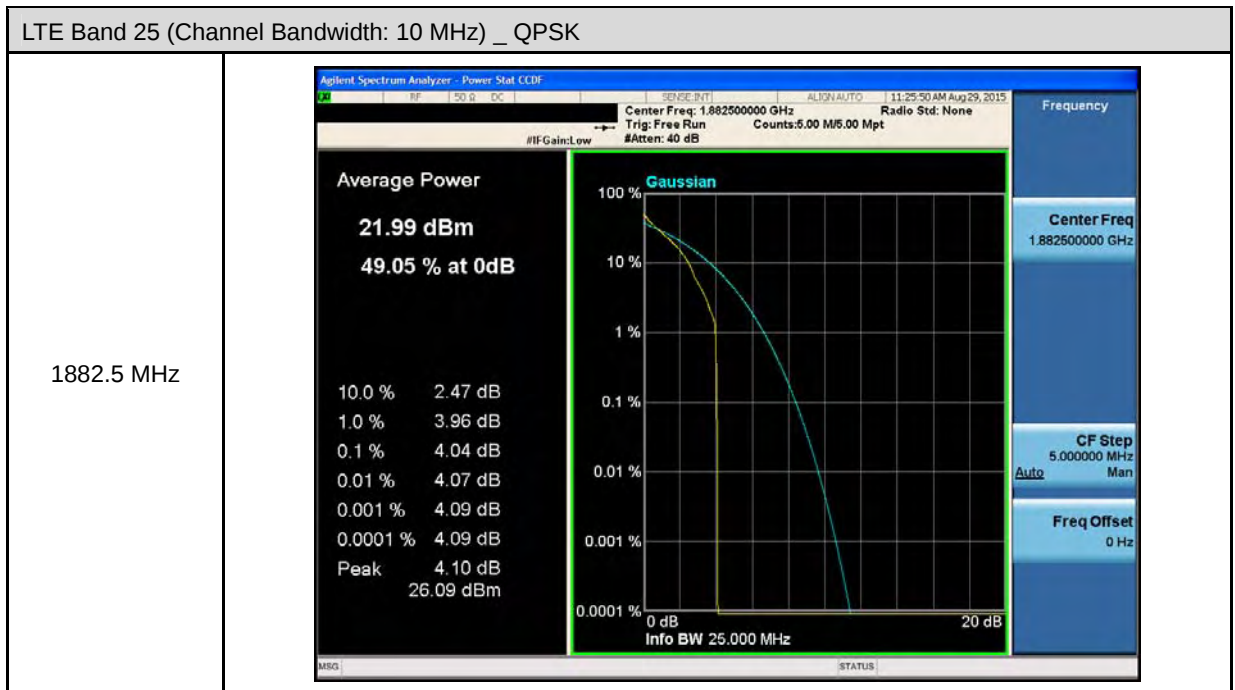
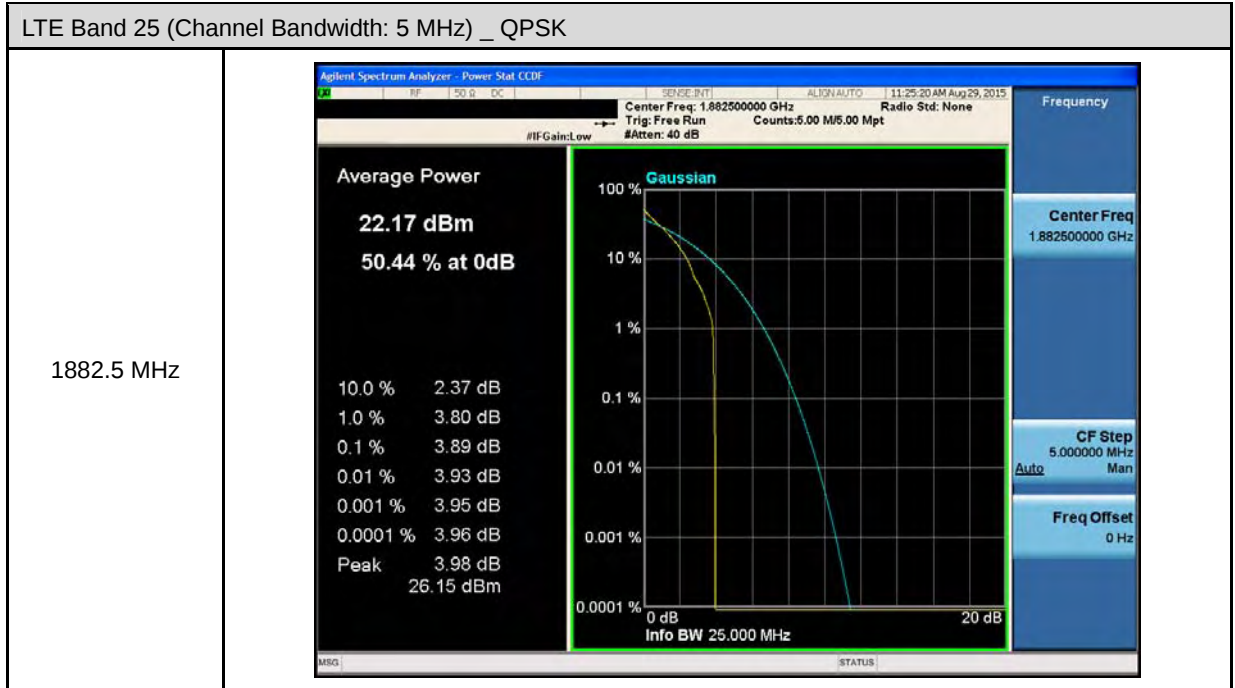
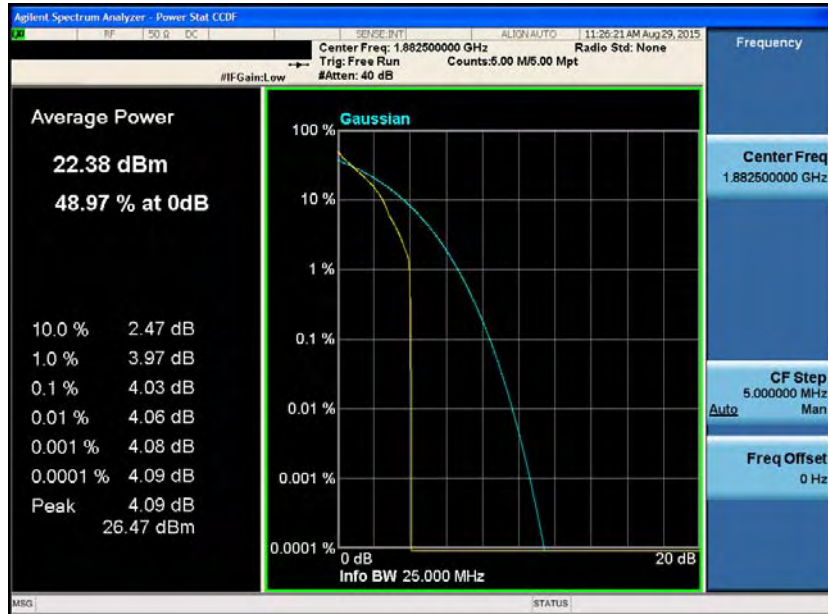




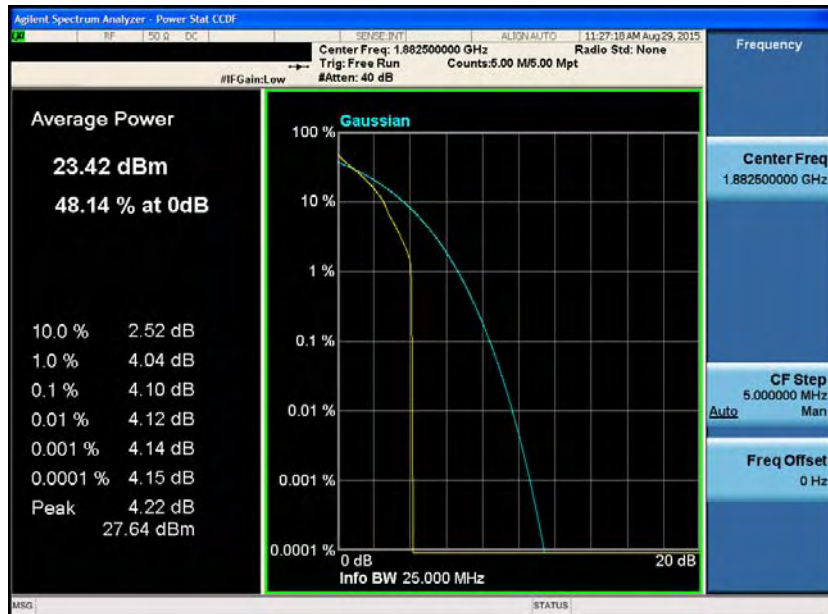
LTE Band 25 (Channel Bandwidth: 15 MHz) _ QPSK

1882.5 MHz



LTE Band 25 (Channel Bandwidth: 20 MHz) _ QPSK

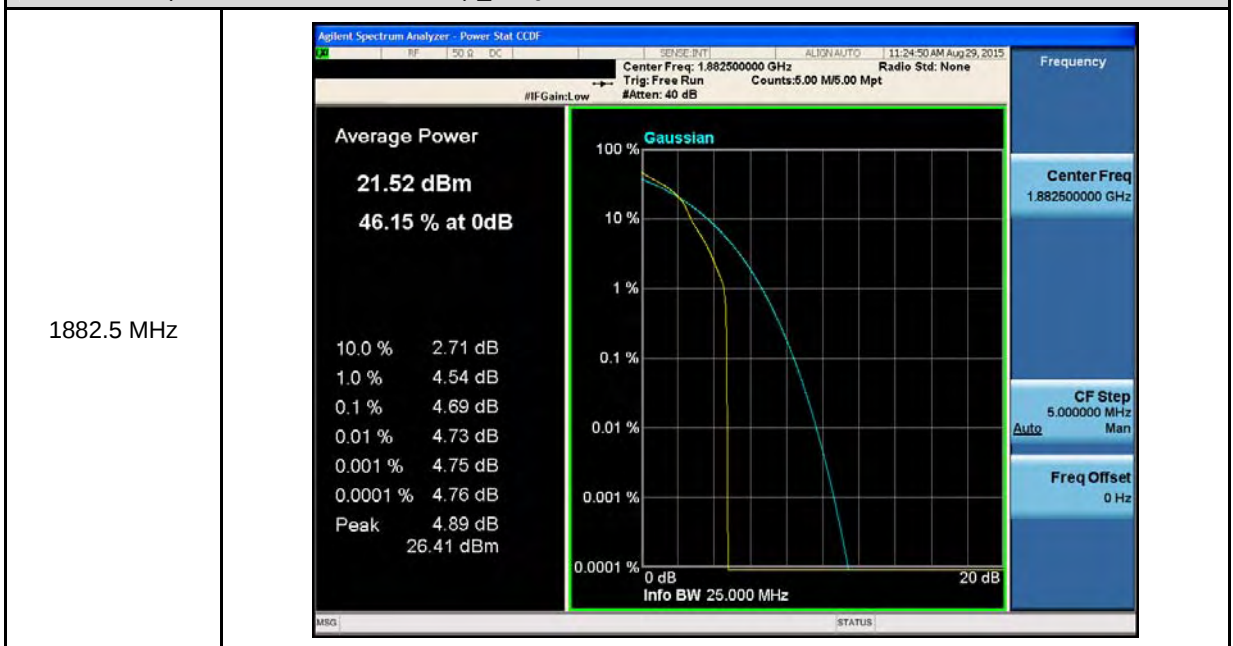
1882.5 MHz



LTE Band 25 (Channel Bandwidth: 1.4 MHz) _ 16QAM

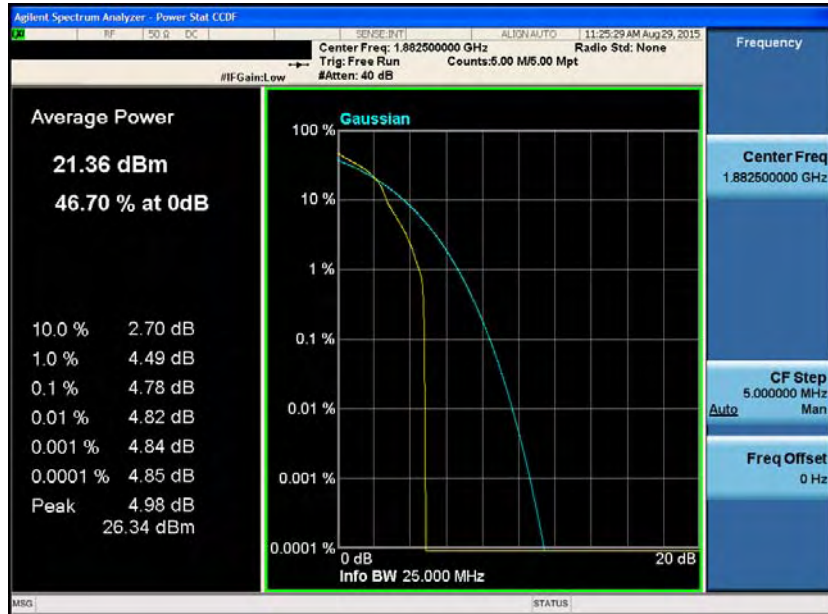


LTE Band 25 (Channel Bandwidth: 3 MHz) _ 16QAM



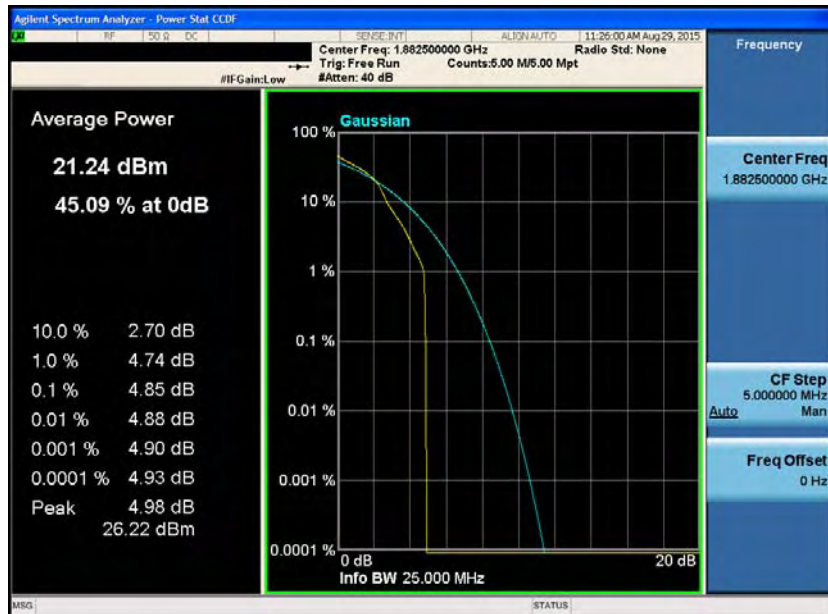
LTE Band 25 (Channel Bandwidth: 5 MHz) _ 16QAM

