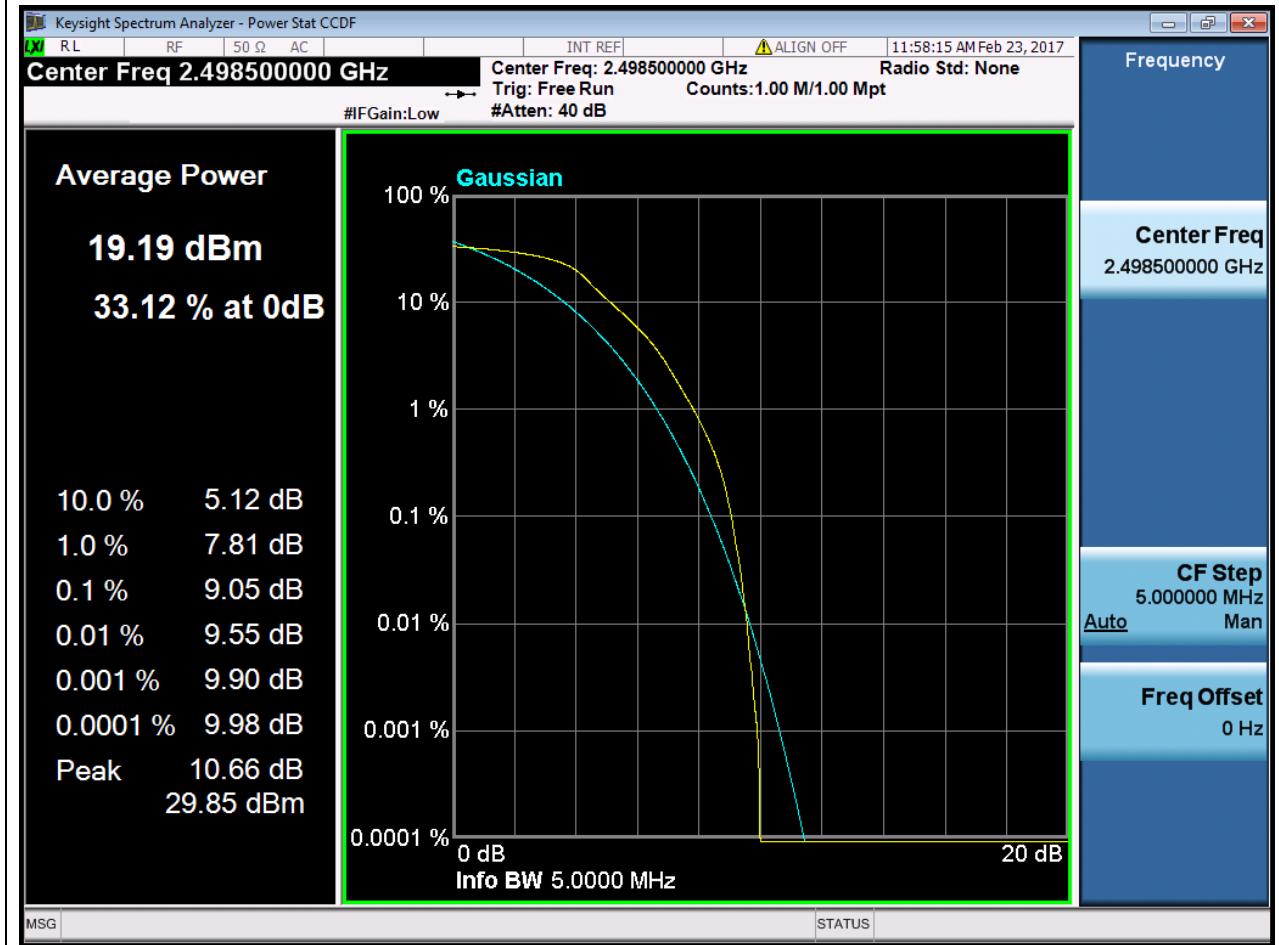


Annex B. LTE Peak to Average Ratio

1. LTE_Band41

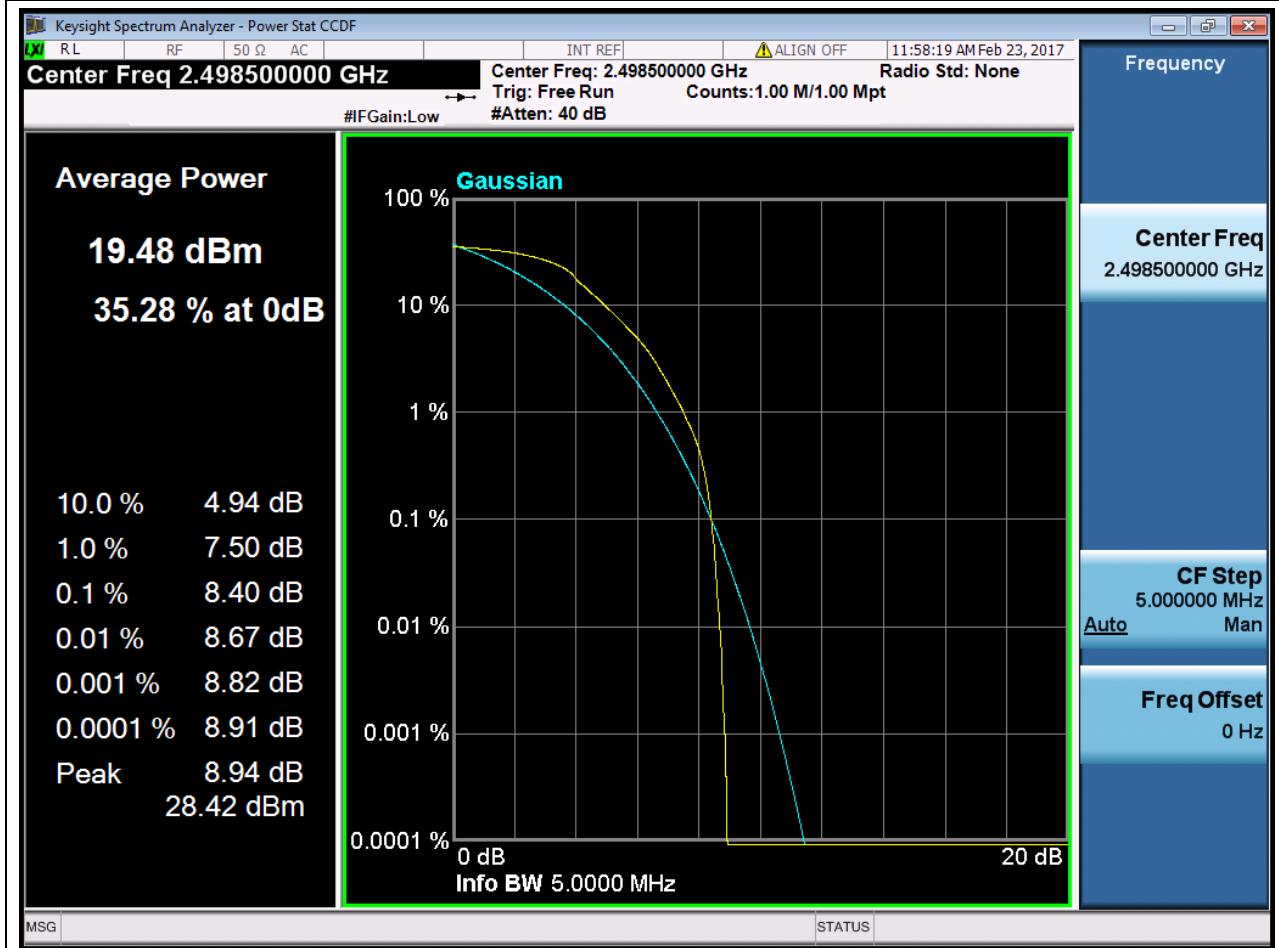
1.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:39675, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2498.5	0.1	9.05	13	Pass



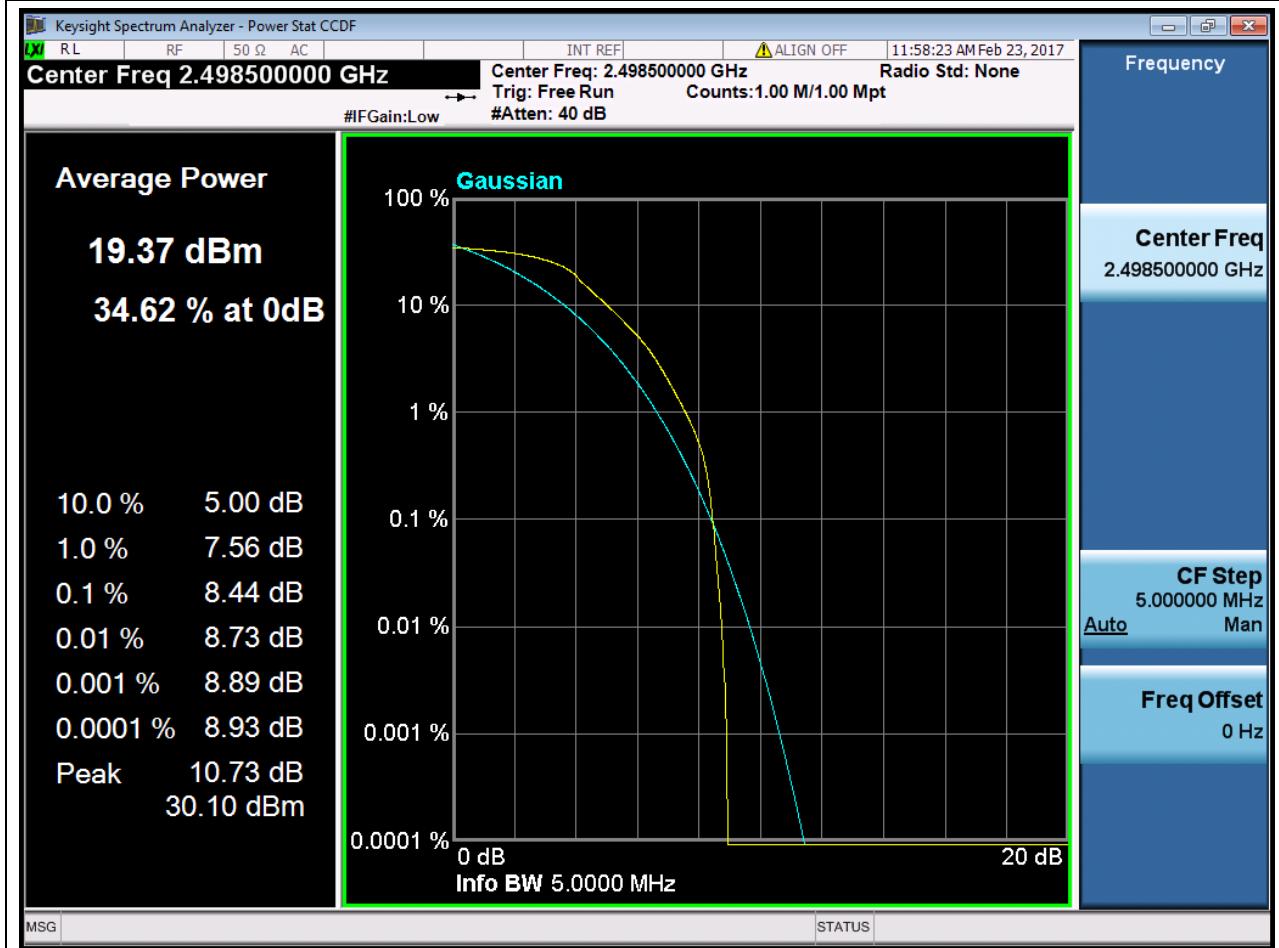
1.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:39675, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2498.5	0.1	8.4	13	Pass



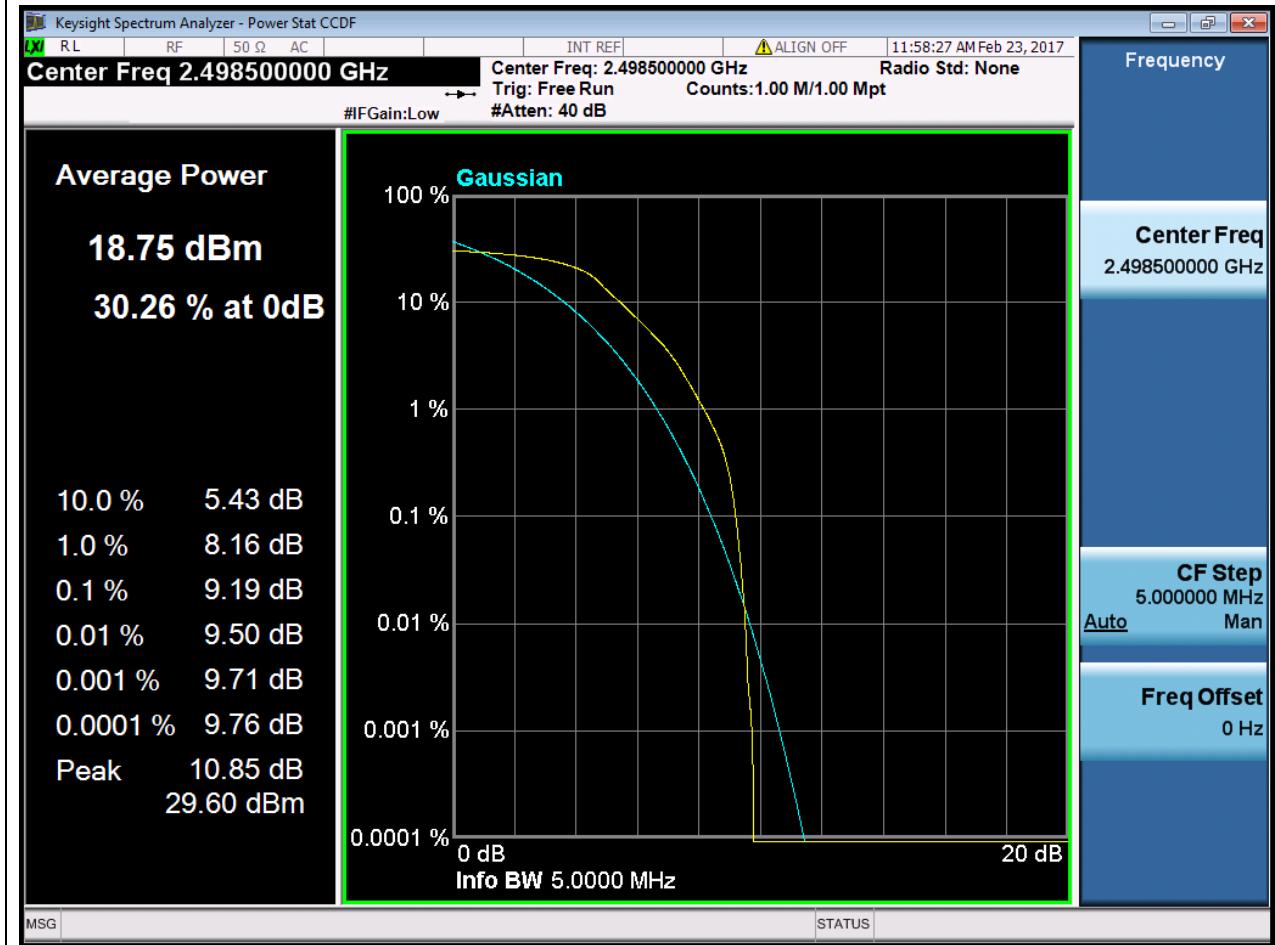
1.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:39675, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2498.5	0.1	8.44	13	Pass



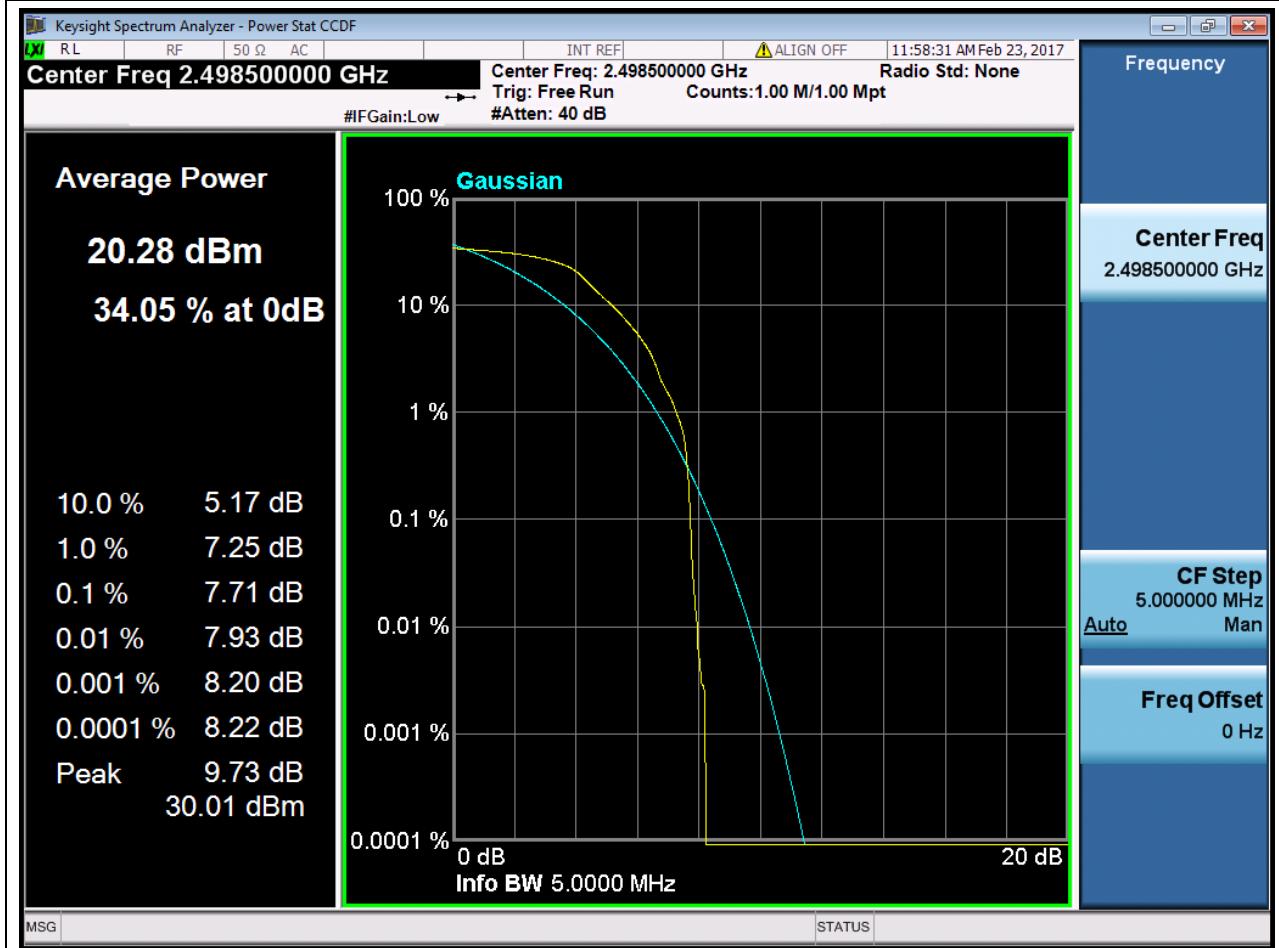
1.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:39675, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2498.5	0.1	9.19	13	Pass



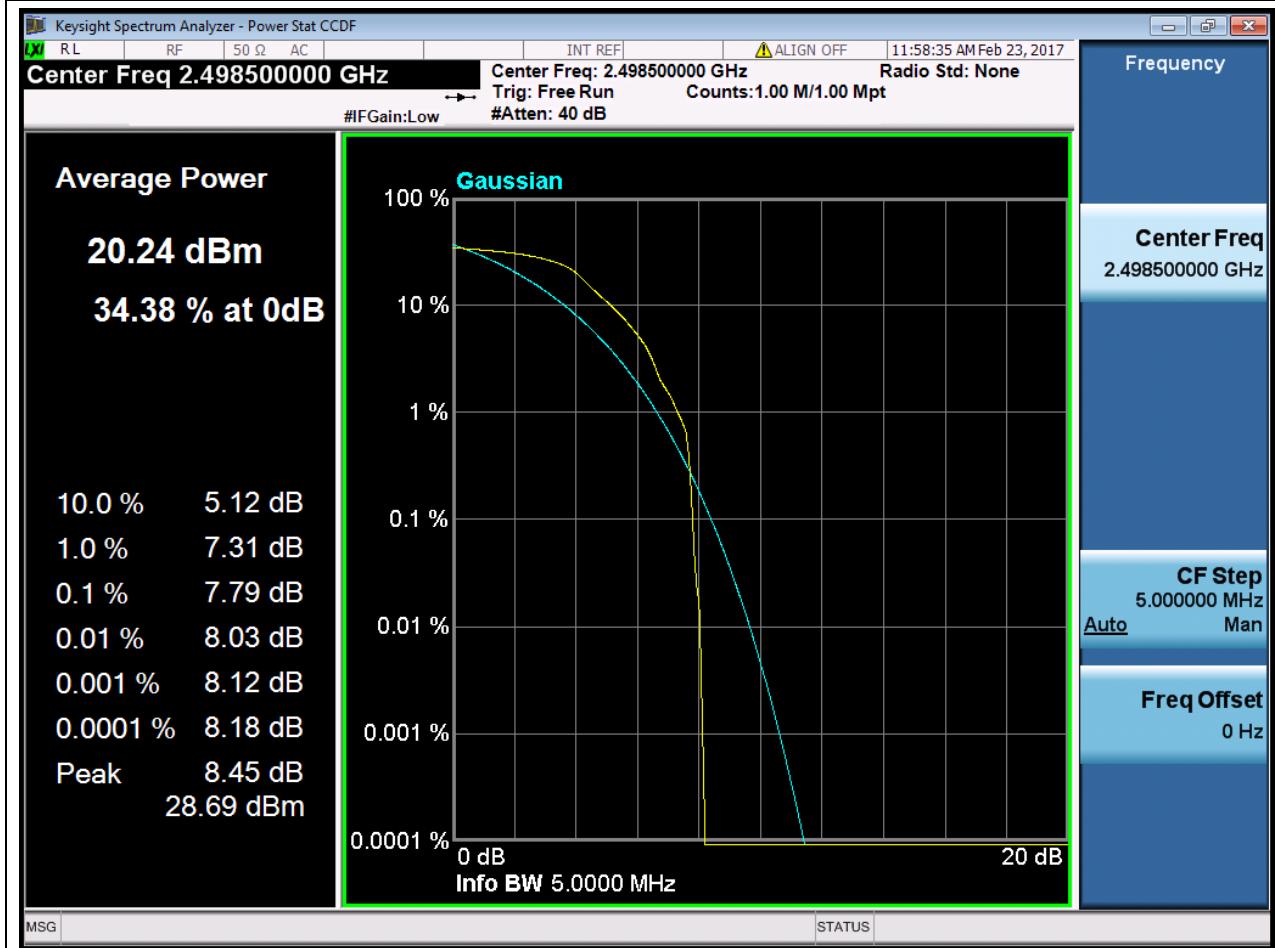
1.5. LTE Peak to Average Ratio(NTNV)(Subtest:5, Channel:39675, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2498.5	0.1	7.71	13	Pass



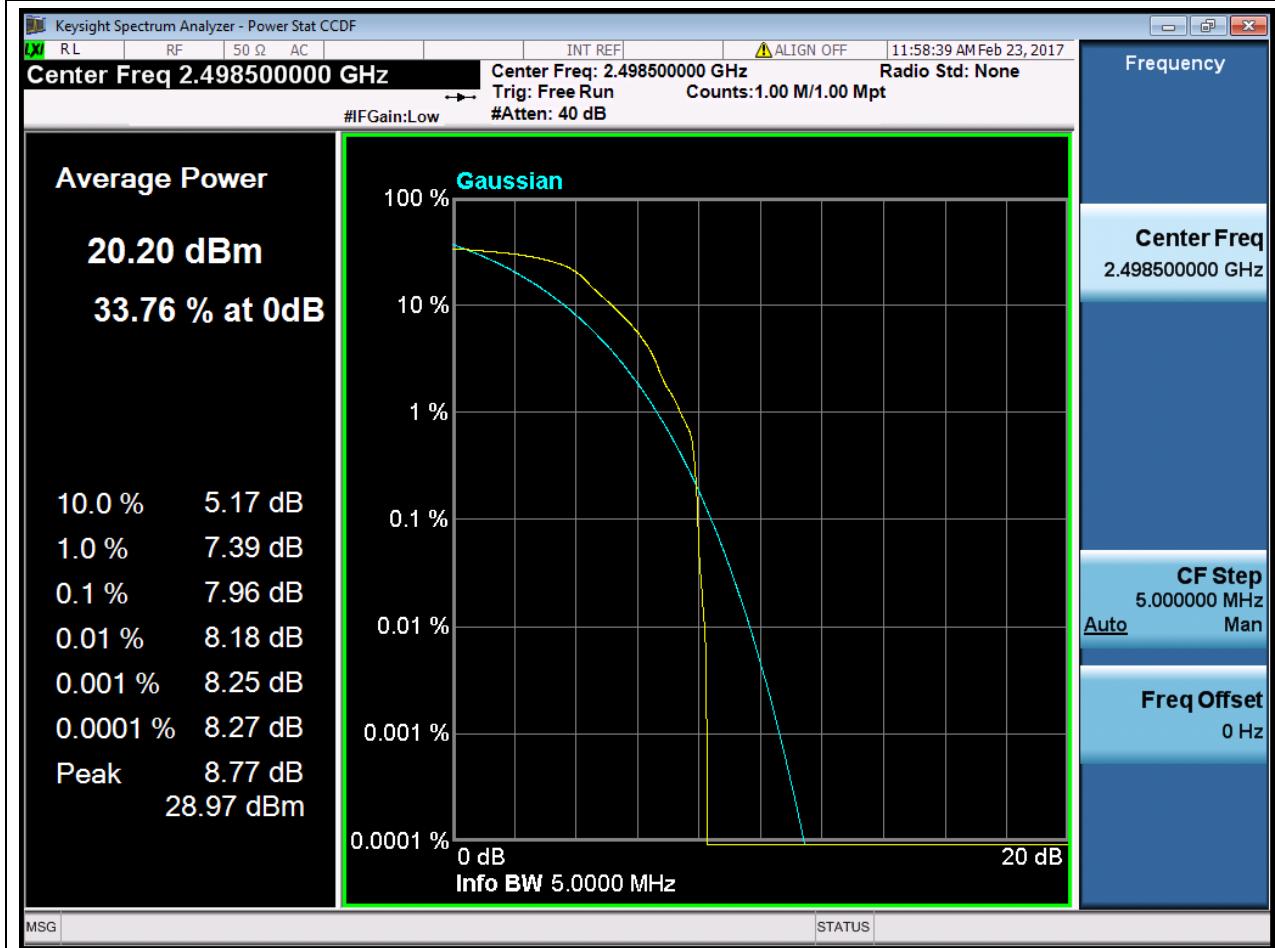
1.6. LTE Peak to Average Ratio(NTNV)(Subtest:6, Channel:39675, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2498.5	0.1	7.79	13	Pass

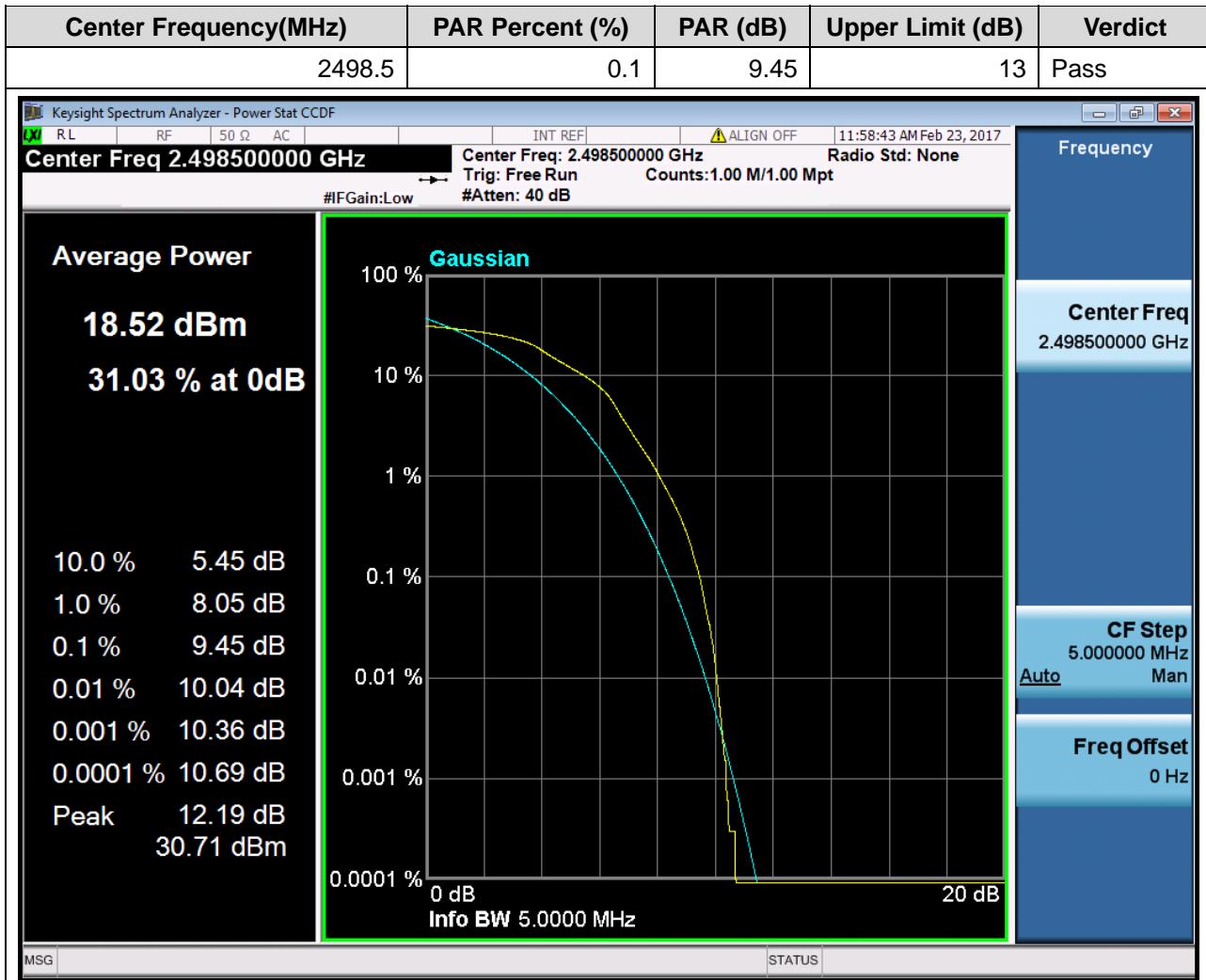


1.7. LTE Peak to Average Ratio(NTNV)(Subtest:7, Channel:39675, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2498.5	0.1	7.96	13	Pass

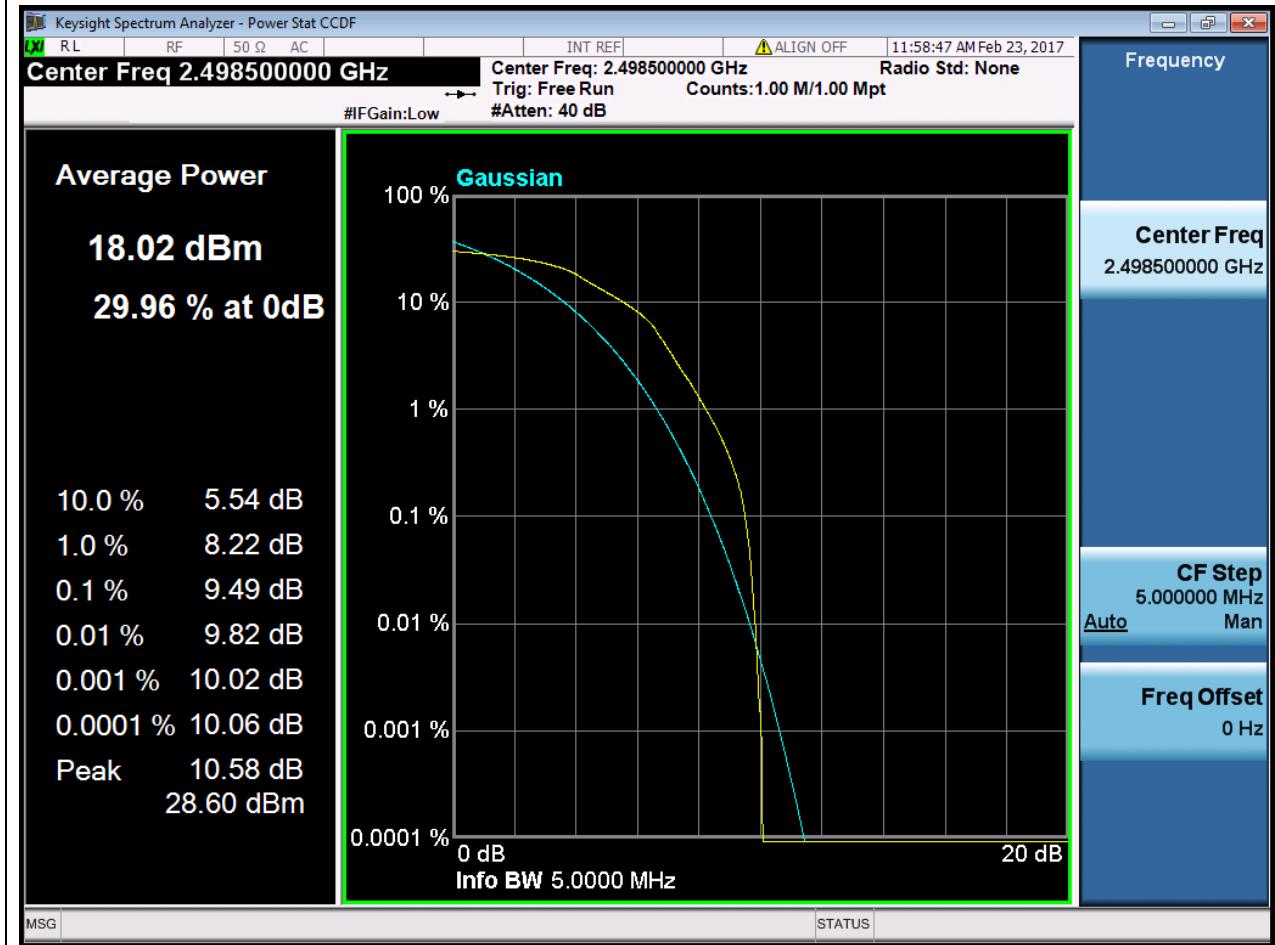


1.8. LTE Peak to Average Ratio(NTNV)(Subtest:8, Channel:39675, Bandwidth:5, Modulation:16QAM, RB Number: 25, RB Position:LOW)



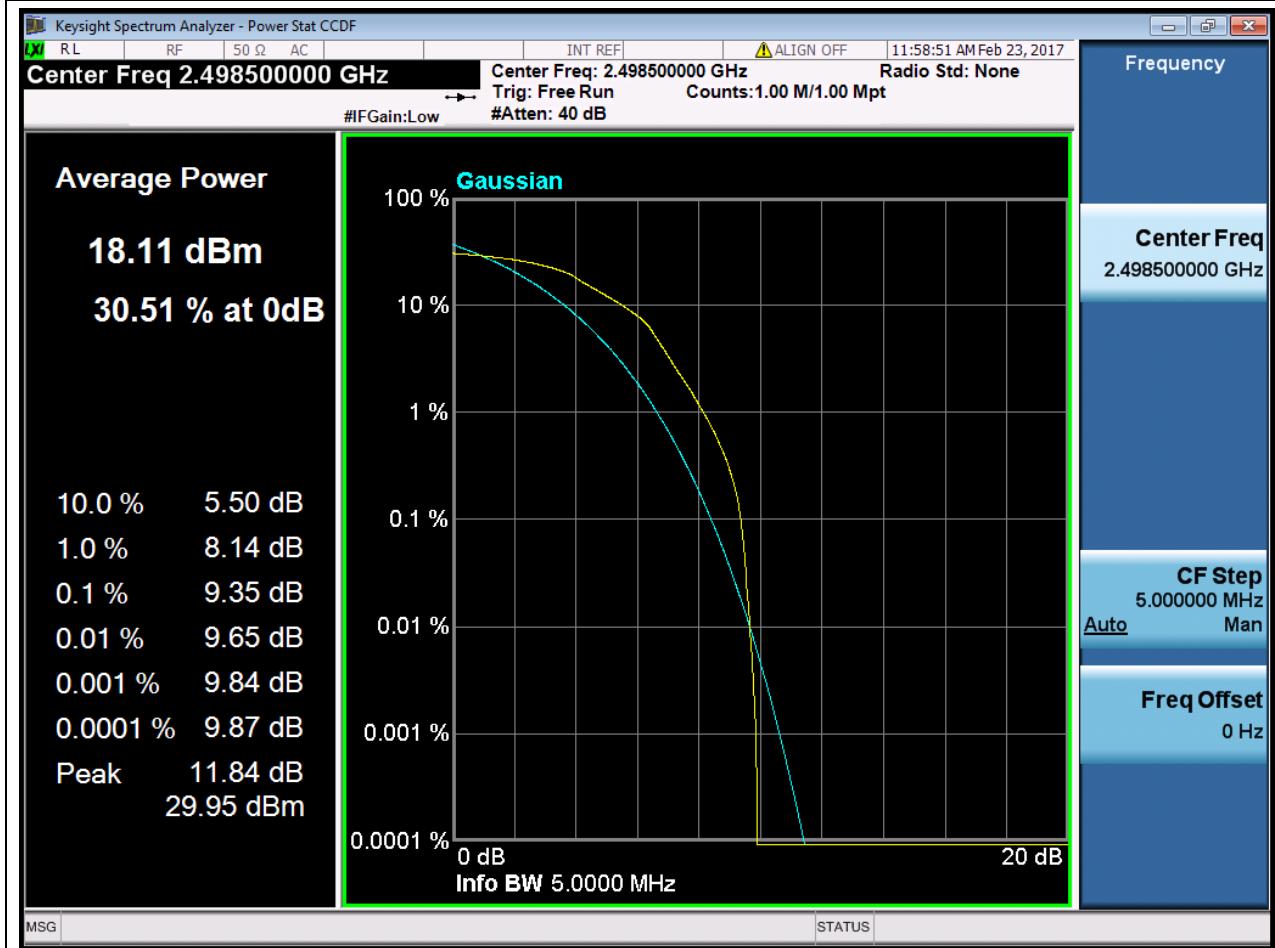
1.9. LTE Peak to Average Ratio(NTNV)(Subtest:9, Channel:39675, Bandwidth:5, Modulation:16QAM, RB Number: 12, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2498.5	0.1	9.49	13	Pass



1.10. LTE Peak to Average Ratio(NTNV)(Subtest:10, Channel:39675, Bandwidth:5, Modulation:16QAM, RB Number: 12, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2498.5	0.1	9.35	13	Pass



1.11. LTE Peak to Average Ratio(NTNV)(Subtest:11, Channel:39675, Bandwidth:5, Modulation:16QAM, RB Number: 12, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2498.5	0.1	9.54	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 11:58:55 AM Feb 23, 2017

Center Freq 2.498500000 GHz Center Freq: 2.498500000 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power
18.06 dBm
29.95 % at 0dB

10.0 % 5.55 dB
1.0 % 8.22 dB
0.1 % 9.54 dB
0.01 % 9.89 dB
0.001 % 10.05 dB
0.0001 % 10.06 dB
Peak 10.09 dB
28.15 dBm

