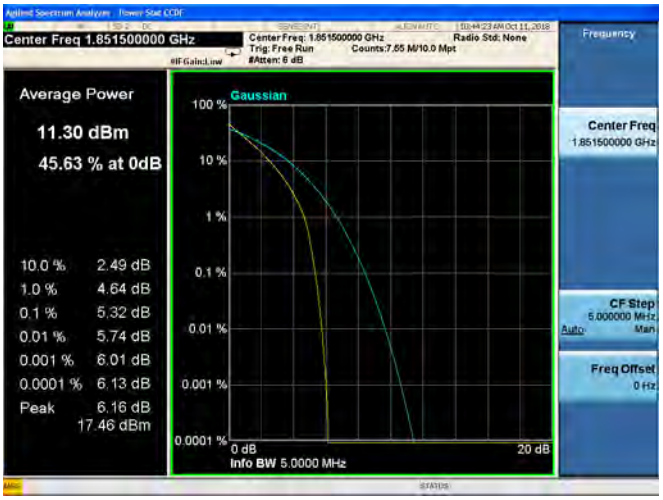
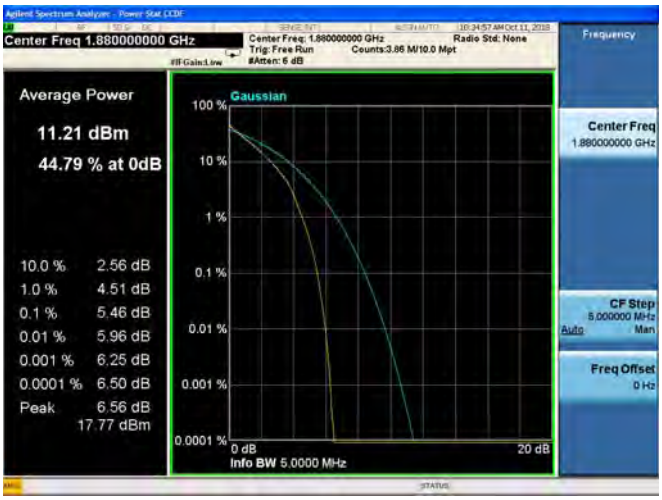
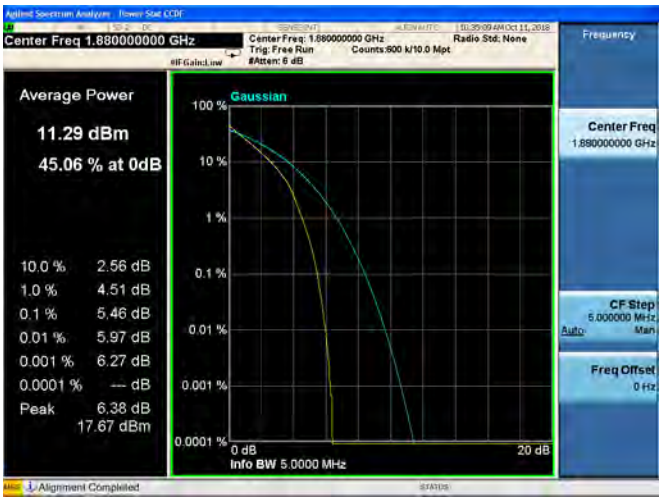
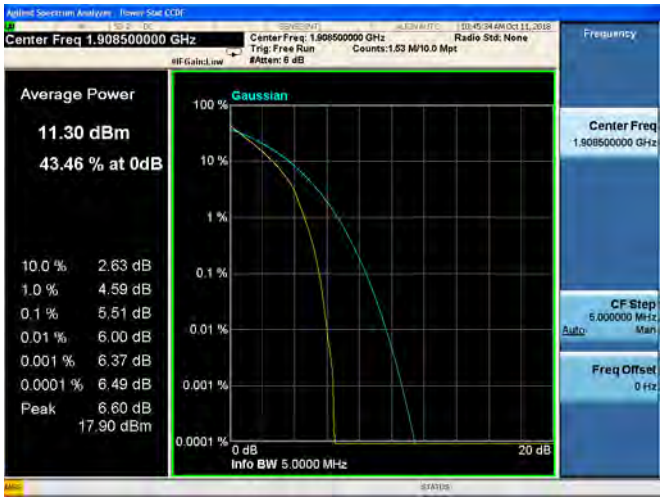
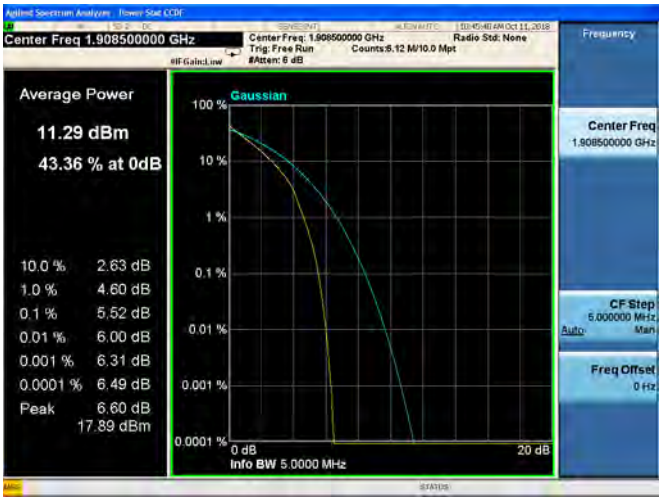
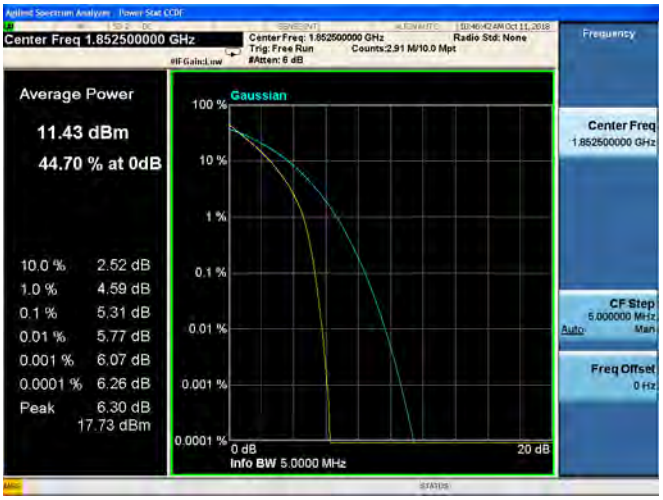
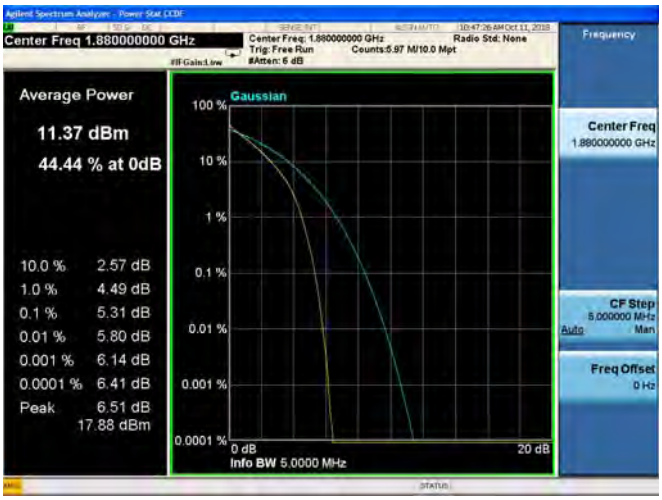
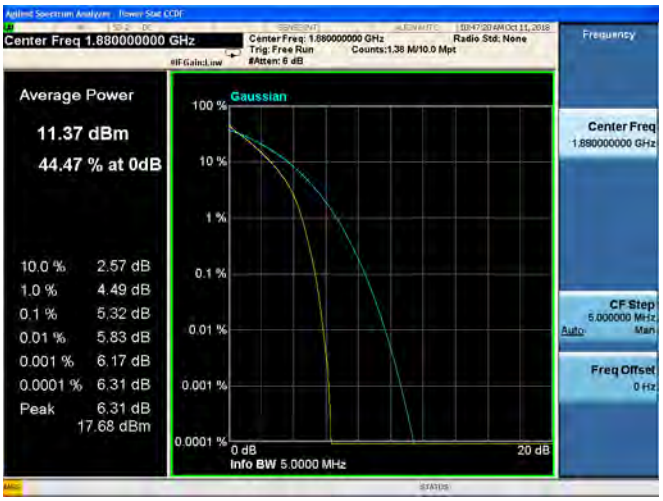
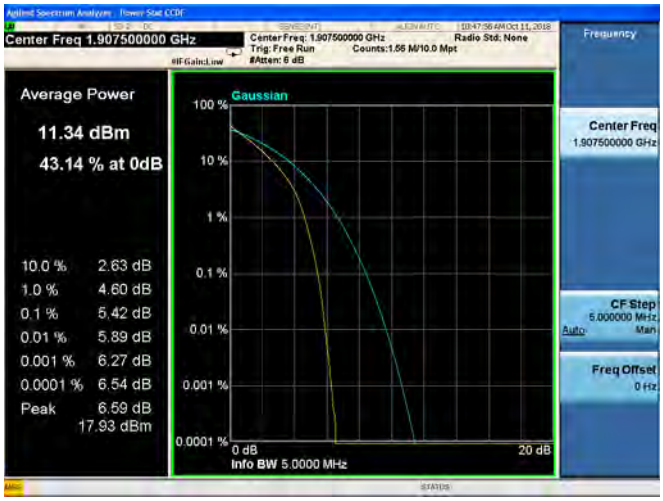
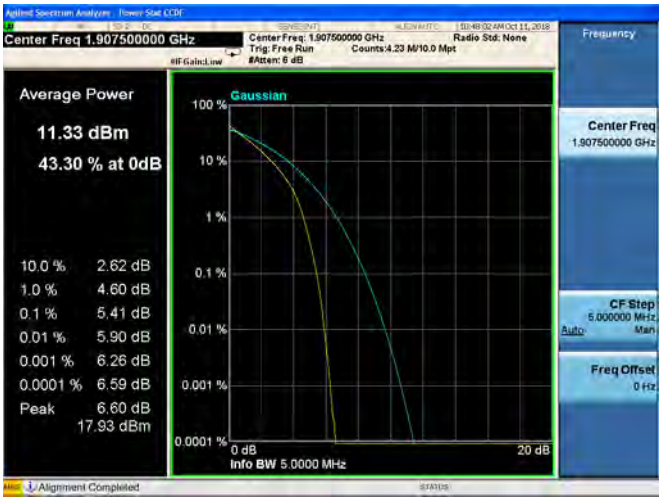
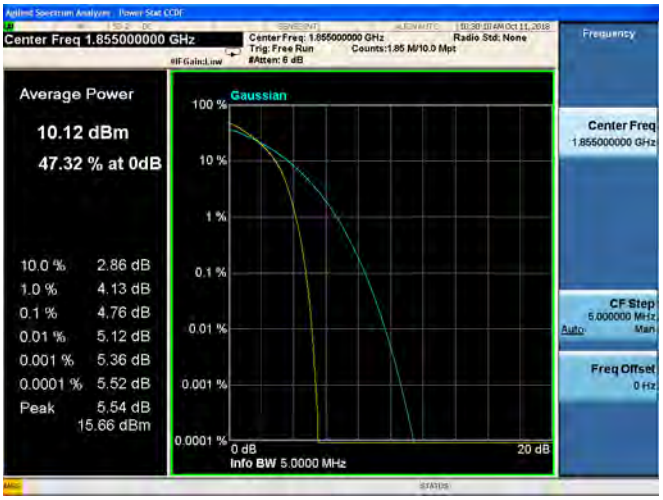
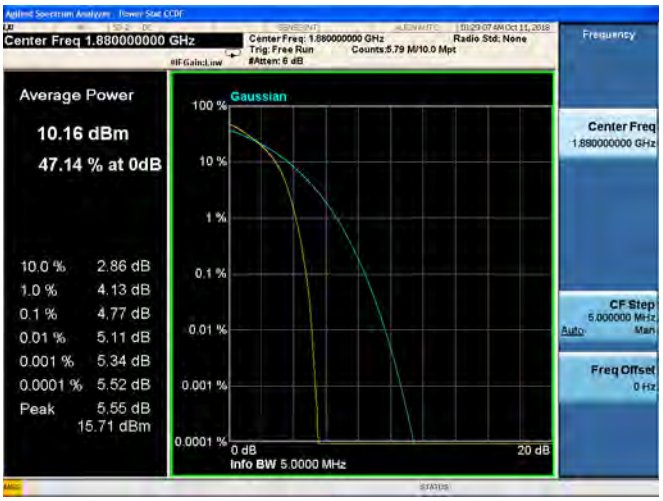
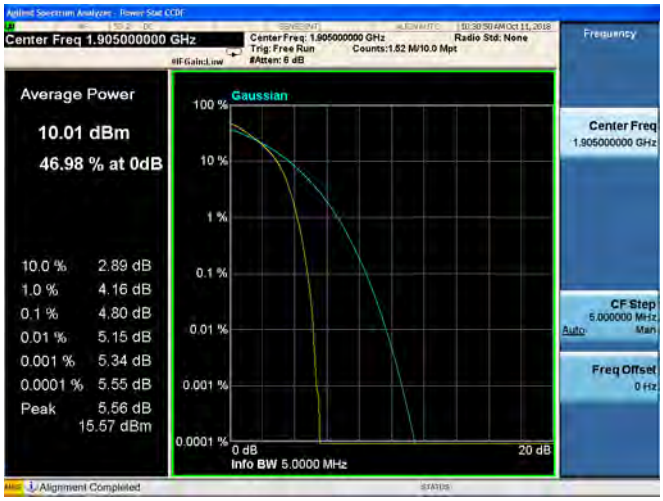
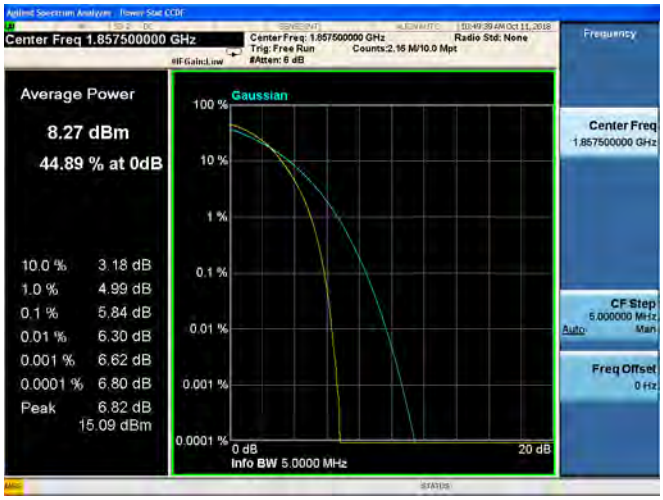
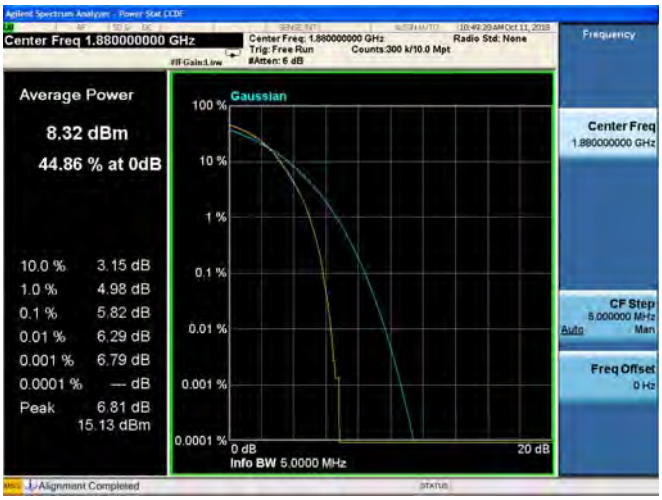
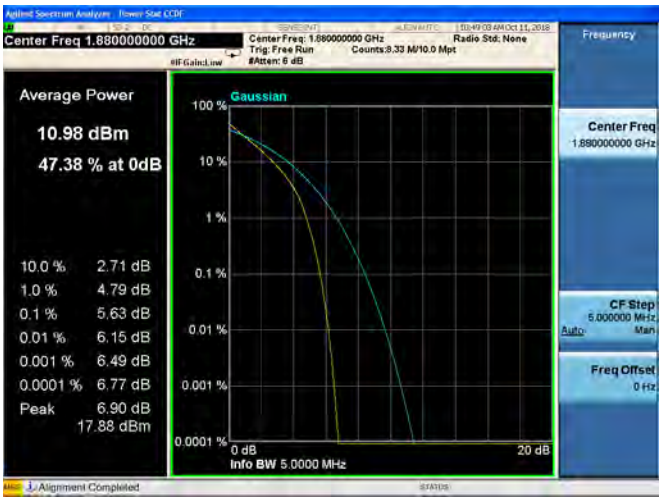
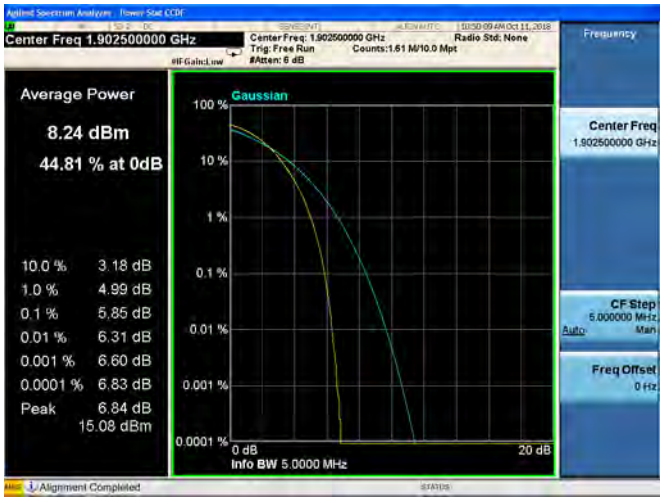
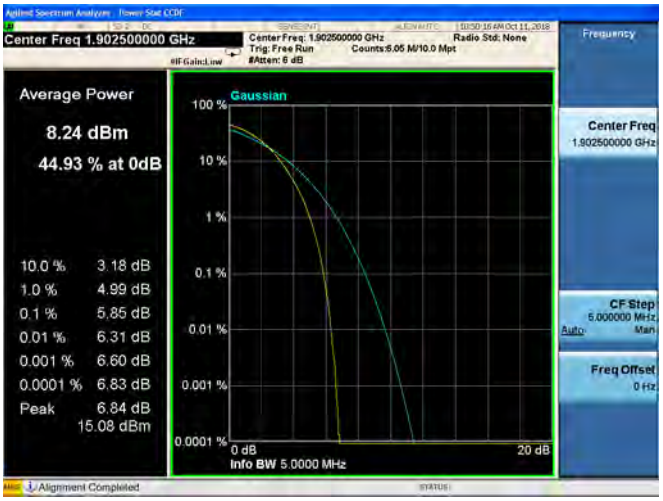
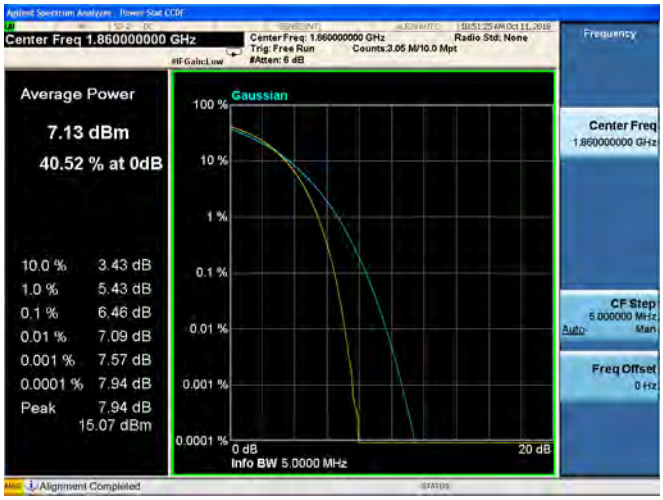
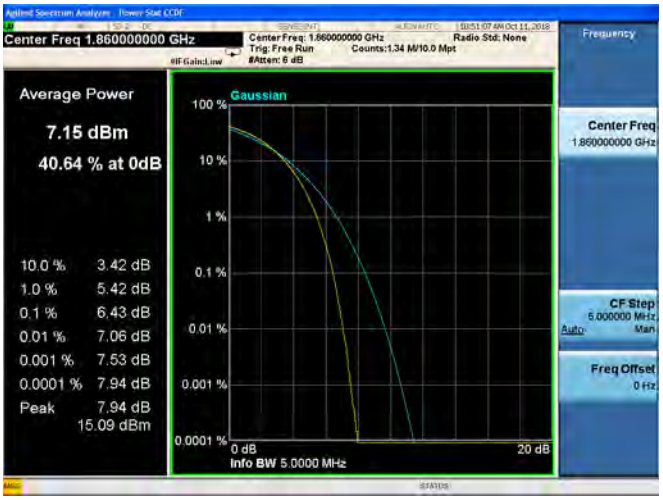
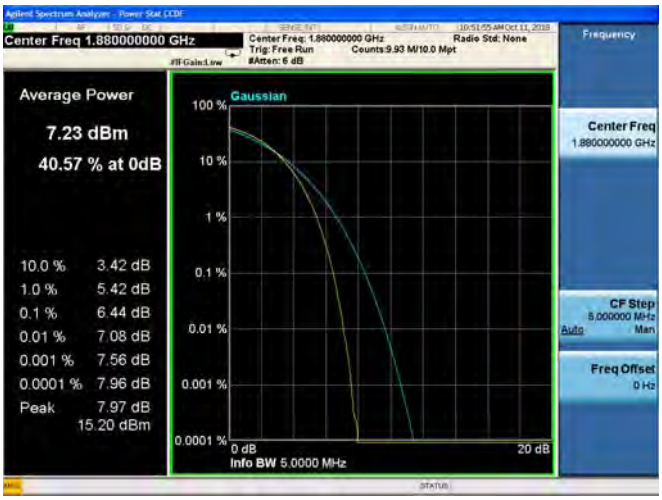
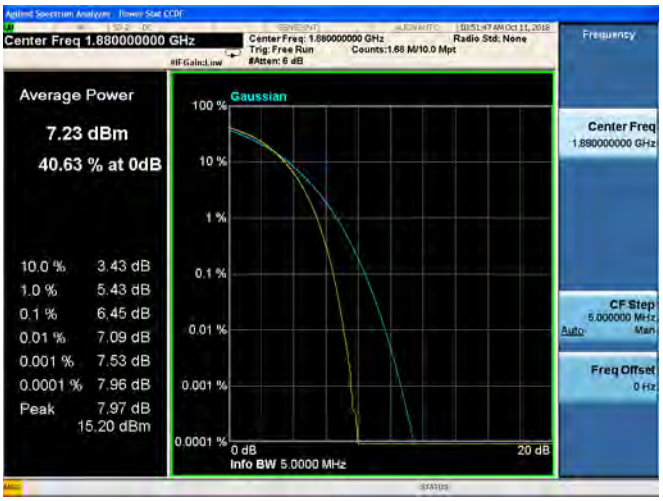
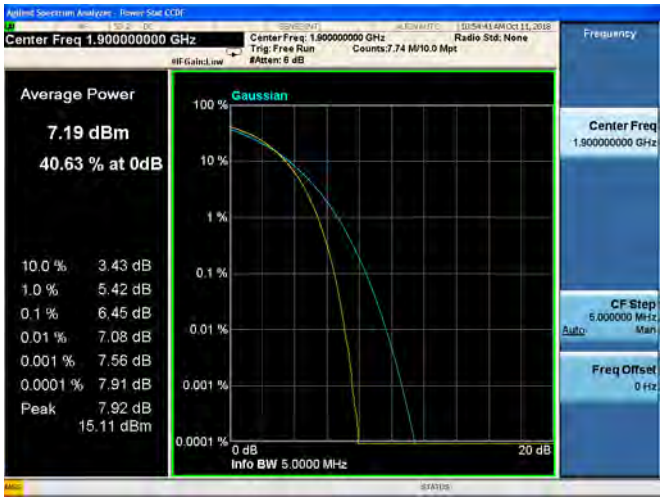
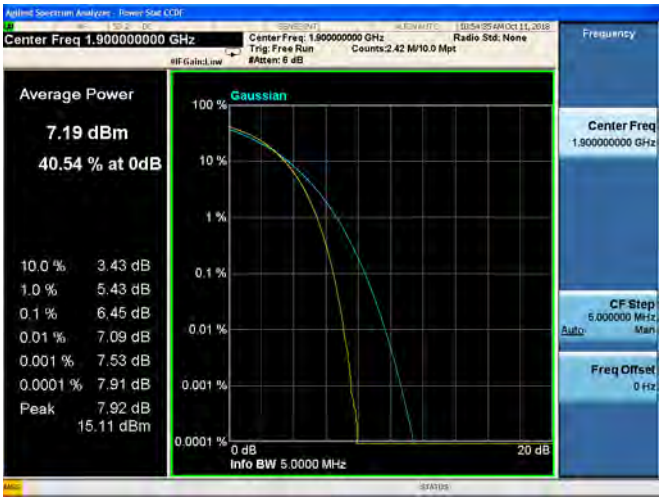
3MHz/QPSK/Low CH	3MHz/16QAM/Low CH
	
3MHz/QPSK/Mid CH	**3MHz/16QAM/Mid CH**
	
3MHz/QPSK/High CH	**3MHz/16QAM/High CH**
	

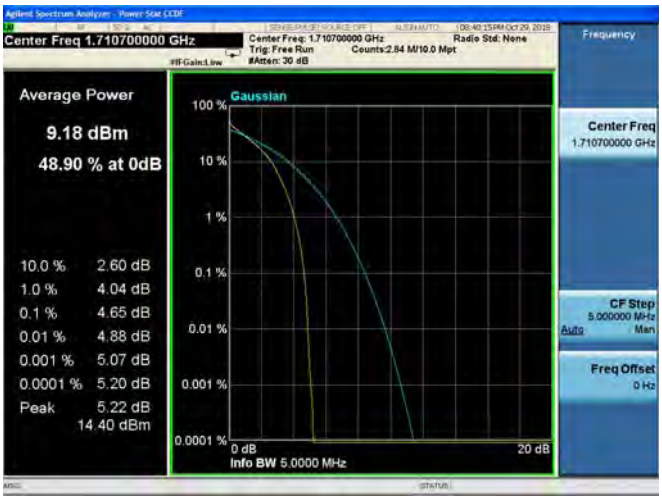
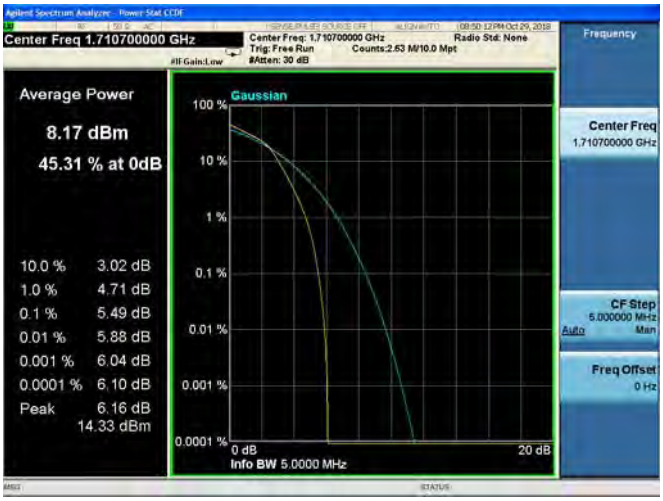
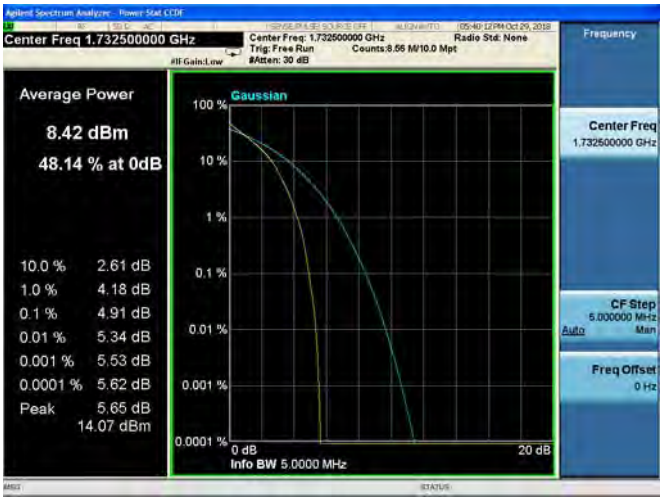
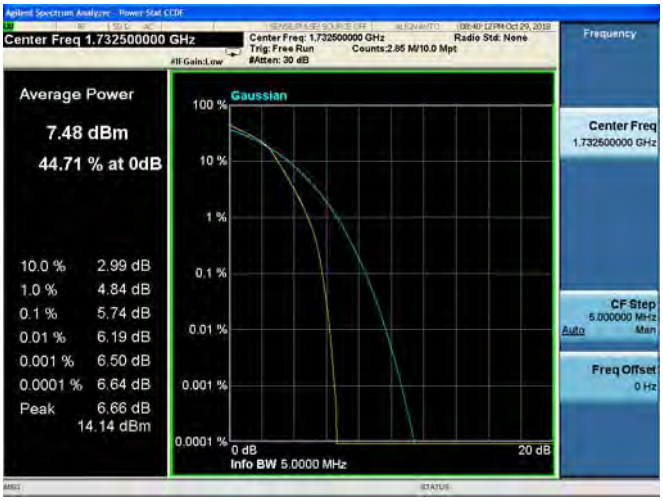
5MHz/QPSK/Low CH	5MHz/16QAM/Low CH
	
5MHz/QPSK/Mid CH	**5MHz/16QAM/Mid CH**
	
5MHz/QPSK/High CH	**5MHz/16QAM/High CH**
	

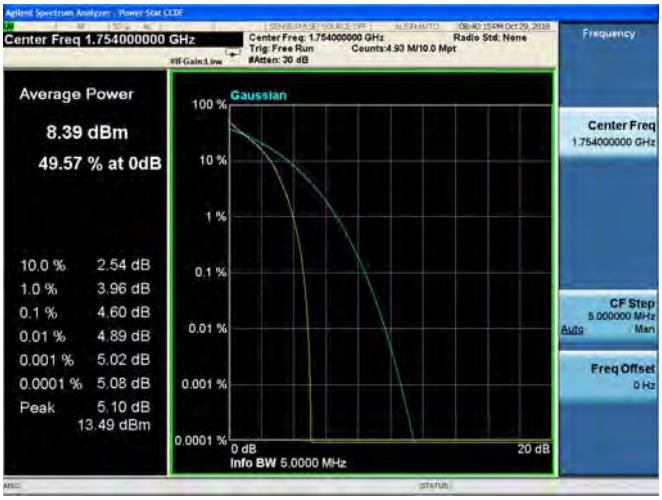
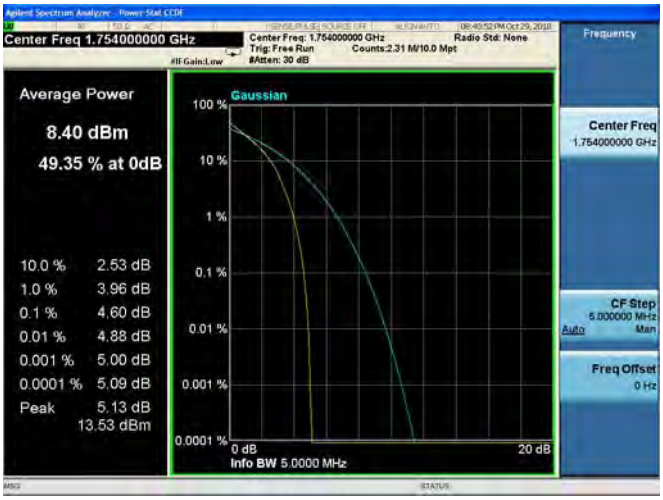
10MHz/QPSK/Low CH	10MHz/16QAM/Low CH
	