1882.5 MHz

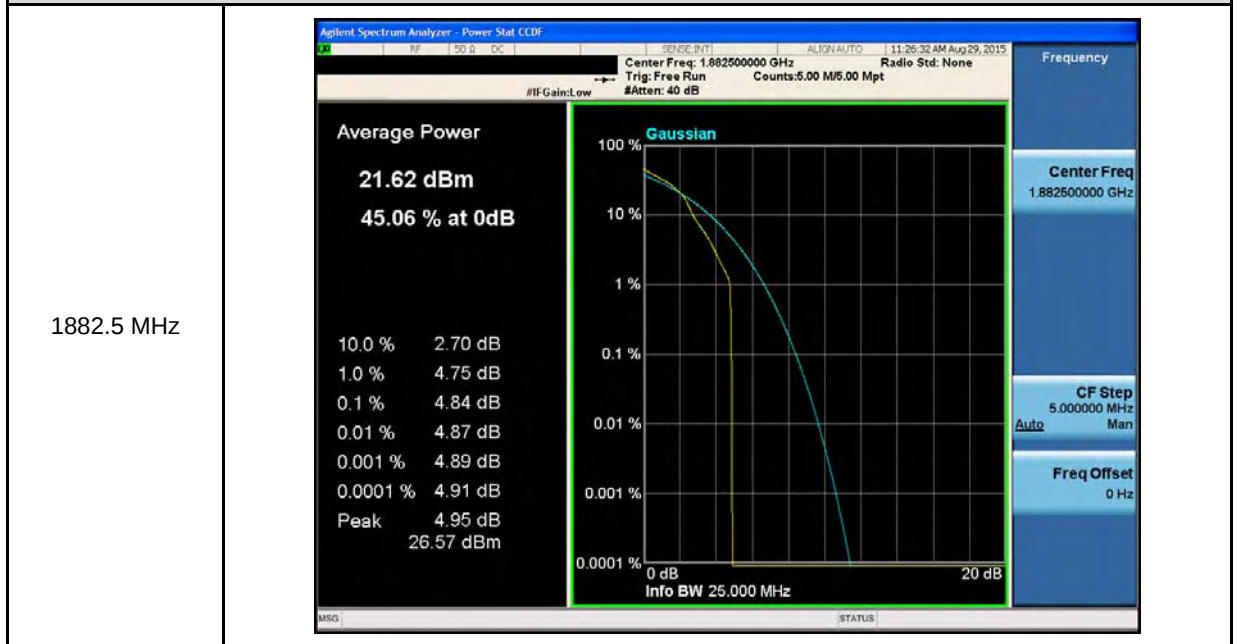


LTE Band 25 (Channel Bandwidth: 10 MHz) _ 16QAM

1882.5 MHz



LTE Band 25 (Channel Bandwidth: 15 MHz) _ 16QAM

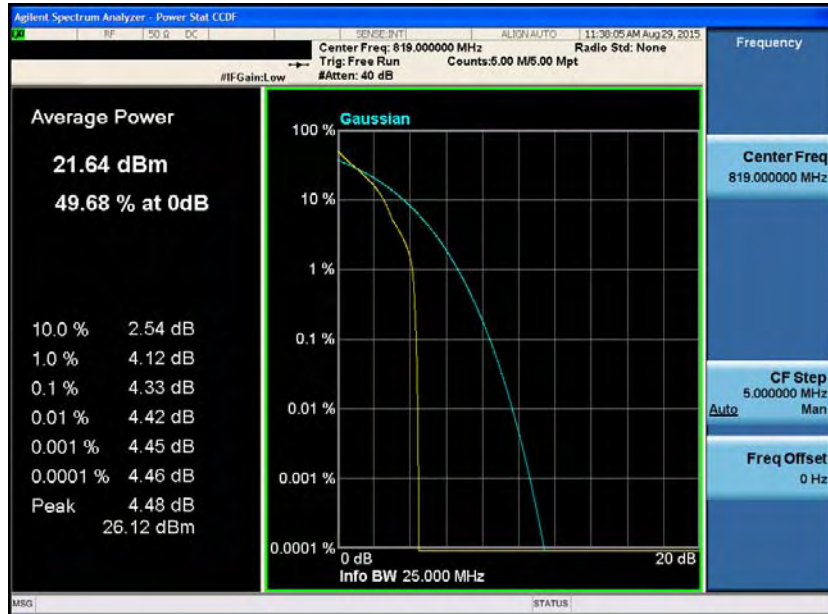


LTE Band 25 (Channel Bandwidth: 20 MHz) _ 16QAM



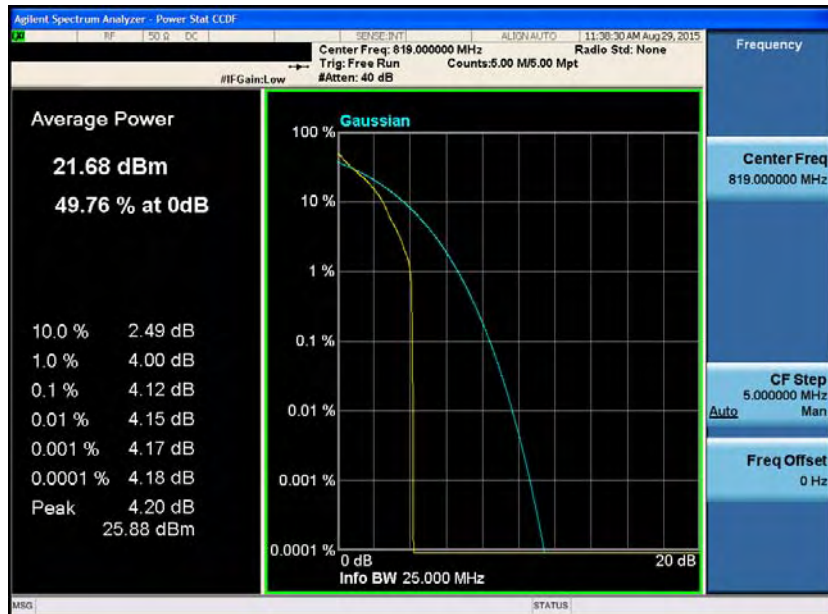
LTE Band 26_Part 90S (Channel Bandwidth: 1.4 MHz) _ QPSK

819.0 MHz



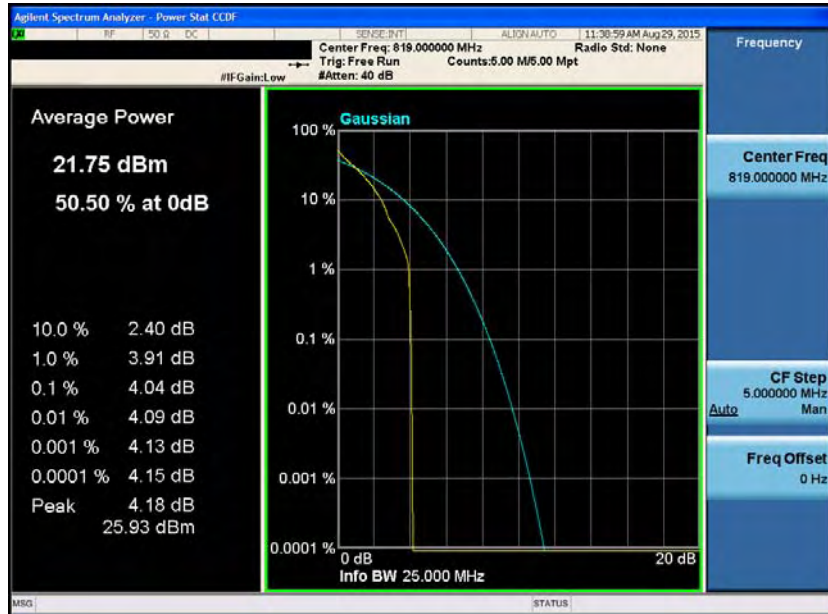
LTE Band 26_Part 90S (Channel Bandwidth: 3 MHz) _ QPSK

819.0 MHz



LTE Band 26_Part 90S (Channel Bandwidth: 5 MHz) _ QPSK

819.0 MHz



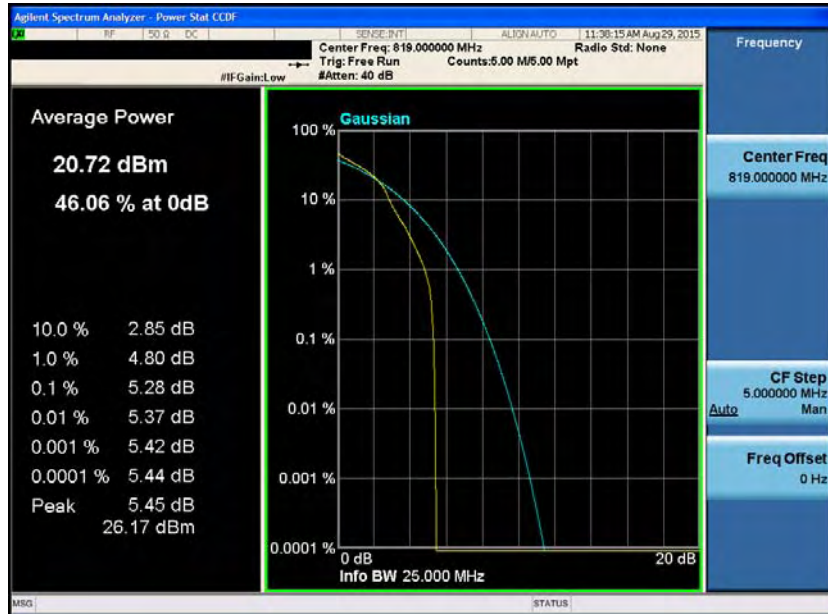
LTE Band 26_Part 90S (Channel Bandwidth: 10 MHz) _ QPSK

819.0 MHz



LTE Band 26_Part 90S (Channel Bandwidth: 1.4 MHz) _ 16QAM

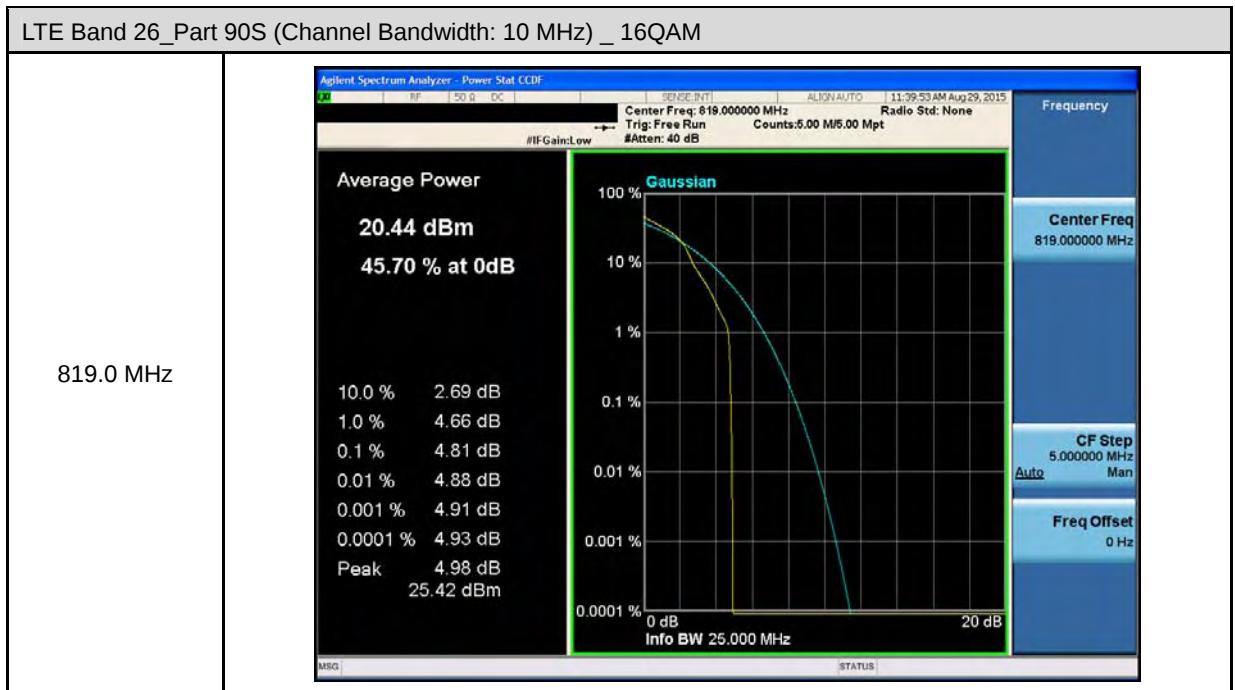
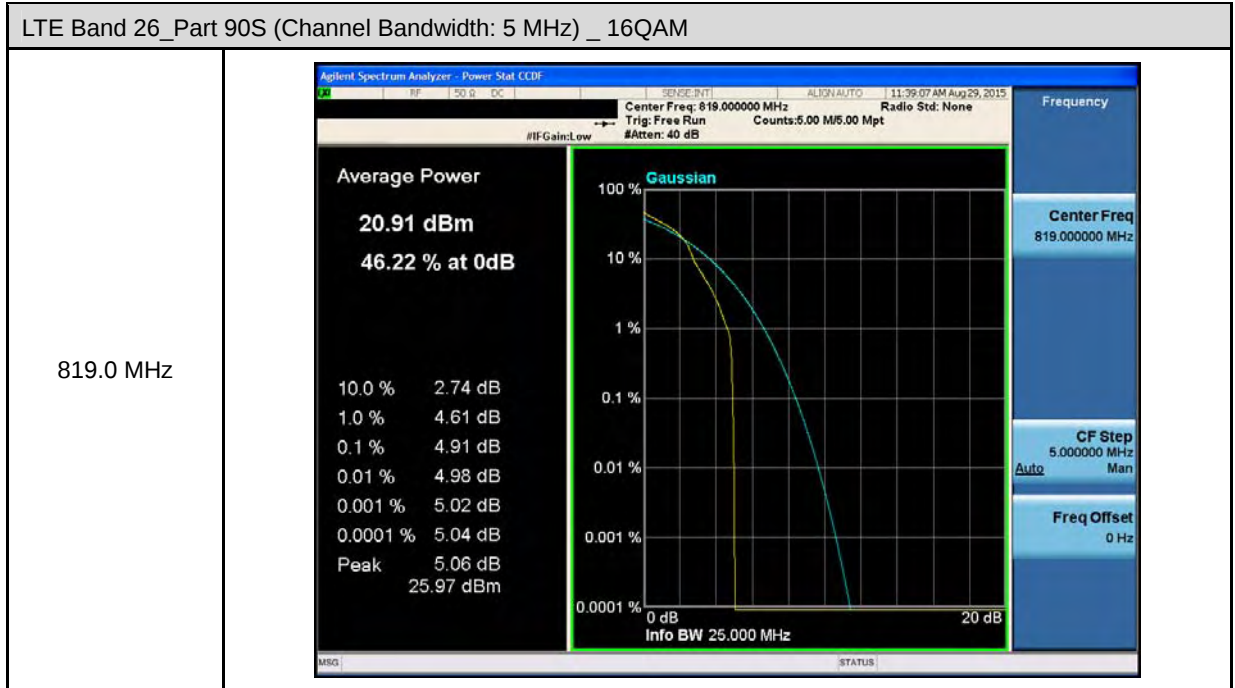
819.0 MHz



LTE Band 26_Part 90S (Channel Bandwidth: 3 MHz) _ 16QAM

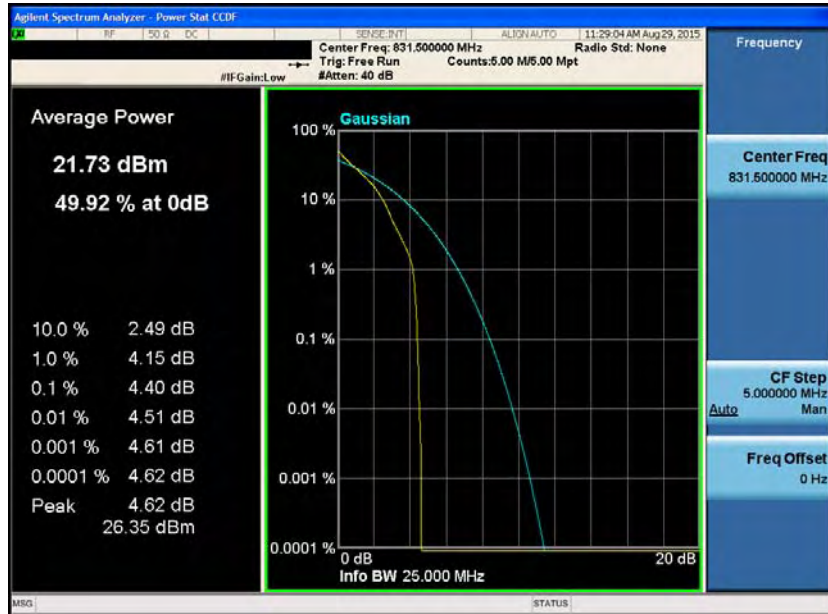
819.0 MHz





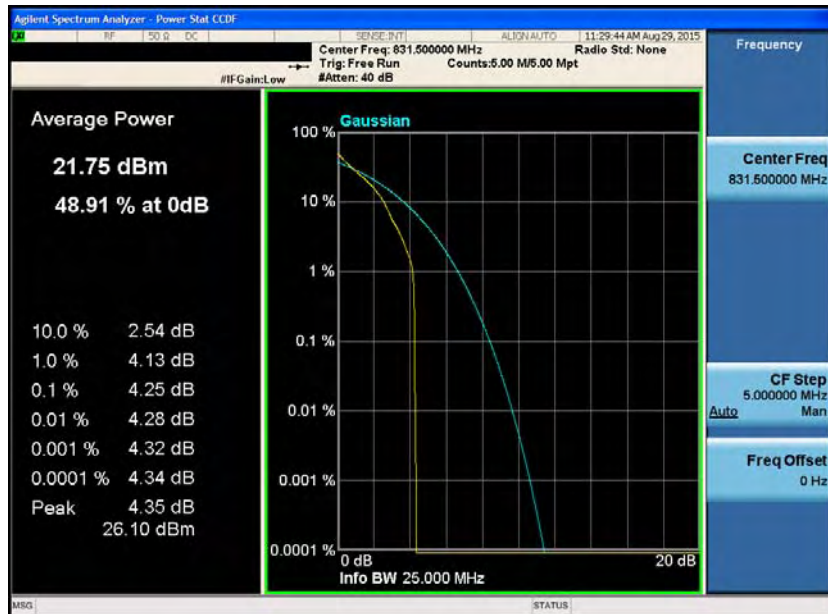
LTE Band 26_Part 22H (Channel Bandwidth: 1.4 MHz) _ QPSK

831.5 MHz



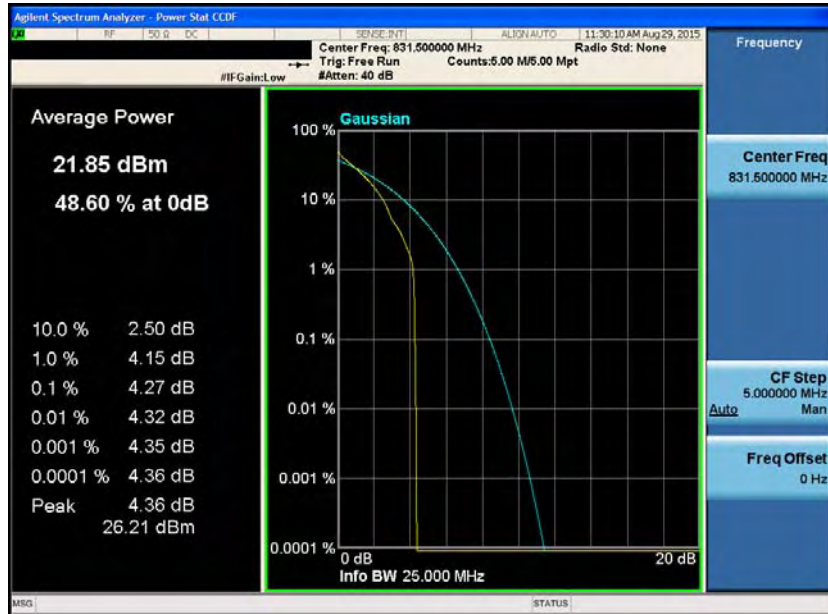
LTE Band 26_Part 22H (Channel Bandwidth: 3 MHz) _ QPSK

