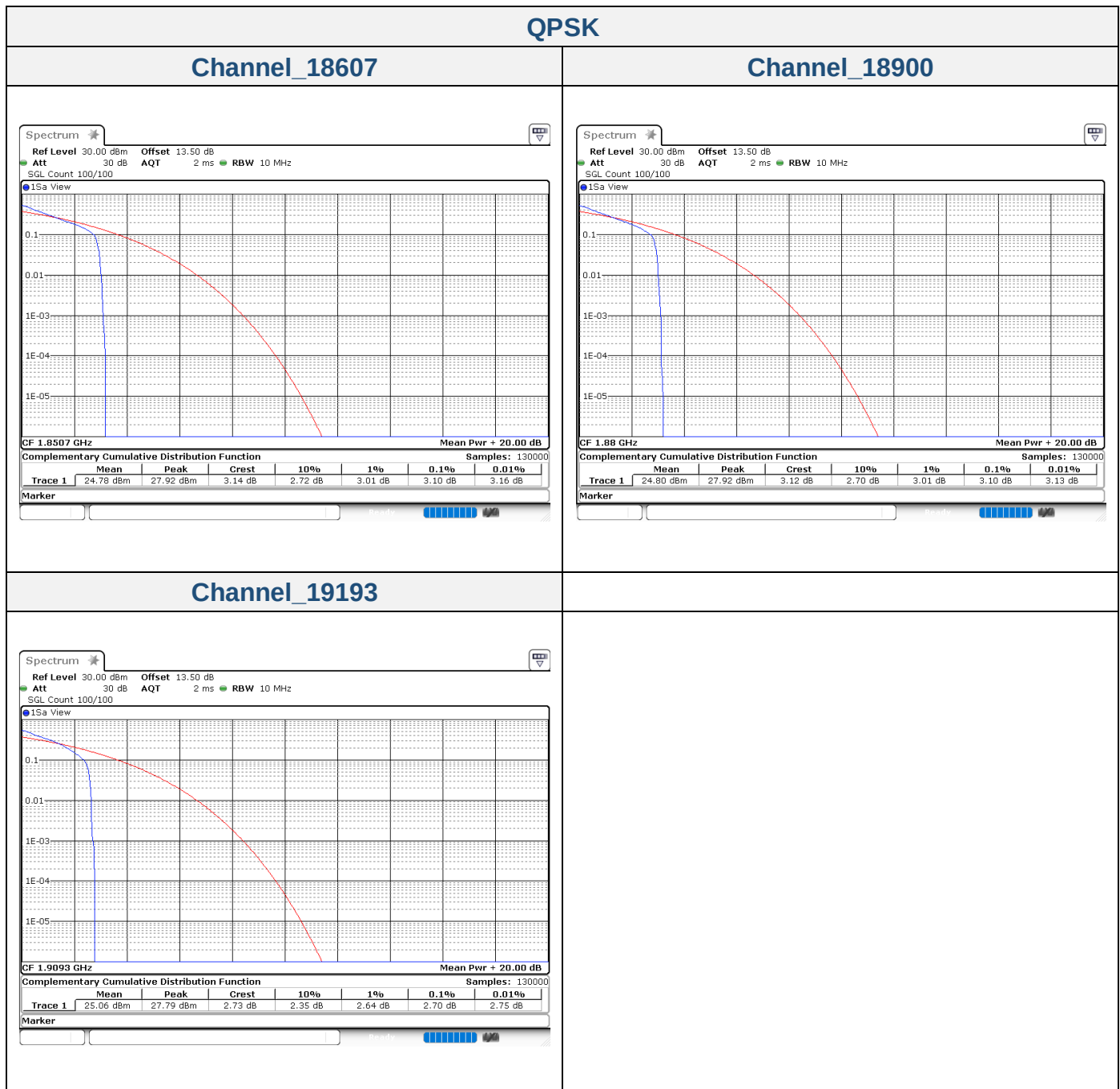


Appendix A: Test Results of Conducted Test

Peak to Average Ratio

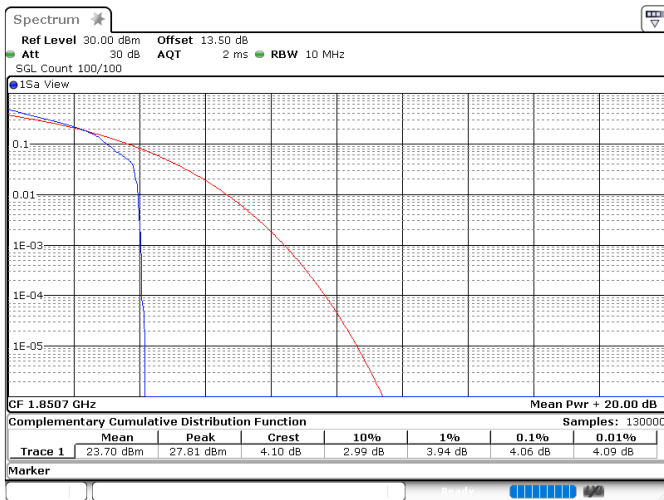
LTE Band 2 _ Channel Bandwidth: 1.4 MHz

Channel	Frequency (MHz)	Peak to Average Ratio (dB)	
		QPSK	16QAM
18607	1850.7	3.10	4.06
18900	1880.0	3.10	3.91
19193	1909.3	2.70	3.74

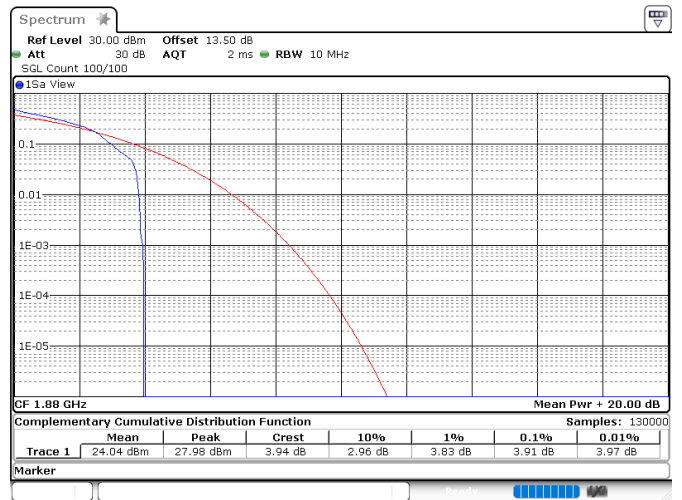


16QAM

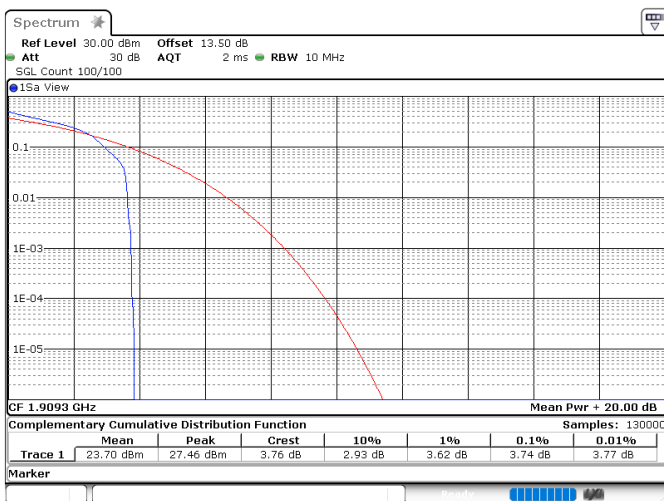
Channel_18607



Channel_18900

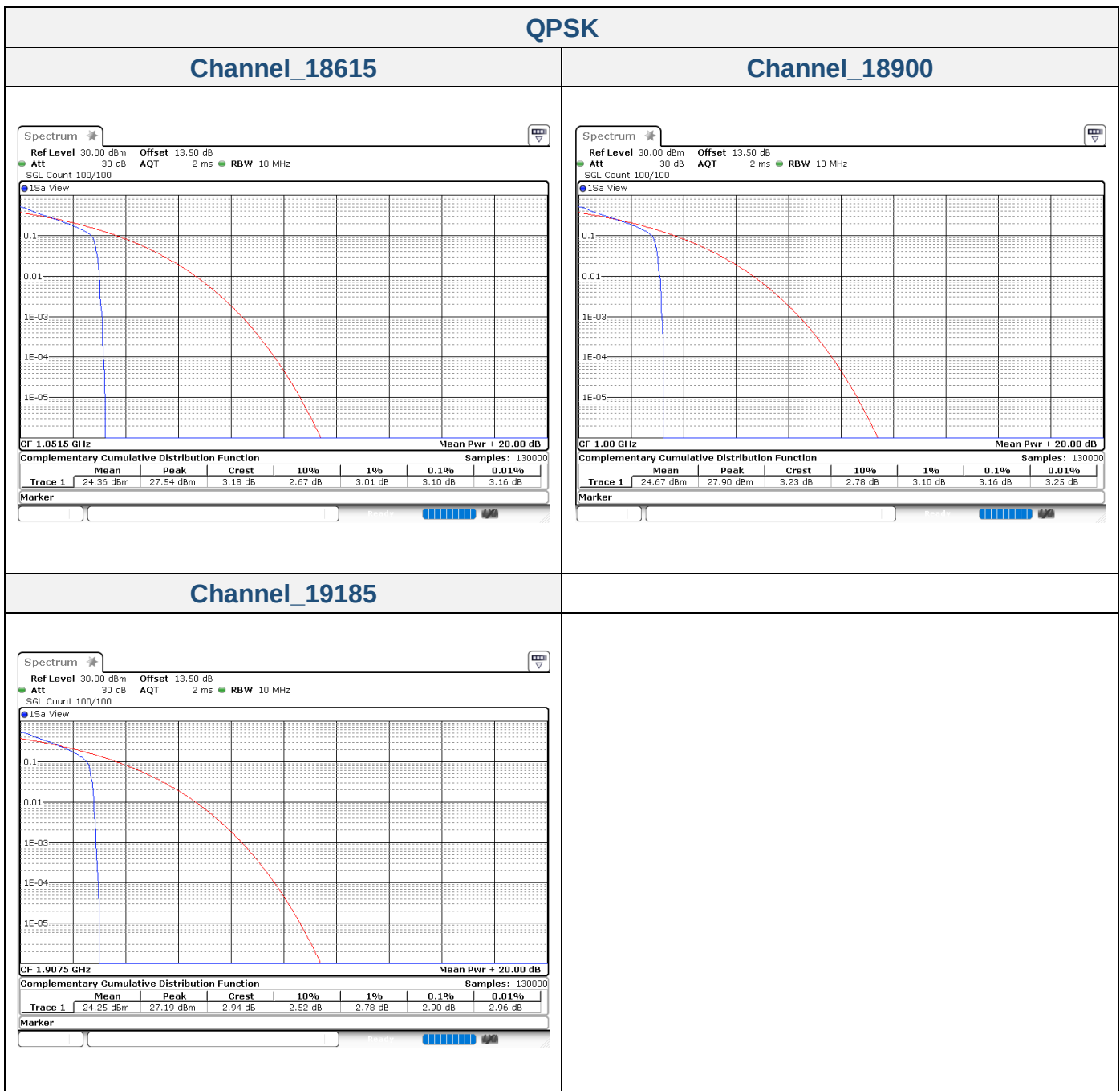


Channel_19193



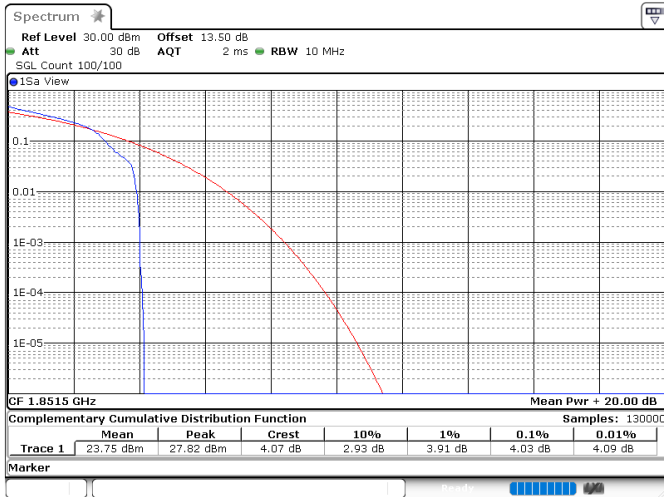
LTE Band 2 _ Channel Bandwidth: 3 MHz

Channel	Frequency (MHz)	Peak to Average Ratio (dB)	
		QPSK	16QAM
18615	1851.5	3.10	4.03
18900	1880.0	3.16	3.65
19185	1908.5	2.90	3.57

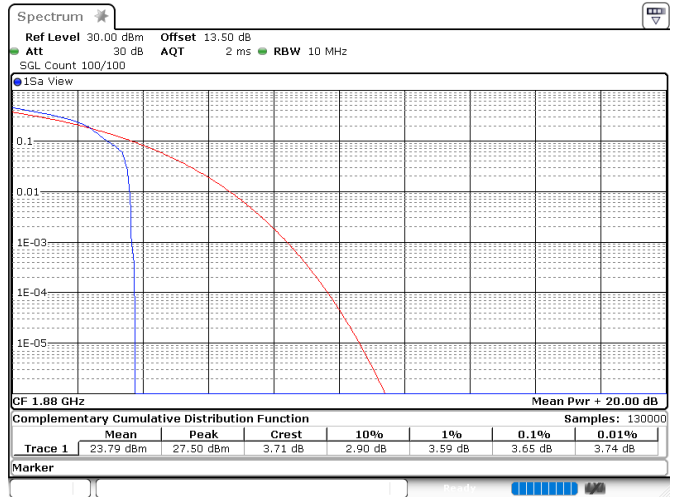


16QAM

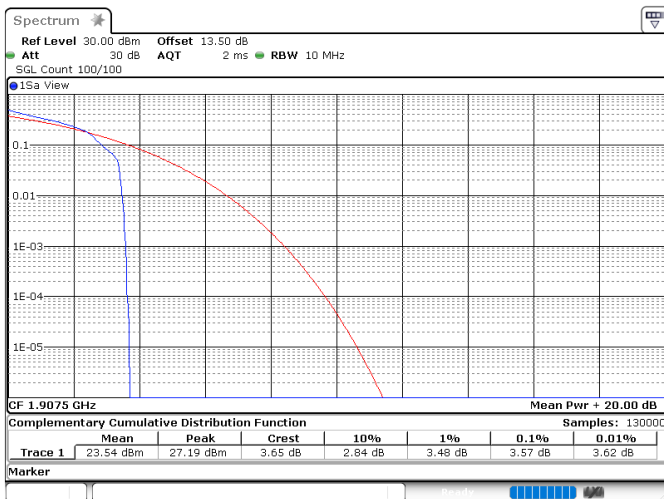
Channel_18615



Channel_18900

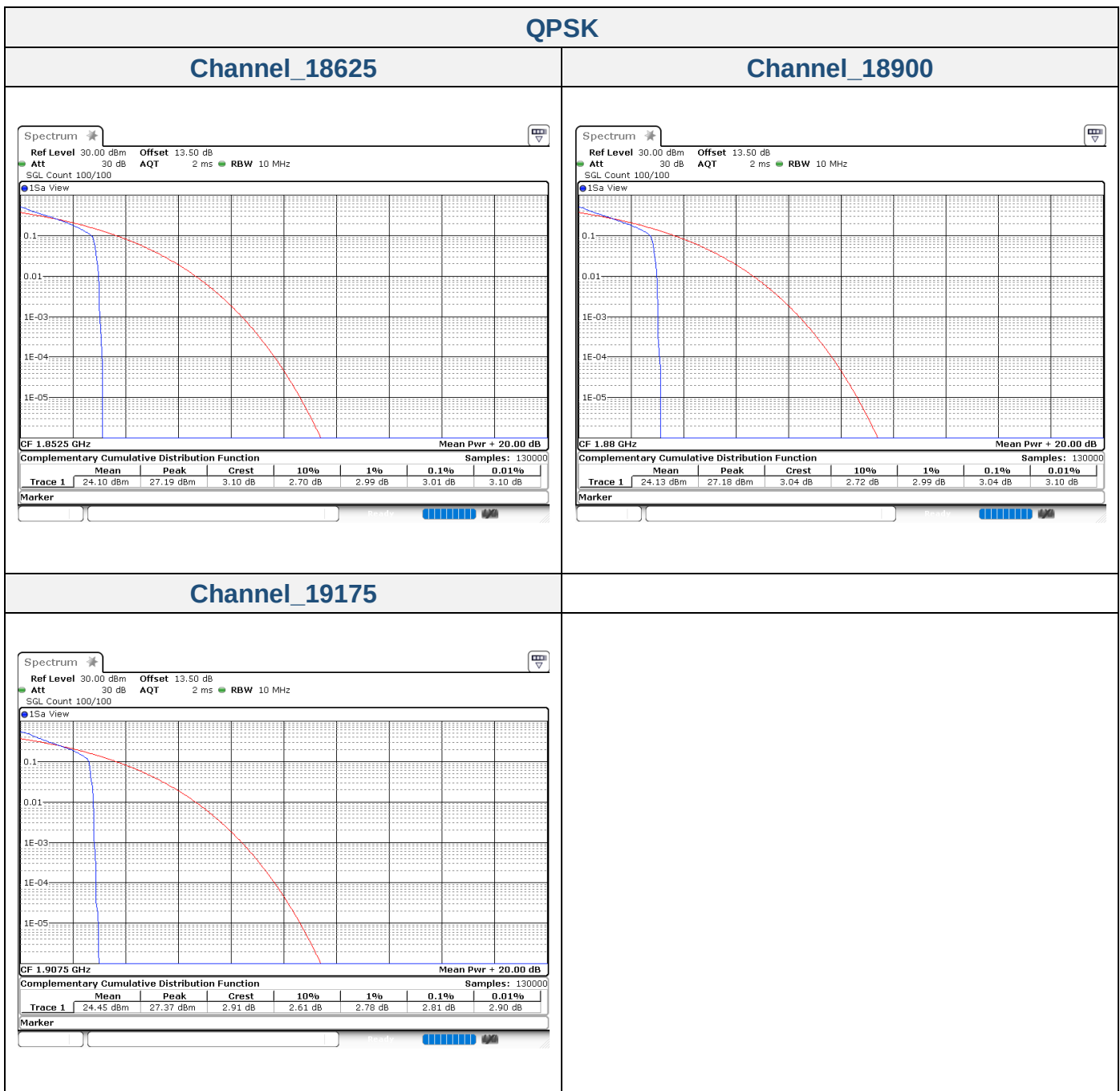


Channel_19185



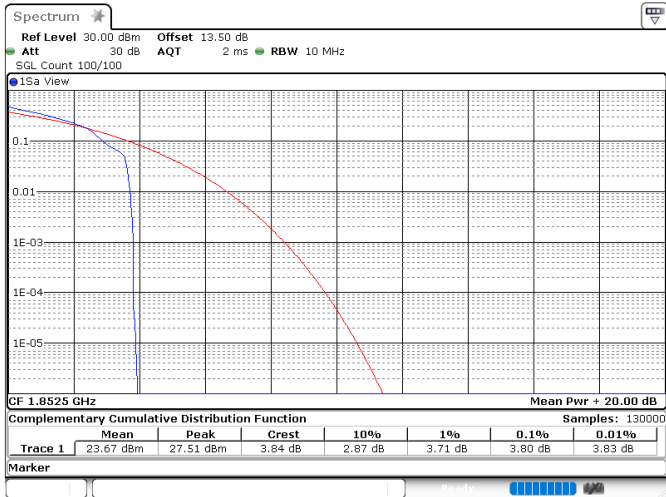
LTE Band 2 _ Channel Bandwidth: 5 MHz

Channel	Frequency (MHz)	Peak to Average Ratio (dB)	
		QPSK	16QAM
18625	1852.5	3.01	3.80
18900	1880.0	3.04	3.86
19175	1907.5	2.81	3.33