Gaussian

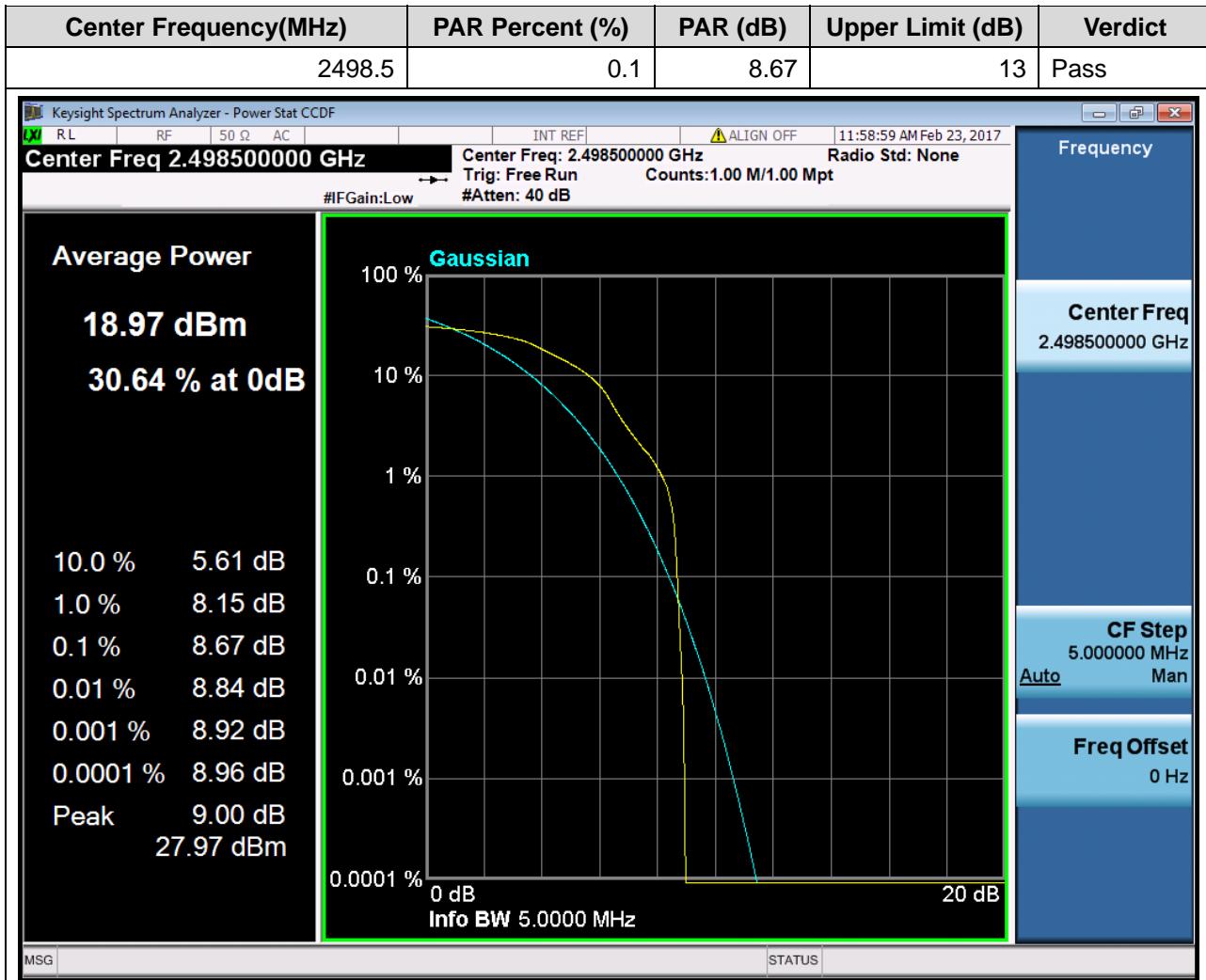


0 dB 20 dB
Info BW 5.0000 MHz

Frequency
Center Freq 2.498500000 GHz
CF Step 5.000000 MHz Man
Auto
Freq Offset 0 Hz

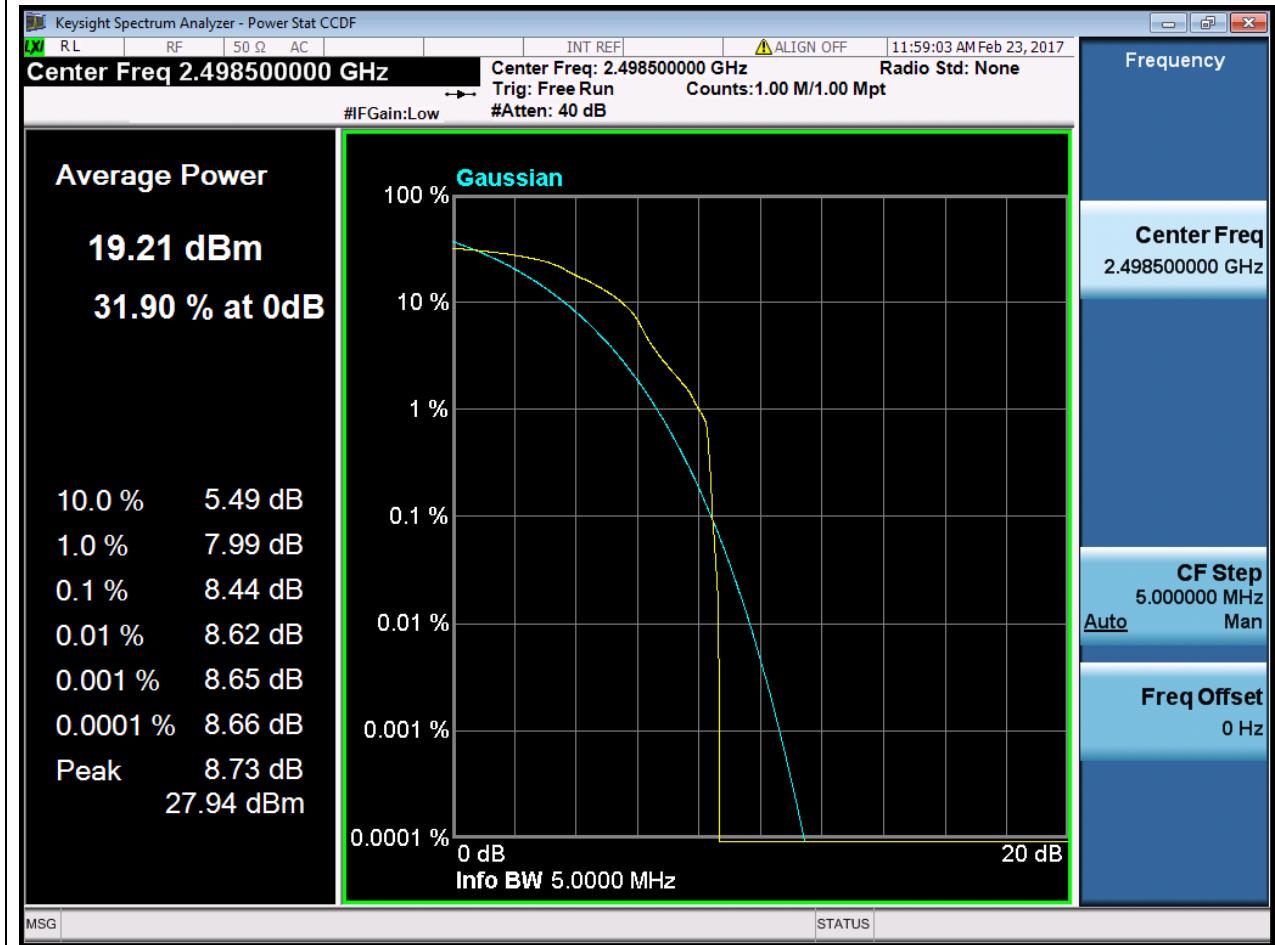
MSG STATUS

1.12. LTE Peak to Average Ratio(NTNV)(Subtest:12, Channel:39675, Bandwidth:5, Modulation:16QAM, RB Number: 1, RB Position:LOW)



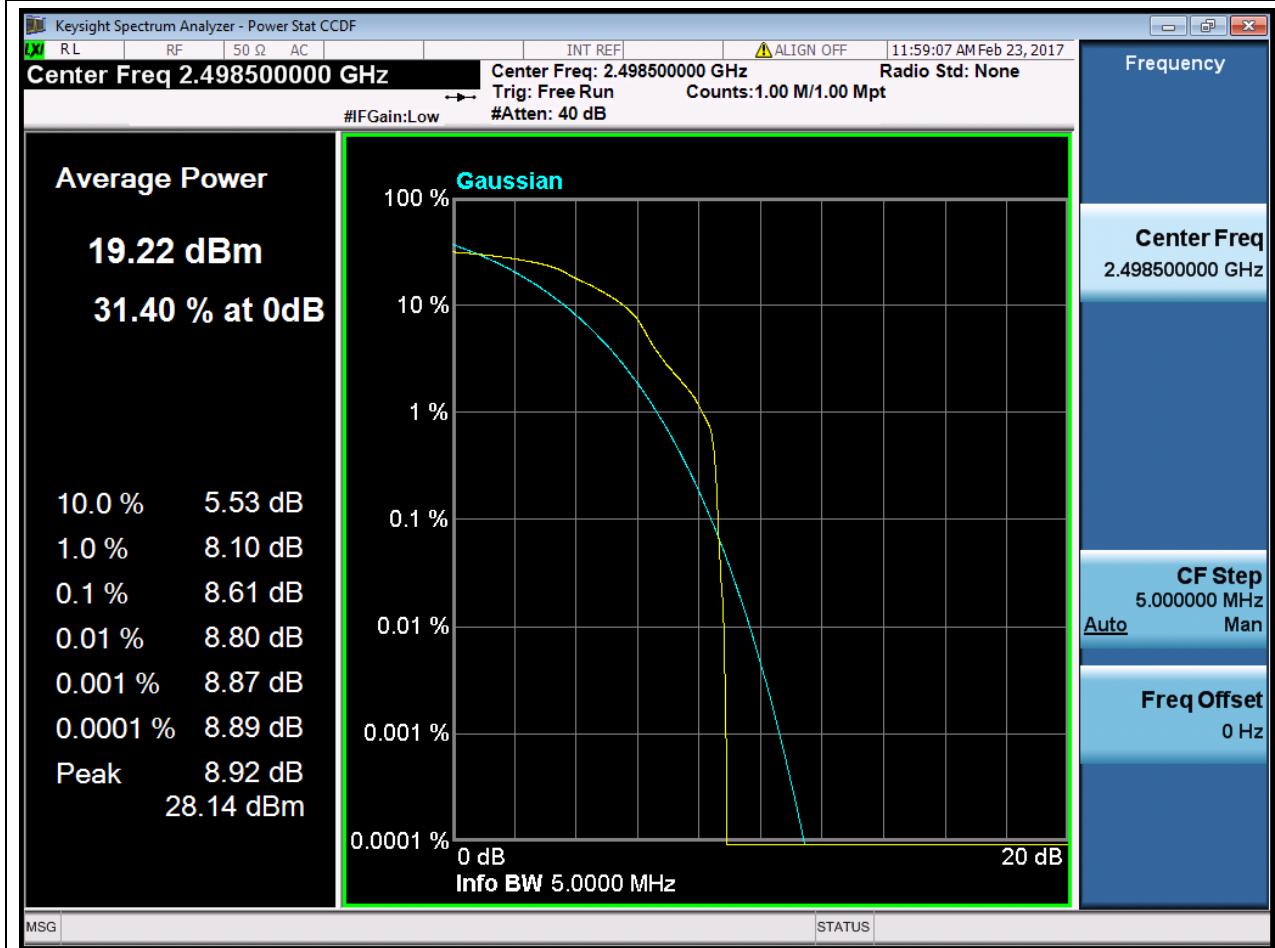
1.13. LTE Peak to Average Ratio(NTNV)(Subtest:13, Channel:39675, Bandwidth:5, Modulation:16QAM, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2498.5	0.1	8.44	13	Pass



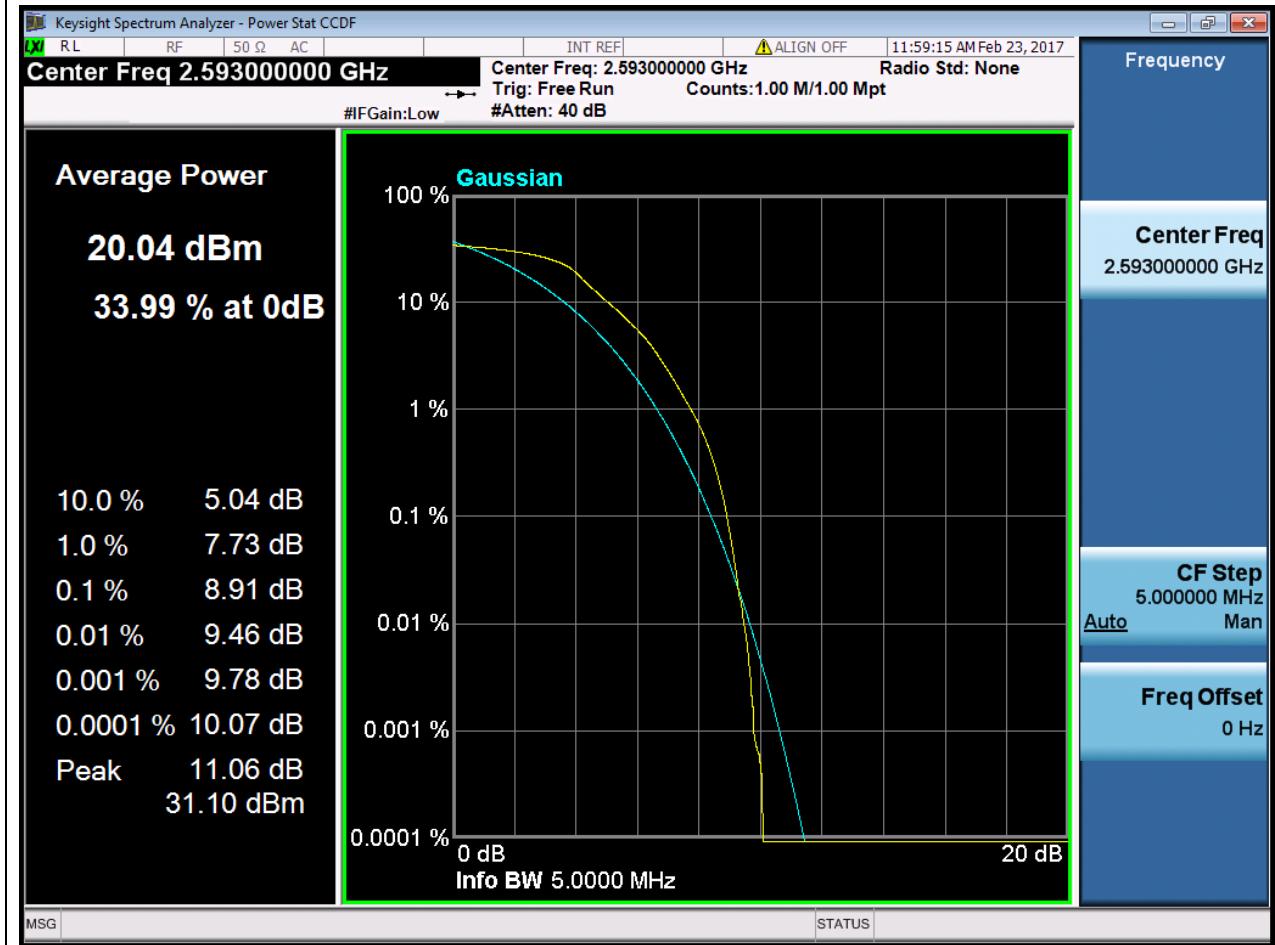
1.14. LTE Peak to Average Ratio(NTNV)(Subtest:14, Channel:39675, Bandwidth:5, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2498.5	0.1	8.61	13	Pass

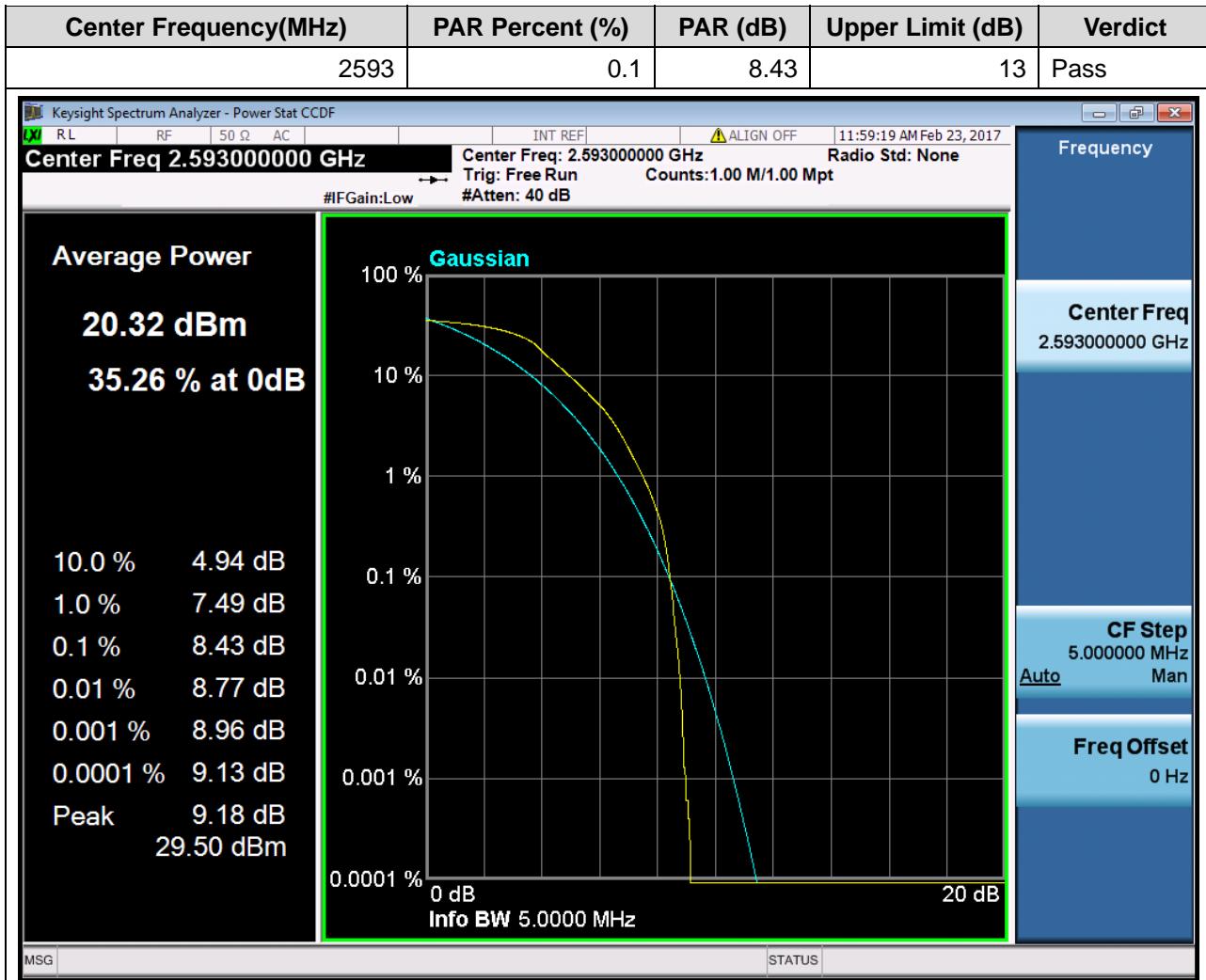


1.15. LTE Peak to Average Ratio(NTNV)(Subtest:15, Channel:40620, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2593	0.1	8.91	13	Pass

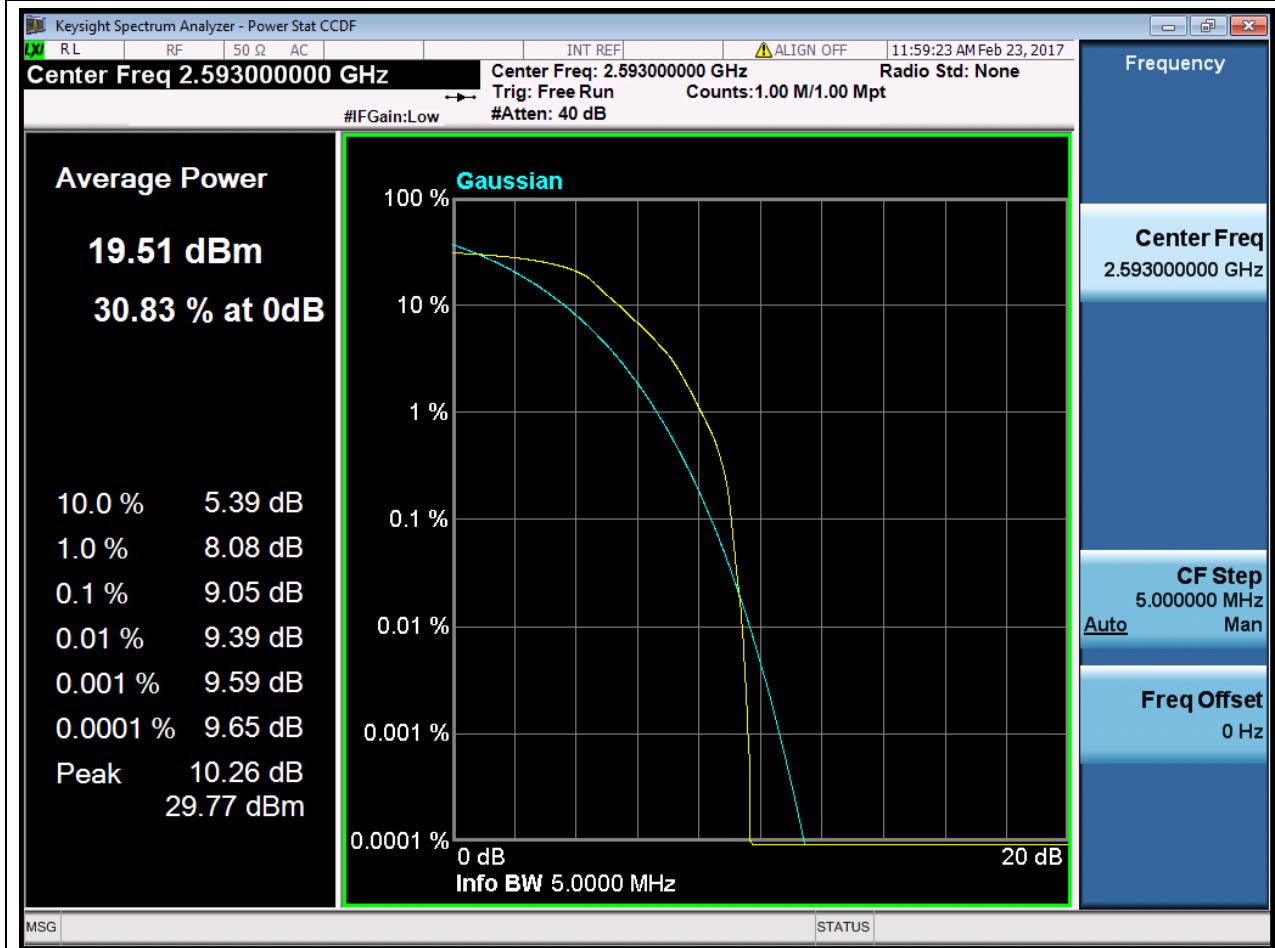


1.16. LTE Peak to Average Ratio(NTNV)(Subtest:16, Channel:40620, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:LOW)



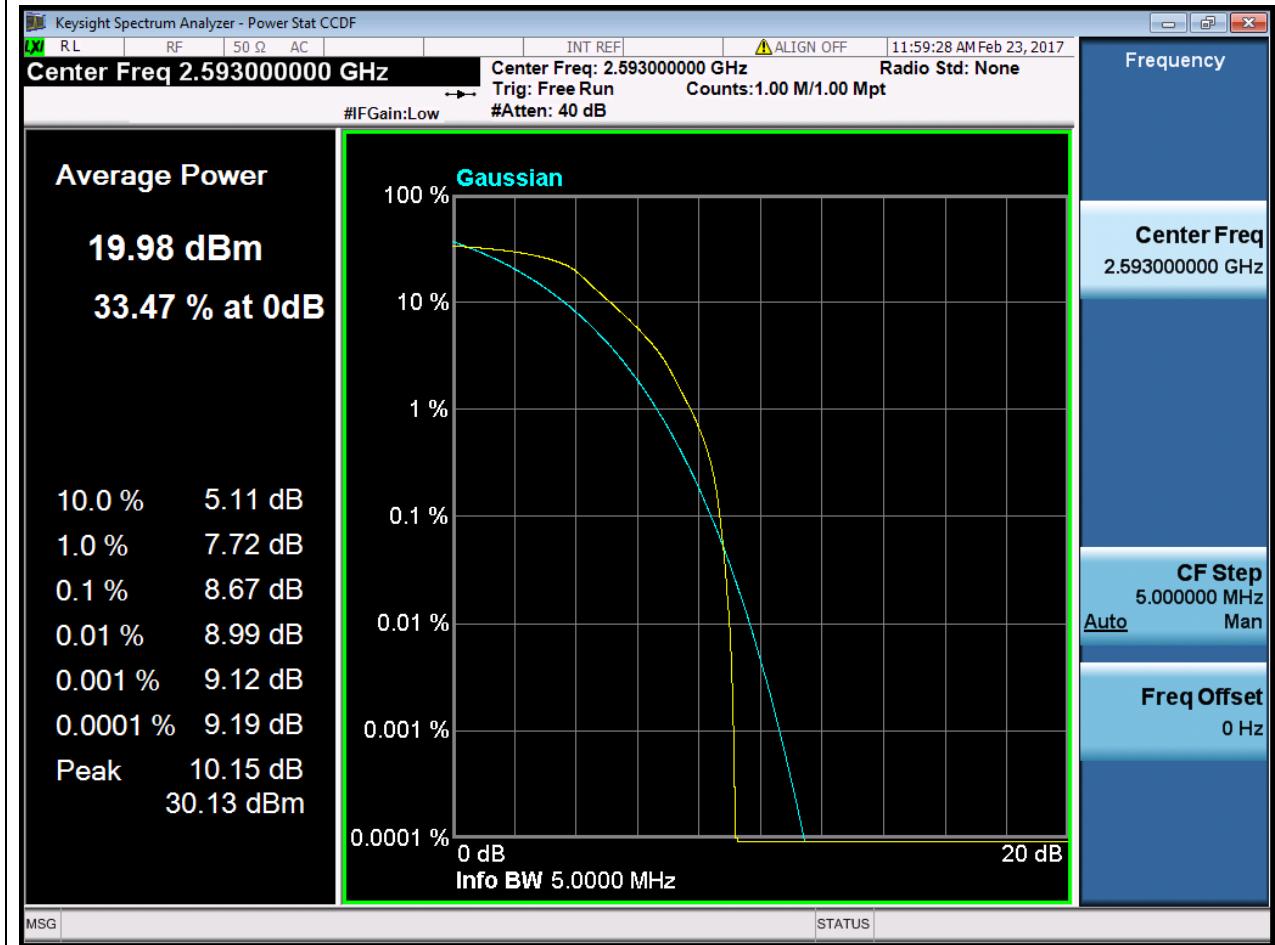
1.17. LTE Peak to Average Ratio(NTNV)(Subtest:17, Channel:40620, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2593	0.1	9.05	13	Pass



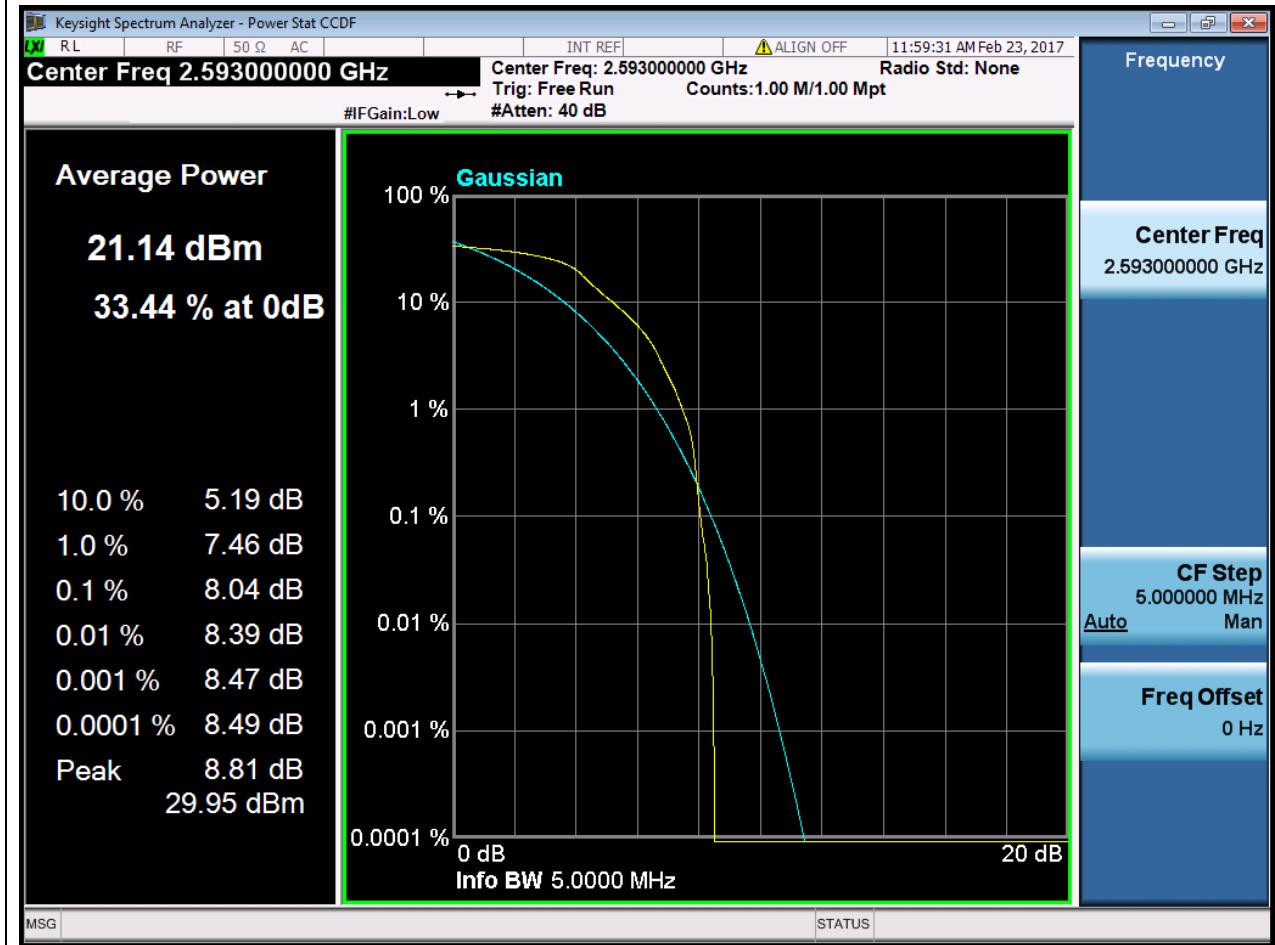
1.18. LTE Peak to Average Ratio(NTNV)(Subtest:18, Channel:40620, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2593	0.1	8.67	13	Pass



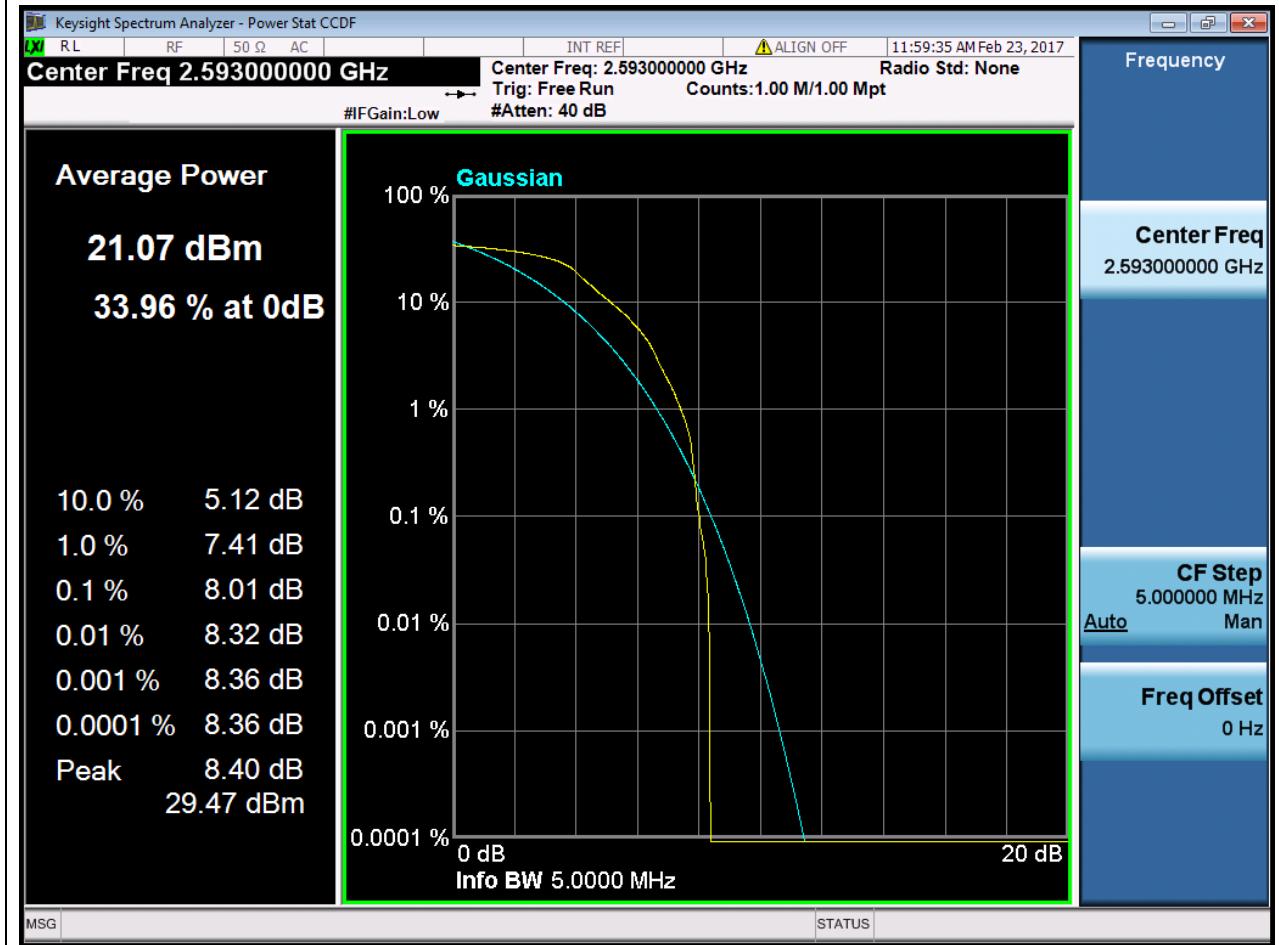
1.19. LTE Peak to Average Ratio(NTNV)(Subtest:19, Channel:40620, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2593	0.1	8.04	13	Pass



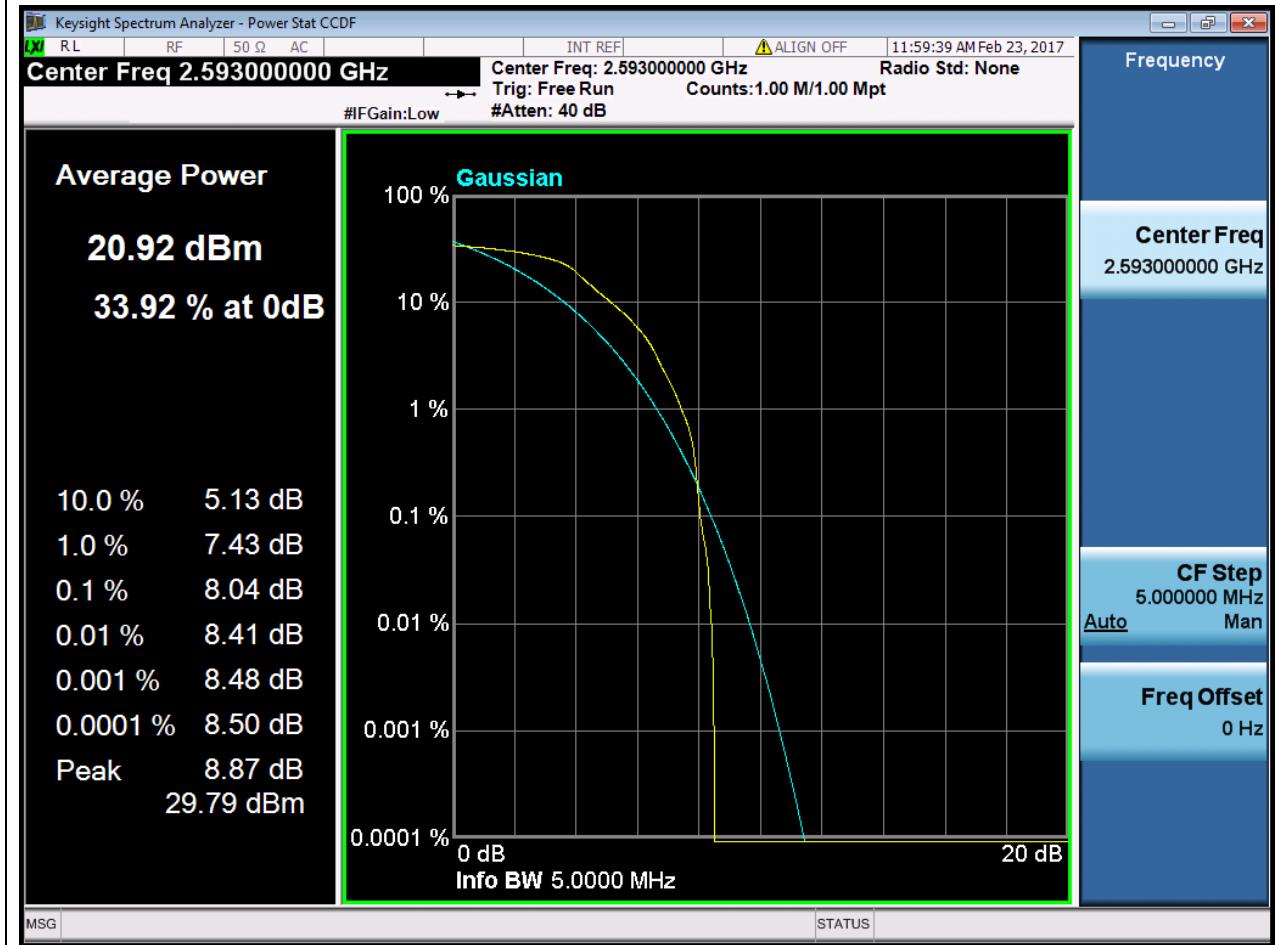
1.20. LTE Peak to Average Ratio(NTNV)(Subtest:20, Channel:40620, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2593	0.1	8.01	13	Pass