831.5 MHz



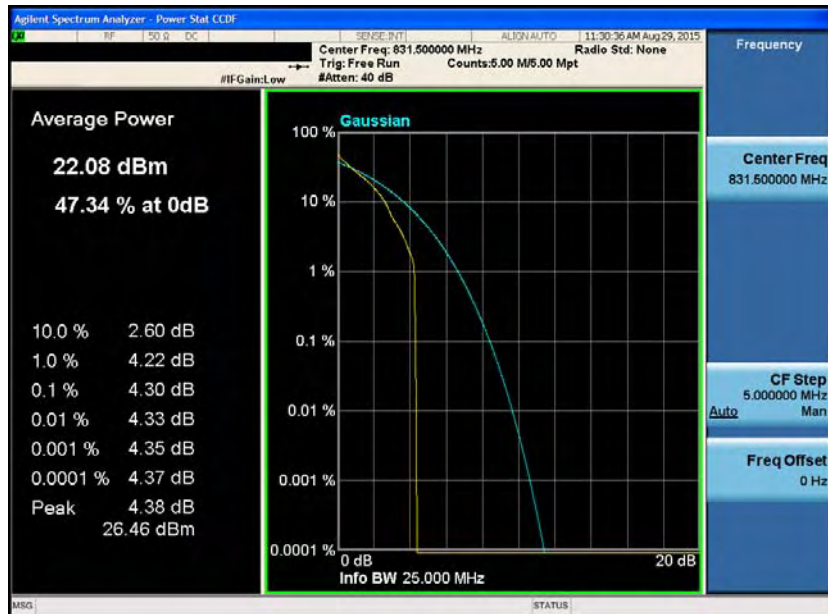
LTE Band 26_Part 22H (Channel Bandwidth: 5 MHz) _ QPSK

831.5 MHz



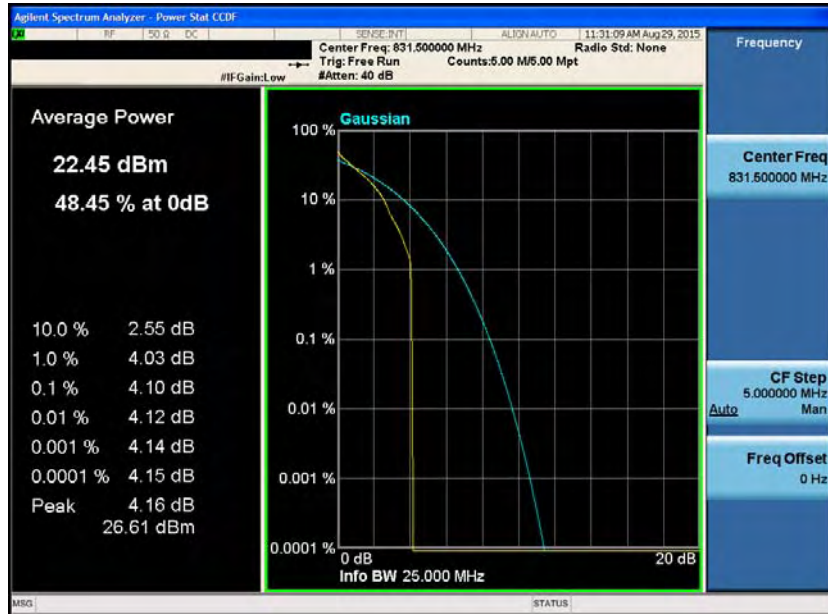
LTE Band 26_Part 22H (Channel Bandwidth: 10 MHz) _ QPSK

831.5 MHz



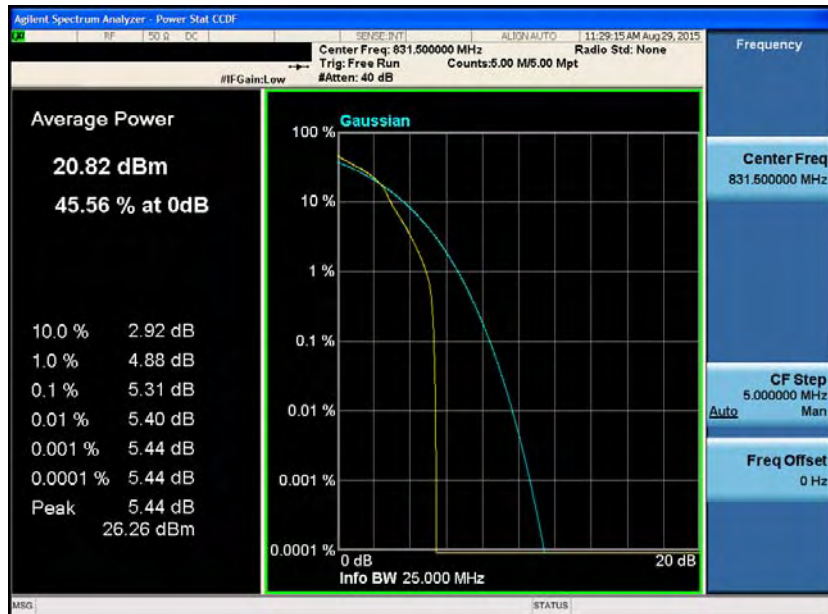
LTE Band 26_Part 22H (Channel Bandwidth: 15 MHz) _ QPSK

831.5 MHz



LTE Band 26_Part 22H (Channel Bandwidth: 1.4 MHz) _ 16QAM

831.5 MHz



LTE Band 26_Part 22H (Channel Bandwidth: 3 MHz) _ 16QAM

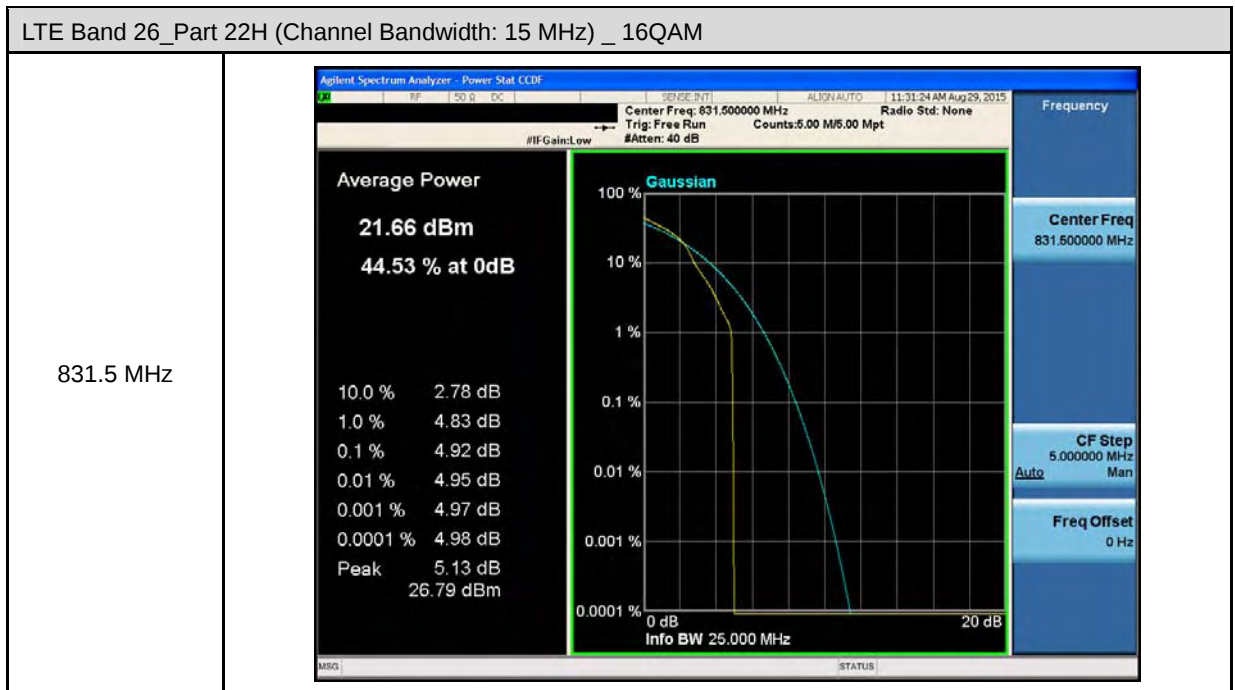
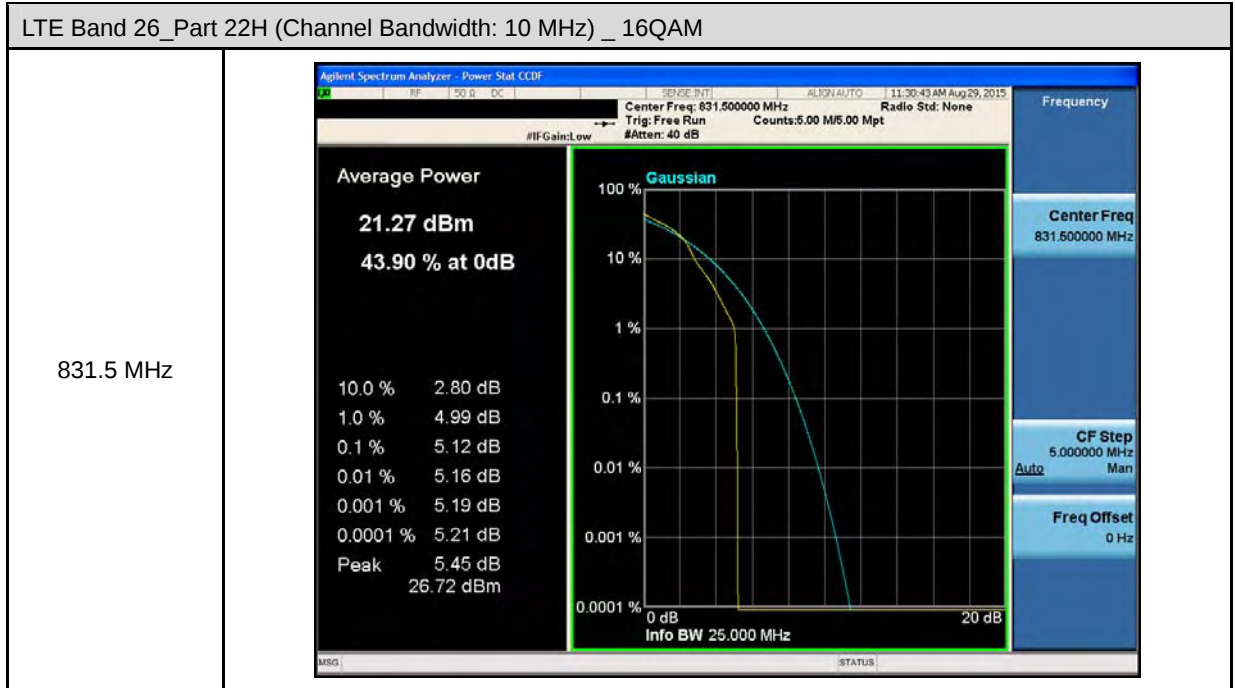
831.5 MHz



LTE Band 26_Part 22H (Channel Bandwidth: 5 MHz) _ 16QAM

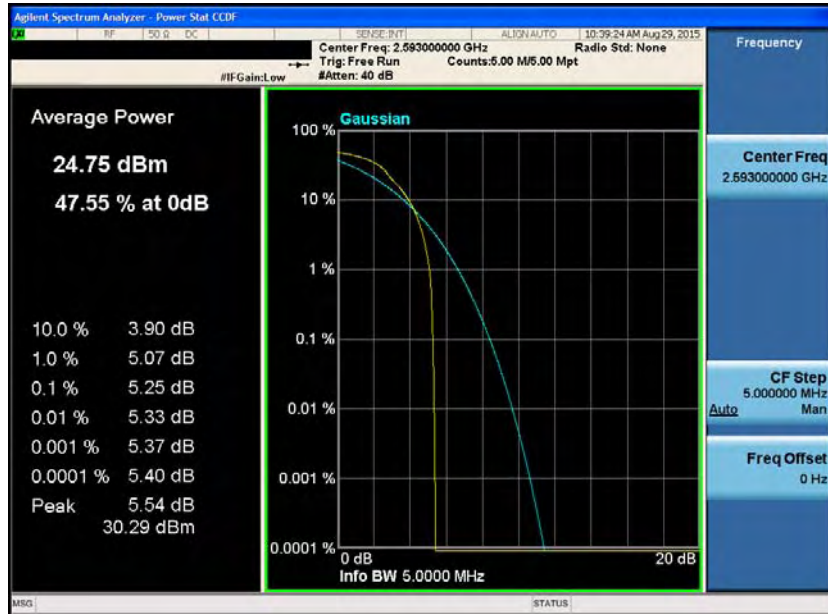
831.5 MHz





LTE Band 41 (Channel Bandwidth: 5 MHz) _ QPSK

2593.0 MHz



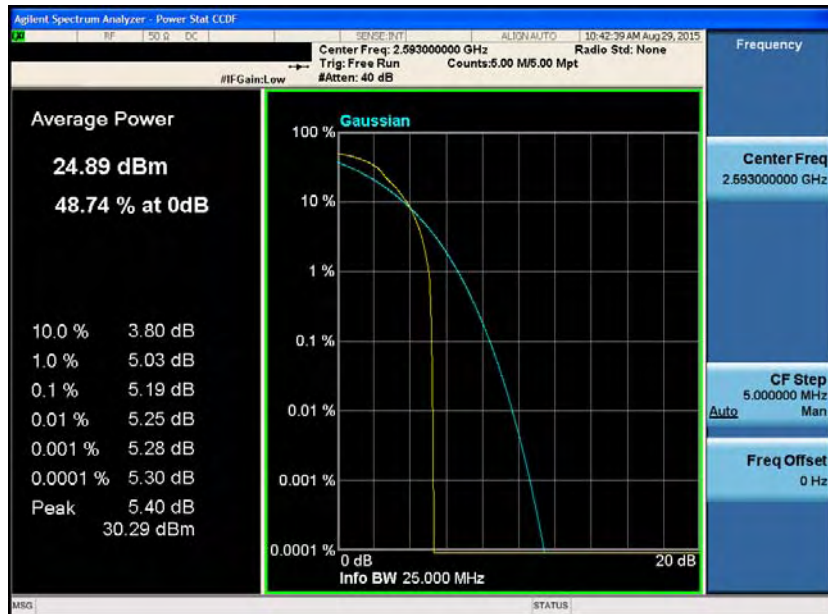
LTE Band 41 (Channel Bandwidth: 10 MHz) _ QPSK

2593.0 MHz



LTE Band 41 (Channel Bandwidth: 15 MHz) _ QPSK

2593.0 MHz



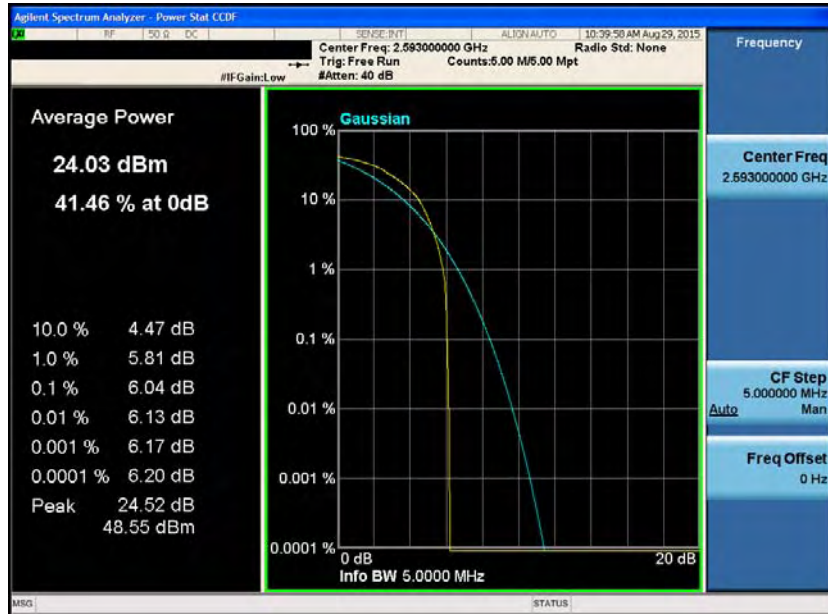
LTE Band 41 (Channel Bandwidth: 20 MHz) _ QPSK

