 00 GHz -17.823 dBm</p> <p>Frequency Auto-Tune Center Freq 1.71000000 GHz Start Freq 1.69000000 GHz Stop Freq 1.72000000 GHz CF Step 3.000000 MHz Baud 1000 kHz Freq Offset 0 Hz</p> <p>Center 1.71000 GHz #Res BW 100 kHz #VSWR 300 kHz* Sweep 3.733 ms (1001 pts)</p>	<p>Center Freq 1.71000000 GHz Ref Offset 16.2 dB Ref 24.20 dBm Mkr1 1.710 00 GHz -29.769 dBm</p> <p>Frequency Auto-Tune Center Freq 1.71000000 GHz Start Freq 1.69000000 GHz Stop Freq 1.72000000 GHz CF Step 3.000000 MHz Baud 1000 kHz Freq Offset 0 Hz</p> <p>Center 1.71000 GHz #Res BW 100 kHz #VSWR 300 kHz* Sweep 3.733 ms (1001 pts)</p>
<b>CH20025 (1717.5MHz) 16QAM Bandwidth 15MHz 1RB#0</b>	<b>CH20025 (1717.5MHz) 16QAM Bandwidth 15MHz 75RB#0</b>
<p>Center Freq 1.71000000 GHz Ref Offset 16.2 dB Ref 26.20 dBm Mkr1 1.710 000 GHz -19.156 dBm</p> <p>Frequency Auto-Tune Center Freq 1.71000000 GHz Start Freq 1.69000000 GHz Stop Freq 1.73000000 GHz CF Step 4.500000 MHz Baud 1000 kHz Freq Offset 0 Hz</p> <p>Center 1.71000 GHz #Res BW 150 kHz #VSWR 430 kHz* Sweep 2.533 ms (1001 pts)</p>	<p>Center Freq 1.71000000 GHz Ref Offset 16.2 dB Ref 26.20 dBm Mkr1 1.710 000 GHz -21.482 dBm</p> <p>Frequency Auto-Tune Center Freq 1.71000000 GHz Start Freq 1.69000000 GHz Stop Freq 1.73000000 GHz CF Step 4.500000 MHz Baud 1000 kHz Freq Offset 0 Hz</p> <p>Center 1.71000 GHz #Res BW 150 kHz #VSWR 430 kHz* Sweep 2.533 ms (1001 pts)</p>
<b>CH20050 (1720MHz) 16QAM Bandwidth 20MHz 1RB#0</b>	<b>CH20050 (1720MHz) 16QAM Bandwidth 20MHz 100RB#0</b>
<p>Center Freq 1.71000000 GHz Ref Offset 16.2 dB Ref 26.20 dBm Mkr1 1.710 00 GHz -23.108 dBm</p> <p>Frequency Auto-Tune Center Freq 1.71000000 GHz Start Freq 1.69000000 GHz Stop Freq 1.74000000 GHz CF Step 6.000000 MHz Baud 1000 kHz Freq Offset 0 Hz</p> <p>Center 1.71000 GHz #Res BW 200 kHz #VSWR 620 kHz* Sweep 1.367 ms (1001 pts)</p>	<p>Center Freq 1.71000000 GHz Ref Offset 16.2 dB Ref 26.20 dBm Mkr1 1.710 00 GHz -32.036 dBm</p> <p>Frequency Auto-Tune Center Freq 1.71000000 GHz Start Freq 1.69000000 GHz Stop Freq 1.74000000 GHz CF Step 6.000000 MHz Baud 1000 kHz Freq Offset 0 Hz</p> <p>Center 1.71000 GHz #Res BW 200 kHz #VSWR 620 kHz* Sweep 1.367 ms (1001 pts)</p>