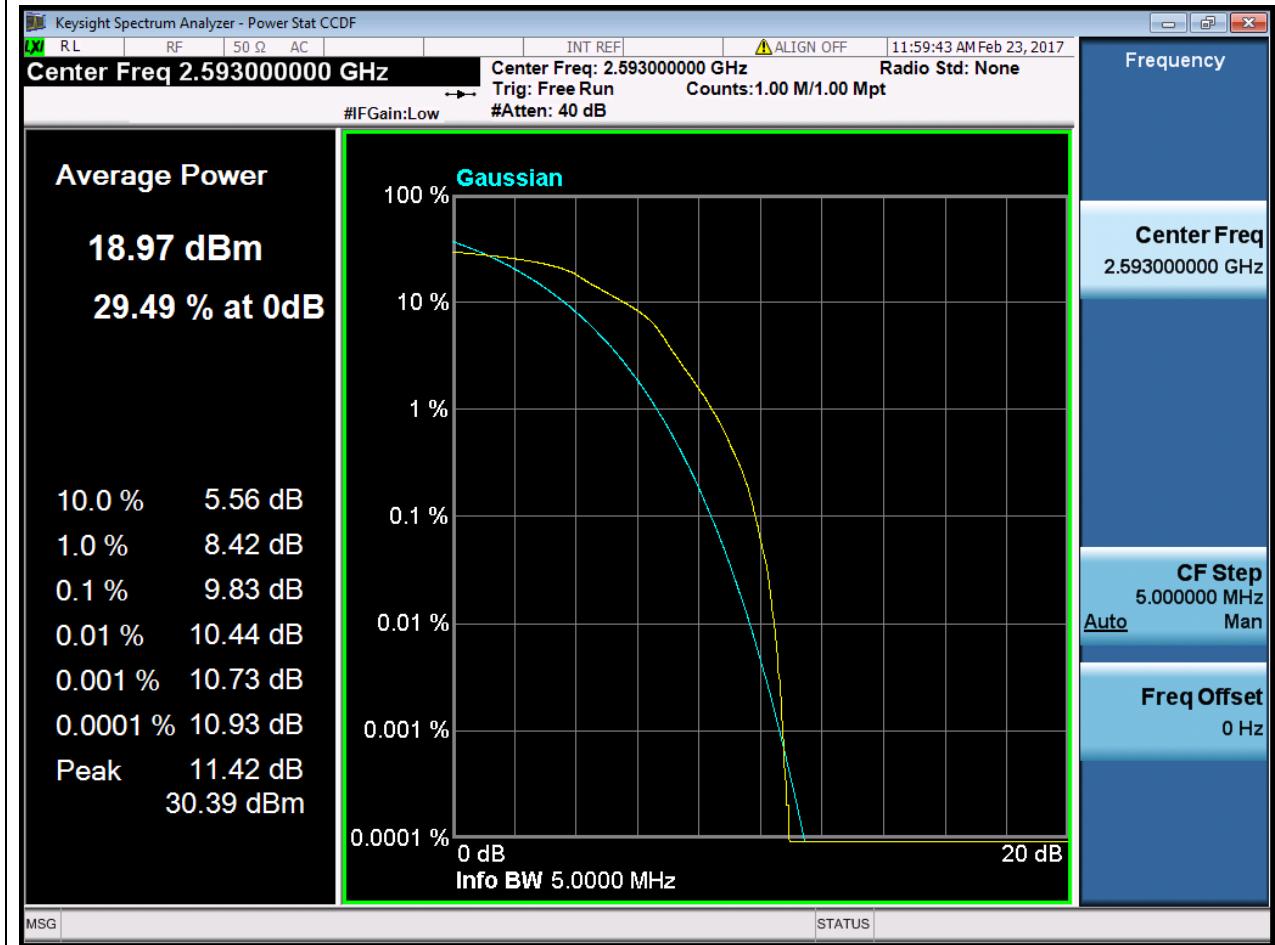
1.21. LTE Peak to Average Ratio(NTNV)(Subtest:21, Channel:40620, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2593	0.1	8.04	13	Pass



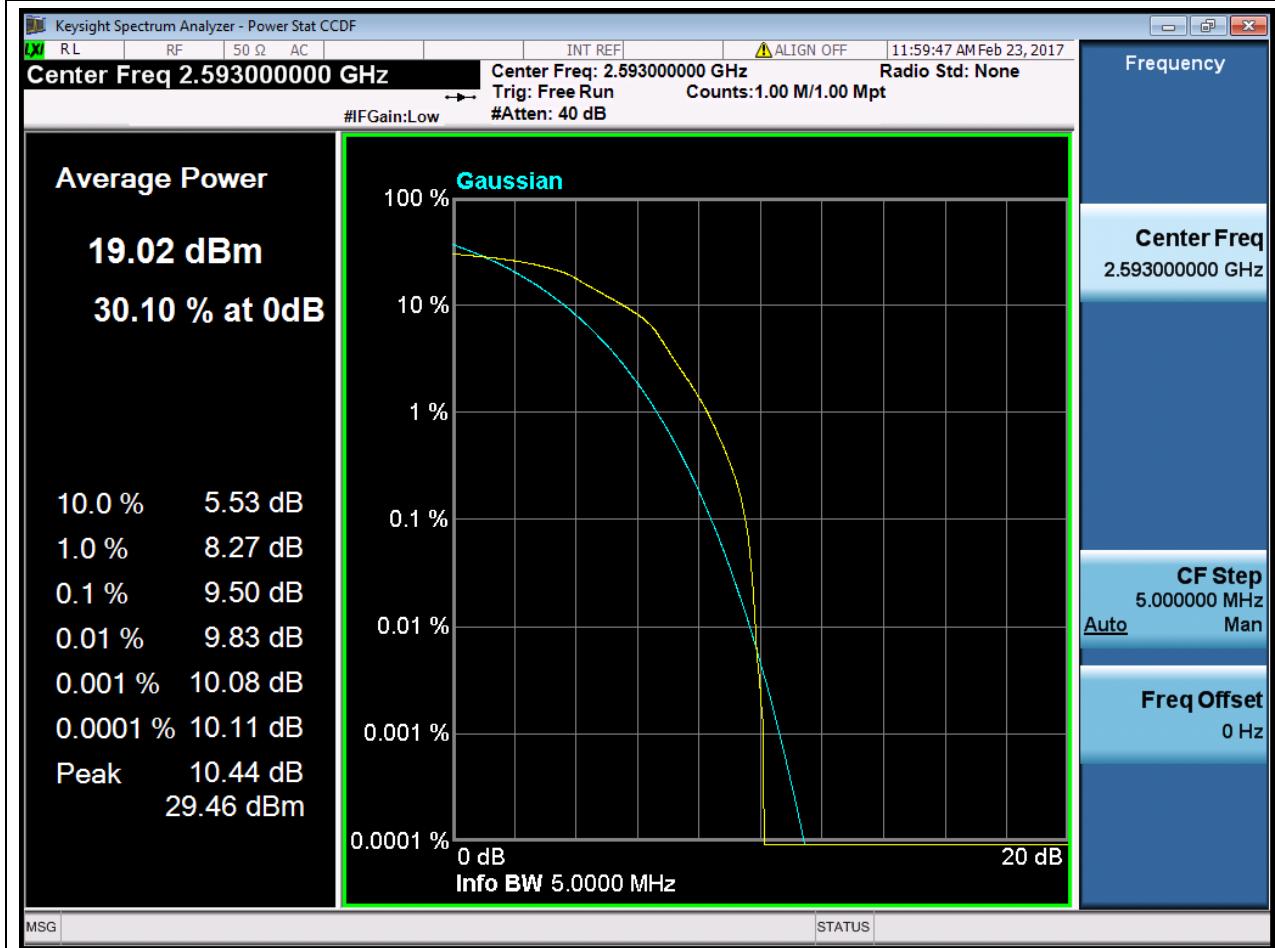
1.22. LTE Peak to Average Ratio(NTNV)(Subtest:22, Channel:40620, Bandwidth:5, Modulation:16QAM, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2593	0.1	9.83	13	Pass



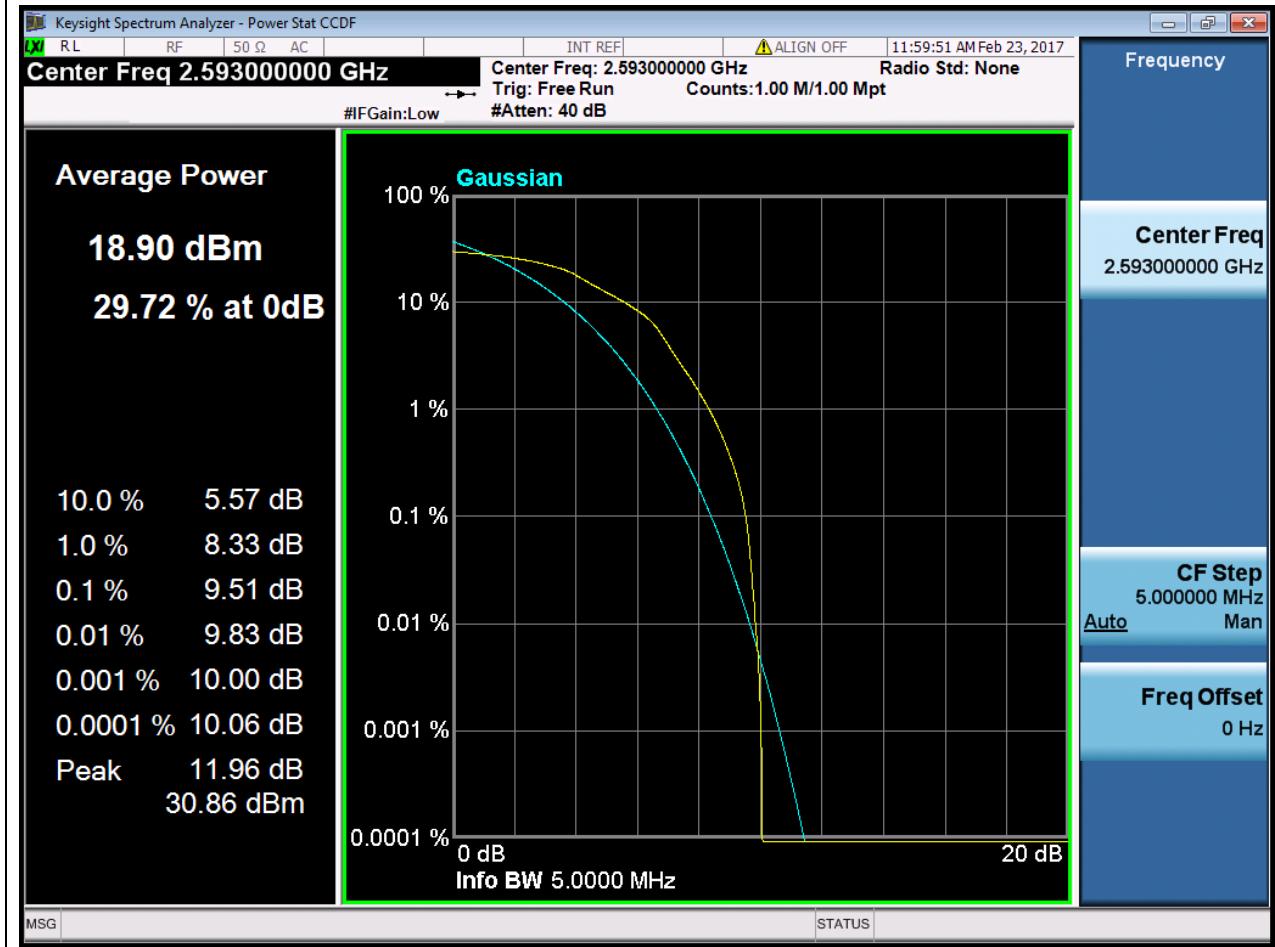
1.23. LTE Peak to Average Ratio(NTNV)(Subtest:23, Channel:40620, Bandwidth:5, Modulation:16QAM, RB Number: 12, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2593	0.1	9.5	13	Pass



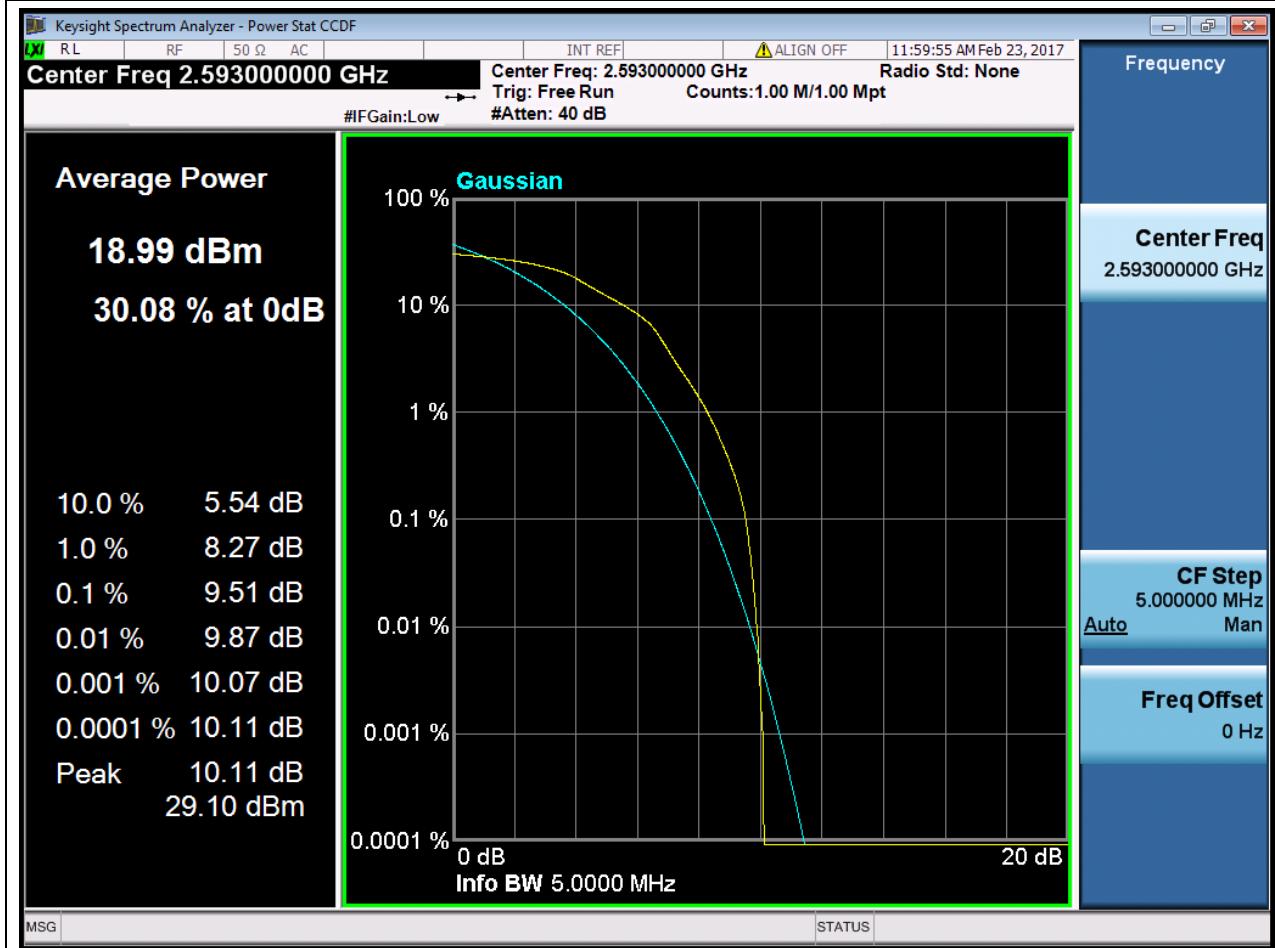
1.24. LTE Peak to Average Ratio(NTNV)(Subtest:24, Channel:40620, Bandwidth:5, Modulation:16QAM, RB Number: 12, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2593	0.1	9.51	13	Pass



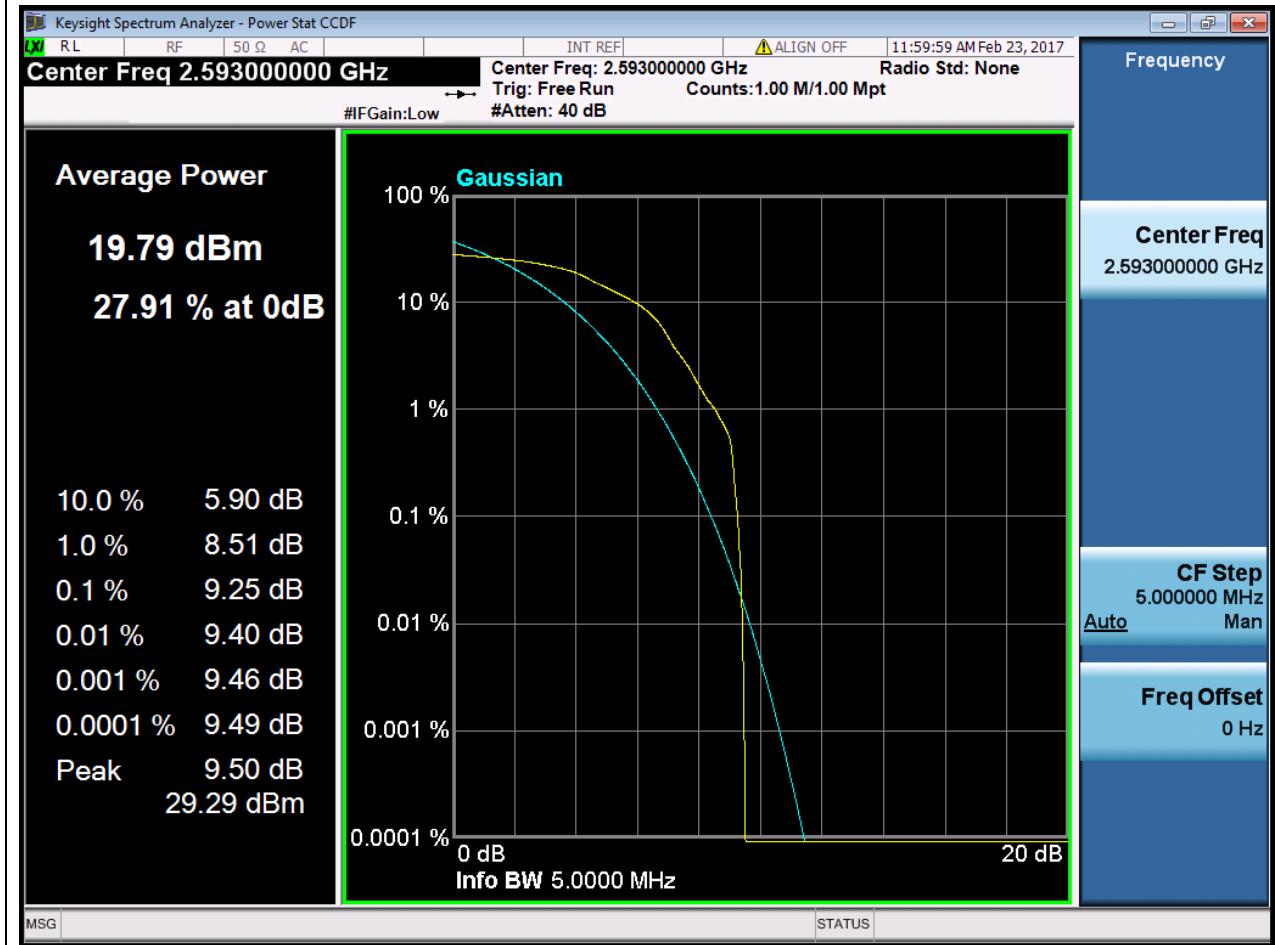
1.25. LTE Peak to Average Ratio(NTNV)(Subtest:25, Channel:40620, Bandwidth:5, Modulation:16QAM, RB Number: 12, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2593	0.1	9.51	13	Pass



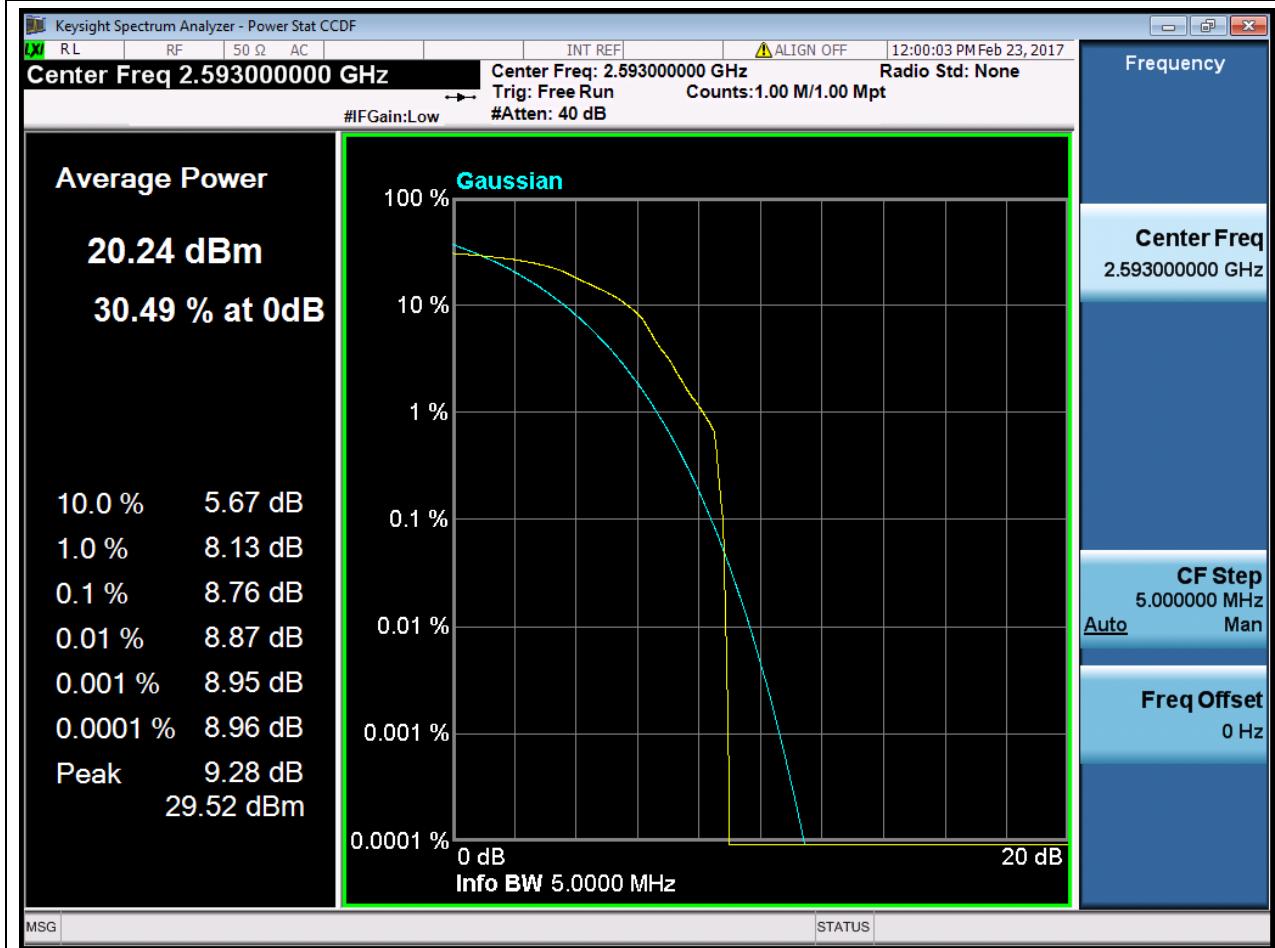
1.26. LTE Peak to Average Ratio(NTNV)(Subtest:26, Channel:40620, Bandwidth:5, Modulation:16QAM, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2593	0.1	9.25	13	Pass



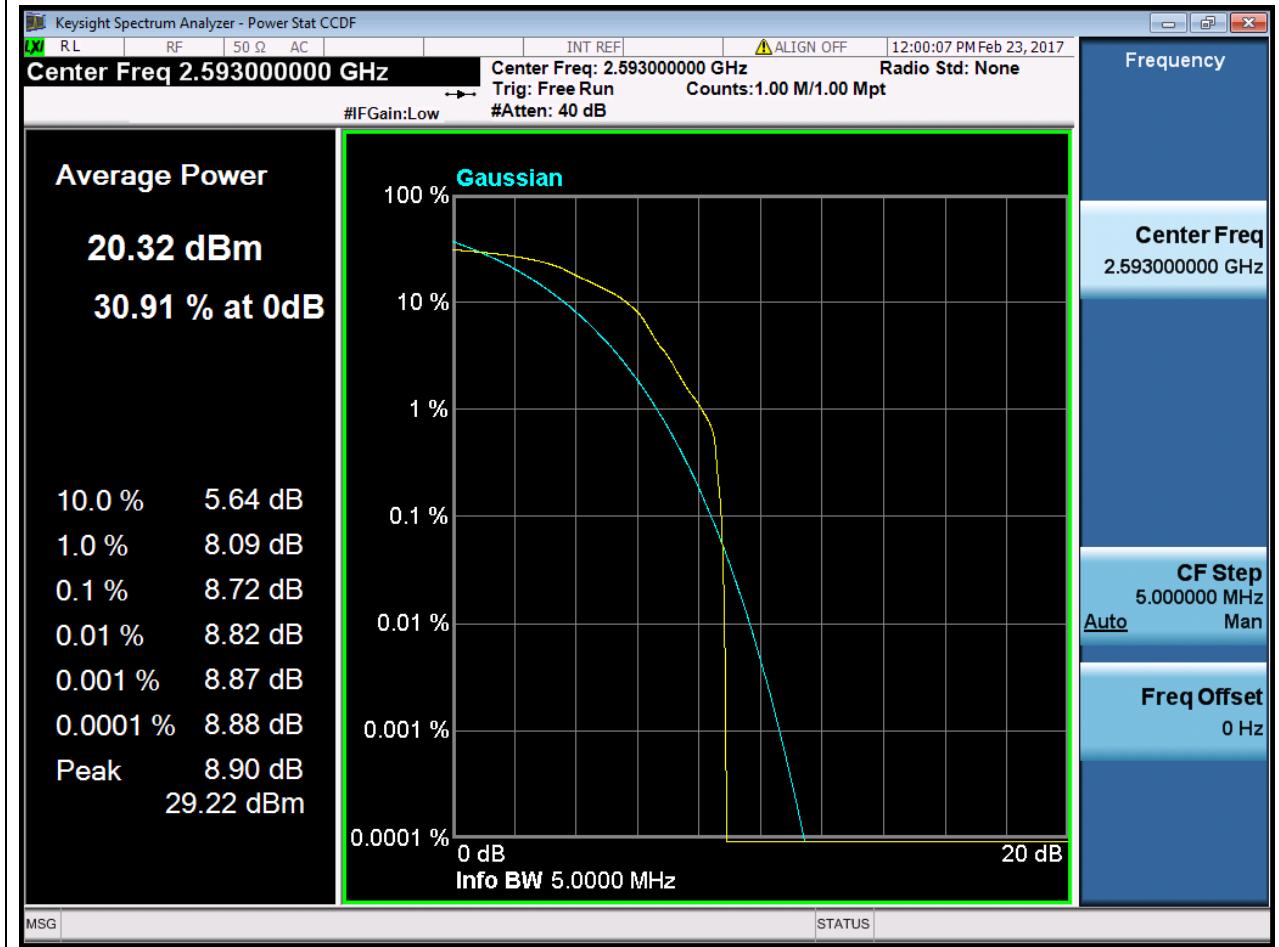
1.27. LTE Peak to Average Ratio(NTNV)(Subtest:27, Channel:40620, Bandwidth:5, Modulation:16QAM, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2593	0.1	8.76	13	Pass



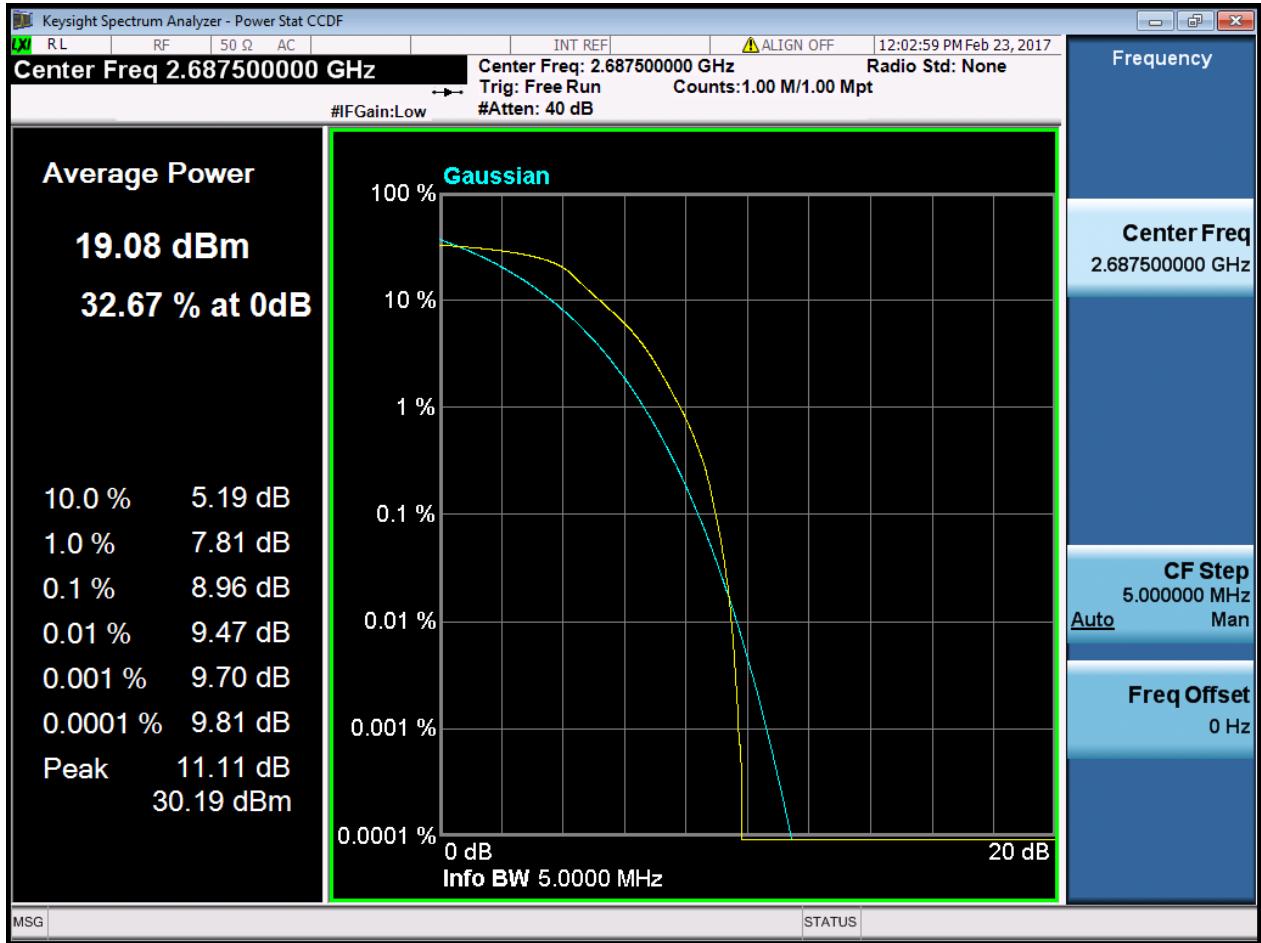
1.28. LTE Peak to Average Ratio(NTNV)(Subtest:28, Channel:40620, Bandwidth:5, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2593	0.1	8.72	13	Pass



1.29. LTE Peak to Average Ratio(NTNV)(Subtest:29, Channel:41565, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2687.5	0.1	8.96	13	Pass



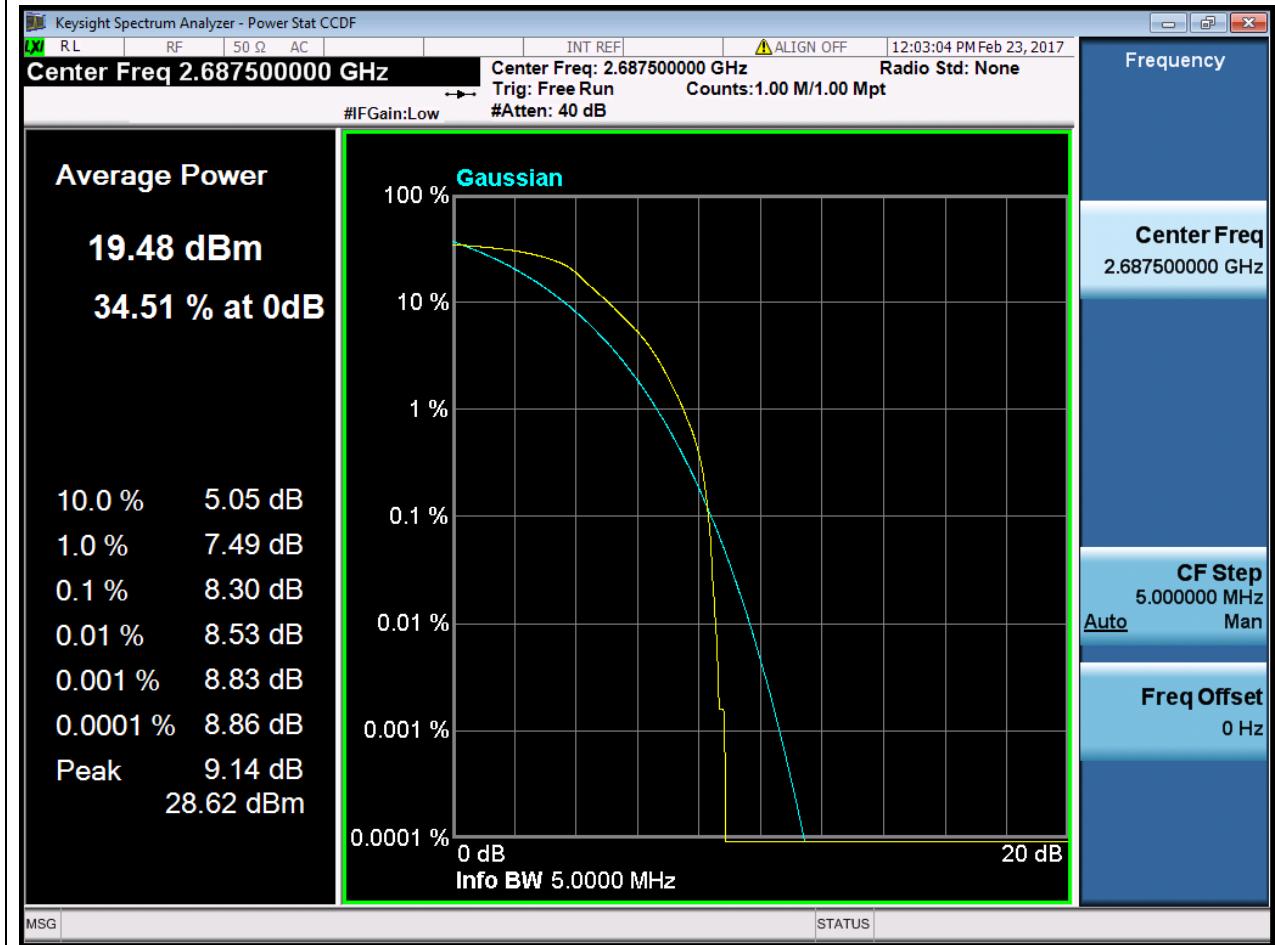
The screenshot shows the Keysight Spectrum Analyzer interface with the following details:

- Center Freq:** 2.687500000 GHz
- Radio Std:** None
- Trig:** Free Run
- Counts:** 1.00 M/1.00 Mpt
- #IFGain:** Low
- #Atten:** 40 dB
- Average Power:** 19.08 dBm
- 32.67 % at 0dB**
- Data Table:**

10.0 %	5.19 dB
1.0 %	7.81 dB
0.1 %	8.96 dB
0.01 %	9.47 dB
0.001 %	9.70 dB
0.0001 %	9.81 dB
Peak	11.11 dB
	30.19 dBm
- Plot:** Gaussian CCDF plot showing Power (%) vs. Level (dB). The x-axis ranges from 0 dB to 20 dB, and the y-axis ranges from 0.0001 % to 100 %. A blue curve represents the measured data, and a yellow vertical line indicates the threshold.
- Right Panel:**
 - Frequency: Center Freq 2.687500000 GHz
 - CF Step: 5.000000 MHz
 - Freq Offset: 0 Hz
- Bottom Bar:** MSG | STATUS

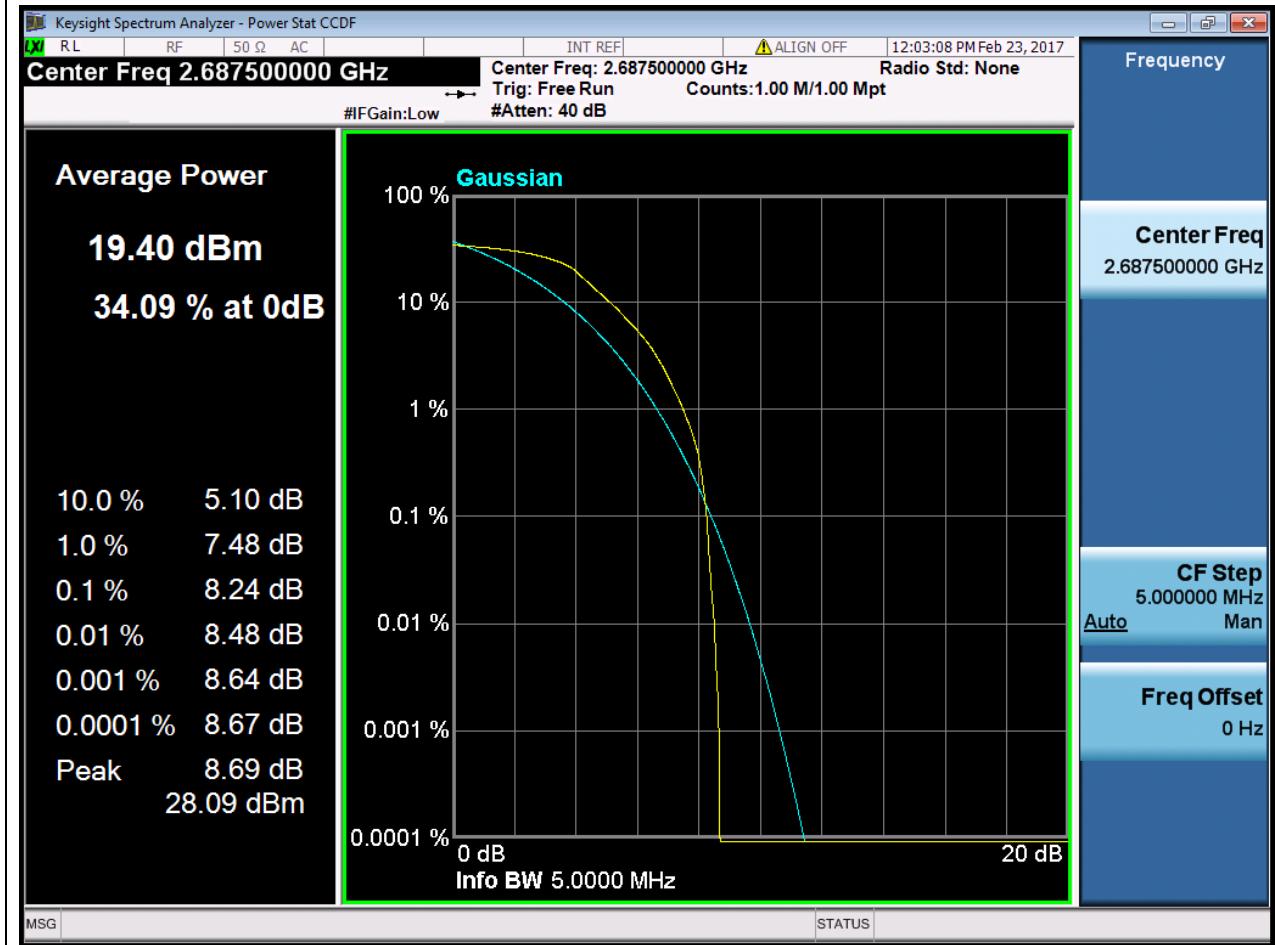
1.30. LTE Peak to Average Ratio(NTNV)(Subtest:30, Channel:41565, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2687.5	0.1	8.3	13	Pass