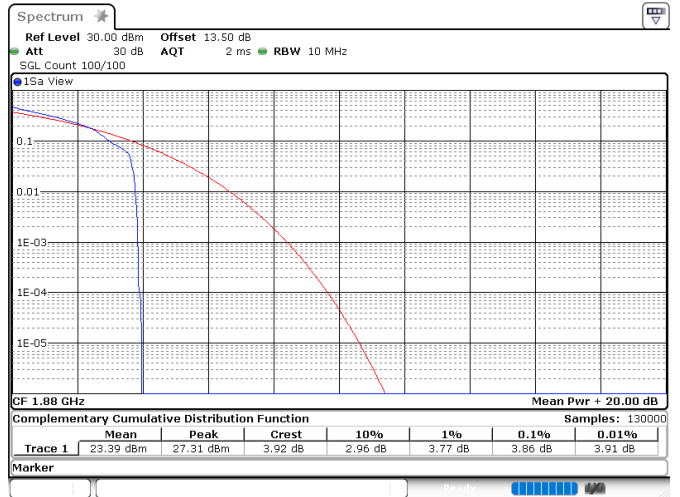


16QAM

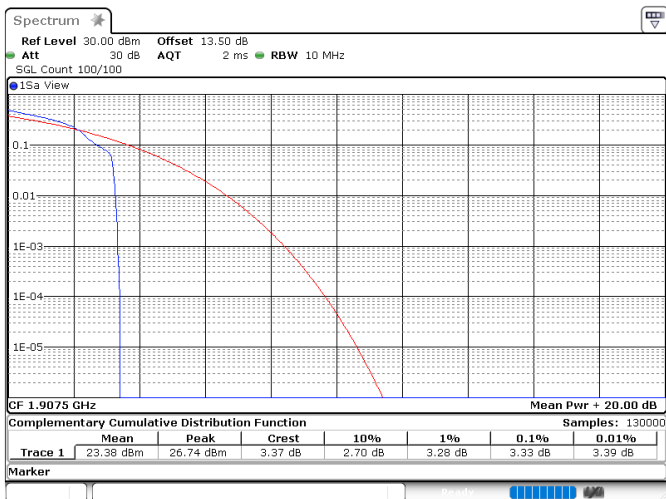
Channel_18625



Channel_18900

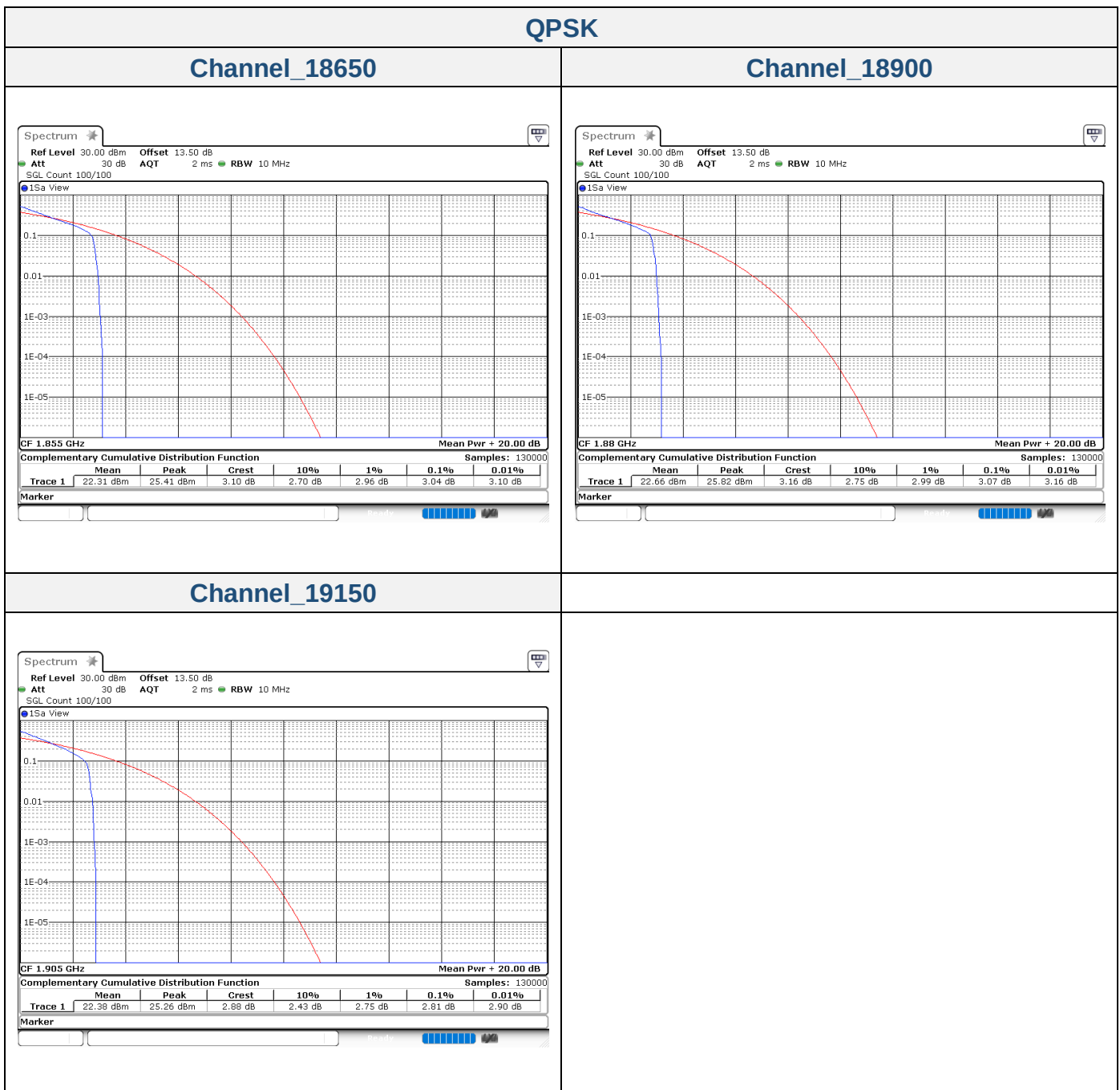


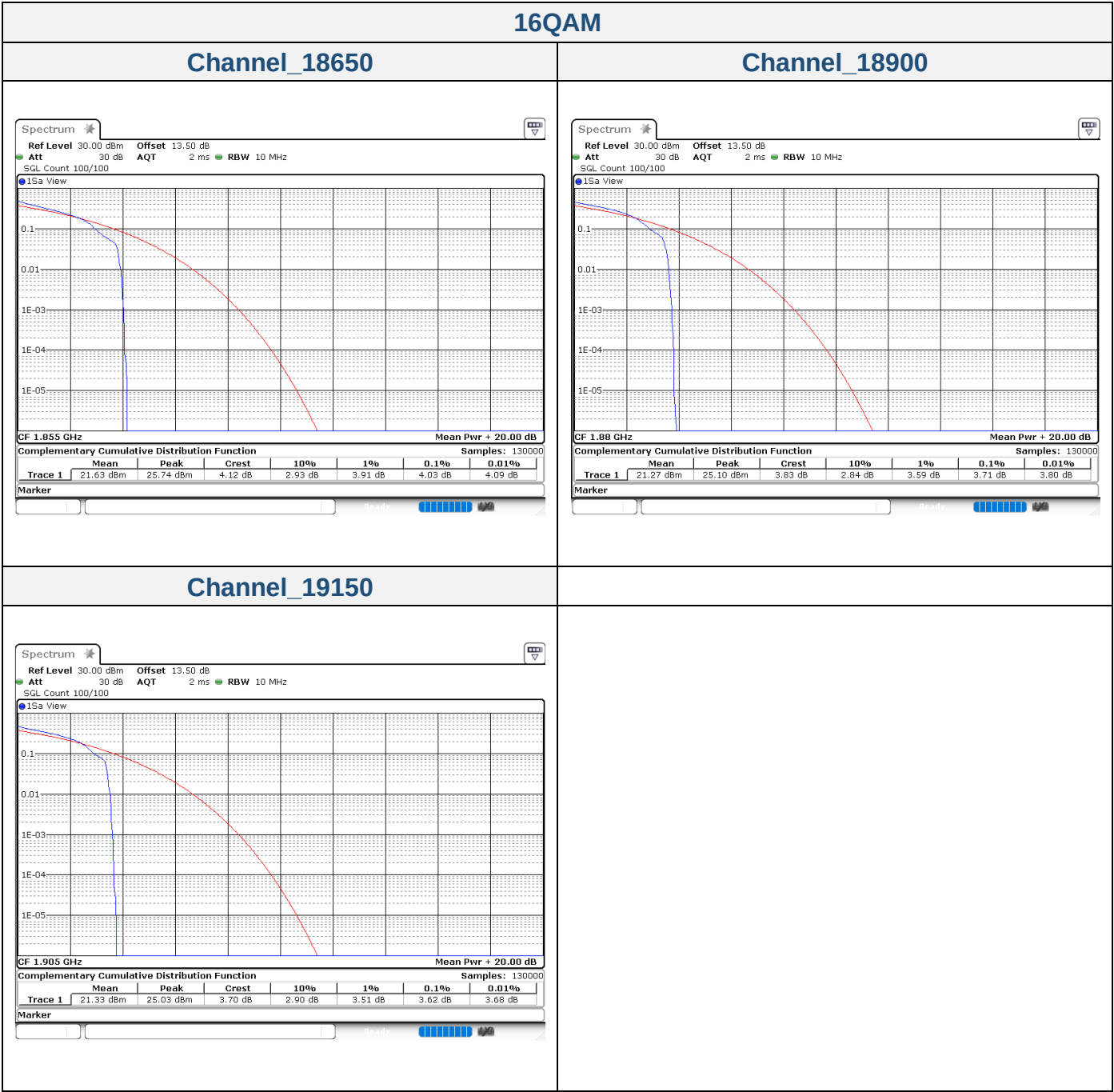
Channel_19175



LTE Band 2 _ Channel Bandwidth: 10 MHz

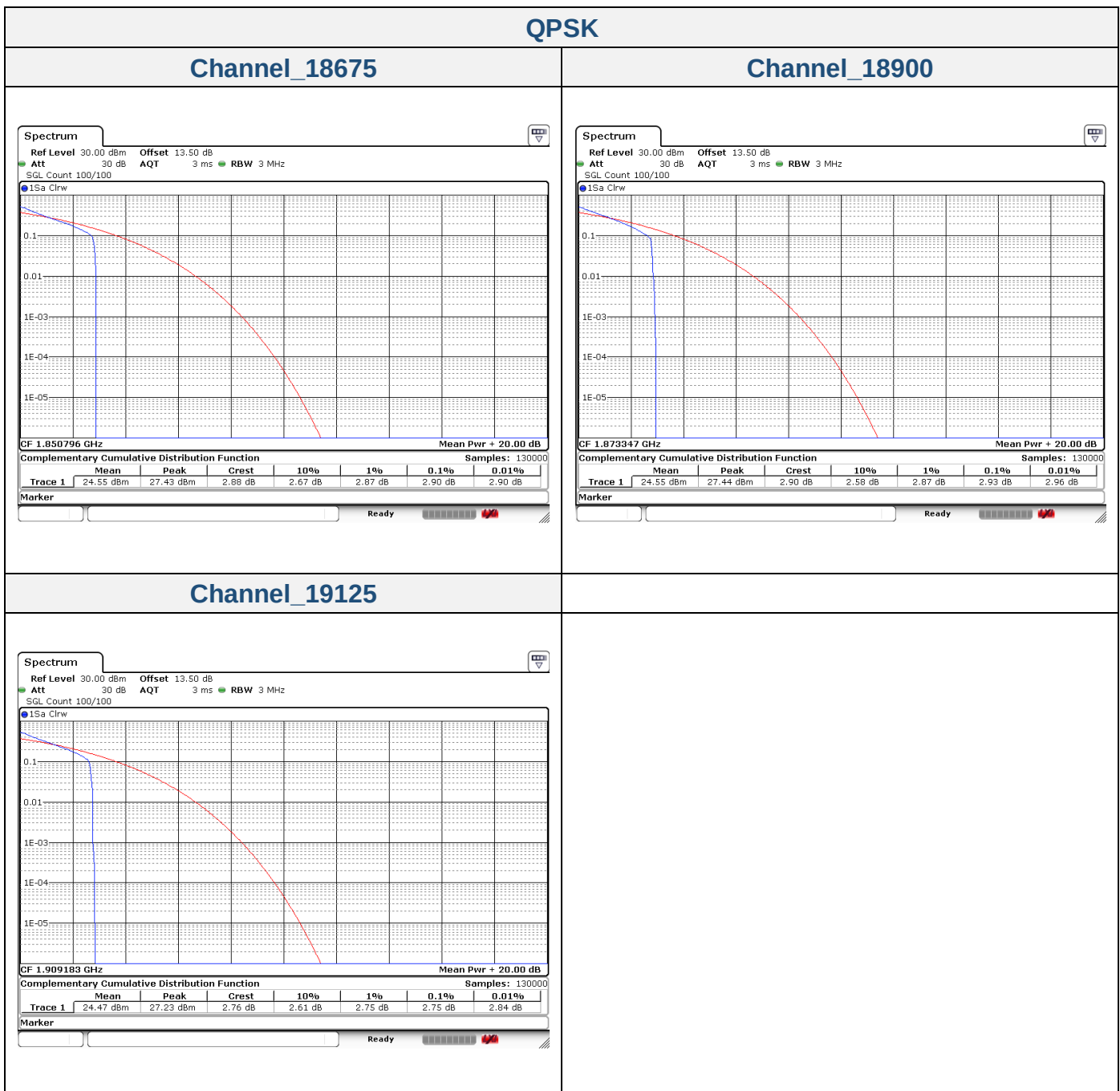
Channel	Frequency (MHz)	Peak to Average Ratio (dB)	
		QPSK	16QAM
18650	1855.0	3.04	4.03
18900	1880.0	3.07	3.71
19150	1905.0	2.81	3.62





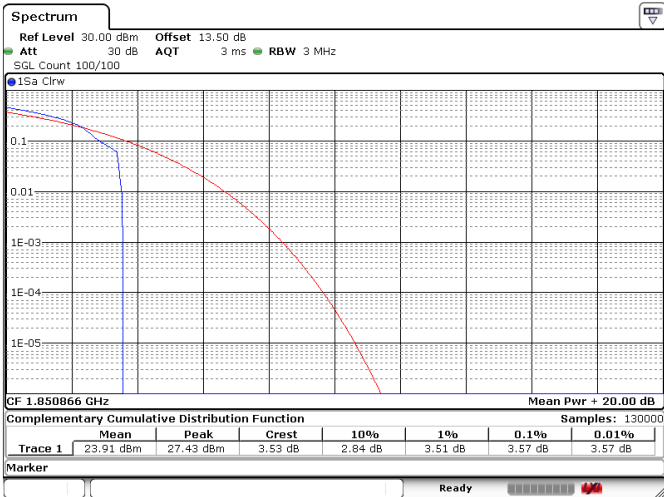
LTE Band 2 _ Channel Bandwidth: 15 MHz

Channel	Frequency (MHz)	Peak to Average Ratio (dB)	
		QPSK	16QAM
18675	1857.5	2.90	3.57
18900	1880.0	2.93	3.86
19125	1902.5	2.75	3.62

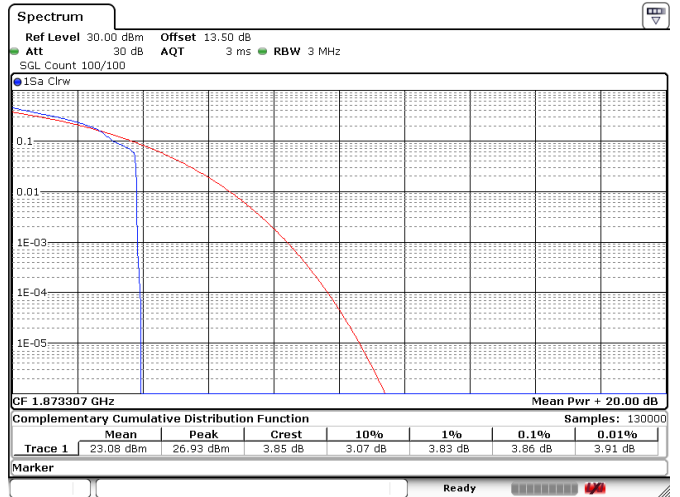


16QAM

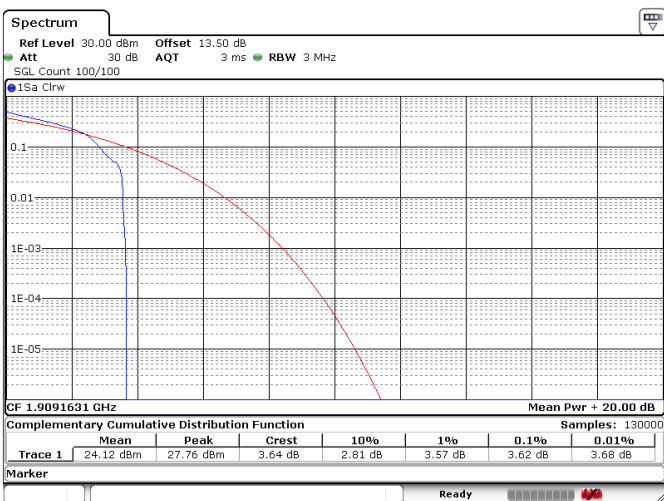
Channel_18675



Channel_18900

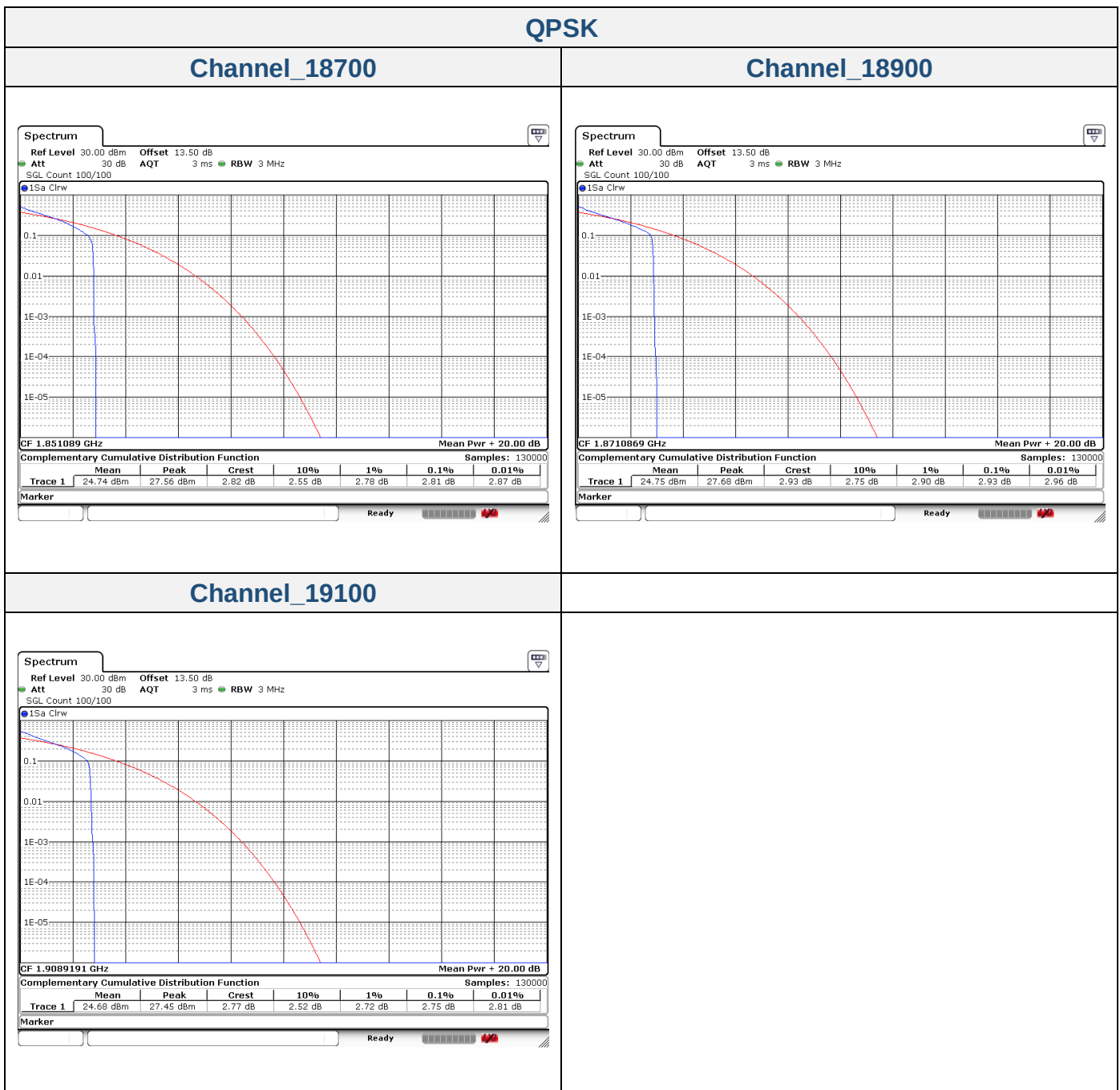


Channel_19125



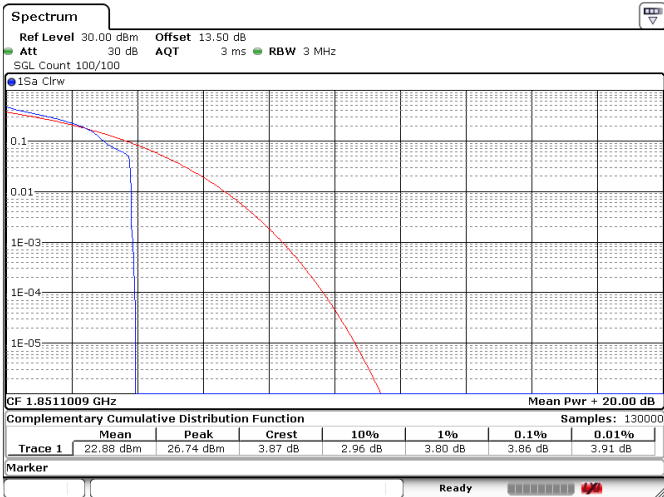
LTE Band 2 _ Channel Bandwidth: 20 MHz

Channel	Frequency (MHz)	Peak to Average Ratio (dB)	
		QPSK	16QAM
18700	1860.0	2.81	3.86
18900	1880.0	2.93	3.77
19100	1900.0	2.75	3.86