2593.0 MHz



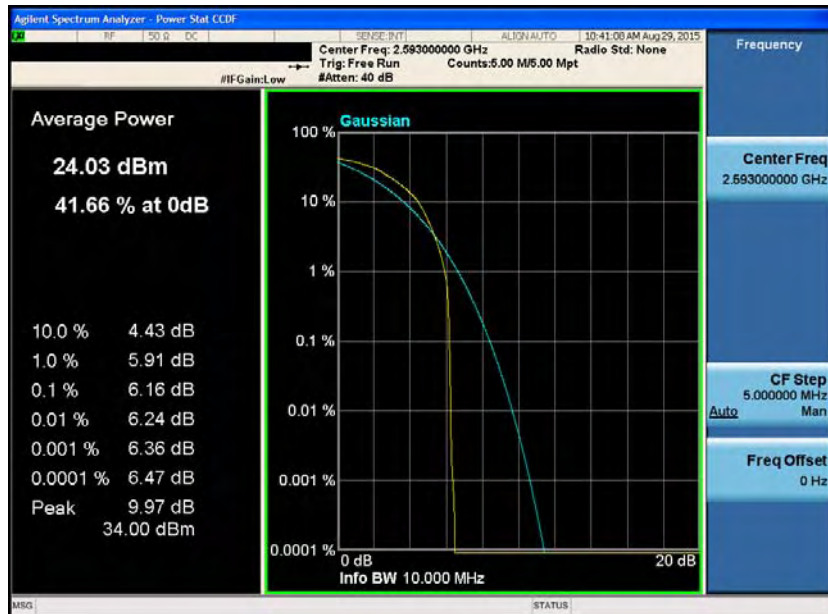
LTE Band 41 (Channel Bandwidth: 5 MHz) _ 16QAM

2593.0 MHz

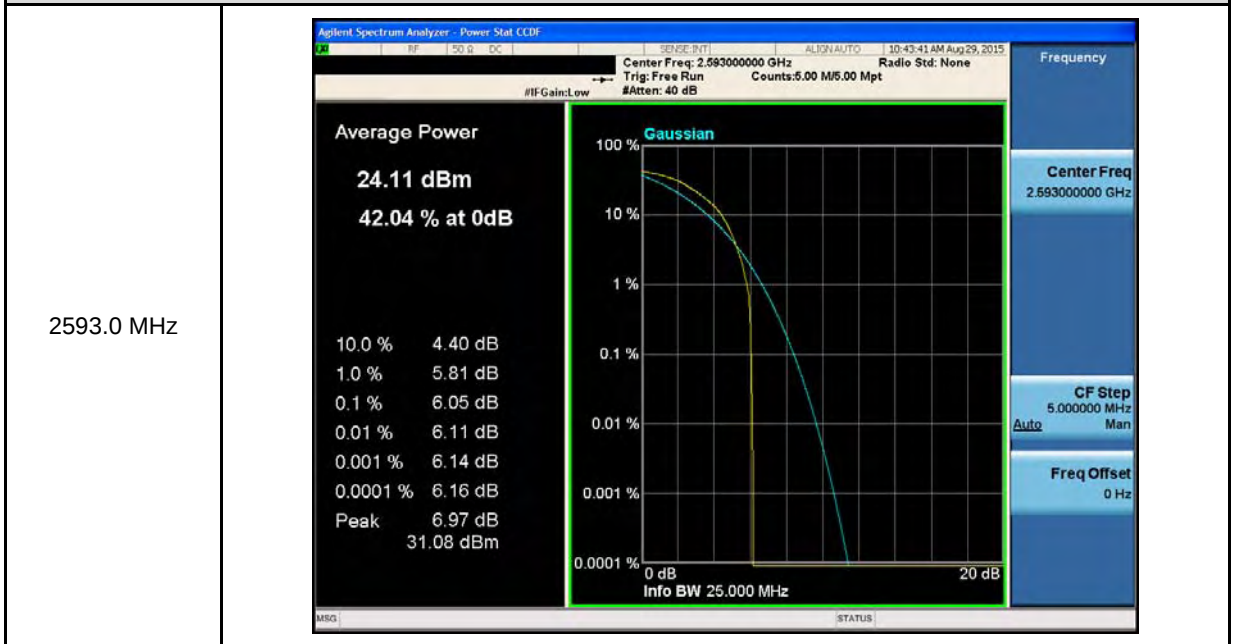


LTE Band 41 (Channel Bandwidth: 10 MHz) _ 16QAM

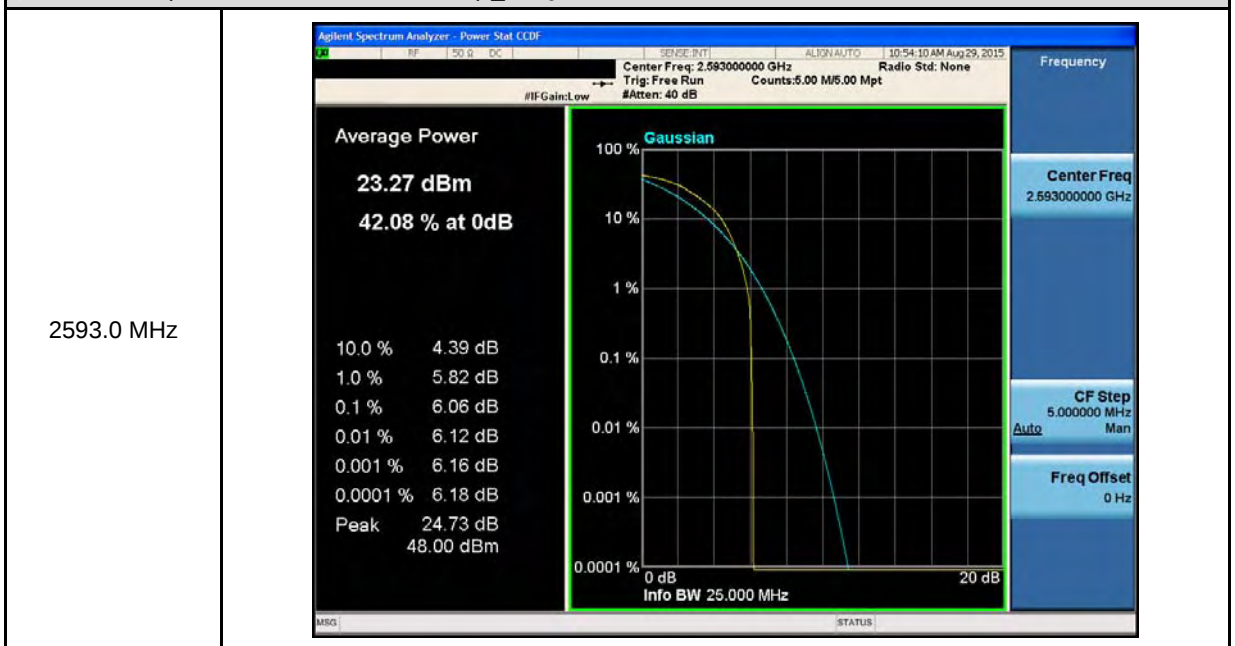
2593.0 MHz



LTE Band 41 (Channel Bandwidth: 15 MHz) _ 16QAM



LTE Band 41 (Channel Bandwidth: 20 MHz) _ 16QAM



7 Band Edge Test

7.1. Limit

The Band Edge Limit:

§22.917(a), §24.238(a)

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.

§27.53(g)

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10} (P)$ dB.

§27.53(m)

For mobile digital stations, the attenuation factor shall be not less than $43 + 10\log_{10}(P)$ dB at the channel edge and $55 + 10\log_{10}(P)$ dB

at 5.5 megahertz from the channel edges.

§90.691

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 $50 + 10\log_{10} (P[\text{Watts}])$ at Band Edge and for all out-of-band emissions within 37.5Khz of Block Edge.

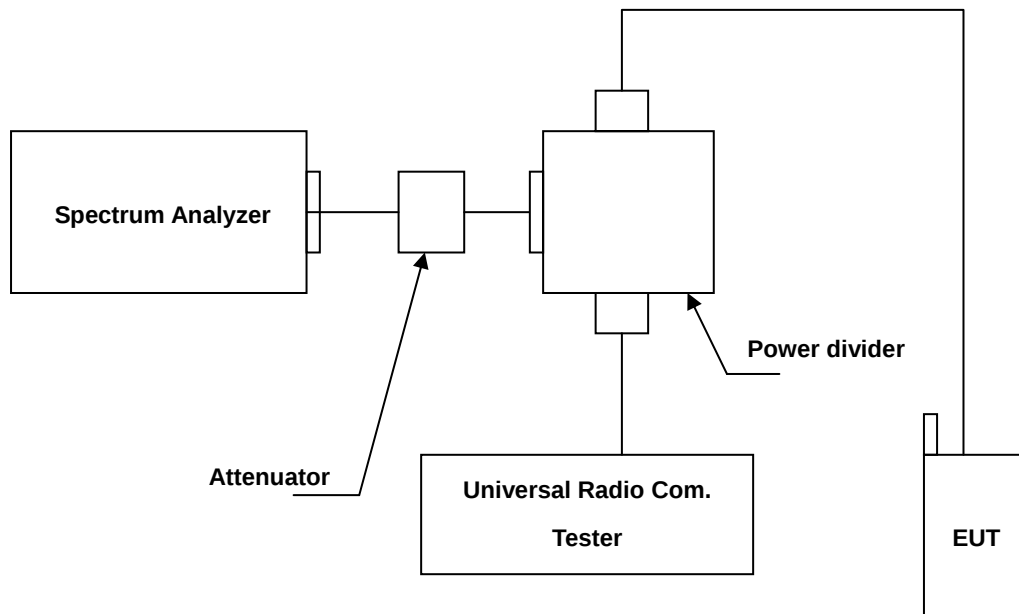
7.2. Test Instruments

Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Remark
Spectrum Analyzer	Agilent	E4445A	MY46181986	05/14/2015	(1)
Wideband Radio Communication Test	R & S	CMW500	103168	11/05/2014	(1)
Attenuator	RADIAL	R41572000	0603033073	N.C.R.	-----
Power divider	Agilent	87302C	3239A00760	N.C.R.	-----
Test Site	ATL	TE05	TE05	N.C.R.	-----

Remark: ⁽¹⁾ Calibration period 1 year. ⁽²⁾ Calibration period 2 years.

Note: N.C.R. = No Calibration Request.

7.3. Setup



7.4. Test Procedure

The measurement is made according to FCC rules:

- The EUT was set up for the maximum peak power with LTE link data modulation. The power was measured with Spectrum Analyzer.
- The band edge measurement used the power splitter via EUT RF power connector between simulation base station and spectrum analyzer.
- Record the max trace plot into the test report.

7.5. Uncertainty

The measurement uncertainty is defined as for Conducted Power measurement is 1.2 dB.

7.6. Test Result

Frequency	LTE Band 2	Channel Bandwidth	1.4 MHz	RB Allocated	6
Lower Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 1.850 00 GHz -15.603 dBm #Avg Log 10 dB/ Offst 4.3 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA Ⓔ(f): f>50k Swp Center 1.850 00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Span 10 MHz Copyright 2000-2006 Agilent Technologies Freq/Channel Center Freq 1.85000000 GHz Start Freq 1.84500000 GHz Stop Freq 1.85500000 GHz CF Step 1.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				
Higher Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 1.910 00 GHz -18.644 dBm #Avg Log 10 dB/ Offst 4.3 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA Ⓔ(f): f>50k Swp Center 1.910 00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Span 10 MHz Copyright 2000-2006 Agilent Technologies Freq/Channel Center Freq 1.91000000 GHz Start Freq 1.90500000 GHz Stop Freq 1.91500000 GHz CF Step 1.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				

Frequency	LTE Band 2	Channel Bandwidth	3 MHz	RB Allocated	15
Lower Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 1.850 00 GHz -18.515 dBm #Avg Log 10 dB/ Offst 4.3 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA Ⓔ(f): f>50k Swp Center 1.850 00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Span 10 MHz Copyright 2000-2006 Agilent Technologies R L Freq/Channel Center Freq 1.85000000 GHz Start Freq 1.84500000 GHz Stop Freq 1.85500000 GHz CF Step 1.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				
Higher Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 1.910 00 GHz -20.196 dBm #Avg Log 10 dB/ Offst 4.3 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA Ⓔ(f): f>50k Swp Center 1.910 00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Span 10 MHz Copyright 2000-2006 Agilent Technologies R T Freq/Channel Center Freq 1.91000000 GHz Start Freq 1.90500000 GHz Stop Freq 1.91500000 GHz CF Step 1.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				

Frequency	LTE Band 2	Channel Bandwidth	5 MHz	RB Allocated	25
Lower Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 1.850 00 GHz -22.647 dBm #Avg Log 10 dB/ Offst 4.3 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA Ⓔ(f): f>50k Swp Center 1.850 00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Span 10 MHz Copyright 2000-2006 Agilent Technologies R T Freq/Channel Center Freq 1.85000000 GHz Start Freq 1.84500000 GHz Stop Freq 1.85500000 GHz CF Step 1.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				
Higher Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 1.910 00 GHz -25.547 dBm #Avg Log 10 dB/ Offst 4.3 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA Ⓔ(f): f>50k Swp Center 1.910 00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Span 10 MHz Copyright 2000-2006 Agilent Technologies R L Freq/Channel Center Freq 1.91000000 GHz Start Freq 1.90500000 GHz Stop Freq 1.91500000 GHz CF Step 1.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				

Frequency	LTE Band 2	Channel Bandwidth	10 MHz	RB Allocated	50
Lower Band Edge	Agilent R T Ref 20 dBm Atten 30 dB Mkr1 1.850 00 GHz -26.703 dBm #Avg Log 10 dB/ Offst 4.3 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA £(f): FTun Swp Center 1.850 00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 6.08 ms (601 pts) Span 20 MHz Copyright 2000-2006 Agilent Technologies Freq/Channel Center Freq 1.85000000 GHz Start Freq 1.84000000 GHz Stop Freq 1.86000000 GHz CF Step 2.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				
Higher Band Edge	Agilent R T Ref 20 dBm Atten 30 dB Mkr1 1.910 00 GHz -32.575 dBm #Avg Log 10 dB/ Offst 4.3 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA £(f): FTun Swp Center 1.910 00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 6.08 ms (601 pts) Span 20 MHz Copyright 2000-2006 Agilent Technologies Freq/Channel Center Freq 1.91000000 GHz Start Freq 1.90000000 GHz Stop Freq 1.92000000 GHz CF Step 2.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				

Frequency	LTE Band 2	Channel Bandwidth	15 MHz	RB Allocated	75
Lower Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 1.850 00 GHz -30.991 dBm #Avg Log 10 dB/ Offst 4.3 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA £(f): FTun Swp Center 1.850 00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 9.08 ms (601 pts) Span 30 MHz Copyright 2000-2006 Agilent Technologies Freq/Channel Center Freq 1.85000000 GHz Start Freq 1.83500000 GHz Stop Freq 1.86500000 GHz CF Step 3.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				
Higher Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 1.910 00 GHz -32.929 dBm #Avg Log 10 dB/ Offst 4.3 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA £(f): FTun Swp Center 1.910 00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 9.08 ms (601 pts) Span 30 MHz Copyright 2000-2006 Agilent Technologies Freq/Channel Center Freq 1.91000000 GHz Start Freq 1.89500000 GHz Stop Freq 1.92500000 GHz CF Step 3.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				

Frequency	LTE Band 2	Channel Bandwidth	20 MHz	RB Allocated	100
Lower Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 1.850 00 GHz -35.433 dBm #Avg Log 10 dB/ Offst 4.3 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA £(f): FTun Swp Center 1.850 00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 12.12 ms (601 pts) Span 40 MHz Copyright 2000-2006 Agilent Technologies R T Freq/Channel Center Freq 1.85000000 GHz Start Freq 1.83000000 GHz Stop Freq 1.87000000 GHz CF Step 4.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				
Higher Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 1.910 00 GHz -34.456 dBm #Avg Log 10 dB/ Offst 4.3 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA £(f): FTun Swp Center 1.910 00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 12.12 ms (601 pts) Span 40 MHz Copyright 2000-2006 Agilent Technologies R T Freq/Channel Center Freq 1.91000000 GHz Start Freq 1.89000000 GHz Stop Freq 1.93000000 GHz CF Step 4.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				

Frequency	LTE Band 4	Channel Bandwidth	1.4 MHz	RB Allocated	6
Lower Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 1.710 00 GHz -22.787 dBm #Avg Log 10 dB/ Offst 4.3 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA Ⓔ(f): f>50k Swp Center 1.710 00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Span 10 MHz Copyright 2000-2006 Agilent Technologies Freq/Channel Center Freq 1.71000000 GHz Start Freq 1.70500000 GHz Stop Freq 1.71500000 GHz CF Step 1.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				
Higher Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 1.755 00 GHz -21.192 dBm #Avg Log 10 dB/ Offst 4.3 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA Ⓔ(f): f>50k Swp Center 1.755 00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Span 10 MHz Copyright 2000-2006 Agilent Technologies Freq/Channel Center Freq 1.75500000 GHz Start Freq 1.75000000 GHz Stop Freq 1.76000000 GHz CF Step 1.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				