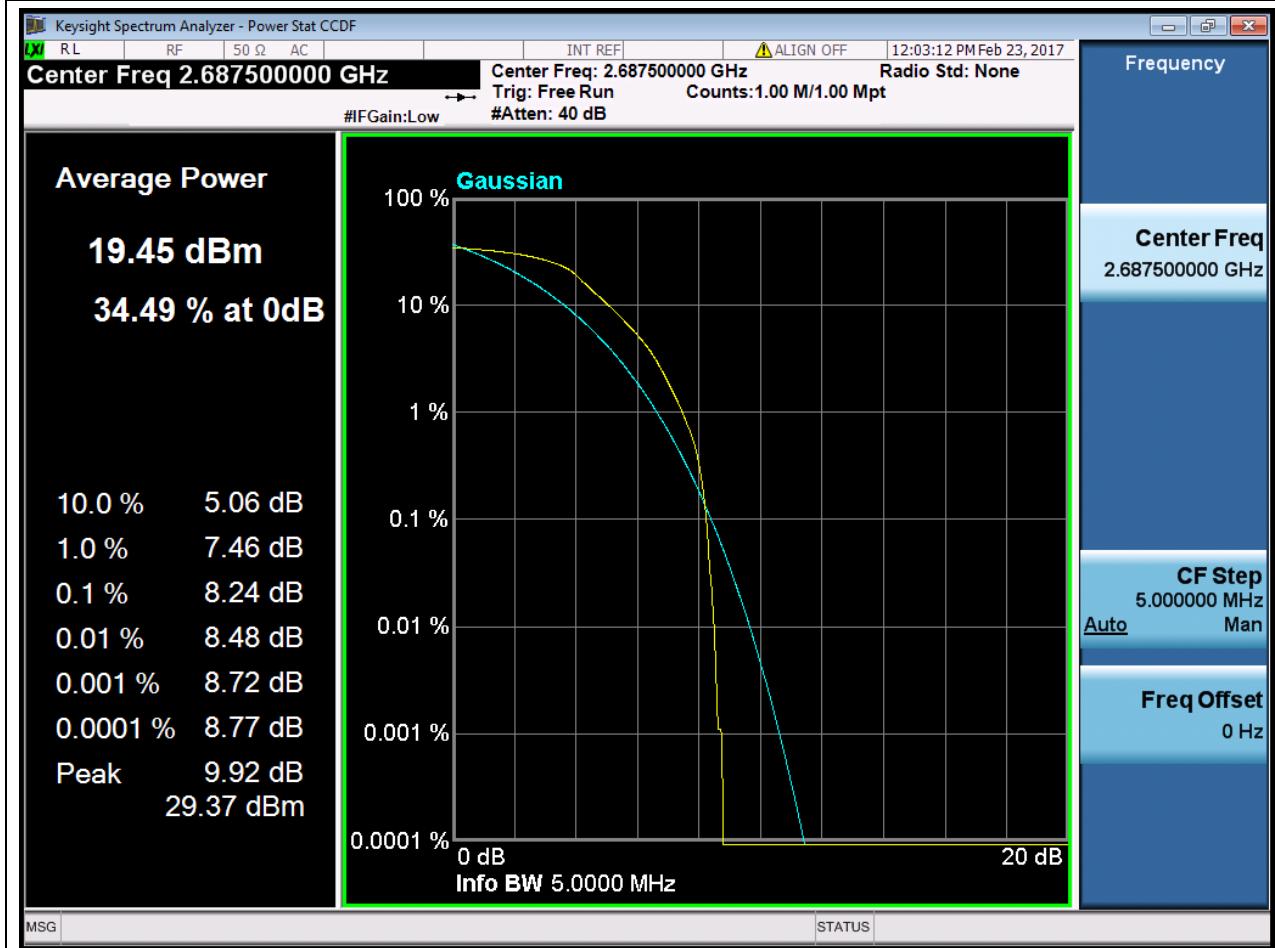
1.31. LTE Peak to Average Ratio(NTNV)(Subtest:31, Channel:41565, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2687.5	0.1	8.24	13	Pass



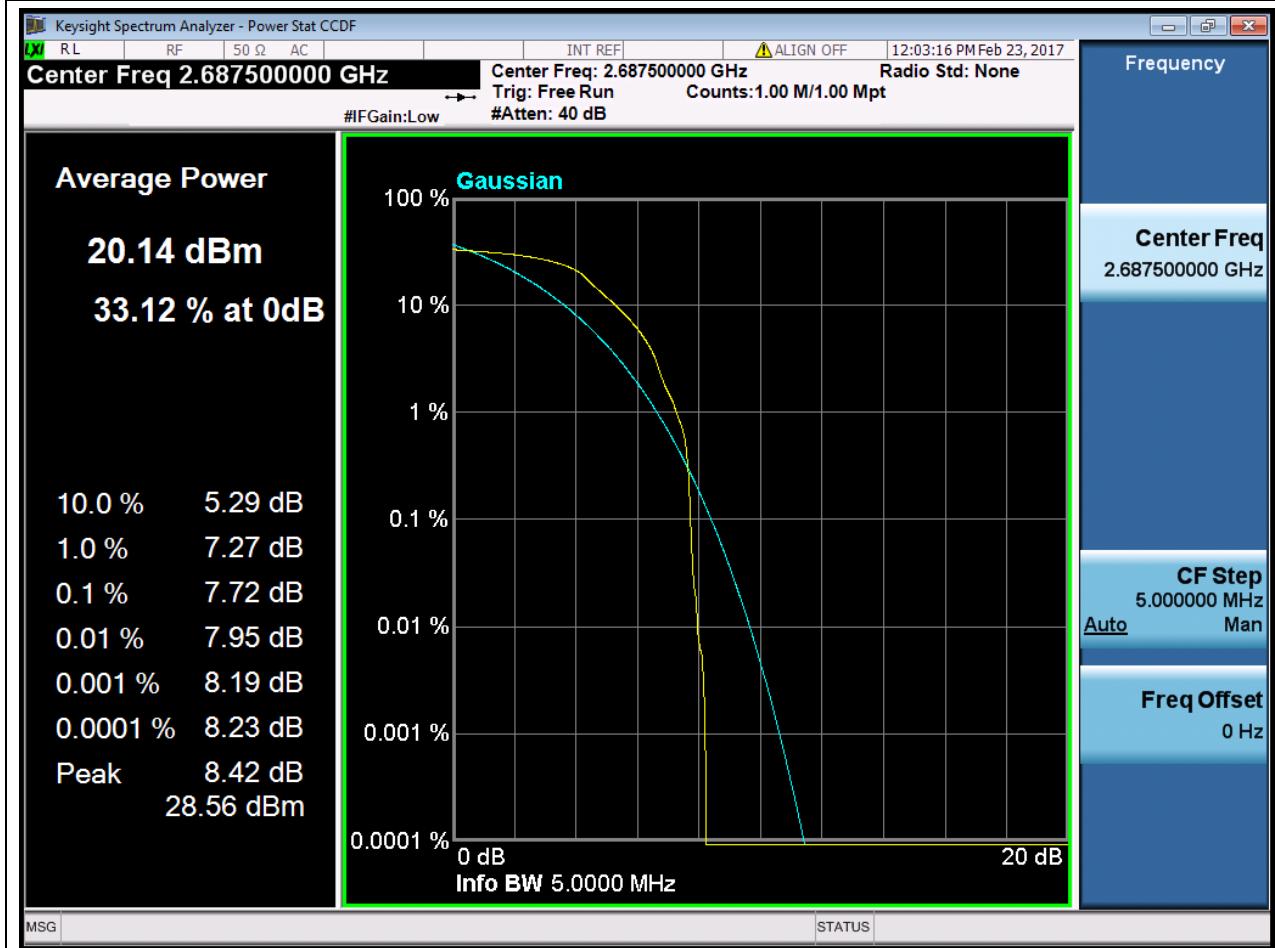
1.32. LTE Peak to Average Ratio(NTNV)(Subtest:32, Channel:41565, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2687.5	0.1	8.24	13	Pass



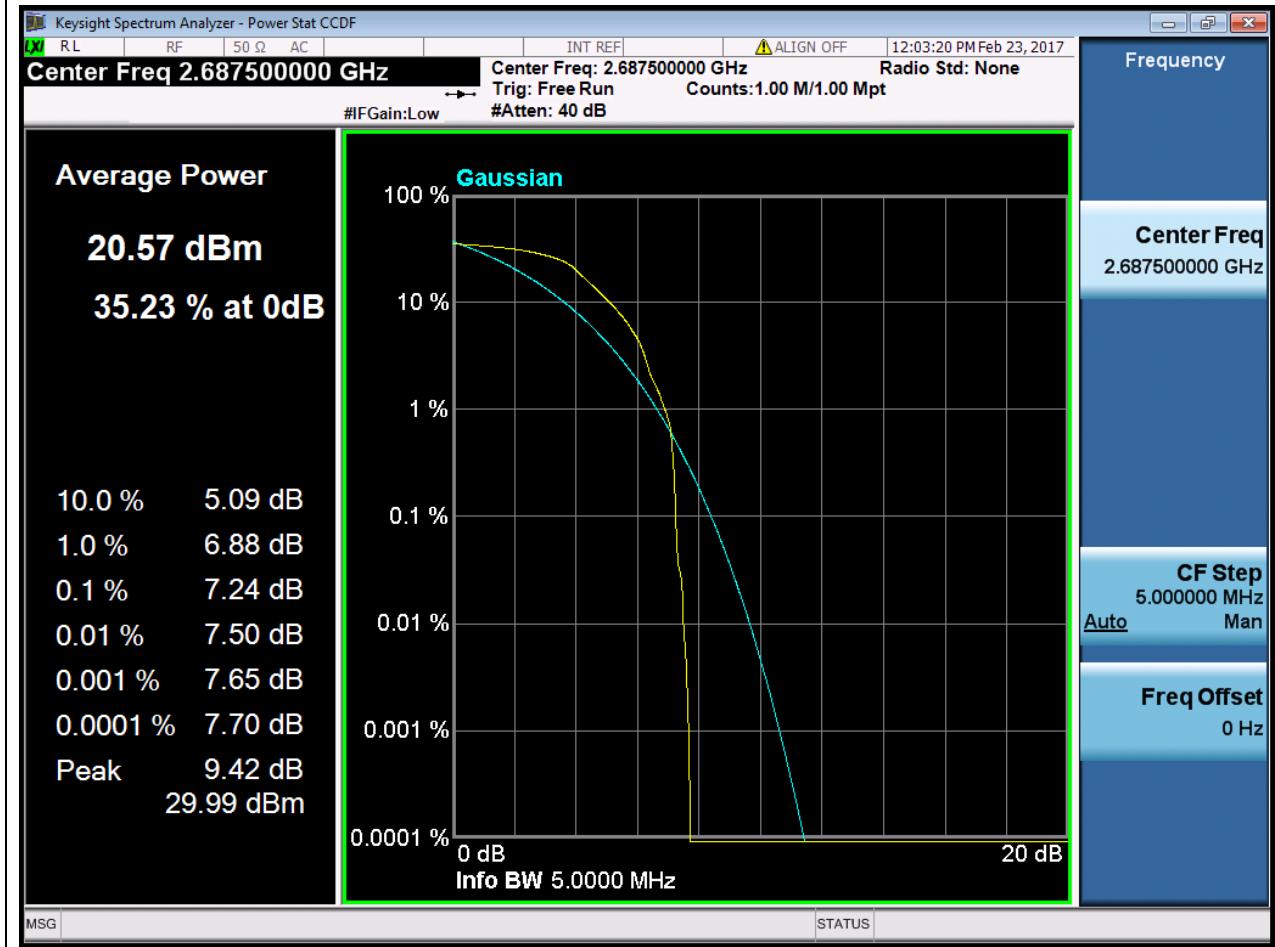
1.33. LTE Peak to Average Ratio(NTNV)(Subtest:33, Channel:41565, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2687.5	0.1	7.72	13	Pass

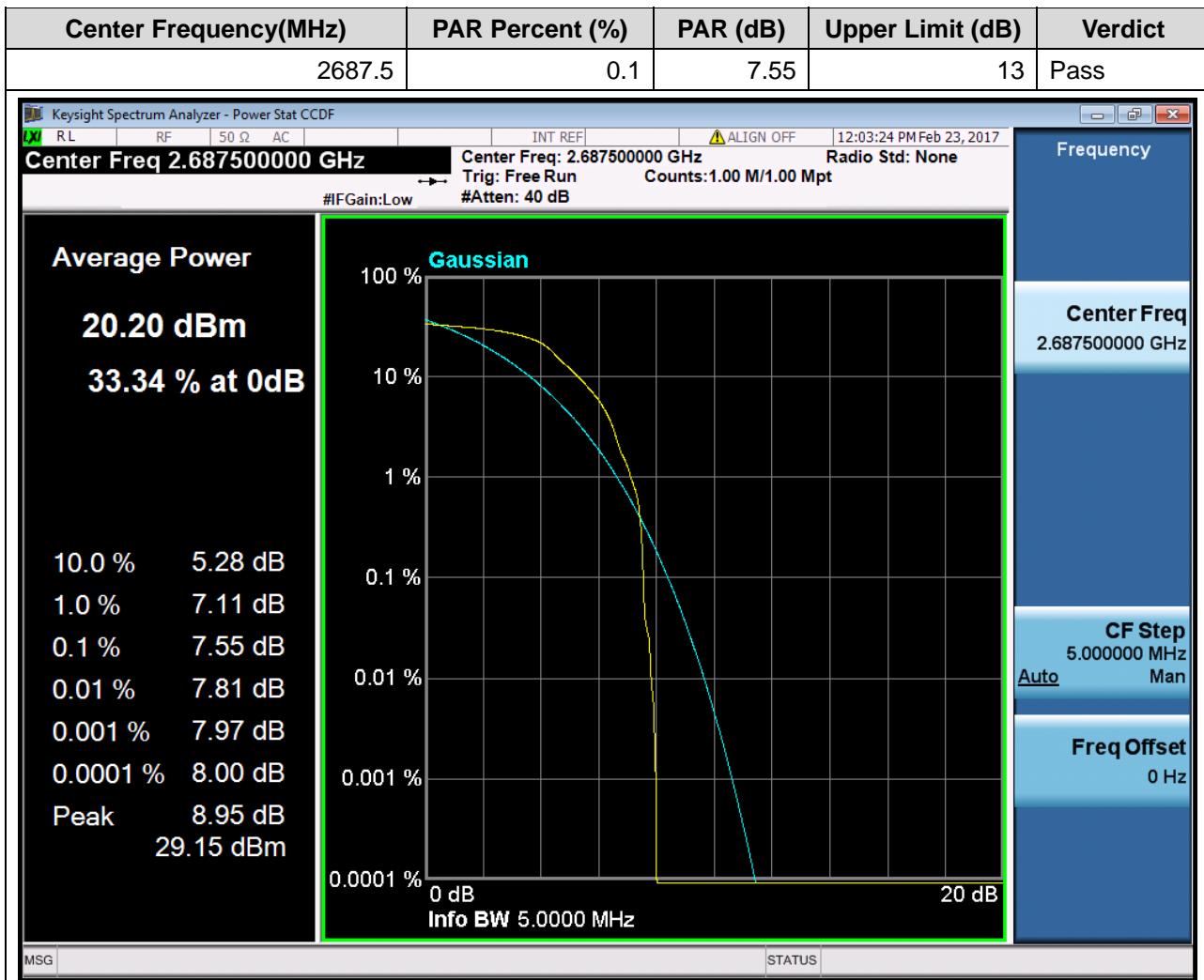


1.34. LTE Peak to Average Ratio(NTNV)(Subtest:34, Channel:41565, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2687.5	0.1	7.24	13	Pass

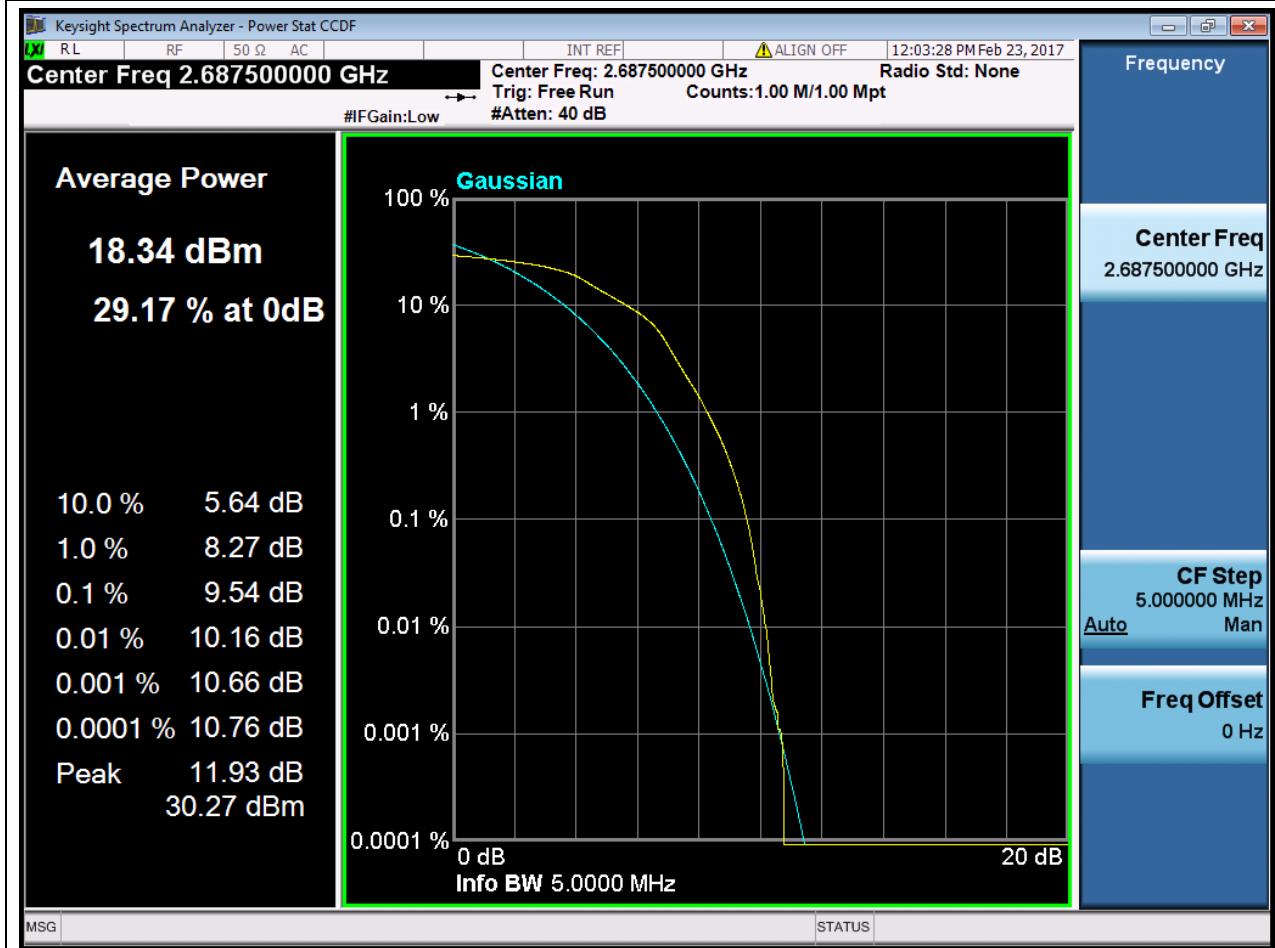


1.35. LTE Peak to Average Ratio(NTNV)(Subtest:35, Channel:41565, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)



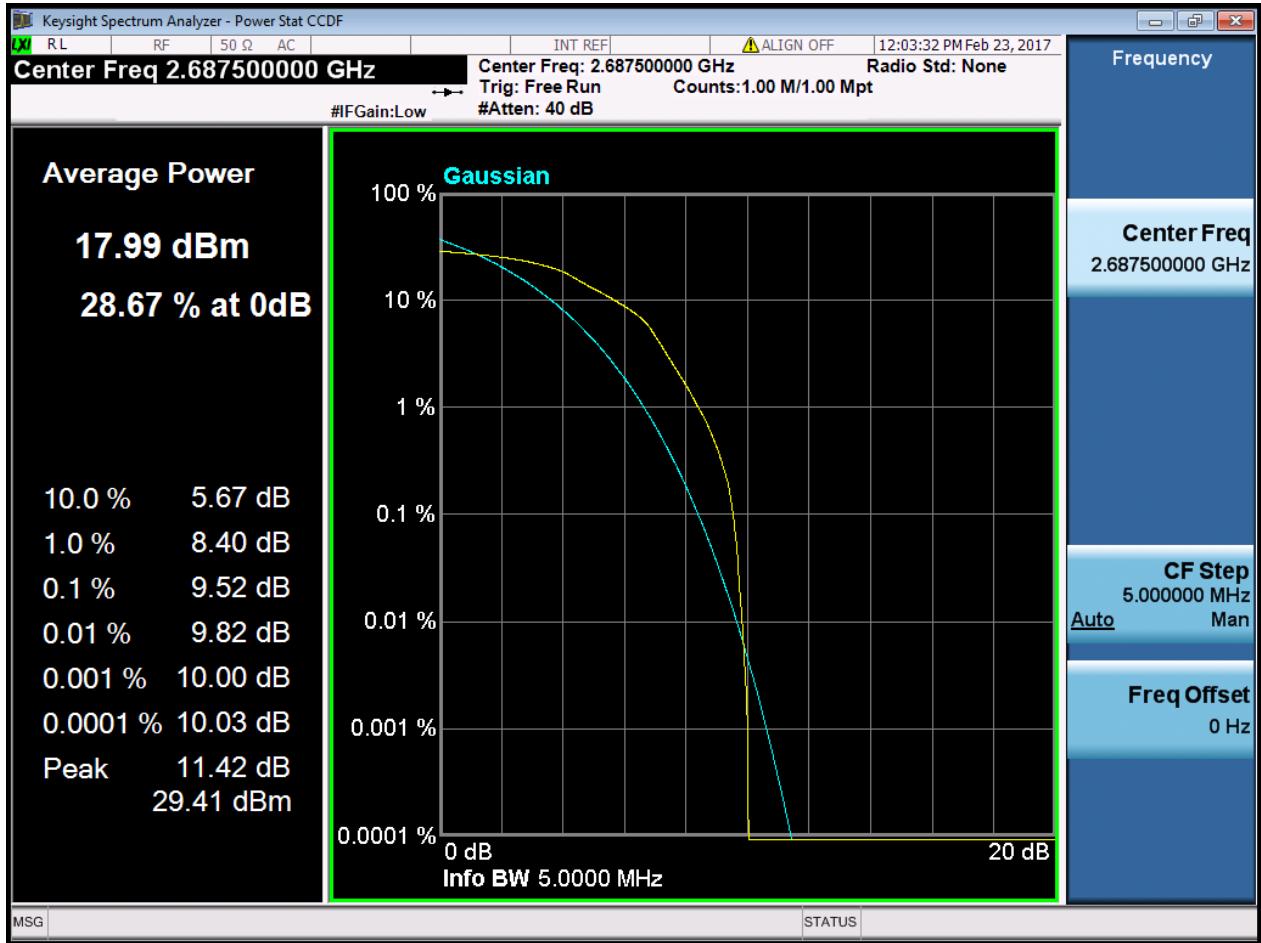
1.36. LTE Peak to Average Ratio(NTNV)(Subtest:36, Channel:41565, Bandwidth:5, Modulation:16QAM, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2687.5	0.1	9.54	13	Pass



1.37. LTE Peak to Average Ratio(NTNV)(Subtest:37, Channel:41565, Bandwidth:5, Modulation:16QAM, RB Number: 12, RB Position:LOW)

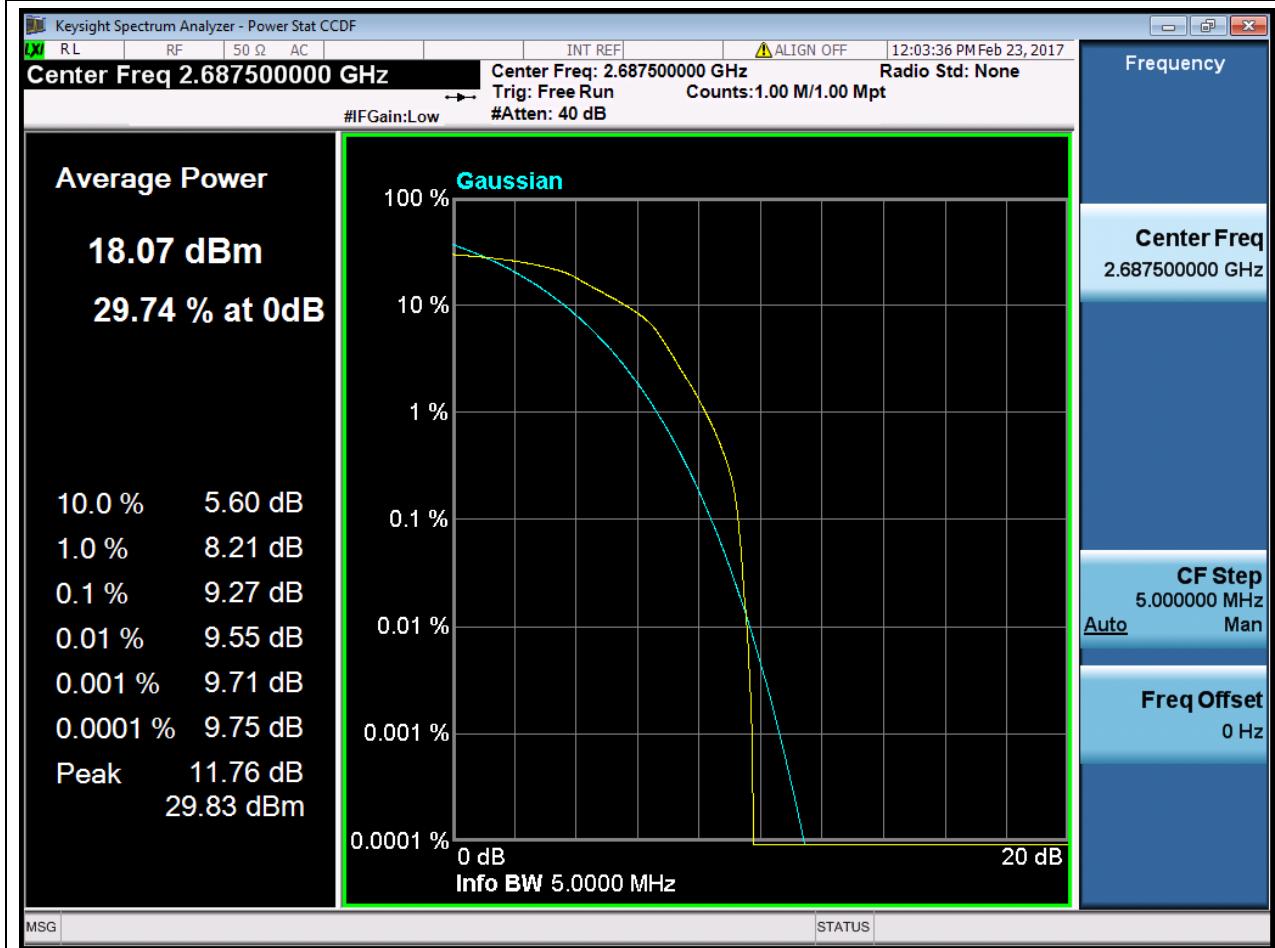
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2687.5	0.1	9.52	13	Pass



Average Power	
17.99 dBm	
28.67 % at 0dB	
10.0 %	5.67 dB
1.0 %	8.40 dB
0.1 %	9.52 dB
0.01 %	9.82 dB
0.001 %	10.00 dB
0.0001 %	10.03 dB
Peak	11.42 dB
	29.41 dBm

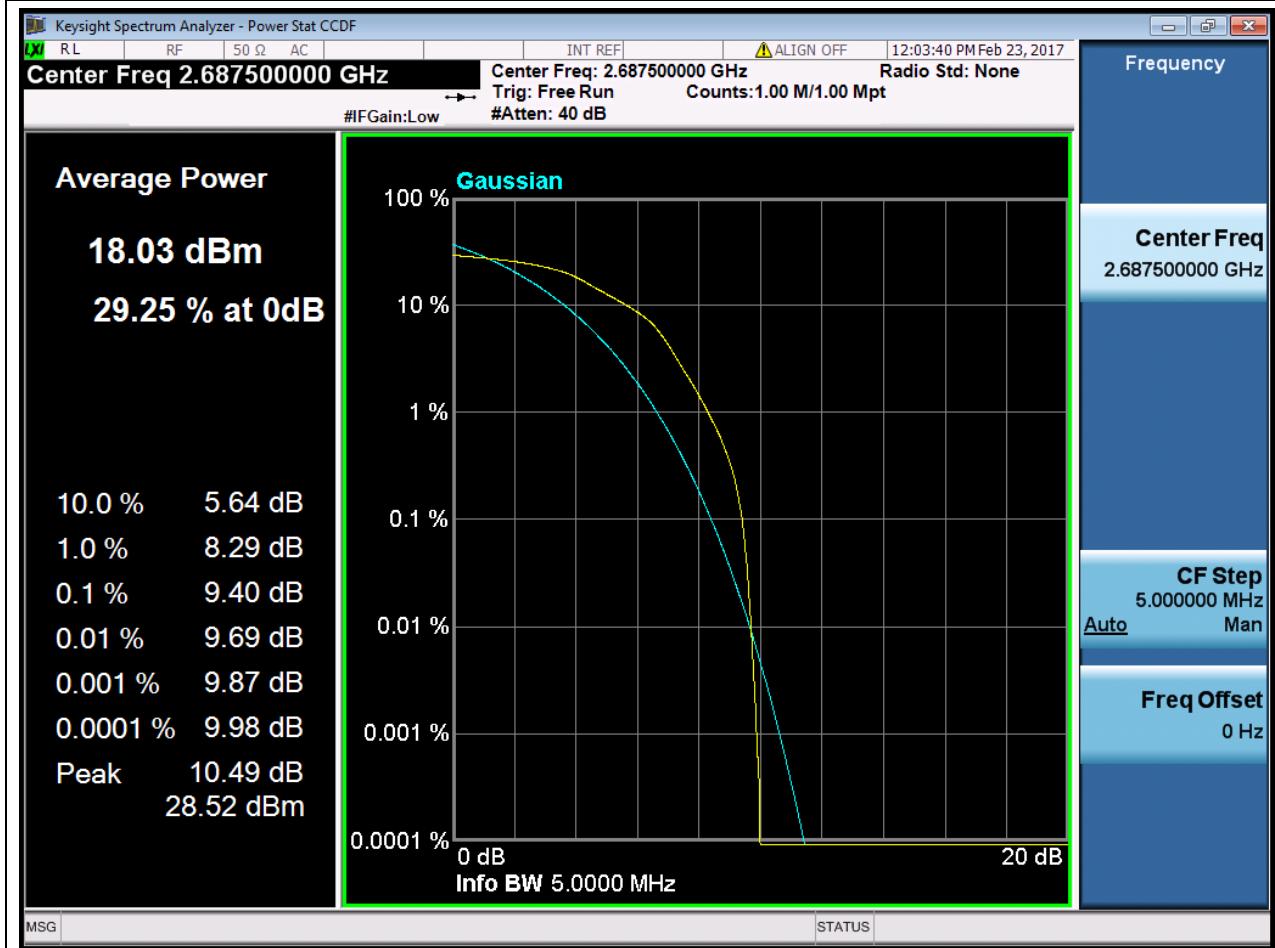
1.38. LTE Peak to Average Ratio(NTNV)(Subtest:38, Channel:41565, Bandwidth:5, Modulation:16QAM, RB Number: 12, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2687.5	0.1	9.27	13	Pass



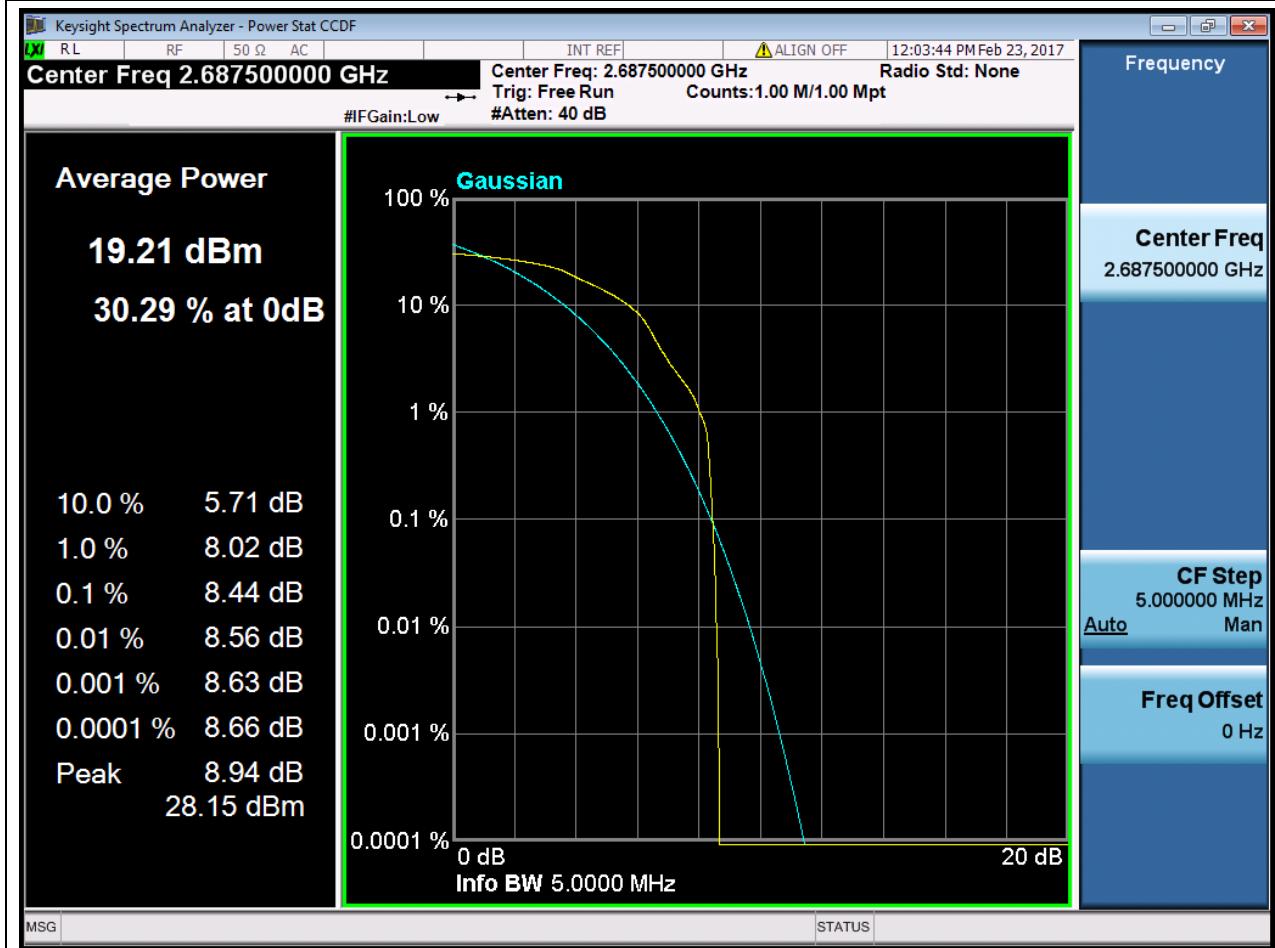
1.39. LTE Peak to Average Ratio(NTNV)(Subtest:39, Channel:41565, Bandwidth:5, Modulation:16QAM, RB Number: 12, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2687.5	0.1	9.4	13	Pass



1.40. LTE Peak to Average Ratio(NTNV)(Subtest:40, Channel:41565, Bandwidth:5, Modulation:16QAM, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2687.5	0.1	8.44	13	Pass



1.41. LTE Peak to Average Ratio(NTNV)(Subtest:41, Channel:41565, Bandwidth:5, Modulation:16QAM, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2687.5	0.1	8.35	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 12:03:48 PM Feb 23, 2017

Center Freq 2.687500000 GHz Center Freq: 2.687500000 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power
19.16 dBm
30.61 % at 0dB

10.0 % 5.69 dB
1.0 % 7.96 dB
0.1 % 8.35 dB
0.01 % 8.48 dB
0.001 % 8.51 dB
0.0001 % 8.53 dB
Peak 8.79 dB
27.95 dBm

Gaussian



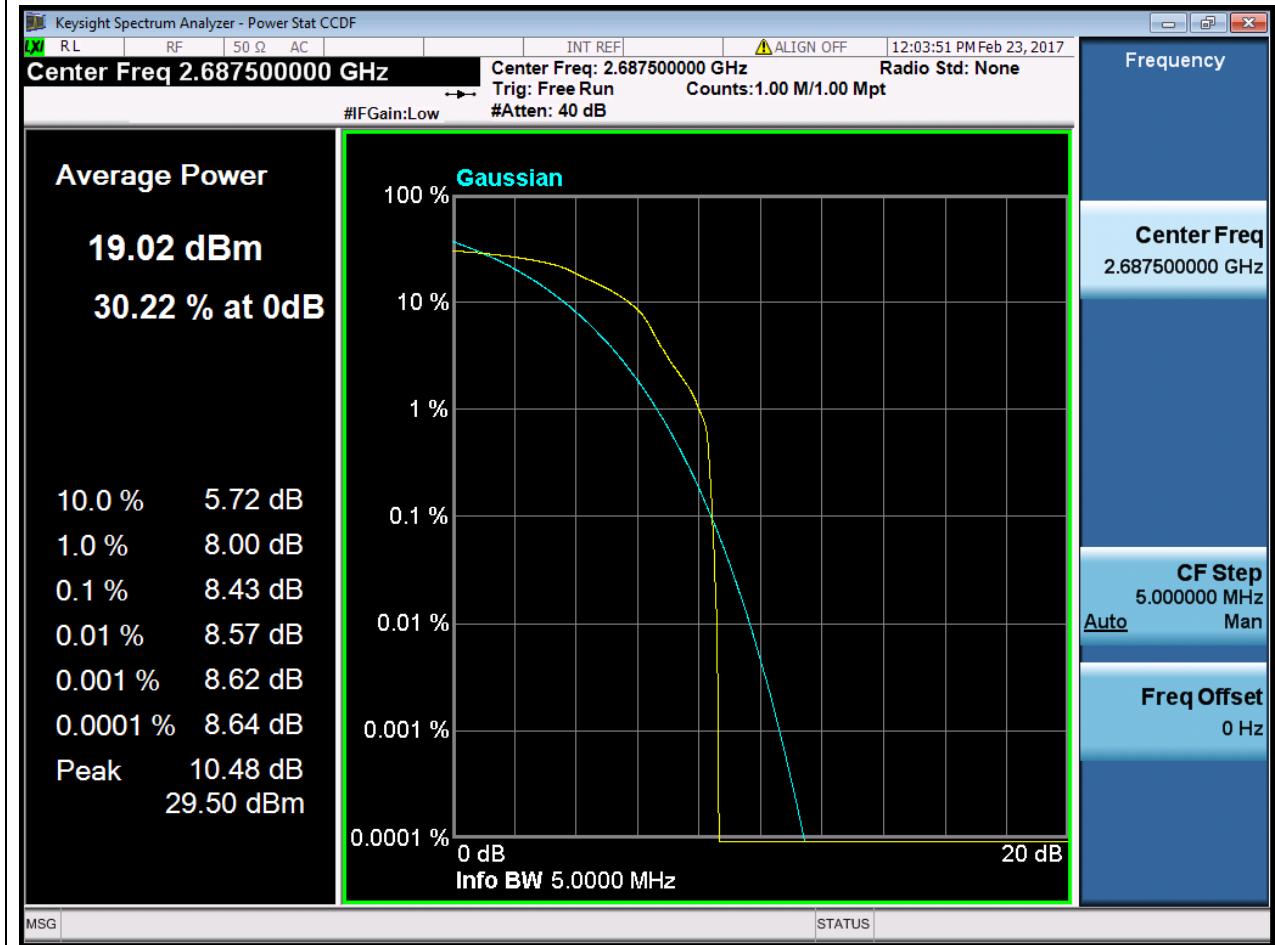
0.0001 % 0 dB 20 dB
Info BW 5.0000 MHz

Frequency
Center Freq 2.687500000 GHz
CF Step 5.000000 MHz Man
Freq Offset 0 Hz

MSG STATUS

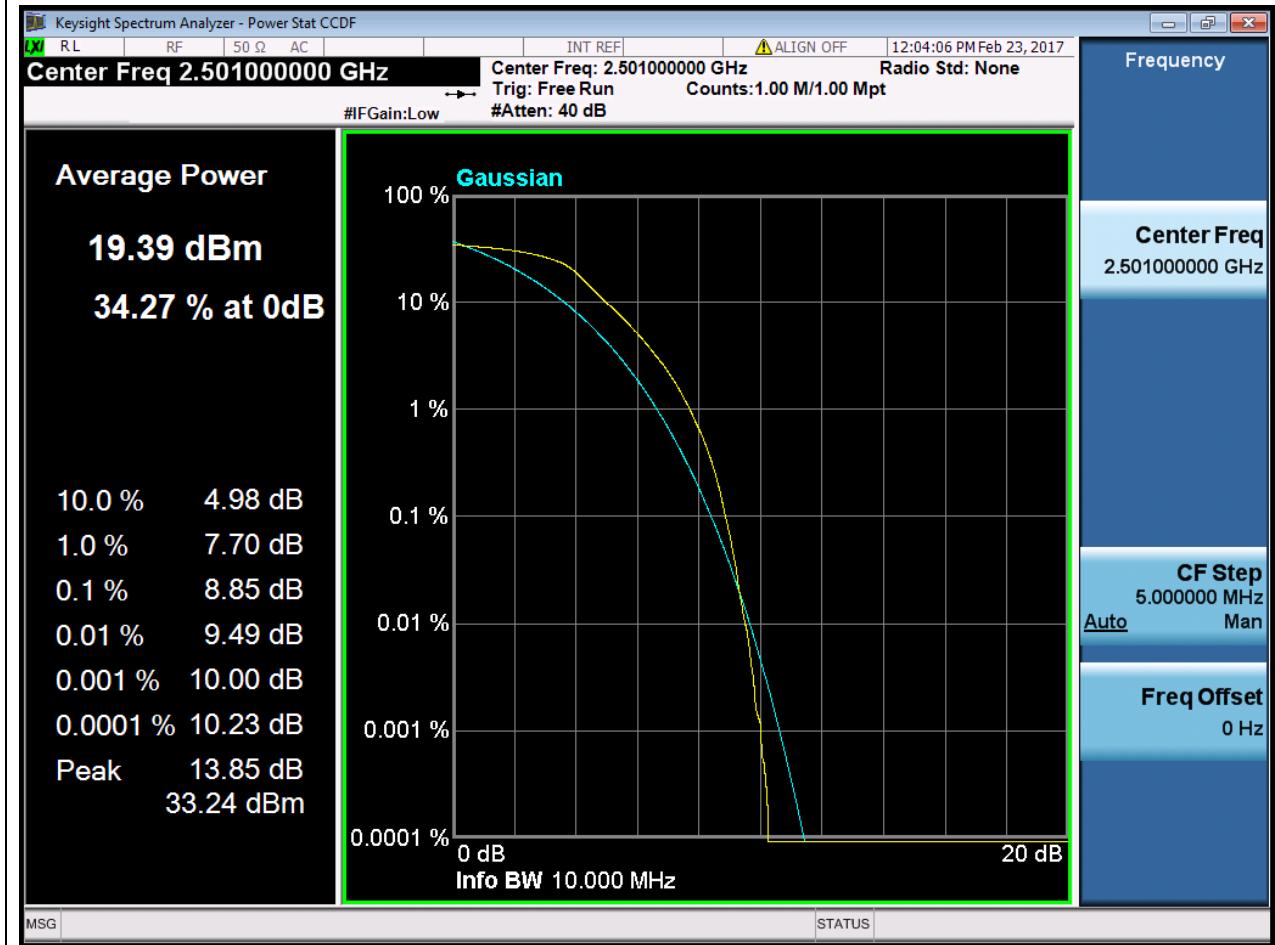
1.42. LTE Peak to Average Ratio(NTNV)(Subtest:42, Channel:41565, Bandwidth:5, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2687.5	0.1	8.43	13	Pass