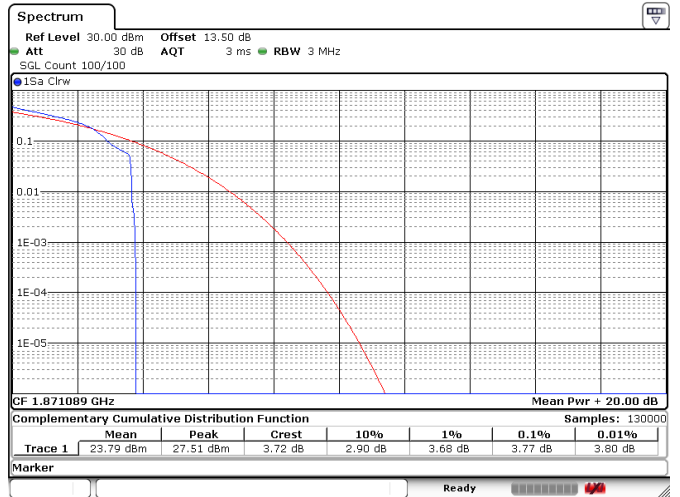


16QAM

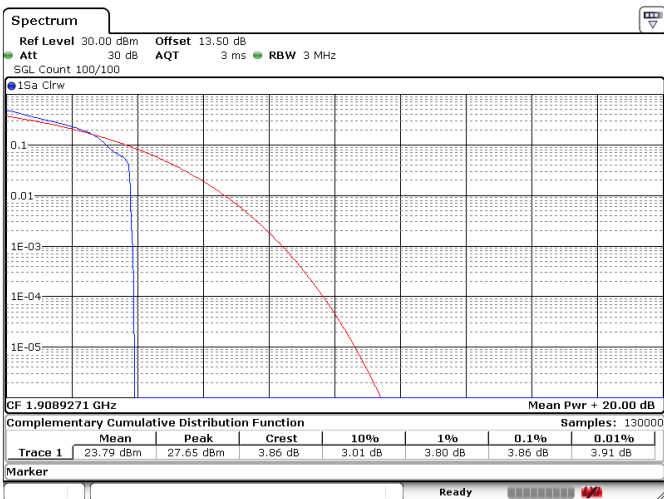
Channel_18700



Channel_18900



Channel_19100



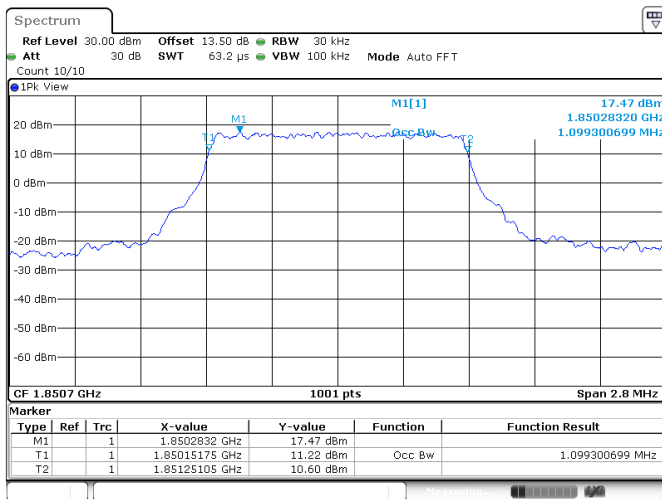
99 % Occupied Bandwidth

LTE Band 2 _ Channel Bandwidth: 1.4 MHz

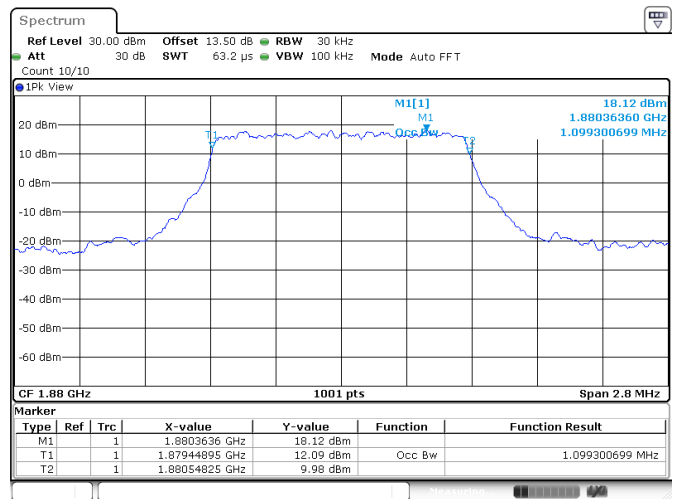
Channel	Frequency (MHz)	99 % Occupied Bandwidth (MHz)	
		QPSK	16QAM
18607	1850.7	1.099	1.097
18900	1880.0	1.099	1.102
19193	1909.3	1.105	1.097

QPSK

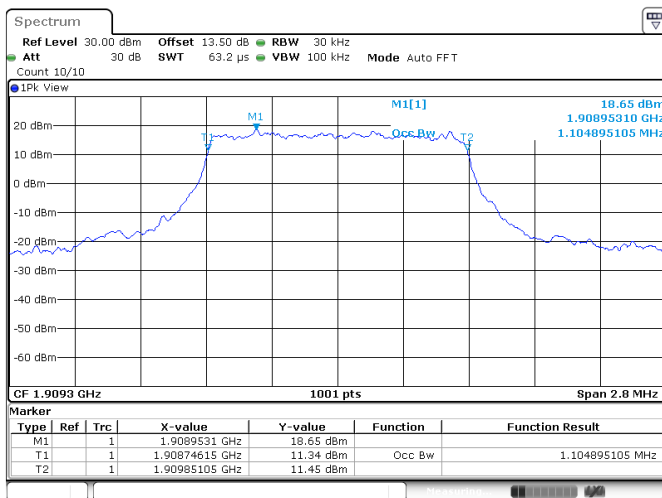
Channel_18607



Channel_18900

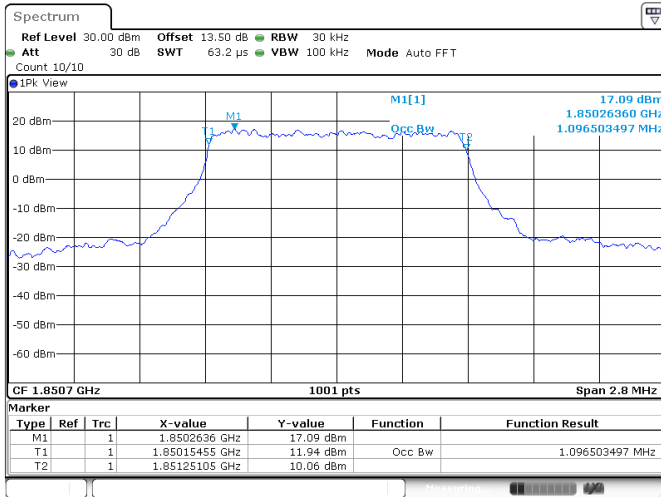


Channel_19193

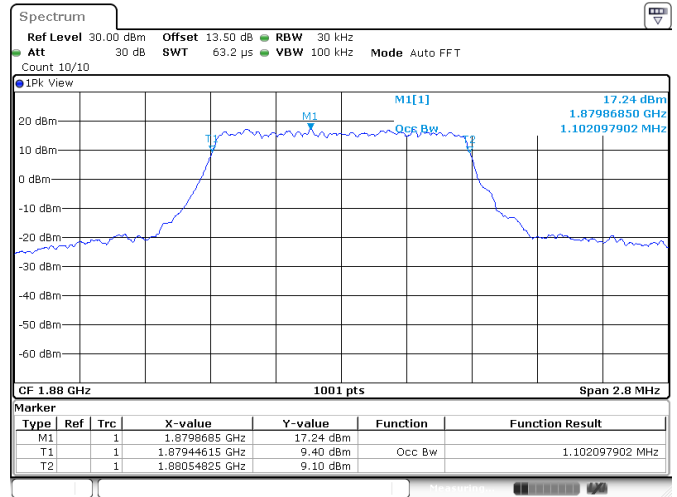


16QAM

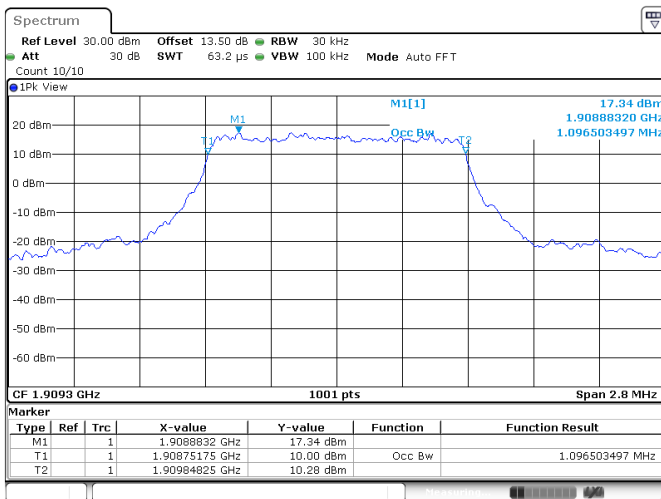
Channel_18607



Channel_18900



Channel_19193

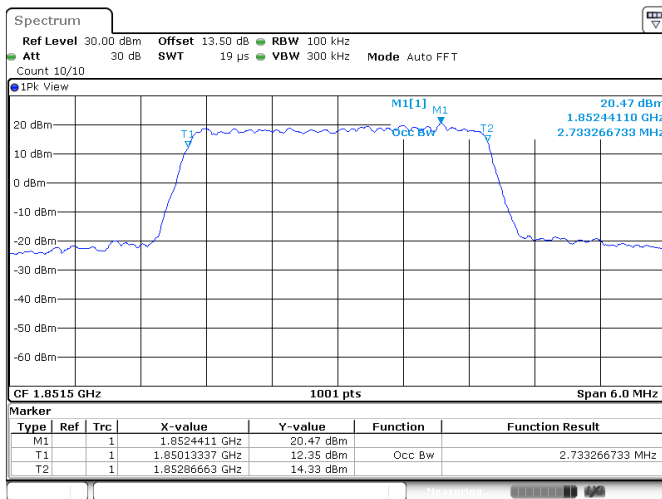


LTE Band 2 _ Channel Bandwidth: 3 MHz

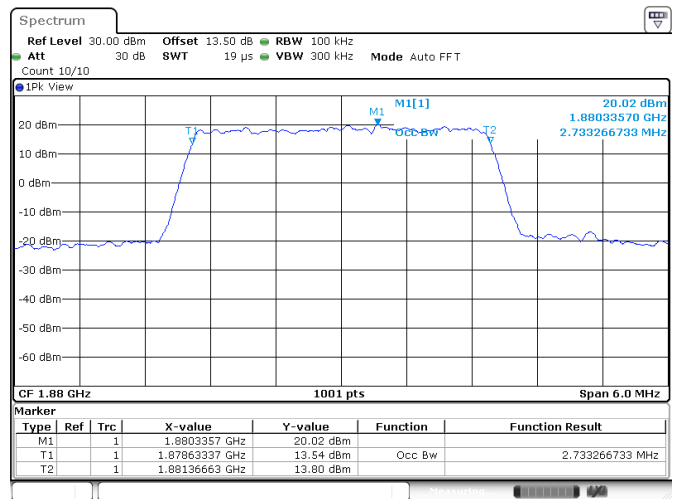
Channel	Frequency (MHz)	99 % Occupied Bandwidth (MHz)	
		QPSK	16QAM
18615	1851.5	2.733	2.733
18900	1880.0	2.733	2.763
19185	1908.5	2.727	2.721

QPSK

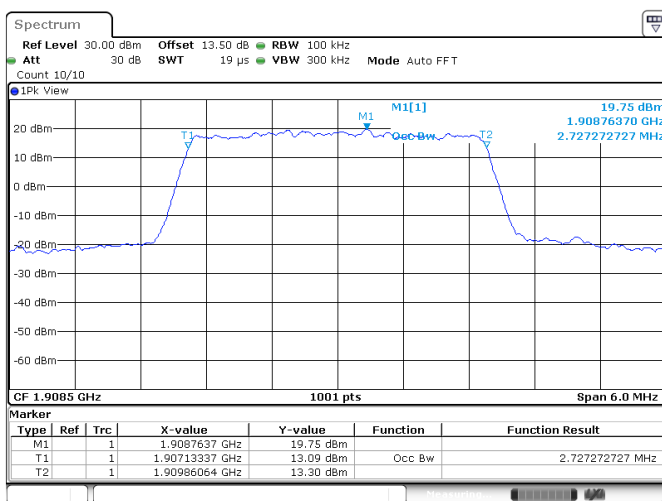
Channel_18615



Channel_18900

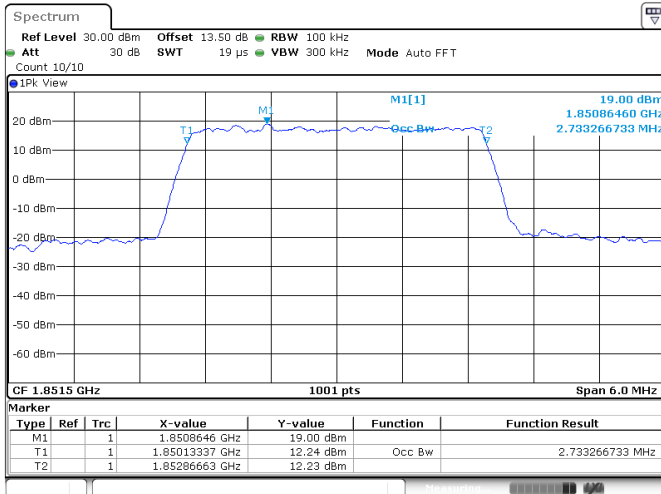


Channel_19185

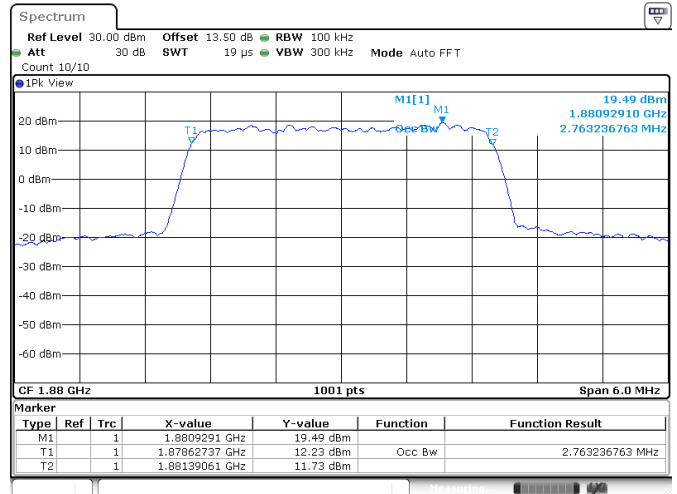


16QAM

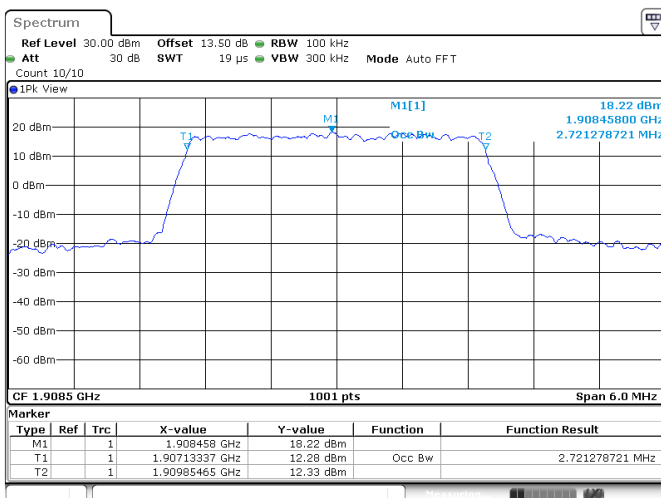
Channel_18615



Channel_18900



Channel_19185



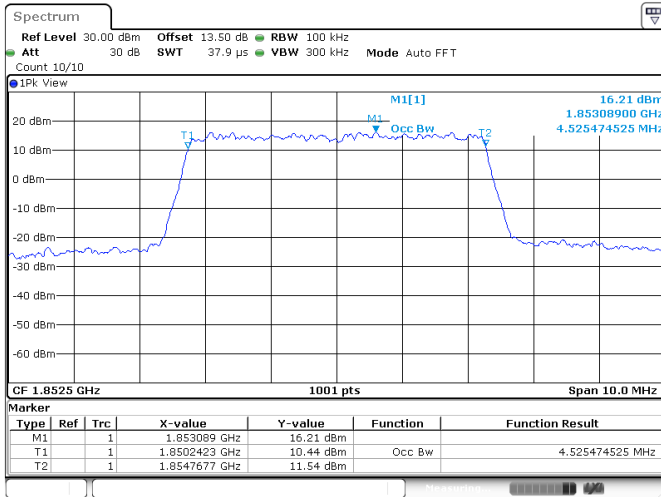
LTE Band 2 _ Channel Bandwidth: 5 MHz

Channel	Frequency (MHz)	99 % Occupied Bandwidth (MHz)	
		QPSK	16QAM
18625	1852.5	4.505	4.525
18900	1880.0	4.525	4.505
19175	1907.5	4.496	4.515

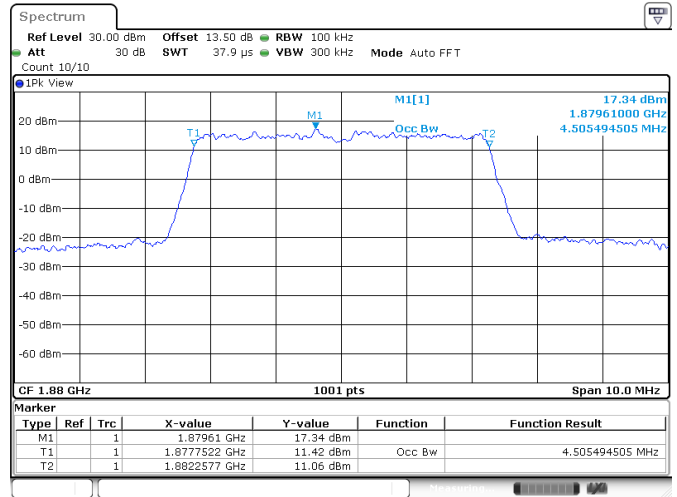


16QAM

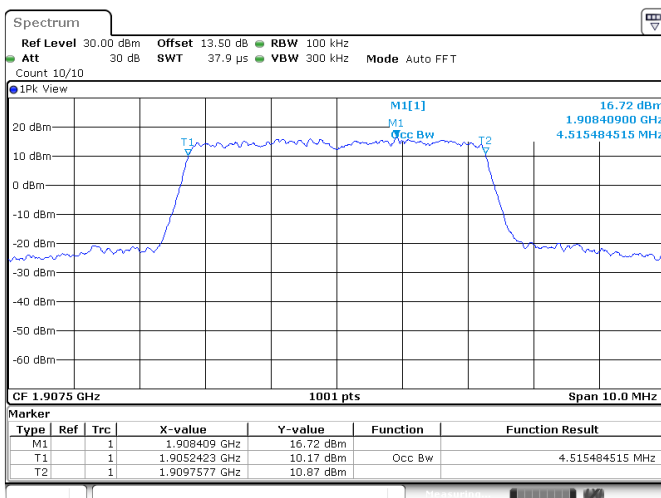
Channel_18625



Channel_18900

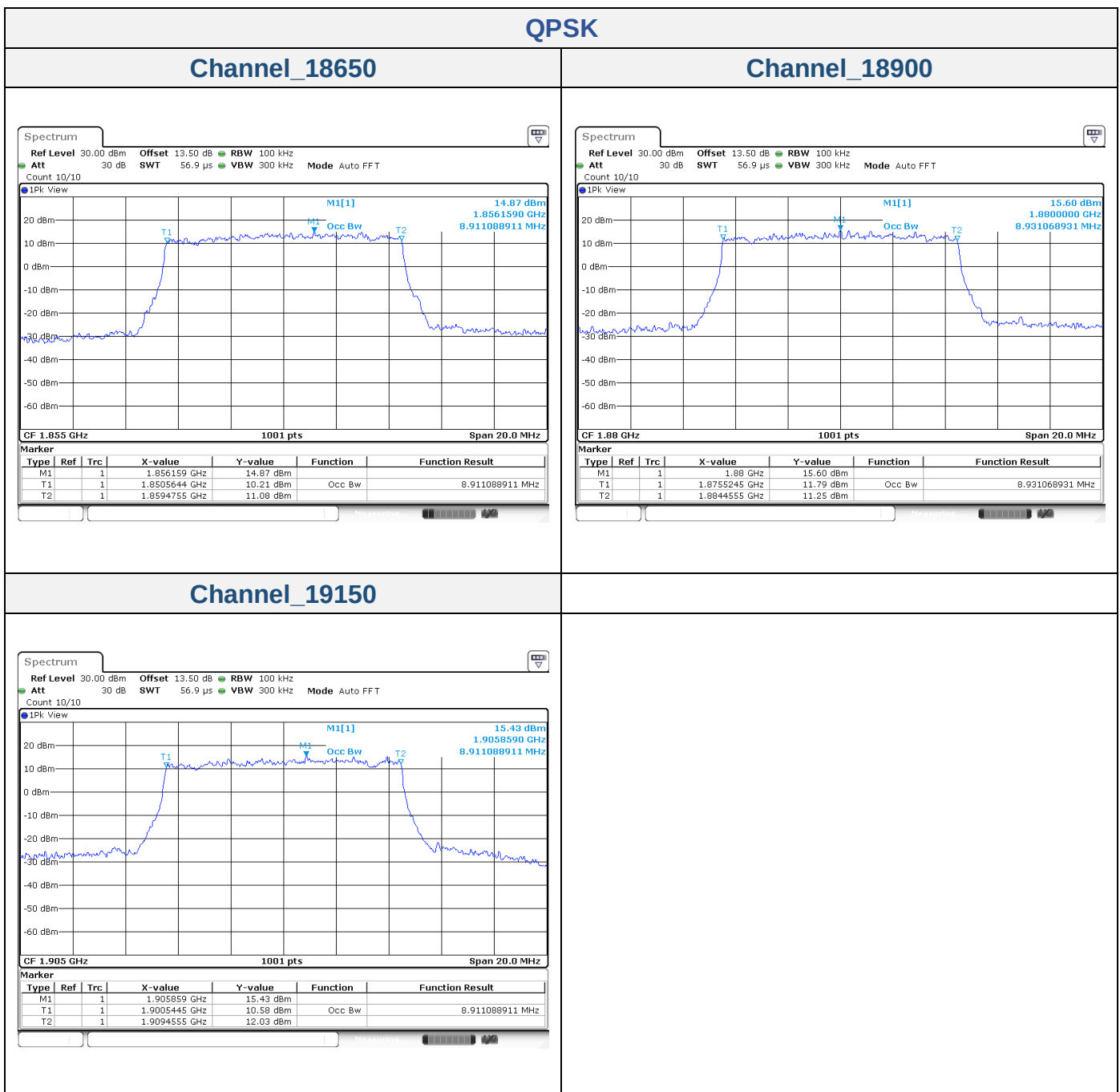


Channel_19175



LTE Band 2 _ Channel Bandwidth: 10 MHz

Channel	Frequency (MHz)	99 % Occupied Bandwidth (MHz)
		QPSK
18650	1855.0	8.911
18900	1880.0	8.931
19150	1905.0	8.911