Frequency	LTE Band 4	Channel Bandwidth	3 MHz	RB Allocated	15
Lower Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 1.710 00 GHz -21.807 dBm #Avg Log 10 dB/ Offst 4.3 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA Ⓔ(f): f>50k Swp Center 1.710 00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Span 10 MHz Copyright 2000-2006 Agilent Technologies Freq/Channel Center Freq 1.71000000 GHz Start Freq 1.70500000 GHz Stop Freq 1.71500000 GHz CF Step 1.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				
Higher Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 1.755 00 GHz -20.937 dBm #Avg Log 10 dB/ Offst 4.3 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA Ⓔ(f): f>50k Swp Center 1.755 00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Span 10 MHz Copyright 2000-2006 Agilent Technologies Freq/Channel Center Freq 1.75500000 GHz Start Freq 1.75000000 GHz Stop Freq 1.76000000 GHz CF Step 1.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				

Frequency	LTE Band 4	Channel Bandwidth	5 MHz	RB Allocated	25
Lower Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 1.710 00 GHz -28.052 dBm #Avg Log 10 dB/ Offst 4.3 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA Ⓔ(f): f>50k Swp Center 1.710 00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Span 10 MHz Copyright 2000-2006 Agilent Technologies Freq/Channel Center Freq 1.71000000 GHz Start Freq 1.70500000 GHz Stop Freq 1.71500000 GHz CF Step 1.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				
Higher Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 1.755 00 GHz -27.234 dBm #Avg Log 10 dB/ Offst 4.3 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA Ⓔ(f): f>50k Swp Center 1.755 00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Span 10 MHz Copyright 2000-2006 Agilent Technologies Freq/Channel Center Freq 1.75500000 GHz Start Freq 1.75000000 GHz Stop Freq 1.76000000 GHz CF Step 1.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				

Frequency	LTE Band 4	Channel Bandwidth	10 MHz	RB Allocated	50
Lower Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 1.710 00 GHz -32.498 dBm #Avg Log 10 dB/ Offst 4.3 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA £(f): FTun Swp Center 1.710 00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 6.08 ms (601 pts) Span 20 MHz Copyright 2000-2006 Agilent Technologies Freq/Channel Center Freq 1.71000000 GHz Start Freq 1.70000000 GHz Stop Freq 1.72000000 GHz CF Step 2.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				
Higher Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 1.755 00 GHz -32.316 dBm #Avg Log 10 dB/ Offst 4.3 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA £(f): FTun Swp Center 1.755 00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 6.08 ms (601 pts) Span 20 MHz Copyright 2000-2006 Agilent Technologies Freq/Channel Center Freq 1.75500000 GHz Start Freq 1.74500000 GHz Stop Freq 1.76500000 GHz CF Step 2.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				

Frequency	LTE Band 5	Channel Bandwidth	15 MHz	RB Allocated	75
Lower Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 1.710 00 GHz -33.443 dBm #Avg Log 10 dB/ Offst 4.3 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA £(f): FTun Swp Center 1.710 00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 9.08 ms (601 pts) Span 30 MHz Copyright 2000-2006 Agilent Technologies Freq/Channel Center Freq 1.71000000 GHz Start Freq 1.69500000 GHz Stop Freq 1.72500000 GHz CF Step 3.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				
Higher Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 1.755 00 GHz -33.821 dBm #Avg Log 10 dB/ Offst 4.3 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA £(f): FTun Swp Center 1.755 00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 9.08 ms (601 pts) Span 30 MHz Copyright 2000-2006 Agilent Technologies Freq/Channel Center Freq 1.75500000 GHz Start Freq 1.74000000 GHz Stop Freq 1.77000000 GHz CF Step 3.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				

Frequency	LTE Band 4	Channel Bandwidth	20 MHz	RB Allocated	100
Lower Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 1.710 00 GHz -36.034 dBm #Avg Log 10 dB/ Offst 4.3 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA £(f): FTun Swp Center 1.710 00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 12.12 ms (601 pts) Span 40 MHz Copyright 2000-2006 Agilent Technologies R T Freq/Channel Center Freq 1.71000000 GHz Start Freq 1.69000000 GHz Stop Freq 1.73000000 GHz CF Step 4.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				
Higher Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 1.755 00 GHz -34.639 dBm #Avg Log 10 dB/ Offst 4.3 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA £(f): FTun Swp Center 1.755 00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 12.12 ms (601 pts) Span 40 MHz Copyright 2000-2006 Agilent Technologies R T Freq/Channel Center Freq 1.75500000 GHz Start Freq 1.73500000 GHz Stop Freq 1.77500000 GHz CF Step 4.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				

Frequency	LTE Band 5	Channel Bandwidth	1.4 MHz	RB Allocated	6
Lower Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 824.00 MHz -24.928 dBm #Avg Log 10 dB/ Offst 3.9 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA Ⓔ(f): f>50k Swp Center 824.00 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Span 10 MHz Copyright 2000-2006 Agilent Technologies R T Freq/Channel Center Freq 824.000000 MHz Start Freq 819.000000 MHz Stop Freq 829.000000 MHz CF Step 1.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				
Higher Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 849.00 MHz -25.798 dBm #Avg Log 10 dB/ Offst 3.9 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA Ⓔ(f): f>50k Swp Center 849.00 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Span 10 MHz Copyright 2000-2006 Agilent Technologies R T Freq/Channel Center Freq 849.000000 MHz Start Freq 844.000000 MHz Stop Freq 854.000000 MHz CF Step 1.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				

Frequency	LTE Band 5	Channel Bandwidth	3 MHz	RB Allocated	15
Lower Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 824.00 MHz -23.171 dBm #Avg Log 10 dB/ Offst 3.9 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA Ⓔ(f): f>50k Swp Center 824.00 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Span 10 MHz Copyright 2000-2006 Agilent Technologies R T Freq/Channel Center Freq 824.000000 MHz Start Freq 819.000000 MHz Stop Freq 829.000000 MHz CF Step 1.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				
Higher Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 849.00 MHz -21.025 dBm #Avg Log 10 dB/ Offst 3.9 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA Ⓔ(f): f>50k Swp Center 849.00 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Span 10 MHz Copyright 2000-2006 Agilent Technologies R T Freq/Channel Center Freq 849.000000 MHz Start Freq 844.000000 MHz Stop Freq 854.000000 MHz CF Step 1.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				

Frequency	LTE Band 5	Channel Bandwidth	5 MHz	RB Allocated	25
Lower Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 824.00 MHz -27.662 dBm #Avg Log 10 dB/ Offst 3.9 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA Ⓔ(f): f>50k Swp Center 824.00 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Span 10 MHz Copyright 2000-2006 Agilent Technologies Freq/Channel Center Freq 824.000000 MHz Start Freq 819.000000 MHz Stop Freq 829.000000 MHz CF Step 1.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				
Higher Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 849.00 MHz -31.678 dBm #Avg Log 10 dB/ Offst 3.9 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA Ⓔ(f): f>50k Swp Center 849.00 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Span 10 MHz Copyright 2000-2006 Agilent Technologies Freq/Channel Center Freq 849.000000 MHz Start Freq 844.000000 MHz Stop Freq 854.000000 MHz CF Step 1.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				

Frequency	LTE Band 5	Channel Bandwidth	10 MHz	RB Allocated	50
Lower Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 824.00 MHz -32.000 dBm #Avg Log 10 dB/ Offst 3.9 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA £(f): FTun Swp Center 824.00 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 6.08 ms (601 pts) Span 20 MHz Copyright 2000-2006 Agilent Technologies Freq/Channel Center Freq 824.000000 MHz Start Freq 814.000000 MHz Stop Freq 834.000000 MHz CF Step 2.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				
Higher Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 849.00 MHz -38.184 dBm #Avg Log 10 dB/ Offst 3.9 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA £(f): FTun Swp Center 849.00 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 6.08 ms (601 pts) Span 20 MHz Copyright 2000-2006 Agilent Technologies Freq/Channel Center Freq 849.000000 MHz Start Freq 839.000000 MHz Stop Freq 859.000000 MHz CF Step 2.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				

Frequency	LTE Band 12	Channel Bandwidth	1.4 MHz	RB Allocated	6
Lower Band Edge	Agilent R T Freq/Channel Mkr1 699.00 MHz -21.265 dBm Center Freq 699.000000 MHz Ref 20 dBm Atten 30 dB Start Freq 694.000000 MHz #Avg Log 10 dB/ Offst 3.9 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA Stop Freq 704.000000 MHz CF Step 1.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off Center 699.00 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Span 10 MHz Copyright 2000-2006 Agilent Technologies				
Higher Band Edge	Agilent R T Freq/Channel Mkr1 716.00 MHz -20.503 dBm Center Freq 716.000000 MHz Ref 20 dBm Atten 30 dB Start Freq 711.000000 MHz #Avg Log 10 dB/ Offst 3.9 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA Stop Freq 721.000000 MHz CF Step 1.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off Center 716.00 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Span 10 MHz Copyright 2000-2006 Agilent Technologies				

Frequency	LTE Band 12	Channel Bandwidth	3 MHz	RB Allocated	15
Lower Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 699.00 MHz -21.267 dBm #Avg Log 10 dB/ Offst 3.9 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA Ⓔ(f): f>50k Swp Center 699.00 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Span 10 MHz Copyright 2000-2006 Agilent Technologies Freq/Channel Center Freq 699.000000 MHz Start Freq 694.000000 MHz Stop Freq 704.000000 MHz CF Step 1.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				
Higher Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 716.00 MHz -20.058 dBm #Avg Log 10 dB/ Offst 3.9 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA Ⓔ(f): f>50k Swp Center 716.00 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Span 10 MHz Copyright 2000-2006 Agilent Technologies Freq/Channel Center Freq 716.000000 MHz Start Freq 711.000000 MHz Stop Freq 721.000000 MHz CF Step 1.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				

Frequency	LTE Band 12	Channel Bandwidth	5 MHz	RB Allocated	25
Lower Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 699.00 MHz -26.072 dBm #Avg Log 10 dB/ Offst 3.9 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA Ⓔ(f): f>50k Swp Center 699.00 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Span 10 MHz Copyright 2000-2006 Agilent Technologies Freq/Channel Center Freq 699.000000 MHz Start Freq 694.000000 MHz Stop Freq 704.000000 MHz CF Step 1.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				
Higher Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 716.00 MHz -29.193 dBm #Avg Log 10 dB/ Offst 3.9 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA Ⓔ(f): f>50k Swp Center 716.00 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Span 10 MHz Copyright 2000-2006 Agilent Technologies Freq/Channel Center Freq 716.000000 MHz Start Freq 711.000000 MHz Stop Freq 721.000000 MHz CF Step 1.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				

Frequency	LTE Band 12	Channel Bandwidth	10 MHz	RB Allocated	50
Lower Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 699.00 MHz -32.022 dBm #Avg Log 10 dB/ Offst 3.9 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA £(f): FTun Swp Center 699.00 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 6.08 ms (601 pts) Span 20 MHz Copyright 2000-2006 Agilent Technologies R T Freq/Channel Center Freq 699.000000 MHz Start Freq 689.000000 MHz Stop Freq 709.000000 MHz CF Step 2.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				
Higher Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 716.00 MHz -36.553 dBm #Avg Log 10 dB/ Offst 3.9 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA £(f): FTun Swp Center 716.00 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 6.08 ms (601 pts) Span 20 MHz Copyright 2000-2006 Agilent Technologies R T Freq/Channel Center Freq 716.000000 MHz Start Freq 706.000000 MHz Stop Freq 726.000000 MHz CF Step 2.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				

Frequency	LTE Band 25	Channel Bandwidth	1.4 MHz	RB Allocated	6
Lower Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 1.850 00 GHz -17.035 dBm #Avg Log 10 dB/ Offst 4.3 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA Ⓔ(f): f>50k Swp Center 1.850 00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Span 10 MHz Copyright 2000-2006 Agilent Technologies Freq/Channel Center Freq 1.85000000 GHz Start Freq 1.84500000 GHz Stop Freq 1.85500000 GHz CF Step 1.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				
Higher Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 1.915 00 GHz -15.272 dBm #Avg Log 10 dB/ Offst 4.3 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA Ⓔ(f): f>50k Swp Center 1.915 00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Span 10 MHz Copyright 2000-2006 Agilent Technologies Freq/Channel Center Freq 1.91500000 GHz Start Freq 1.91000000 GHz Stop Freq 1.92000000 GHz CF Step 1.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				

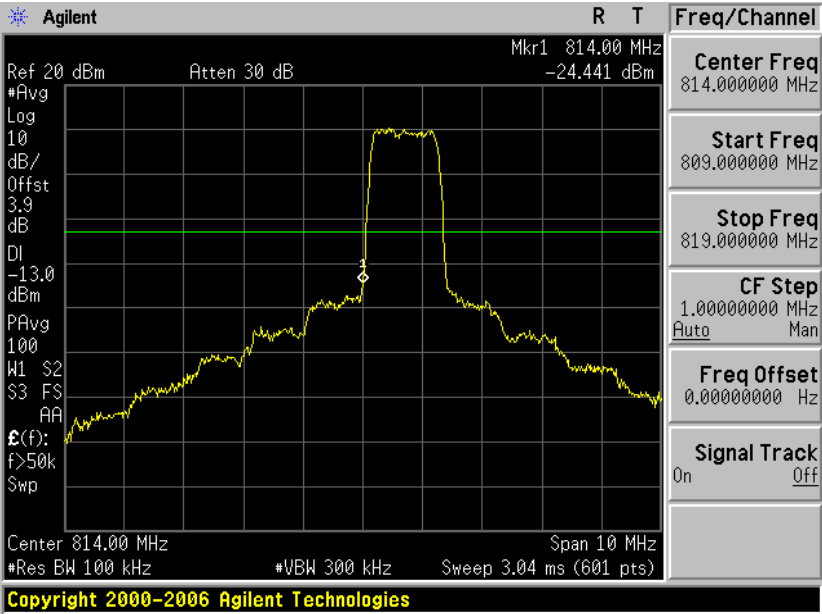
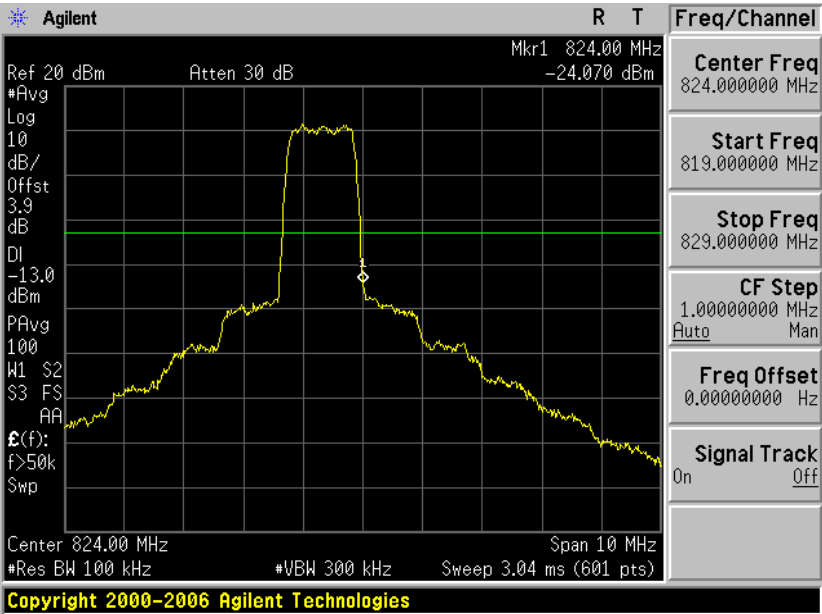
Frequency	LTE Band 25	Channel Bandwidth	3 MHz	RB Allocated	15
Lower Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 1.850 00 GHz -19.556 dBm #Avg Log 10 dB/ Offst 4.3 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA Ⓔ(f): f>50k Swp Center 1.850 00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Span 10 MHz Copyright 2000-2006 Agilent Technologies Freq/Channel Center Freq 1.85000000 GHz Start Freq 1.84500000 GHz Stop Freq 1.85500000 GHz CF Step 1.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				
Higher Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 1.915 00 GHz -17.917 dBm #Avg Log 10 dB/ Offst 4.3 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA Ⓔ(f): f>50k Swp Center 1.915 00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Span 10 MHz Copyright 2000-2006 Agilent Technologies Freq/Channel Center Freq 1.91500000 GHz Start Freq 1.91000000 GHz Stop Freq 1.92000000 GHz CF Step 1.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				

Frequency	LTE Band 25	Channel Bandwidth	5 MHz	RB Allocated	25
Lower Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 1.850 00 GHz -23.802 dBm #Avg Log 10 dB/ Offst 4.3 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA Ⓔ(f): f>50k Swp Center 1.850 00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Span 10 MHz Copyright 2000-2006 Agilent Technologies Freq/Channel Center Freq 1.85000000 GHz Start Freq 1.84500000 GHz Stop Freq 1.85500000 GHz CF Step 1.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				
Higher Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 1.915 00 GHz -25.976 dBm #Avg Log 10 dB/ Offst 4.3 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA Ⓔ(f): f>50k Swp Center 1.915 00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Span 10 MHz Copyright 2000-2006 Agilent Technologies Freq/Channel Center Freq 1.91500000 GHz Start Freq 1.91000000 GHz Stop Freq 1.92000000 GHz CF Step 1.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				

Frequency	LTE Band 25	Channel Bandwidth	10 MHz	RB Allocated	50
Lower Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 1.850 00 GHz -29.360 dBm #Avg Log 10 dB/ Offst 4.3 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA £(f): FTun Swp Center 1.850 00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 6.08 ms (601 pts) Span 20 MHz Copyright 2000-2006 Agilent Technologies Freq/Channel Center Freq 1.85000000 GHz Start Freq 1.84000000 GHz Stop Freq 1.86000000 GHz CF Step 2.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				
Higher Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 1.915 00 GHz -30.651 dBm #Avg Log 10 dB/ Offst 4.3 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA £(f): FTun Swp Center 1.915 00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 6.08 ms (601 pts) Span 20 MHz Copyright 2000-2006 Agilent Technologies Freq/Channel Center Freq 1.91500000 GHz Start Freq 1.90500000 GHz Stop Freq 1.92500000 GHz CF Step 2.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				