10MHz/QPSK/Mid CH	**10MHz/16QAM/Mid CH**
	
10MHz/QPSK/High CH	**10MHz/16QAM/High CH**
	

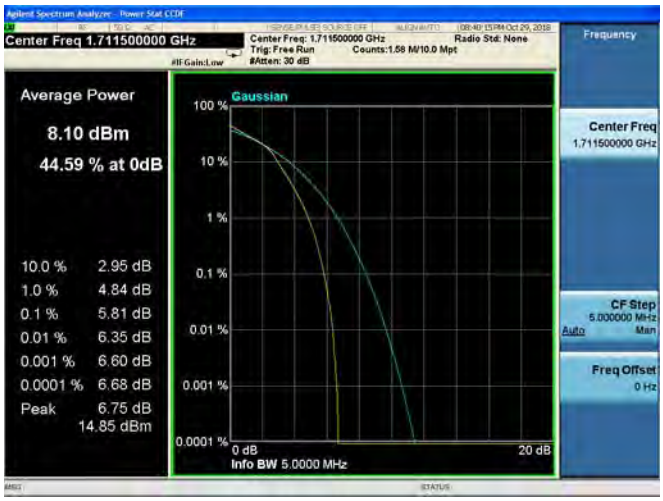
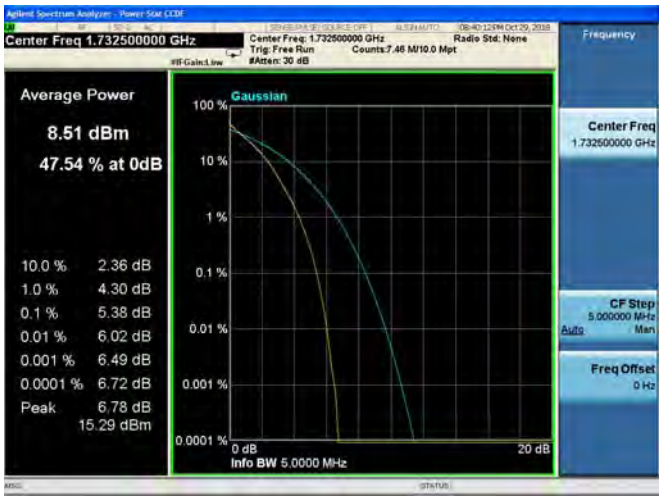
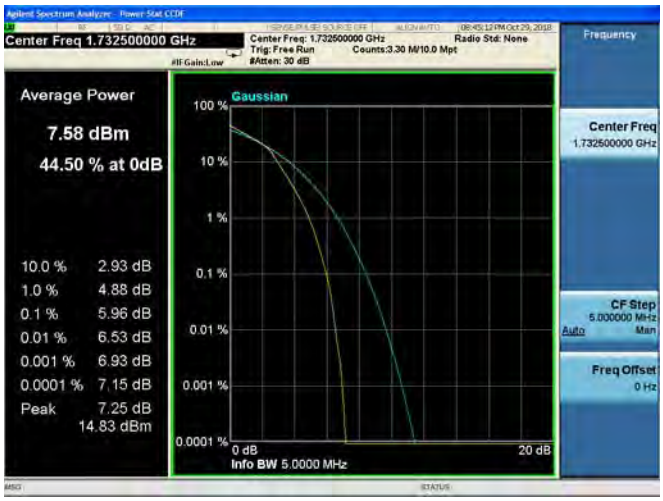
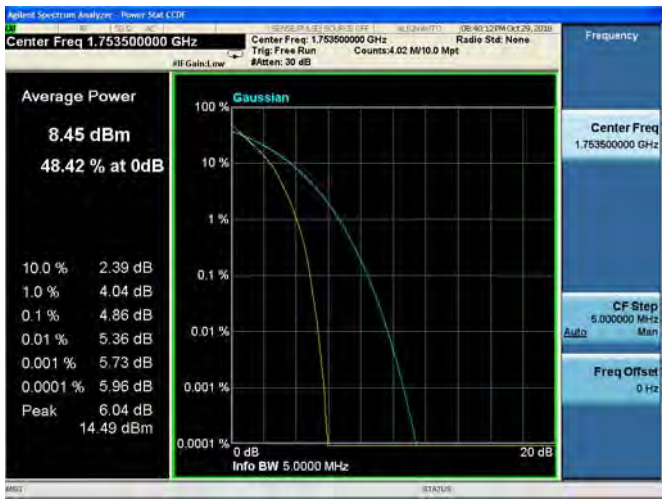
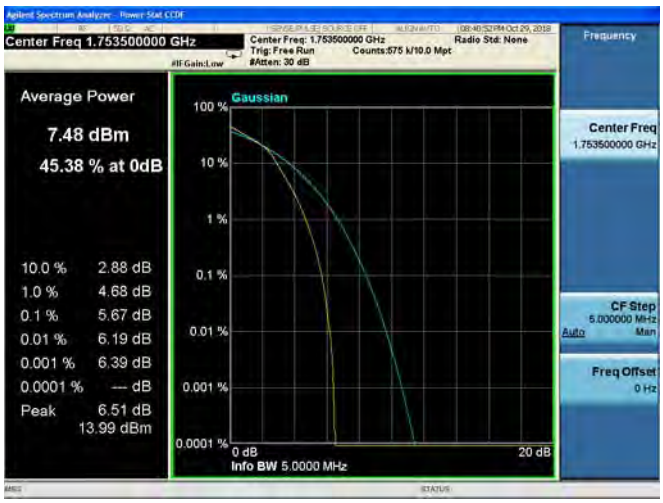
15MHz/QPSK/Low CH	15MHz/16QAM/Low CH
	
15MHz/QPSK/Mid CH	**15MHz/16QAM/Mid CH**
	
15MHz/QPSK/High CH	**15MHz/16QAM/High CH**
	

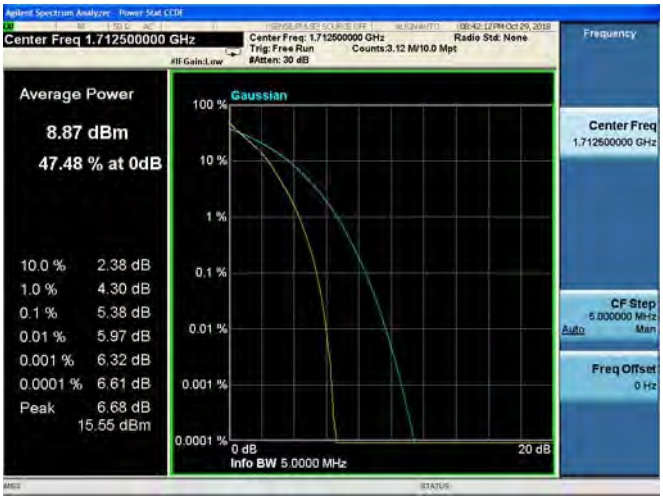
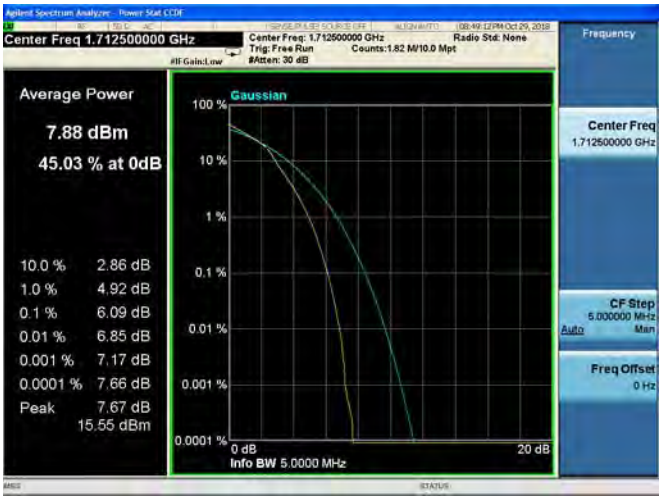
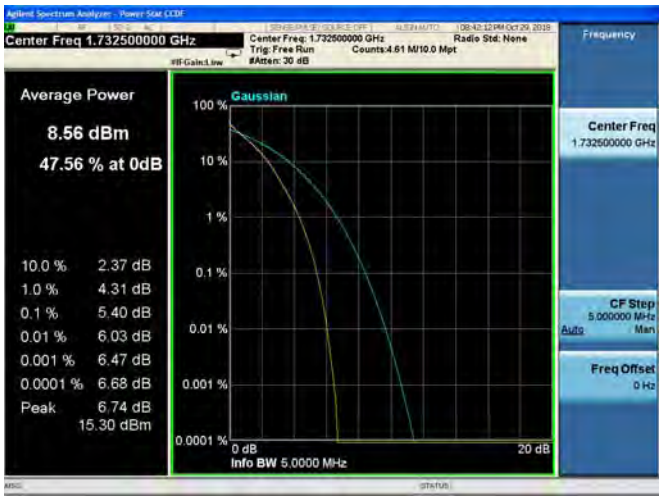
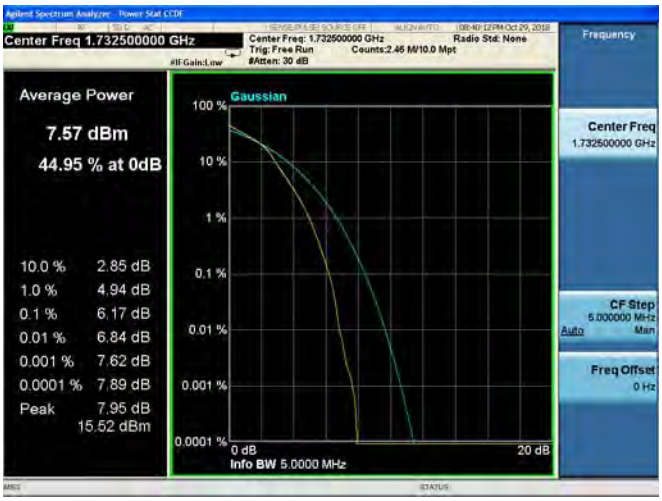
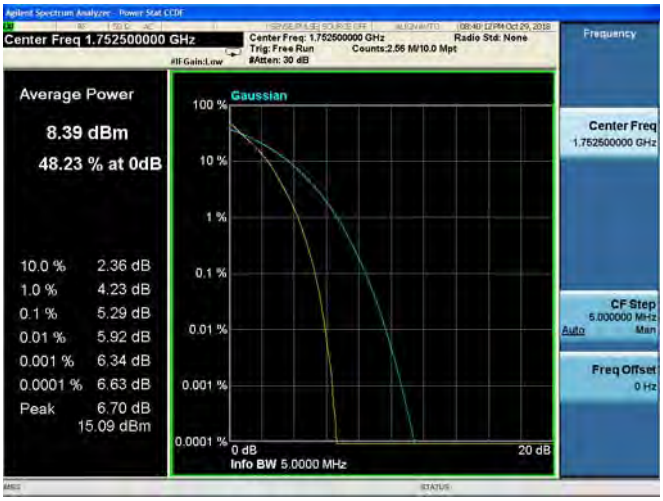
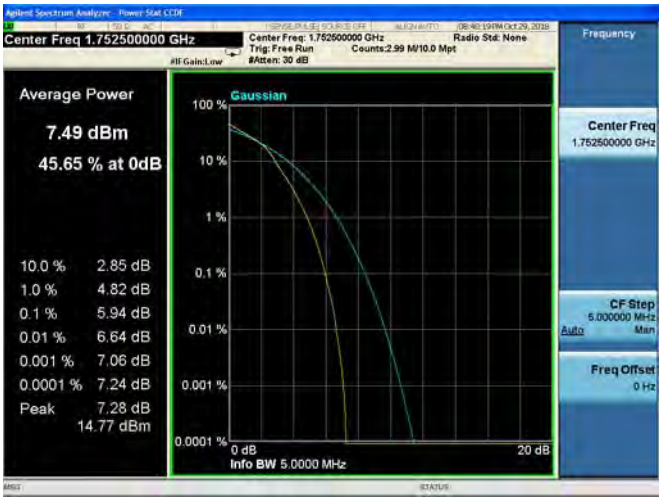
20MHz/QPSK/Low CH	20MHz/16QAM/Low CH
	
20MHz/QPSK/Mid CH	**20MHz/16QAM/Mid CH**
	
20MHz/QPSK/High CH	**20MHz/16QAM/High CH**
	

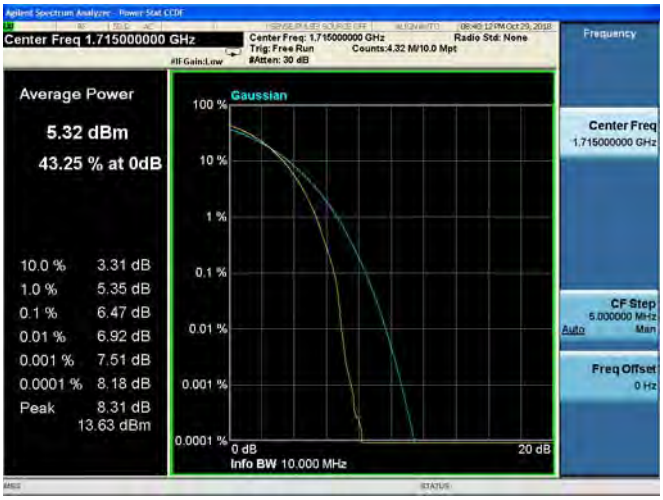
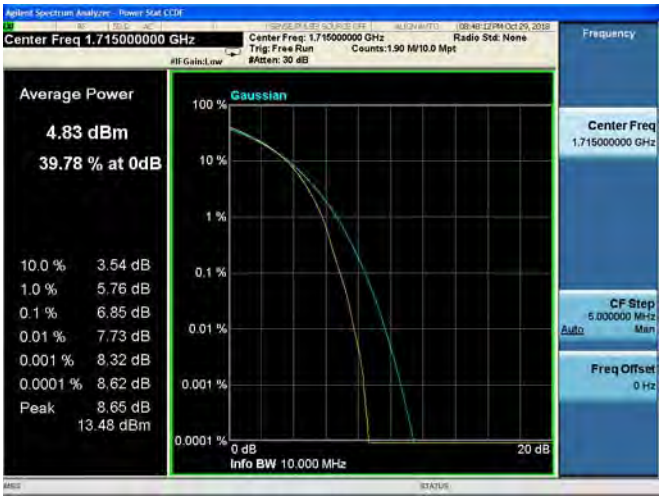
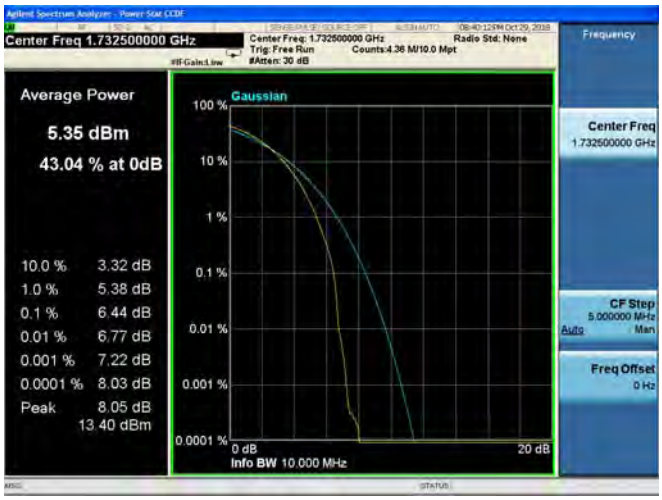
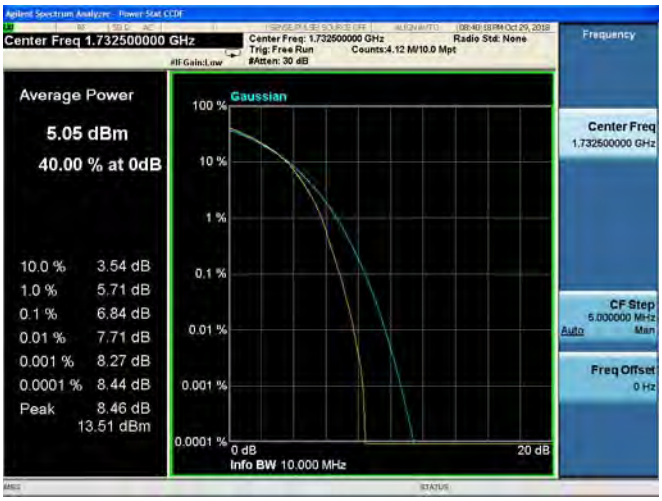
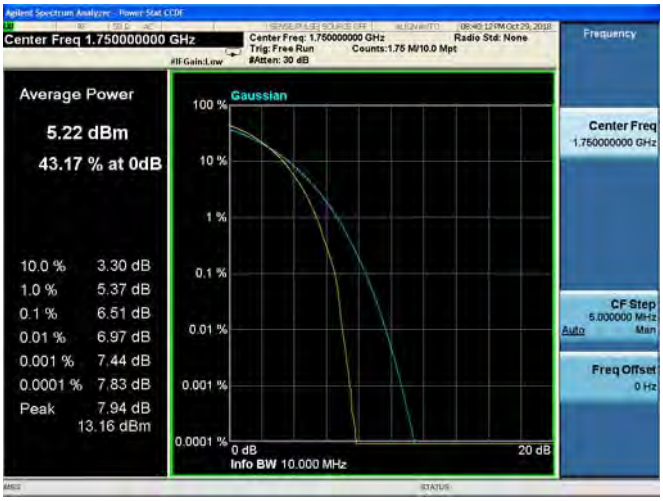
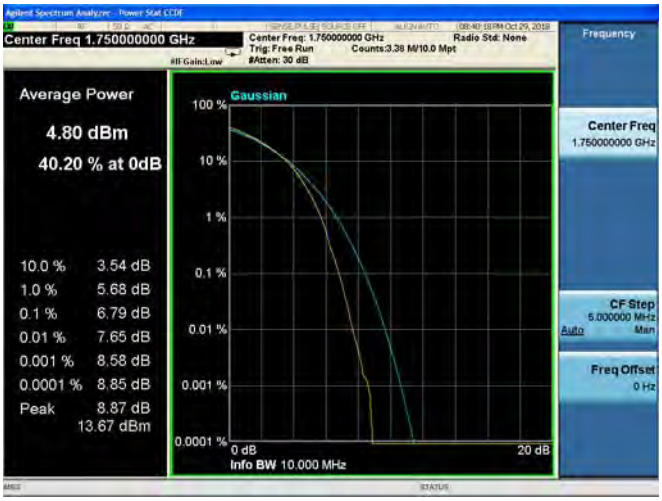
LTE Band 4, BW: 1.4MHz			
Channel	Frequency (MHz)	Peak to Average Radio(dB)	
		QPSK	16QAM
18607	1850.7	4.65	5.49
18900	1880.0	4.91	5.74
19192	1909.2	4.60	4.60
LTE Band 4, BW: 3MHz			
Channel	Frequency (MHz)	Peak to Average Radio(dB)	
		QPSK	16QAM
18615	1851.5	4.94	5.81
18900	1880.0	5.38	5.96
19184	1908.4	4.86	5.67
LTE Band 4, BW: 5MHz			
Channel	Frequency (MHz)	Peak to Average Radio(dB)	
		QPSK	16QAM
18625	1852.5	5.38	6.09
18900	1880.0	5.40	6.17
19175	1907.5	5.29	5.94
LTE Band 4, BW: 10MHz			
Channel	Frequency (MHz)	Peak to Average Radio(dB)	
		QPSK	16QAM
18650	1855.0	6.47	6.85
18900	1880.0	6.44	6.84
19150	1905.0	6.51	6.79
LTE Band 4, BW: 15MHz			
Channel	Frequency (MHz)	Peak to Average Radio(dB)	
		QPSK	16QAM
18675	1857.5	6.70	6.81
18900	1880.0	7.22	7.27
19125	1902.5	7.25	7.26
LTE Band 4, BW: 20MHz			
Channel	Frequency (MHz)	Peak to Average Radio(dB)	
		QPSK	16QAM
18700	1860.0	7.13	7.25
18900	1880.0	7.56	7.58
19100	1900.0	7.53	7.55

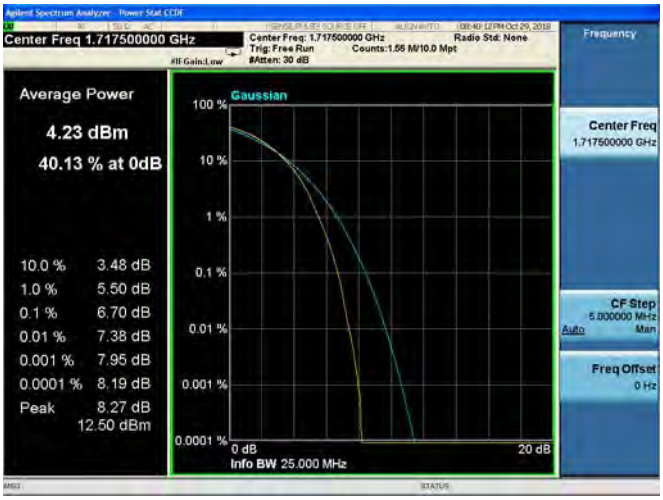
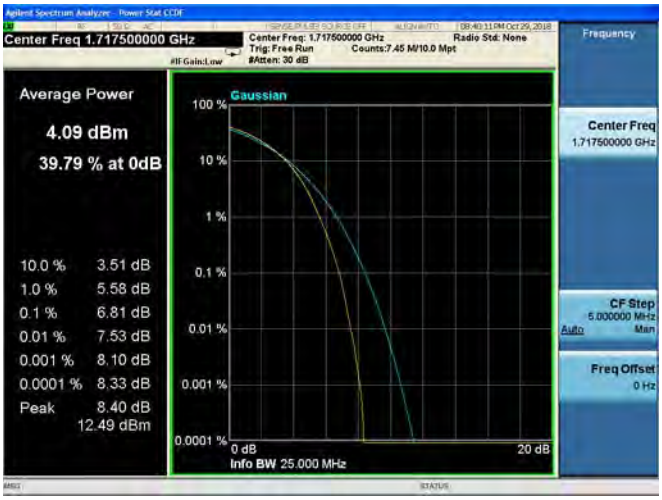
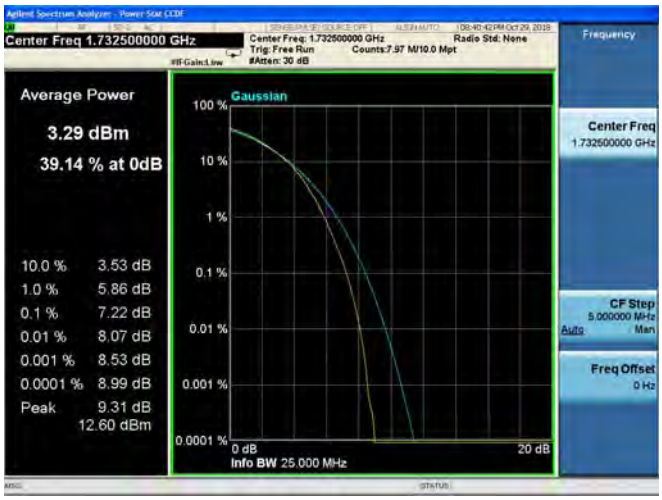
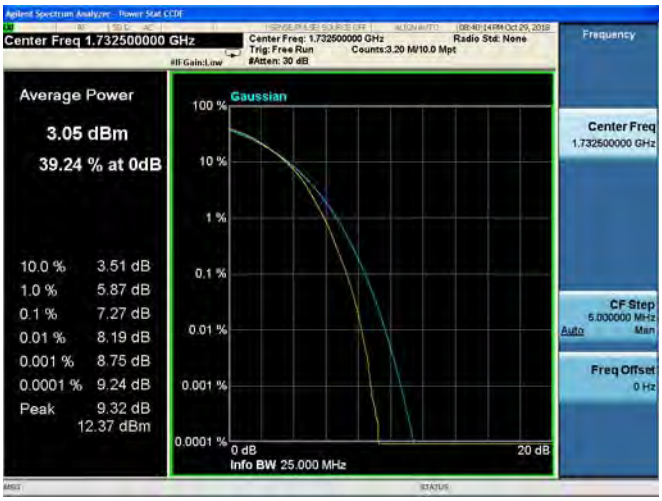
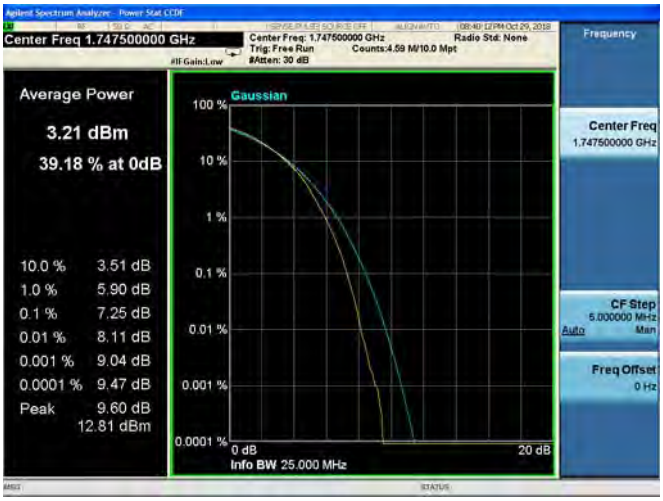
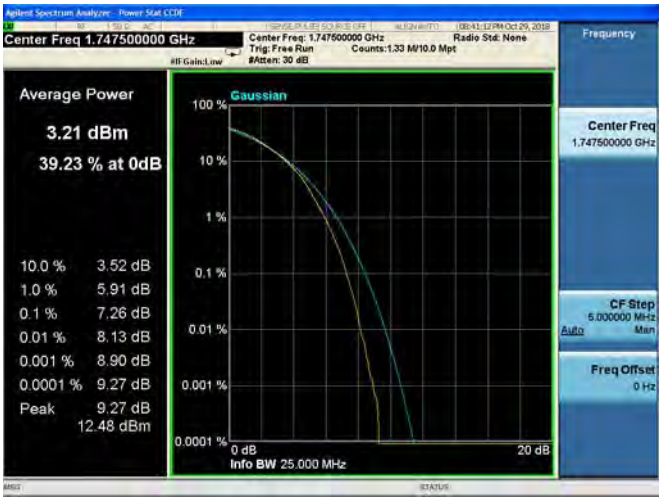
LTE Band 4 Peak to Average Radio	
1.4MHz/QPSK/Low CH	**1.4MHz/16QAM/Low CH**
	
1.4MHz/QPSK/Mid CH	**1.4MHz/16QAM/Mid CH**
	

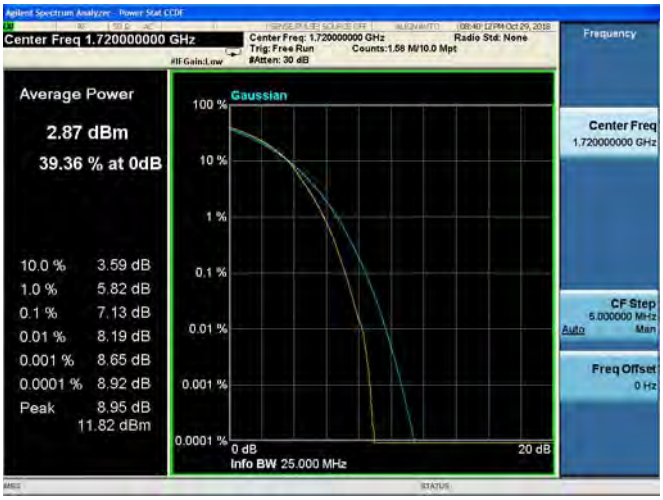
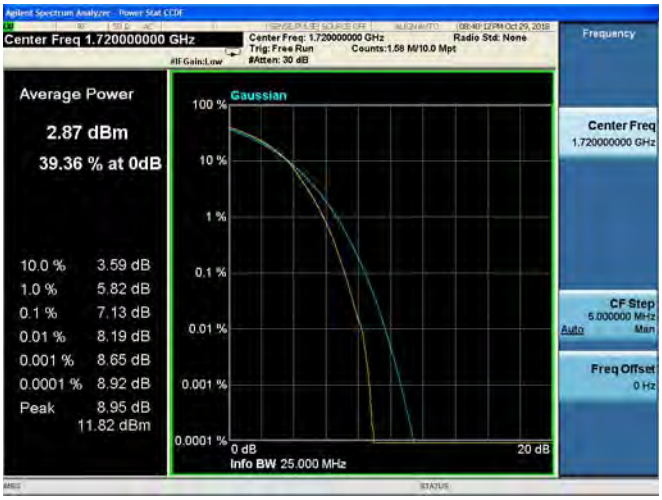
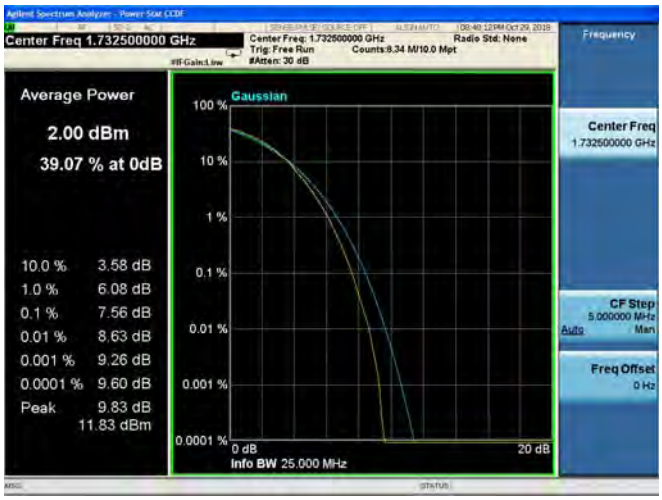
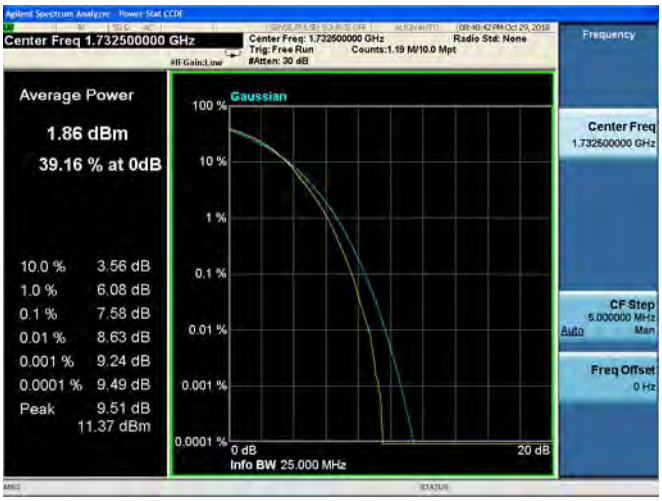
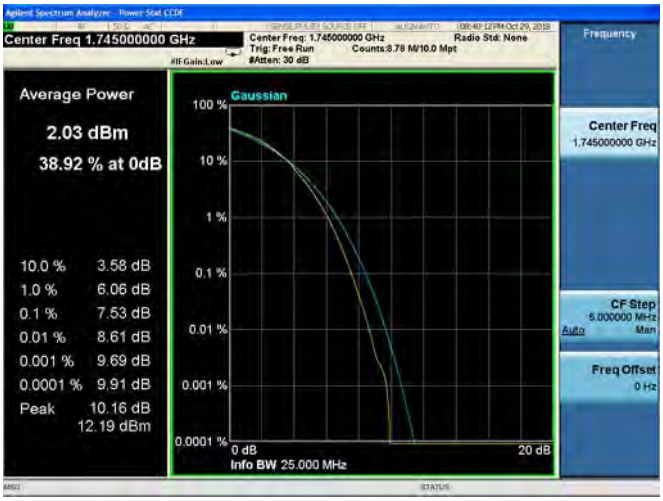
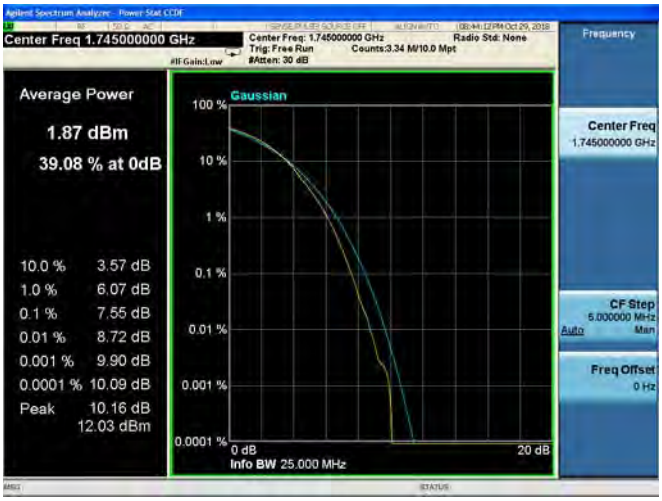
1.4MHz/QPSK/High CH	1.4MHz/16QAM/High CH
	