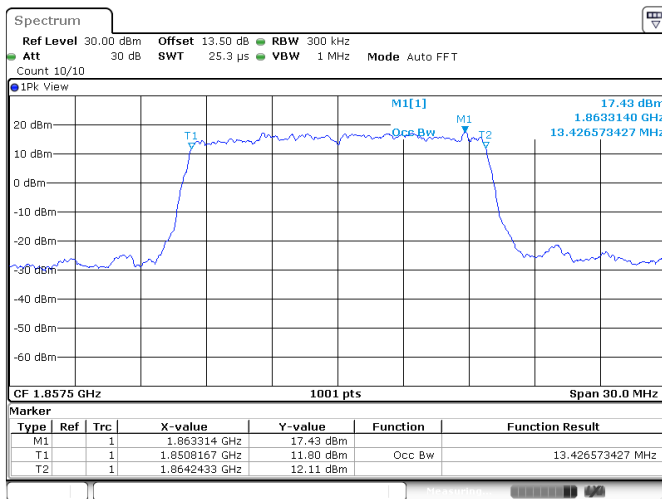


LTE Band 2 _ Channel Bandwidth: 15 MHz

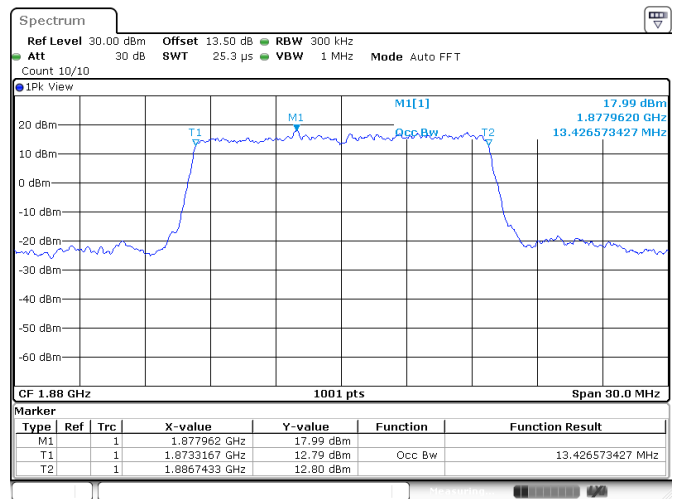
Channel	Frequency (MHz)	99 % Occupied Bandwidth (MHz)
		QPSK
18675	1857.5	13.427
18900	1880.0	13.427
19125	1902.5	13.457

QPSK

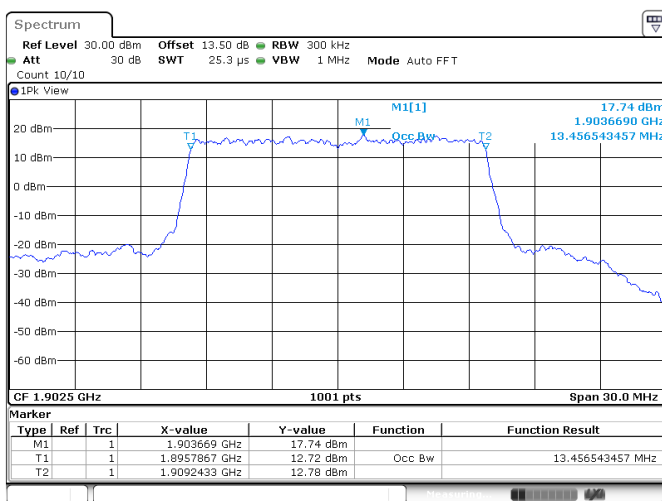
Channel_18675



Channel_18900



Channel_19125

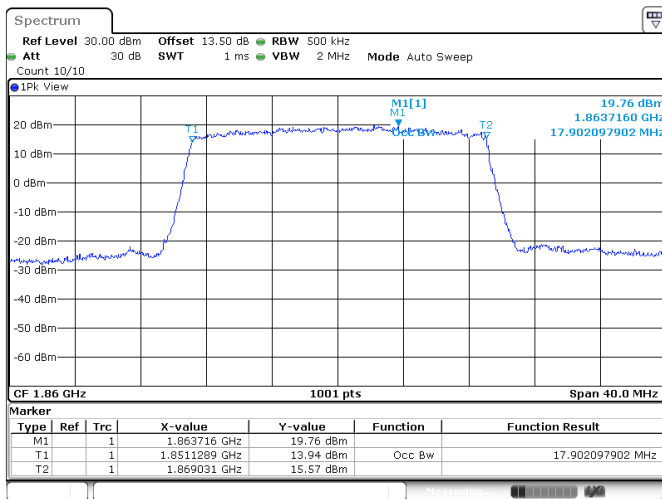


LTE Band 2 _ Channel Bandwidth: 20 MHz

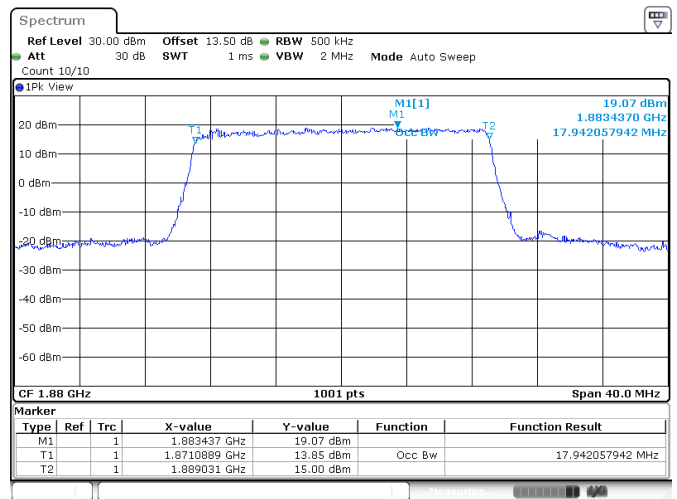
Channel	Frequency (MHz)	99 % Occupied Bandwidth (MHz)
		QPSK
18700	1860.0	17.902
18900	1880.0	17.942
19100	1900.0	18.062

QPSK

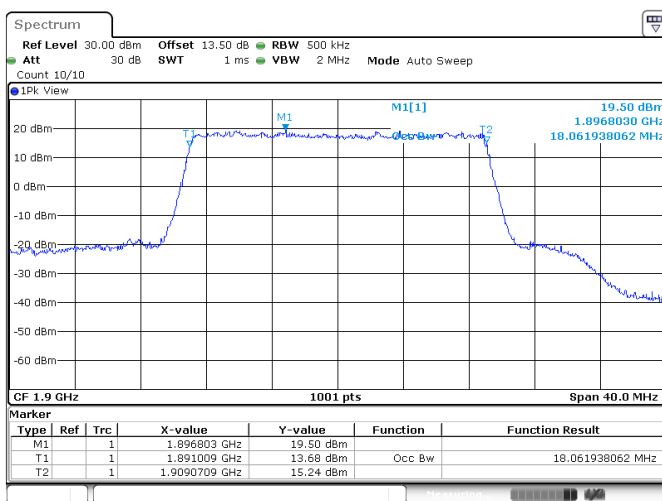
Channel_18700



Channel_18900



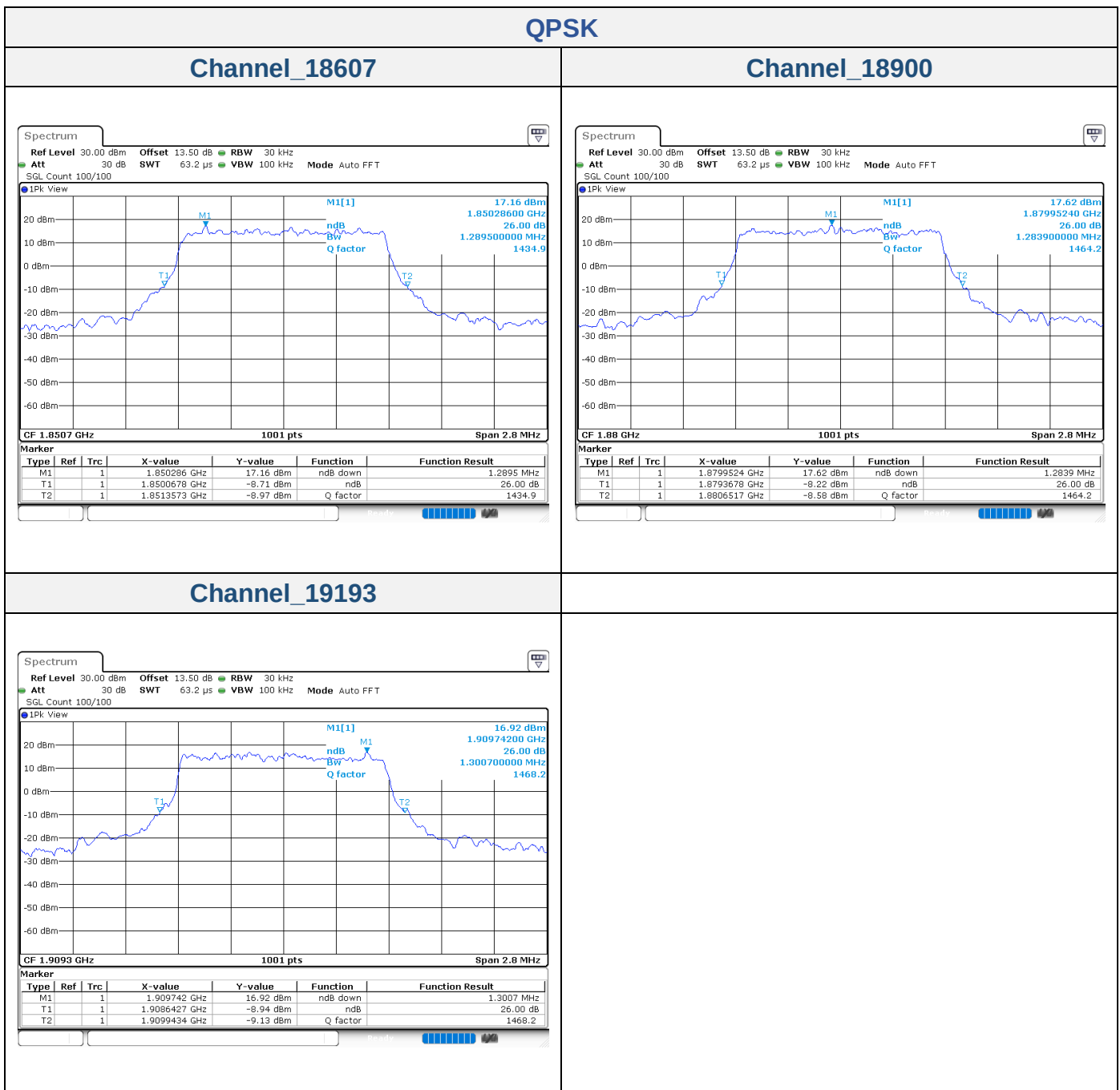
Channel_19100



26 dB Bandwidth

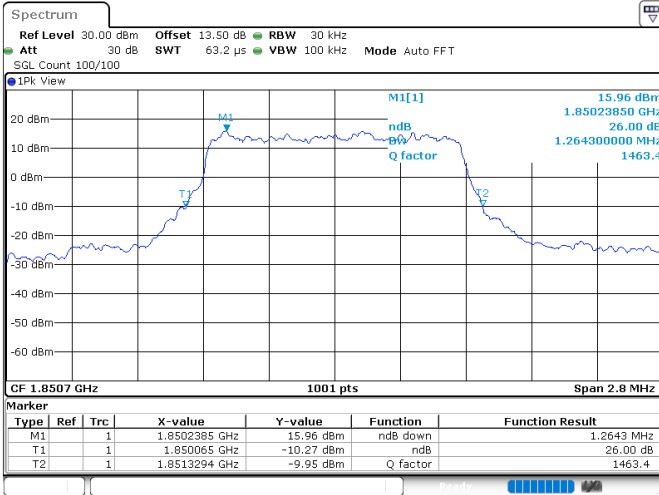
LTE Band 2 _ Channel Bandwidth: 1.4 MHz

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
		QPSK	16QAM
18607	1850.7	1.290	1.264
18900	1880.0	1.284	1.315
19193	1909.3	1.301	1.304

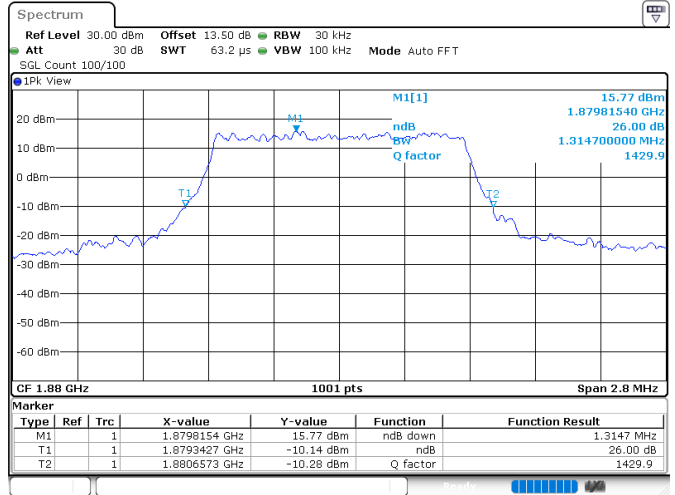


16QAM

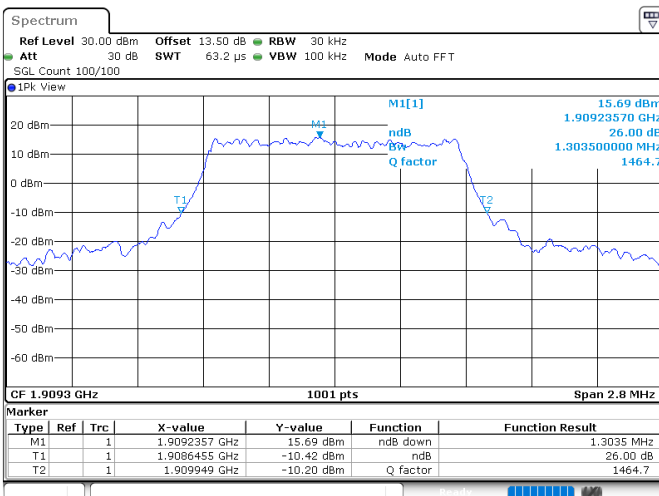
Channel_18607



Channel_18900

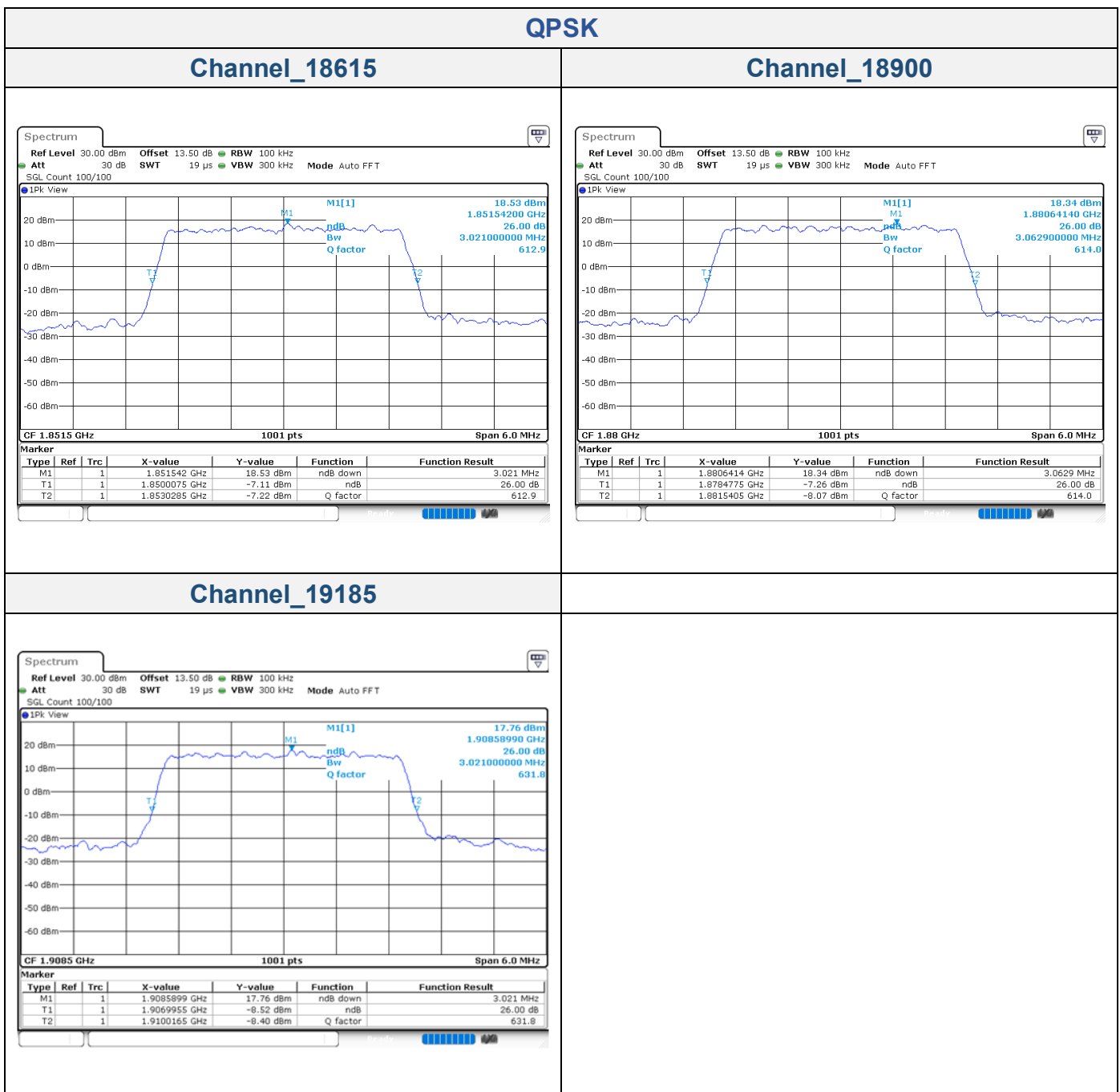


Channel_19193



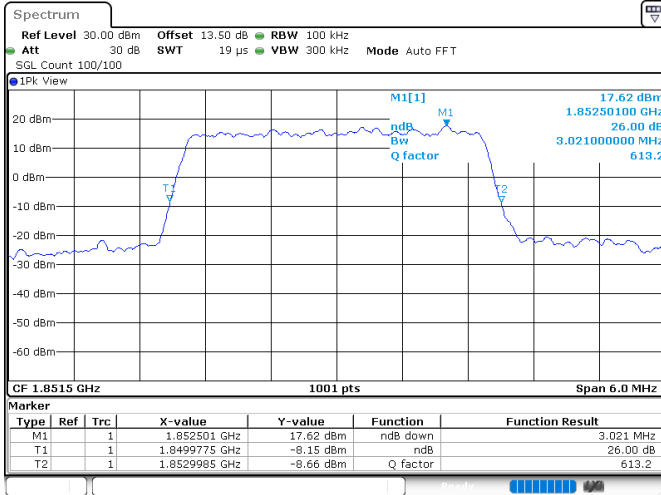
LTE Band 2 _ Channel Bandwidth: 3 MHz

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
		QPSK	16QAM
18615	1851.5	3.021	3.021
18900	1880.0	3.063	2.991
19185	1908.5	3.021	2.991