Frequency	LTE Band 25	Channel Bandwidth	15 MHz	RB Allocated	75
Lower Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 1.850 00 GHz -32.332 dBm #Avg Log 10 dB/ Offst 4.3 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA £(f): FTun Swp Center 1.850 00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 9.08 ms (601 pts) Span 30 MHz Copyright 2000-2006 Agilent Technologies Freq/Channel Center Freq 1.85000000 GHz Start Freq 1.83500000 GHz Stop Freq 1.86500000 GHz CF Step 3.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				
Higher Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 1.915 00 GHz -33.361 dBm #Avg Log 10 dB/ Offst 4.3 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA £(f): FTun Swp Center 1.915 00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 9.08 ms (601 pts) Span 30 MHz Copyright 2000-2006 Agilent Technologies Freq/Channel Center Freq 1.91500000 GHz Start Freq 1.90000000 GHz Stop Freq 1.93000000 GHz CF Step 3.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				

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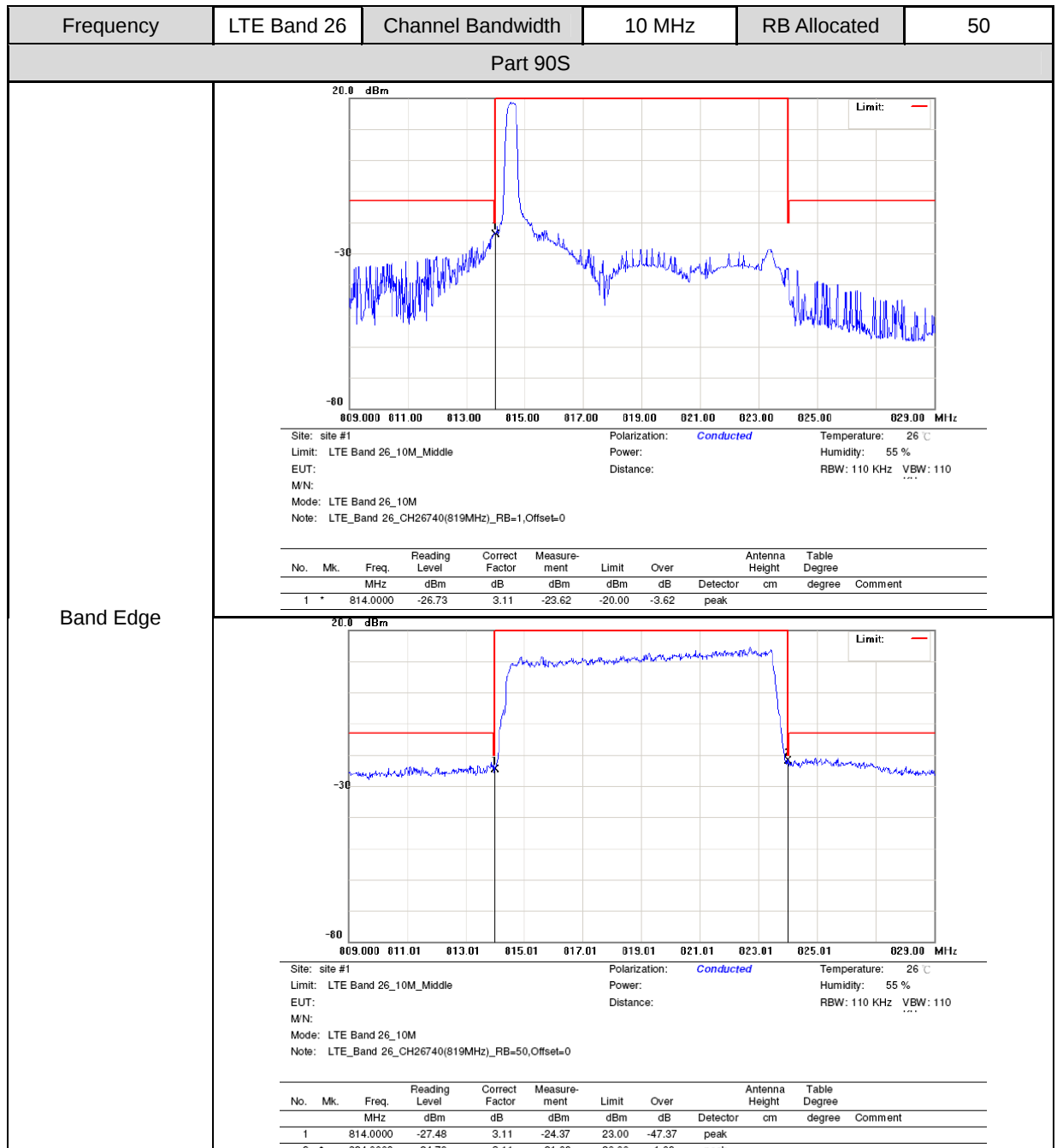
Frequency	LTE Band 26	Channel Bandwidth	1.4 MHz	RB Allocated	6
Part 90S					
Lower Band Edge					
Higher Band Edge					

Frequency	LTE Band 26	Channel Bandwidth	3 MHz	RB Allocated	15
Part 90S					
Middle Band Edge					

Frequency	LTE Band 26	Channel Bandwidth	3 MHz	RB Allocated	15
Part 90S					
Lower Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 814.00 MHz -22.298 dBm #Avg Log 10 dB/ Offst 3.9 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA £(f): f>50k Swp Center 814.00 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Span 10 MHz Copyright 2000-2006 Agilent Technologies Freq/Channel Center Freq 814.000000 MHz Start Freq 809.000000 MHz Stop Freq 819.000000 MHz CF Step 1.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				
Higher Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 824.00 MHz -22.465 dBm #Avg Log 10 dB/ Offst 3.9 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA £(f): f>50k Swp Center 824.00 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Span 10 MHz Copyright 2000-2006 Agilent Technologies Freq/Channel Center Freq 824.000000 MHz Start Freq 819.000000 MHz Stop Freq 829.000000 MHz CF Step 1.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				

Frequency	LTE Band 26	Channel Bandwidth	5 MHz	RB Allocated	25
Part 90S					
Midde Band Edge	<				

Frequency	LTE Band 26	Channel Bandwidth	5 MHz	RB Allocated	25
Part 90S					
Lower Band Edge	Agilent R T Freq/Channel Ref 20 dBm Atten 30 dB Mkr1 814.00 MHz -30.227 dBm #Avg Log 10 dB/ Offst 3.9 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA Ⓔ(f): f>50k Swp Center 814.00 MHz Span 10 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Copyright 2000-2006 Agilent Technologies Center Freq 814.000000 MHz Start Freq 809.000000 MHz Stop Freq 819.000000 MHz CF Step 1.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				
Higher Band Edge	Agilent R T Freq/Channel Ref 20 dBm Atten 30 dB Mkr1 824.00 MHz -28.498 dBm #Avg Log 10 dB/ Offst 3.9 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA Ⓔ(f): f>50k Swp Center 824.00 MHz Span 10 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Copyright 2000-2006 Agilent Technologies Center Freq 824.000000 MHz Start Freq 819.000000 MHz Stop Freq 829.000000 MHz CF Step 1.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				



Frequency	LTE Band 26	Channel Bandwidth	10 MHz	RB Allocated	50
Part 90S					
Band Edge					

Frequency	LTE Band 26	Channel Bandwidth	1.4 MHz	RB Allocated	6
Part 22H					
Lower Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 824.00 MHz -25.414 dBm #Avg Log 10 dB/ Offst 3.9 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA £(f): f>50k Swp Center 824.00 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Span 10 MHz Copyright 2000-2006 Agilent Technologies Freq/Channel Center Freq 824.000000 MHz Start Freq 819.000000 MHz Stop Freq 829.000000 MHz CF Step 1.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				
Higher Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 849.00 MHz -27.954 dBm #Avg Log 10 dB/ Offst 3.9 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA £(f): f>50k Swp Center 849.00 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Span 10 MHz Copyright 2000-2006 Agilent Technologies Freq/Channel Center Freq 849.000000 MHz Start Freq 844.000000 MHz Stop Freq 854.000000 MHz CF Step 1.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				

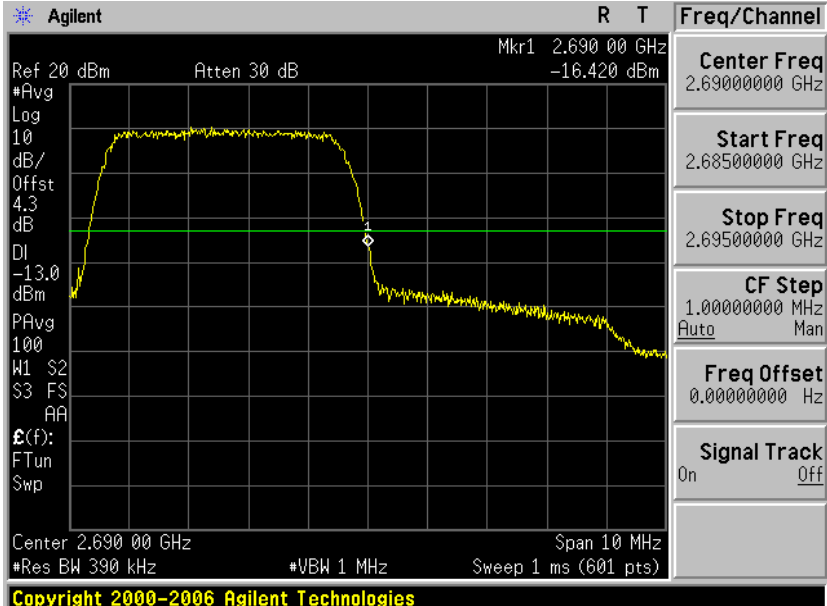
Frequency	LTE Band 26	Channel Bandwidth	3 MHz	RB Allocated	15
Part 22H					
Lower Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 824.00 MHz -19.084 dBm #Avg Log 10 dB/ Offst 3.9 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA £(f): f>50k Swp Center 824.00 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Span 10 MHz Copyright 2000-2006 Agilent Technologies Freq/Channel Center Freq 824.000000 MHz Start Freq 819.000000 MHz Stop Freq 829.000000 MHz CF Step 1.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				
Higher Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 849.00 MHz -23.291 dBm #Avg Log 10 dB/ Offst 3.9 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA £(f): f>50k Swp Center 849.00 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Span 10 MHz Copyright 2000-2006 Agilent Technologies Freq/Channel Center Freq 849.000000 MHz Start Freq 844.000000 MHz Stop Freq 854.000000 MHz CF Step 1.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				

Frequency	LTE Band 26	Channel Bandwidth	5 MHz	RB Allocated	25
Part 22H					
Lower Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 824.00 MHz -27.466 dBm #Avg Log 10 dB/ Offst 3.9 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA £(f): f>50k Swp Center 824.00 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Span 10 MHz Copyright 2000-2006 Agilent Technologies				
Higher Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 849.00 MHz -32.459 dBm #Avg Log 10 dB/ Offst 3.9 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA £(f): f>50k Swp Center 849.00 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Span 10 MHz Copyright 2000-2006 Agilent Technologies				

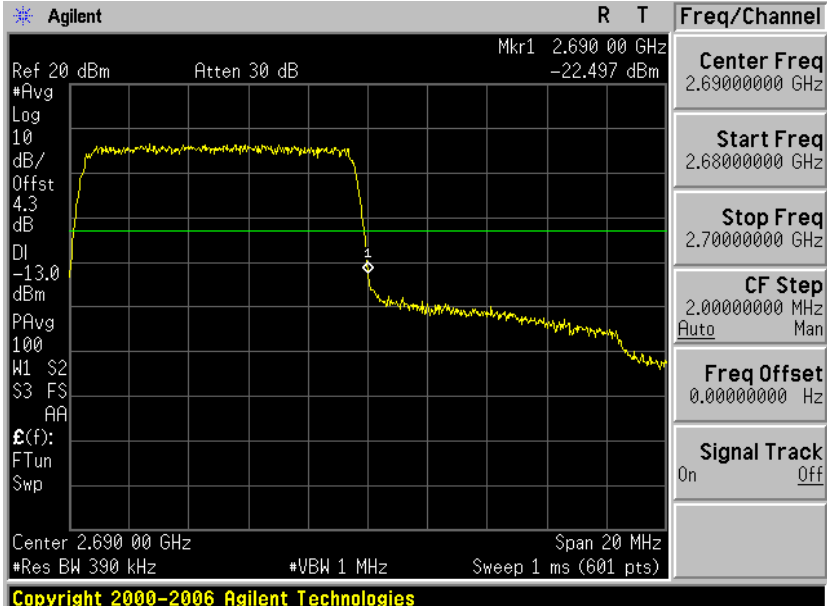
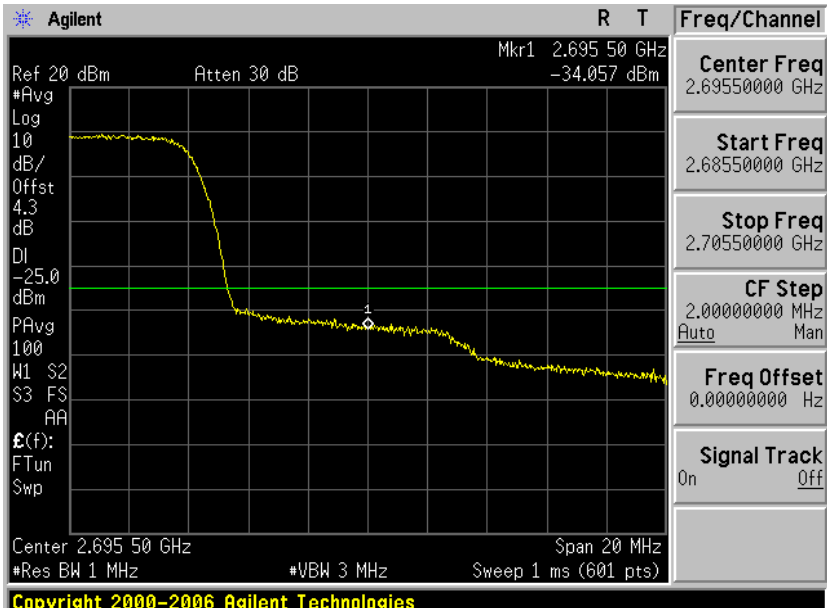
Frequency	LTE Band 26	Channel Bandwidth	10 MHz	RB Allocated	50
Part 22H					
Lower Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 824.00 MHz -32.236 dBm #Avg Log 10 dB/ Offst 3.9 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA Ⓔ(F): FTun Swp Center 824.00 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 6.08 ms (601 pts) Span 20 MHz Copyright 2000-2006 Agilent Technologies Freq/Channel Center Freq 824.000000 MHz Start Freq 814.000000 MHz Stop Freq 834.000000 MHz CF Step 2.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				
Higher Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 849.00 MHz -38.504 dBm #Avg Log 10 dB/ Offst 3.9 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA Ⓔ(F): FTun Swp Center 849.00 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 6.08 ms (601 pts) Span 20 MHz Copyright 2000-2006 Agilent Technologies Freq/Channel Center Freq 849.000000 MHz Start Freq 839.000000 MHz Stop Freq 859.000000 MHz CF Step 2.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				

Frequency	LTE Band 26	Channel Bandwidth	15 MHz	RB Allocated	75
Part 22H					
Lower Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 824.00 MHz -32.928 dBm #Avg Log 10 dB/ Offst 3.9 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA £(f): FTun Swp Center 824.00 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 9.08 ms (601 pts) Span 30 MHz Copyright 2000-2006 Agilent Technologies				
Higher Band Edge	Agilent Ref 20 dBm Atten 30 dB Mkr1 849.00 MHz -37.683 dBm #Avg Log 10 dB/ Offst 3.9 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA £(f): FTun Swp Center 849.00 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 9.08 ms (601 pts) Span 30 MHz Copyright 2000-2006 Agilent Technologies				

Frequency	LTE Band 41	Channel Bandwidth	5 MHz	RB Allocated	25
Lower Band Edge					

Frequency	LTE Band 41	Channel Bandwidth	5 MHz	RB Allocated	25
Higher Band Edge	 Agilent R T Freq/Channel Ref 20 dBm Atten 30 dB Mkr1 2.690 00 GHz -16.420 dBm #Avg Log 10 dB/ Offst 4.3 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AA £(f): FTun Swp Center 2.690 00 GHz Span 10 MHz #Res BW 390 kHz #VBW 1 MHz Sweep 1 ms (601 pts) Copyright 2000-2006 Agilent Technologies Center Freq 2.69000000 GHz Start Freq 2.68500000 GHz Stop Freq 2.69500000 GHz CF Step 1.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				
	 Agilent R T Freq/Channel Ref 20 dBm Atten 30 dB Mkr1 2.695 50 GHz -39.248 dBm #Avg Log 10 dB/ Offst 4.3 dB DI -25.0 dBm PAvg 100 W1 S2 S3 FS AA £(f): FTun Swp Center 2.695 50 GHz Span 20 MHz #Res BW 1 MHz #VBW 3 MHz Sweep 1 ms (601 pts) Copyright 2000-2006 Agilent Technologies Center Freq 2.69550000 GHz Start Freq 2.68550000 GHz Stop Freq 2.70550000 GHz CF Step 2.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off				