LTE Band 4 (High Channel)	
CH20393 (1754.3MHz) QPSK Bandwidth 1.4MHz 1RB#5	CH20393 (1754.3MHz) QPSK Bandwidth 1.4MHz 6RB#0
<p>Center Freq 1.75500000 GHz Ref Offset 16.2 dB Ref 25.20 dBm Mkr1 1.755 000 GHz -22.977 dBm #Res BW 15 kHz #VSW 43 kHz Sweep 27.53 ms (1001 pts) Start Freq 1.7549999 GHz Stop Freq 1.7550001 GHz CF Step 900.000 kHz Auto Freq Offset 8 Hz</p>	<p>Center Freq 1.75500000 GHz Ref Offset 16.2 dB Ref 25.20 dBm Mkr1 1.755 000 GHz -29.481 dBm #Res BW 15 kHz #VSW 43 kHz Sweep 27.53 ms (1001 pts) Start Freq 1.7550000 GHz Stop Freq 1.7550006 GHz CF Step 900.000 kHz Auto Freq Offset 8 Hz</p>
CH20385 (1753.5MHz) QPSK Bandwidth 3MHz 1RB#14	CH20385 (1753.5MHz) QPSK Bandwidth 3MHz 15RB#0
<p>Center Freq 1.75500000 GHz Ref Offset 16.2 dB Ref 25.20 dBm Mkr1 1.755 000 GHz -16.327 dBm #Res BW 30 kHz #VSW 91 kHz Sweep 13.73 ms (1001 pts) Start Freq 1.7549999 GHz Stop Freq 1.7550001 GHz CF Step 1.00000 MHz Auto Freq Offset 8 Hz</p>	<p>Center Freq 1.75500000 GHz Ref Offset 16.2 dB Ref 25.20 dBm Mkr1 1.755 000 GHz -25.818 dBm #Res BW 30 kHz #VSW 91 kHz Sweep 13.73 ms (1001 pts) Start Freq 1.7550000 GHz Stop Freq 1.7550006 GHz CF Step 1.00000 MHz Auto Freq Offset 8 Hz</p>
CH20375 (1752.5MHz) QPSK Bandwidth 5MHz 1RB#24	CH20375 (1752.5MHz) QPSK Bandwidth 5MHz 25RB#0
<p>Center Freq 1.75500000 GHz Ref Offset 16.2 dB Ref 25.20 dBm Mkr1 1.755 000 GHz -21.782 dBm #Res BW 51 kHz #VSW 150 kHz Sweep 7.533 ms (1001 pts) Start Freq 1.7549999 GHz Stop Freq 1.7550001 GHz CF Step 1.00000 MHz Auto Freq Offset 8 Hz</p>	<p>Center Freq 1.75500000 GHz Ref Offset 16.2 dB Ref 25.20 dBm Mkr1 1.755 000 GHz -23.821 dBm #Res BW 51 kHz #VSW 150 kHz Sweep 7.533 ms (1001 pts) Start Freq 1.7550000 GHz Stop Freq 1.7550006 GHz CF Step 1.00000 MHz Auto Freq Offset 8 Hz</p>