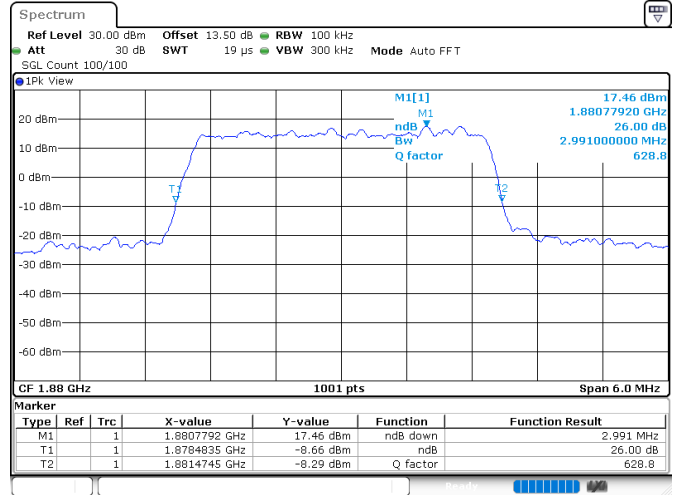


16QAM

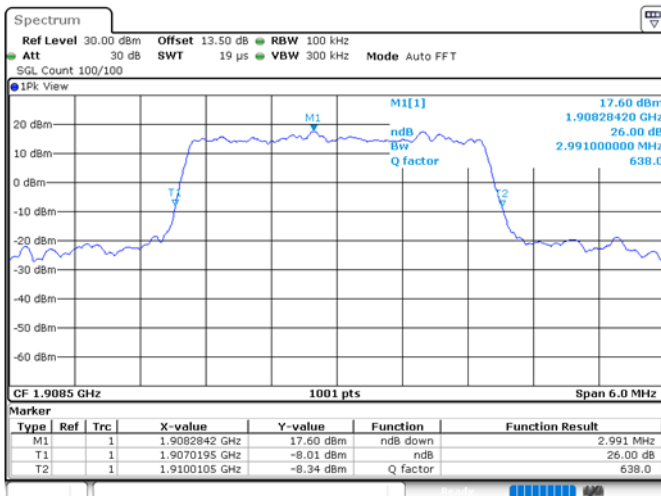
Channel_18615



Channel_18900

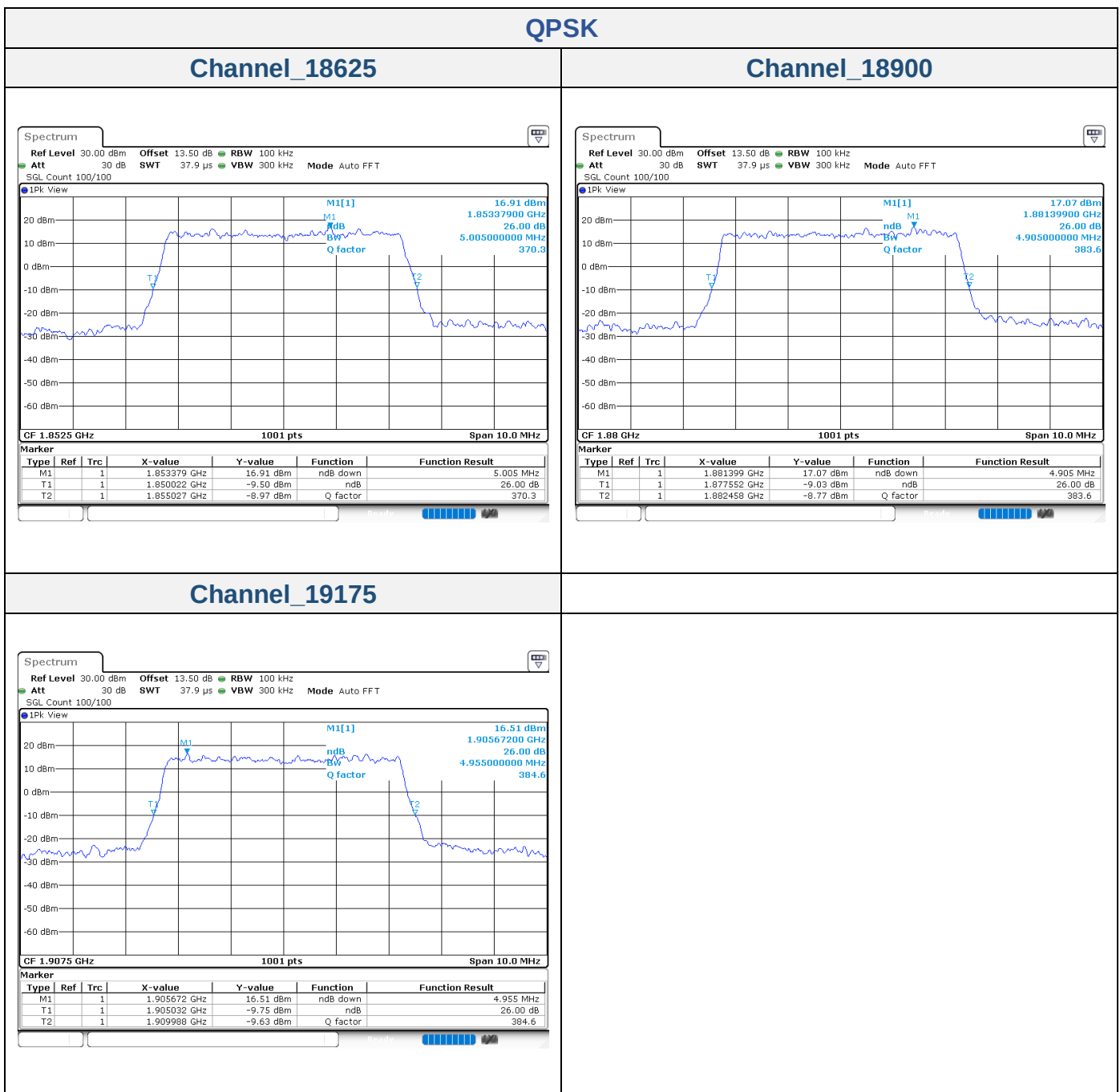


Channel_19185



LTE Band 2 _ Channel Bandwidth: 5 MHz

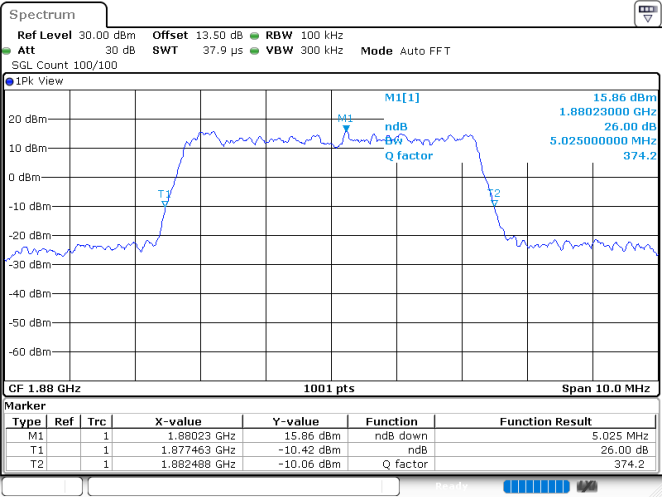
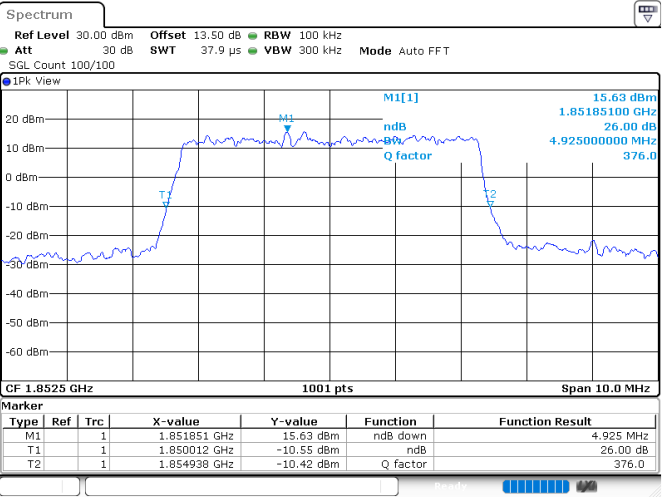
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
		QPSK	16QAM
18625	1852.5	5.005	4.925
18900	1880.0	4.905	5.025
19175	1907.5	4.955	4.825



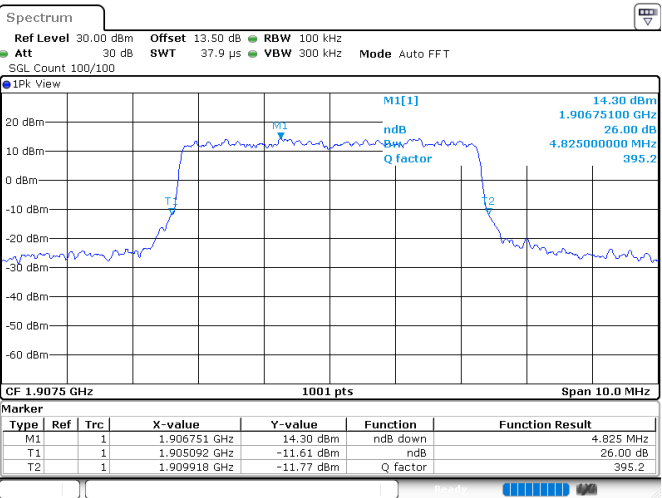
16QAM

Channel_18625

Channel_18900

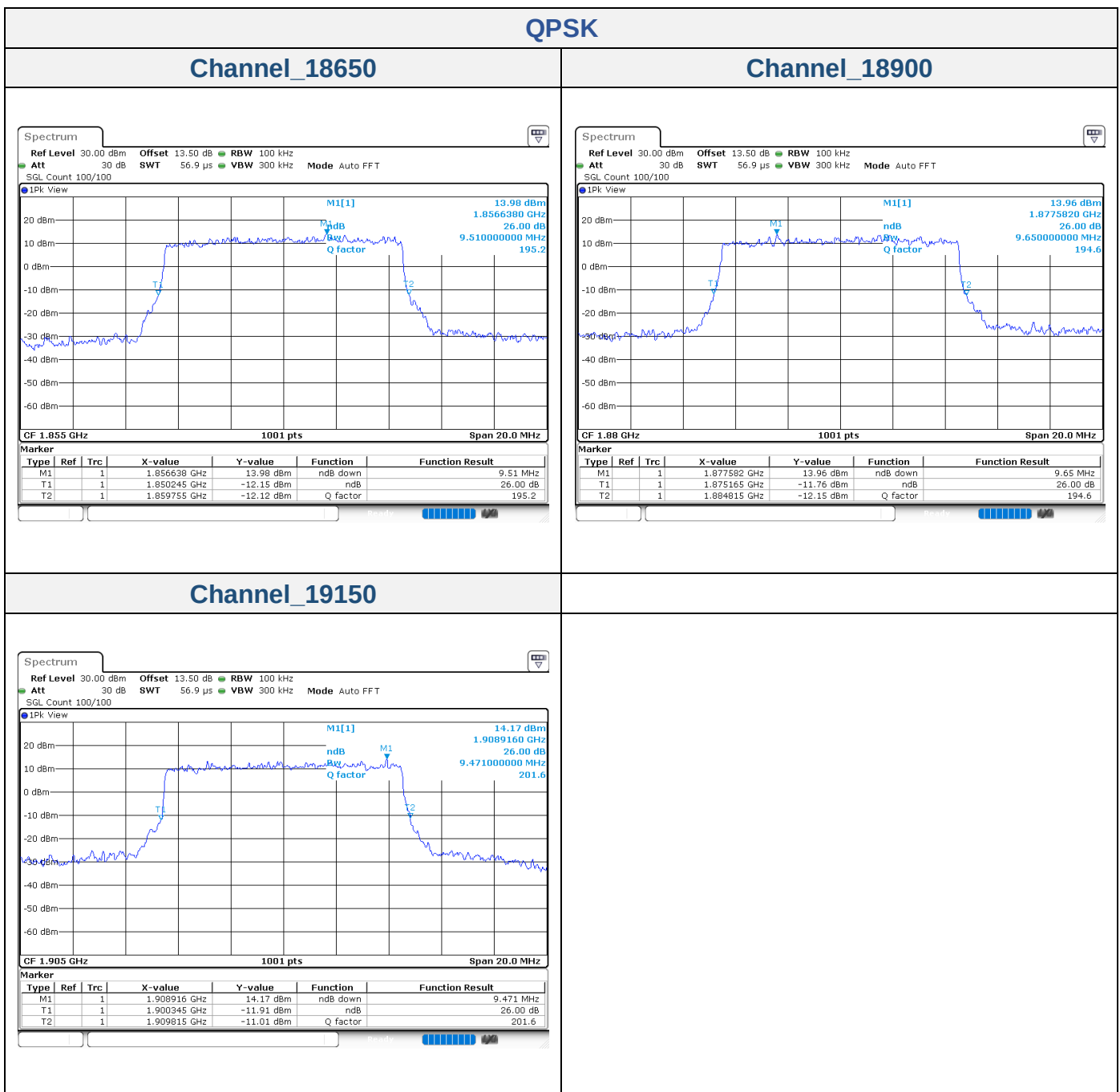


Channel_19175



LTE Band 2 _ Channel Bandwidth: 10 MHz

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
		QPSK
18650	1855.0	9.510
18900	1880.0	9.650
19150	1905.0	9.471

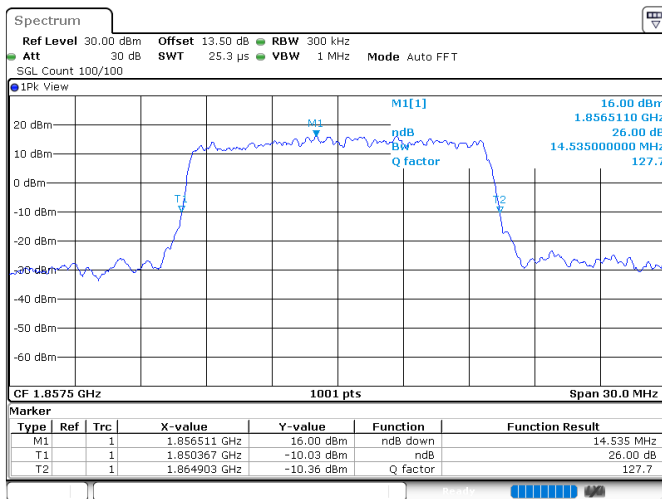


LTE Band 2 _ Channel Bandwidth: 15 MHz

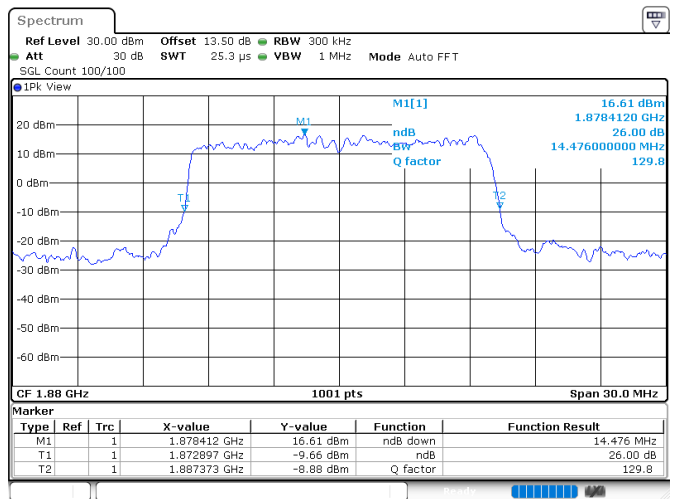
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
		QPSK
18675	1857.5	14.535
18900	1880.0	14.476
19125	1902.5	14.476

QPSK

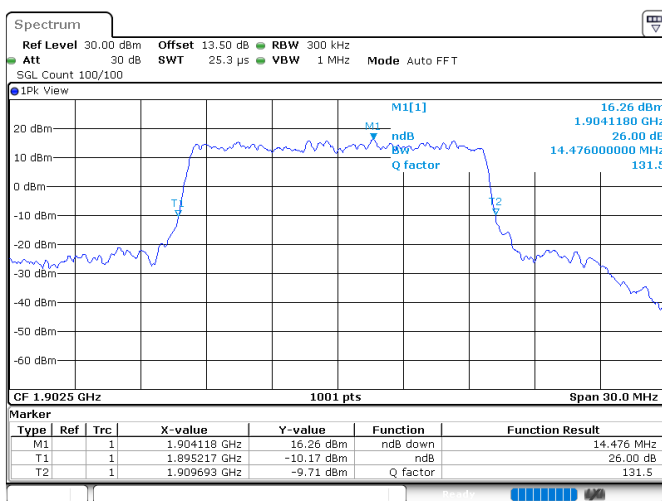
Channel_18675



Channel_18900



Channel_19125

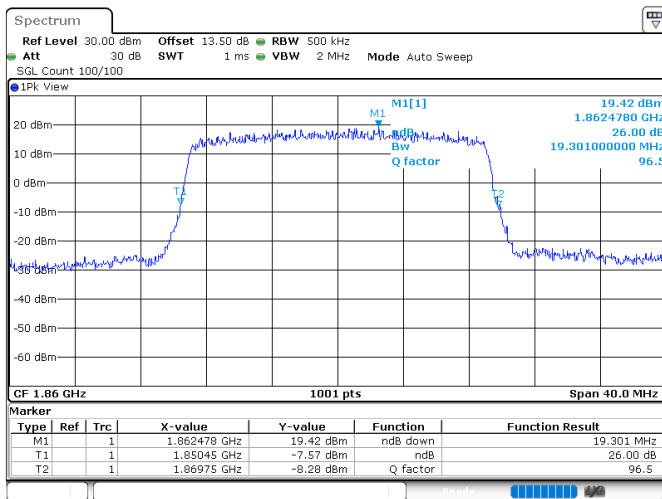


LTE Band 2 _ Channel Bandwidth: 20 MHz

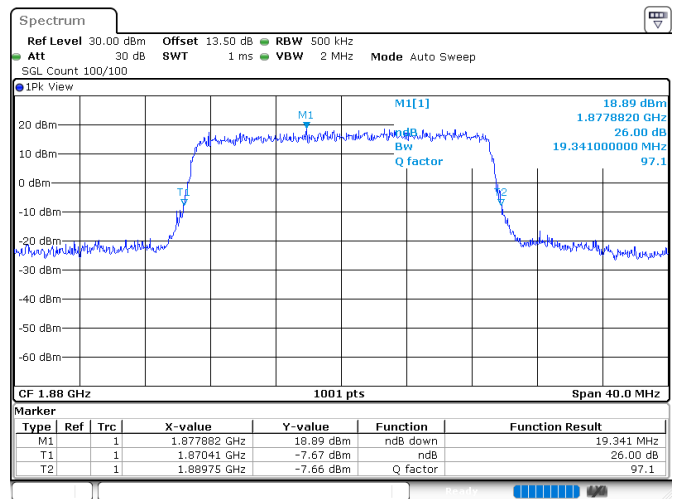
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
		QPSK
18700	1860.0	19.301
18900	1880.0	19.341
19100	1900.0	19.301