3MHz/QPSK/Low CH	3MHz/16QAM/Low CH
	
3MHz/QPSK/Mid CH	**3MHz/16QAM/Mid CH**
	
3MHz/QPSK/High CH	**3MHz/16QAM/High CH**
	

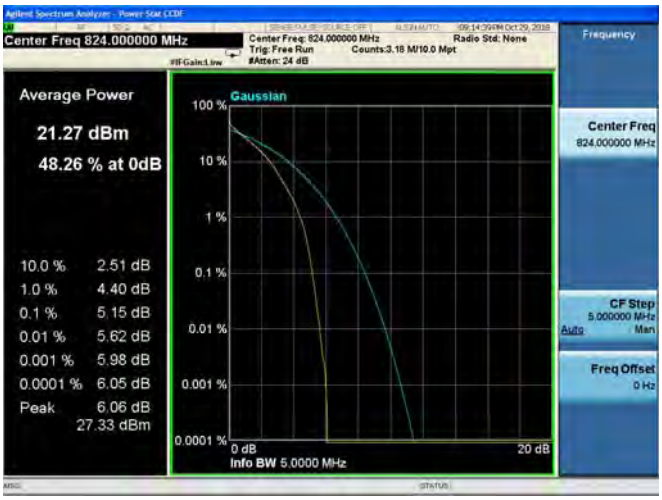
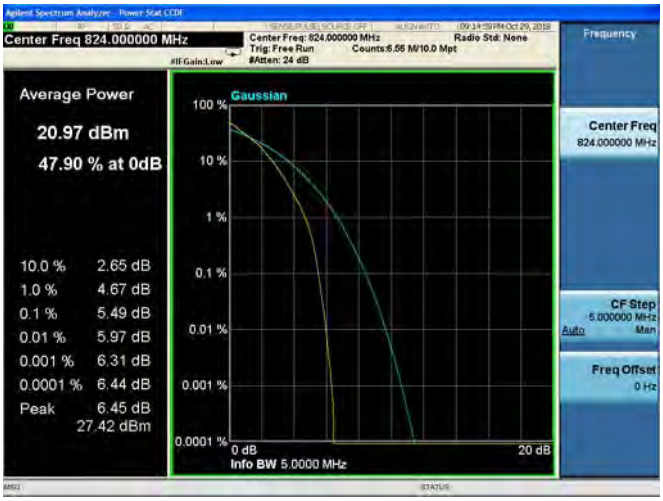
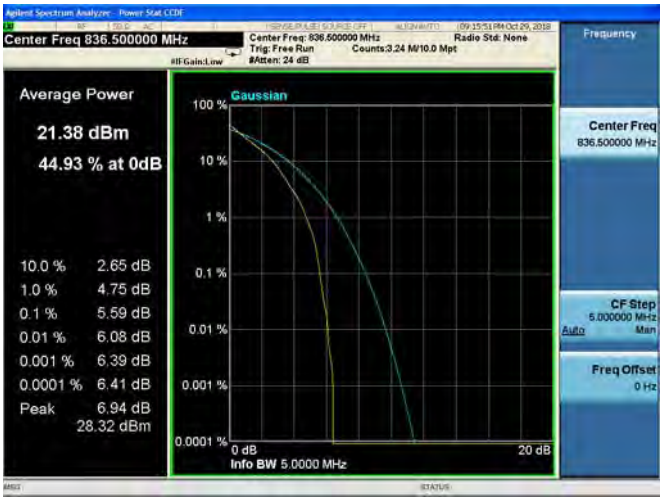
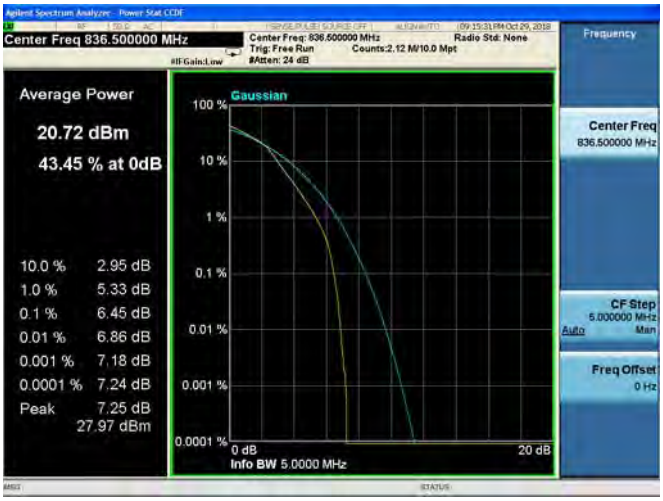
5MHz/QPSK/Low CH	5MHz/16QAM/Low CH
	
5MHz/QPSK/Mid CH	**5MHz/16QAM/Mid CH**
	
5MHz/QPSK/High CH	**5MHz/16QAM/High CH**
	

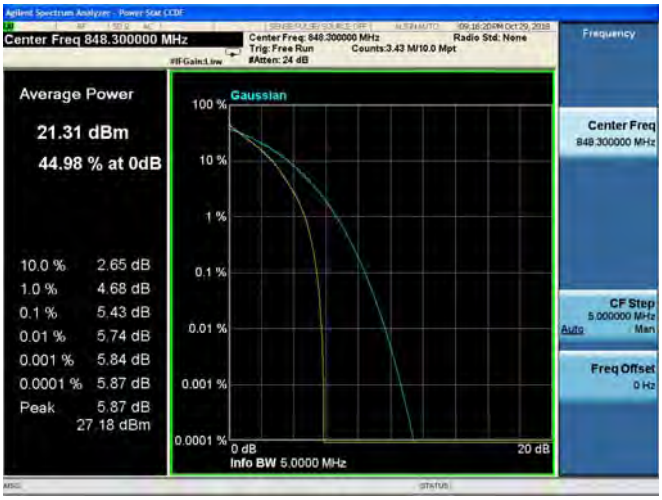
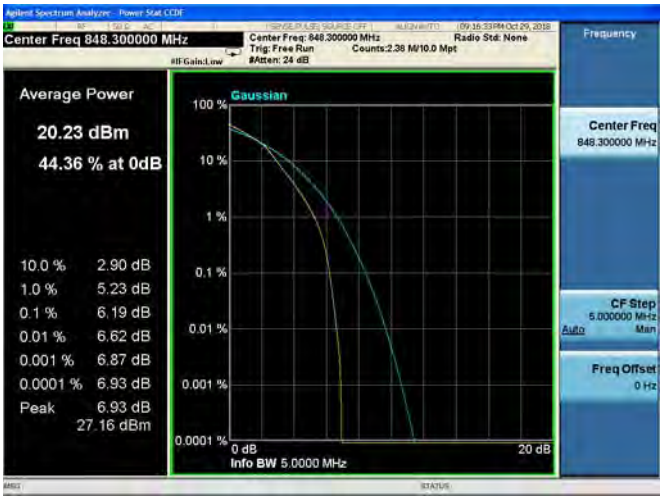
10MHz/QPSK/Low CH	10MHz/16QAM/Low CH
	
10MHz/QPSK/Mid CH	**10MHz/16QAM/Mid CH**
	
10MHz/QPSK/High CH	**10MHz/16QAM/High CH**
	

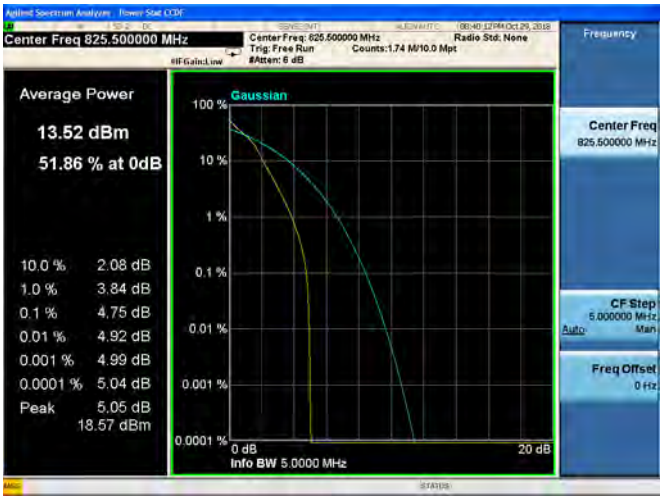
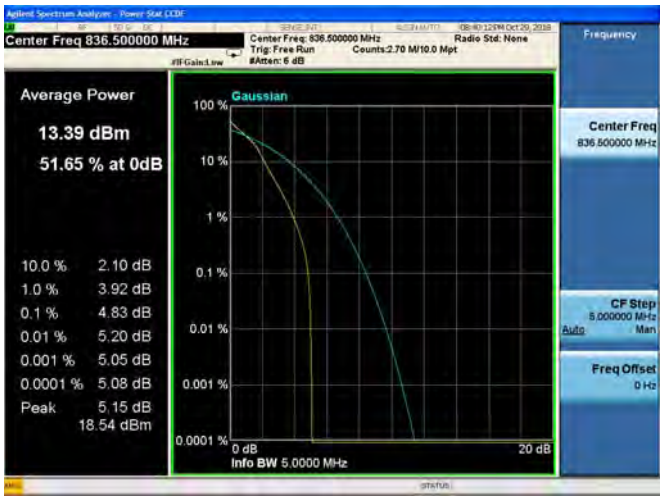
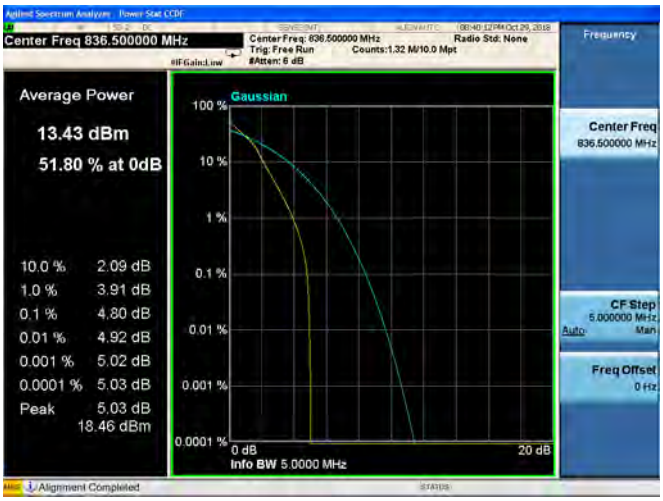
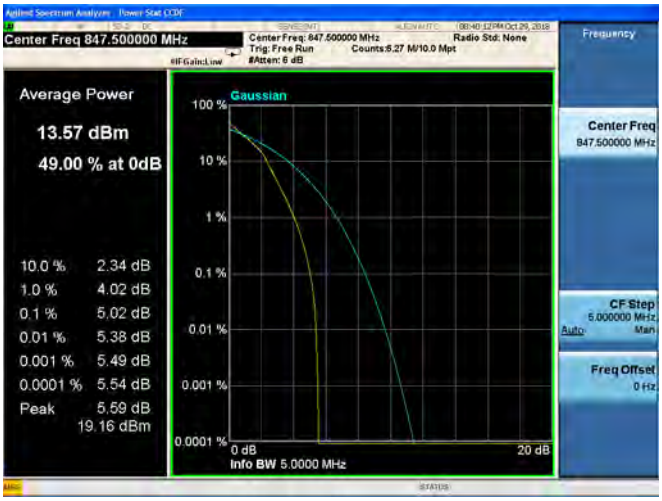
15MHz/QPSK/Low CH	15MHz/16QAM/Low CH
	
15MHz/QPSK/Mid CH	**15MHz/16QAM/Mid CH**
	
15MHz/QPSK/High CH	**15MHz/16QAM/High CH**
	

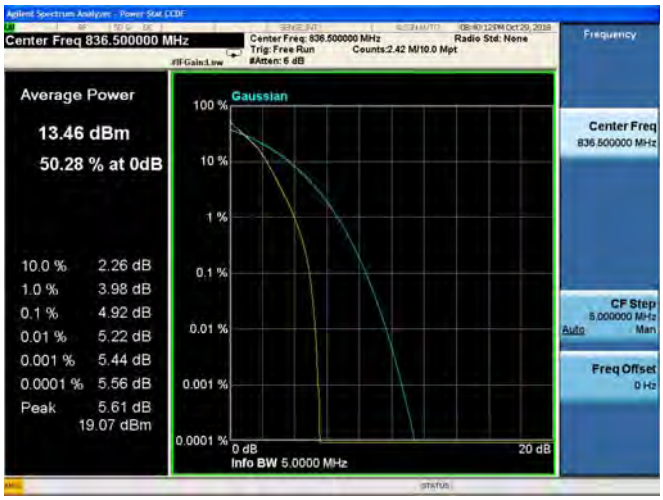
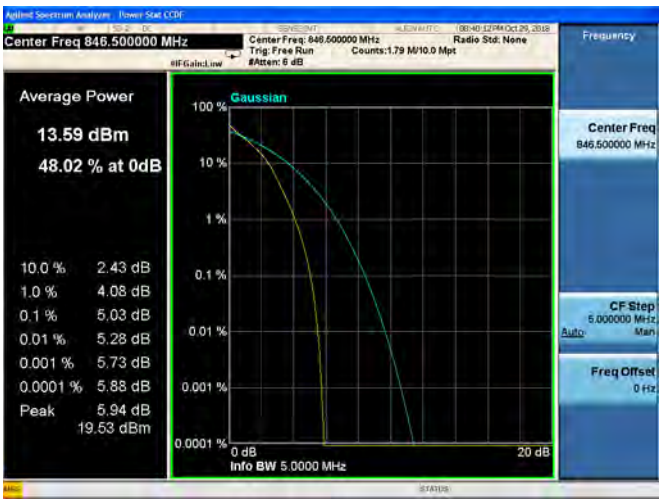
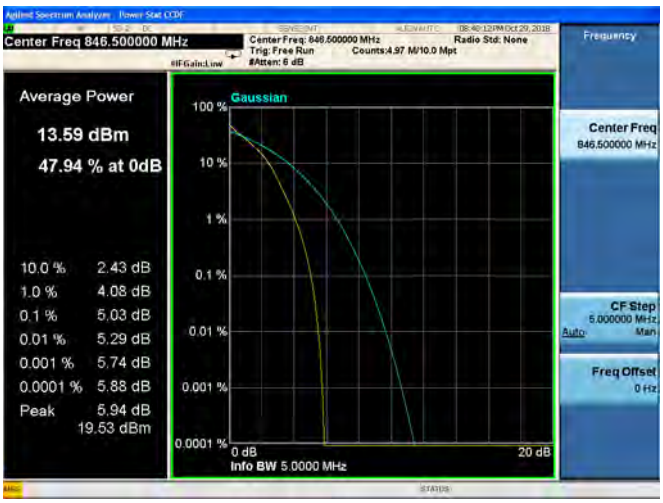
20MHz/QPSK/Low CH	20MHz/16QAM/Low CH
	
20MHz/QPSK/Mid CH	**20MHz/16QAM/Mid CH**
	
20MHz/QPSK/High CH	**20MHz/16QAM/High CH**
	

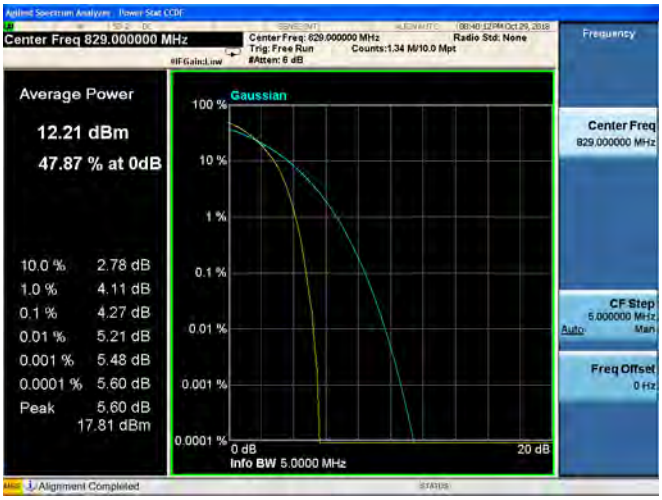
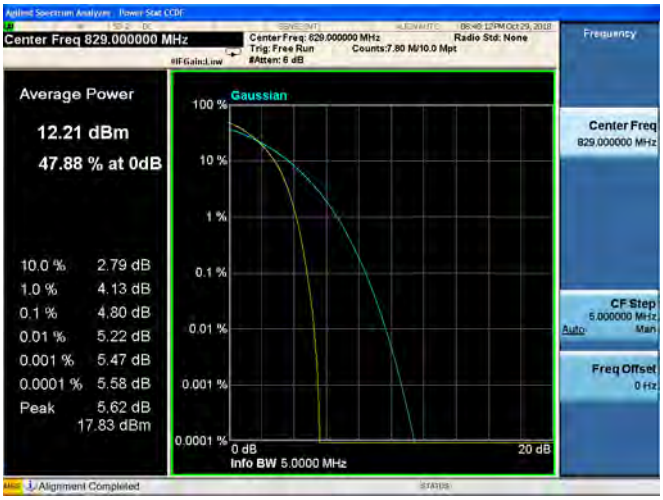
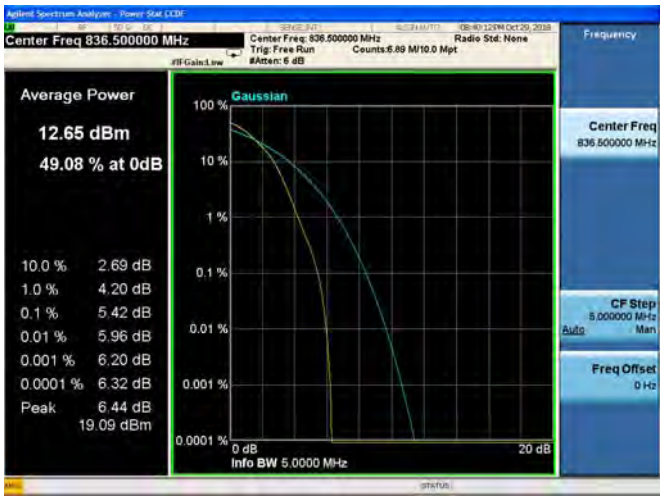
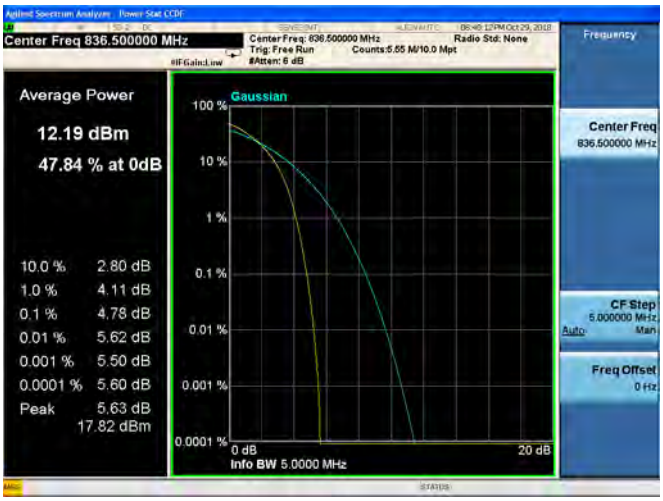
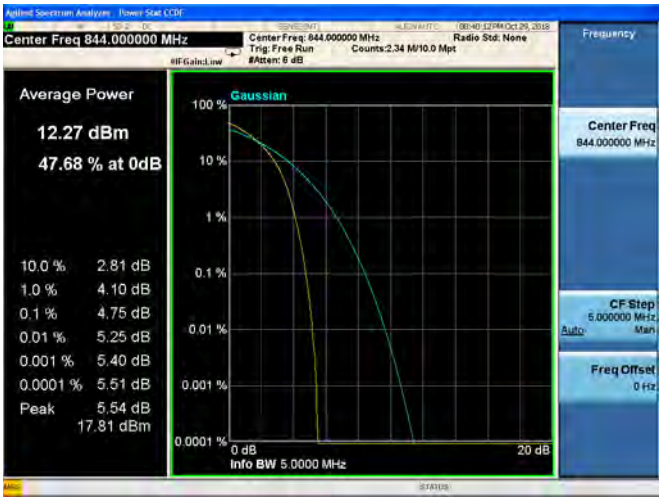
LTE Band 5, BW: 1.4MHz			
Channel	Frequency (MHz)	Peak to Average Radio(dB)	
		QPSK	16QAM
20407	824.7	5.15	5.49
20525	836.5	5.59	6.45
20643	848.3	5.43	6.19
LTE Band 5, BW: 3MHz			
Channel	Frequency (MHz)	Peak to Average Radio(dB)	
		QPSK	16QAM
20415	825.5	4.75	4.75
20525	836.5	4.83	4.80
20635	847.5	5.02	5.02
LTE Band 5, BW: 5MHz			
Channel	Frequency (MHz)	Peak to Average Radio(dB)	
		QPSK	16QAM
20425	826.5	4.92	4.91
20525	836.5	4.92	4.92
20625	846.5	5.03	5.03
LTE Band 5, BW: 10MHz			
Channel	Frequency (MHz)	Peak to Average Radio(dB)	
		QPSK	16QAM
20450	829.0	4.27	4.80
20525	836.5	5.42	4.78
20600	844.0	4.75	4.75

LTE Band 5 Peak to Average Radio	
1.4MHz/QPSK/Low CH	**1.4MHz/16QAM/Low CH**
	
1.4MHz/QPSK/Mid CH	**1.4MHz/16QAM/Mid CH**
	

1.4MHz/QPSK/High CH	1.4MHz/16QAM/High CH
	

3MHz/QPSK/Low CH	3MHz/16QAM/Low CH
	
3MHz/QPSK/Mid CH	**3MHz/16QAM/Mid CH**
	
3MHz/QPSK/High CH	**3MHz/16QAM/High CH**
	

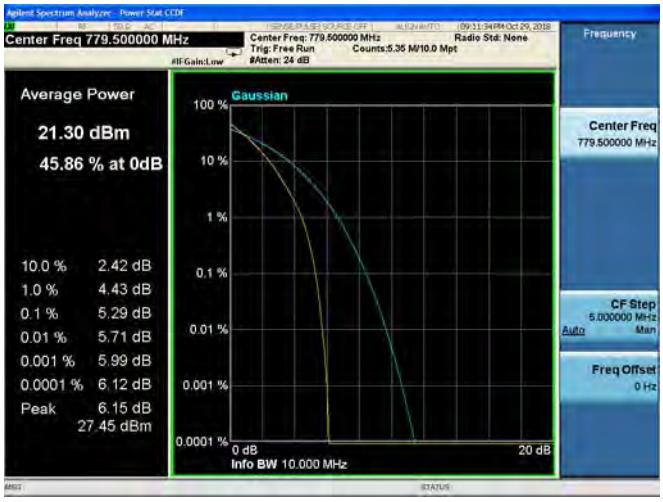
5MHz/QPSK/Low CH	5MHz/16QAM/Low CH
	
5MHz/QPSK/Mid CH	**5MHz/16QAM/Mid CH**
	
5MHz/QPSK/High CH	**5MHz/16QAM/High CH**
	

10MHz/QPSK/Low CH	10MHz/16QAM/Low CH
	
10MHz/QPSK/Mid CH	**10MHz/16QAM/Mid CH**
	
10MHz/QPSK/High CH	**10MHz/16QAM/High CH**
	

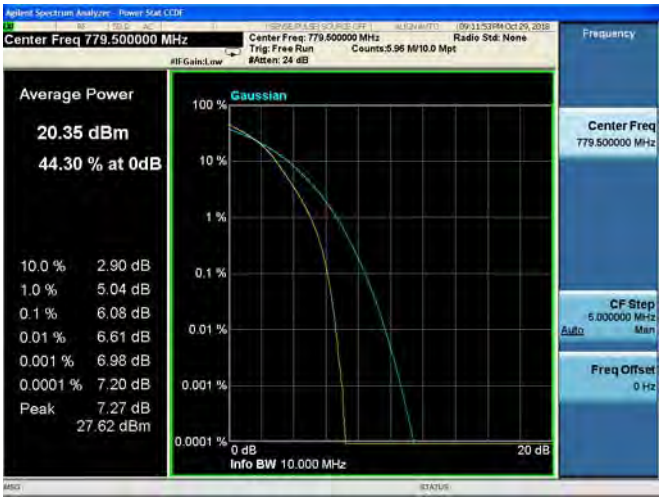
LTE Band 13, BW: 5MHz			
Channel	Frequency (MHz)	Peak to Average Radio(dB)	
		QPSK	16QAM
23205	779.5	5.29	6.08
23230	782.0	4.82	5.68
23255	784.5	5.08	5.74
LTE Band 13, BW: 10MHz			
Channel	Frequency (MHz)	Peak to Average Radio(dB)	
		QPSK	16QAM
23230	782.0	4.94	5.81

LTE Band 7 Peak to Average Radio

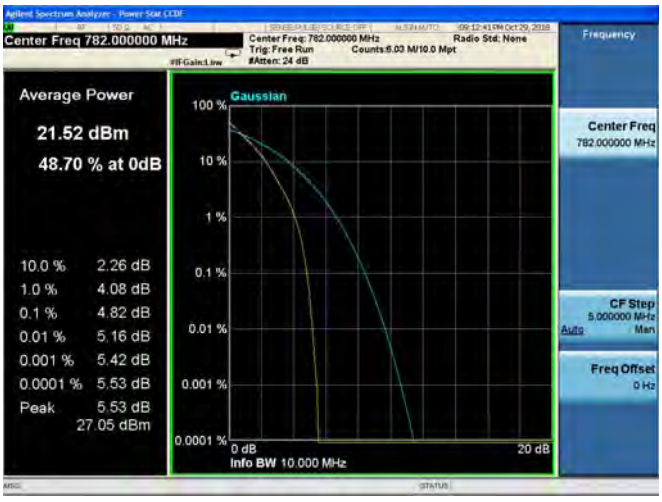
5MHz/QPSK/Low CH



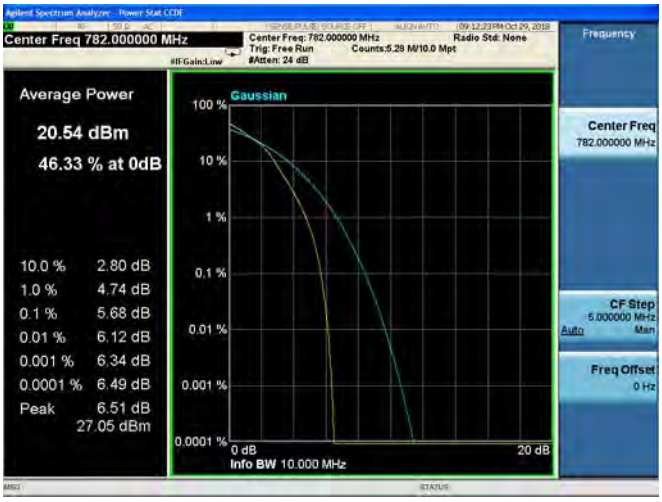
5MHz/16QAM/Low CH

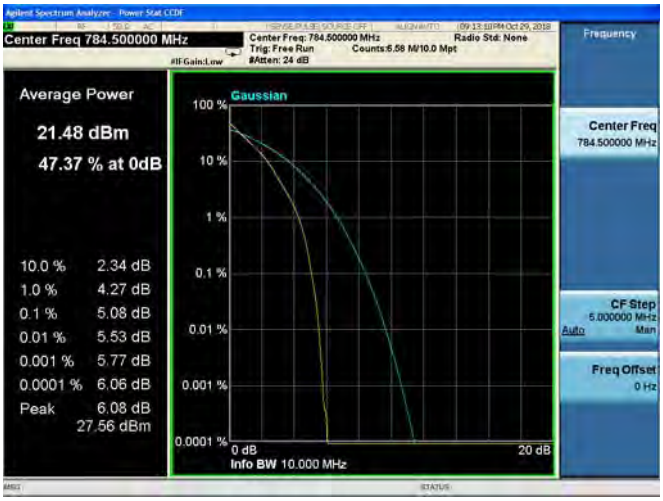
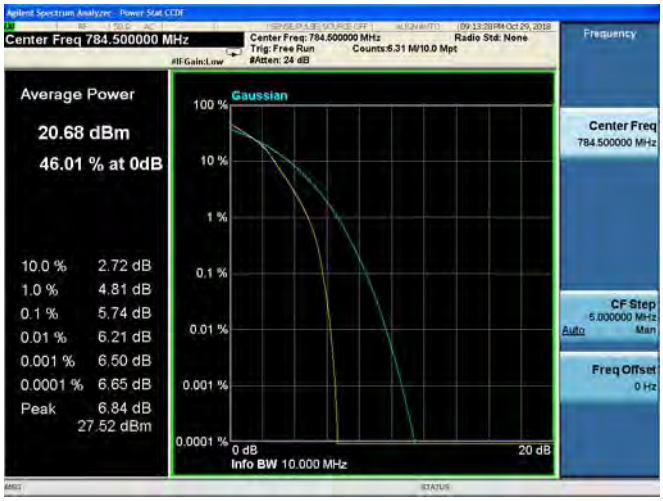
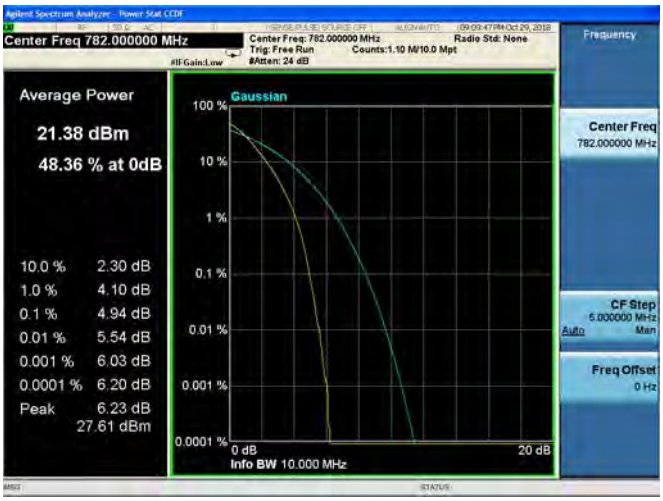
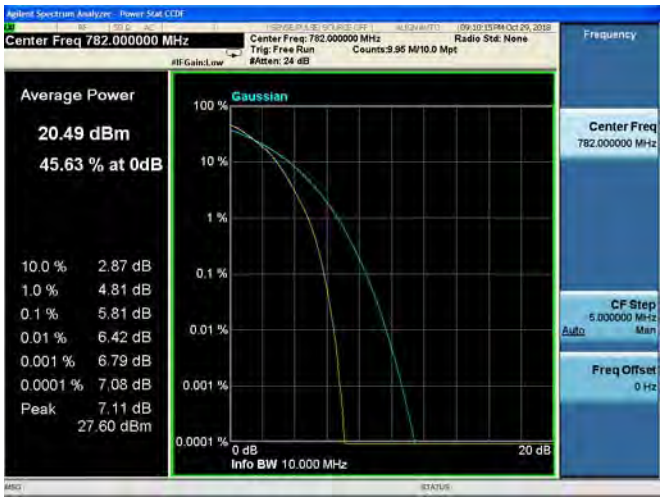


5MHz/QPSK/Mid CH



5MHz/16QAM/Mid CH



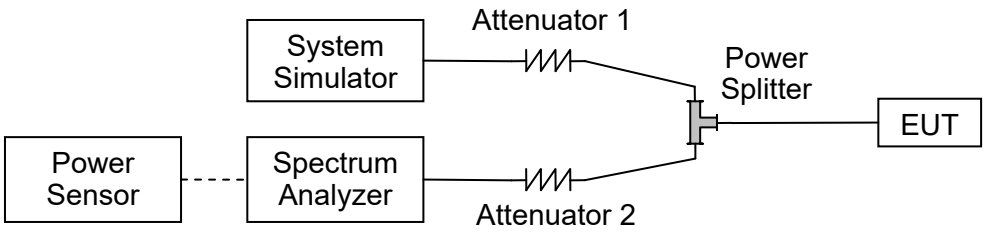
5MHz/QPSK/High CH	5MHz/16QAM/High CH
	
10MHz/QPSK/Low CH	**10MHz/16QAM/Low CH**
	

2.5. Conducted Spurious Emissions

2.5.1. 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.