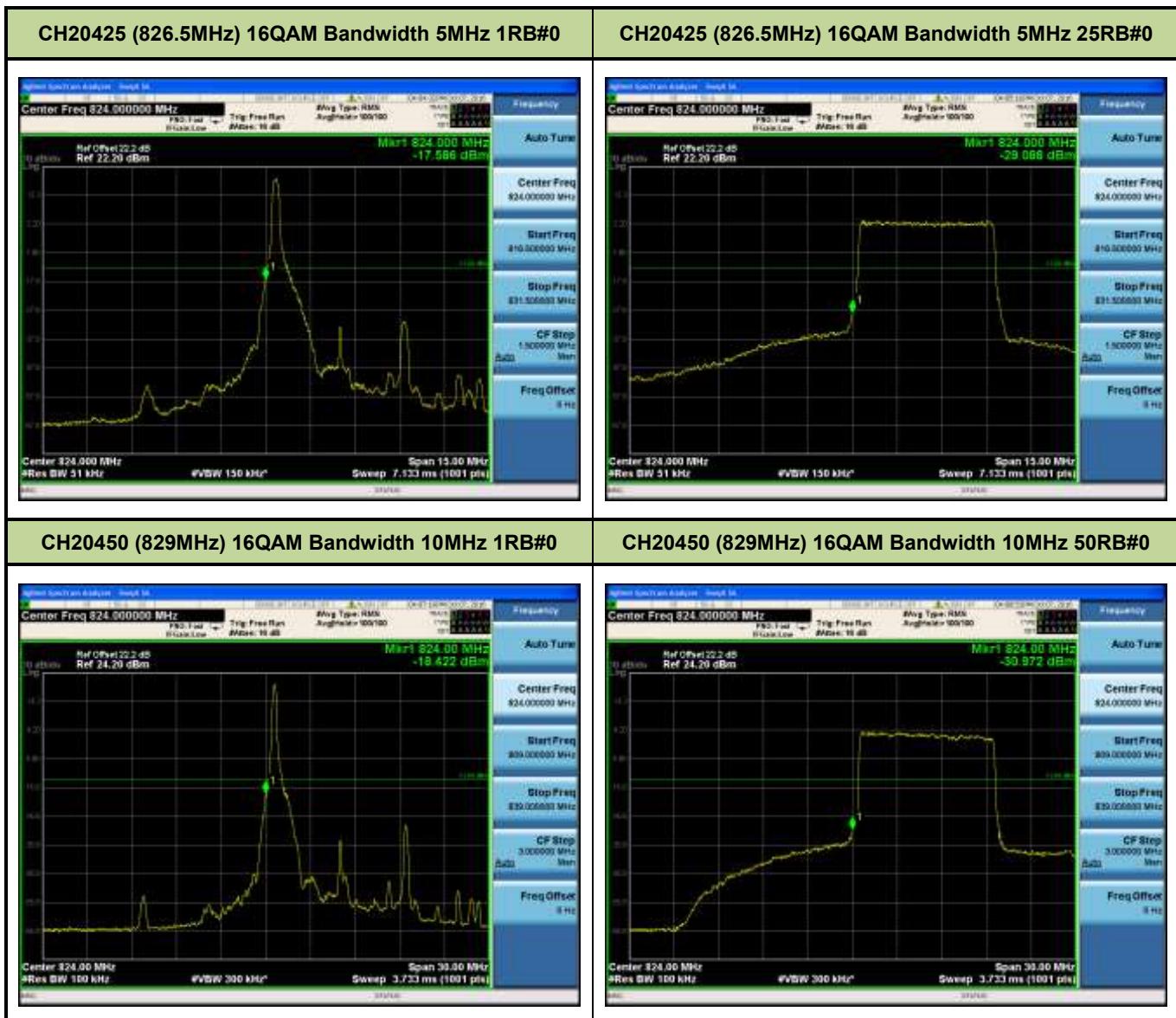
<b>CH20350 (1750MHz) QPSK Bandwidth 10MHz 1RB#49</b>	<b>CH20350 (1750MHz) QPSK Bandwidth 10MHz 50RB#0</b>
<p>Center Freq 1.755000000 GHz Ref Offset 16.2 dB Ref 26.20 dBm Mkr1 1.755 00 GHz -26.18 dBm</p> <p>Frequency Auto-Tune Center Freq 1.755000000 GHz Start Freq 1.750000000 GHz Stop Freq 1.770000000 GHz CF Step 3.00000 MHz Baud 1000 kHz Freq Offset 0 Hz</p> <p>Center 1.75500 GHz #Res BW 100 kHz #VSWR 300 kHz Sweep 3.733 ms (1001 pts)</p>	<p>Center Freq 1.755000000 GHz Ref Offset 16.2 dB Ref 26.20 dBm Mkr1 1.755 00 GHz -26.06 dBm</p> <p>Frequency Auto-Tune Center Freq 1.755000000 GHz Start Freq 1.745000000 GHz Stop Freq 1.775000000 GHz CF Step 3.00000 MHz Baud 1000 kHz Freq Offset 0 Hz</p> <p>Center 1.75500 GHz #Res BW 100 kHz #VSWR 300 kHz Sweep 3.733 ms (1001 pts)</p>
<b>CH20325 (1747.5MHz) QPSK Bandwidth 15MHz 1RB#74</b>	<b>CH20325 (1747.5MHz) QPSK Bandwidth 15MHz 75RB#0</b>
<p>Center Freq 1.755000000 GHz Ref Offset 16.2 dB Ref 26.20 dBm Mkr1 1.755 000 GHz -26.997 dBm</p> <p>Frequency Auto-Tune Center Freq 1.755000000 GHz Start Freq 1.750000000 GHz Stop Freq 1.770000000 GHz CF Step 4.50000 MHz Baud 1000 kHz Freq Offset 0 Hz</p> <p>Center 1.75500 GHz #Res BW 150 kHz #VSWR 430 kHz Sweep 2.533 ms (1001 pts)</p>	<p>Center Freq 1.755000000 GHz Ref Offset 16.2 dB Ref 26.20 dBm Mkr1 1.755 000 GHz -25.819 dBm</p> <p>Frequency Auto-Tune Center Freq 1.755000000 GHz Start Freq 1.750000000 GHz Stop Freq 1.770000000 GHz CF Step 4.50000 MHz Baud 1000 kHz Freq Offset 0 Hz</p> <p>Center 1.75500 GHz #Res BW 150 kHz #VSWR 430 kHz Sweep 2.533 ms (1001 pts)</p>
<b>CH20300 (1745MHz) QPSK Bandwidth 20MHz 1RB#99</b>	<b>CH20300 (1745MHz) QPSK Bandwidth 20MHz 100RB#0</b>