Frequency	LTE Band 41	Channel Bandwidth	10 MHz	RB Allocated	50
Lower Band Edge					

Frequency	LTE Band 41	Channel Bandwidth	10 MHz	RB Allocated	50
Higher Band Edge					
					

Frequency	LTE Band 41	Channel Bandwidth	15 MHz	RB Allocated	75
Lower Band Edge	Agilent R T Freq/Channel Ref 20 dBm Atten 30 dB Mkr1 2.496 00 GHz -23.325 dBm #Avg Log 10 dB/ Offst 4.3 dB DI -13.0 dBm PAVg 100 W1 S2 S3 FS AA Center 2.496 00 GHz Span 30 MHz #Res BW 390 kHz #VBW 1 MHz Sweep 1 ms (601 pts) Copyright 2000-2006 Agilent Technologies Center Freq: 2.49600000 GHz Start Freq: 2.48100000 GHz Stop Freq: 2.51100000 GHz CF Step: 3.00000000 MHz (Auto) Freq Offset: 0.00000000 Hz Signal Track: On (Off)				
	Agilent R T Freq/Channel Ref 20 dBm Atten 30 dB Mkr1 2.490 50 GHz -32.346 dBm #Avg Log 10 dB/ Offst 4.3 dB DI -25.0 dBm PAVg 100 W1 S2 S3 FS AA Center 2.490 50 GHz Span 20 MHz #Res BW 1 MHz #VBW 3 MHz Sweep 1 ms (601 pts) Copyright 2000-2006 Agilent Technologies Center Freq: 2.49050000 GHz Start Freq: 2.48050000 GHz Stop Freq: 2.50050000 GHz CF Step: 2.00000000 MHz (Auto) Freq Offset: 0.00000000 Hz Signal Track: On (Off)				

Frequency	LTE Band 41	Channel Bandwidth	15 MHz	RB Allocated	75
Higher Band Edge					

Frequency	LTE Band 41	Channel Bandwidth	20 MHz	RB Allocated	100
Lower Band Edge	Agilent R T Freq/Channel Mkr1 2.496 00 GHz -26.684 dBm Center Freq 2.49600000 GHz Start Freq 2.47600000 GHz Stop Freq 2.51600000 GHz CF Step 4.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off Center 2.496 00 GHz Span 40 MHz #Res BW 390 kHz #VBW 1 MHz Sweep 1 ms (601 pts) Copyright 2000-2006 Agilent Technologies				
	Agilent R T Freq/Channel Mkr1 2.490 50 GHz -33.989 dBm Center Freq 2.49050000 GHz Start Freq 2.48050000 GHz Stop Freq 2.50050000 GHz CF Step 2.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off Center 2.490 50 GHz Span 20 MHz #Res BW 1 MHz #VBW 3 MHz Sweep 1 ms (601 pts) Copyright 2000-2006 Agilent Technologies				

Frequency	LTE Band 41	Channel Bandwidth	20 MHz	RB Allocated	100
Higher Band Edge					

8 Conducted Spurious Emission Test

8.1. Limit

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least $43 + 10 \log_{10}(P)$ dB. The limit of emission equal to -13dBm

8.2. Test Instruments

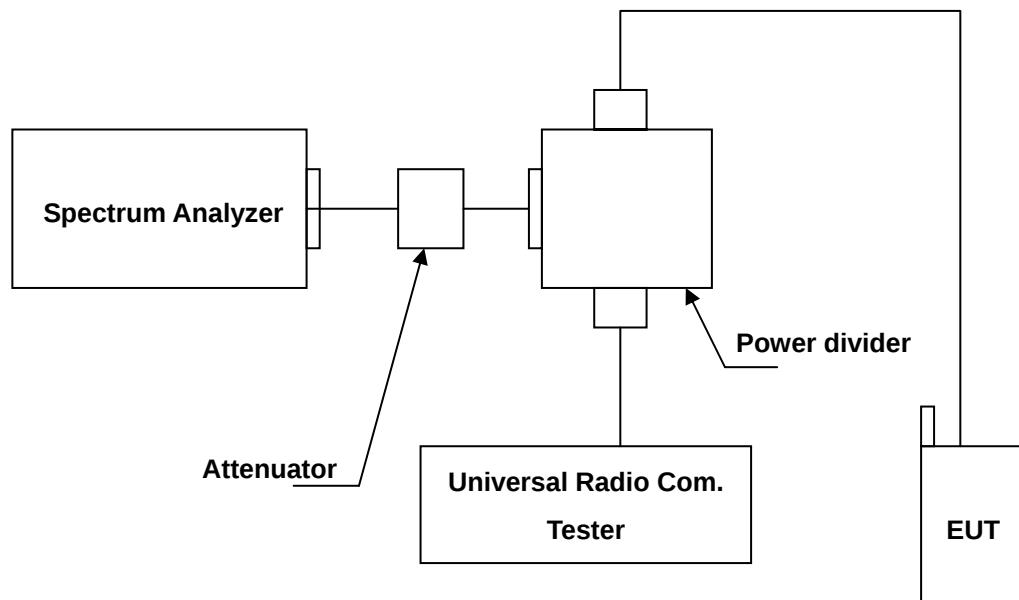
Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Remark
Spectrum Analyzer	Agilent	E4445A	MY46181986	05/14/2015	(1)
Wideband Radio Communication Test	R & S	CMW500	103168	11/05/2014	(1)
Attenuator	RADIALL	R41572000	0603033073	N.C.R.	-----
Power divider	Agilent	87302C	3239A00760	N.C.R.	-----
Test Site	ATL	TE02	TE02	N.C.R.	-----

Remark: ⁽¹⁾ Calibration period 1 year. ⁽²⁾ Calibration period 2 years.

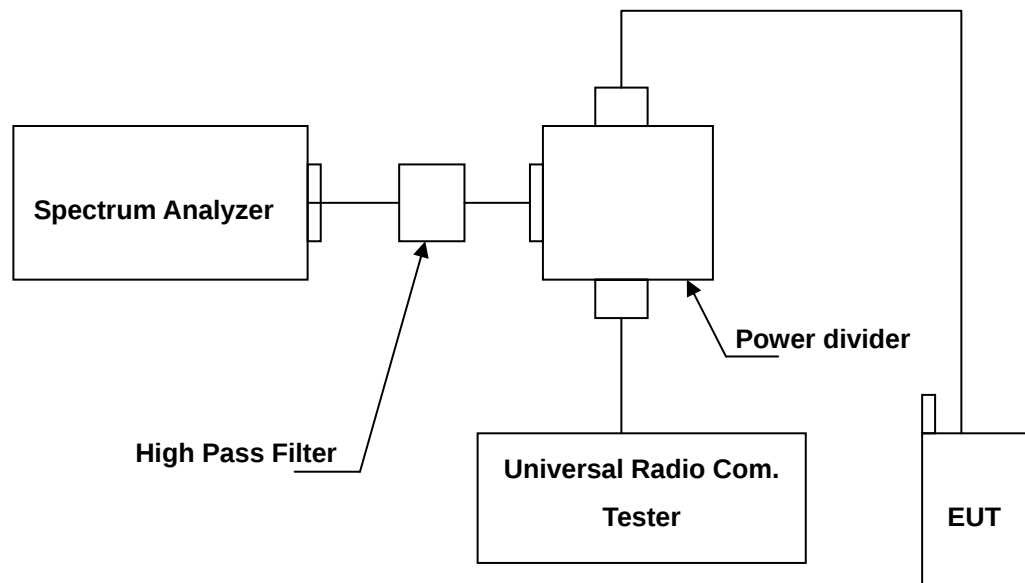
Note: N.C.R. = No Calibration Request.

8.3. Setup

Below 2.8GHz



Above 2.8GHz



8.4. Test Procedure

- The EUT was set up for the maximum peak power with LTE link data modulation. The power was measured with Spectrum Analyzer. All measurements were done at 3 channels (low, middle and high operational frequency range.).
- The conducted spurious emission used the power splitter via EUT RF power connector between simulation base station and spectrum analyzer.
- When the spectrum scanned from 10MHz to 2.5GHz / 3GHz (for LTE Band7 & 41), shall be connected to the band reject filter attenuated the carried frequency. The spectrum set RB=1MHz, VB=1MHz.
- When the spectrum scanned from 2.5GHz / 3GHz (for LTE Band7 & 41) to 10th harmonic, it shall be connected to the high pass filter attenuated the carried frequency. The spectrum set RB=1MHz, VB=1MHz.

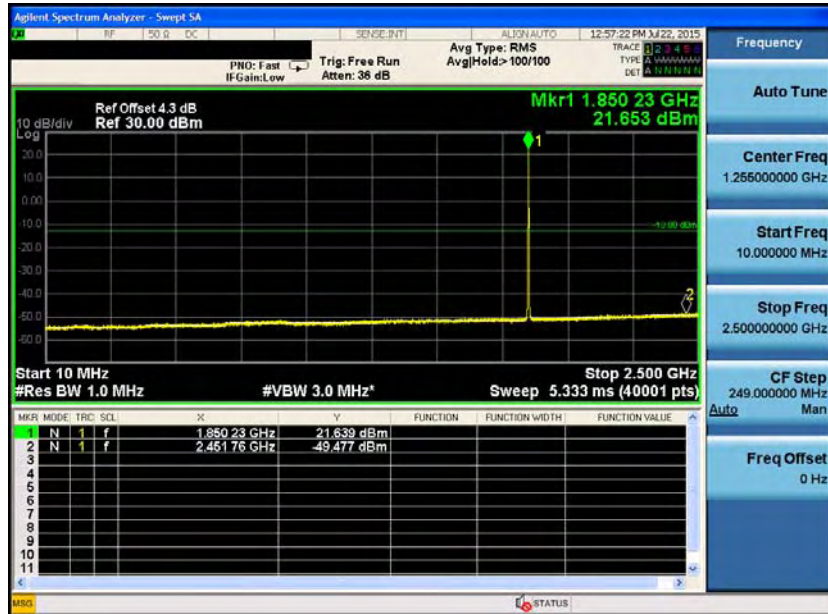
8.5. Uncertainty

The measurement uncertainty is evaluated as ± 2.24 dB.

8.6. Test Graphs

LTE Band 2 (Channel Bandwidth: 1.4 MHz) _ QPSK

1850.7 MHz



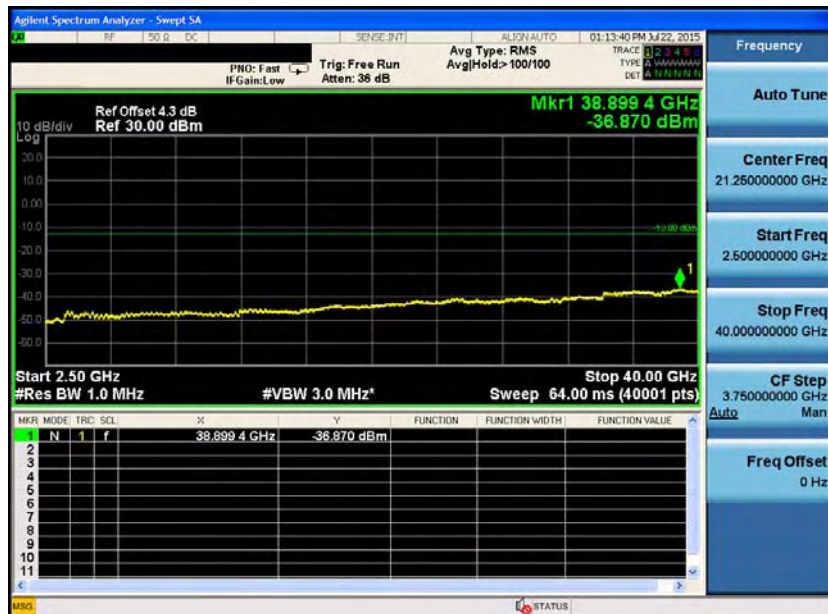
LTE Band 2 (Channel Bandwidth: 1.4 MHz) _ QPSK

1880.0 MHz



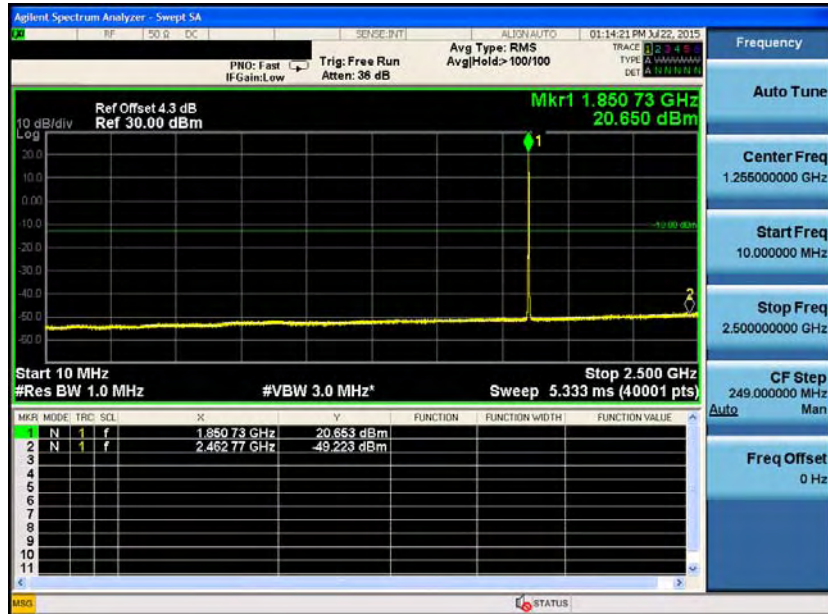
LTE Band 2 (Channel Bandwidth: 1.4 MHz) _ QPSK

1909.3 MHz



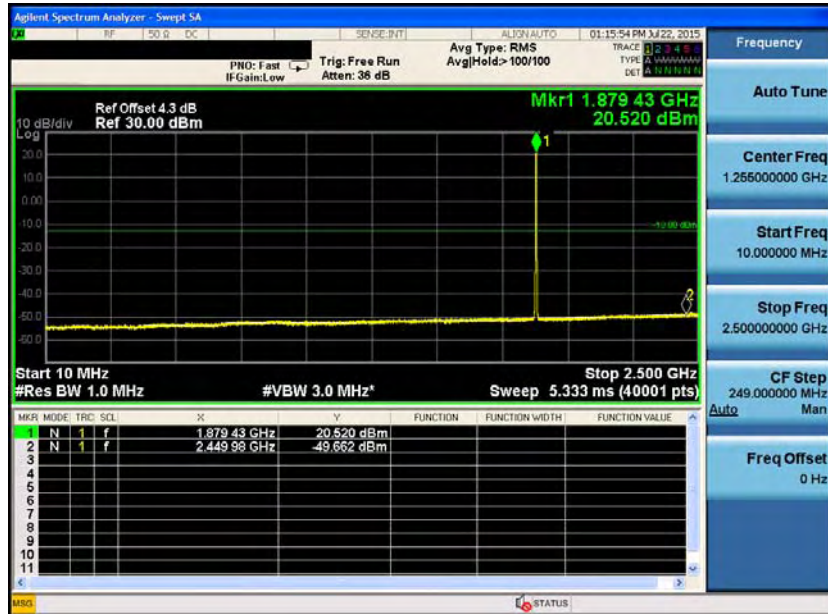
LTE Band 2 (Channel Bandwidth: 3 MHz) _ QPSK

1851.5 MHz



LTE Band 2 (Channel Bandwidth: 3 MHz) _ QPSK

1880.0 MHz



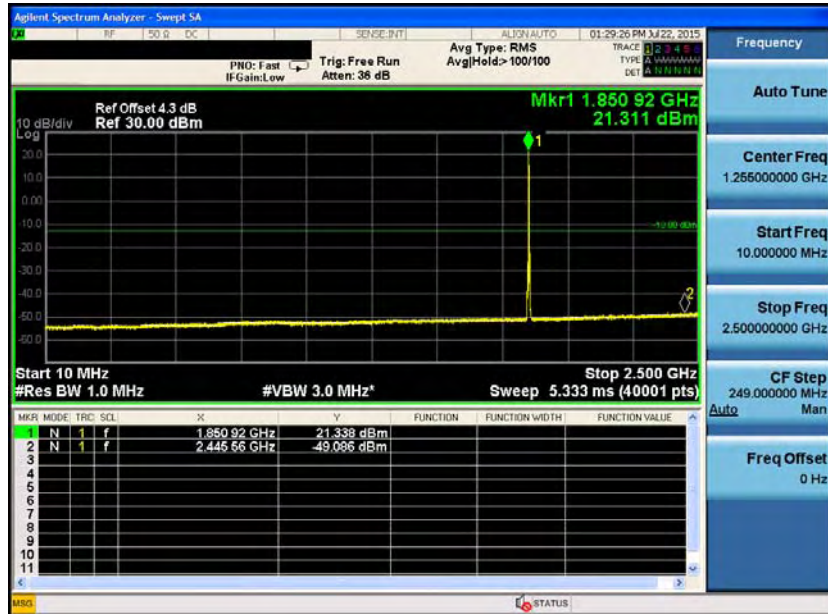
LTE Band 2 (Channel Bandwidth: 3 MHz) _ QPSK