2.5.2. Test Description

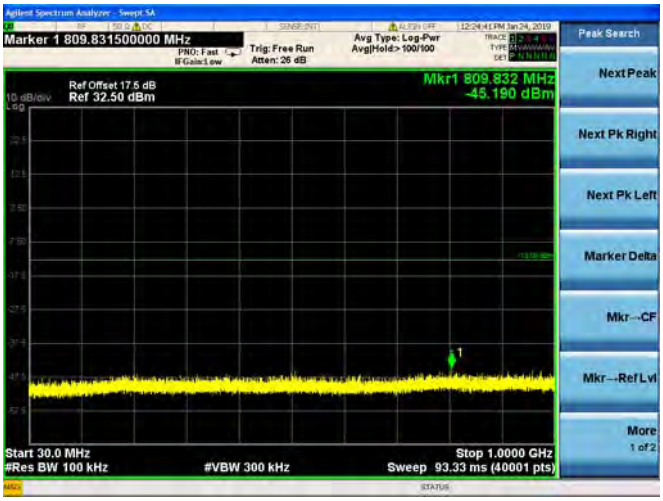
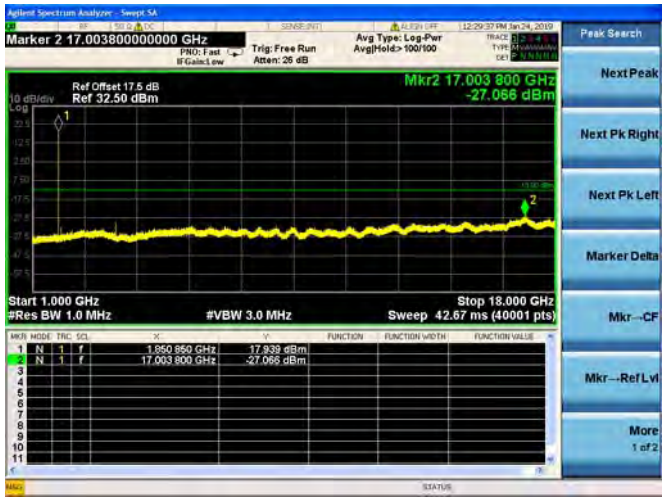
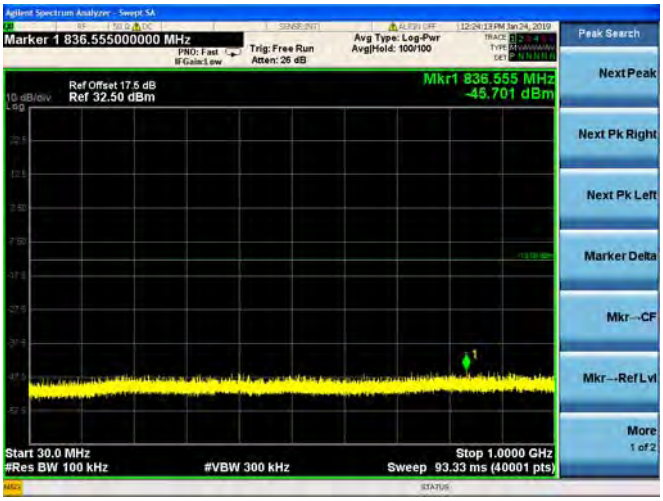
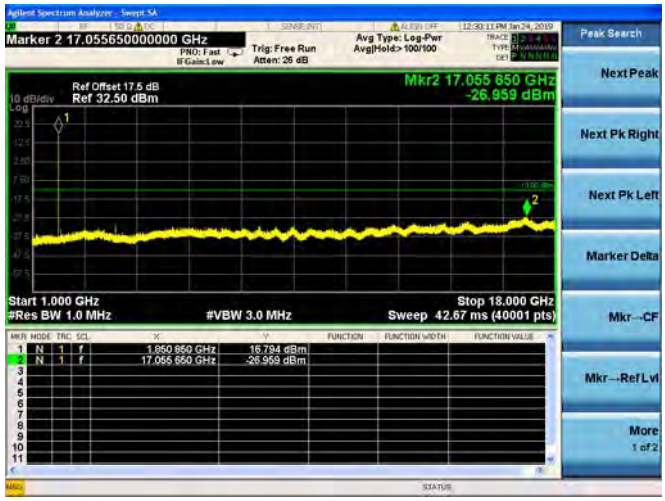


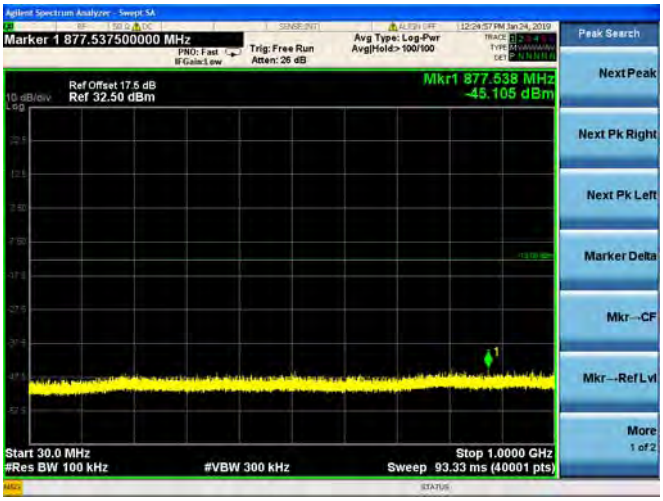
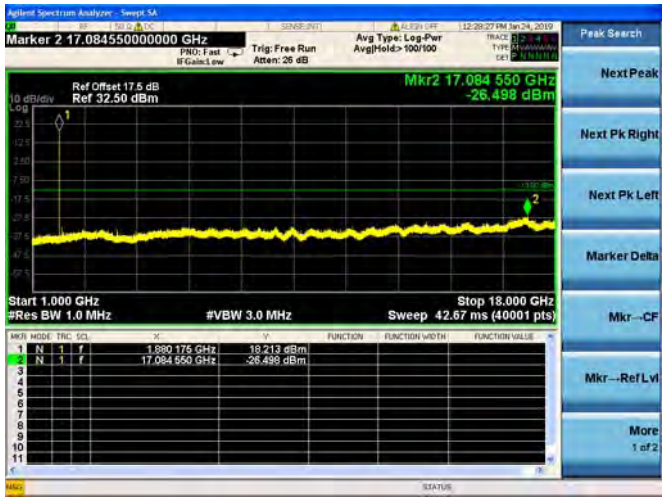
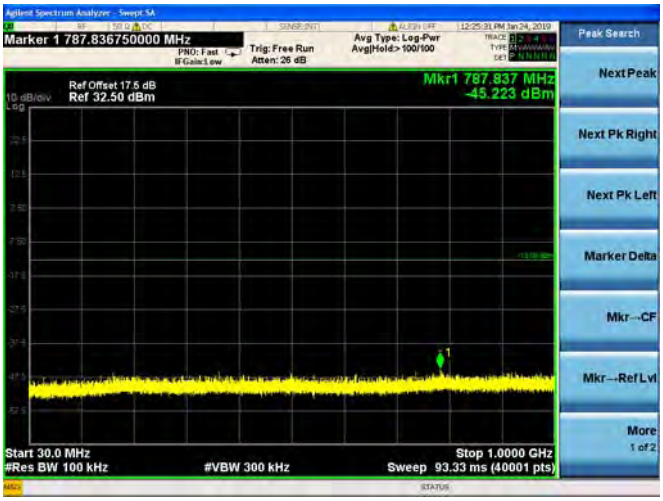
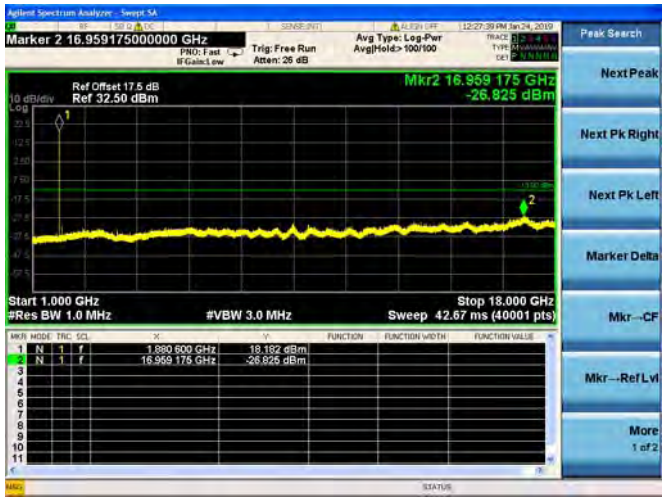
The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum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

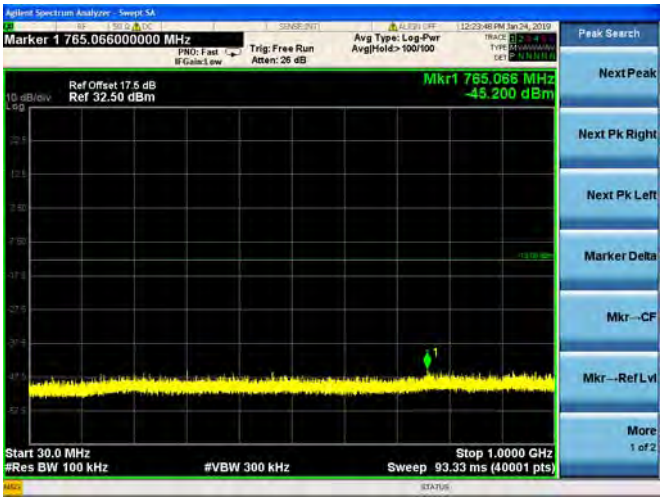
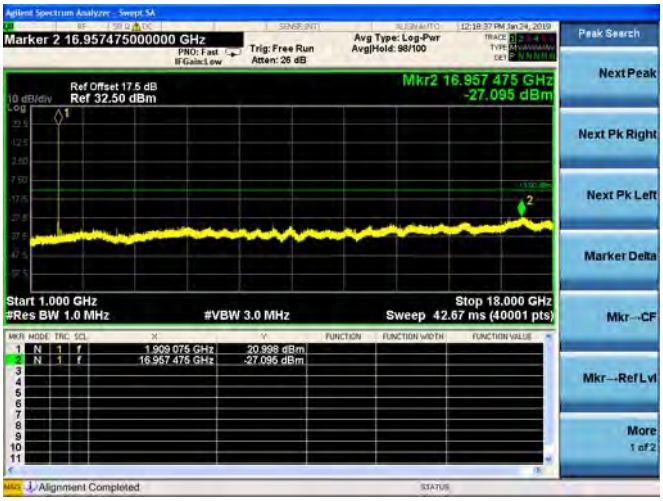
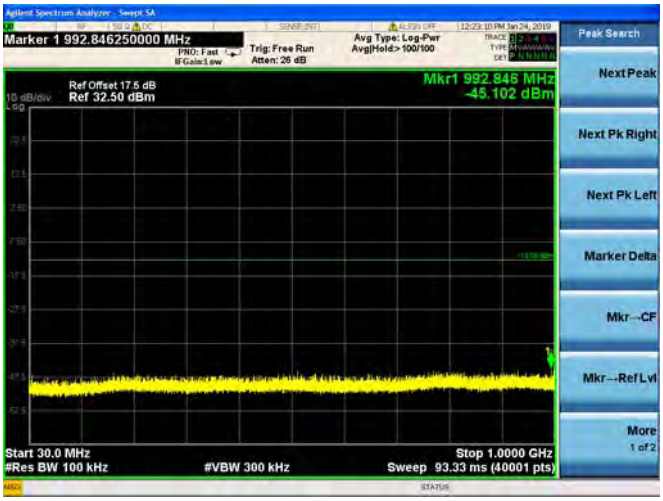
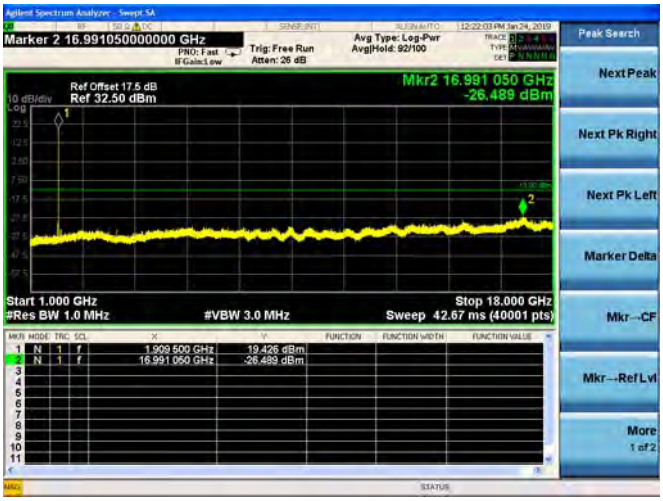
2.5.3. Test procedure

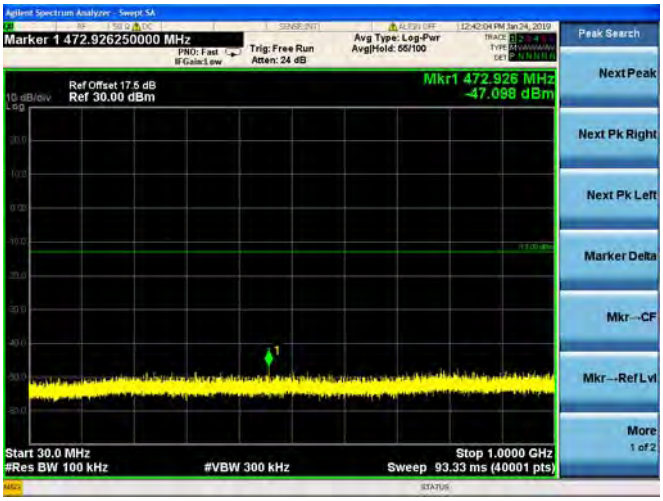
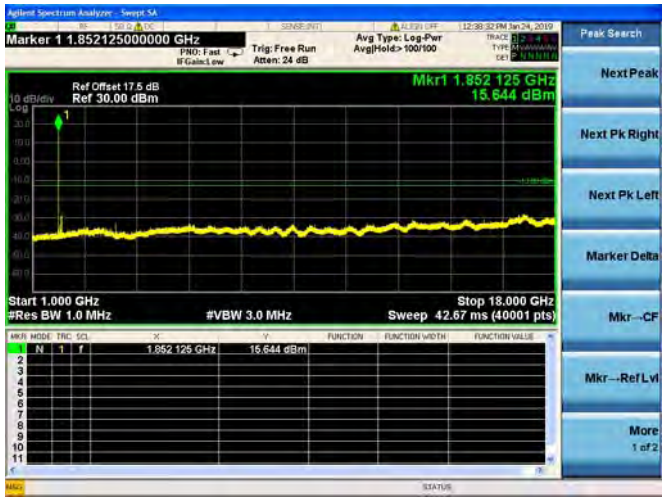
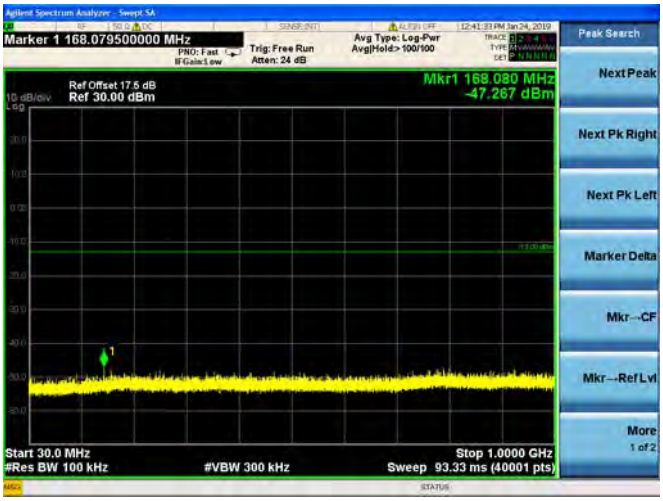
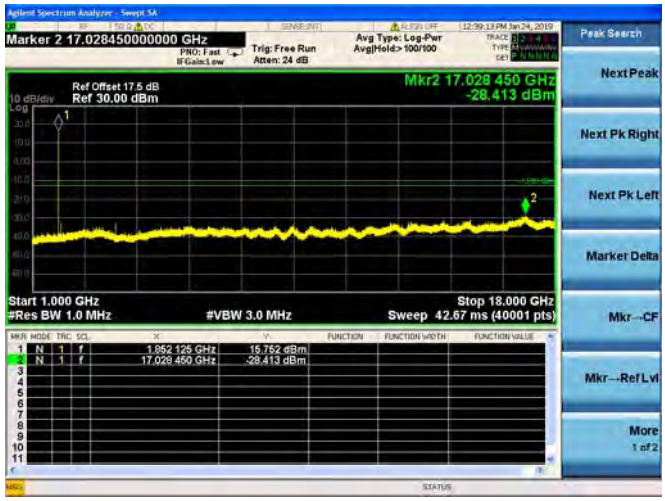
KDB 971168 D01v03 Section 6.0 and ANSI/TIA-603-E-2016.

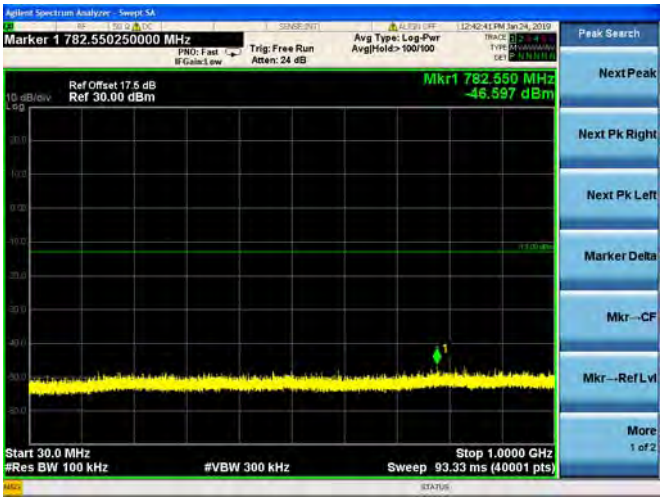
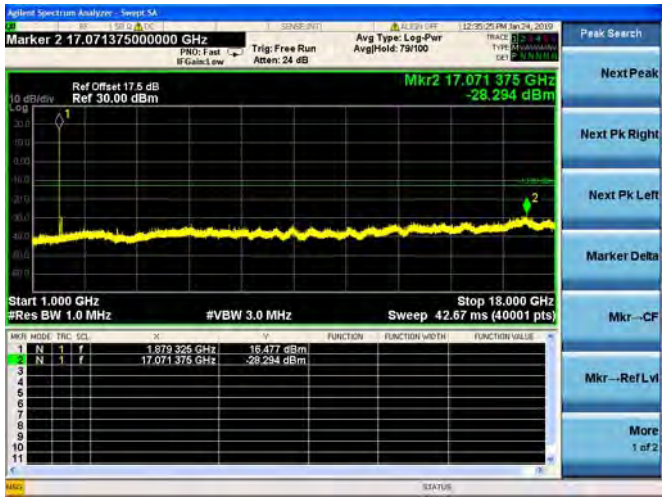
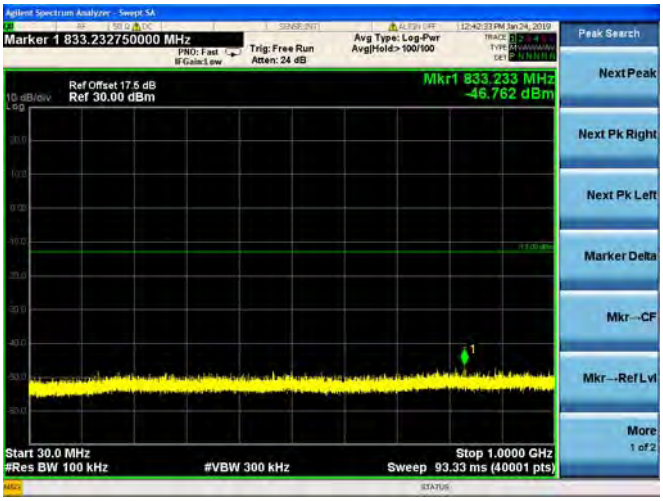
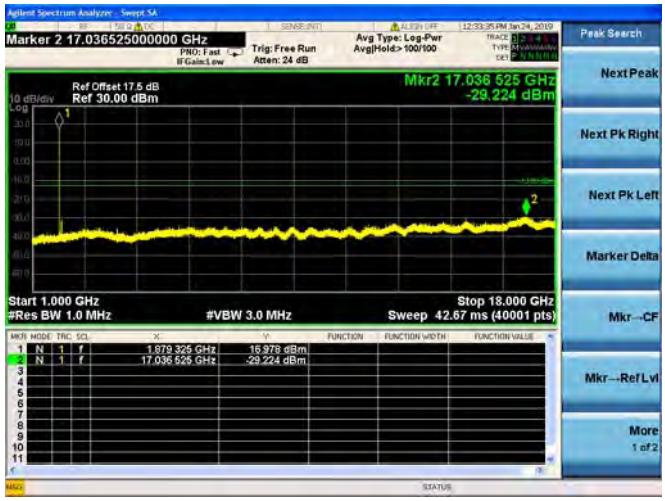
2.5.4. Test Result

LTE Band 2 1.4MHz BW Low Channel	
QPSK	
	
16QAM	
	

LTE Band 2 1.4MHz BW Mid Channel	
QPSK	
	
16QAM	
	

LTE Band 2 1.4MHz BW High Channel	
QPSK	
	
16QAM	
	

LTE Band 2 3MHz BW Low Channel	
QPSK	
	
16QAM	
	

LTE Band 2 3MHz BW Mid Channel	
QPSK	
	
16QAM	
	

LTE Band 2 3MHz BW High Channel	
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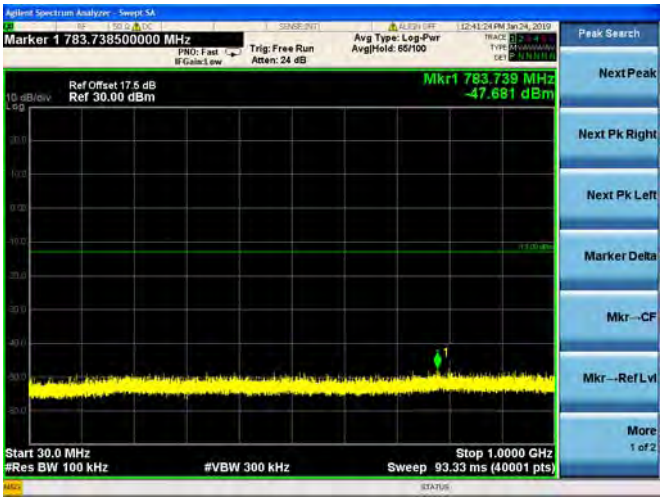	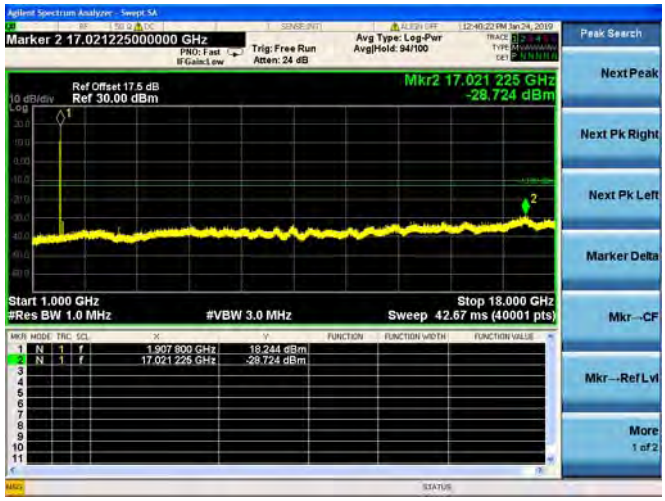
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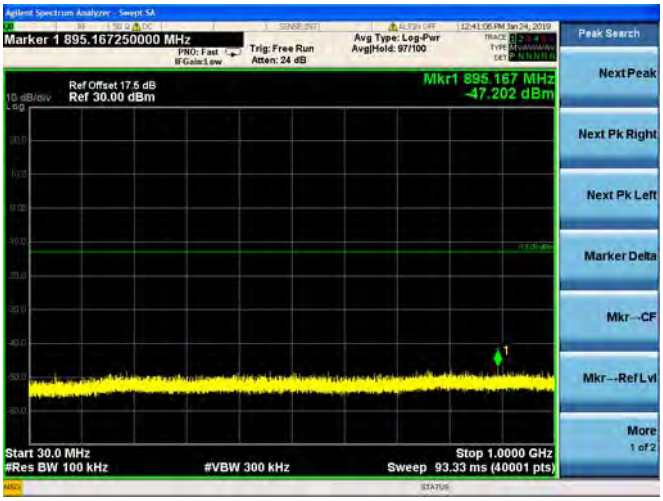	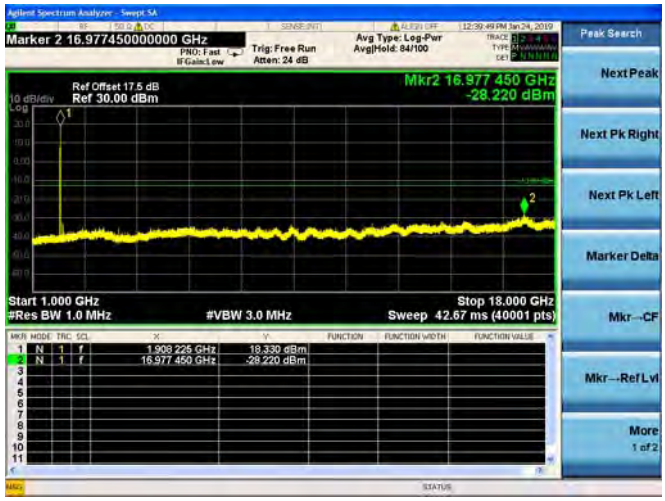

LTE Band 2 5MHz BW Low Channel	
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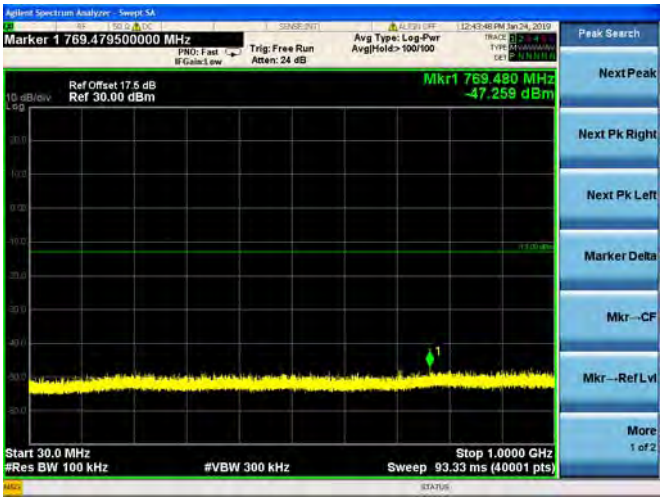	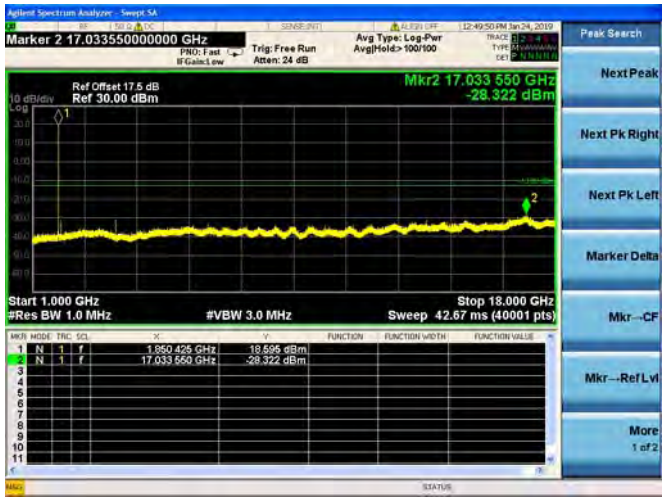
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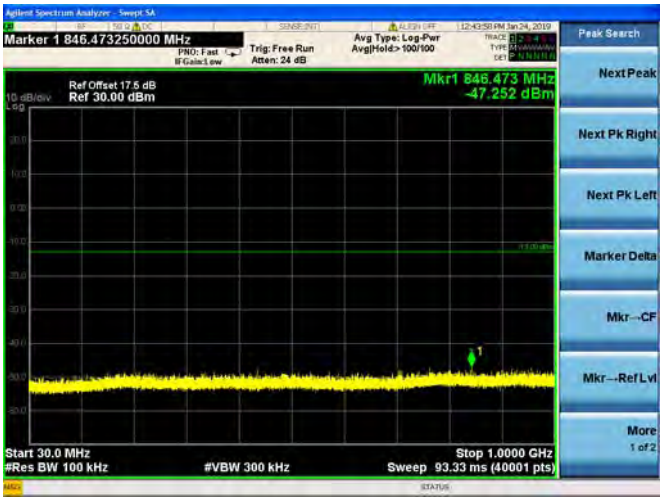	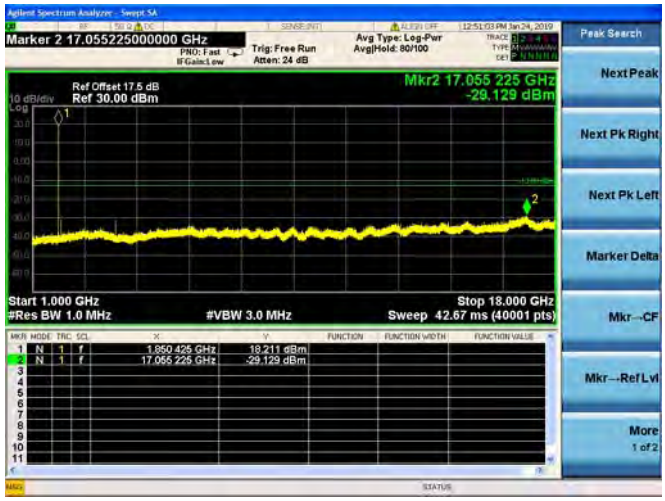