<p>Center Freq 1.755000000 GHz Ref Offset 16.2 dB Ref 26.20 dBm Mkr1 1.755 00 GHz -23.816 dBm</p> <p>Frequency Auto-Tune Center Freq 1.755000000 GHz Start Freq 1.750000000 GHz Stop Freq 1.770000000 GHz CF Step 6.00000 MHz Baud 1000 kHz Freq Offset 0 Hz</p> <p>Center 1.75500 GHz #Res BW 200 kHz #VSWR 620 kHz Sweep 1.867 ms (1001 pts)</p>	<p>Center Freq 1.755000000 GHz Ref Offset 16.2 dB Ref 26.20 dBm Mkr1 1.755 00 GHz -26.024 dBm</p> <p>Frequency Auto-Tune Center Freq 1.755000000 GHz Start Freq 1.750000000 GHz Stop Freq 1.770000000 GHz CF Step 6.00000 MHz Baud 1000 kHz Freq Offset 0 Hz</p> <p>Center 1.75500 GHz #Res BW 200 kHz #VSWR 620 kHz Sweep 1.867 ms (1001 pts)</p>

<b>CH20393 (1754.3MHz) 16QAM Bandwidth 1.4MHz 1RB#5</b>	<b>CH20393 (1754.3MHz) 16QAM Bandwidth 1.4MHz 6RB#0</b>
<p>Center Freq 1.755000000 GHz Ref Offset 16.2 dB Ref 26.20 dBm Mkr1 1.755 000 GHz -25.200 dBm</p> <p>Frequency Auto-Tune Center Freq 1.755000000 GHz Start Freq 1.754999996 GHz Stop Freq 1.755000006 GHz CF Step 900.000 kHz Auto Min Freq Offset 0 Hz</p> <p>Center 1.755000 GHz #Res BW 15 kHz #VSWR 43 kHz* Sweep 5.000 MHz (1001 pts)</p>	<p>Center Freq 1.755000000 GHz Ref Offset 16.2 dB Ref 26.20 dBm Mkr1 1.755 000 GHz -28.786 dBm</p> <p>Frequency Auto-Tune Center Freq 1.755000000 GHz Start Freq 1.754999996 GHz Stop Freq 1.755000006 GHz CF Step 900.000 kHz Auto Min Freq Offset 0 Hz</p> <p>Center 1.755000 GHz #Res BW 15 kHz #VSWR 43 kHz* Sweep 5.000 MHz (1001 pts)</p>
<b>CH20385 (1753.5MHz) 16QAM Bandwidth 3MHz 1RB#14</b>	<b>CH20385 (1753.5MHz) 16QAM Bandwidth 3MHz 15RB#0</b>
<p>Center Freq 1.755000000 GHz Ref Offset 16.2 dB Ref 26.20 dBm Mkr1 1.755 00 GHz -17.238 dBm</p> <p>Frequency Auto-Tune Center Freq 1.755000000 GHz Start Freq 1.754999996 GHz Stop Freq 1.755000006 GHz CF Step 1.00000 MHz Auto Min Freq Offset 0 Hz</p> <p>Center 1.755000 GHz #Res BW 30 kHz #VSWR 91 kHz* Sweep 10.00 MHz (1001 pts)</p>	<p>Center Freq 1.755000000 GHz Ref Offset 16.2 dB Ref 26.20 dBm Mkr1 1.755 00 GHz -27.455 dBm</p> <p>Frequency Auto-Tune Center Freq 1.755000000 GHz Start Freq 1.754999996 GHz Stop Freq 1.755000006 GHz CF Step 1.00000 MHz Auto Min Freq Offset 0 Hz</p> <p>Center 1.755000 GHz #Res BW 30 kHz #VSWR 91 kHz* Sweep 10.00 MHz (1001 pts)</p>