QPSK

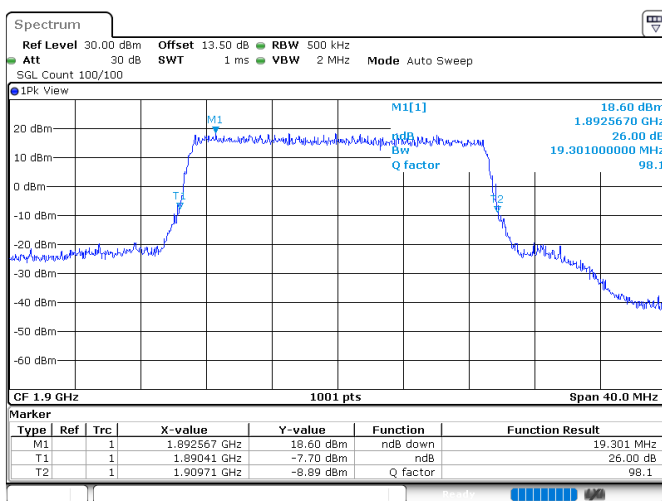
Channel_18700



Channel_18900



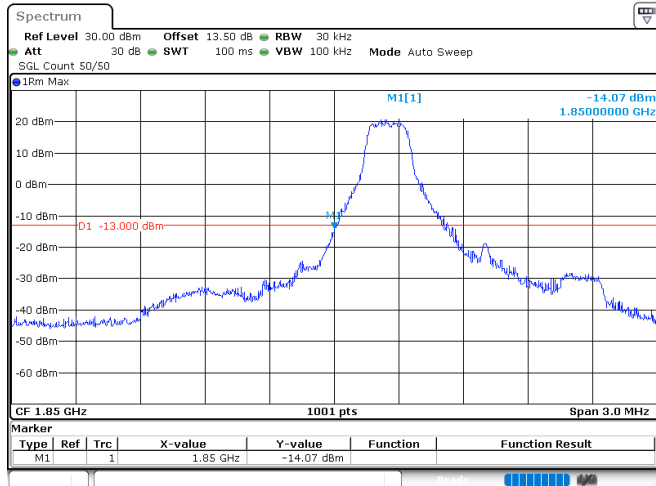
Channel_19100



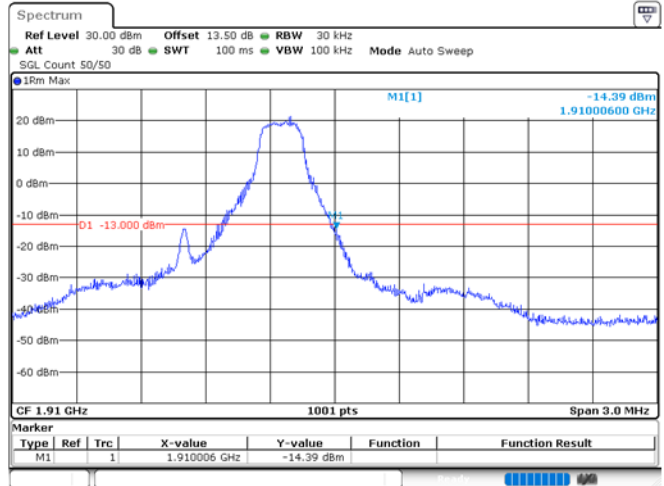
Conducted Band-Edge

LTE Band 2 _ Channel Bandwidth: 1.4 MHz

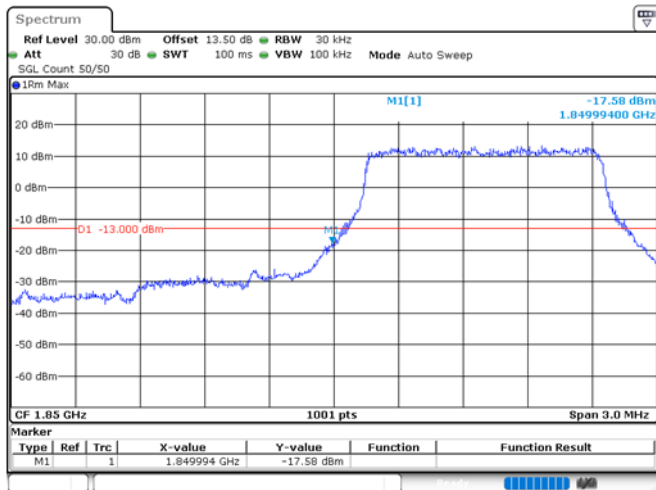
Channel_18607_1RB



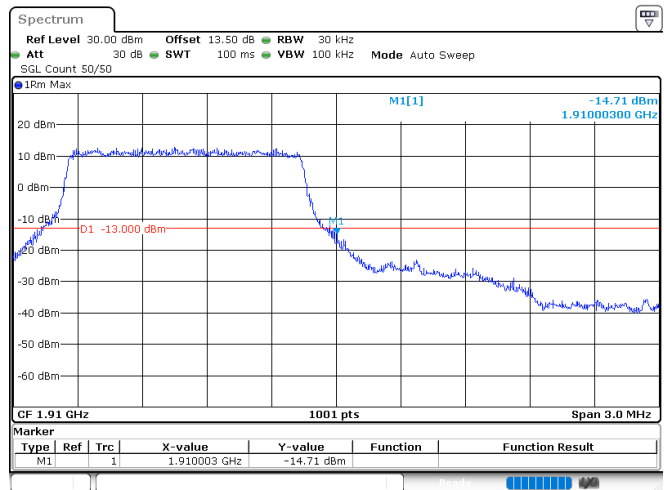
Channel_19193_1RB



Channel_18607_6RB

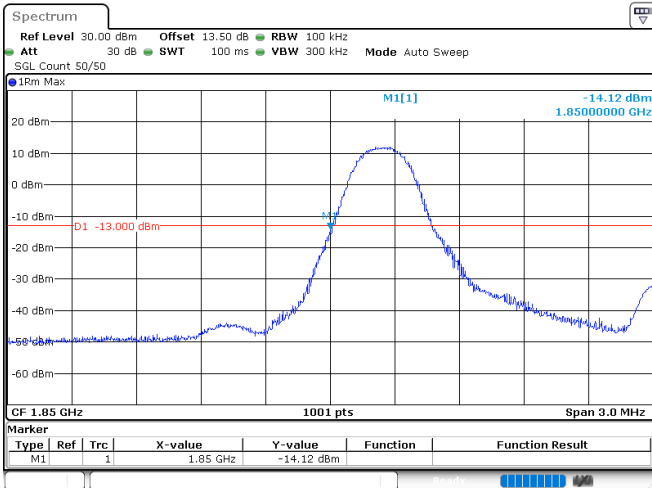


Channel_19193_6RB

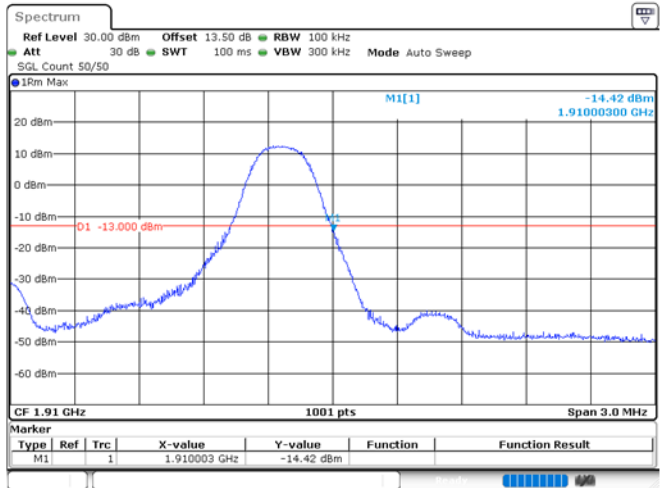


LTE Band 2 _ Channel Bandwidth: 3 MHz

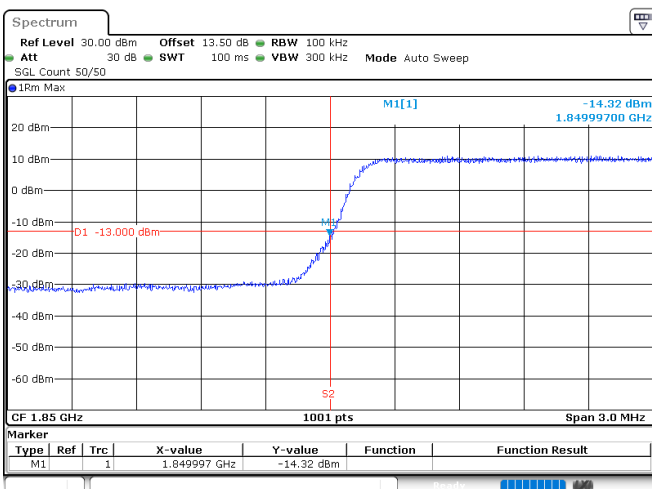
Channel_18615_1RB



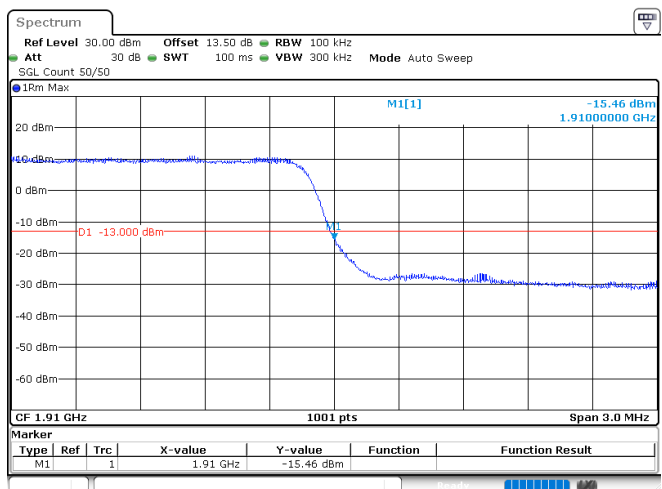
Channel_19185_1RB



Channel_18615_15RB

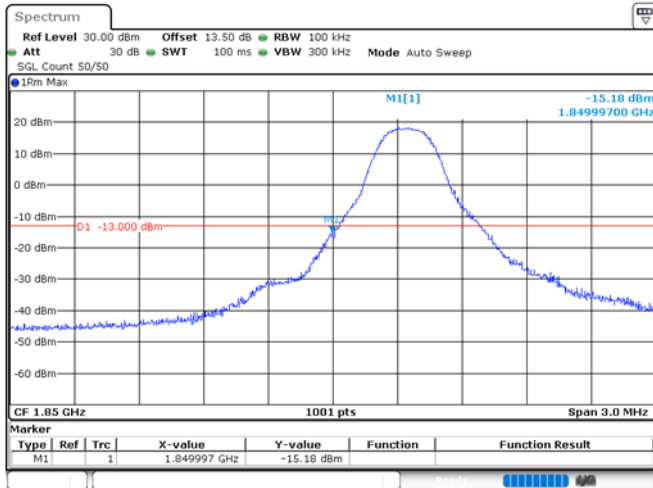


Channel_19185_15RB

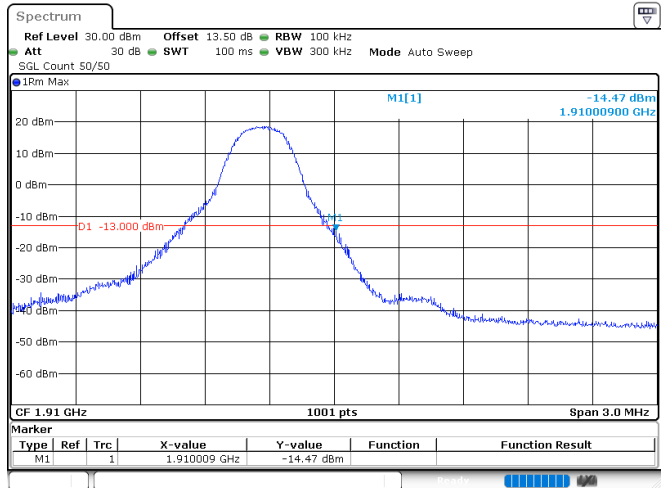


LTE Band 2 _ Channel Bandwidth: 5 MHz

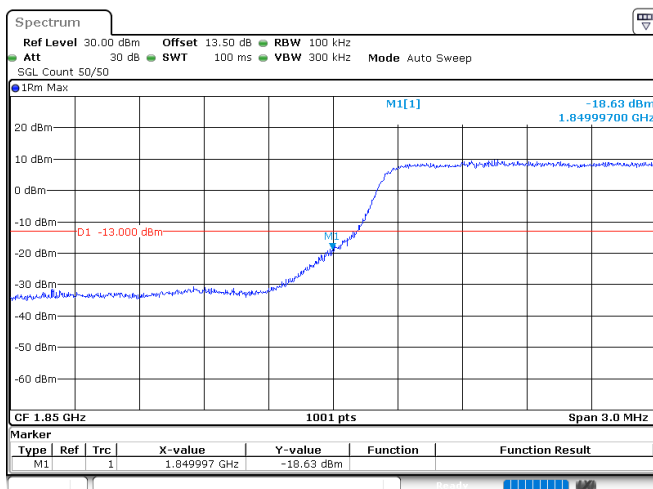
Channel_18625_1RB



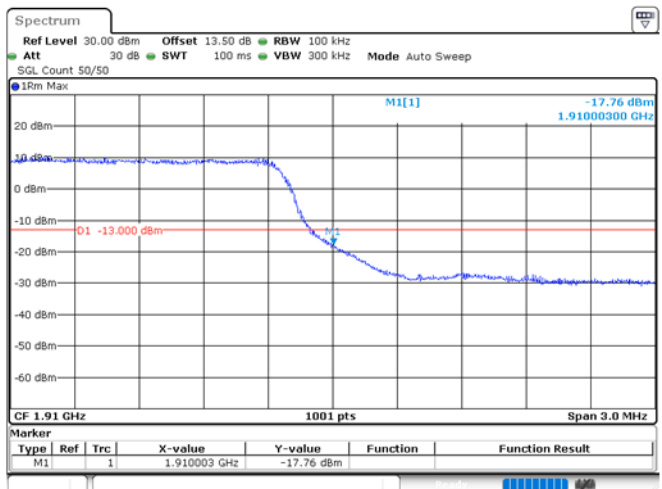
Channel_19175_1RB



Channel_18625_25RB

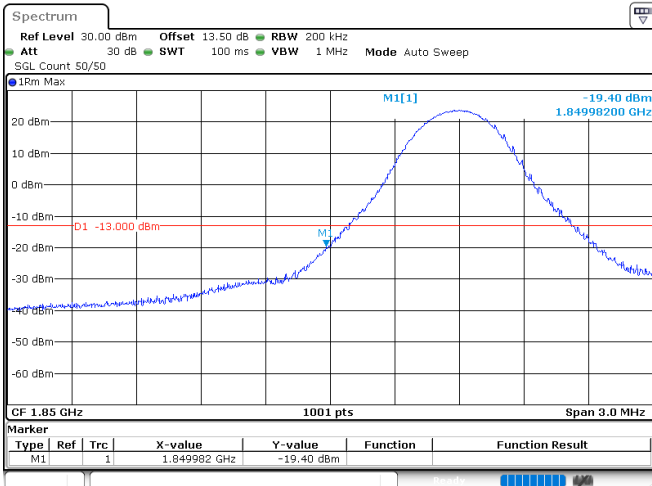


Channel_19175_25RB

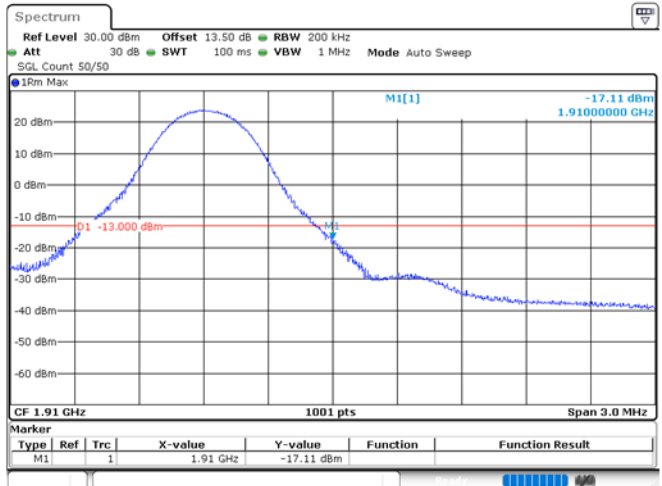


LTE Band 2 _ Channel Bandwidth: 10 MHz

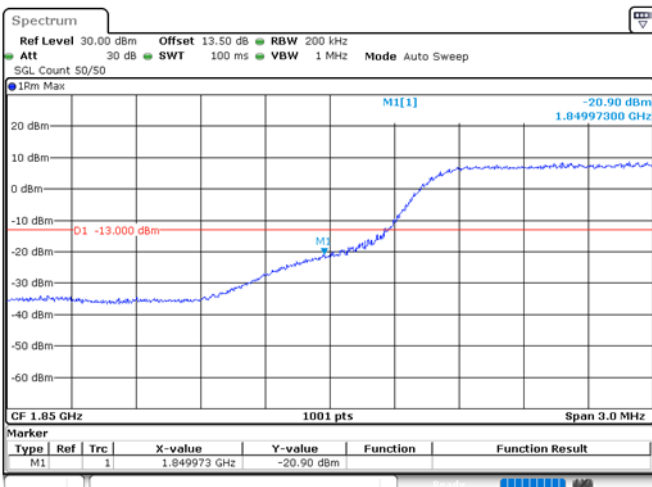
Channel_18650_1RB



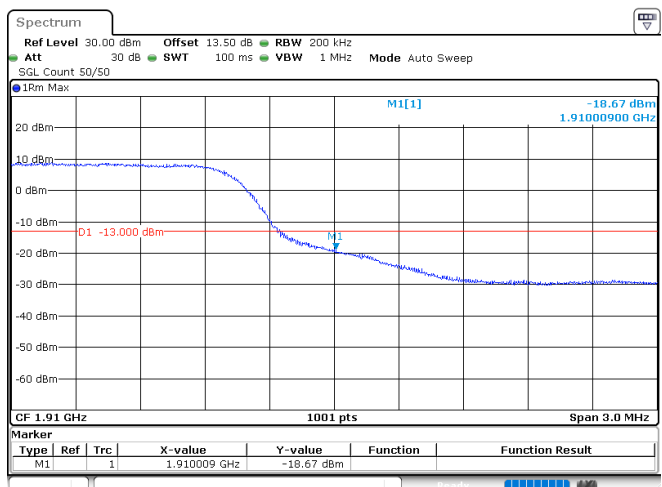
Channel_19150_1RB



Channel_18650_50RB

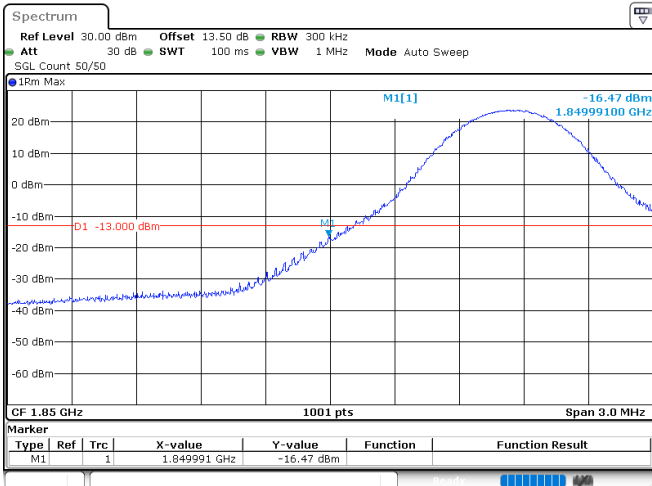


Channel_19150_50RB

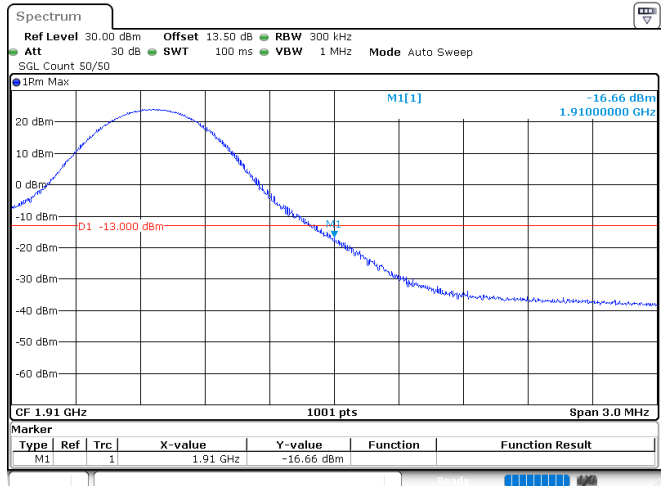


LTE Band 2 _ Channel Bandwidth: 15 MHz

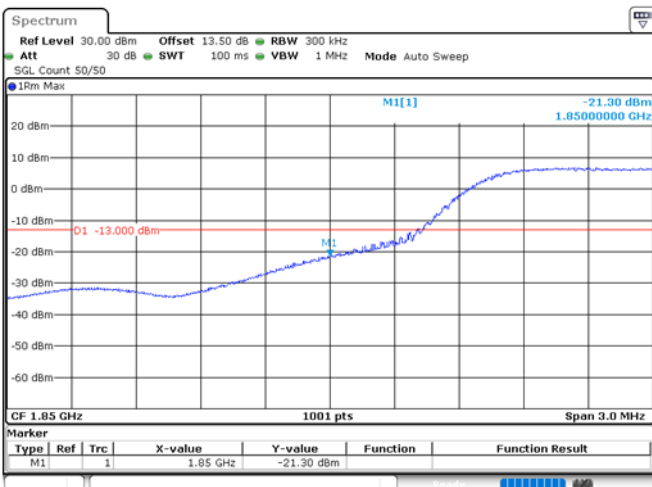
Channel_18675_1RB



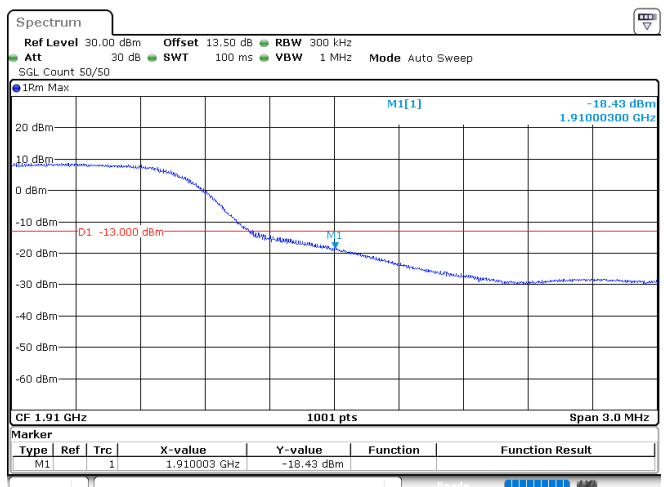