LTE Band 2 5MHz BW Mid Channel	
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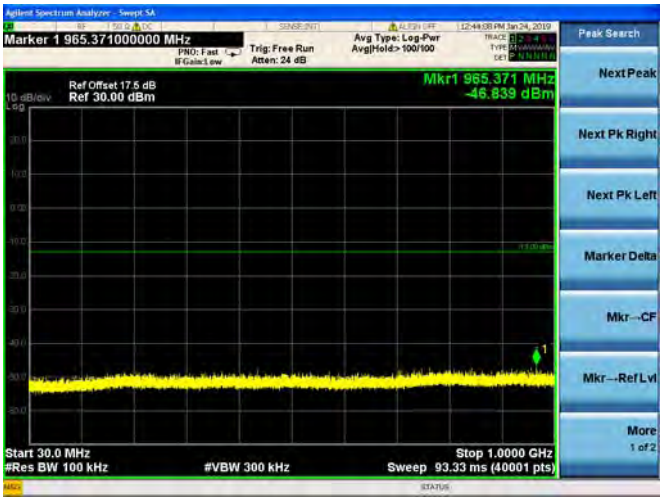	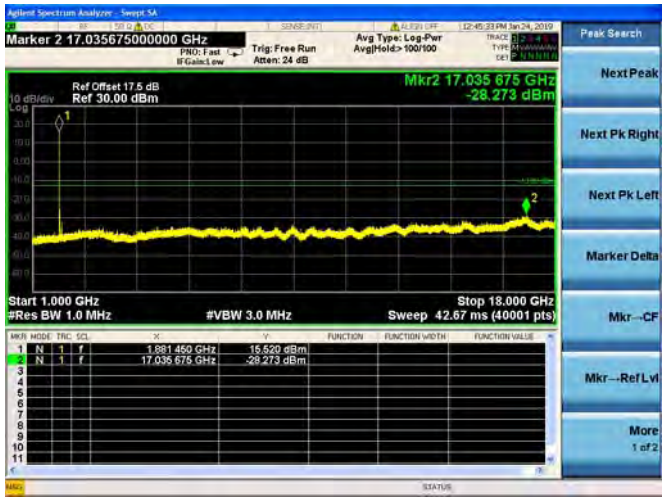
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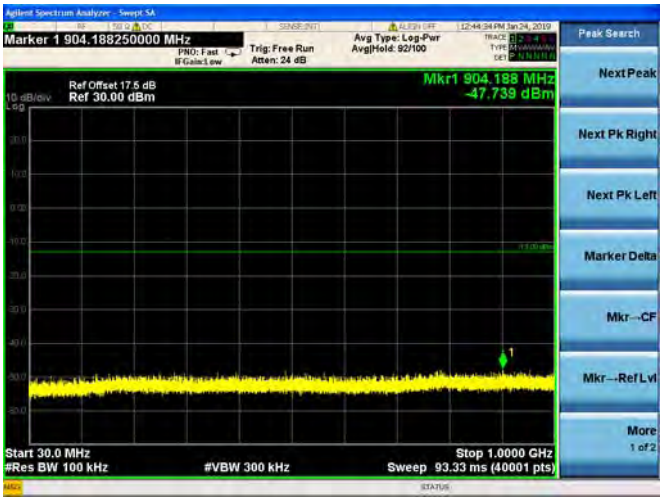
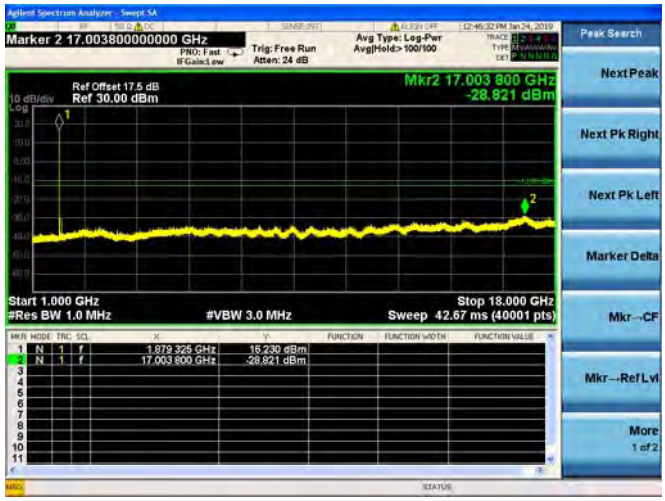
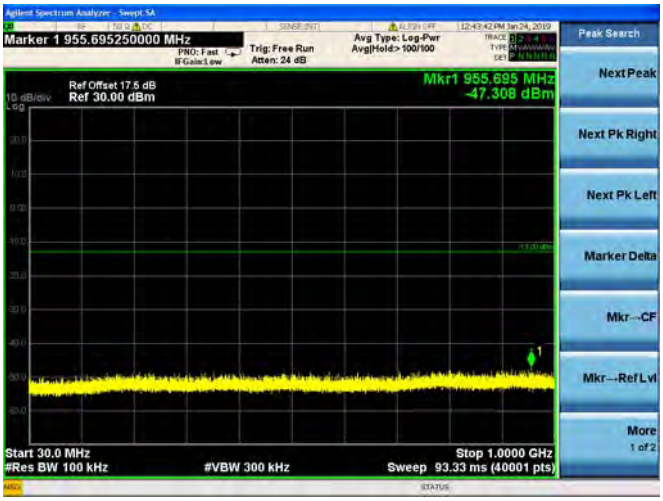
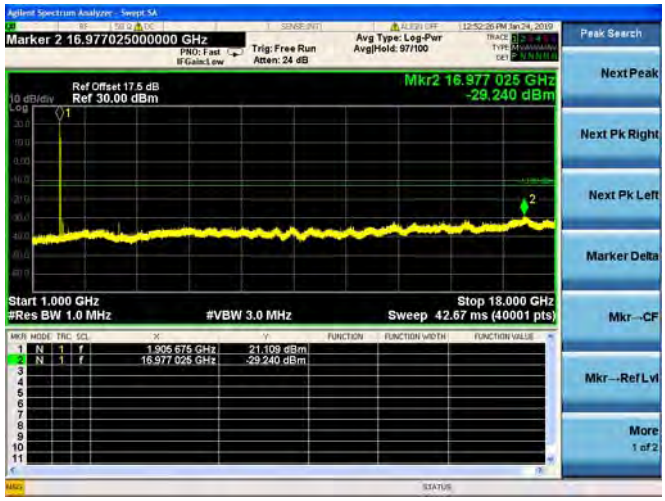
	

LTE Band 2 5MHz BW High Channel	
QPSK	
	
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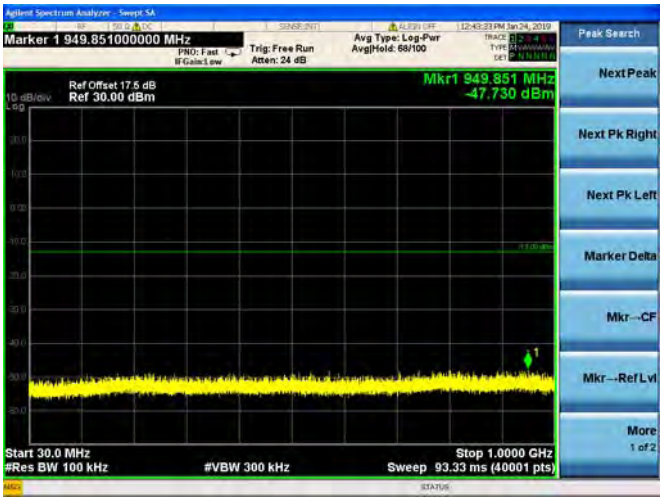
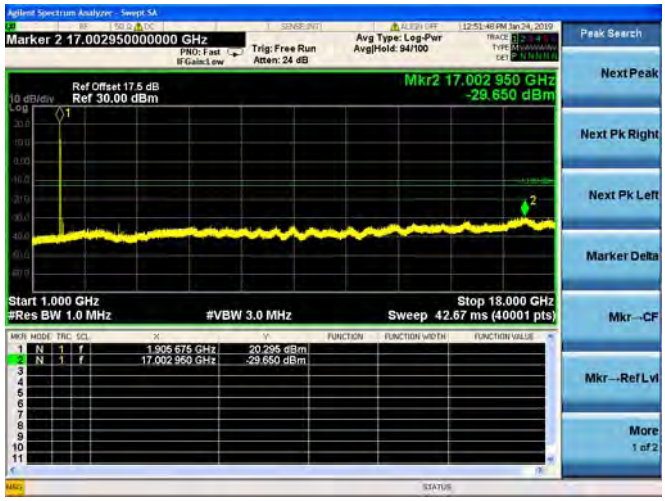
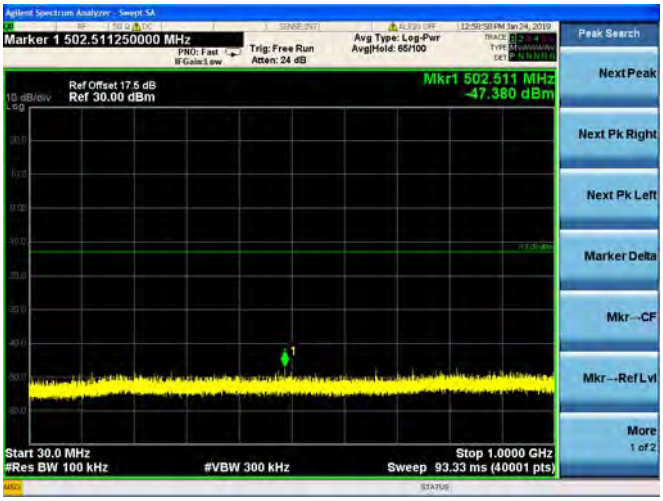
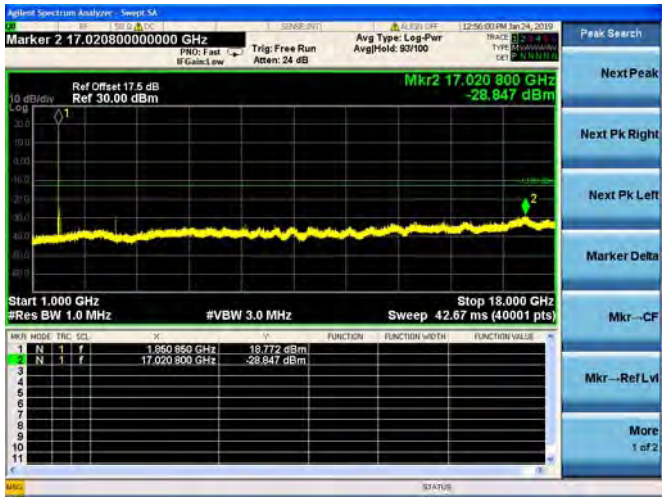
	

LTE Band 2 10MHz BW Low Channel	
QPSK	
	
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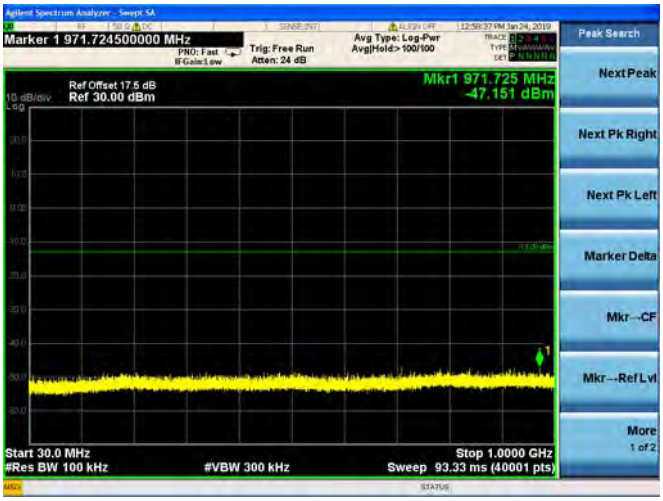
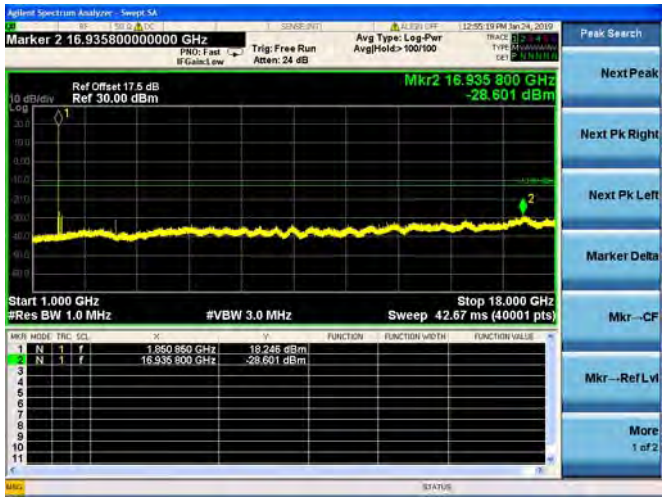
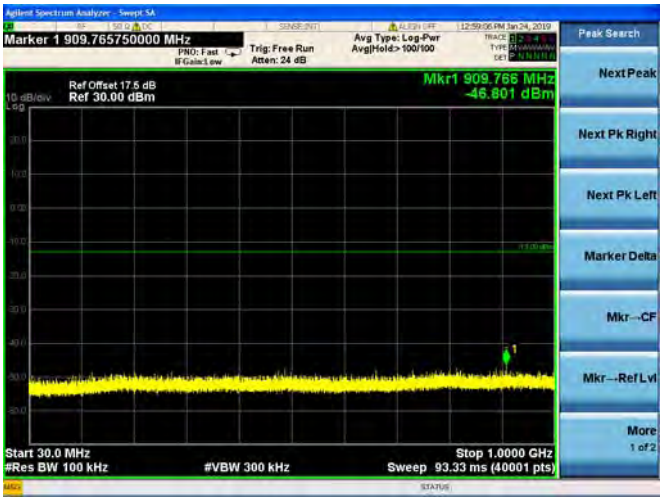
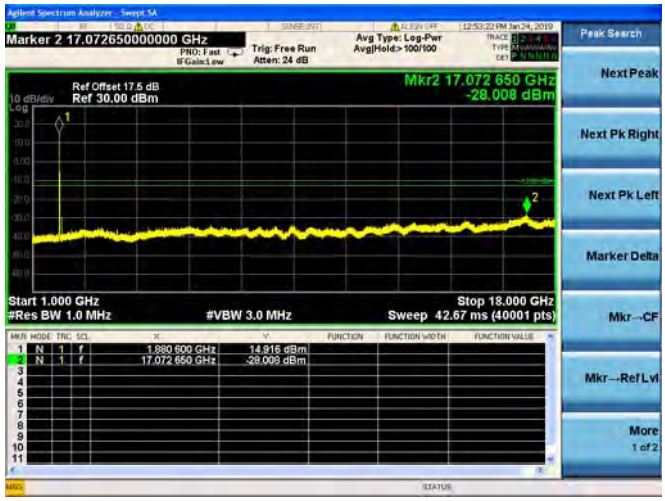
	

LTE Band 2 10MHz BW Mid Channel	
QPSK	
	
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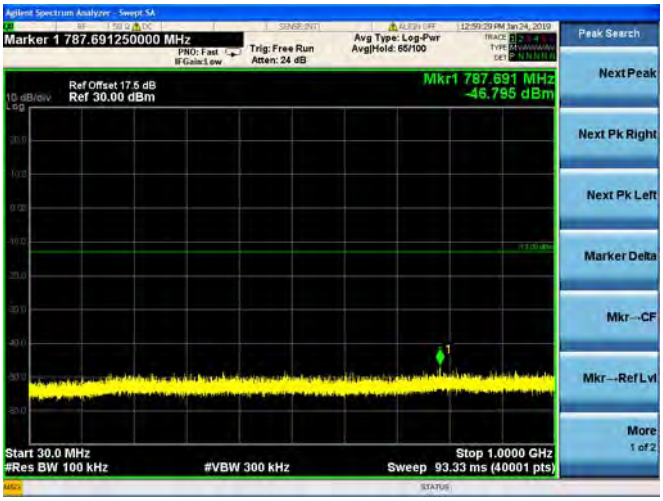
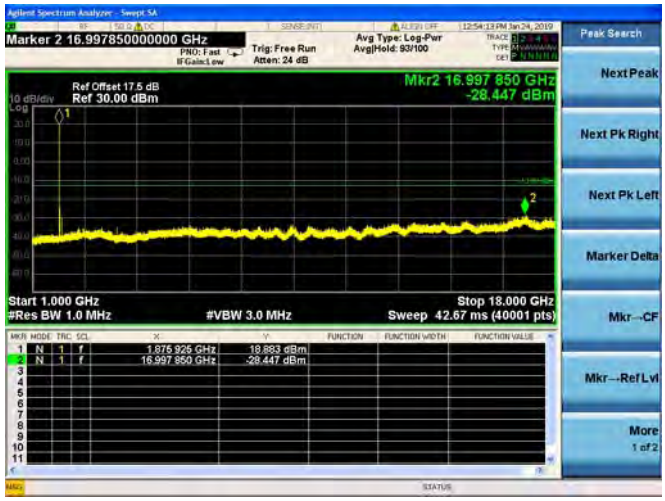
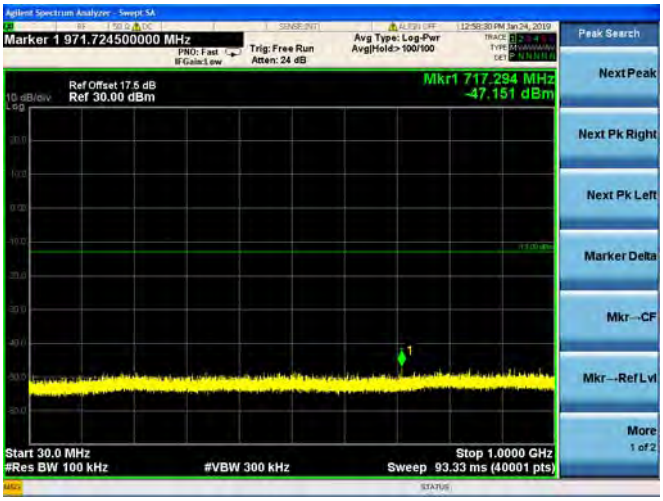
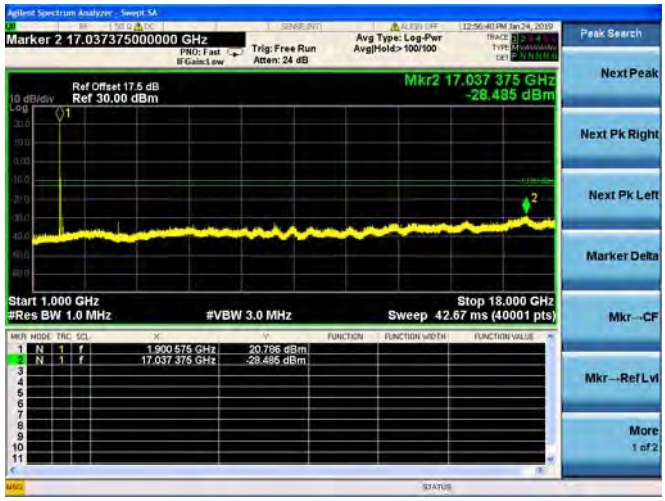
	

LTE Band 2 10MHz BW High Channel	
QPSK	
	
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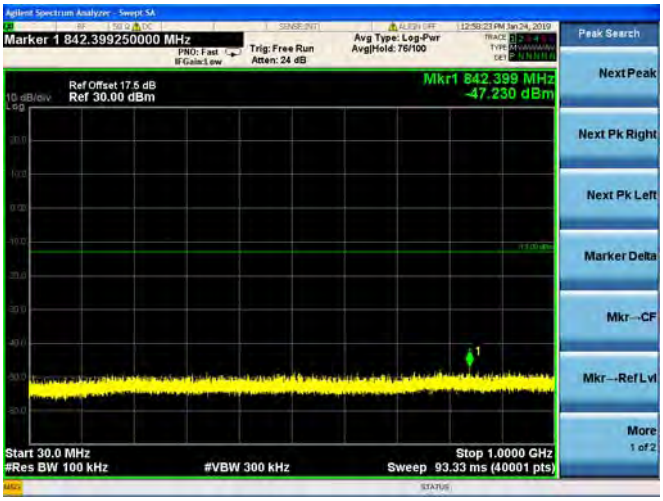	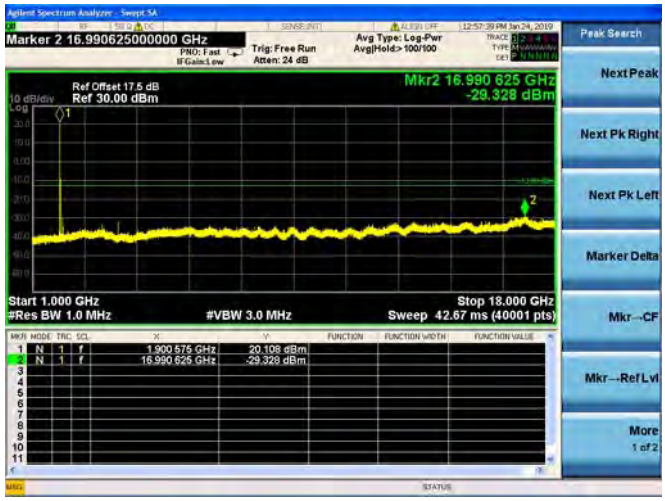

LTE Band 2 15MHz BW Low Channel	
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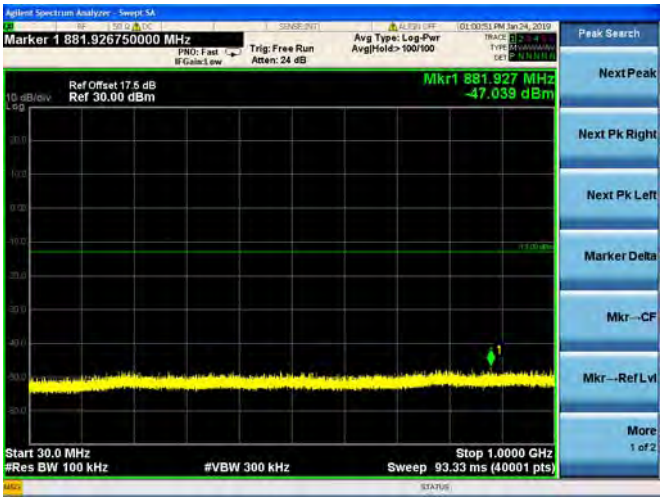	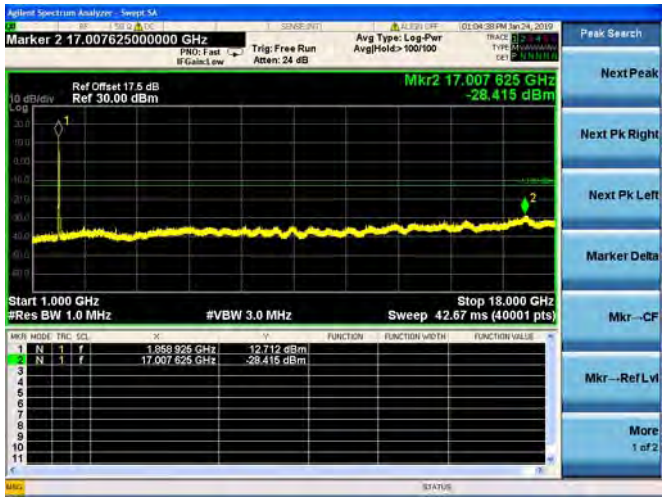
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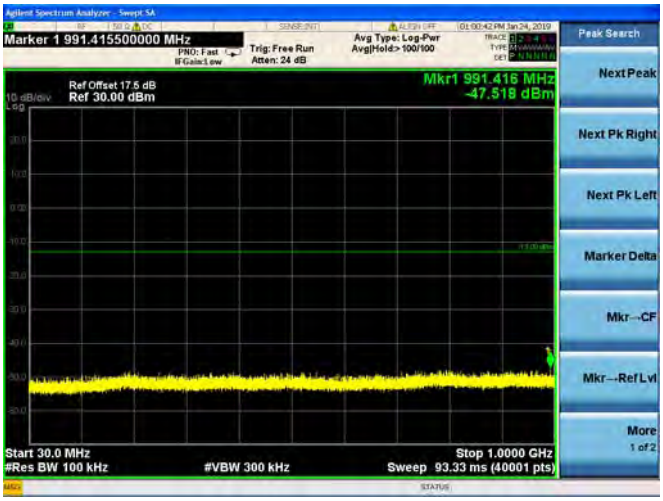	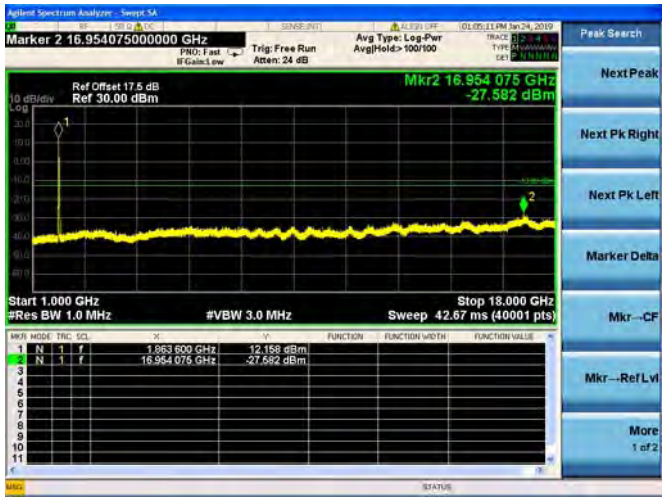

LTE Band 2 15MHz BW Mid Channel	
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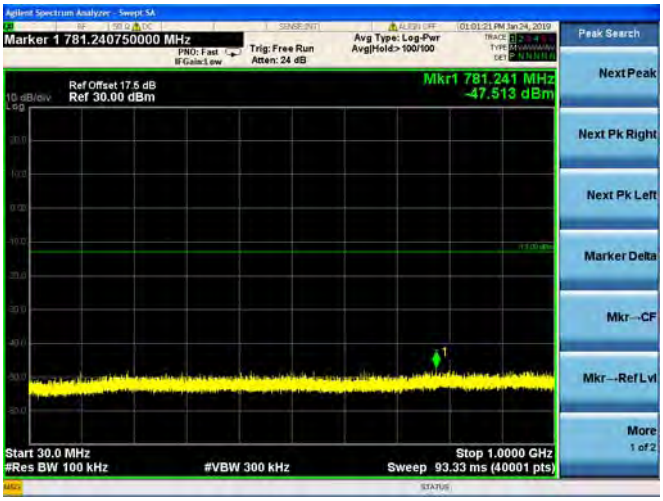	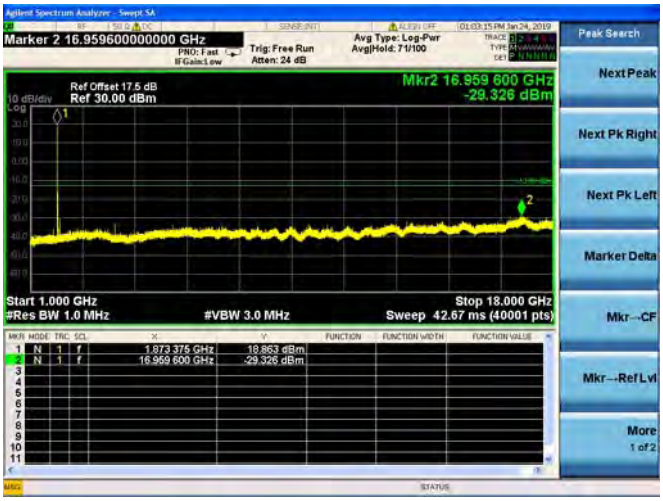
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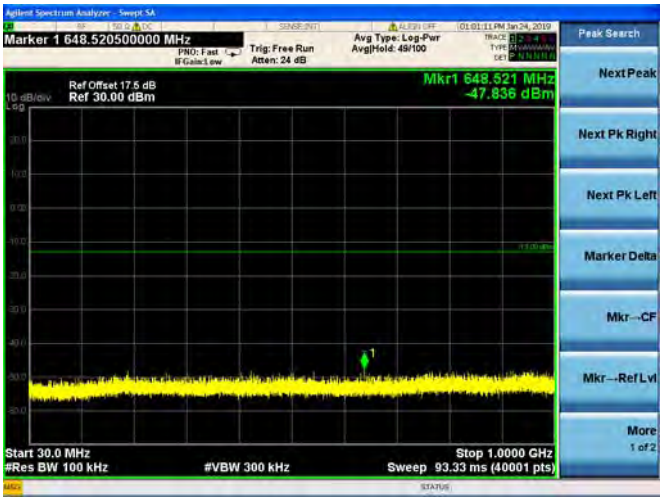
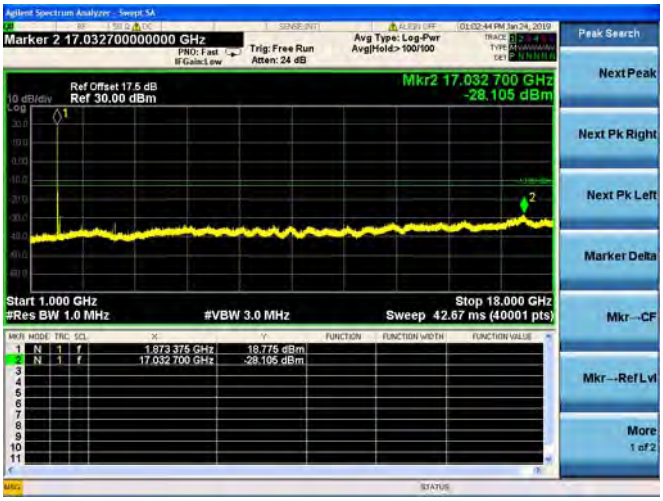
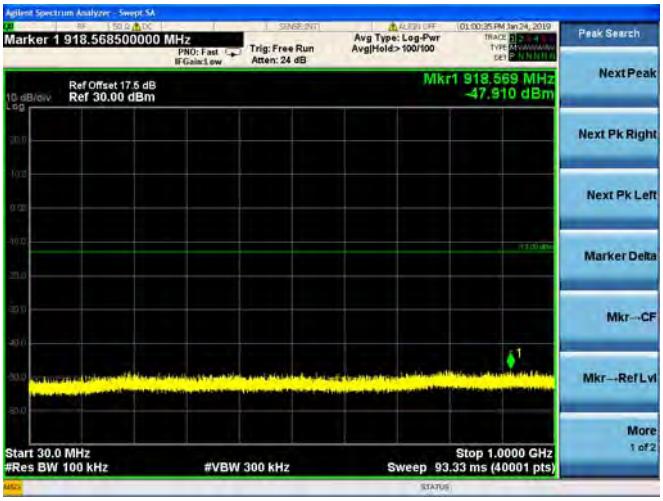
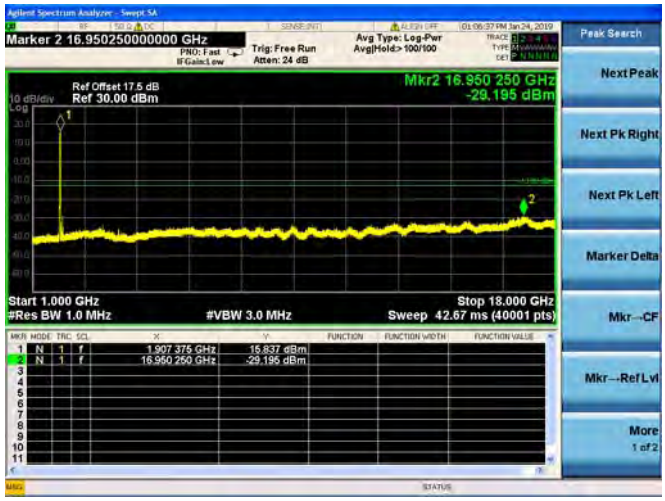
	