<b>CH20375 (1752.5MHz) 16QAM Bandwidth 5MHz 1RB#24</b>	<b>CH20375 (1752.5MHz) 16QAM Bandwidth 5MHz 25RB#0</b>
<p>Center Freq 1.755000000 GHz Ref Offset 16.2 dB Ref 26.20 dBm Mkr1 1.755 000 GHz -19.580 dBm</p> <p>Frequency Auto-Tune Center Freq 1.755000000 GHz Start Freq 1.754999996 GHz Stop Freq 1.755000006 GHz CF Step 1.00000 MHz Auto Min Freq Offset 0 Hz</p> <p>Center 1.755000 GHz #Res BW 51 kHz #VSWR 150 kHz* Sweep 15.00 MHz</p>	<p>Center Freq 1.755000000 GHz Ref Offset 16.2 dB Ref 26.20 dBm Mkr1 1.755 000 GHz -30.023 dBm</p> <p>Frequency Auto-Tune Center Freq 1.755000000 GHz Start Freq 1.754999996 GHz Stop Freq 1.755000006 GHz CF Step 1.00000 MHz Auto Min Freq Offset 0 Hz</p> <p>Center 1.755000 GHz #Res BW 51 kHz #VSWR 150 kHz* Sweep 15.00 MHz</p>

<b>CH20350 (1750MHz) 16QAM Bandwidth 10MHz 1RB#49</b>	<b>CH20350 (1750MHz) 16QAM Bandwidth 10MHz 50RB#0</b>
<p>Center Freq 1.755000000 GHz Ref Offset 16.2 dB Ref 26.20 dBm Mkr1 1.755 00 GHz -19.826 dBm</p> <p>Frequency Auto-Tune Center Freq 1.755000000 GHz Start Freq 1.750000000 GHz Stop Freq 1.770000000 GHz CF Step 3.00000 MHz Baud 10001 pps Freq Offset 0 Hz</p> <p>Center 1.75500 GHz #Res BW 100 kHz #VSWR 300 kHz Sweep 39.00 MHz Span 3.733 ms (1001 pts)</p>	<p>Center Freq 1.755000000 GHz Ref Offset 16.2 dB Ref 26.20 dBm Mkr1 1.755 00 GHz -28.455 dBm</p> <p>Frequency Auto-Tune Center Freq 1.755000000 GHz Start Freq 1.750000000 GHz Stop Freq 1.770000000 GHz CF Step 3.00000 MHz Baud 10001 pps Freq Offset 0 Hz</p> <p>Center 1.75500 GHz #Res BW 100 kHz #VSWR 300 kHz Sweep 3.733 ms (1001 pts)</p>
<b>CH20325 (1747.5MHz) 16QAM Bandwidth 15MHz 1RB#74</b>	<b>CH20325 (1747.5MHz) 16QAM Bandwidth 15MHz 75RB#0</b>