Channel_19125_1RB



Channel_18675_75RB

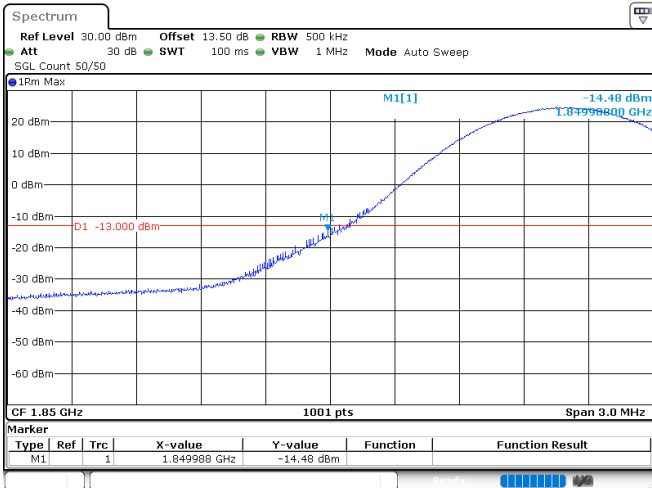


Channel_19125_75RB

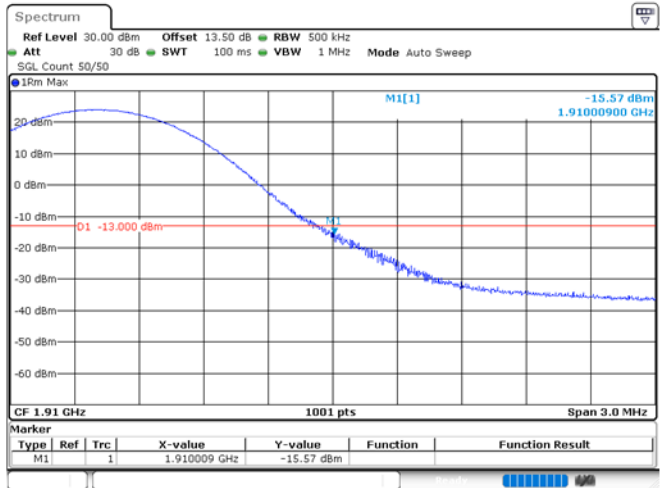


LTE Band 2 _ Channel Bandwidth: 20 MHz

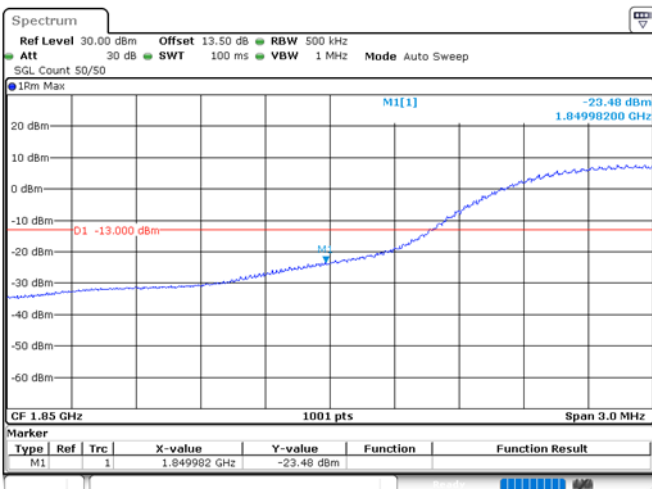
Channel_18700_1RB



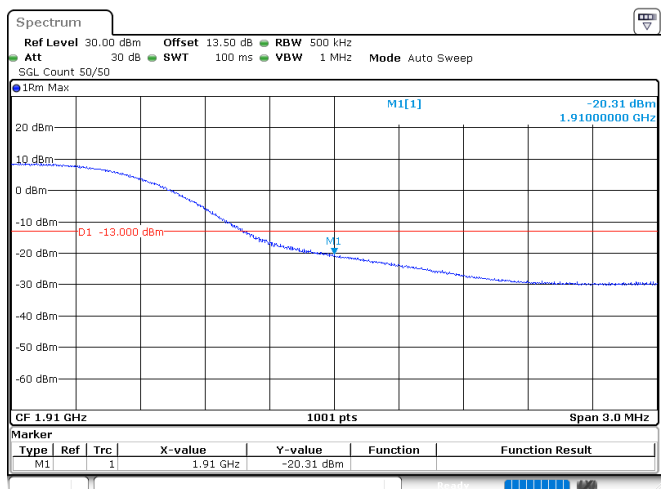
Channel_19100_1RB



Channel_18700_100RB



Channel_19100_100RB

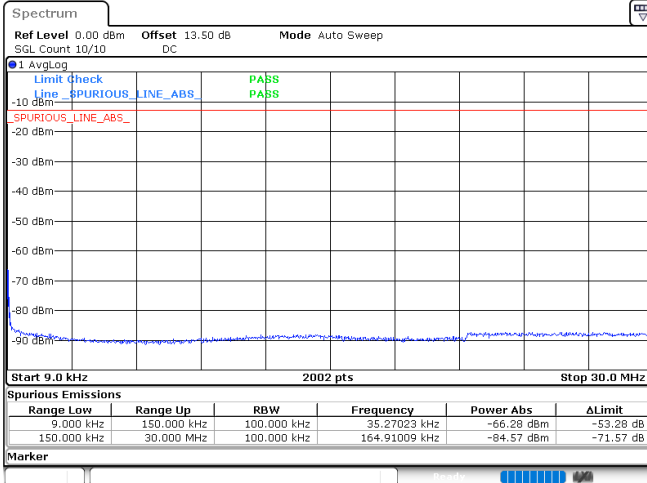


Conducted Spurious Emission

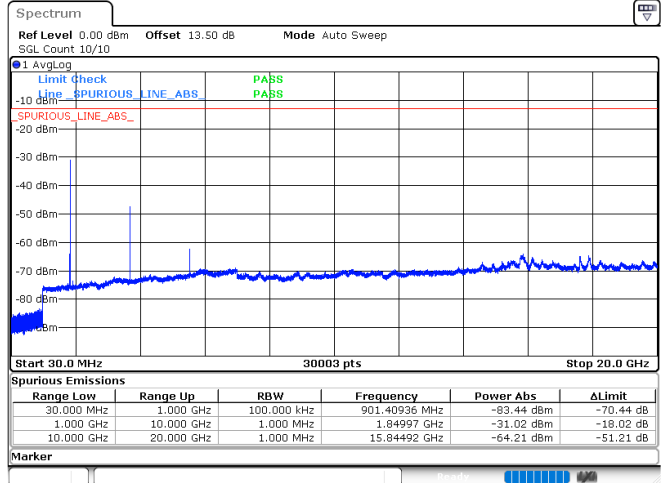
LTE Band 2 _ Channel Bandwidth 1.4 MHz

Channel 18607

Frequency Range: 9kHz ~ 30MHz

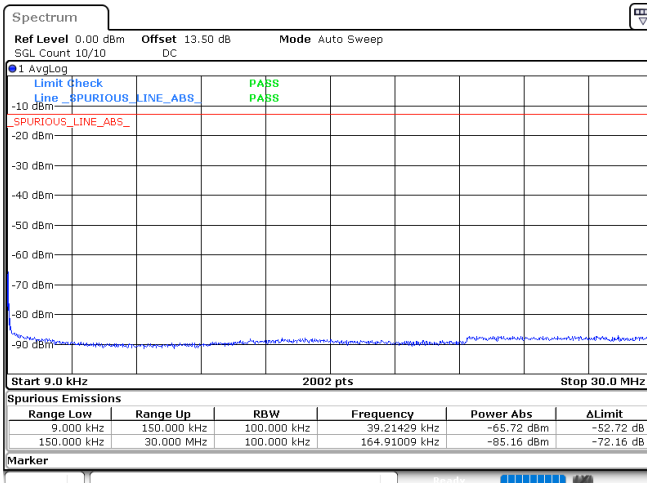


Frequency Range: 30MHz ~ 10th harmonic

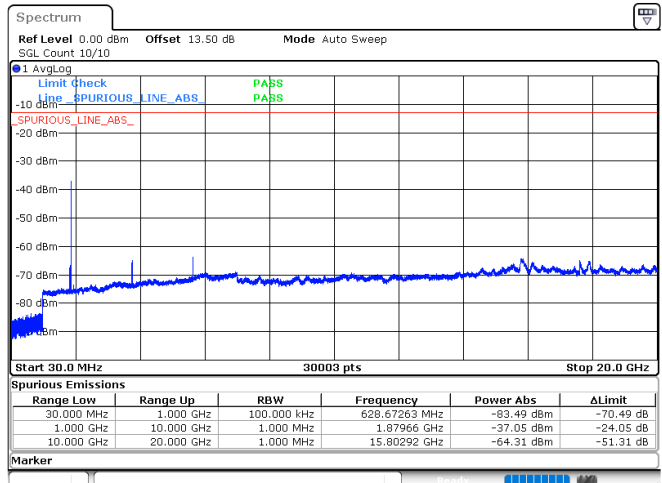


Channel 18900

Frequency Range: 9kHz ~ 30MHz

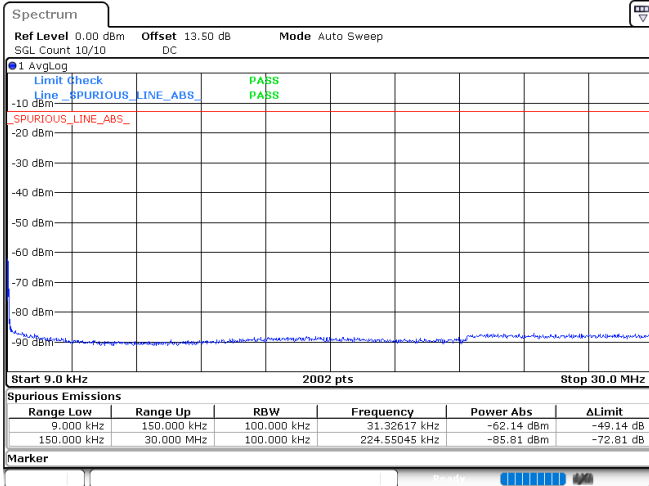


Frequency Range: 30MHz ~ 10th harmonic

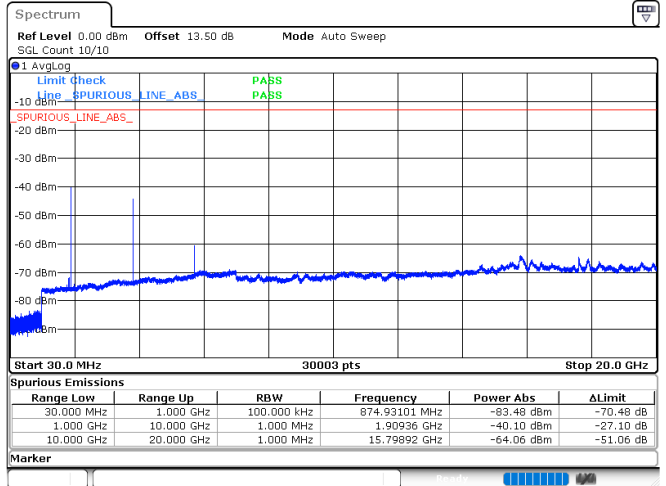


Channel 19193

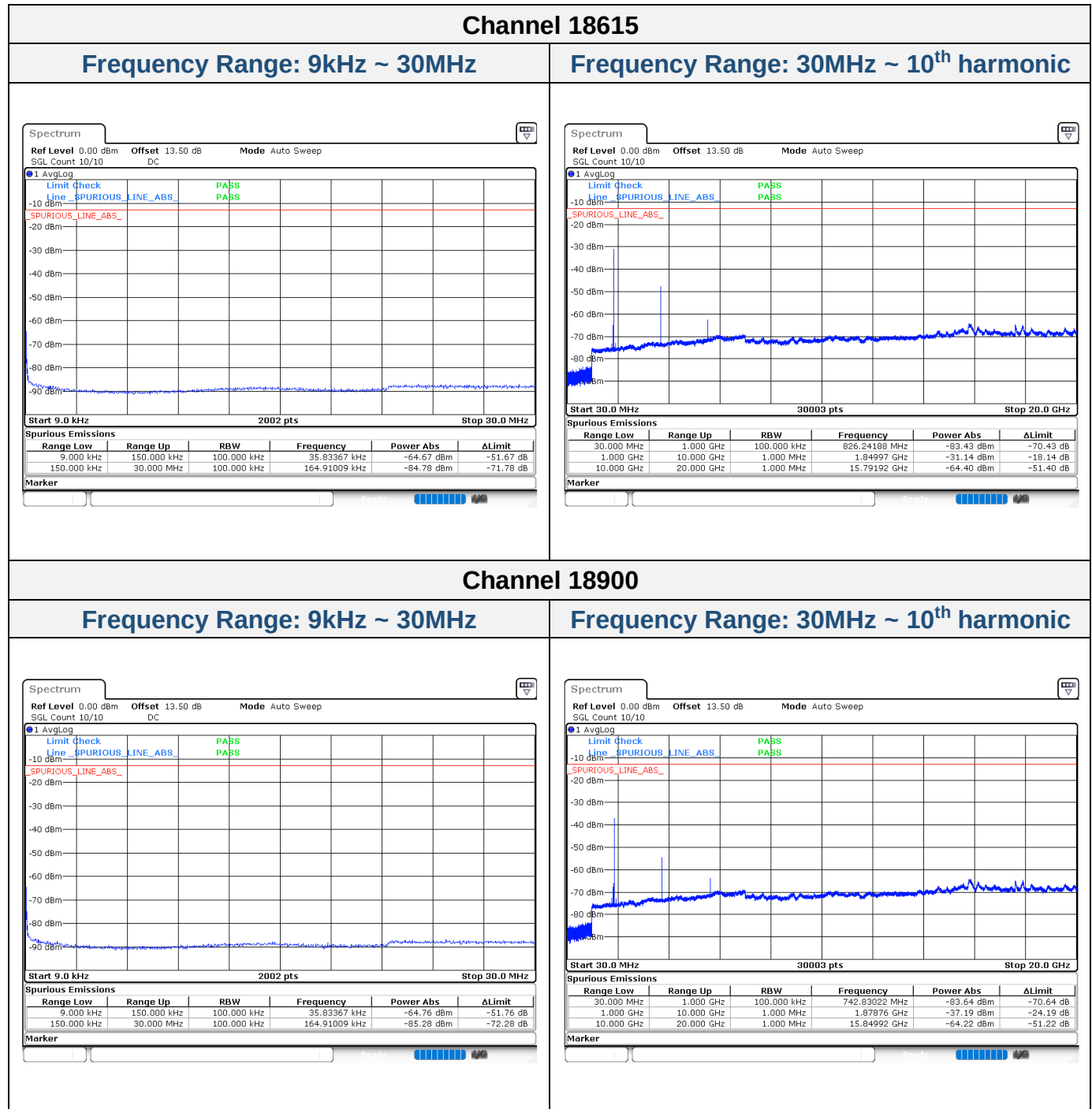
Frequency Range: 9kHz ~ 30MHz



Frequency Range: 30MHz ~ 10th harmonic

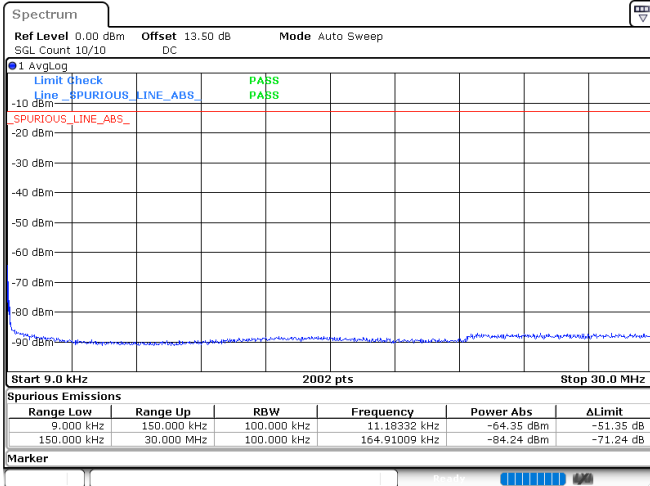


LTE Band 2 _ Channel Bandwidth 3 MHz

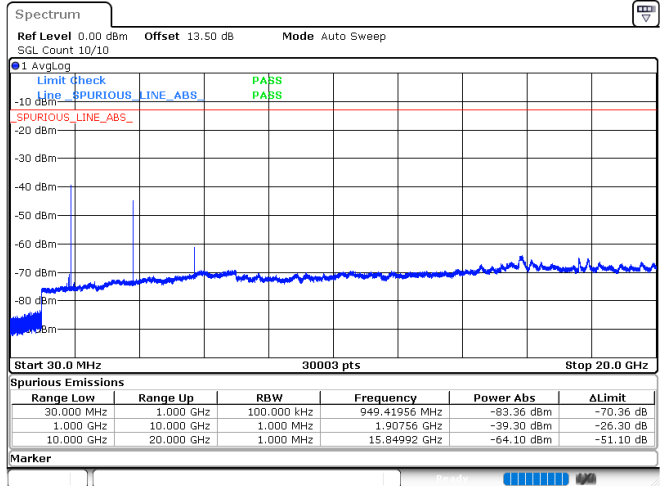


Channel 19185

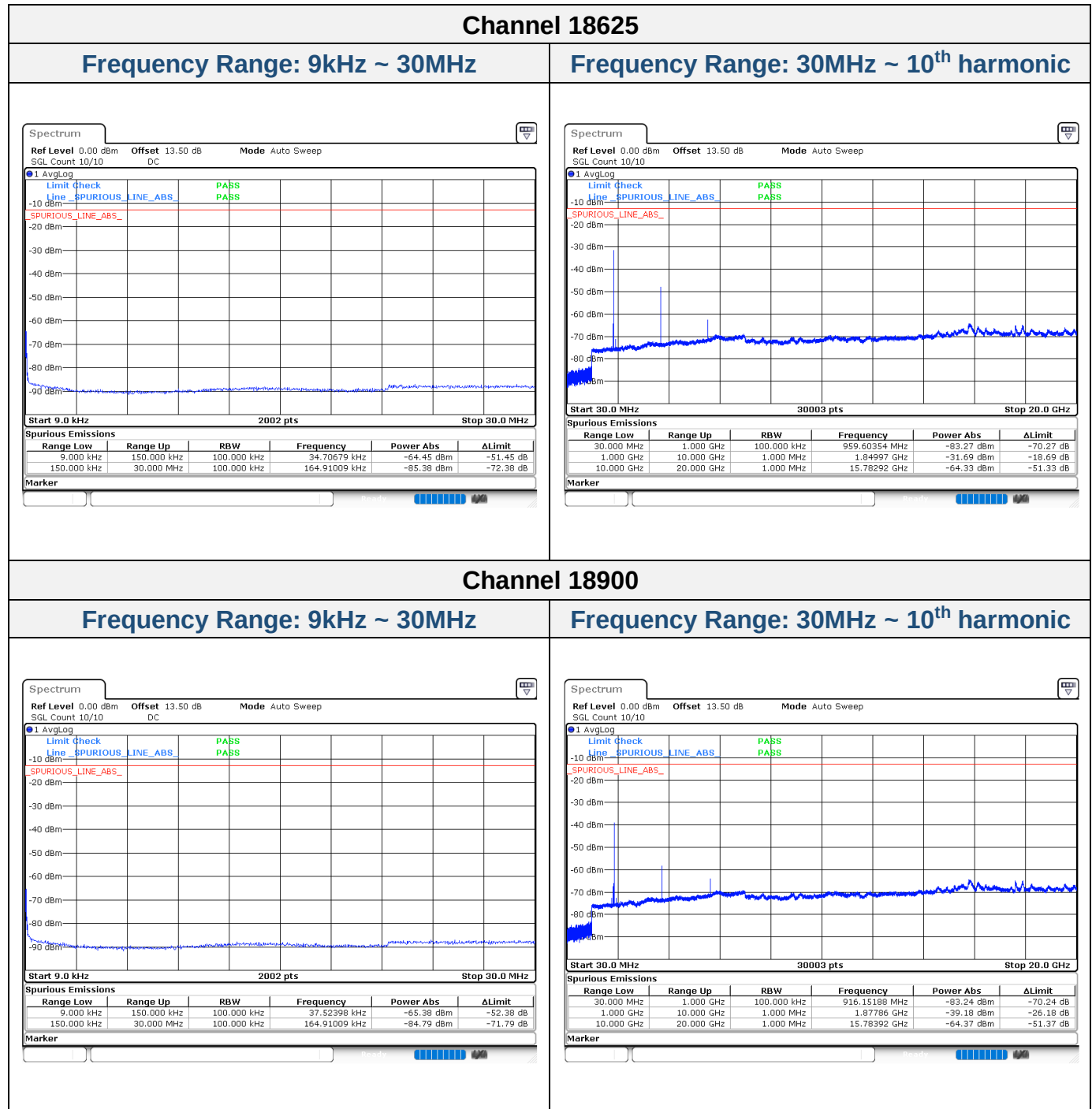
Frequency Range: 9kHz ~ 30MHz



Frequency Range: 30MHz ~ 10th harmonic



LTE Band 2 _ Channel Bandwidth 5 MHz

**Channel 18900**
Frequency Range: 9kHz ~ 30MHz
Frequency Range: 30MHz ~ 10th harmonic

Spectrum V

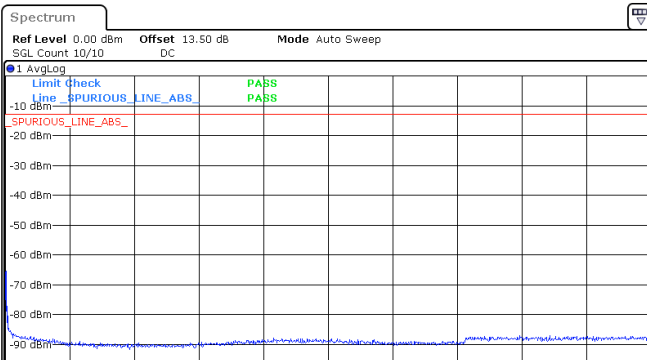
Ref Level 0.00 dBm Offset 13.50 dB Mode Auto Sweep
SGL Count 10/10 DC