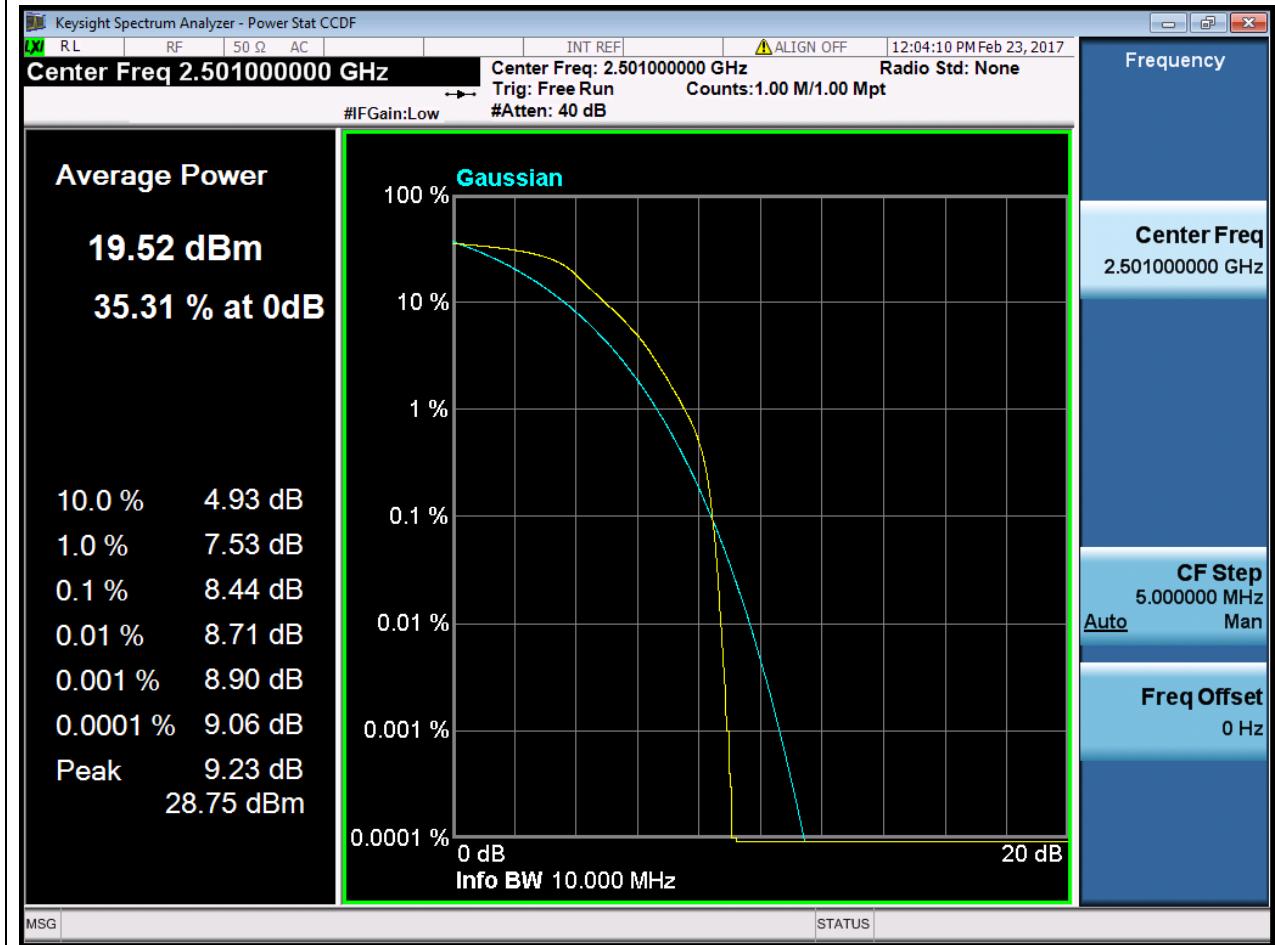
1.43. LTE Peak to Average Ratio(NTNV)(Subtest:43, Channel:39700, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2501	0.1	8.85	13	Pass



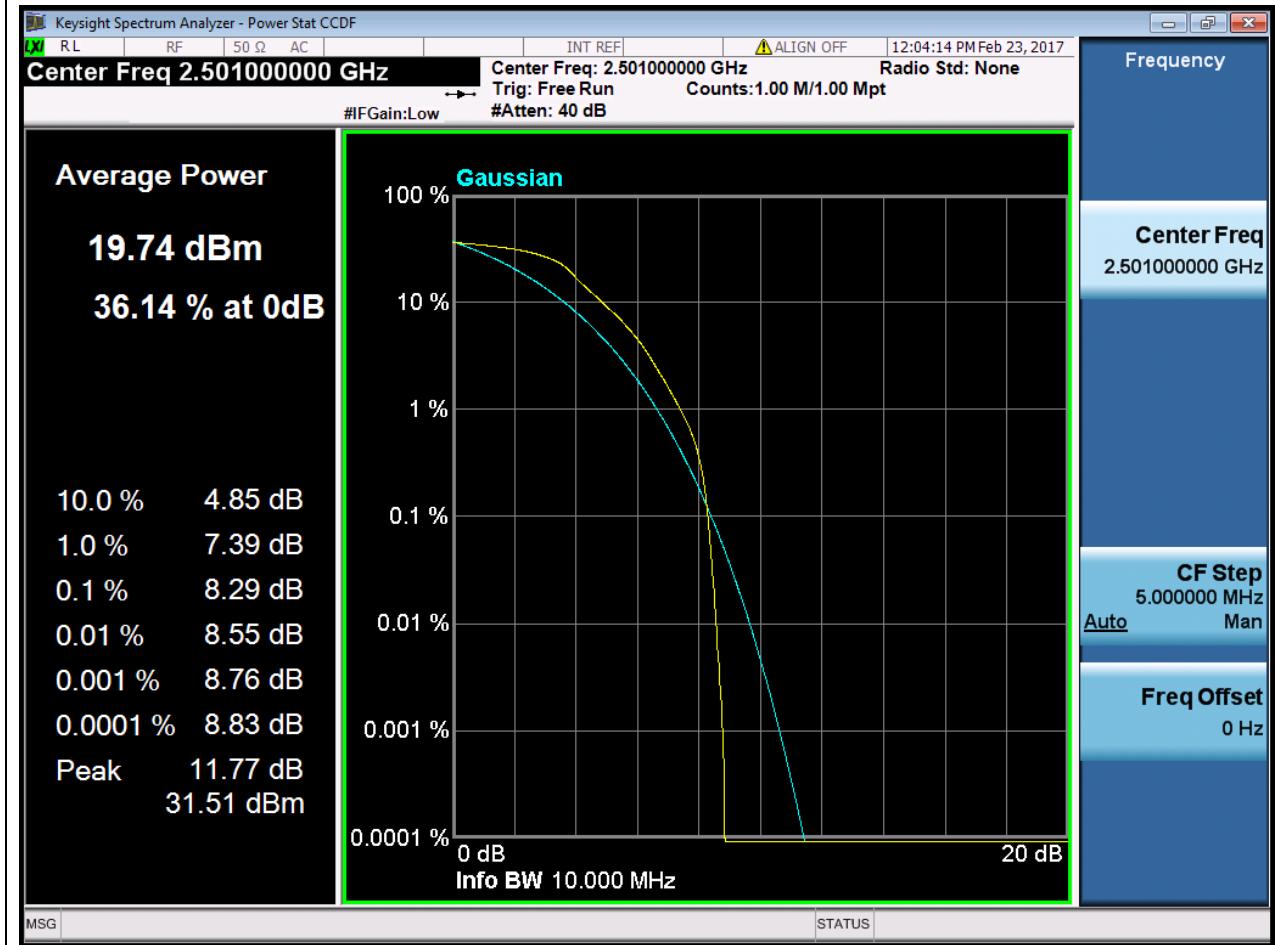
1.44. LTE Peak to Average Ratio(NTNV)(Subtest:44, Channel:39700, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2501	0.1	8.44	13	Pass



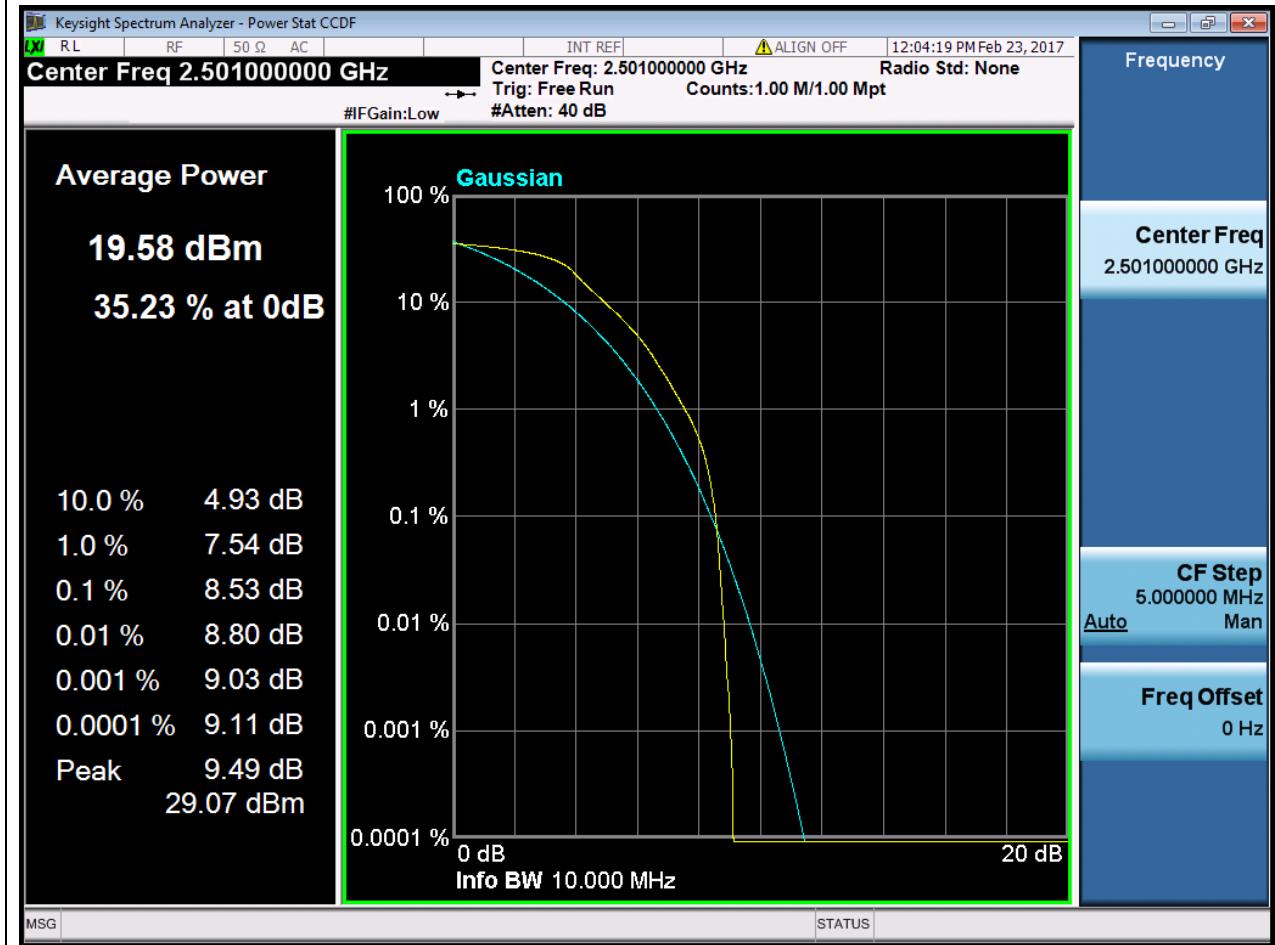
1.45. LTE Peak to Average Ratio(NTNV)(Subtest:45, Channel:39700, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2501	0.1	8.29	13	Pass



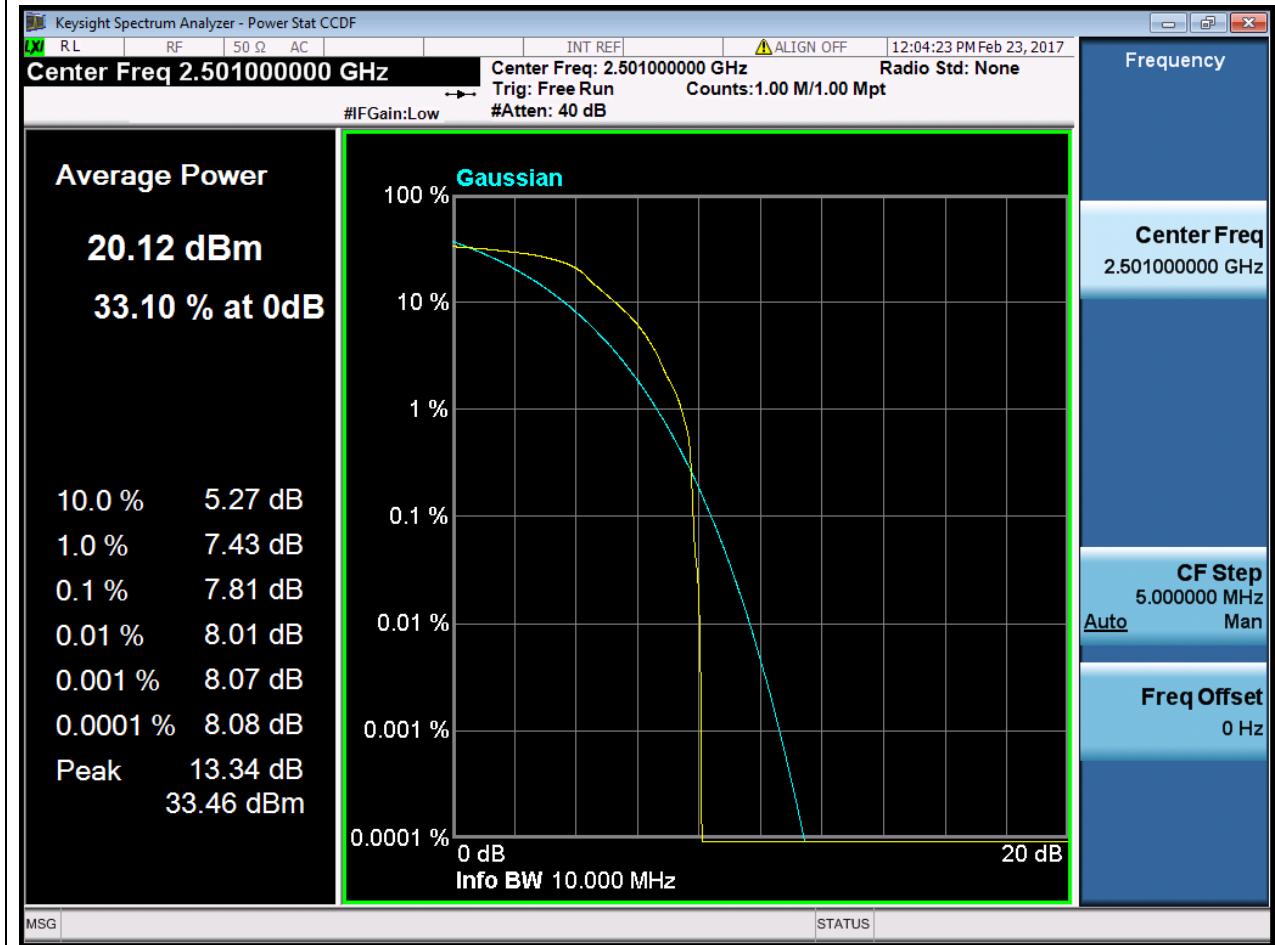
1.46. LTE Peak to Average Ratio(NTNV)(Subtest:46, Channel:39700, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2501	0.1	8.53	13	Pass



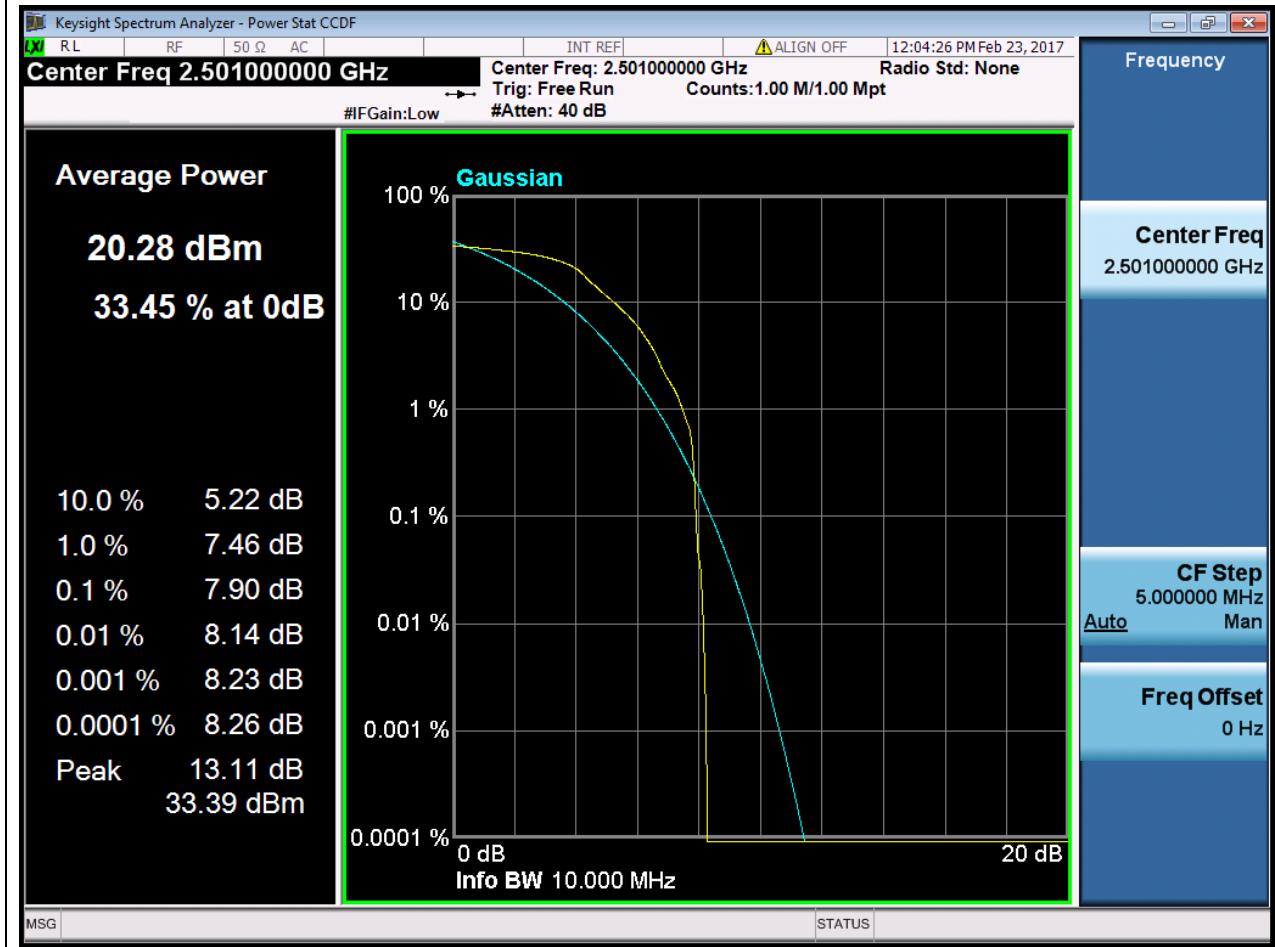
1.47. LTE Peak to Average Ratio(NTNV)(Subtest:47, Channel:39700, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2501	0.1	7.81	13	Pass



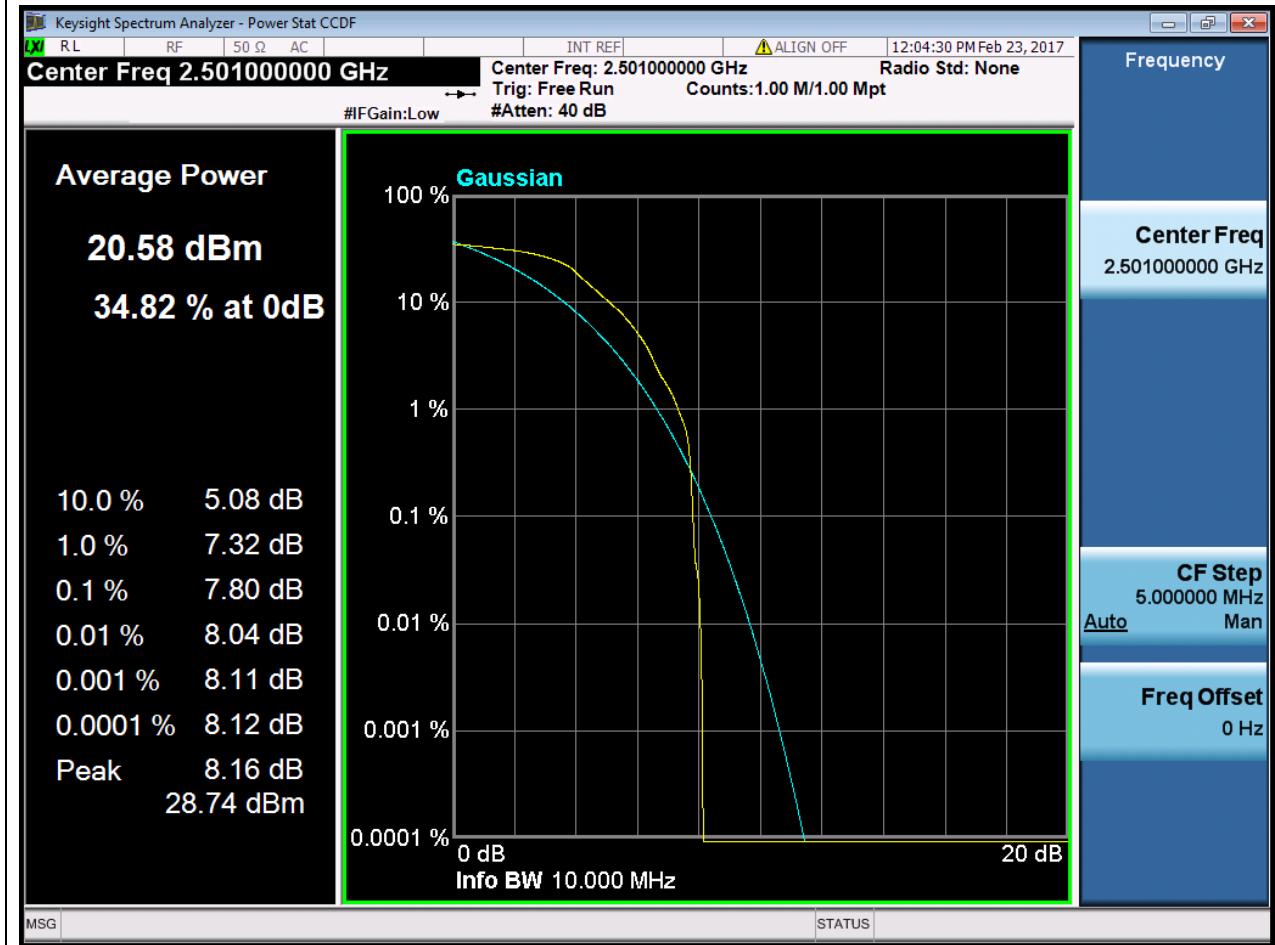
1.48. LTE Peak to Average Ratio(NTNV)(Subtest:48, Channel:39700, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2501	0.1	7.9	13	Pass



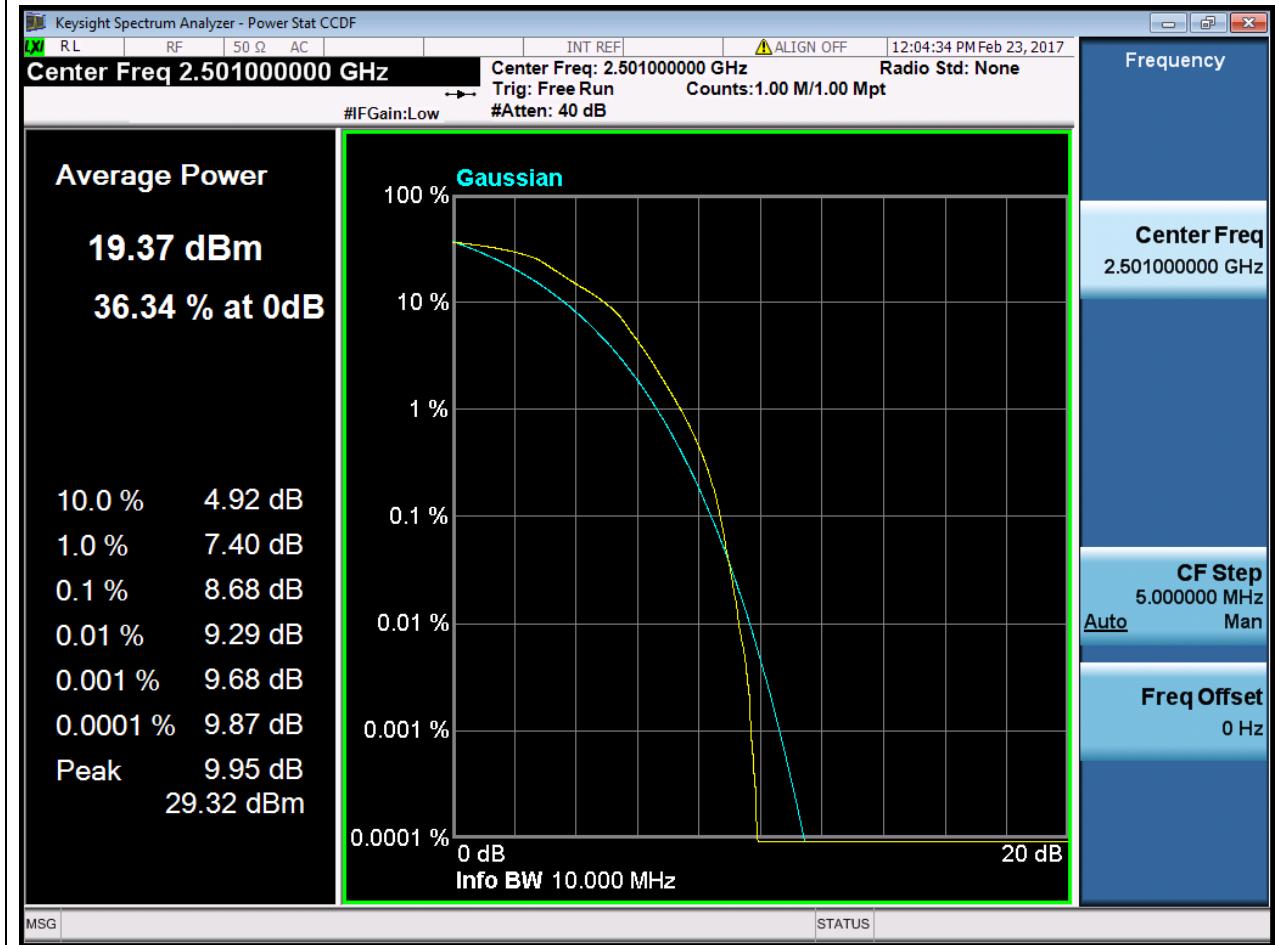
1.49. LTE Peak to Average Ratio(NTNV)(Subtest:49, Channel:39700, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2501	0.1	7.8	13	Pass



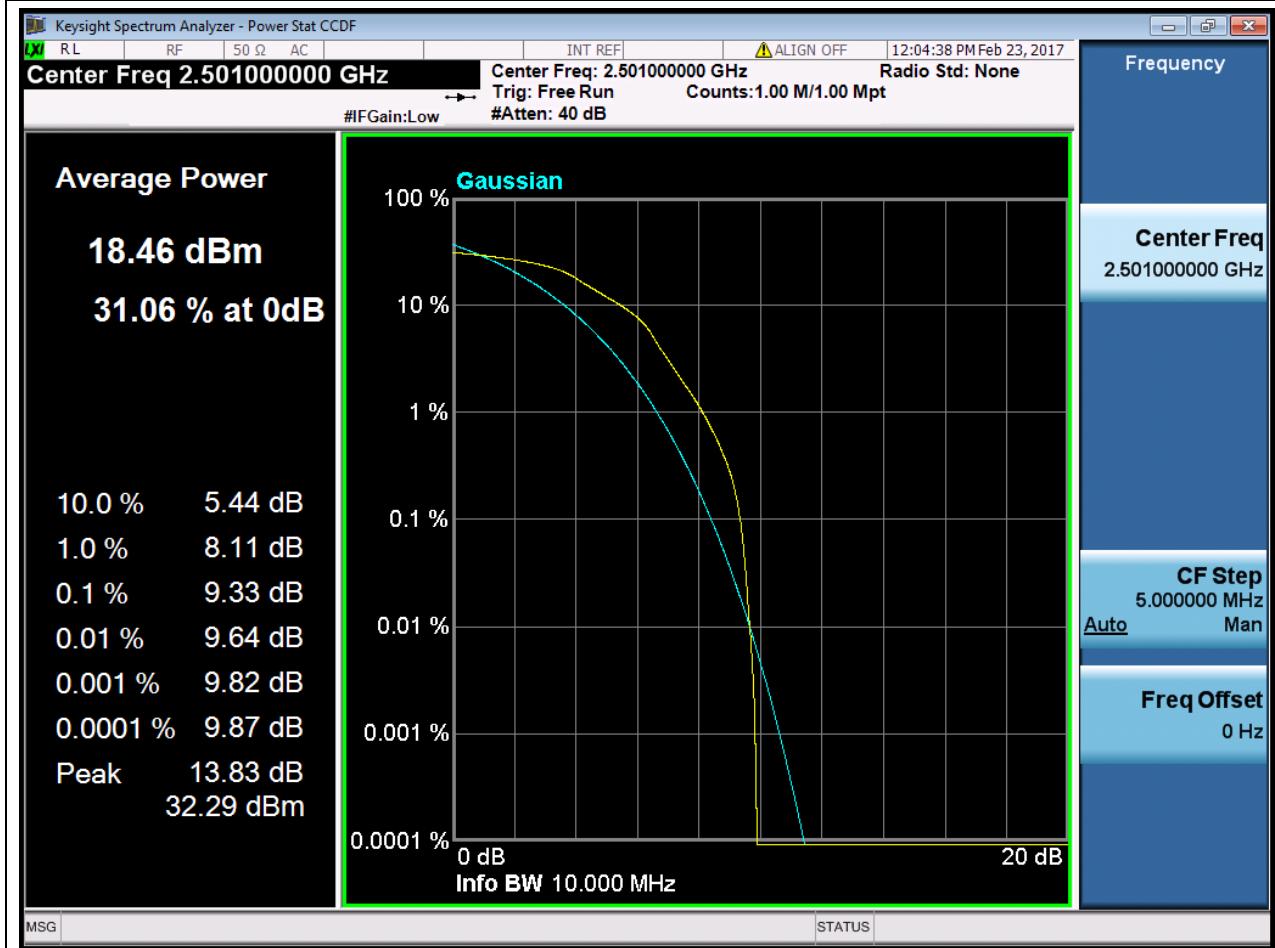
1.50. LTE Peak to Average Ratio(NTNV)(Subtest:50, Channel:39700, Bandwidth:10, Modulation:16QAM, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2501	0.1	8.68	13	Pass



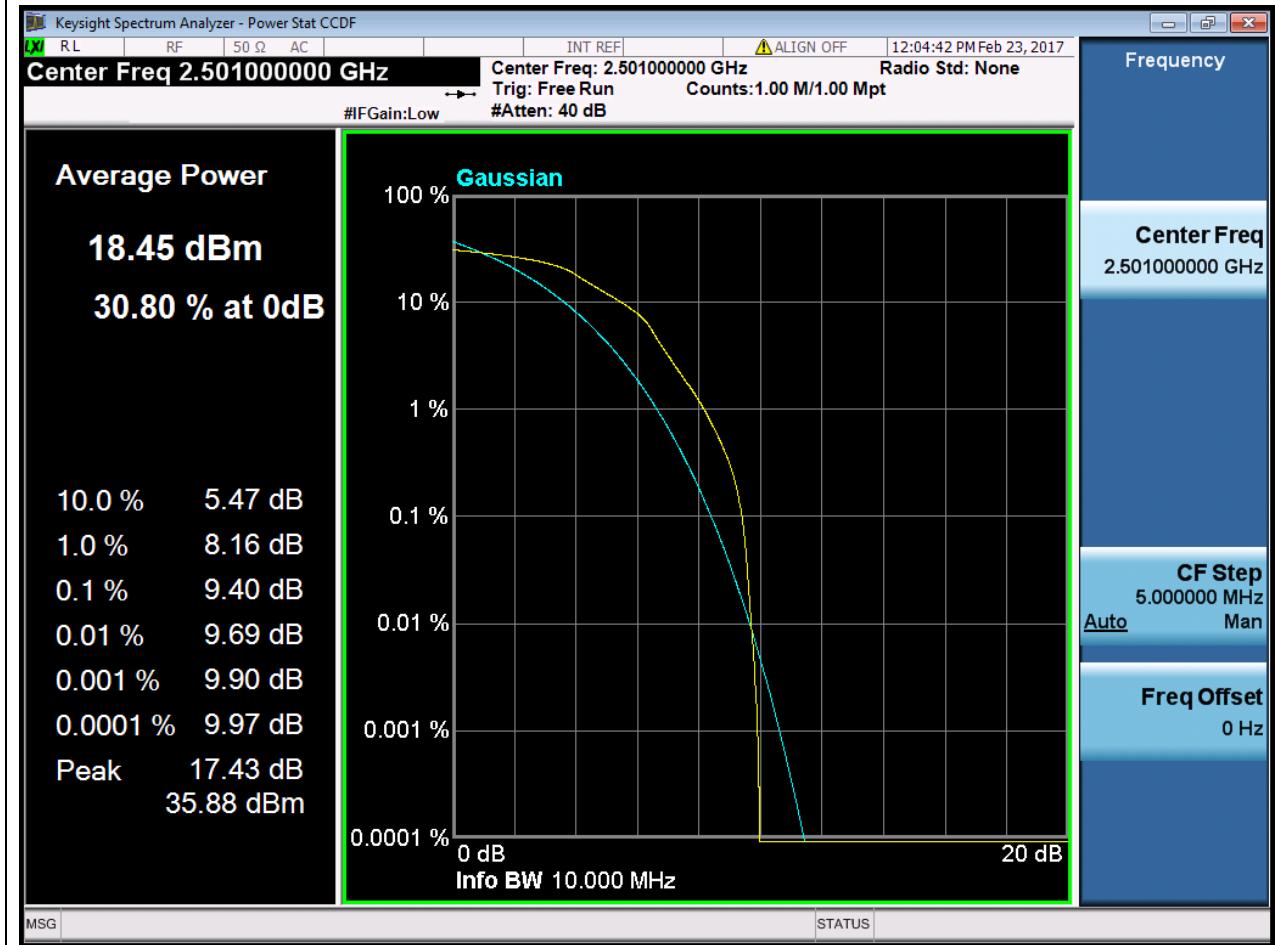
1.51. LTE Peak to Average Ratio(NTNV)(Subtest:51, Channel:39700, Bandwidth:10, Modulation:16QAM, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2501	0.1	9.33	13	Pass



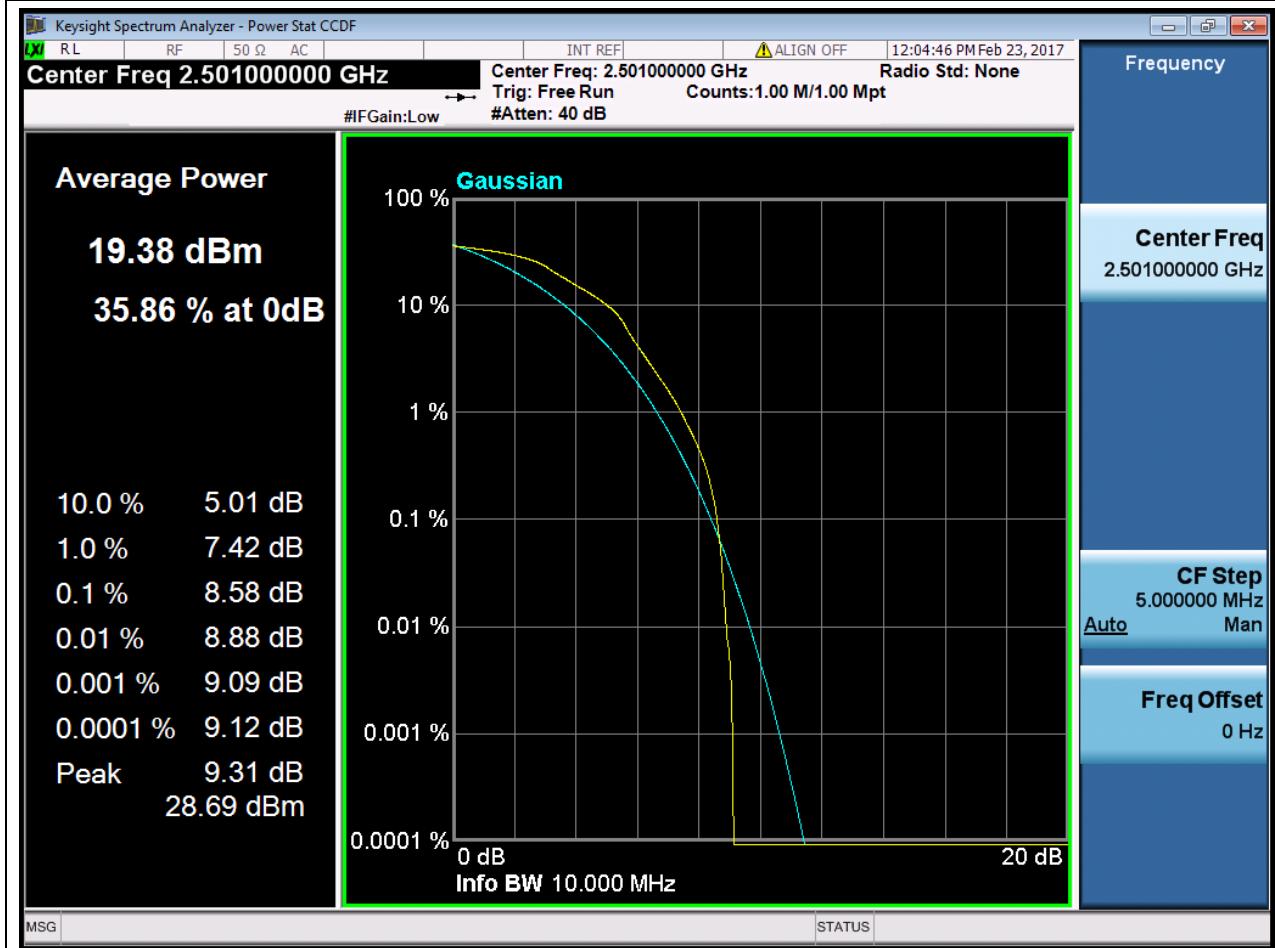
1.52. LTE Peak to Average Ratio(NTNV)(Subtest:52, Channel:39700, Bandwidth:10, Modulation:16QAM, RB Number: 25, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2501	0.1	9.4	13	Pass