LTE Band 2 15MHz BW High Channel	
QPSK	
	
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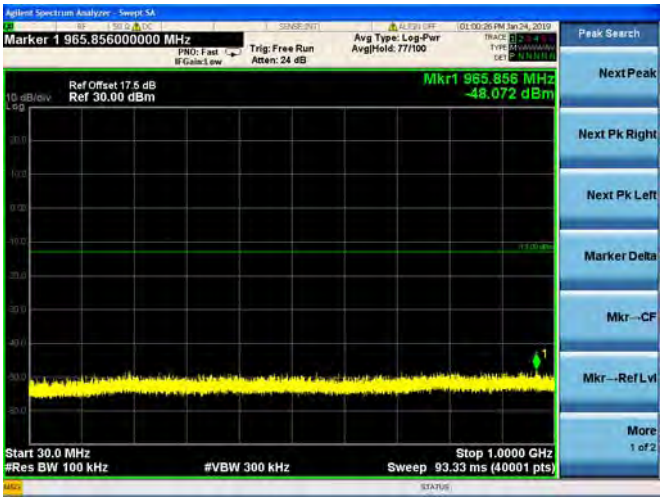
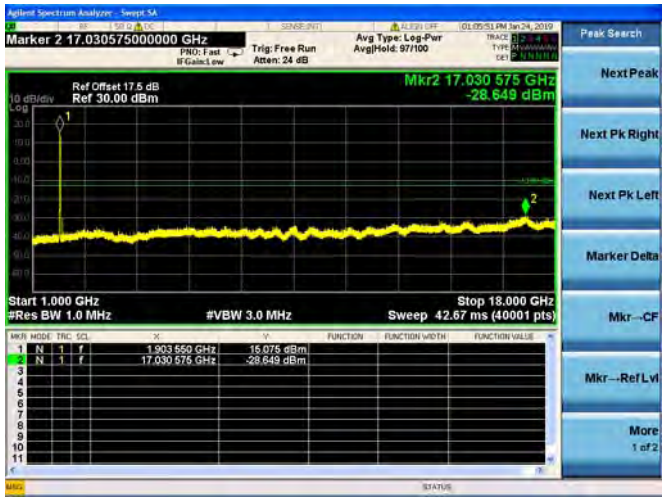
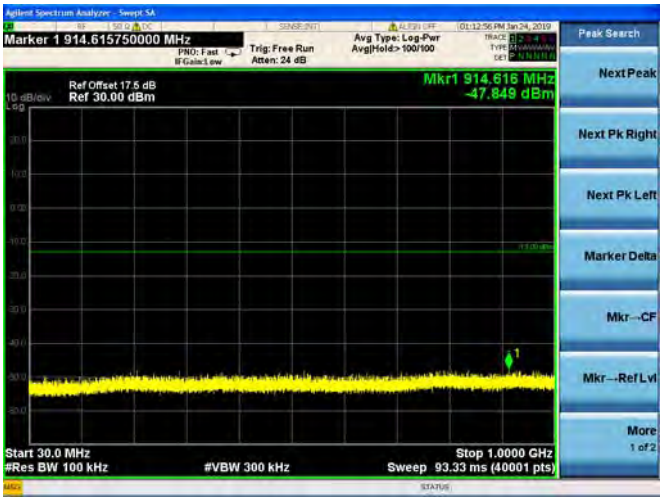
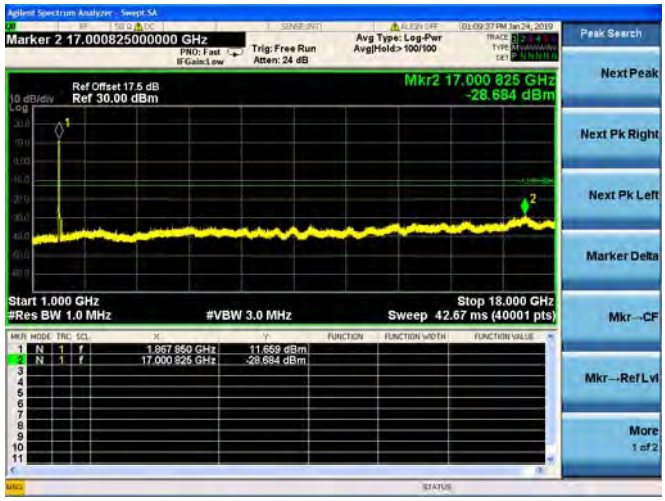
	

LTE Band 2 20MHz BW Low Channel	
QPSK	
	
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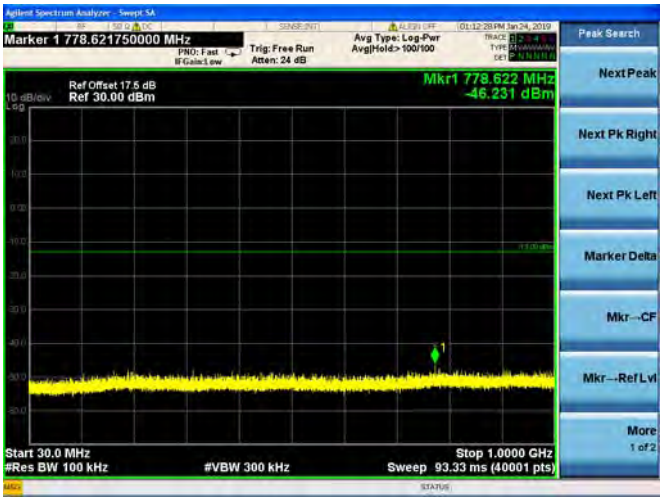
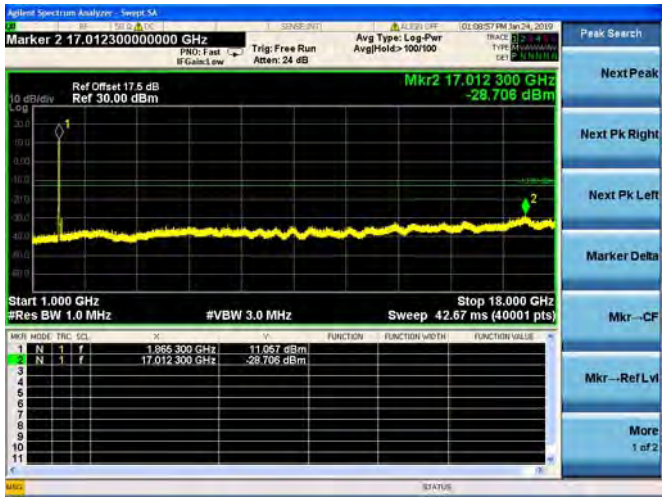
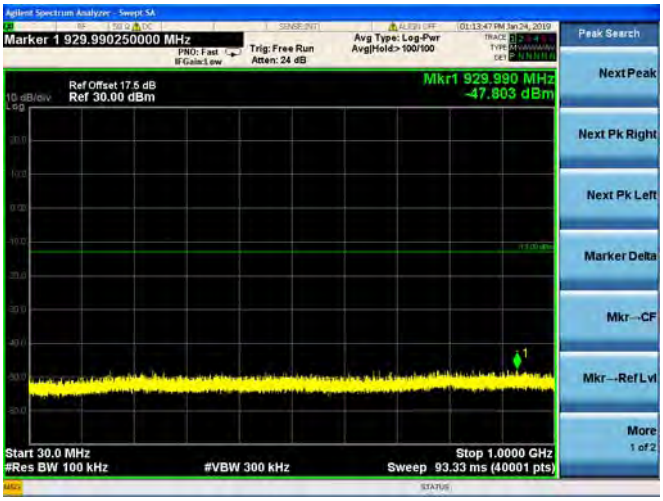
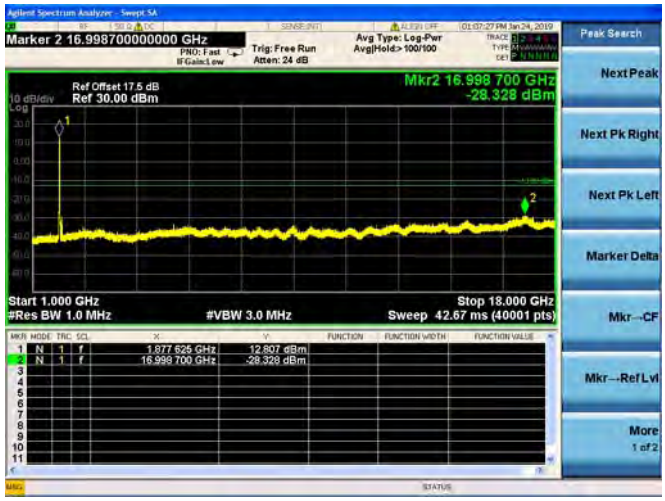
	

LTE Band 2 20MHz BW Mid Channel	
QPSK	
	
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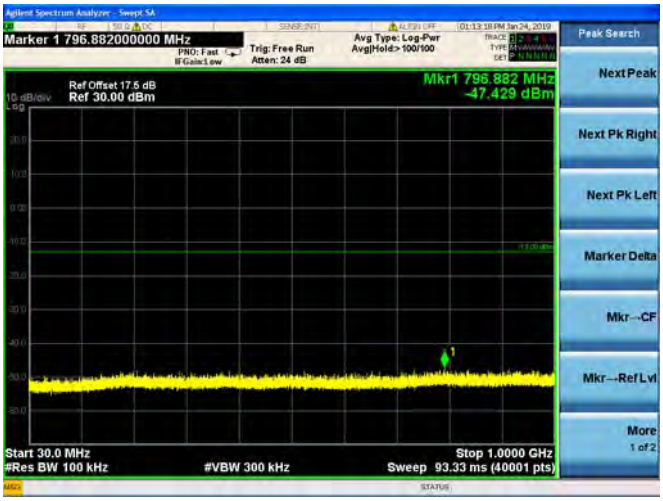
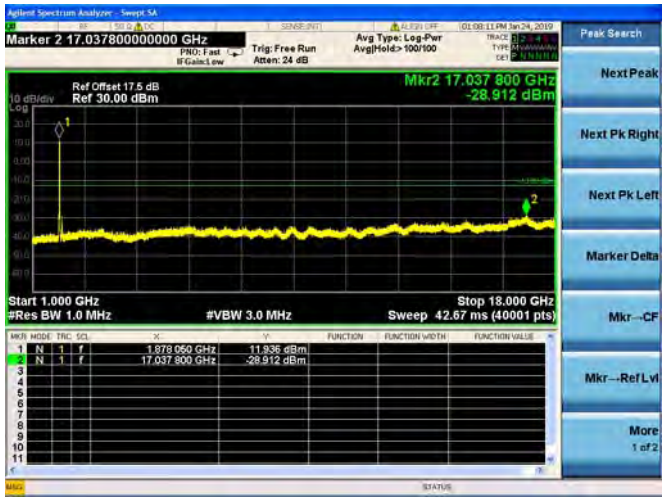
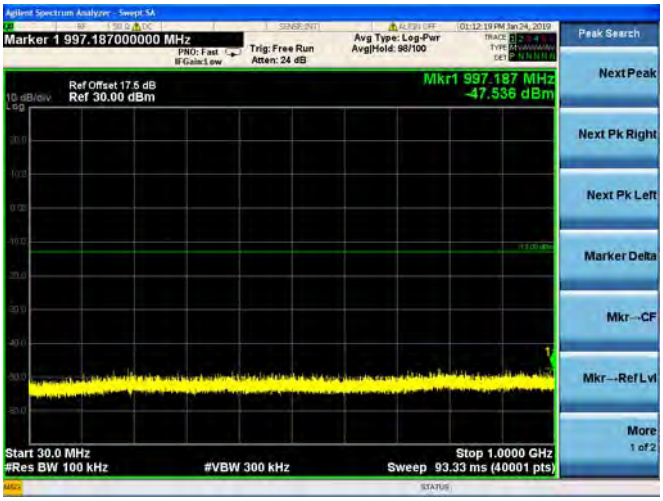
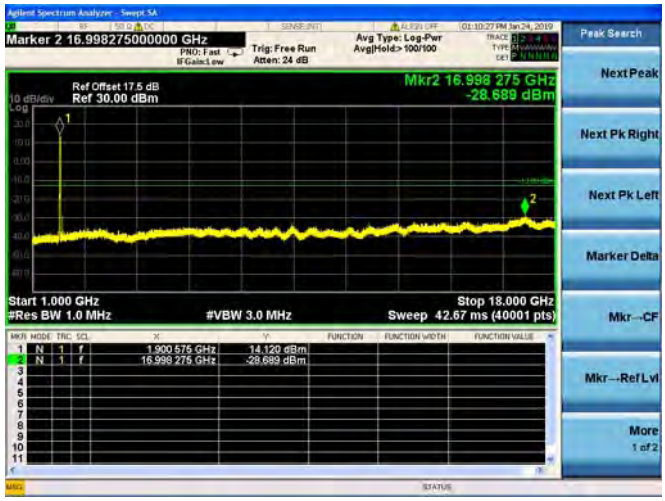
	

LTE Band 2 20MHz BW High Channel	
QPSK	
	
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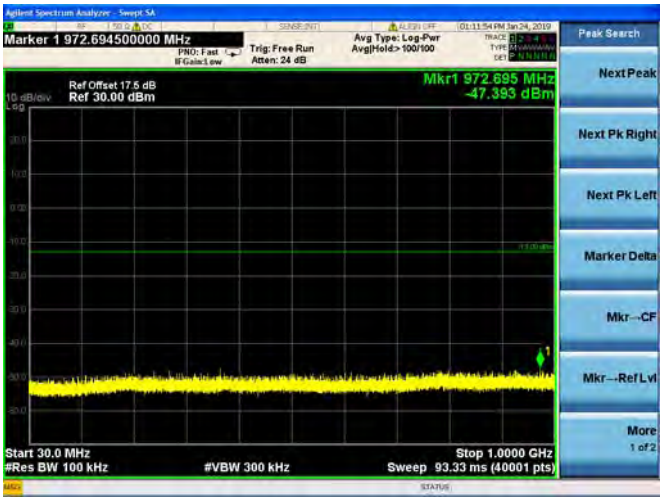
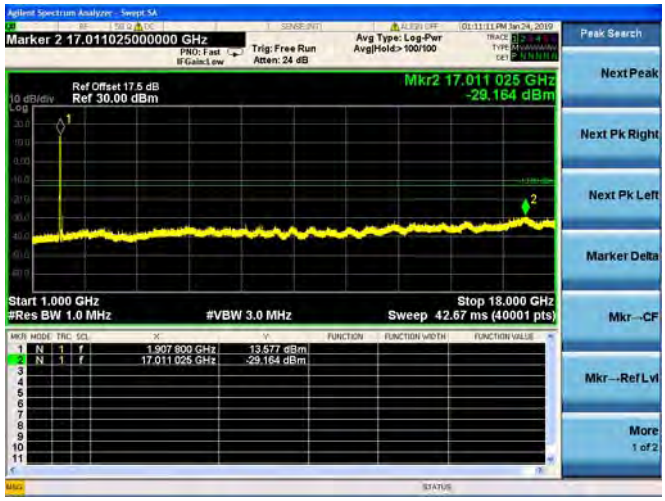
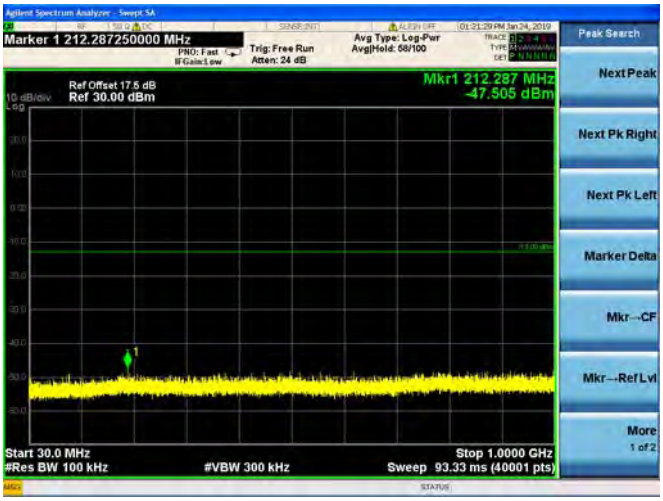
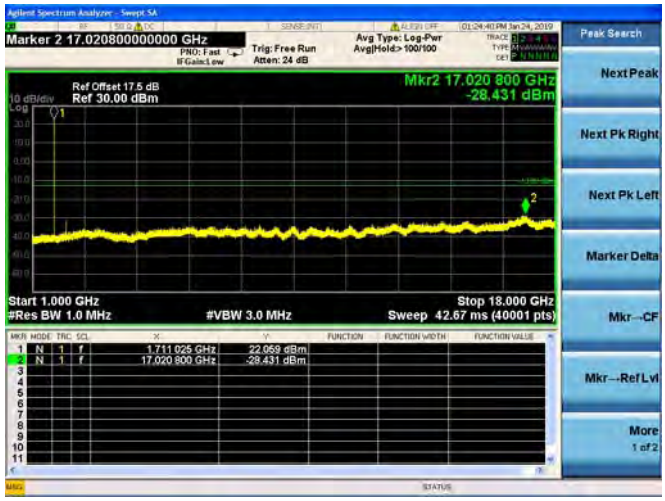
	

LTE Band 4 1.4MHz BW Low Channel	
QPSK	
	
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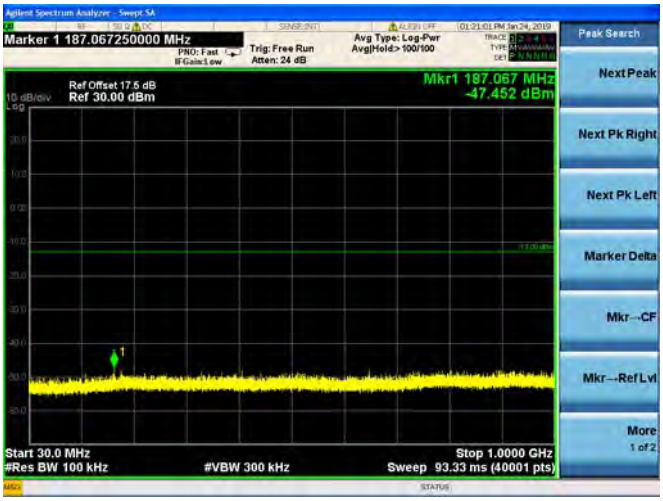
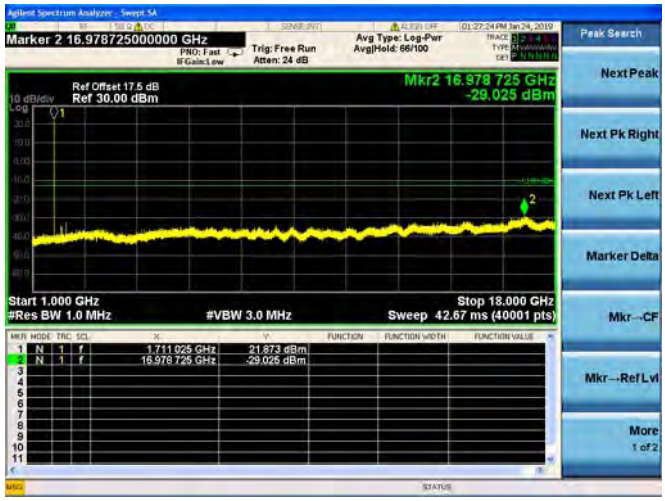
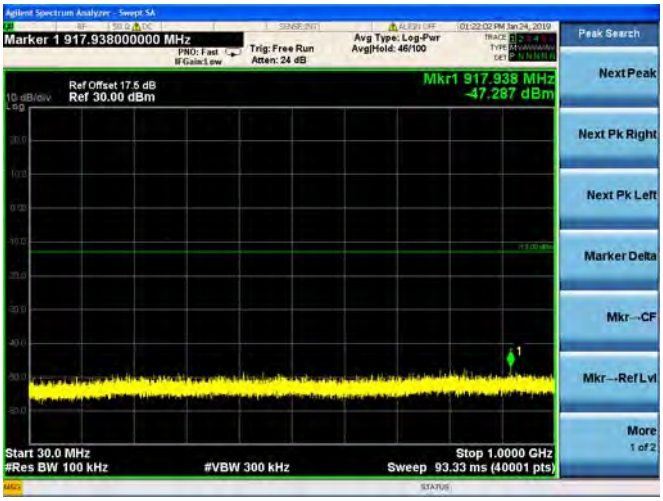
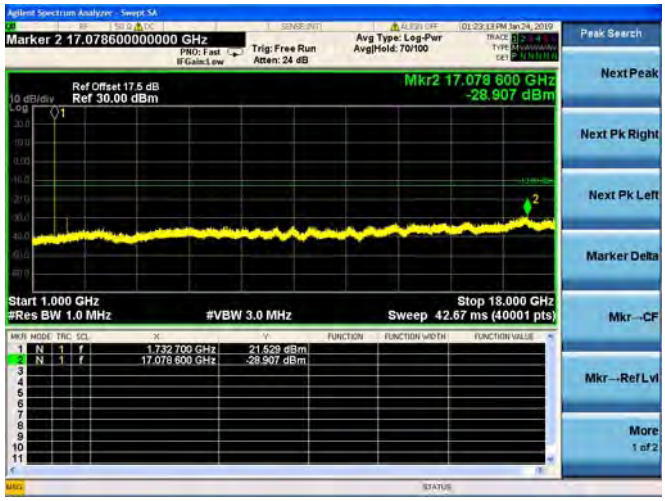
	

LTE Band 4 1.4MHz BW Mid Channel	
QPSK	
	
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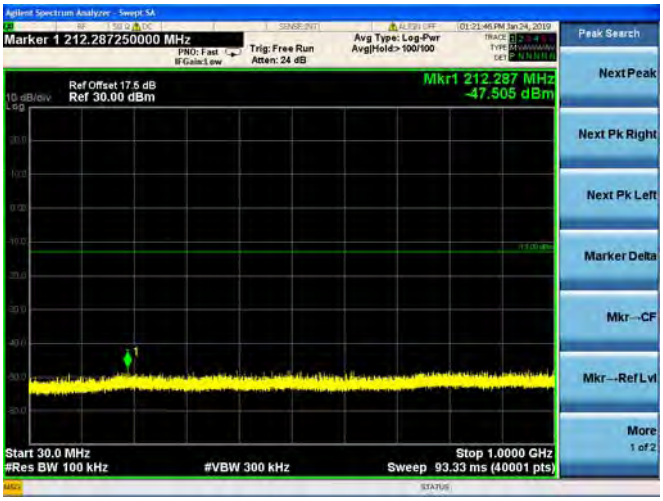	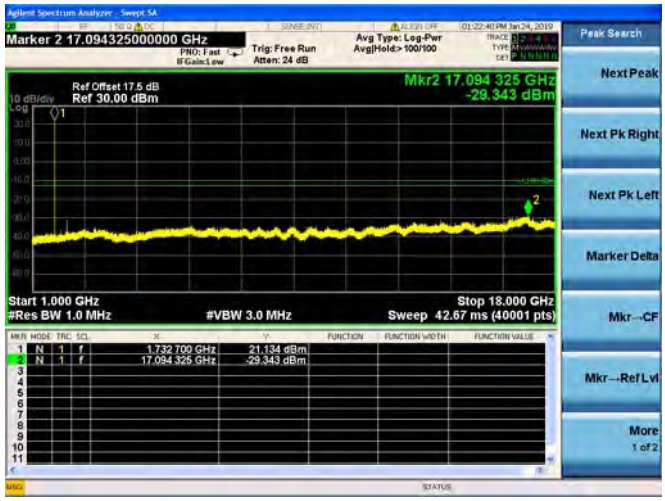

LTE Band 4 1.4MHz BW High Channel	
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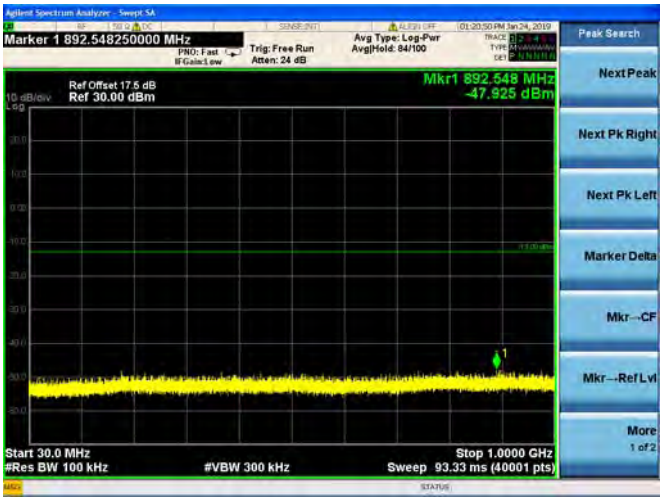	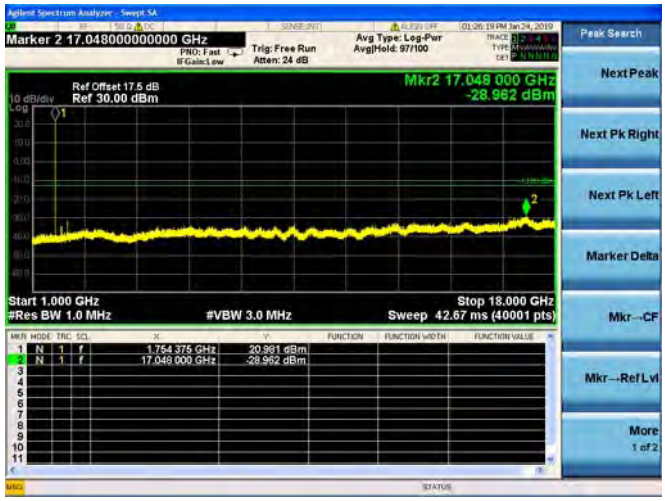
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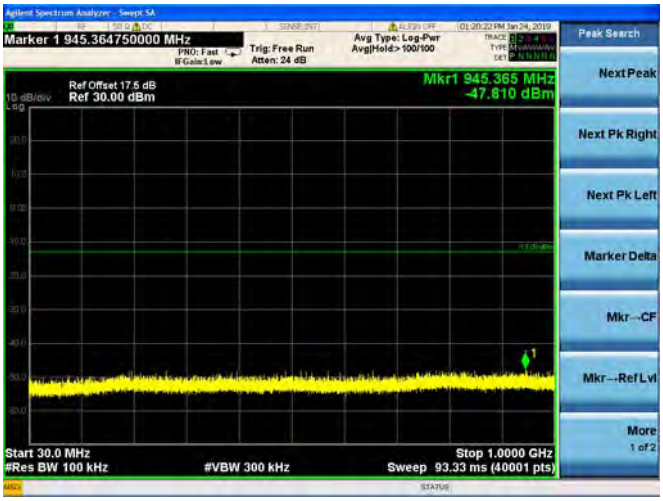	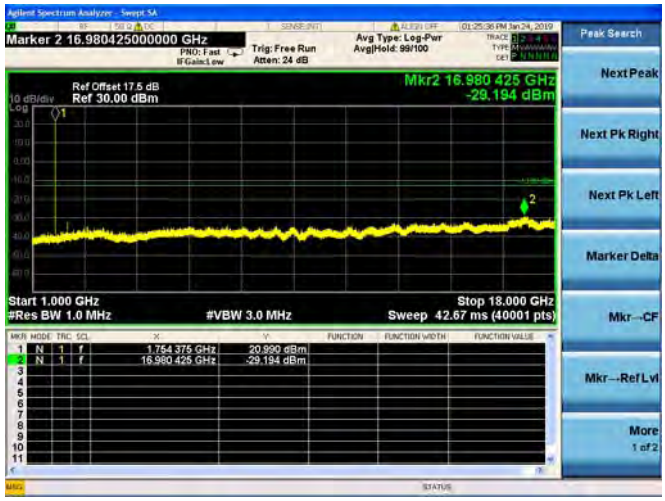

LTE Band 4 3MHz BW Low Channel	
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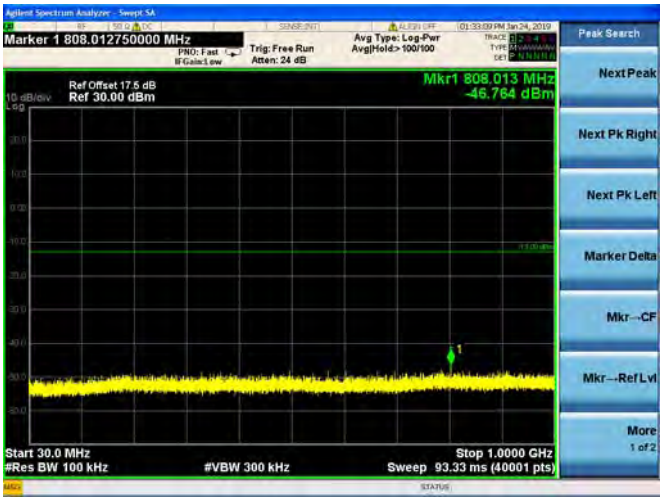	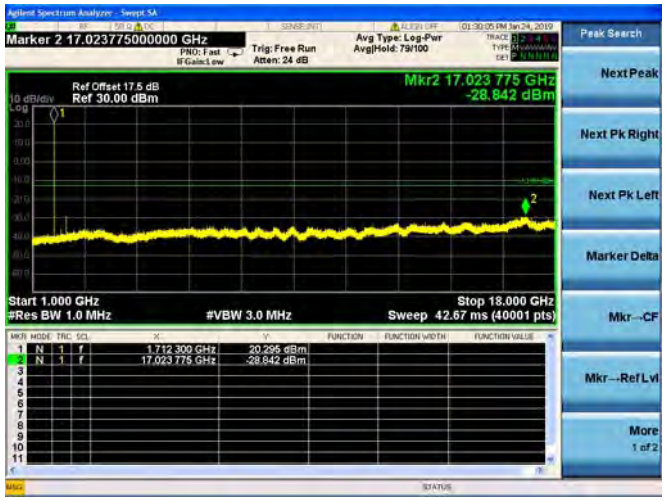
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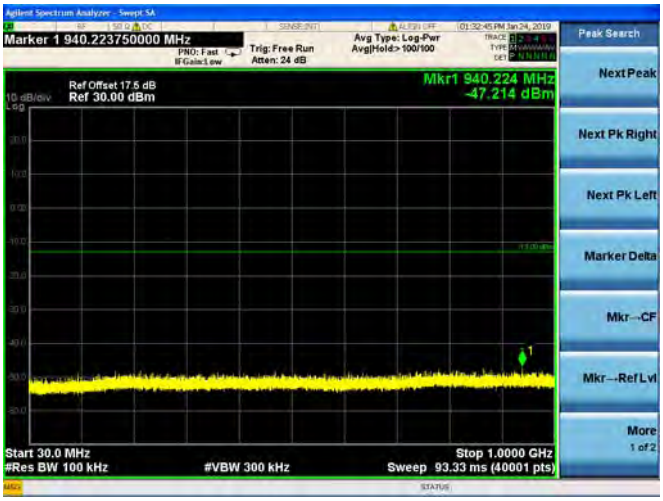
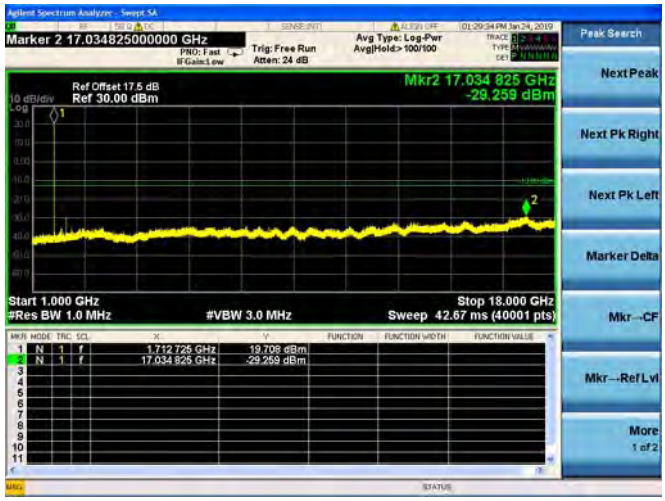
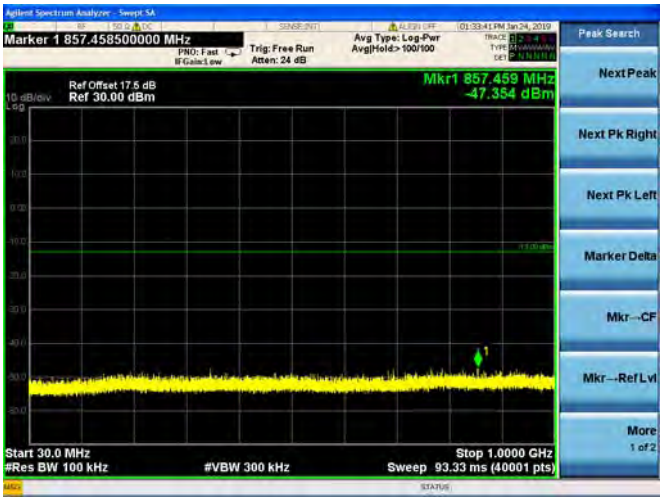
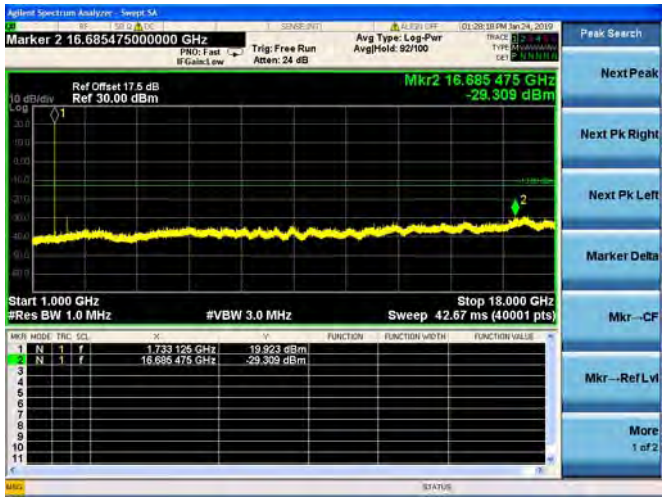
	