<p>Center Freq 1.755000000 GHz Ref Offset 16.2 dB Ref 26.20 dBm Mkr1 1.755 000 GHz -20.336 dBm</p> <p>Frequency Auto-Tune Center Freq 1.755000000 GHz Start Freq 1.750000000 GHz Stop Freq 1.770000000 GHz CF Step 4.50000 MHz Baud 10001 pps Freq Offset 0 Hz</p> <p>Center 1.75500 GHz #Res BW 150 kHz #VSWR 430 kHz Sweep 45.00 MHz Span 2.523 ms (1001 pts)</p>	<p>Center Freq 1.755000000 GHz Ref Offset 16.2 dB Ref 26.20 dBm Mkr1 1.755 000 GHz -27.734 dBm</p> <p>Frequency Auto-Tune Center Freq 1.755000000 GHz Start Freq 1.750000000 GHz Stop Freq 1.770000000 GHz CF Step 4.50000 MHz Baud 10001 pps Freq Offset 0 Hz</p> <p>Center 1.75500 GHz #Res BW 150 kHz #VSWR 430 kHz Sweep 45.00 MHz Span 2.523 ms (1001 pts)</p>
<b>CH20300 (1745MHz) 16QAM Bandwidth 20MHz 1RB#99</b>	<b>CH20300 (1745MHz) 16QAM Bandwidth 20MHz 100RB#0</b>
<p>Center Freq 1.755000000 GHz Ref Offset 16.2 dB Ref 26.20 dBm Mkr1 1.755 00 GHz -31.579 dBm</p> <p>Frequency Auto-Tune Center Freq 1.755000000 GHz Start Freq 1.750000000 GHz Stop Freq 1.770000000 GHz CF Step 6.00000 MHz Baud 10001 pps Freq Offset 0 Hz</p> <p>Center 1.75500 GHz #Res BW 200 kHz #VSWR 620 kHz Sweep 69.00 MHz Span 1.367 ms (1001 pts)</p>	<p>Center Freq 1.755000000 GHz Ref Offset 16.2 dB Ref 26.20 dBm Mkr1 1.755 00 GHz -28.387 dBm</p> <p>Frequency Auto-Tune Center Freq 1.755000000 GHz Start Freq 1.750000000 GHz Stop Freq 1.770000000 GHz CF Step 6.00000 MHz Baud 10001 pps Freq Offset 0 Hz</p> <p>Center 1.75500 GHz #Res BW 200 kHz #VSWR 620 kHz Sweep 69.00 MHz Span 1.367 ms (1001 pts)</p>



CH20450 (829MHz) QPSK Bandwidth 10MHz 1RB#0	CH20450 (829MHz) QPSK Bandwidth 10MHz 50RB#0
<p>Center Freq 824.000000 MHz Ref Offset 22.2 dB Ref 22.20 dBm #VSW 300 kHz* Span 39.00 MHz Sweep 3.733 ms (1001 pts)</p>	<p>Center Freq 824.000000 MHz Ref Offset 22.2 dB Ref 22.20 dBm #VSW 300 kHz* Span 39.00 MHz Sweep 3.733 ms (1001 pts)</p>
CH20407 (824.7MHz) 16QAM Bandwidth 1.4MHz 1RB#0	CH20407 (824.7MHz) 16QAM Bandwidth 1.4MHz 6RB#0
<p>Center Freq 824.000000 MHz Ref Offset 22.2 dB Ref 22.20 dBm #VSW 43 kHz* Span 5.000 MHz Sweep 27.53 ms (1001 pts)</p>	<p>Center Freq 824.000000 MHz Ref Offset 22.2 dB Ref 22.20 dBm #VSW 43 kHz* Span 5.000 MHz Sweep 27.53 ms (1001 pts)</p>
CH20415 (825.5MHz) 16QAM Bandwidth 3MHz 1RB#0	CH20415 (825.5MHz) 16QAM Bandwidth 3MHz 15RB#0