1.53. LTE Peak to Average Ratio(NTNV)(Subtest:53, Channel:39700, Bandwidth:10, Modulation:16QAM, RB Number: 25, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2501	0.1	8.58	13	Pass



1.54. LTE Peak to Average Ratio(NTNV)(Subtest:54, Channel:39700, Bandwidth:10, Modulation:16QAM, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2501	0.1	8.01	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 12:04:50 PM Feb 23, 2017

Center Freq 2.501000000 GHz Center Freq: 2.501000000 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power 20.14 dBm
31.30 % at 0dB

10.0 % 5.70 dB
1.0 % 7.64 dB
0.1 % 8.01 dB
0.01 % 8.19 dB
0.001 % 8.26 dB
0.0001 % 8.31 dB
Peak 11.35 dB
31.49 dBm

Gaussian



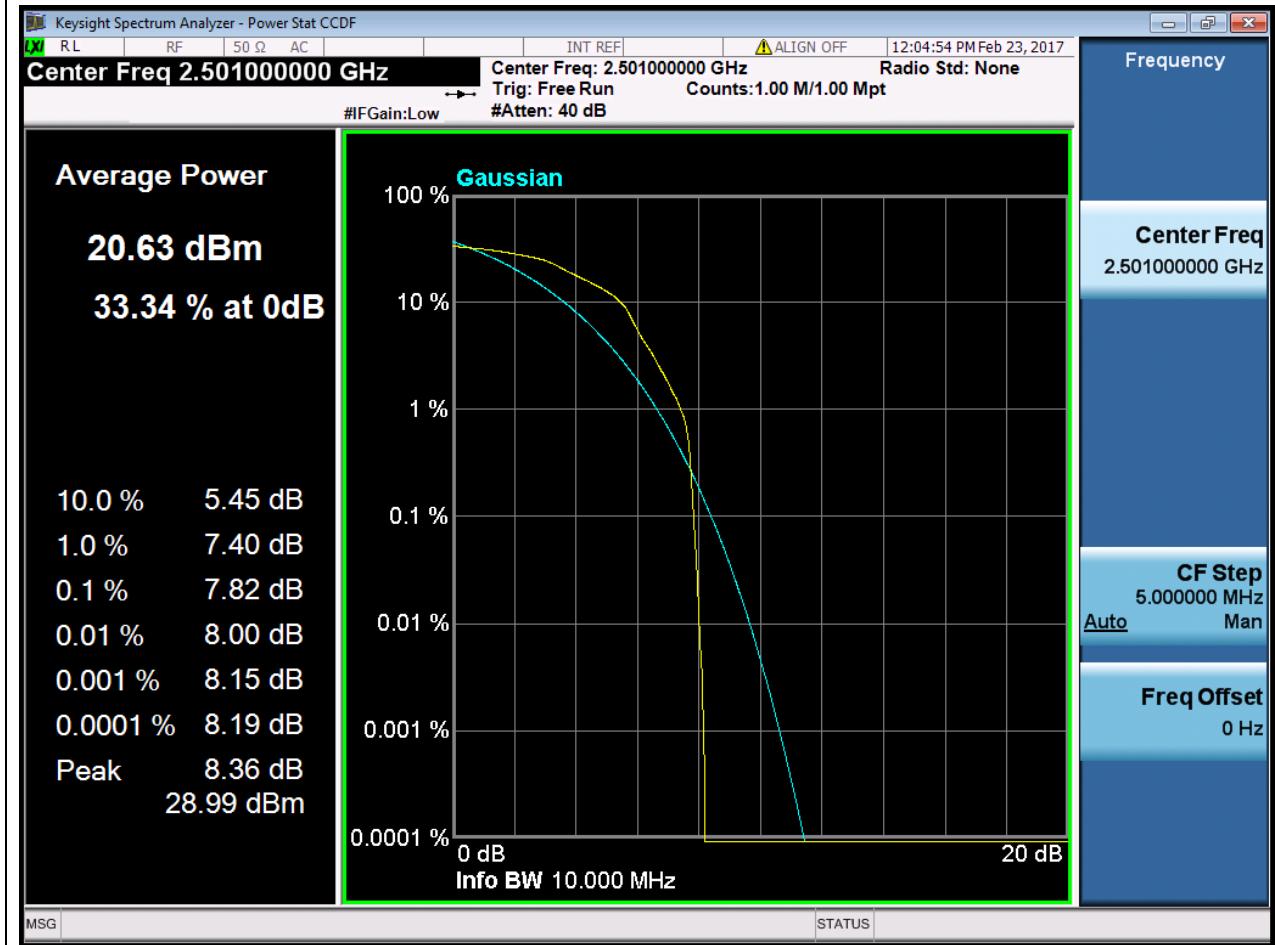
0 dB 20 dB Info BW 10.000 MHz

Frequency
Center Freq 2.501000000 GHz
CF Step 5.000000 MHz Man
Auto
Freq Offset 0 Hz

MSG STATUS

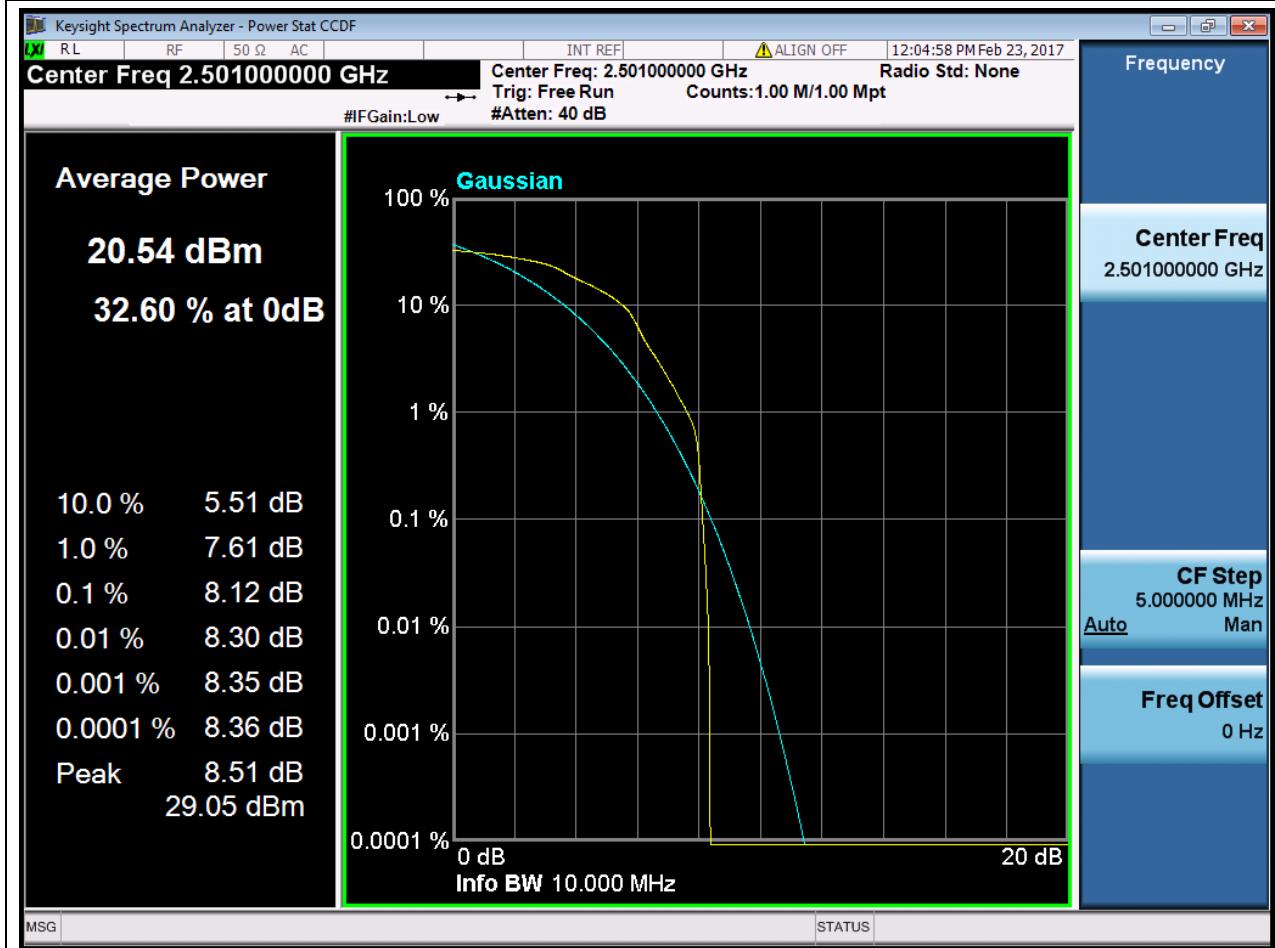
1.55. LTE Peak to Average Ratio(NTNV)(Subtest:55, Channel:39700, Bandwidth:10, Modulation:16QAM, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2501	0.1	7.82	13	Pass



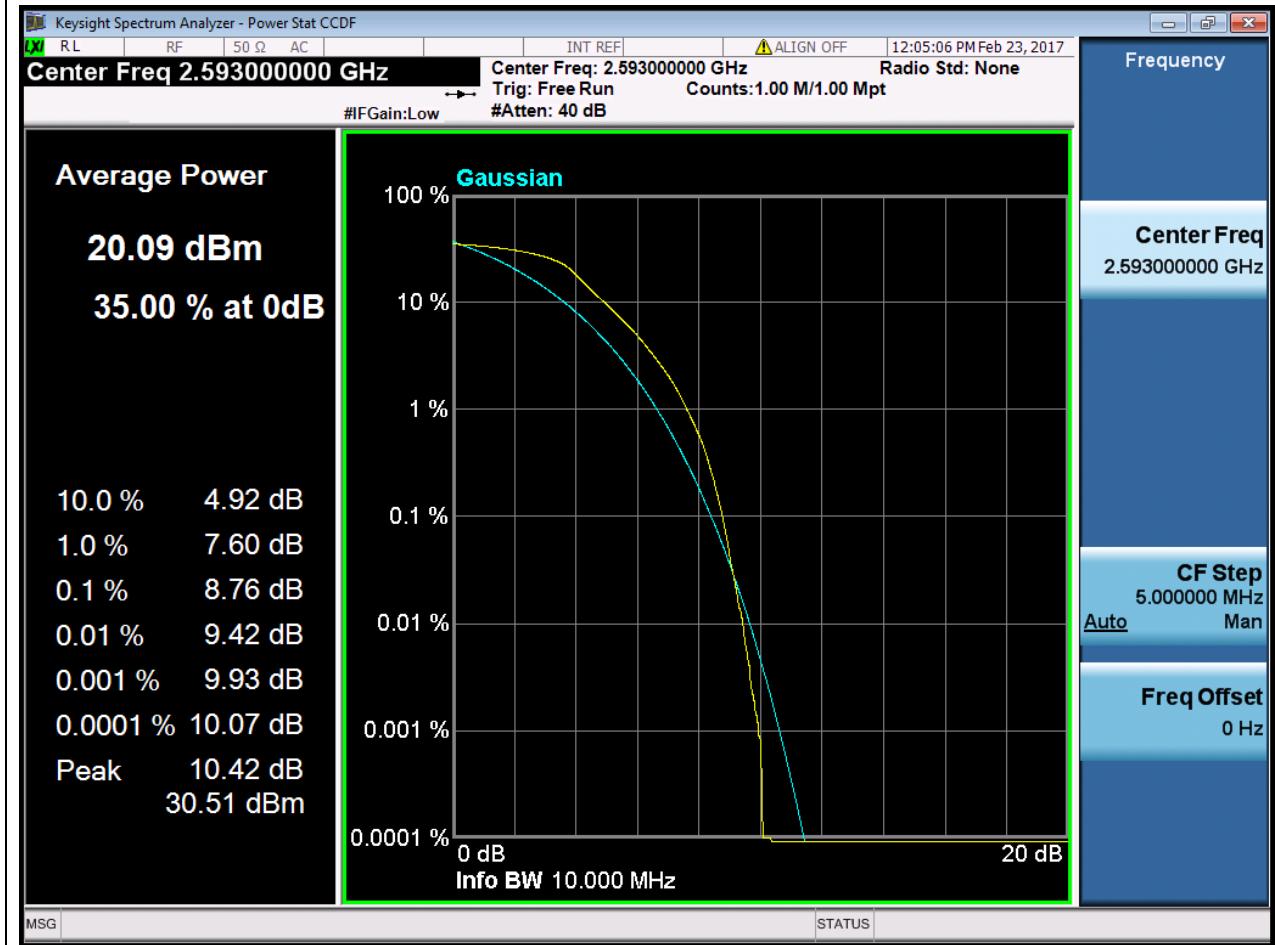
1.56. LTE Peak to Average Ratio(NTNV)(Subtest:56, Channel:39700, Bandwidth:10, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2501	0.1	8.12	13	Pass



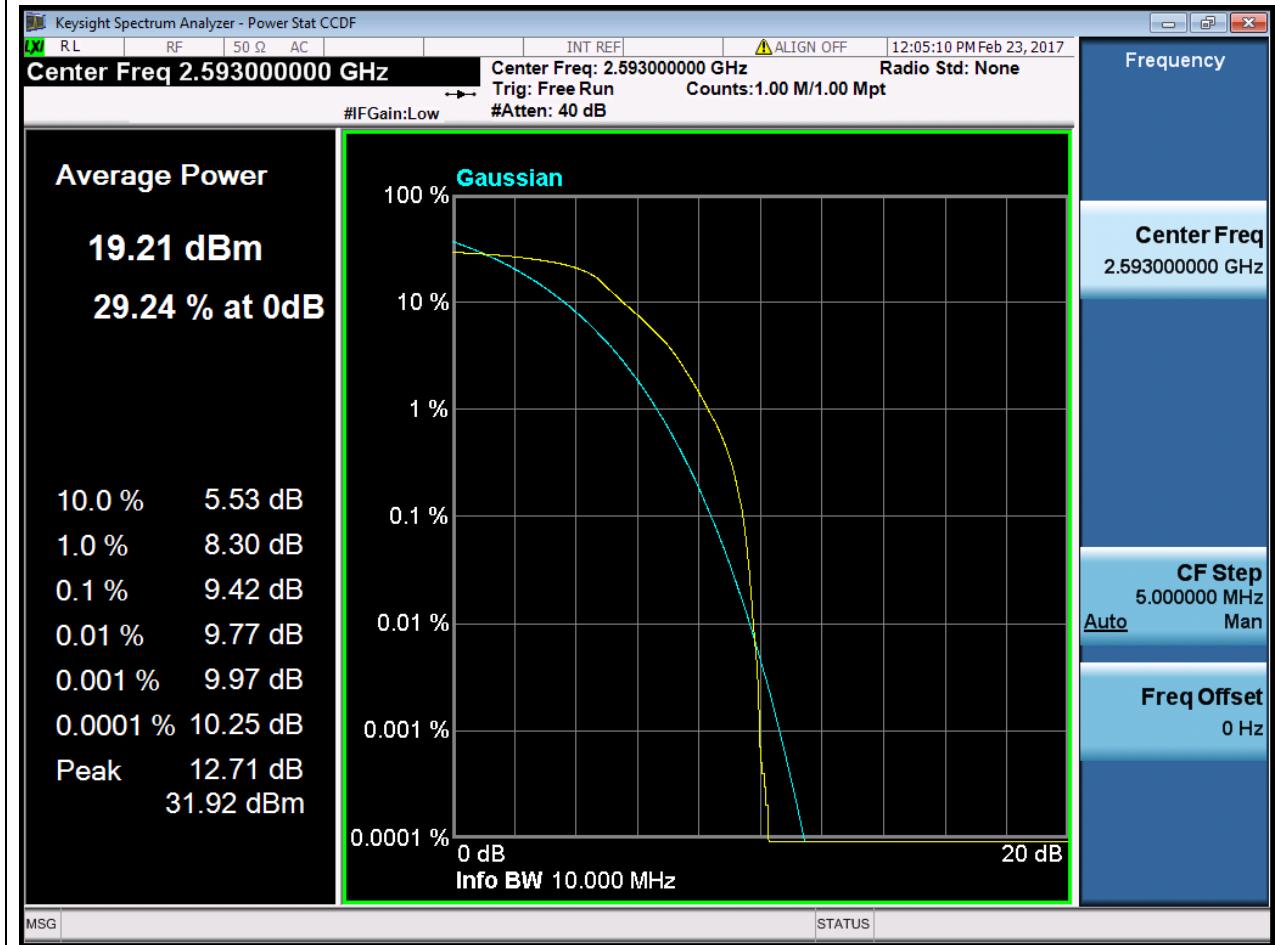
1.57. LTE Peak to Average Ratio(NTNV)(Subtest:57, Channel:40620, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2593	0.1	8.76	13	Pass



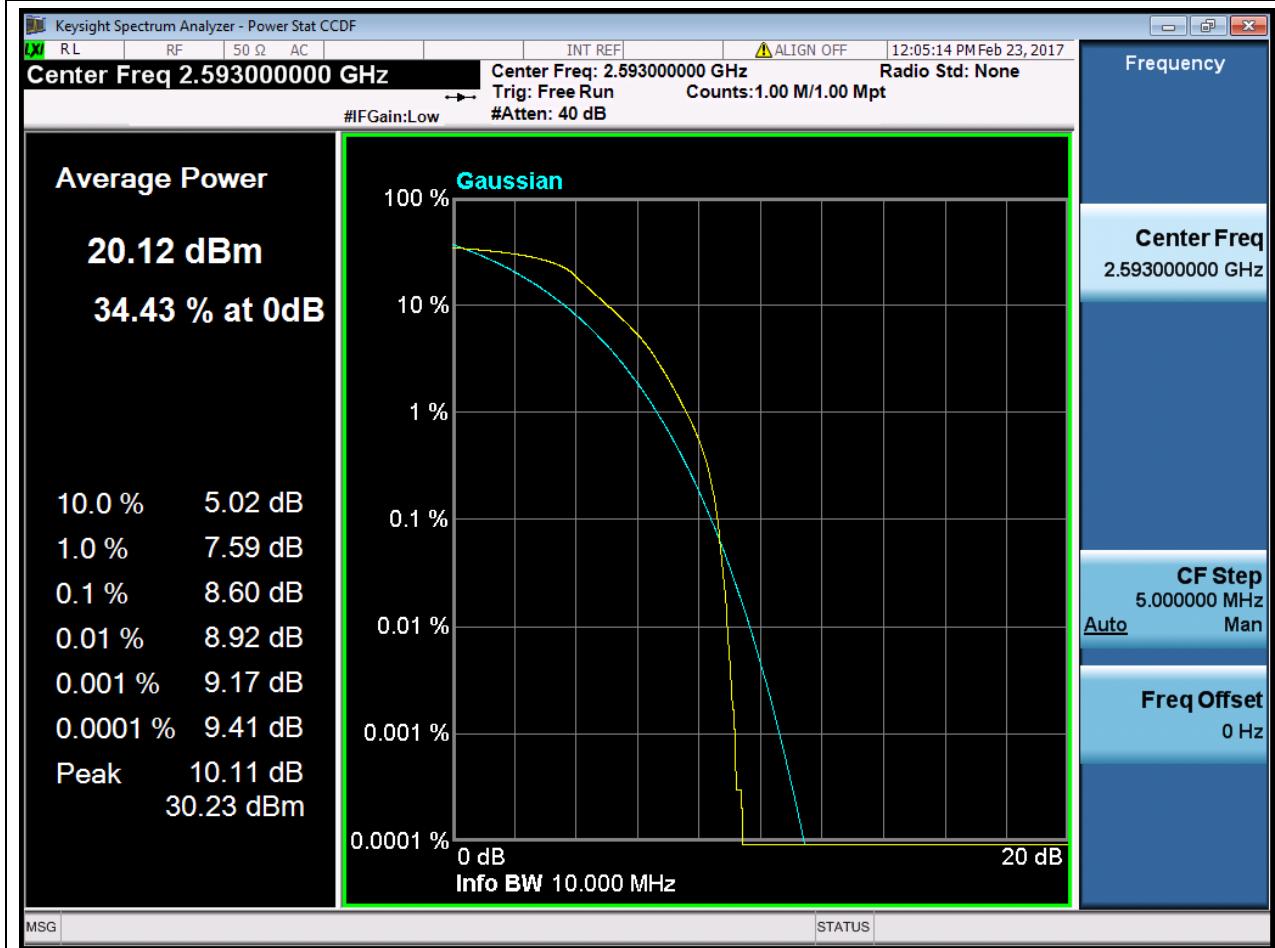
1.58. LTE Peak to Average Ratio(NTNV)(Subtest:58, Channel:40620, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2593	0.1	9.42	13	Pass



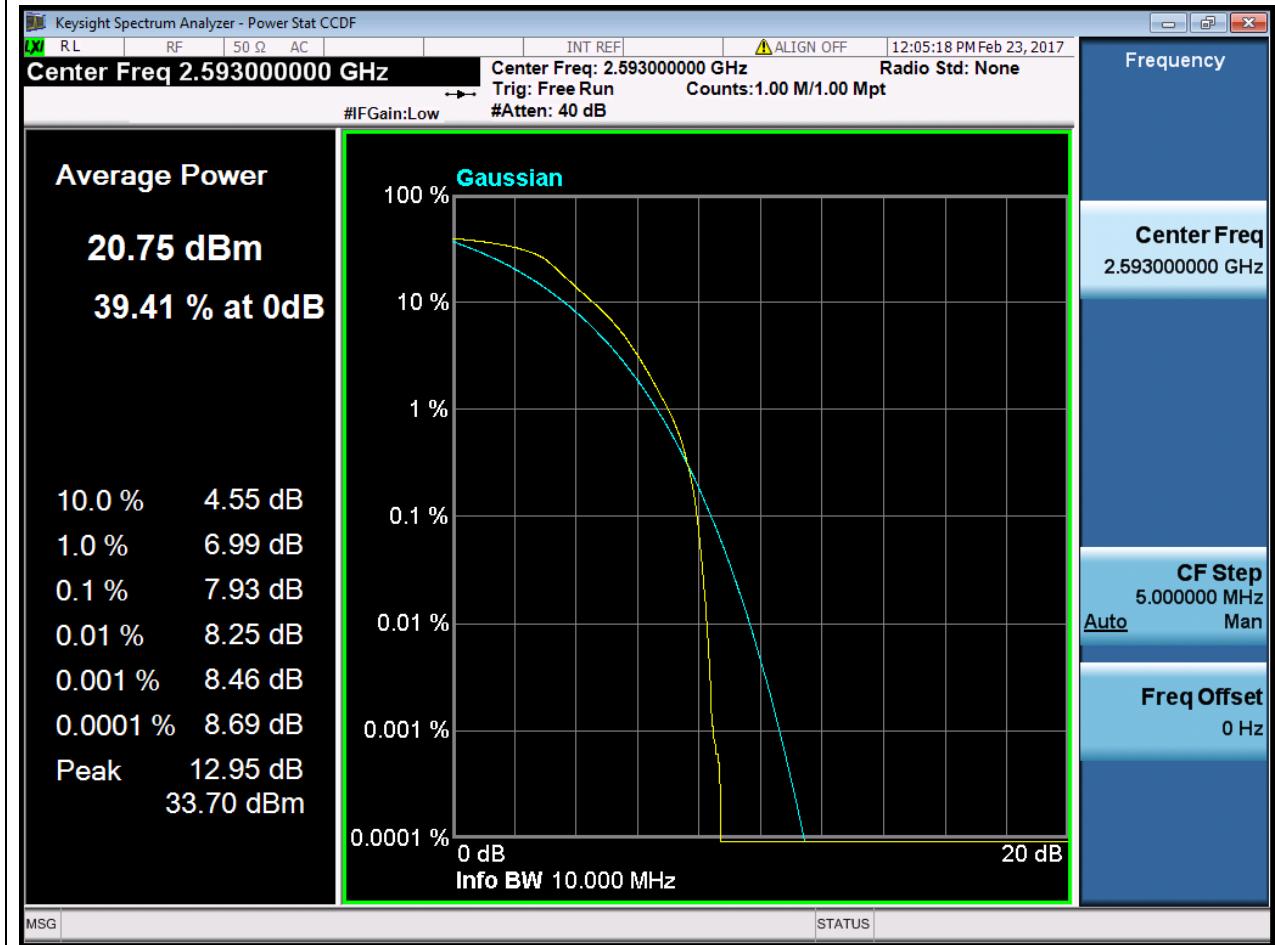
1.59. LTE Peak to Average Ratio(NTNV)(Subtest:59, Channel:40620, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2593	0.1	8.6	13	Pass



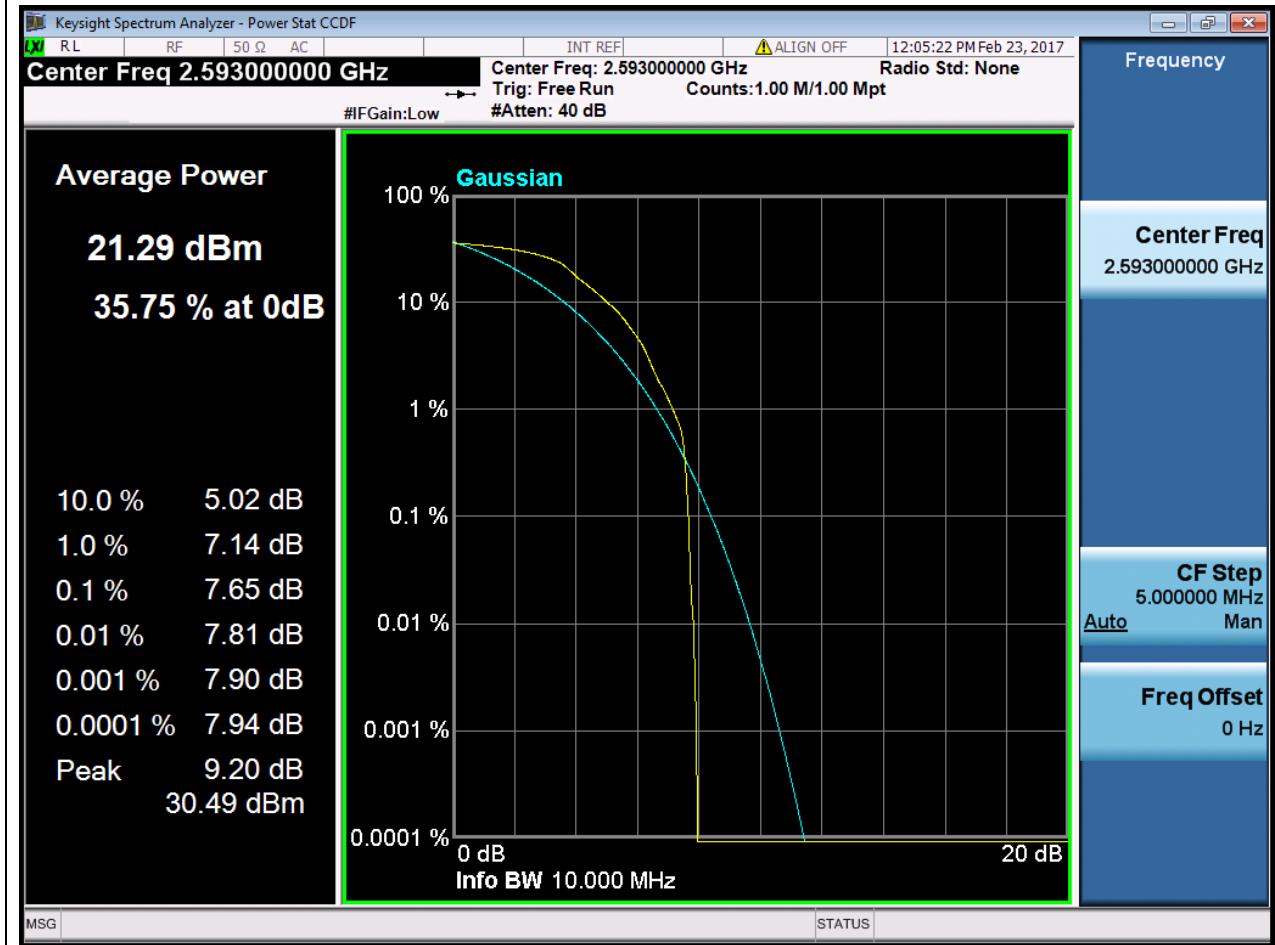
1.60. LTE Peak to Average Ratio(NTNV)(Subtest:60, Channel:40620, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2593	0.1	7.93	13	Pass



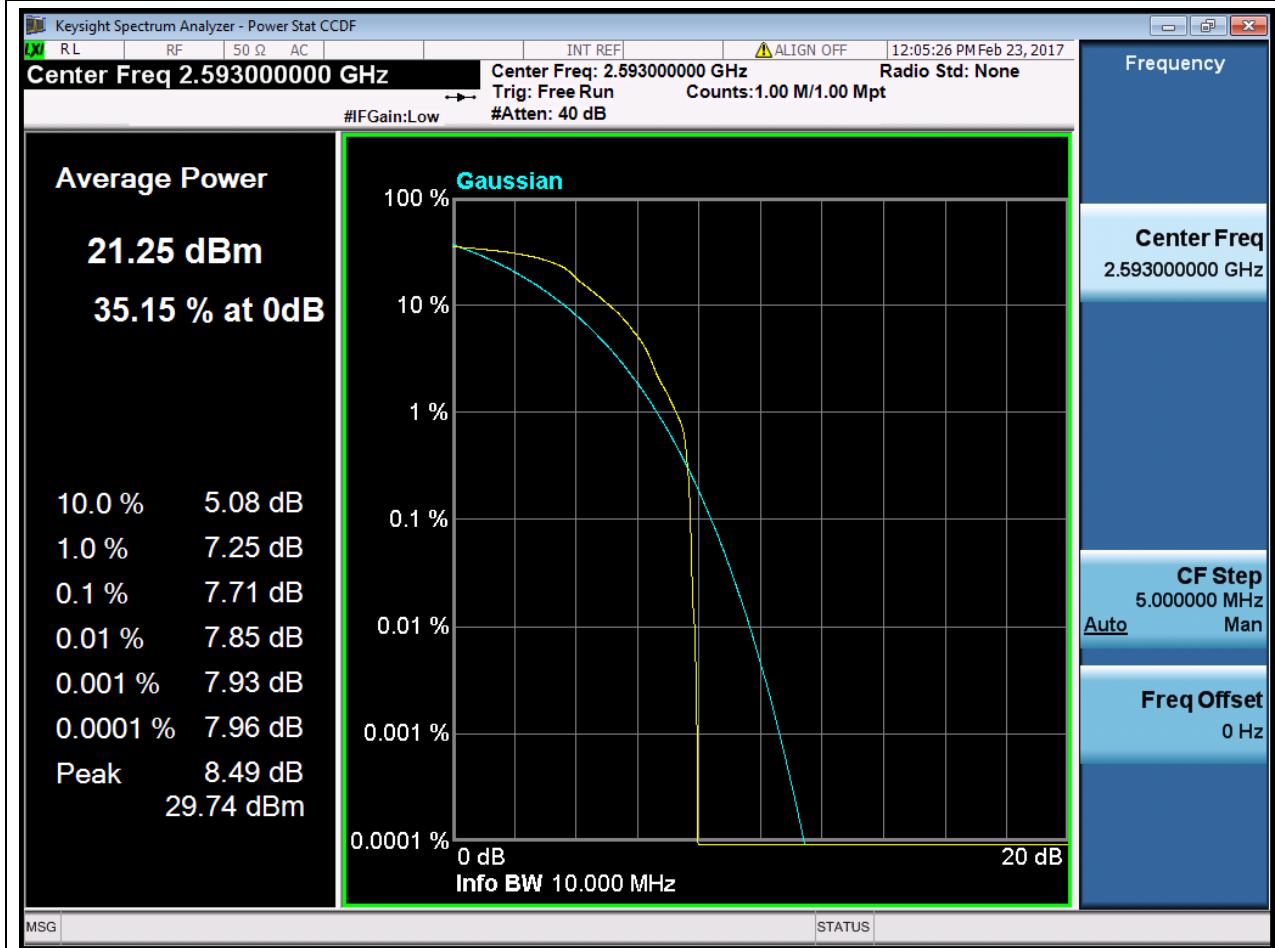
1.61. LTE Peak to Average Ratio(NTNV)(Subtest:61, Channel:40620, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2593	0.1	7.65	13	Pass



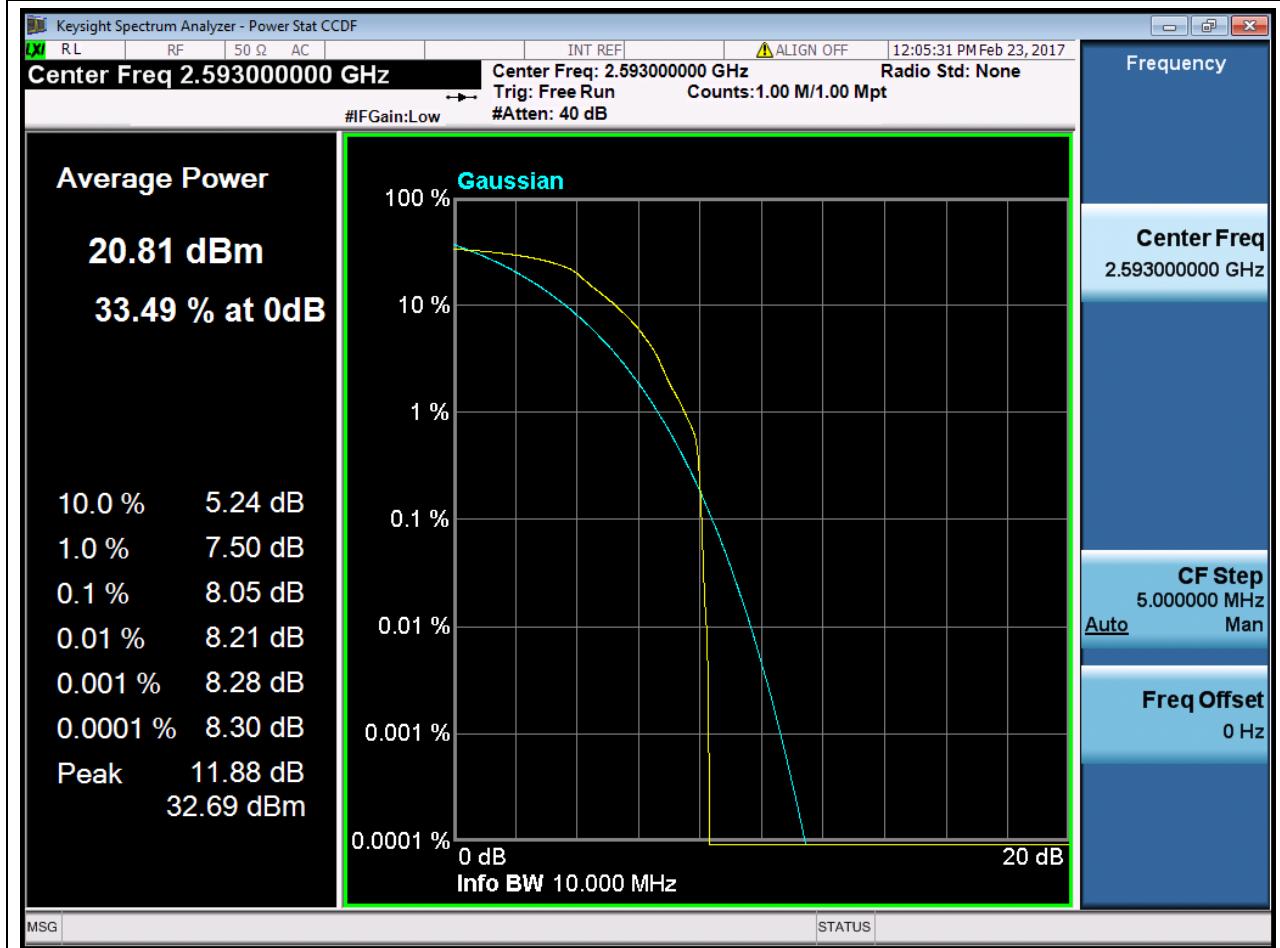
1.62. LTE Peak to Average Ratio(NTNV)(Subtest:62, Channel:40620, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2593	0.1	7.71	13	Pass



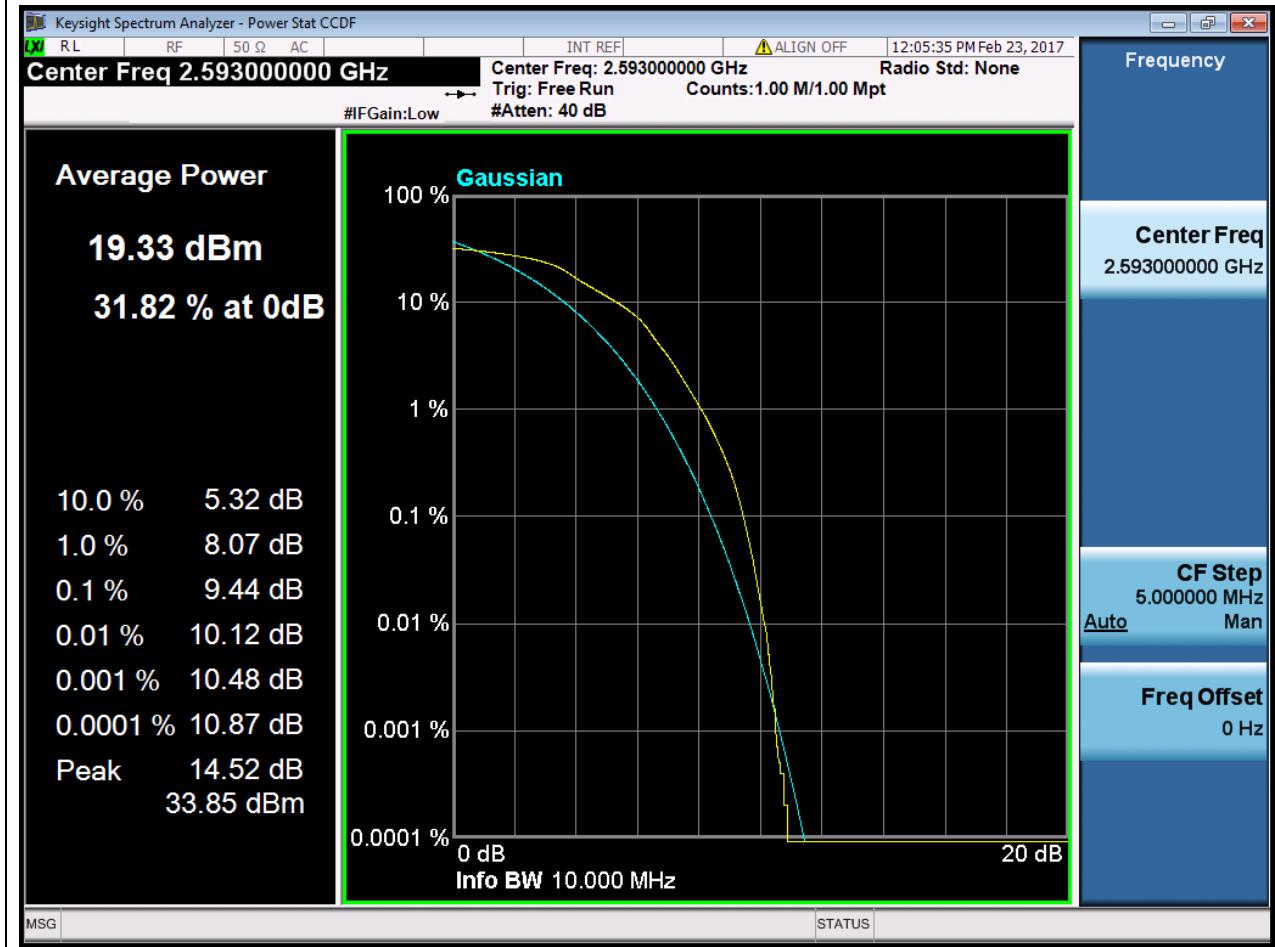
1.63. LTE Peak to Average Ratio(NTNV)(Subtest:63, Channel:40620, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2593	0.1	8.05	13	Pass