1908.5 MHz



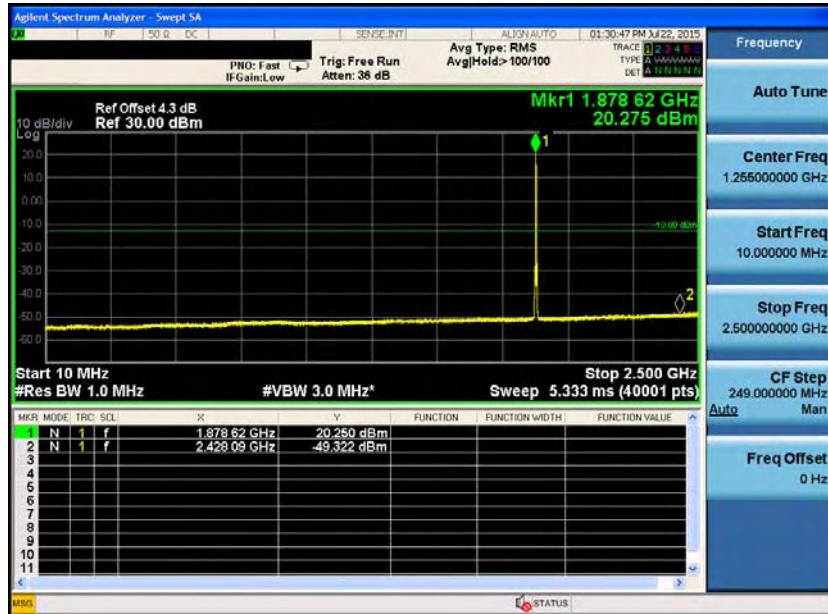
LTE Band 2 (Channel Bandwidth: 5 MHz) _ QPSK

1852.5 MHz



LTE Band 2 (Channel Bandwidth: 5 MHz) _ QPSK

1880.0 MHz



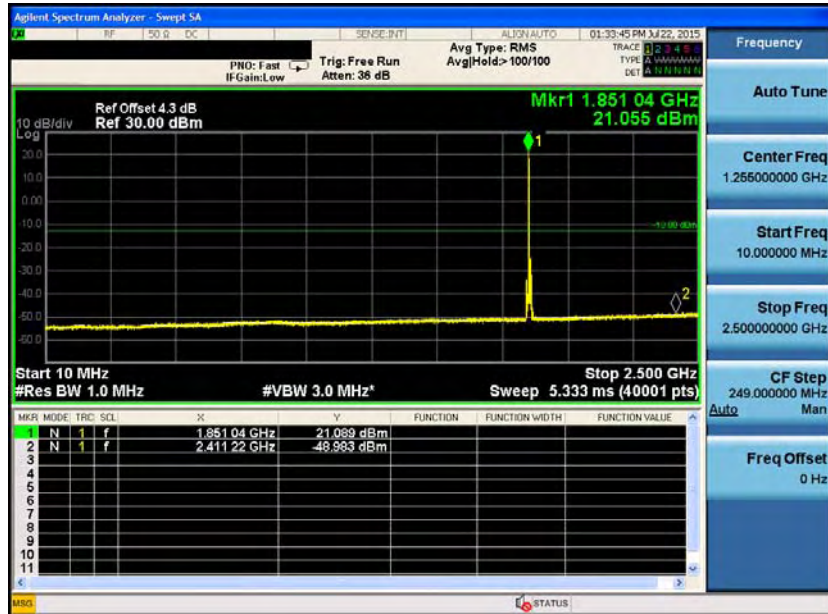
LTE Band 2 (Channel Bandwidth: 5 MHz) _ QPSK

1907.5 MHz



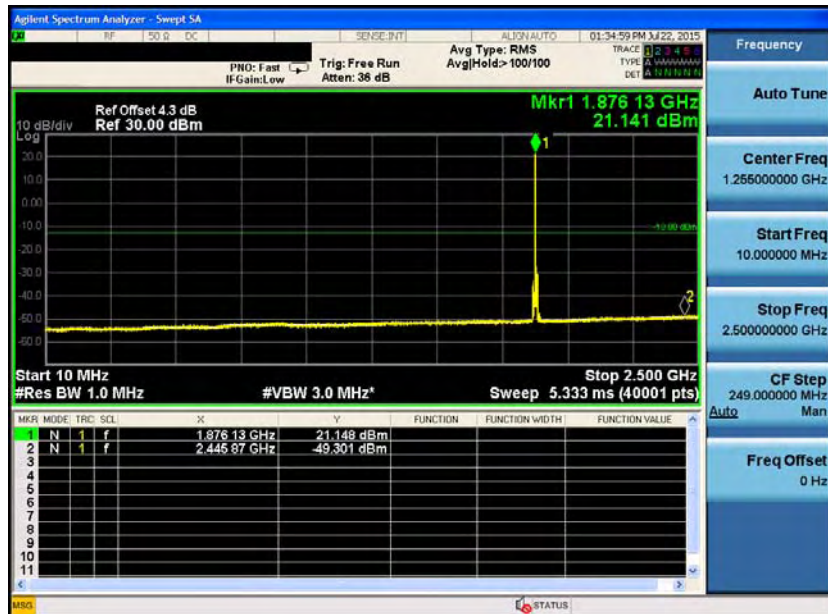
LTE Band 2 (Channel Bandwidth: 10 MHz) _ QPSK

1855.0 MHz



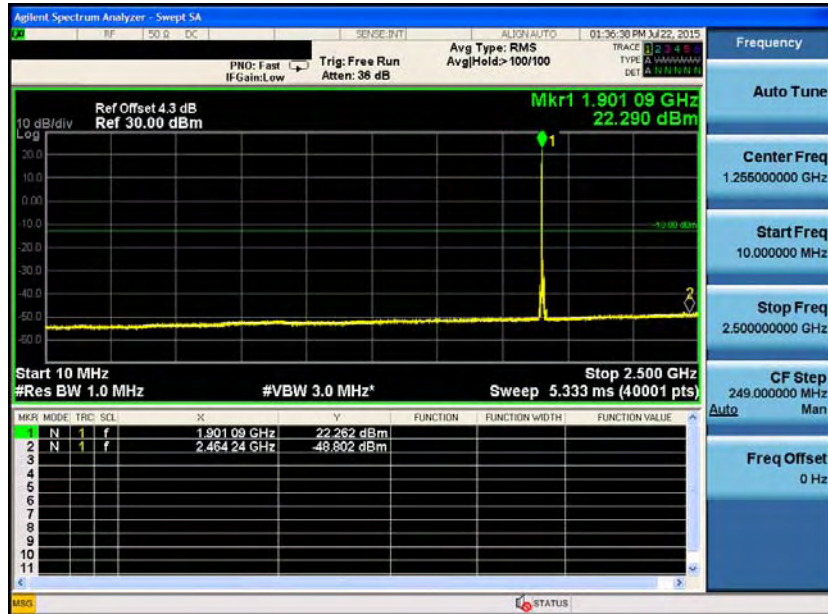
LTE Band 2 (Channel Bandwidth: 10 MHz) _ QPSK

1880.0 MHz



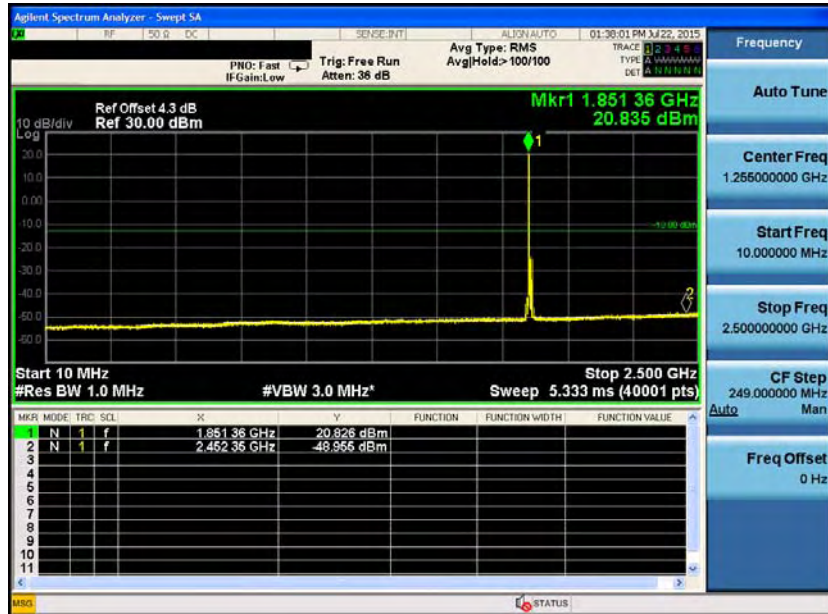
LTE Band 2 (Channel Bandwidth: 10 MHz) _ QPSK

1905.0 MHz



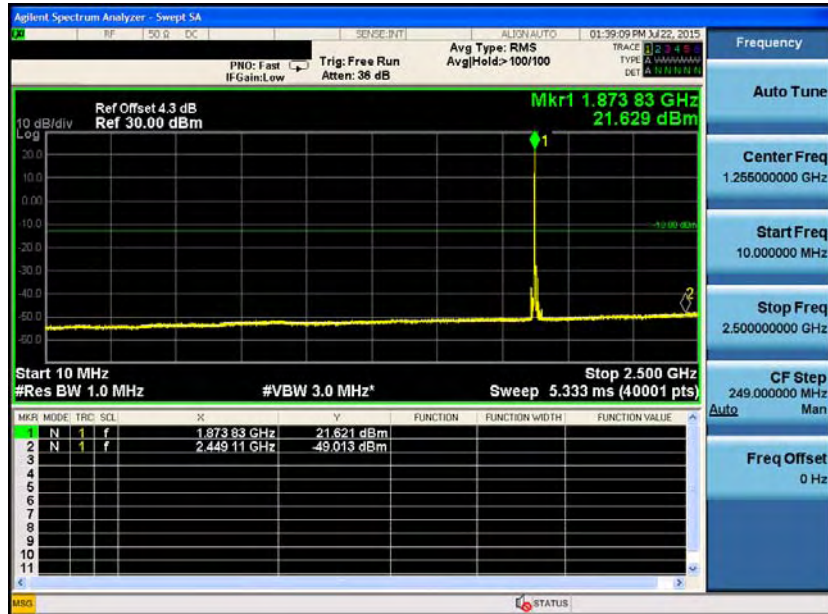
LTE Band 2 (Channel Bandwidth: 15 MHz) _ QPSK

1857.5 MHz



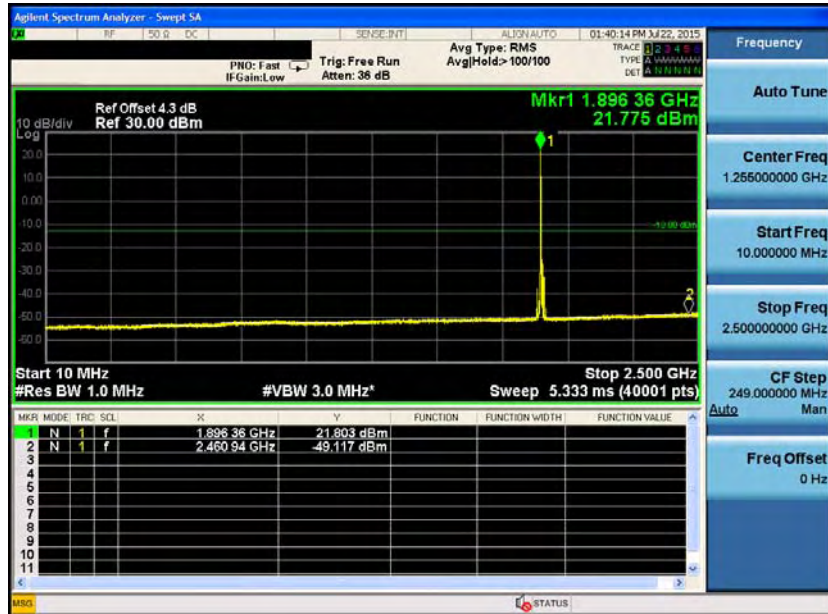
LTE Band 2 (Channel Bandwidth: 15 MHz) _ QPSK

1880.0 MHz



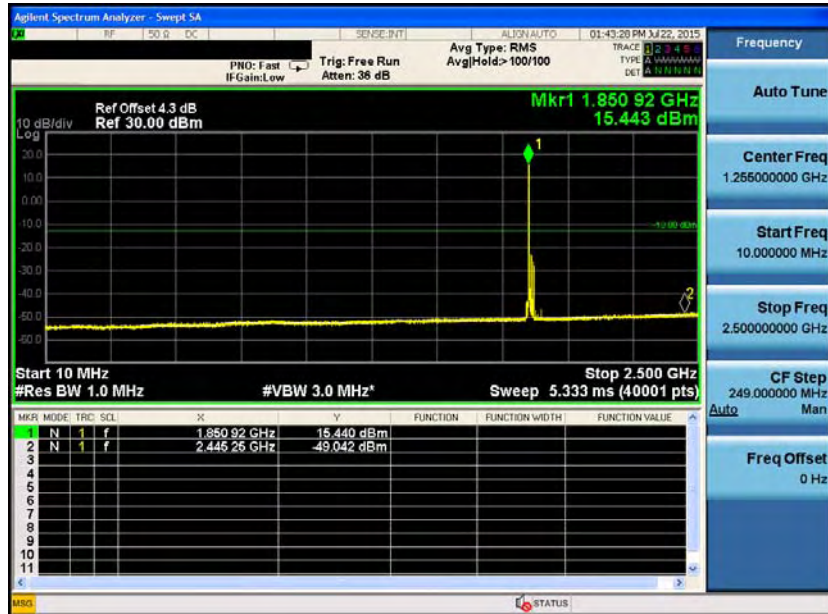
LTE Band 2 (Channel Bandwidth: 15 MHz) _ QPSK

1902.5 MHz



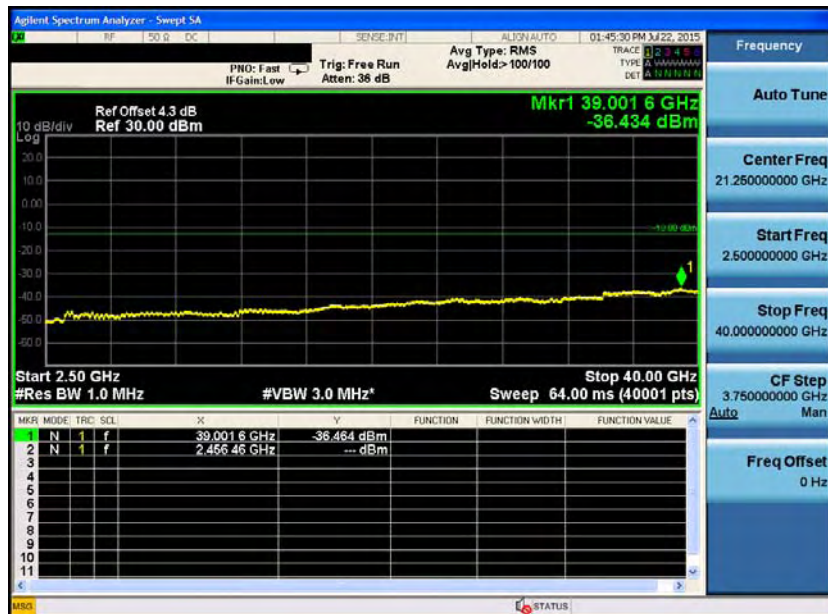
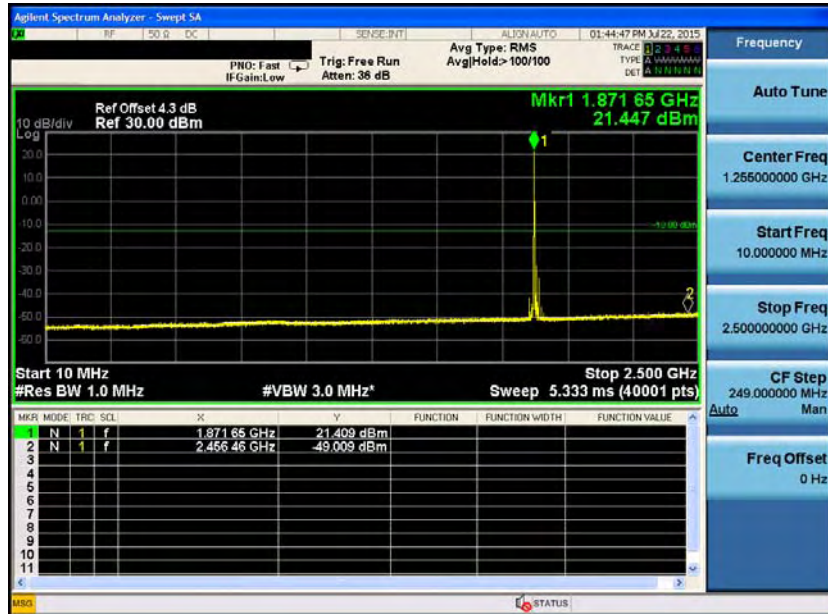
LTE Band 2 (Channel Bandwidth: 20 MHz) _ QPSK

1860.0 MHz



LTE Band 2 (Channel Bandwidth: 20 MHz) _ QPSK

1880.0 MHz



LTE Band 2 (Channel Bandwidth: 20 MHz) _ QPSK

1900.0 MHz