<p>Center Freq 824.000000 MHz Ref Offset 22.2 dB Ref 22.20 dBm #VSW 91 kHz* Span 10.00 MHz Sweep 13.73 ms (1001 pts)</p>	<p>Center Freq 824.000000 MHz Ref Offset 22.2 dB Ref 22.20 dBm #VSW 91 kHz* Span 10.00 MHz Sweep 13.73 ms (1001 pts)</p>



LTE Band 5 (High Channel)	
CH20643 (848.3MHz) QPSK Bandwidth 1.4MHz 1RB#5	CH20643 (848.3MHz) QPSK Bandwidth 1.4MHz 6RB#0
<p>Center Freq 848.000000 MHz Ref Offset 22.2 dB Ref 24.20 dBm Max1 848.000 MHz -27.800 dBm Center 848.000 MHz #Res BW 15 kHz #VSWR 43 kHz* Sweep 27.53 ms (1001 pts) Span 5.000 MHz</p>	<p>Center Freq 848.000000 MHz Ref Offset 22.2 dB Ref 24.20 dBm Max1 848.000 MHz -35.551 dBm Center 848.000 MHz #Res BW 15 kHz #VSWR 43 kHz* Sweep 27.53 ms (1001 pts) Span 5.000 MHz</p>
CH20635 (847.5MHz) QPSK Bandwidth 3MHz 1RB#14	CH20635 (847.5MHz) QPSK Bandwidth 3MHz 15RB#0
<p>Center Freq 847.500000 MHz Ref Offset 22.2 dB Ref 24.20 dBm Max1 847.500 MHz -18.552 dBm Center 847.500 MHz #Res BW 30 kHz #VSWR 91 kHz* Sweep 13.73 ms (1001 pts) Span 10.00 MHz</p>	<p>Center Freq 847.500000 MHz Ref Offset 22.2 dB Ref 24.20 dBm Max1 847.500 MHz -31.736 dBm Center 847.500 MHz #Res BW 30 kHz #VSWR 91 kHz* Sweep 13.73 ms (1001 pts) Span 10.00 MHz</p>
CH20625 (846.5MHz) QPSK Bandwidth 5MHz 1RB#24	CH20625 (846.5MHz) QPSK Bandwidth 5MHz 25RB#0
<p>Center Freq 846.500000 MHz Ref Offset 22.2 dB Ref 24.20 dBm Max1 846.500 MHz -16.372 dBm Center 846.500 MHz #Res BW 51 kHz #VSWR 150 kHz* Sweep 7.533 ms (1001 pts) Span 15.00 MHz</p>	<p>Center Freq 846.500000 MHz Ref Offset 22.2 dB Ref 24.20 dBm Max1 846.500 MHz -29.280 dBm Center 846.500 MHz #Res BW 51 kHz #VSWR 150 kHz* Sweep 7.533 ms (1001 pts) Span 15.00 MHz</p>

CH20600 (844MHz) QPSK Bandwidth 10MHz 1RB#49	CH20600 (844MHz) QPSK Bandwidth 10MHz 50RB#0
CH20643 (848.3MHz) 16QAM Bandwidth 1.4MHz 1RB#5	CH20643 (848.3MHz) 16QAM Bandwidth 1.4MHz 6RB#0
CH20635 (847.5MHz) 16QAM Bandwidth 3MHz 1RB#14	CH20635 (847.5MHz) 16QAM Bandwidth 3MHz 15RB#0