1 AvgLog

Limit Check PASS

Line SPURIOUS LINE_ABS PASS

SPURIOUS_LINE_ABS_



Start 9.0 kHz 2002 pts Stop 30.0 MHz

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 kHz	150.000 kHz	100.000 kHz	37.52398 kHz	-65.38 dBm	-52.38 dB
150.000 kHz	30.000 MHz	100.000 kHz	164.91009 kHz	-84.79 dBm	-71.79 dB

Marker

Spectrum V

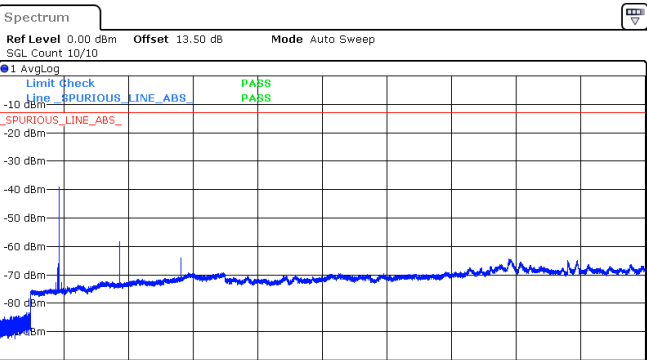
Ref Level 0.00 dBm Offset 13.50 dB Mode Auto Sweep
SGL Count 10/10

1 AvgLog

Limit Check PASS

Line SPURIOUS LINE_ABS PASS

SPURIOUS_LINE_ABS_



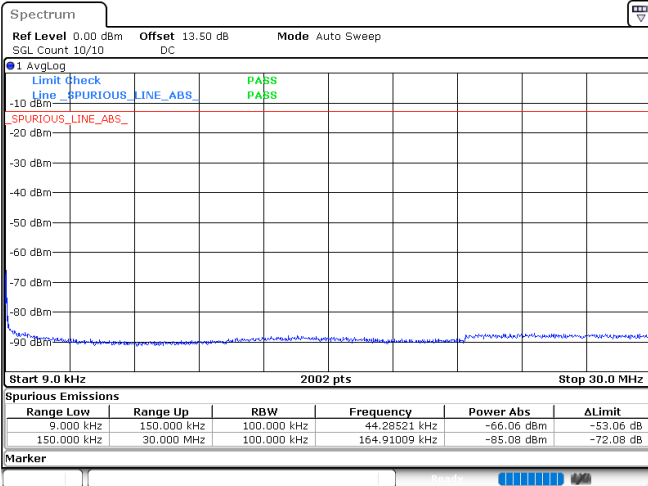
Start 30.0 MHz 30003 pts Stop 20.0 GHz

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	100.000 kHz	916.15188 MHz	-83.24 dBm	-70.24 dB
1.000 GHz	10.000 GHz	1.000 MHz	1.87786 GHz	-39.18 dBm	-26.18 dB
10.000 GHz	20.000 GHz	1.000 MHz	15.78392 GHz	-64.37 dBm	-51.37 dB

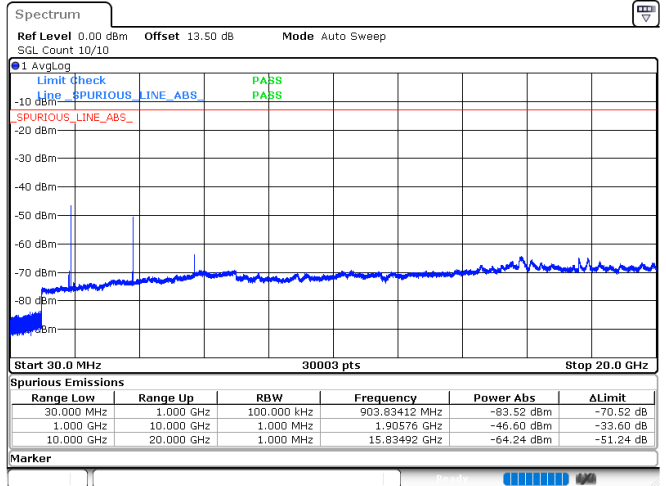
Marker

Channel 19175

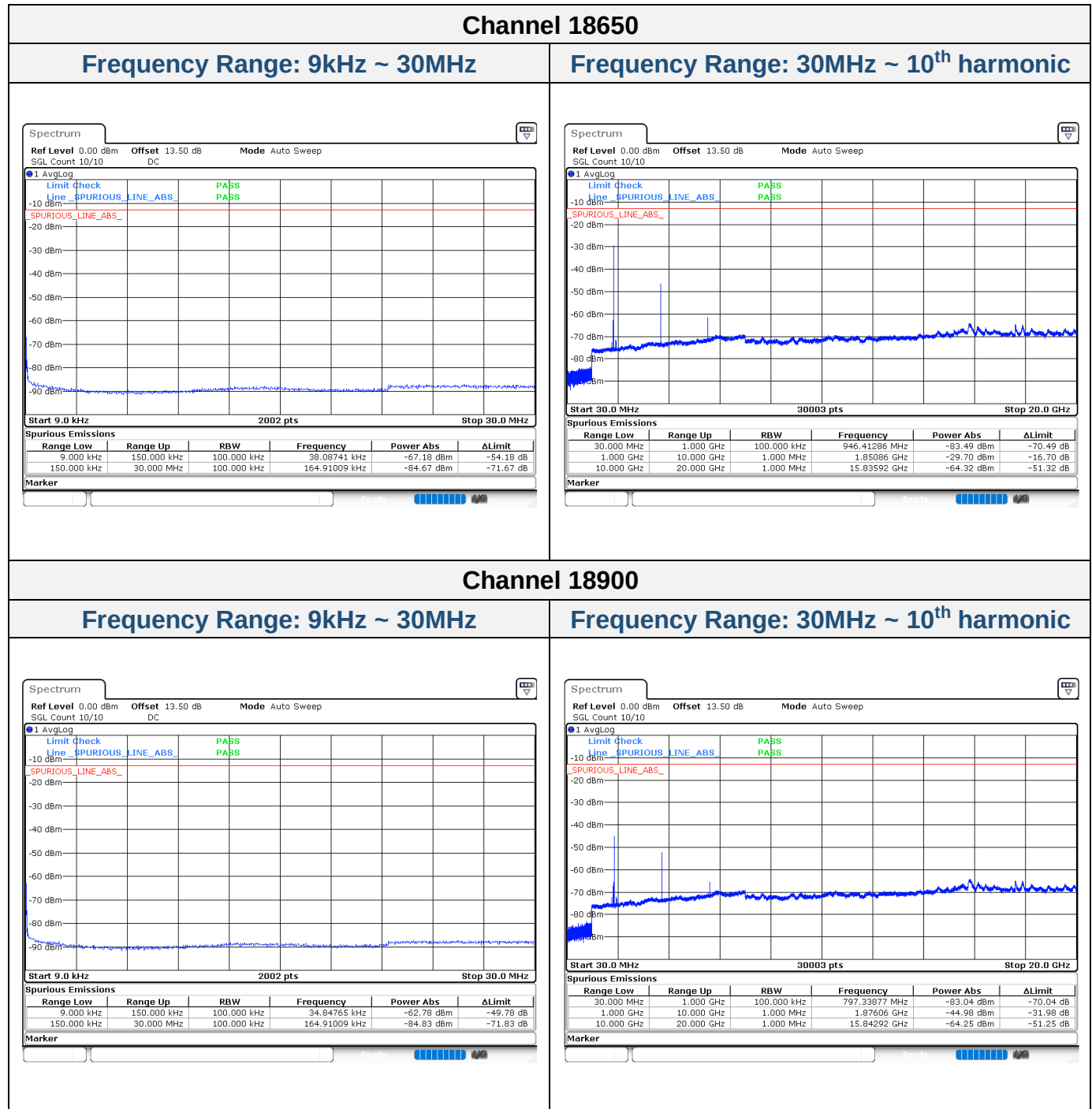
Frequency Range: 9kHz ~ 30MHz



Frequency Range: 30MHz ~ 10th harmonic

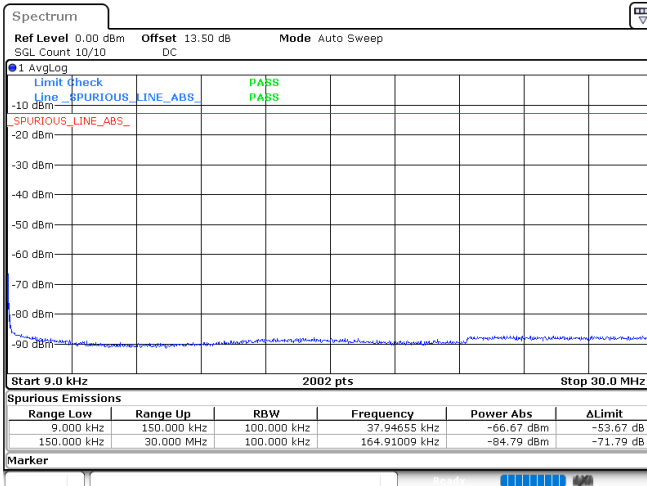


LTE Band 2 _ Channel Bandwidth 10 MHz

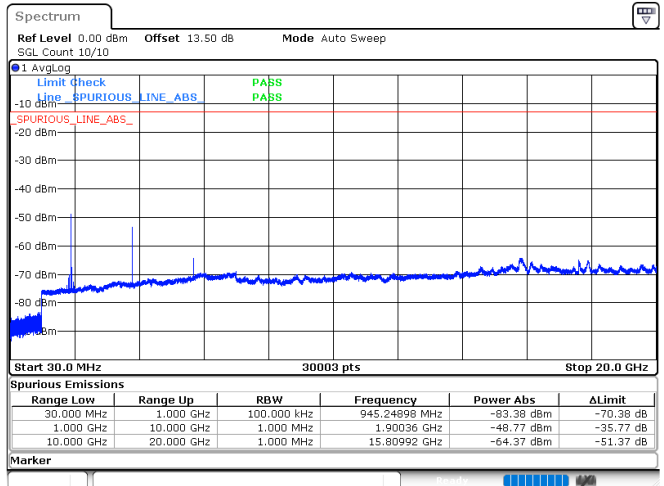


Channel 19150

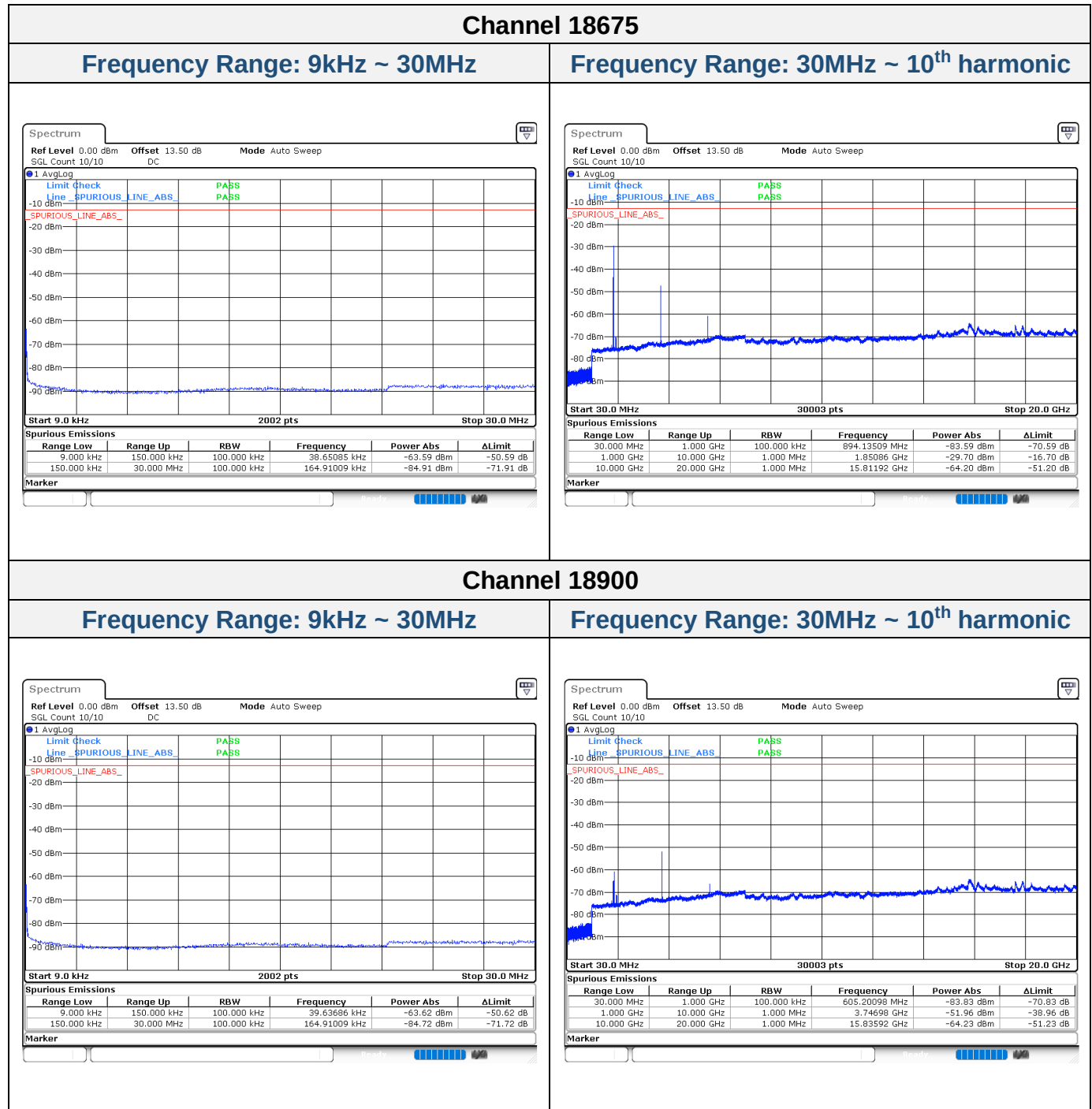
Frequency Range: 9kHz ~ 30MHz



Frequency Range: 30MHz ~ 10th harmonic

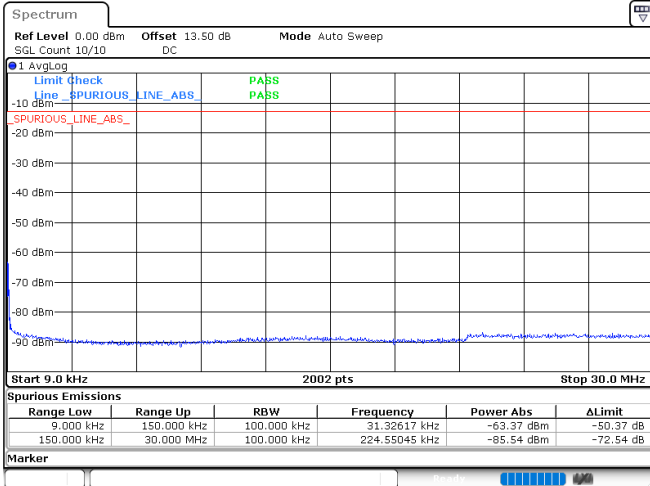


LTE Band 2 _ Channel Bandwidth 15 MHz

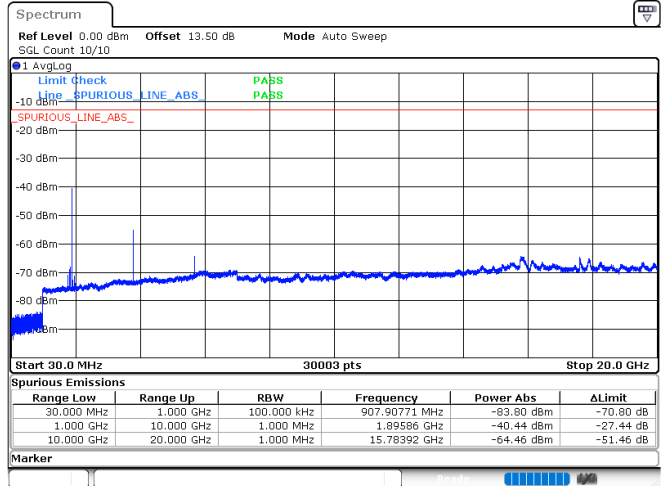


Channel 19125

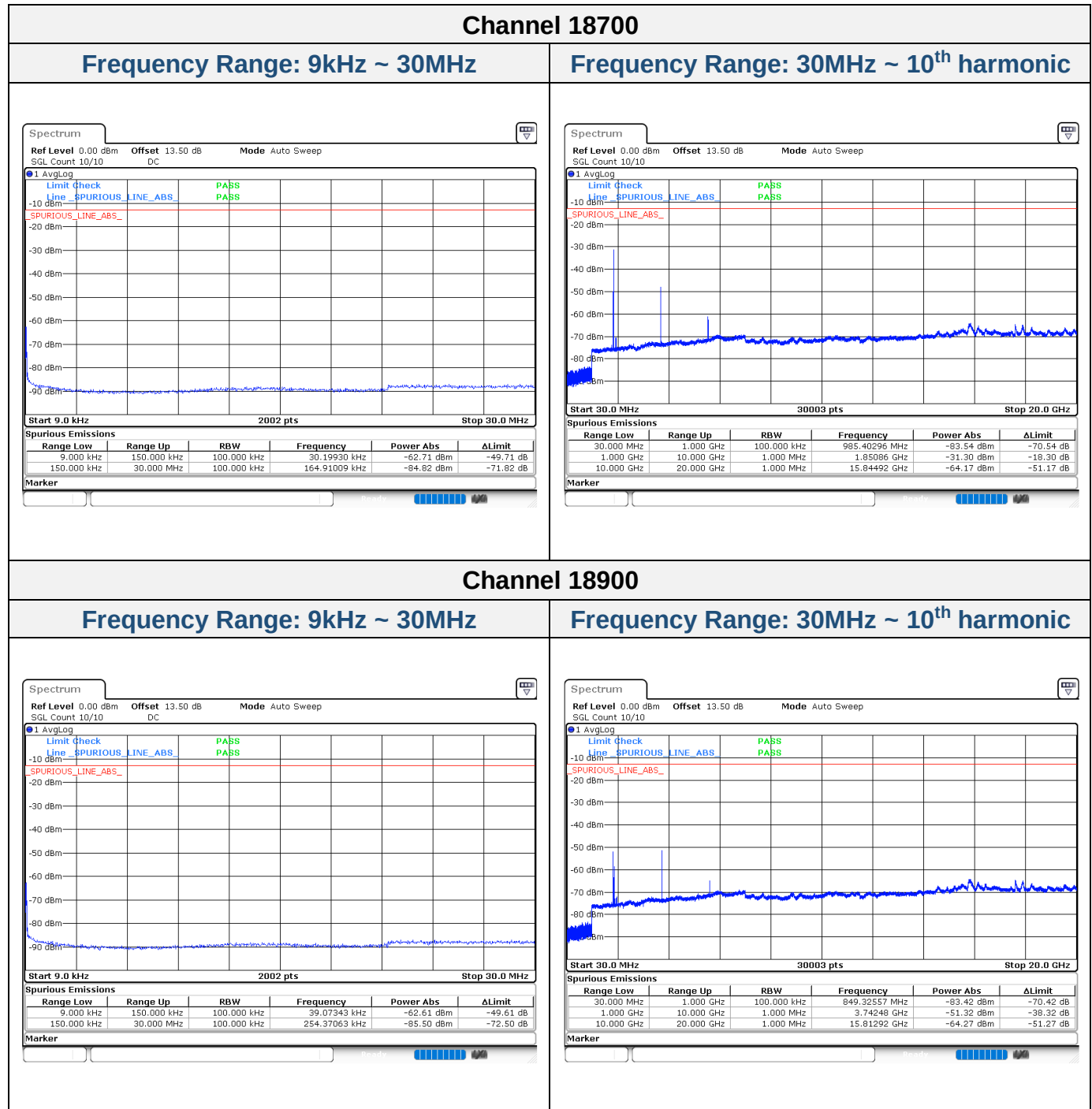
Frequency Range: 9kHz ~ 30MHz



Frequency Range: 30MHz ~ 10th harmonic

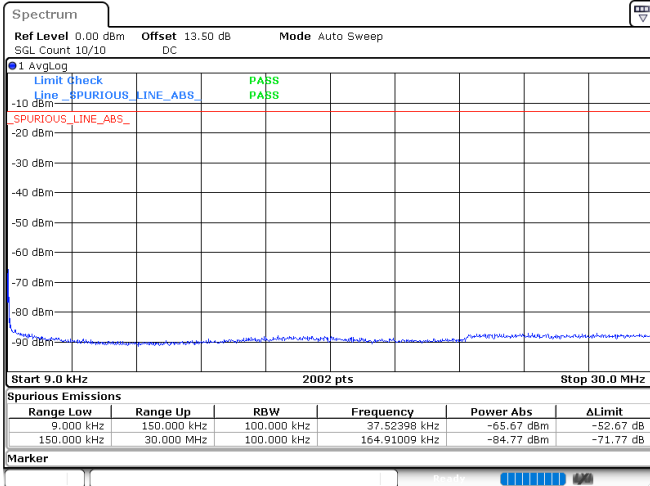


LTE Band 2 _ Channel Bandwidth 20 MHz



Channel 19100

Frequency Range: 9kHz ~ 30MHz



Frequency Range: 30MHz ~ 10th harmonic