LTE Band 4 3MHz BW Mid Channel	
QPSK	
	
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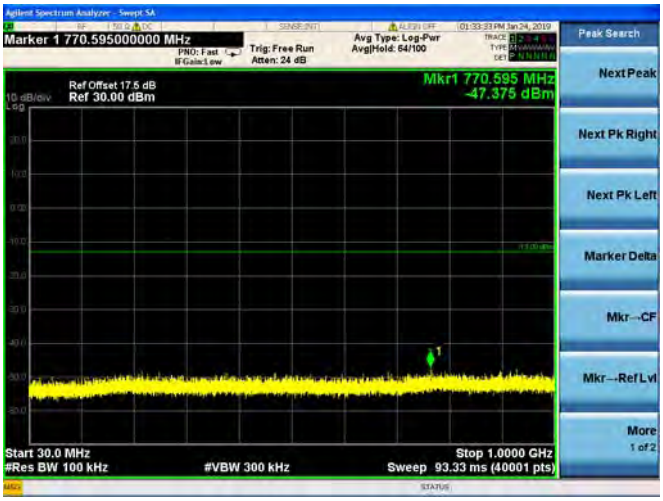
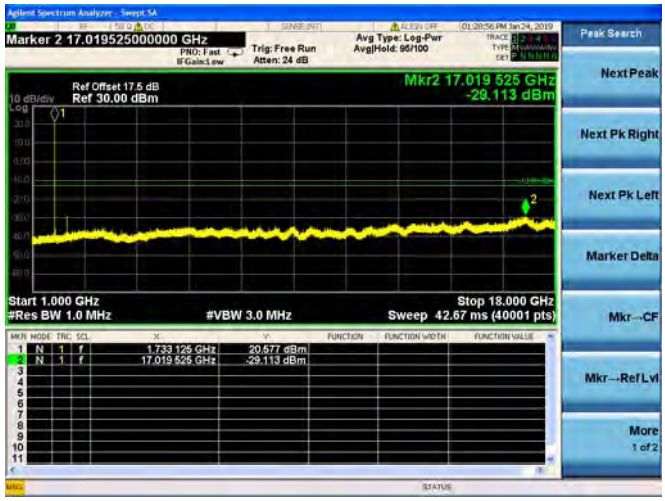
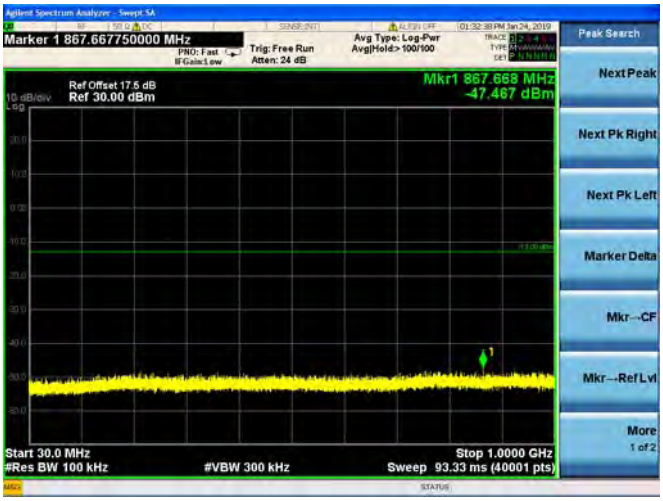
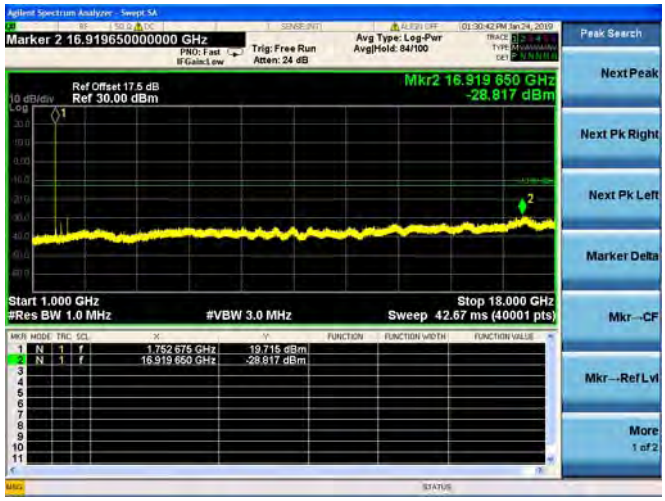
	

LTE Band 4 3MHz BW High Channel	
QPSK	
	
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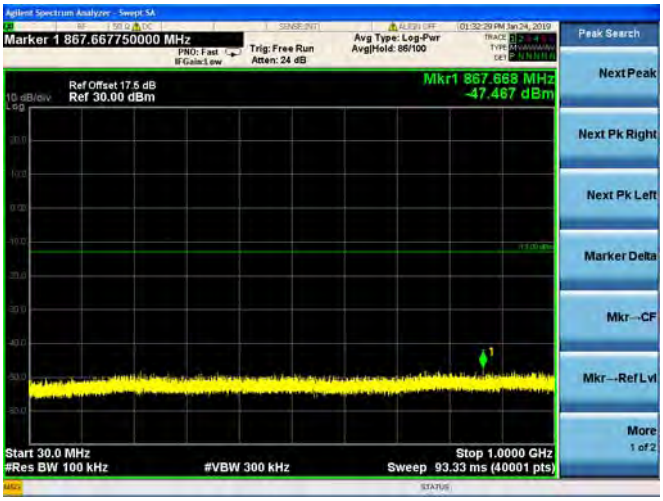
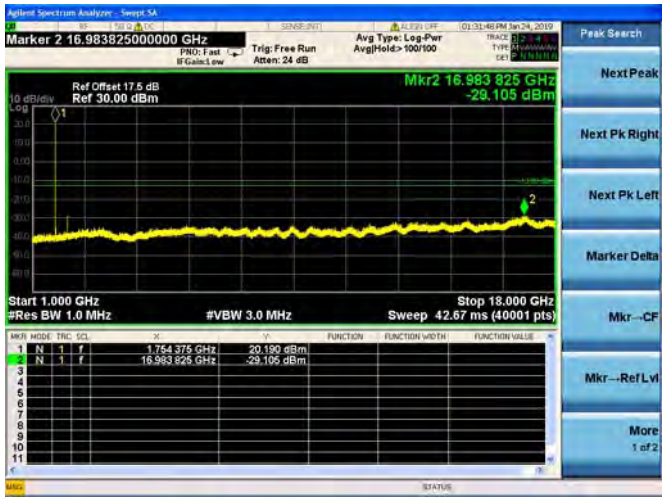
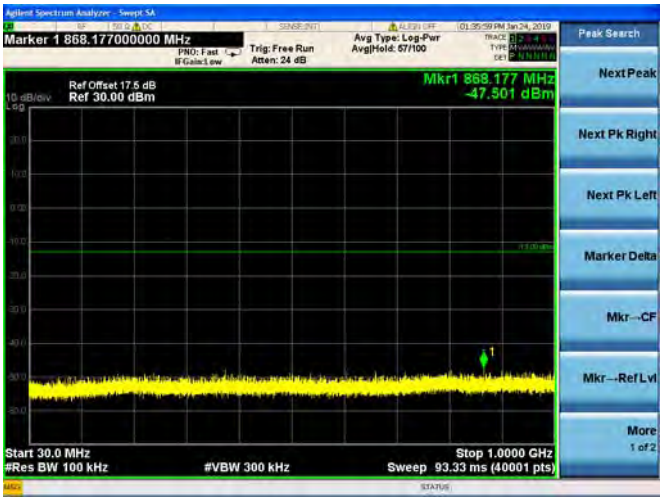
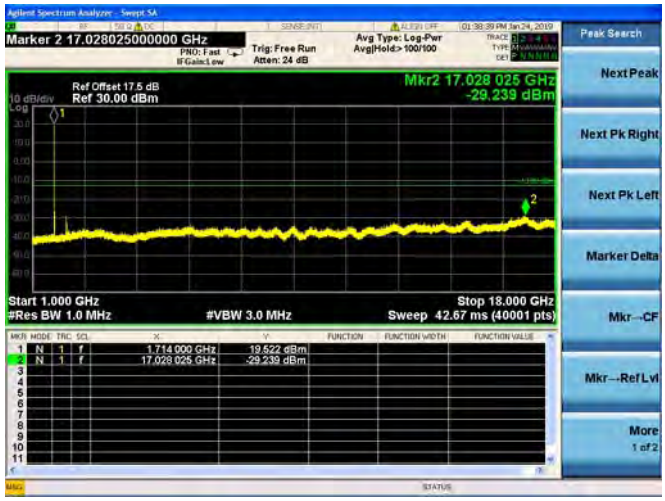
	

LTE Band 4 5MHz BW Low Channel	
QPSK	
	
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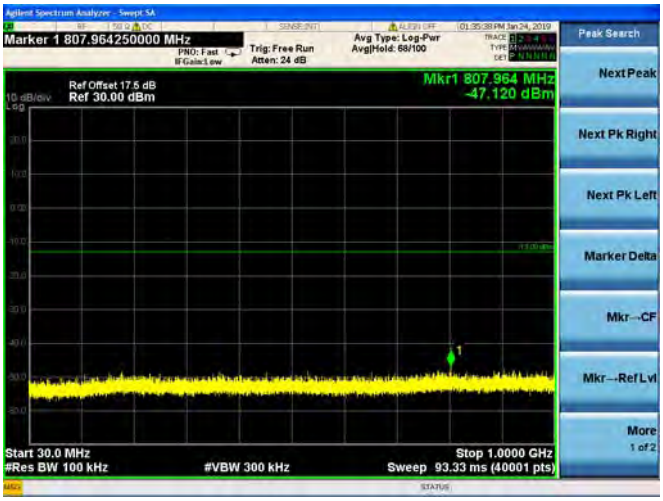
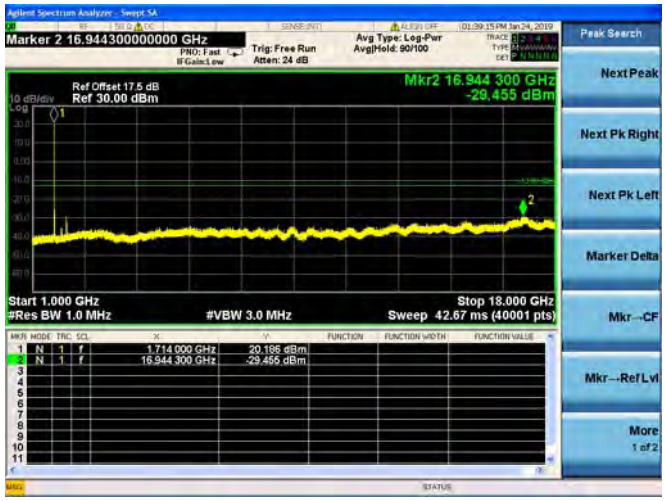
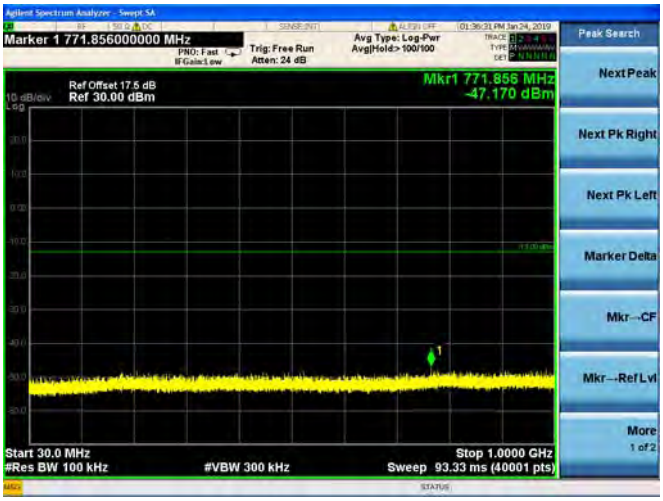
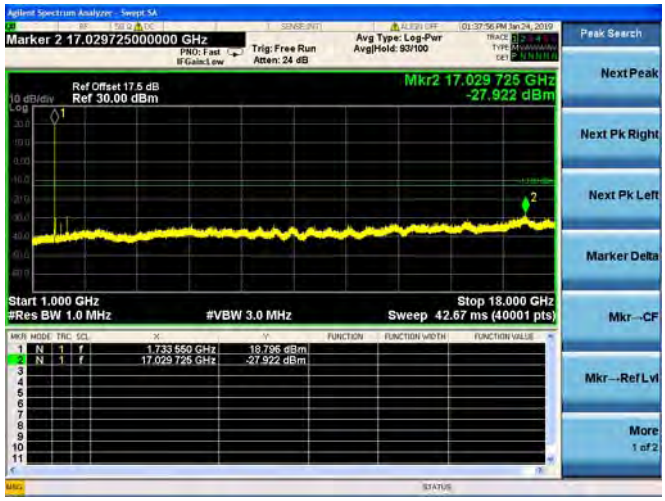
	

LTE Band 4 5MHz BW Mid Channel	
QPSK	
	
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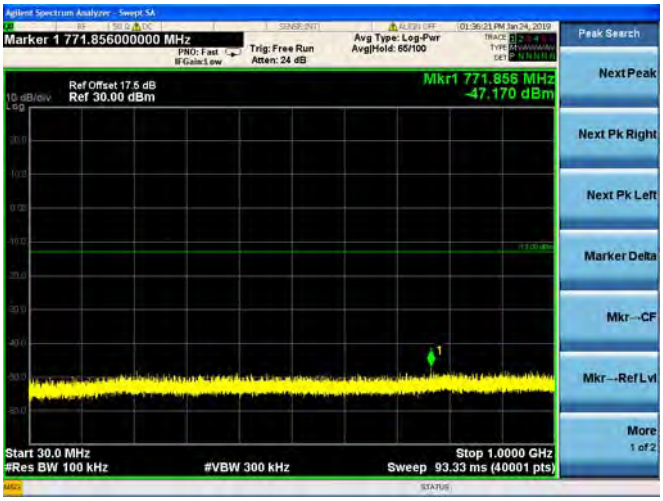
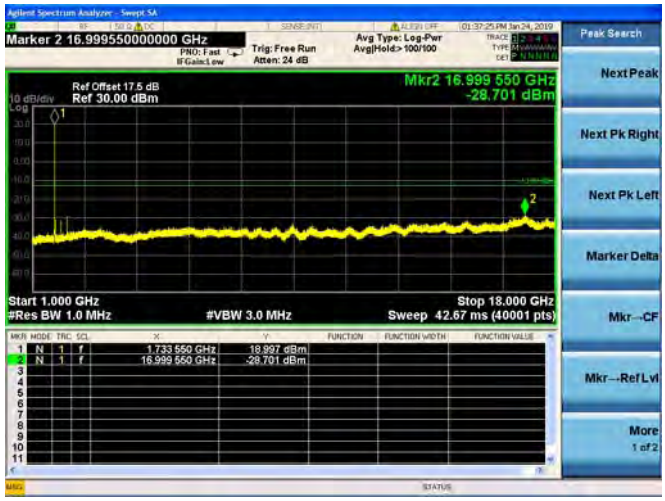
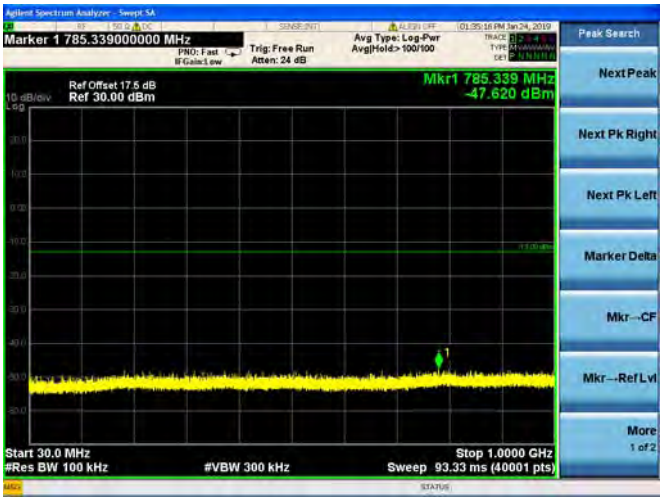
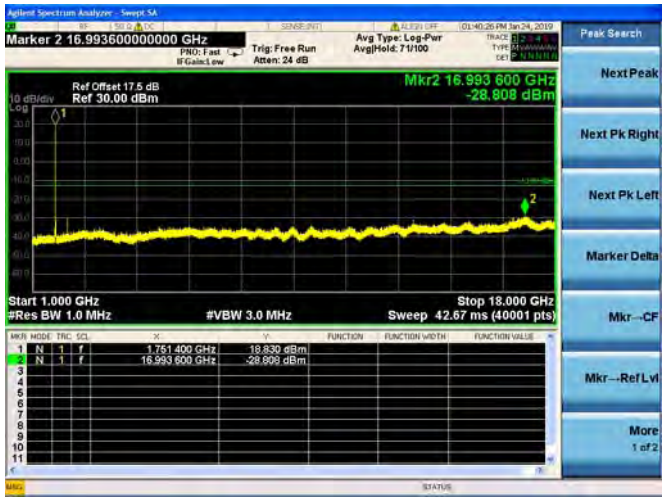
	

LTE Band 4 5MHz BW High Channel	
QPSK	
	
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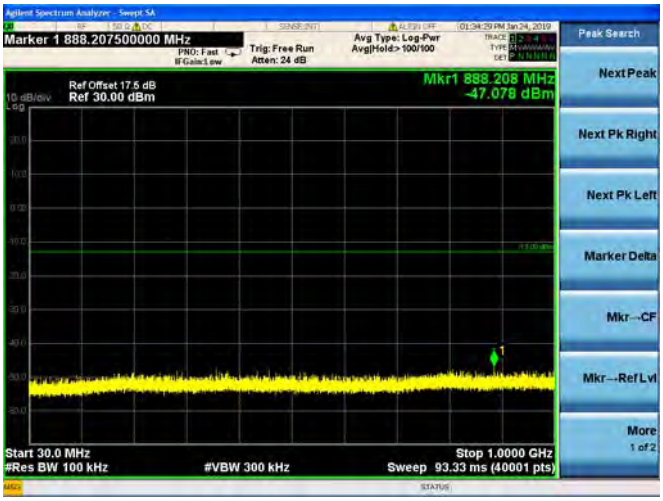
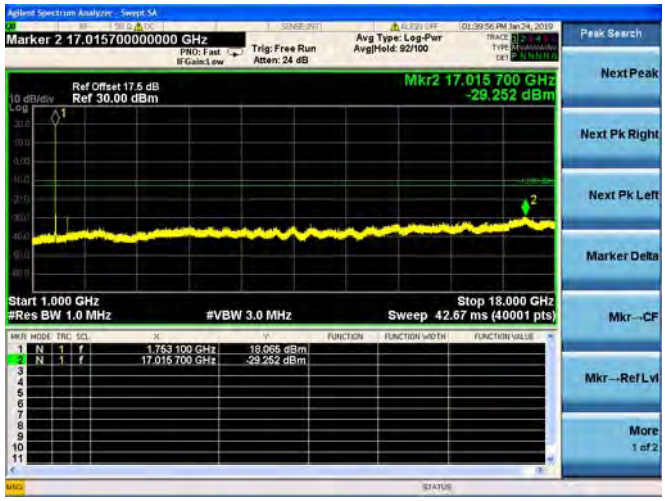
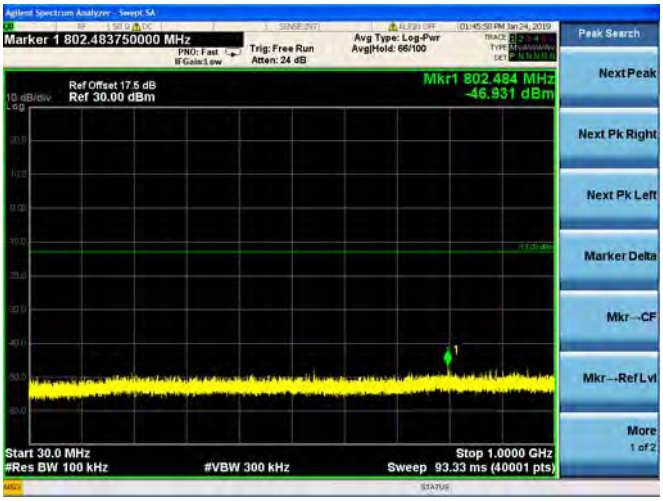
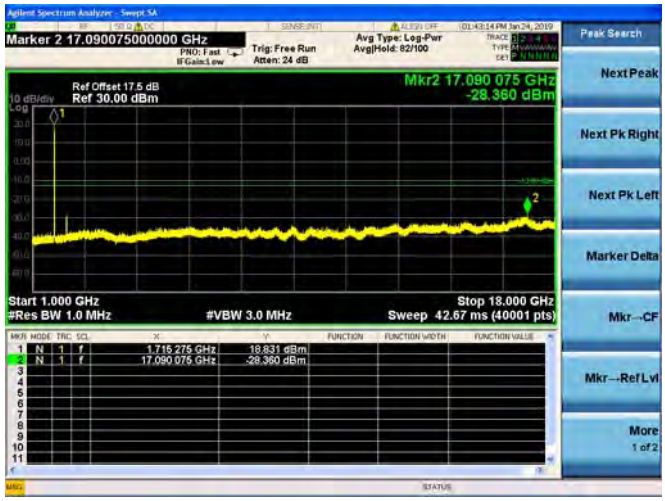
	

LTE Band 4 10MHz BW Low Channel	
QPSK	
	
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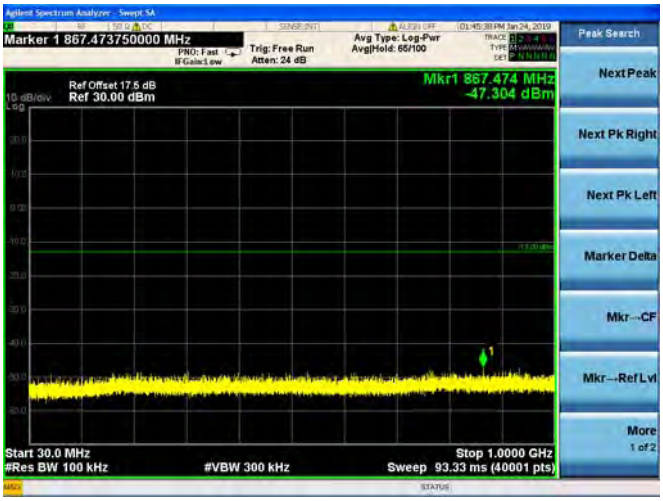
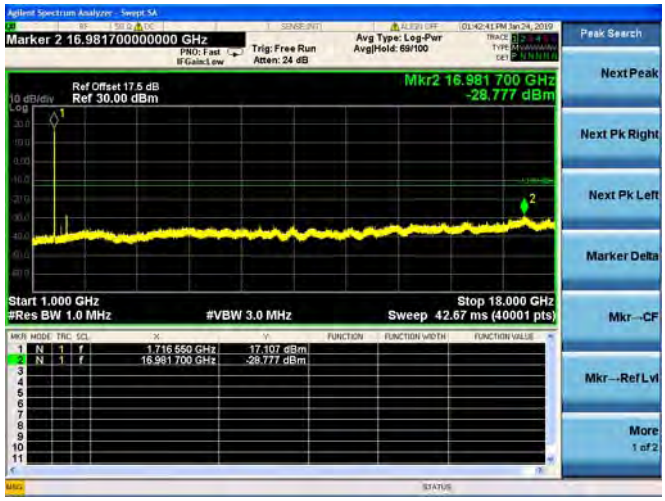
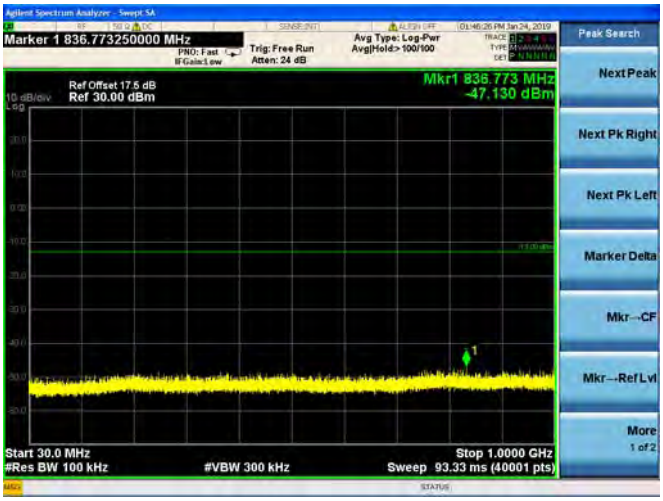
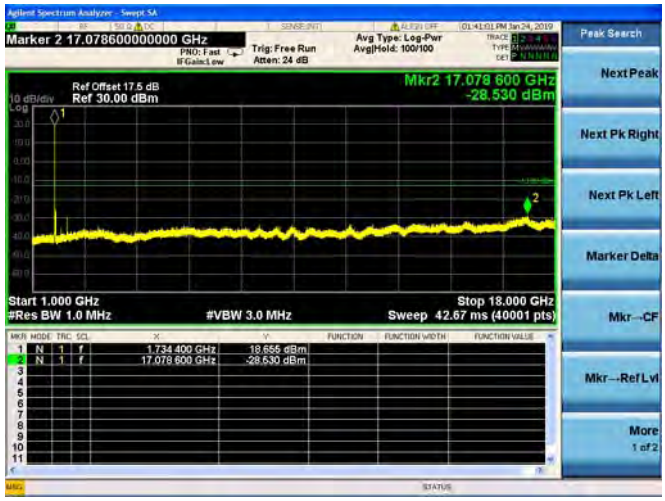
	

LTE Band 4 10MHz BW Mid Channel	
QPSK	
	
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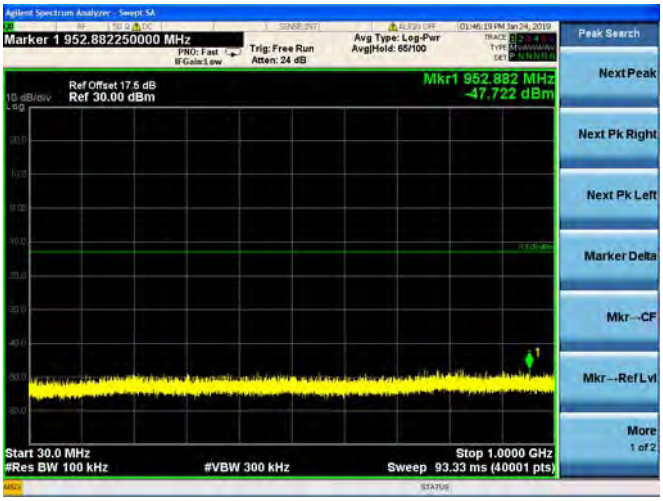
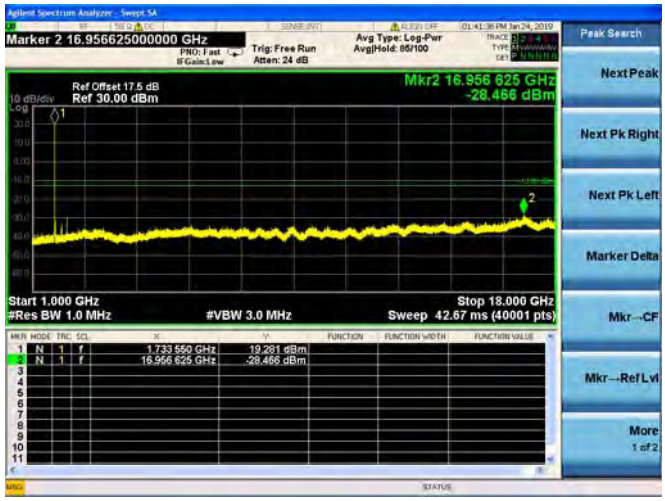
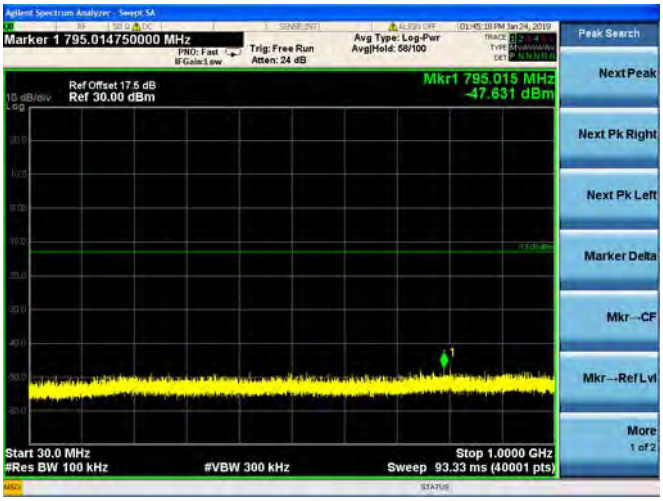
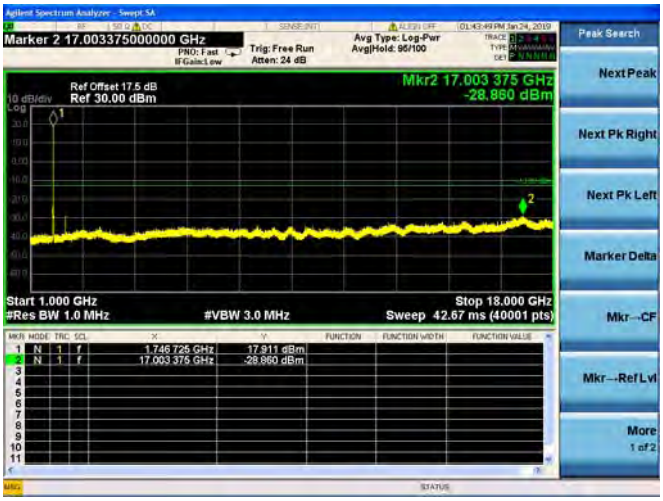
	