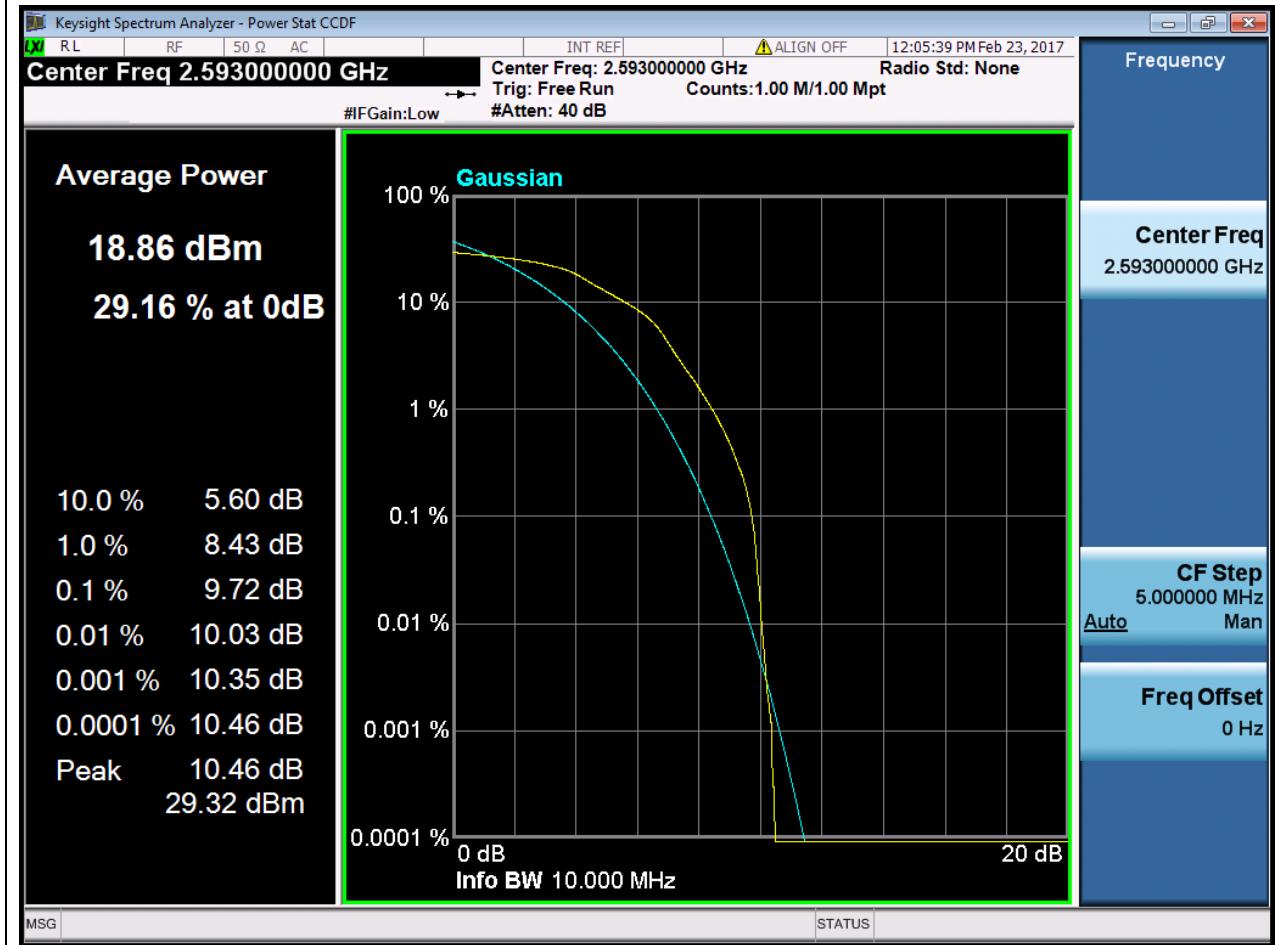
1.64. LTE Peak to Average Ratio(NTNV)(Subtest:64, Channel:40620, Bandwidth:10, Modulation:16QAM, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2593	0.1	9.44	13	Pass



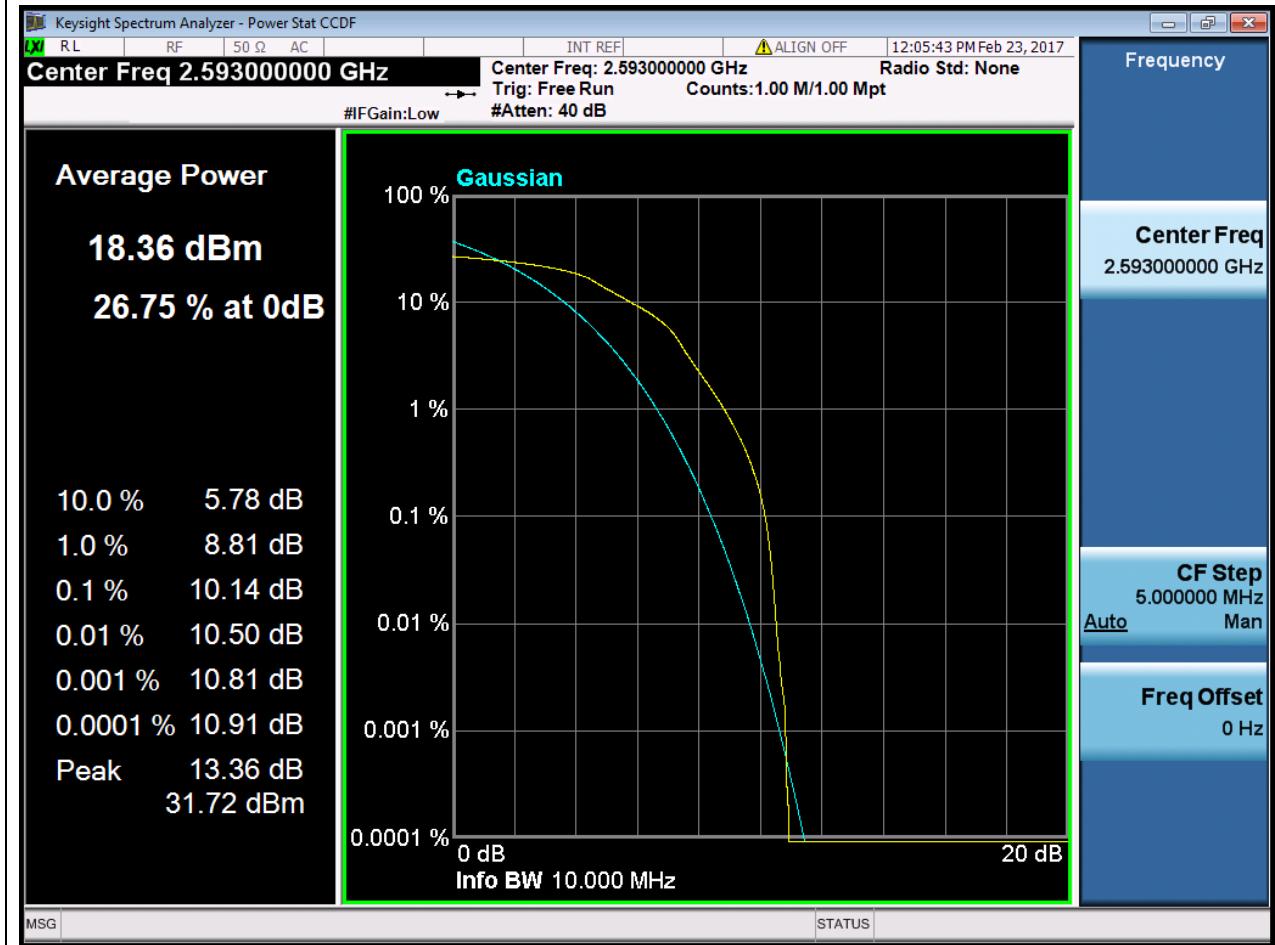
1.65. LTE Peak to Average Ratio(NTNV)(Subtest:65, Channel:40620, Bandwidth:10, Modulation:16QAM, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2593	0.1	9.72	13	Pass



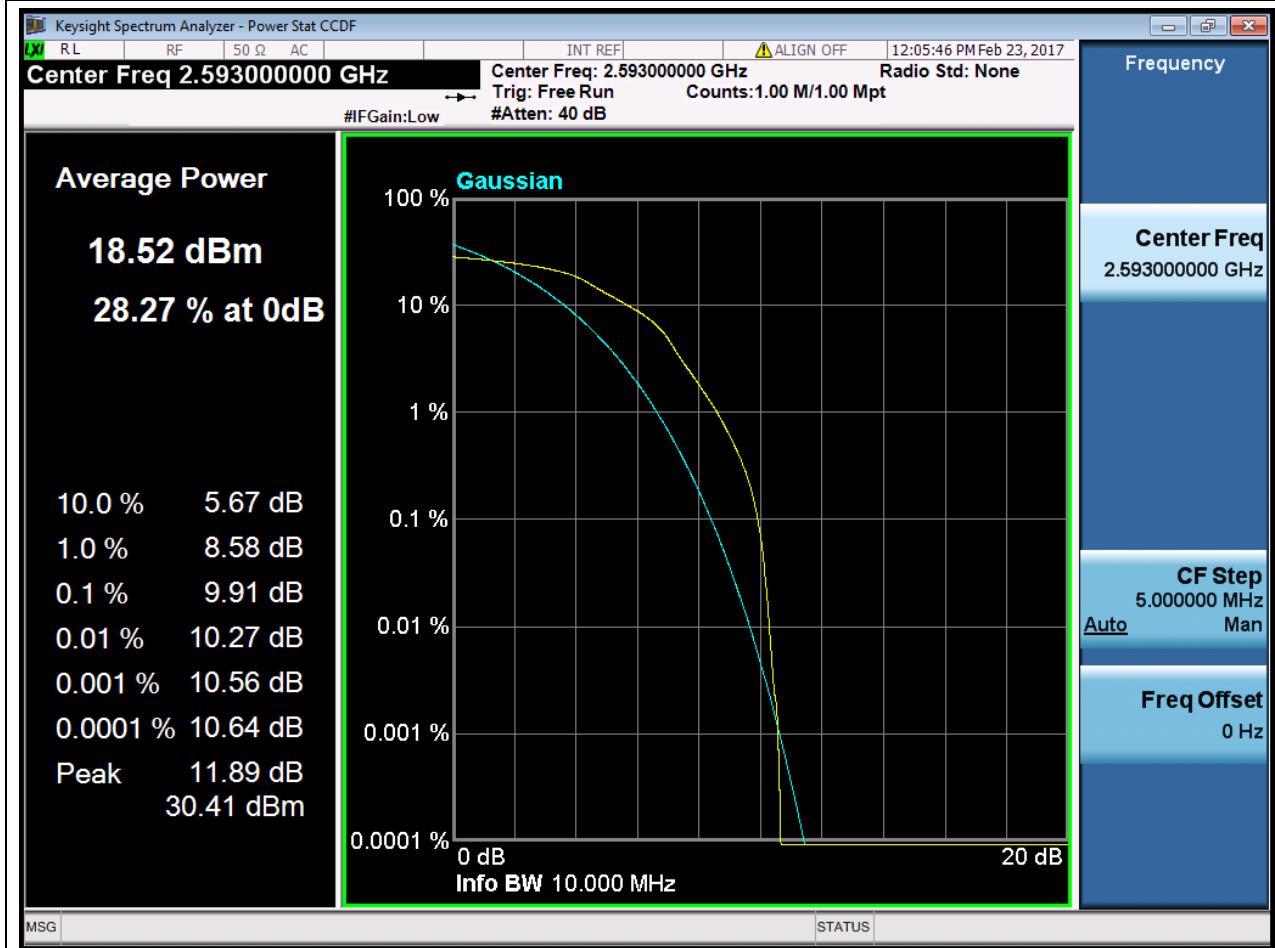
1.66. LTE Peak to Average Ratio(NTNV)(Subtest:66, Channel:40620, Bandwidth:10, Modulation:16QAM, RB Number: 25, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2593	0.1	10.14	13	Pass



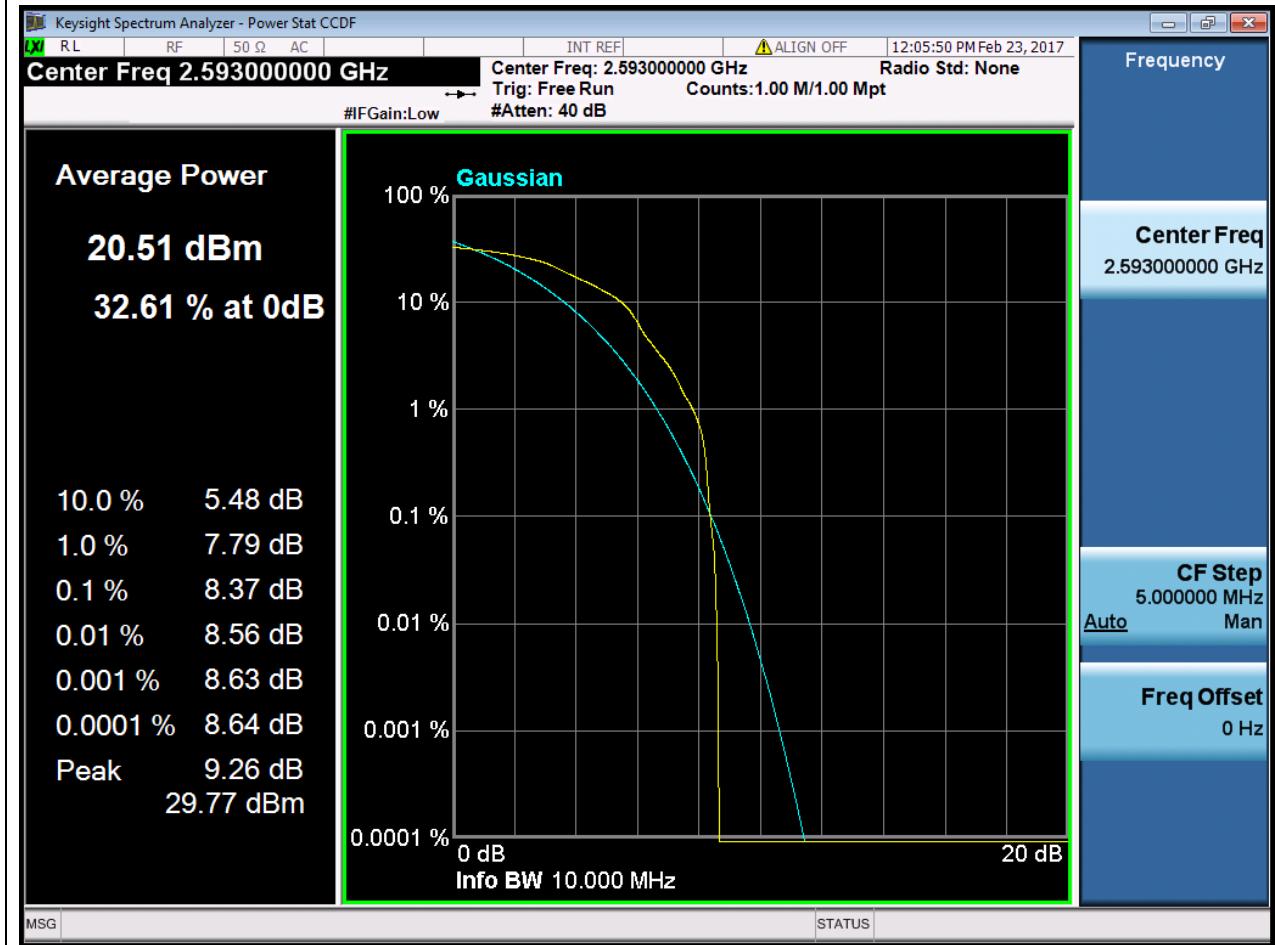
1.67. LTE Peak to Average Ratio(NTNV)(Subtest:67, Channel:40620, Bandwidth:10, Modulation:16QAM, RB Number: 25, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2593	0.1	9.91	13	Pass



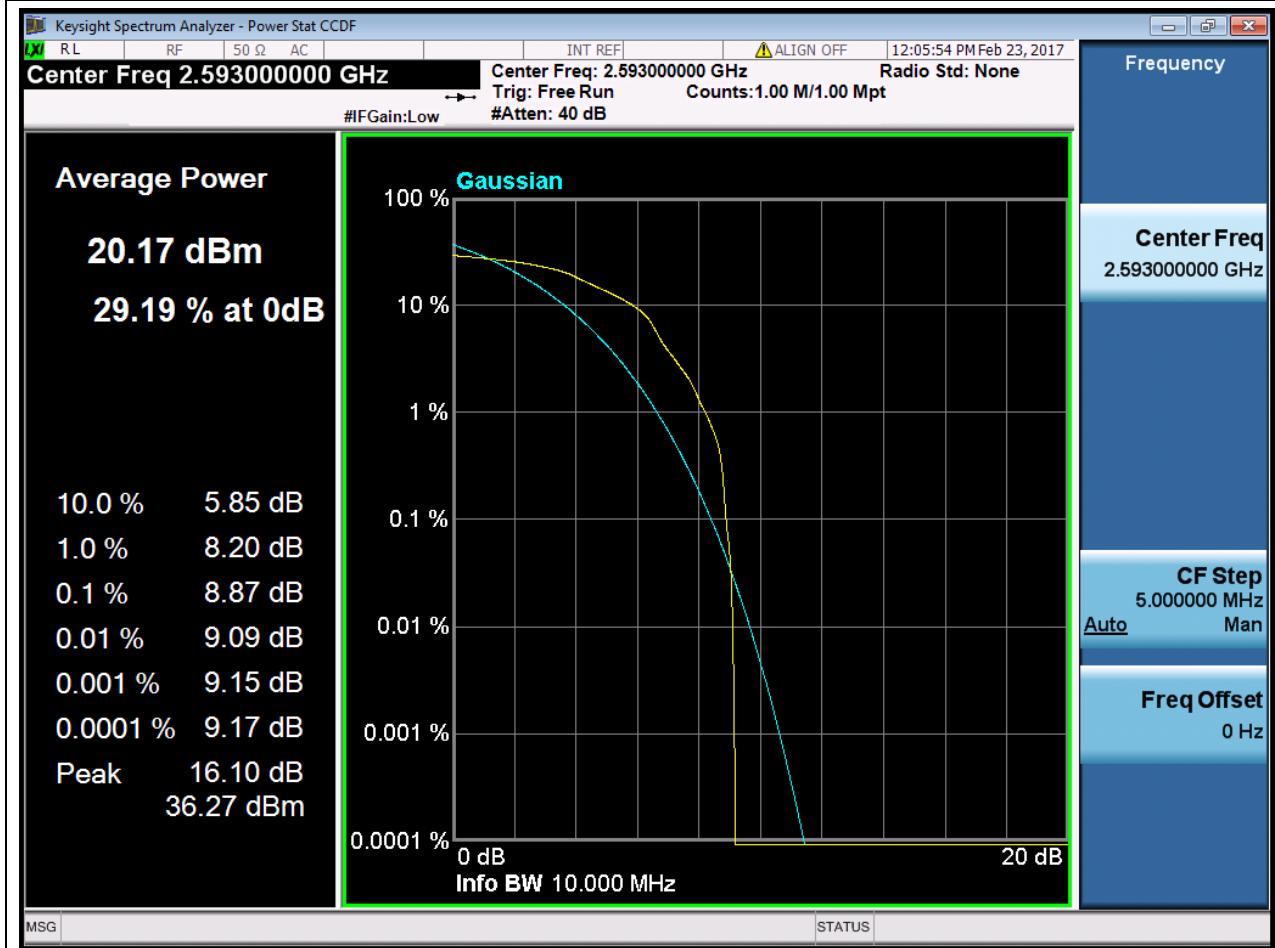
1.68. LTE Peak to Average Ratio(NTNV)(Subtest:68, Channel:40620, Bandwidth:10, Modulation:16QAM, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2593	0.1	8.37	13	Pass



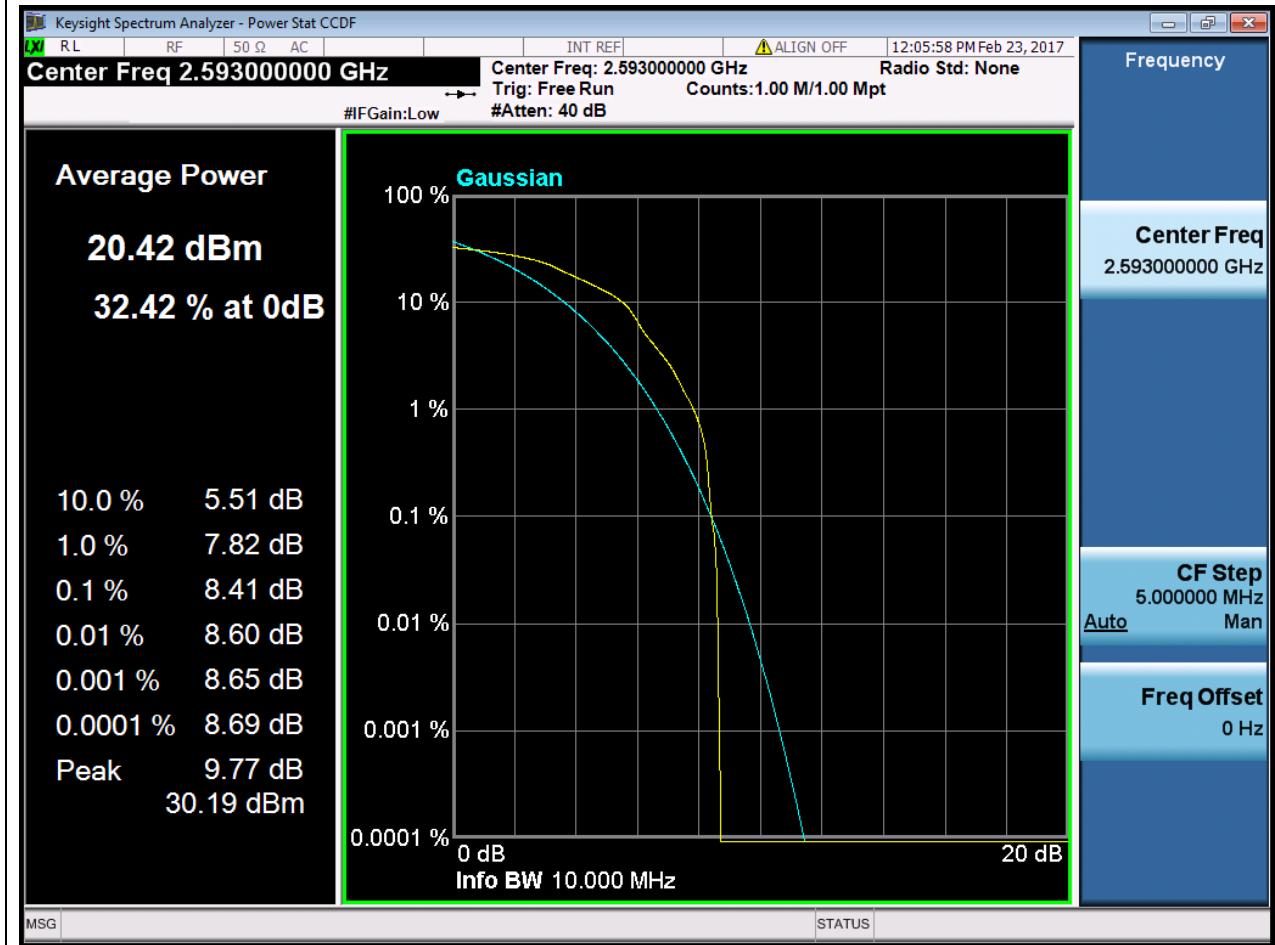
1.69. LTE Peak to Average Ratio(NTNV)(Subtest:69, Channel:40620, Bandwidth:10, Modulation:16QAM, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2593	0.1	8.87	13	Pass



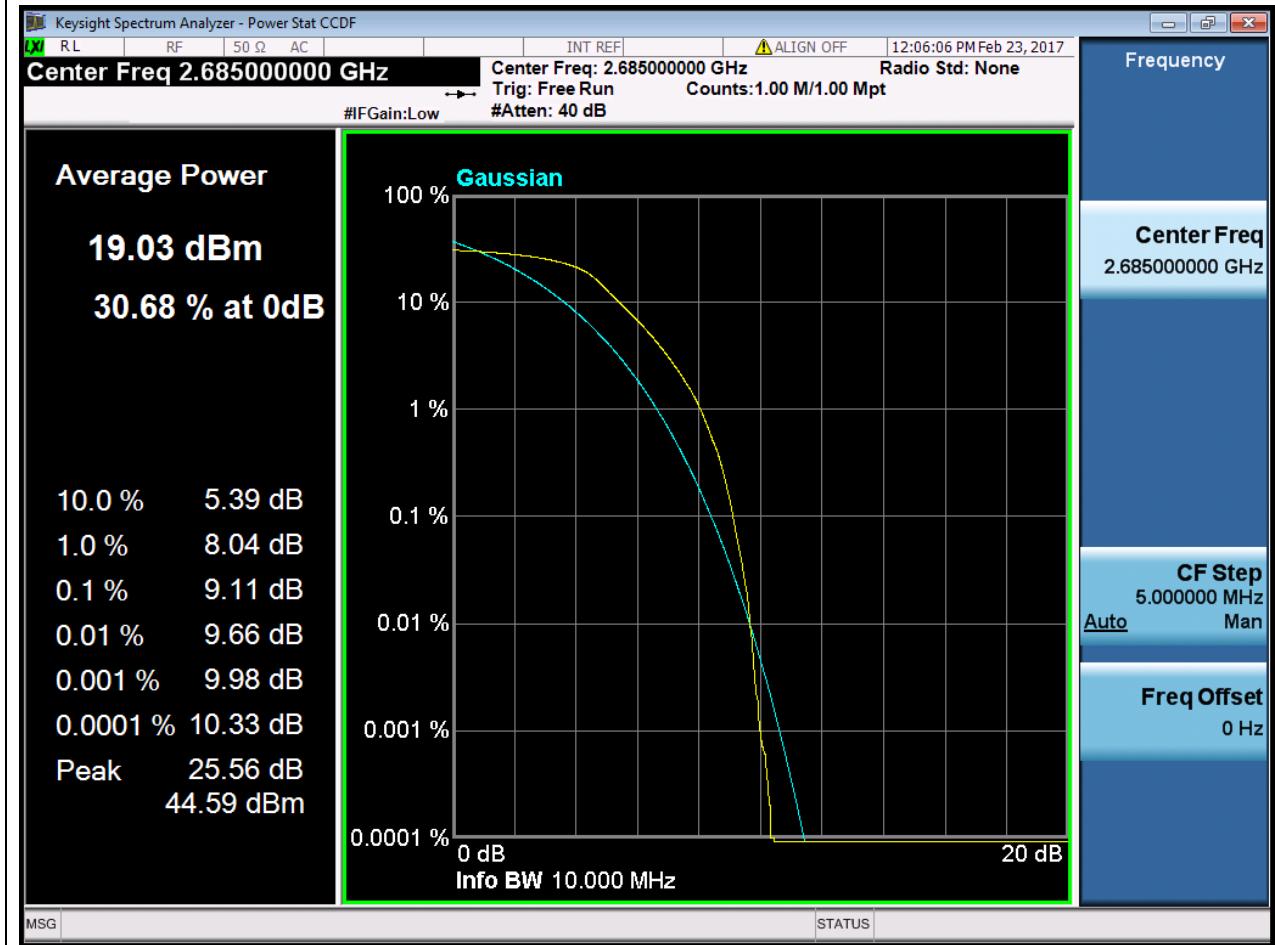
1.70. LTE Peak to Average Ratio(NTNV)(Subtest:70, Channel:40620, Bandwidth:10, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2593	0.1	8.41	13	Pass



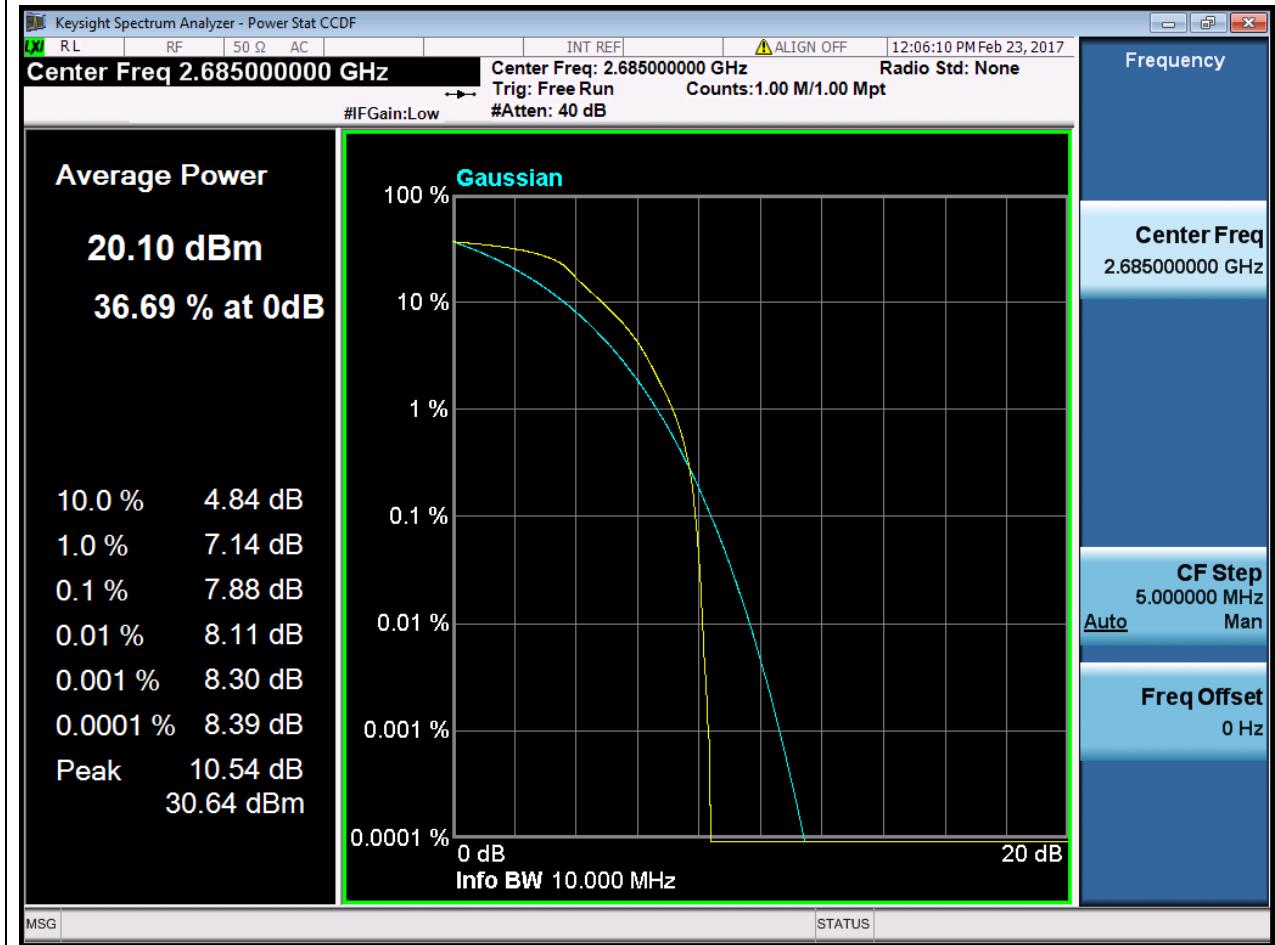
1.71. LTE Peak to Average Ratio(NTNV)(Subtest:71, Channel:41540, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2685	0.1	9.11	13	Pass



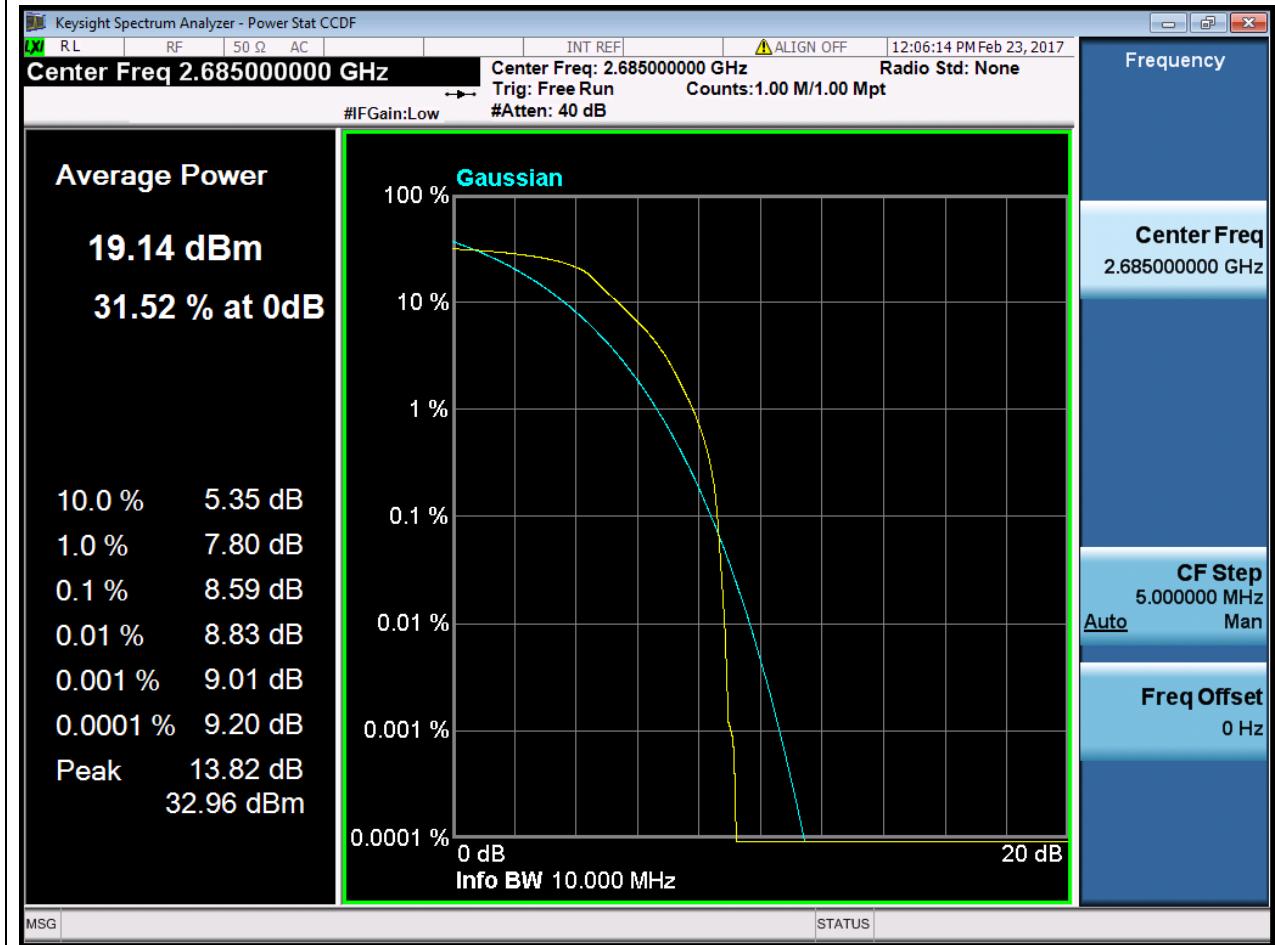
1.72. LTE Peak to Average Ratio(NTNV)(Subtest:72, Channel:41540, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2685	0.1	7.88	13	Pass



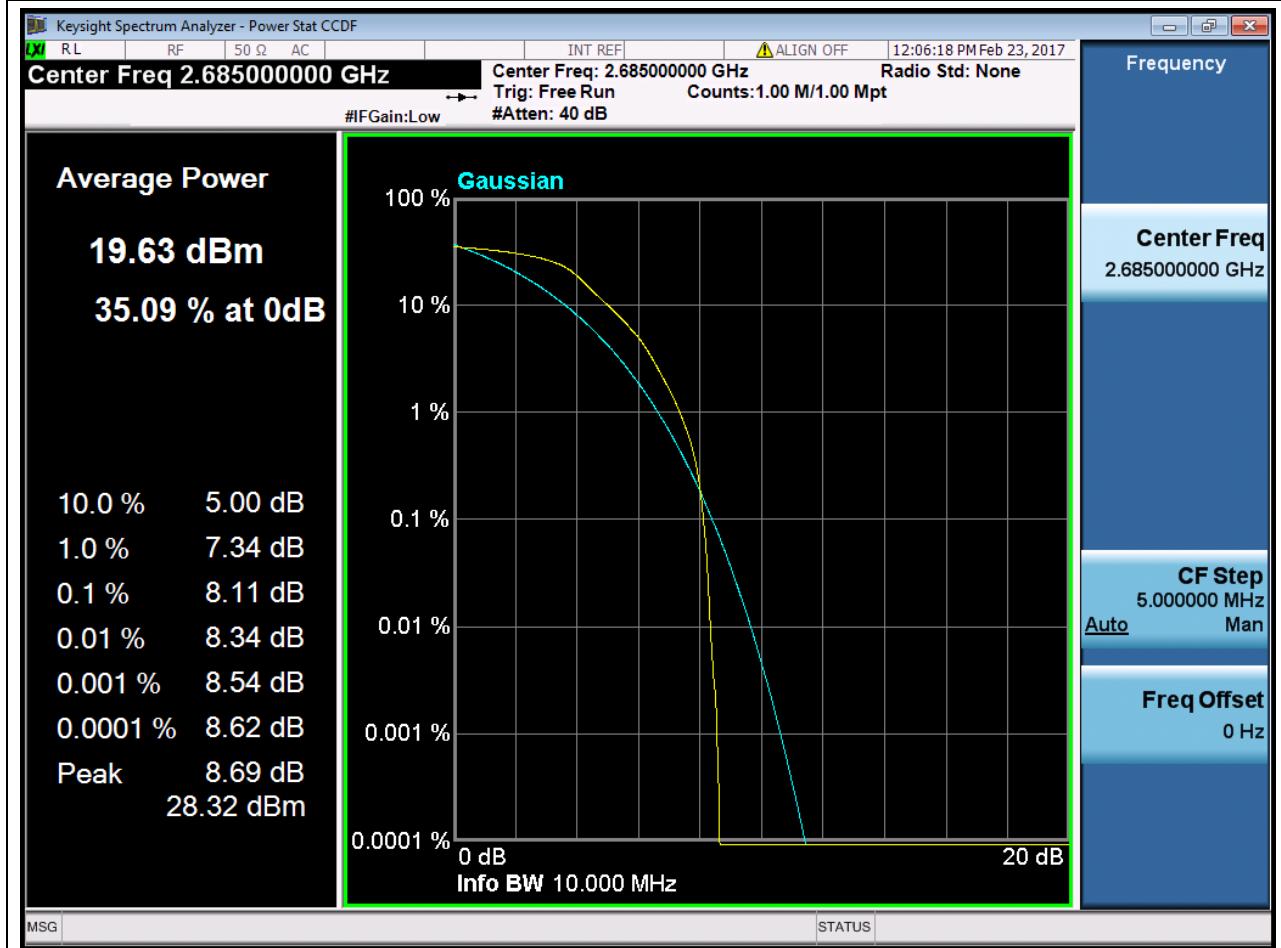
1.73. LTE Peak to Average Ratio(NTNV)(Subtest:73, Channel:41540, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2685	0.1	8.59	13	Pass