LTE Band 4 10MHz BW High Channel	
QPSK	
	
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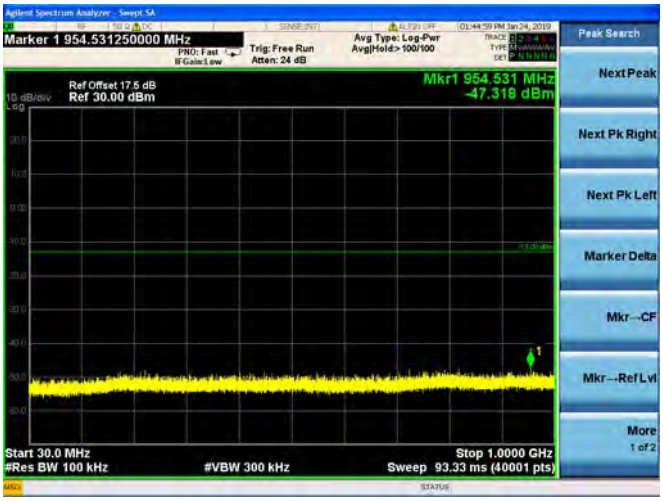
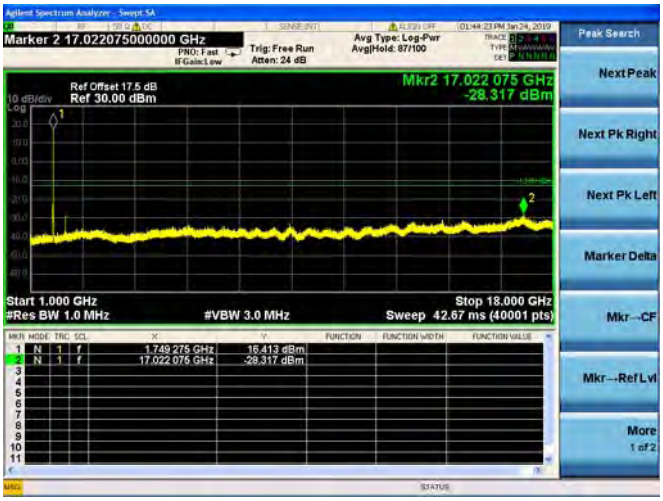
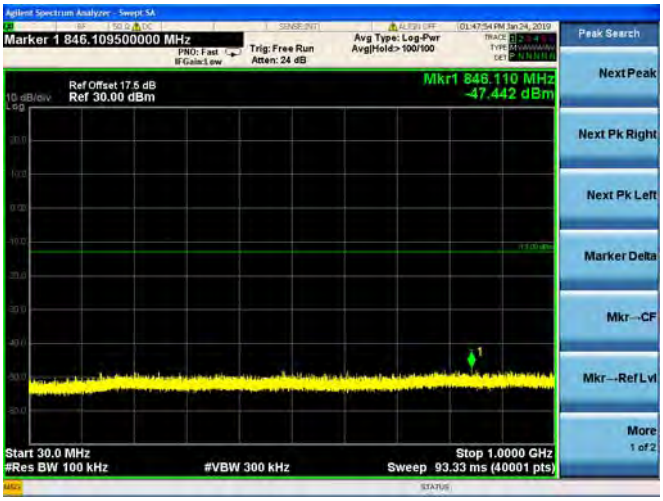
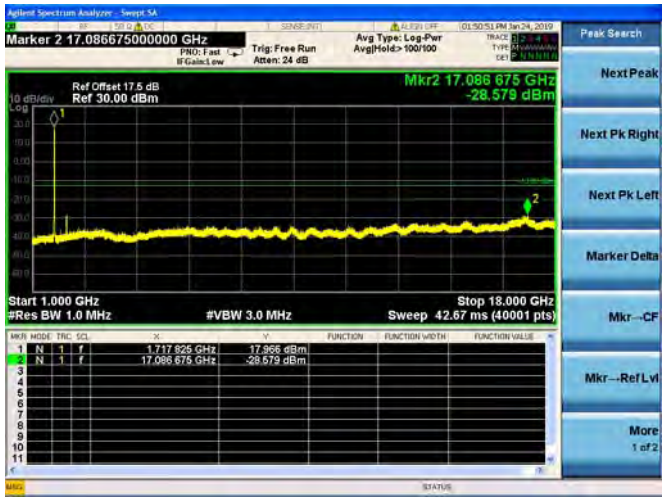
	

LTE Band 4 15MHz BW Low Channel	
QPSK	
	
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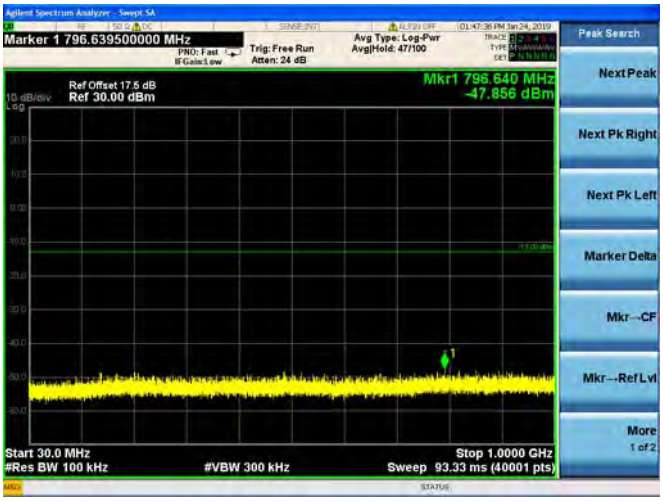	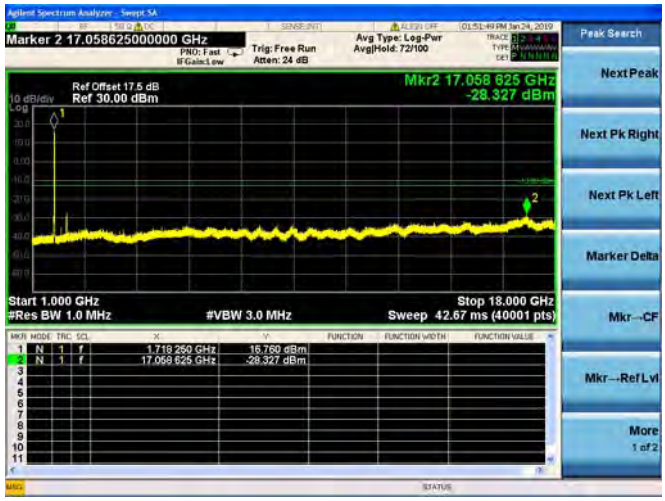

LTE Band 4 15MHz BW Mid Channel	
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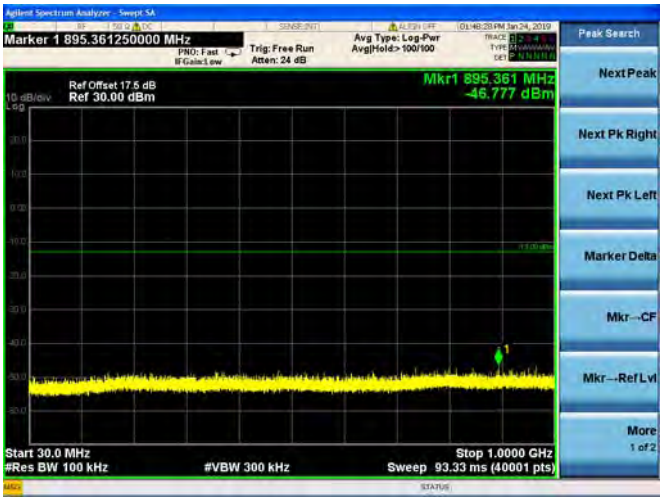	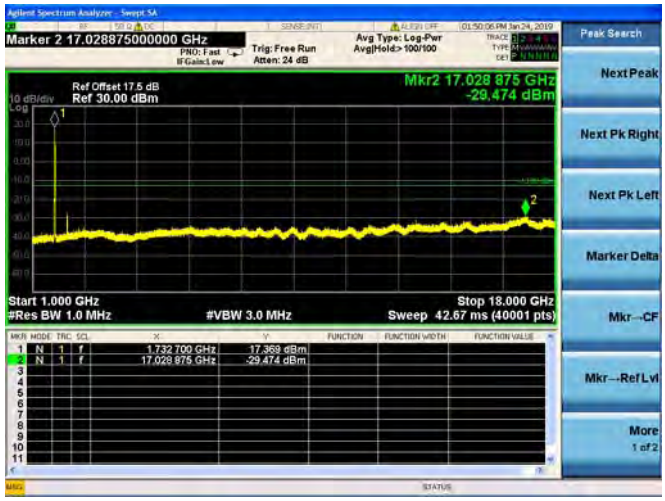
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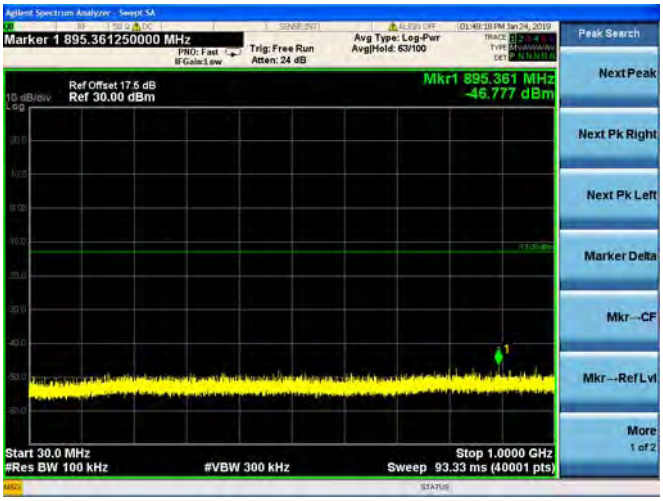
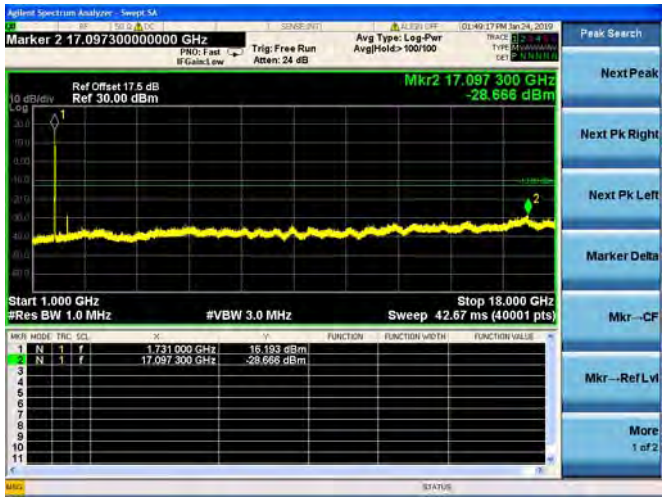
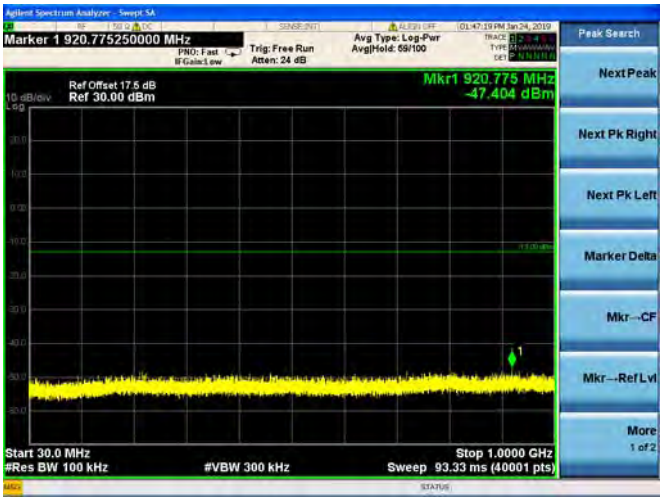
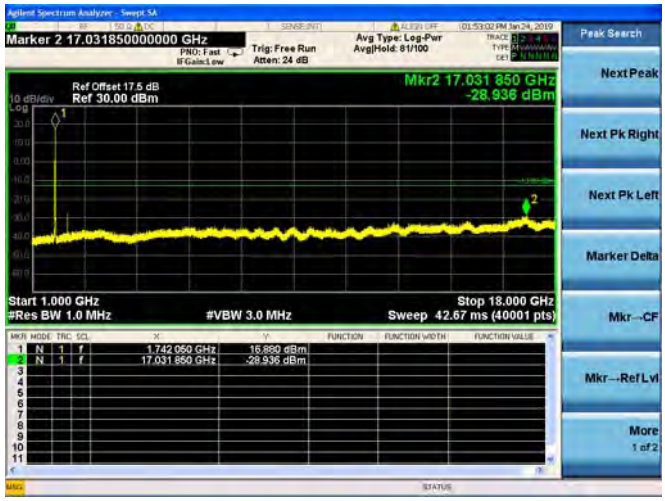
	

LTE Band 4 15MHz BW High Channel	
QPSK	
	
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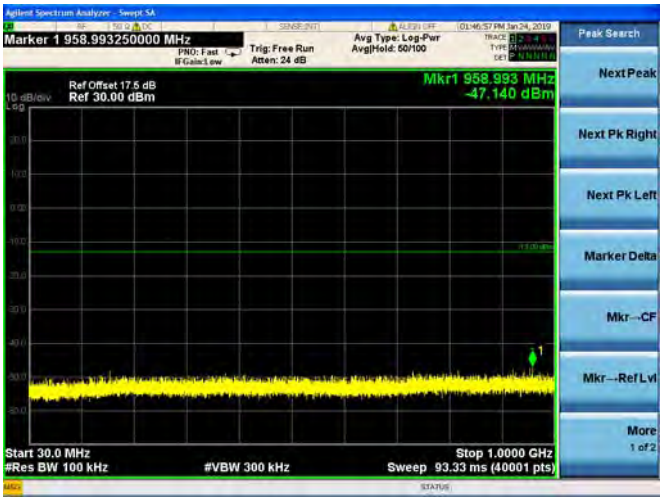
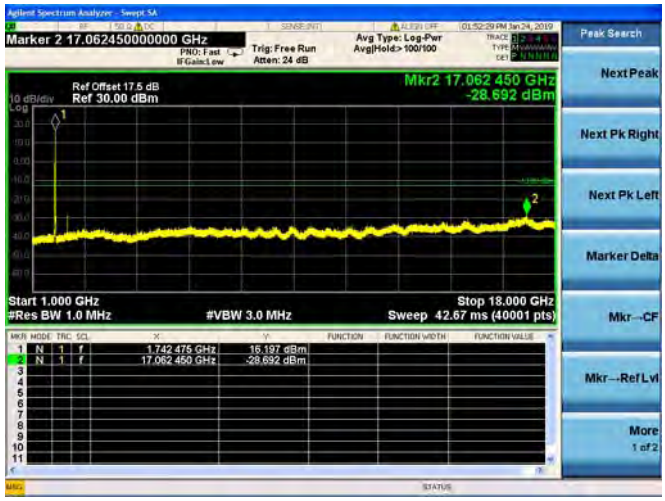
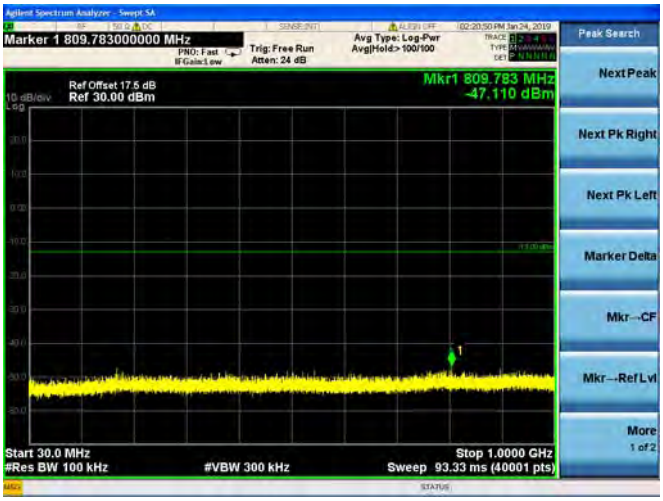
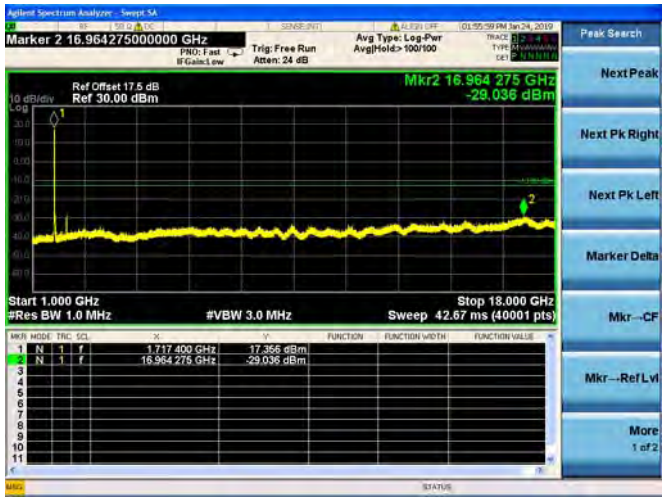
	

LTE Band 4 20MHz BW Low Channel	
QPSK	
	
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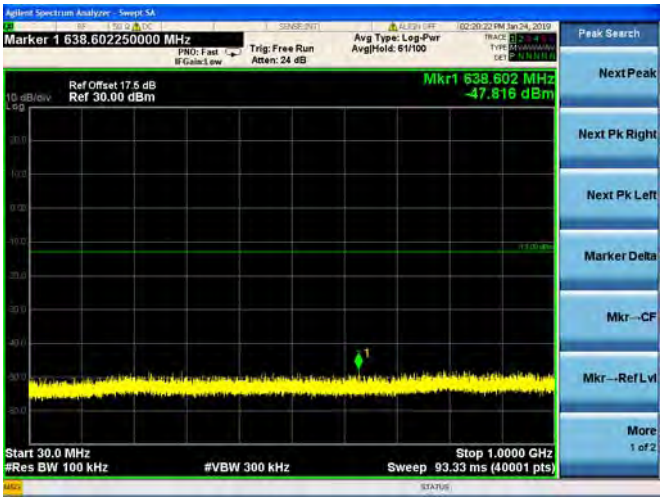
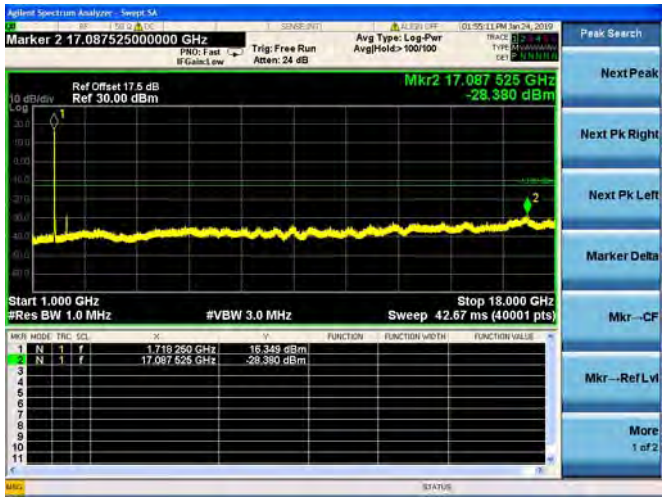
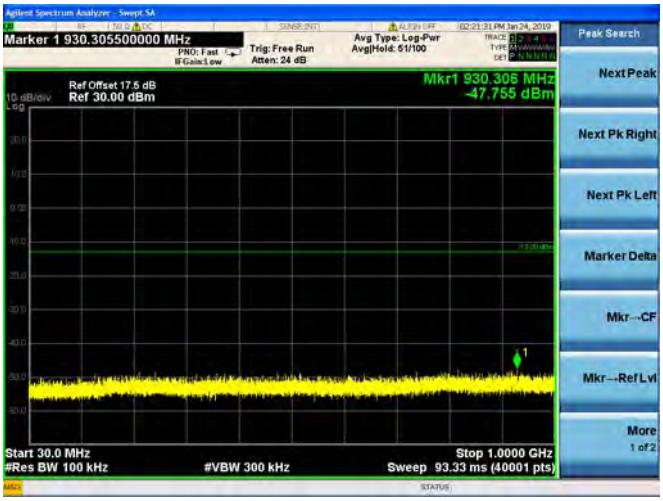
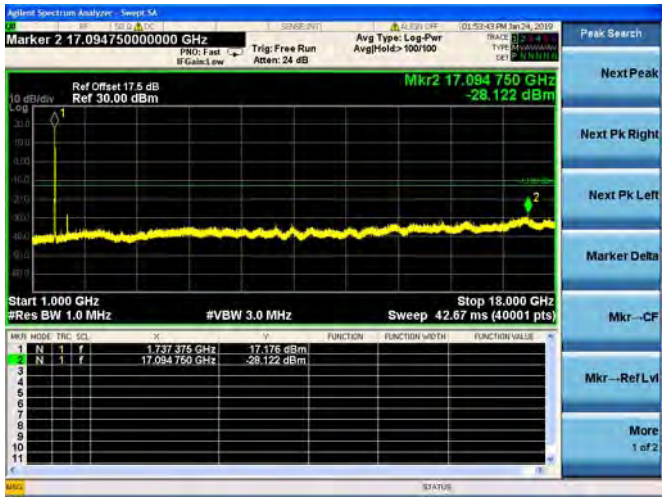
	

LTE Band 4 20MHz BW Mid Channel	
QPSK	
	
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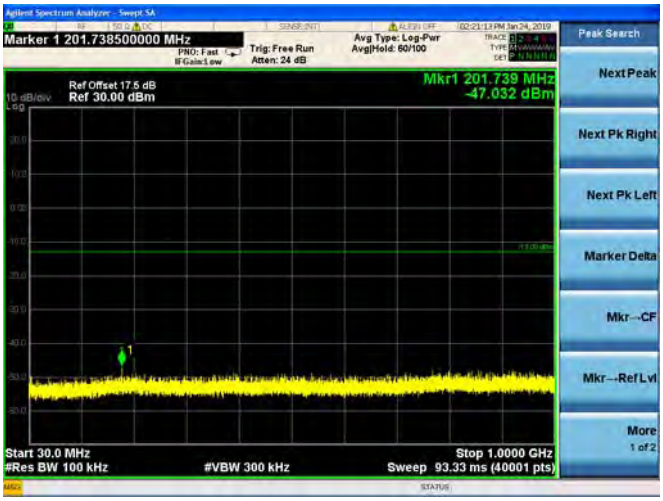
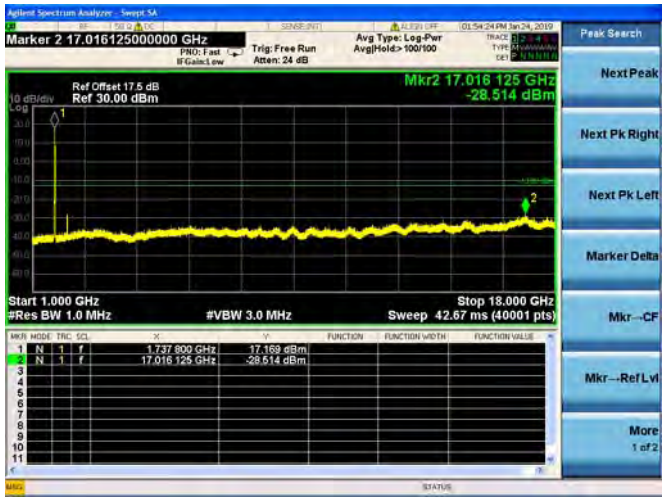
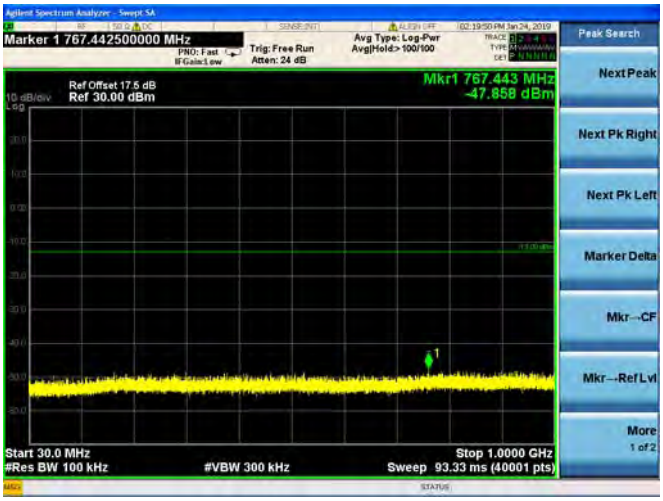
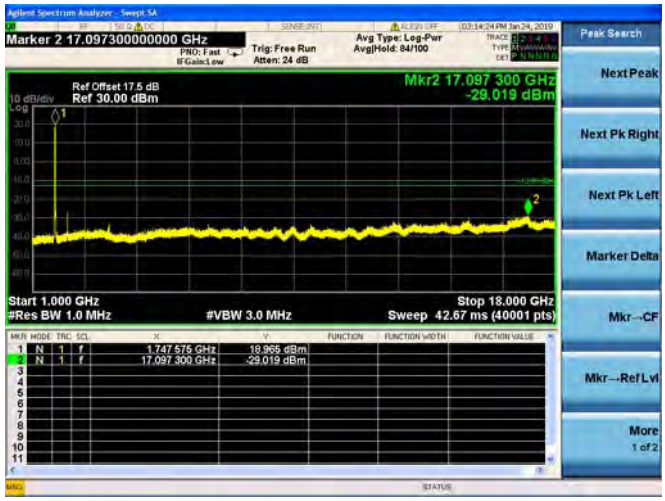
	

LTE Band 4 20MHz BW High Channel	
QPSK	
	
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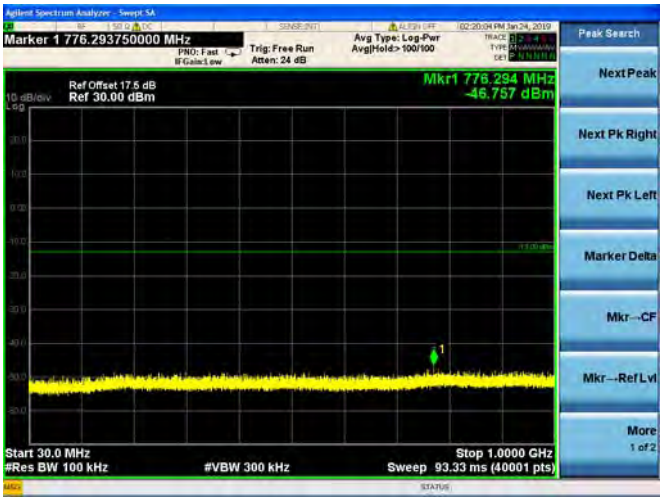
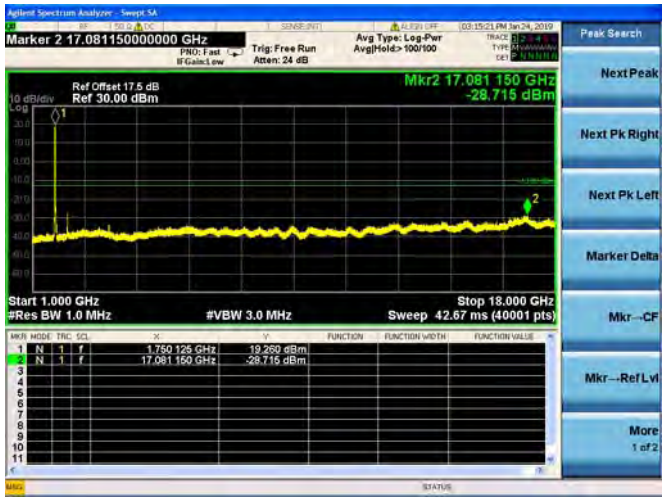
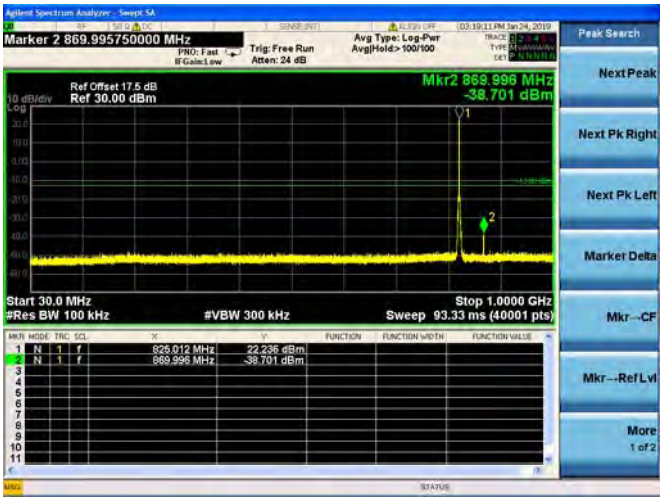
	

LTE Band 5 1.4MHz BW Low Channel	
QPSK	
	
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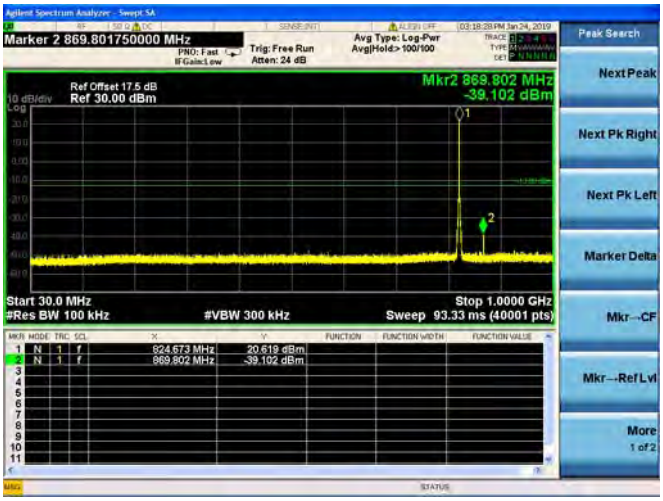	

LTE Band 5 1.4MHz BW Mid Channel	
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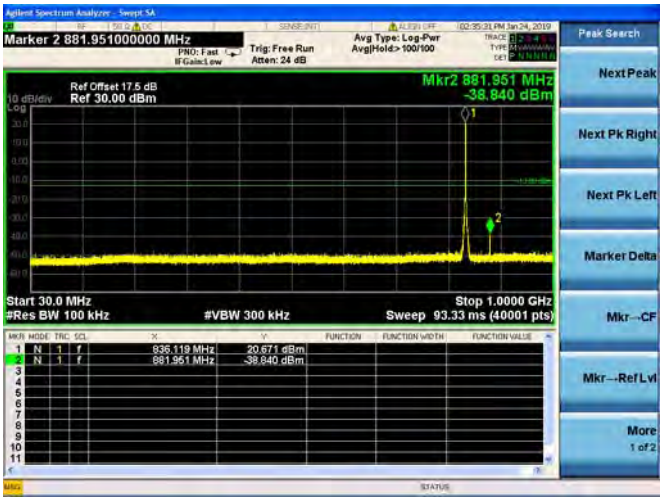	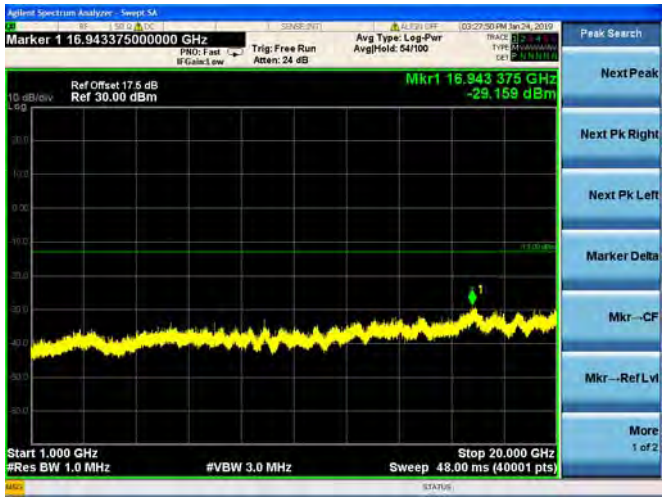
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