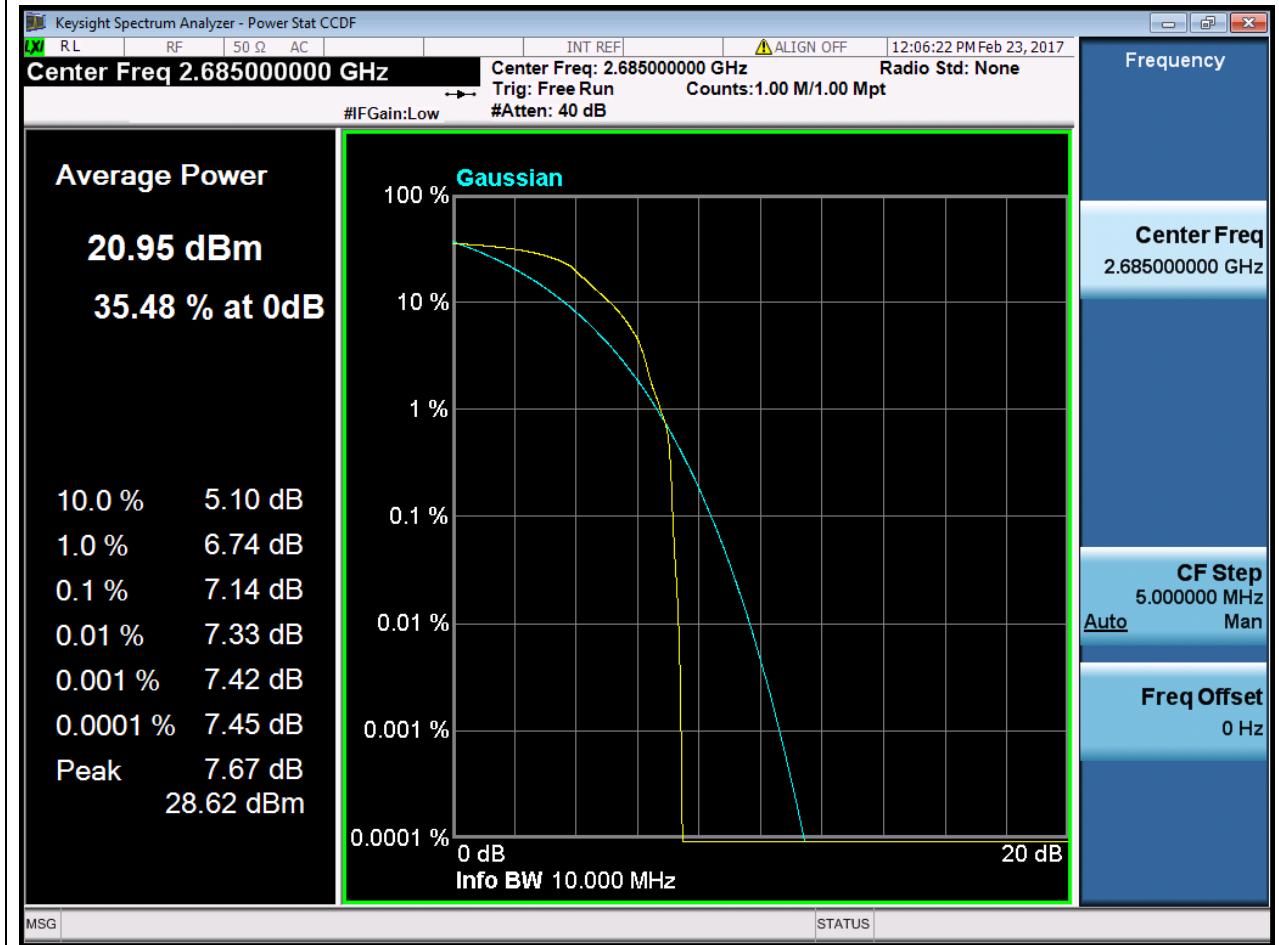
1.74. LTE Peak to Average Ratio(NTNV)(Subtest:74, Channel:41540, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2685	0.1	8.11	13	Pass



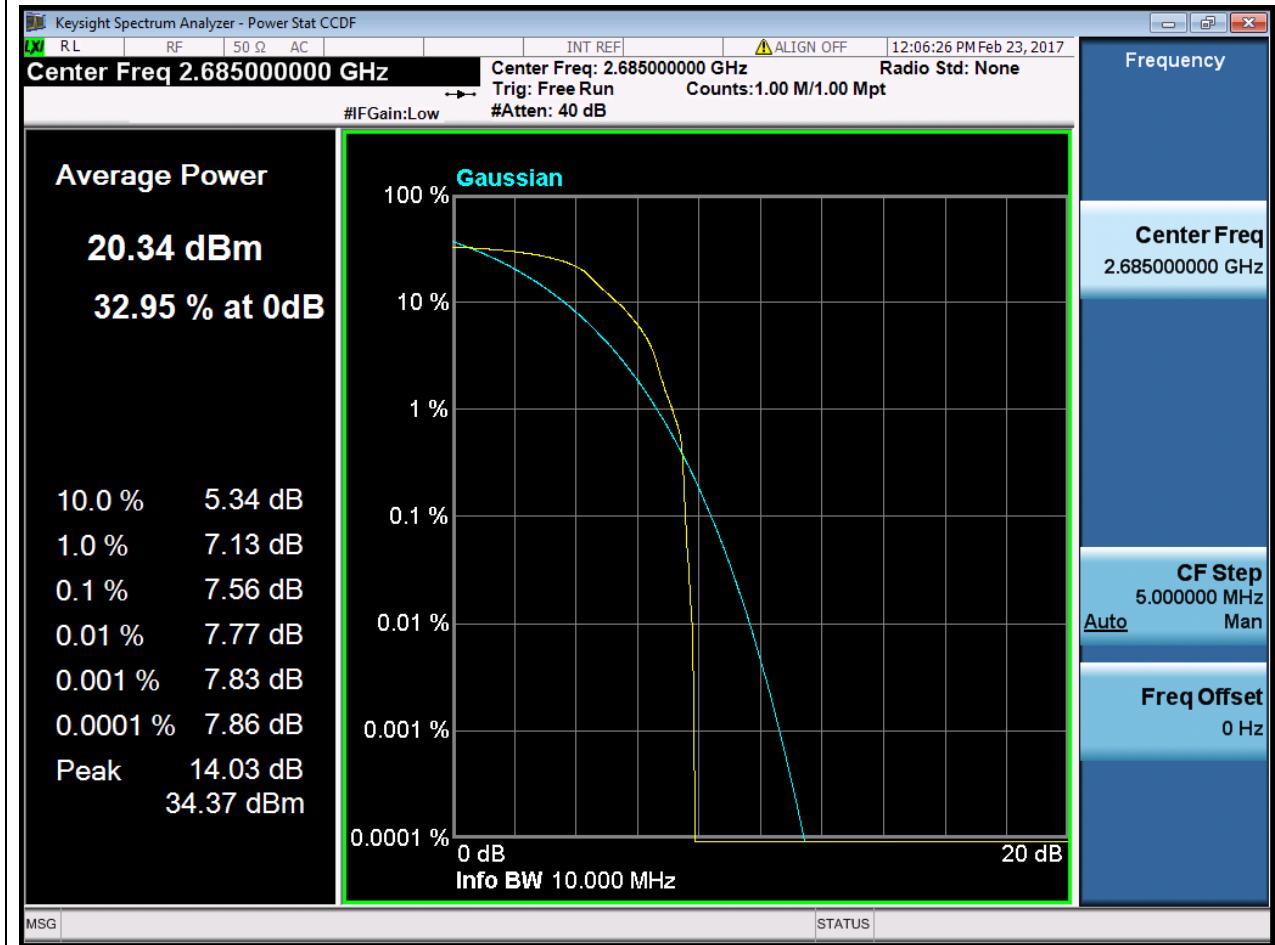
1.75. LTE Peak to Average Ratio(NTNV)(Subtest:75, Channel:41540, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2685	0.1	7.14	13	Pass



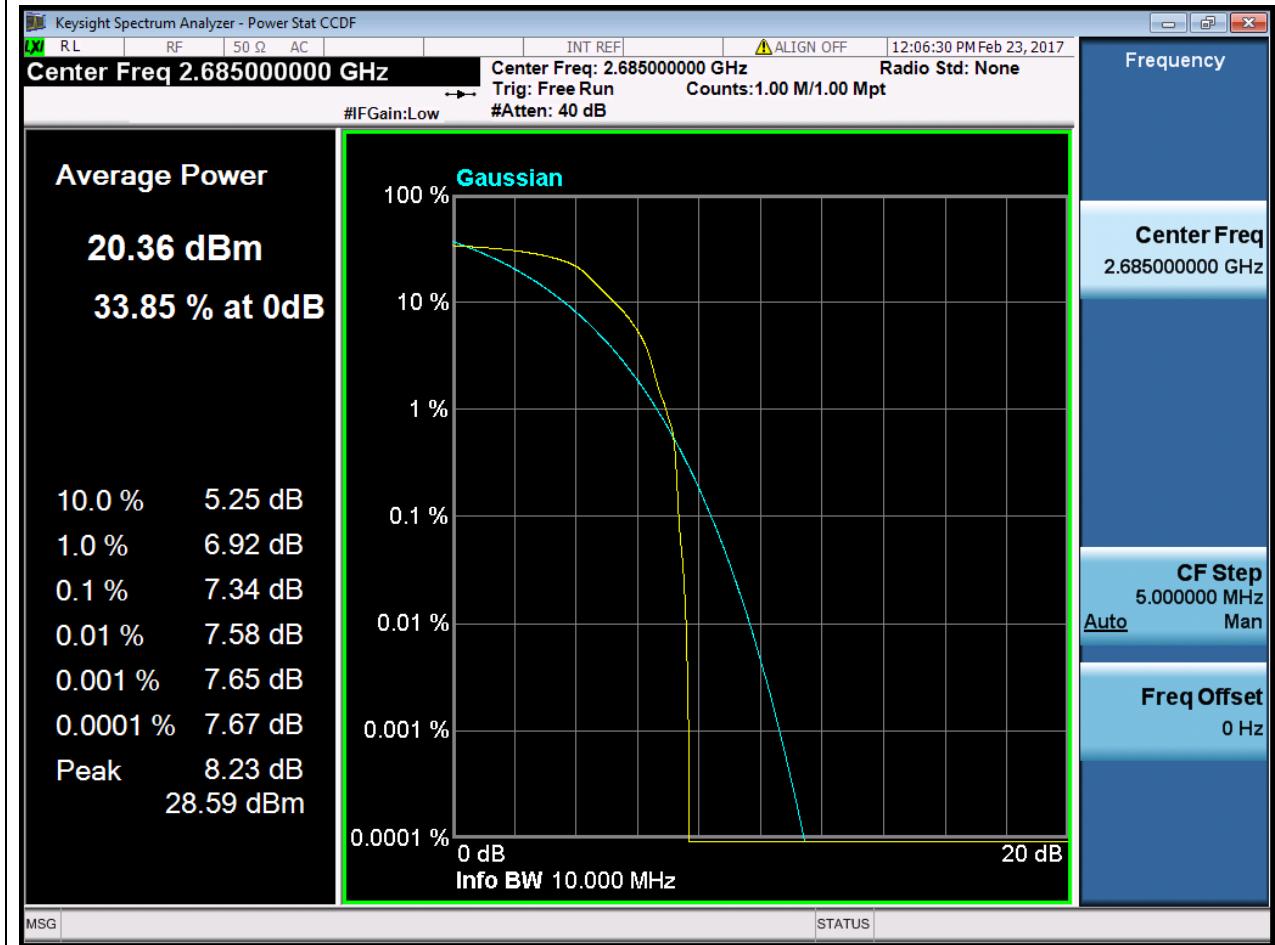
1.76. LTE Peak to Average Ratio(NTNV)(Subtest:76, Channel:41540, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2685	0.1	7.56	13	Pass



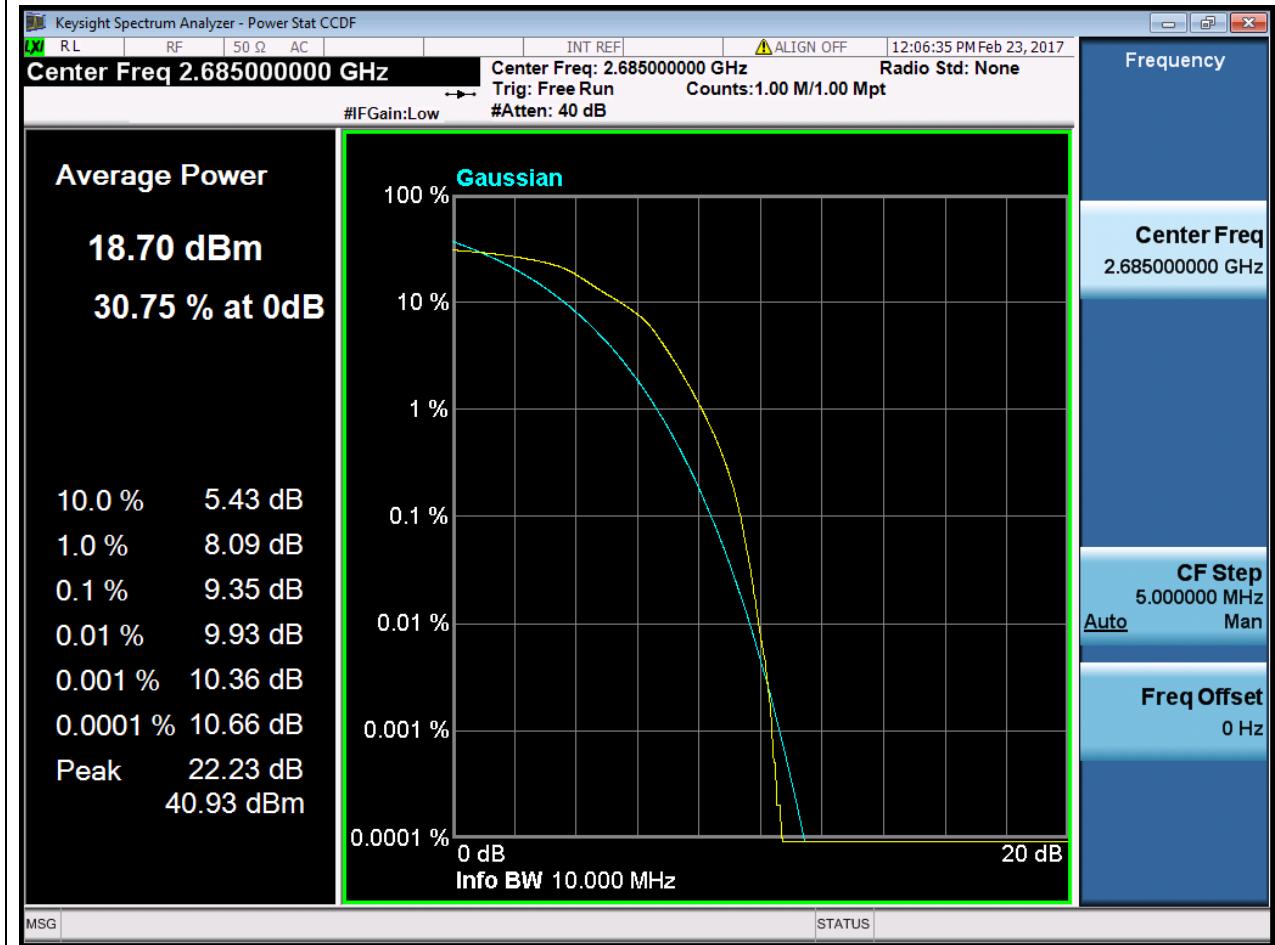
1.77. LTE Peak to Average Ratio(NTNV)(Subtest:77, Channel:41540, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2685	0.1	7.34	13	Pass



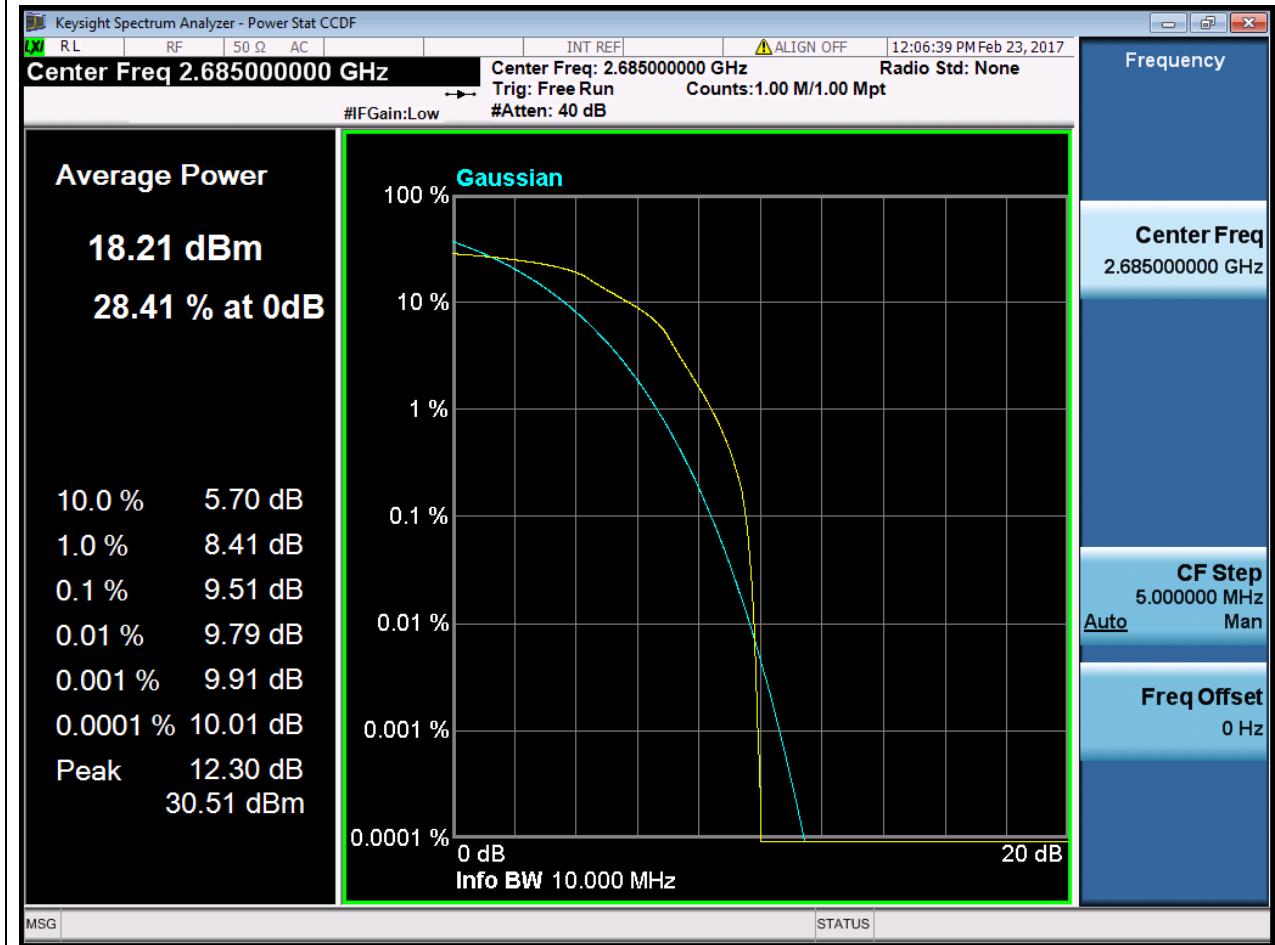
1.78. LTE Peak to Average Ratio(NTNV)(Subtest:78, Channel:41540, Bandwidth:10, Modulation:16QAM, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2685	0.1	9.35	13	Pass



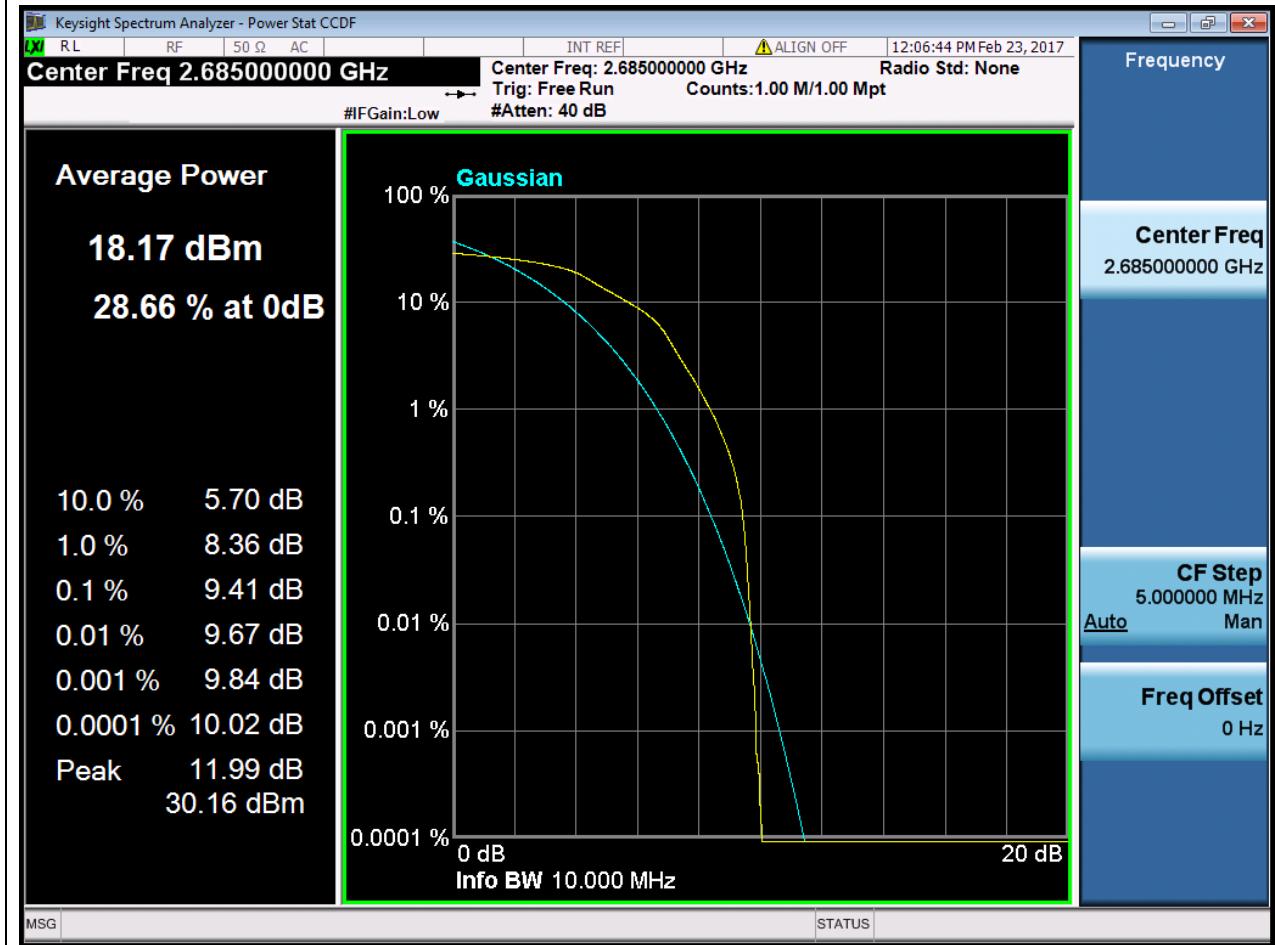
1.79. LTE Peak to Average Ratio(NTNV)(Subtest:79, Channel:41540, Bandwidth:10, Modulation:16QAM, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2685	0.1	9.51	13	Pass



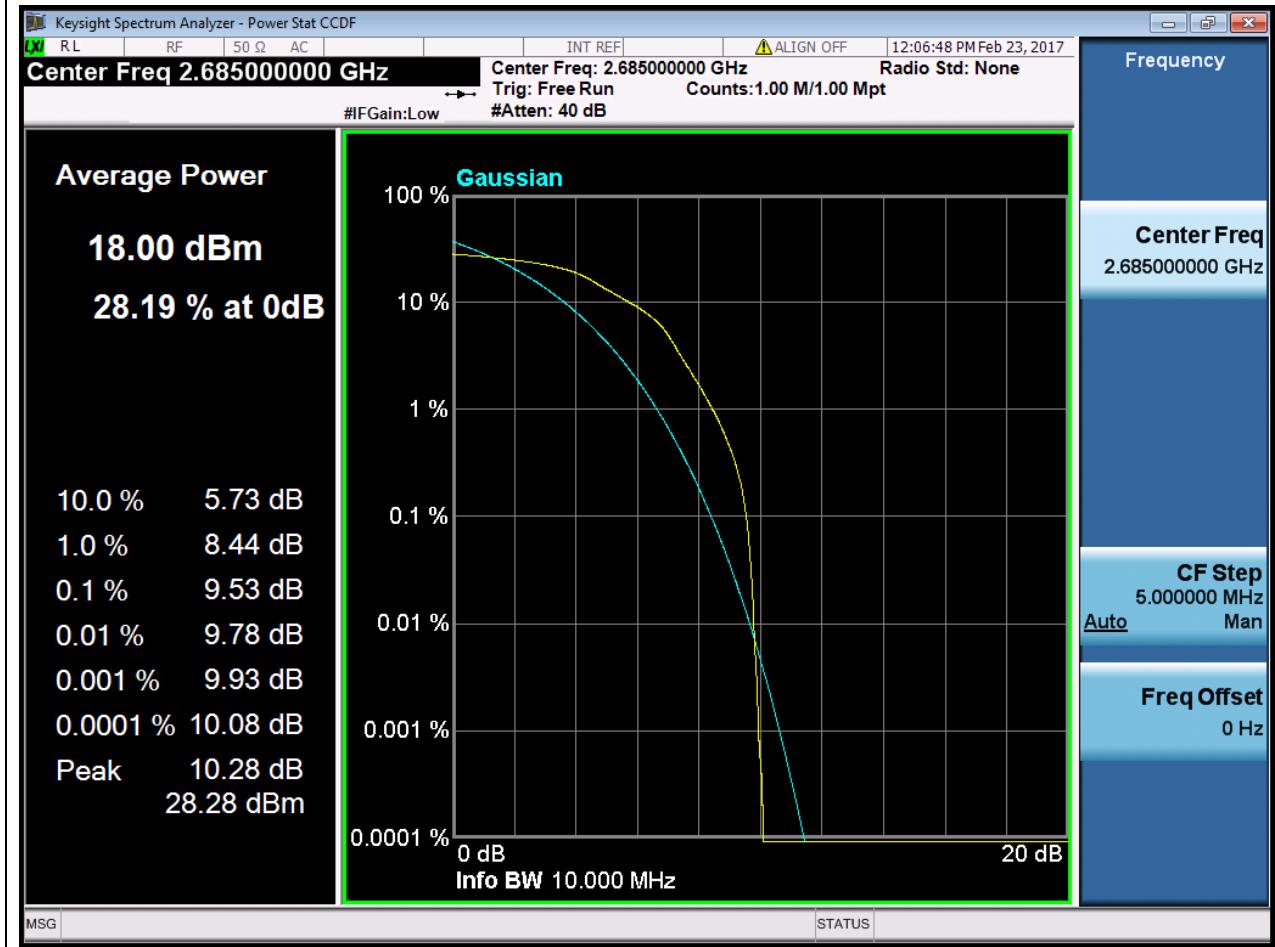
1.80. LTE Peak to Average Ratio(NTNV)(Subtest:80, Channel:41540, Bandwidth:10, Modulation:16QAM, RB Number: 25, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2685	0.1	9.41	13	Pass



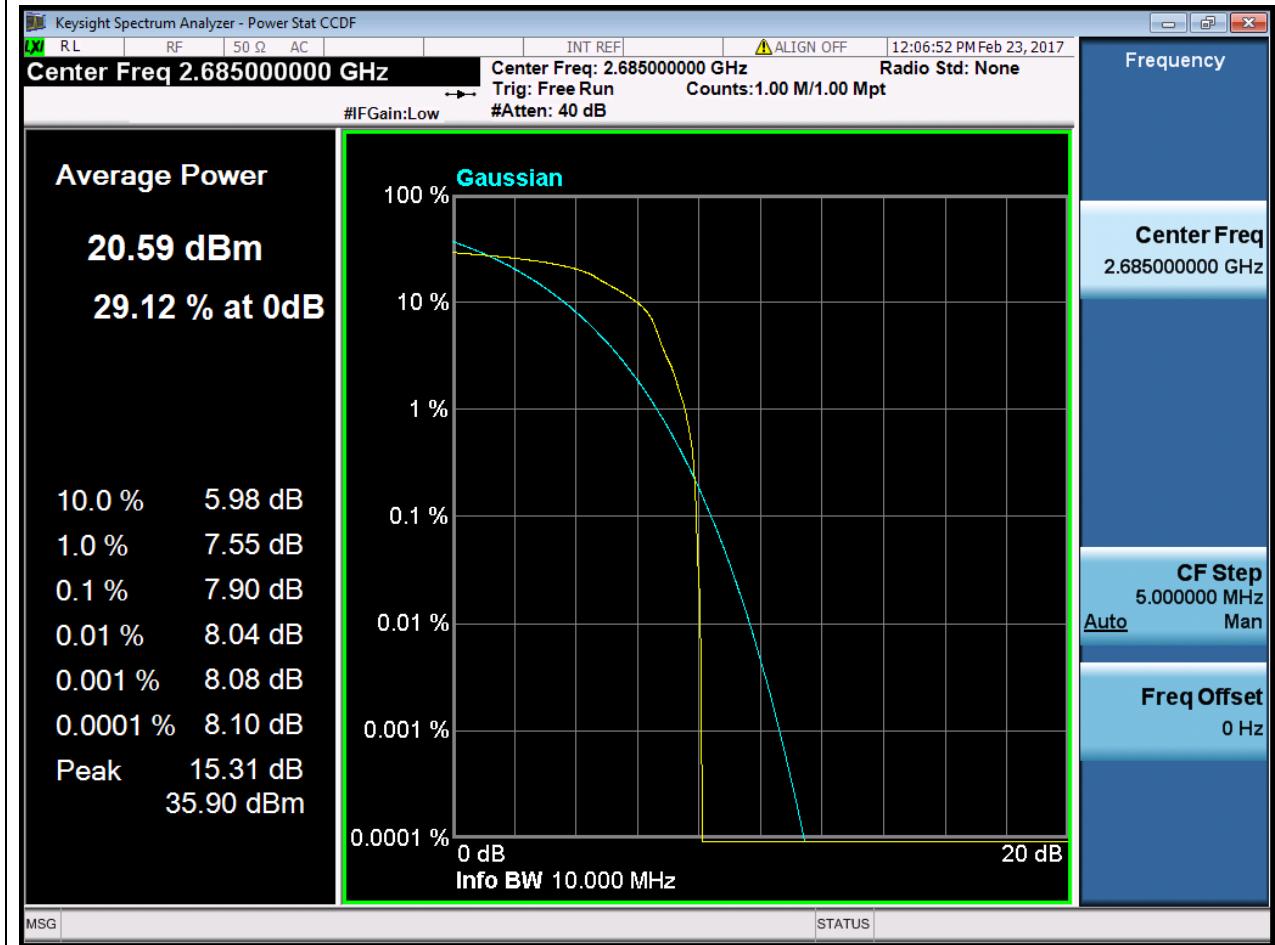
1.81. LTE Peak to Average Ratio(NTNV)(Subtest:81, Channel:41540, Bandwidth:10, Modulation:16QAM, RB Number: 25, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2685	0.1	9.53	13	Pass



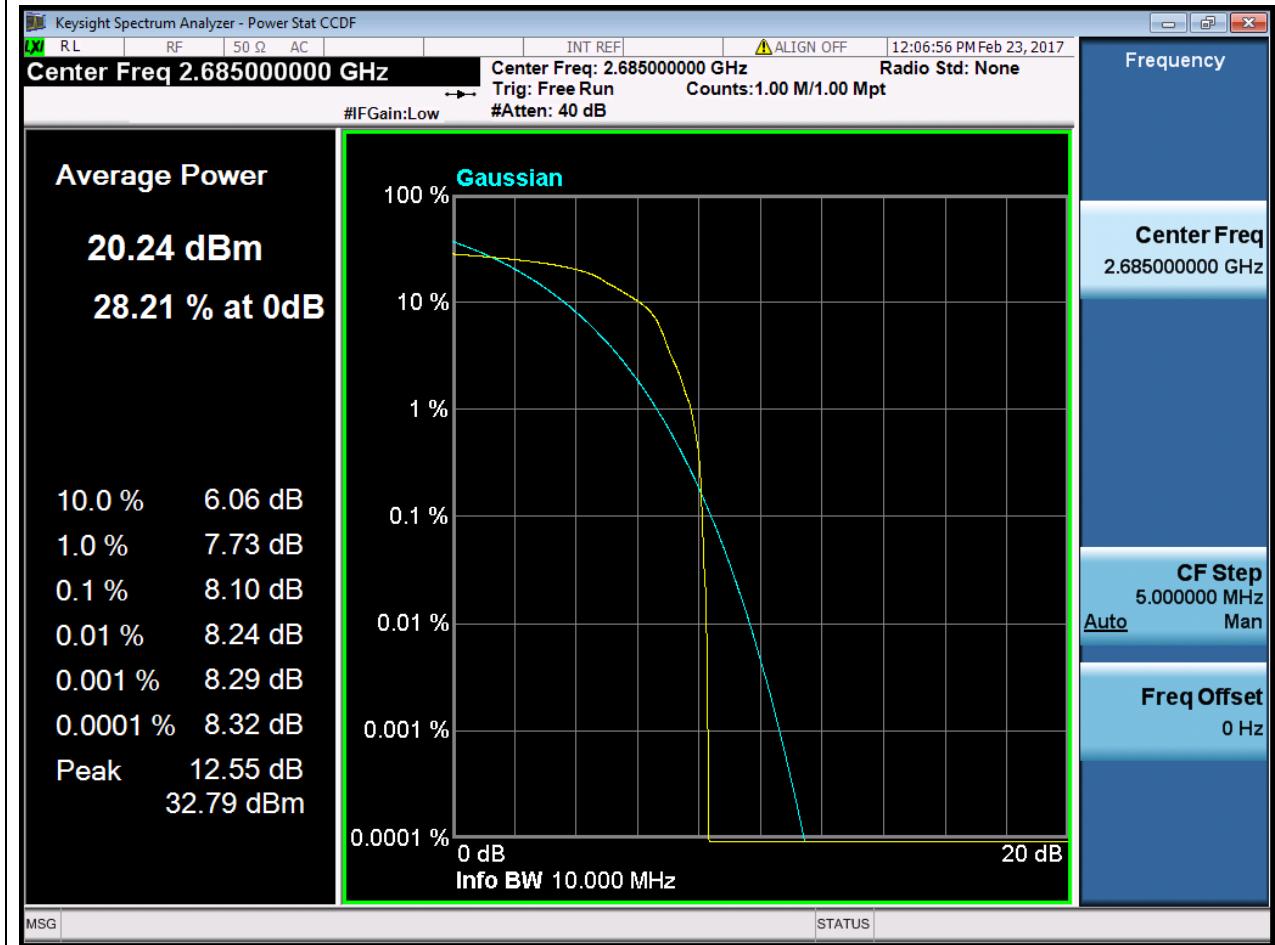
1.82. LTE Peak to Average Ratio(NTNV)(Subtest:82, Channel:41540, Bandwidth:10, Modulation:16QAM, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2685	0.1	7.9	13	Pass



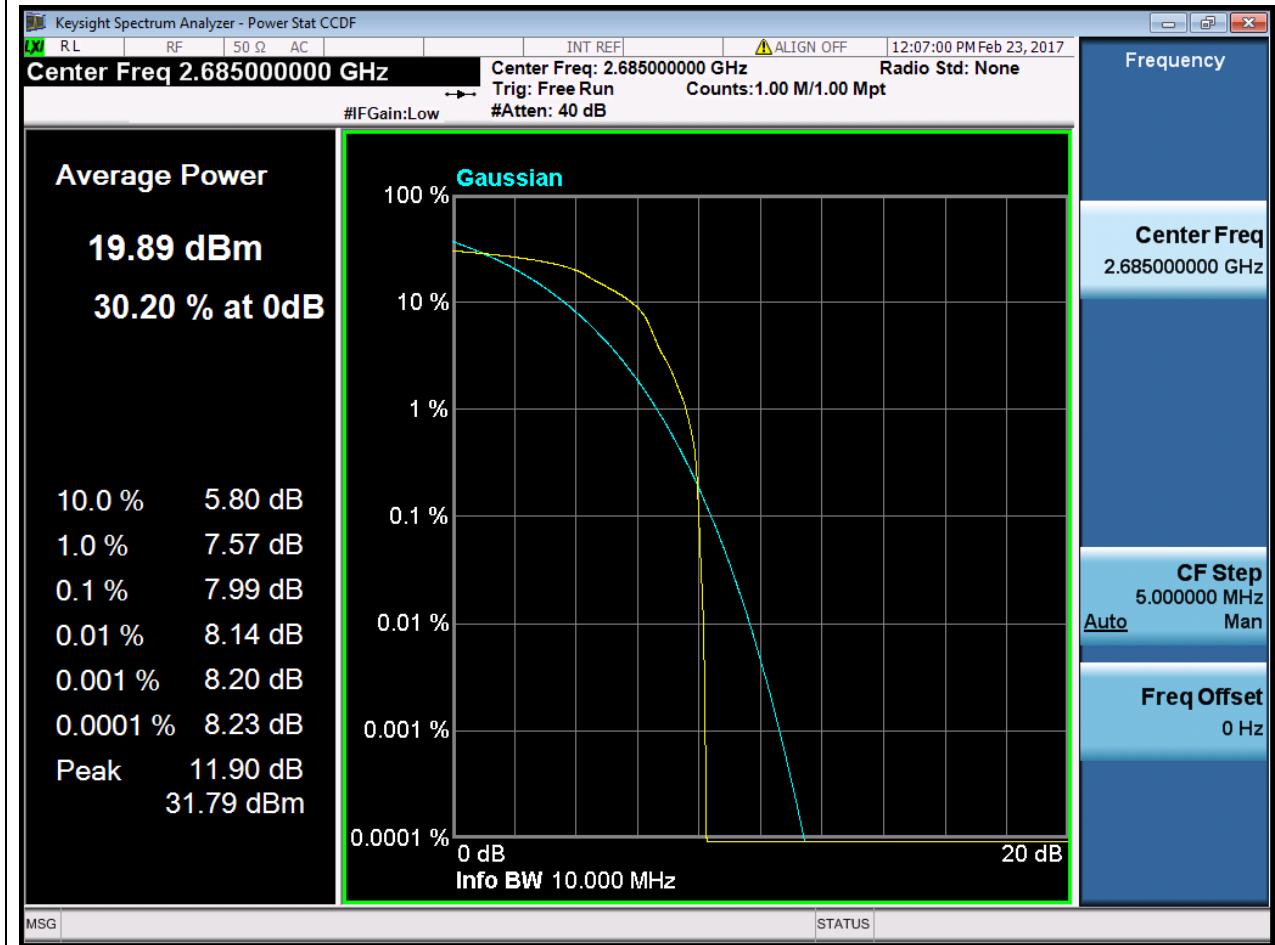
1.83. LTE Peak to Average Ratio(NTNV)(Subtest:83, Channel:41540, Bandwidth:10, Modulation:16QAM, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2685	0.1	8.1	13	Pass



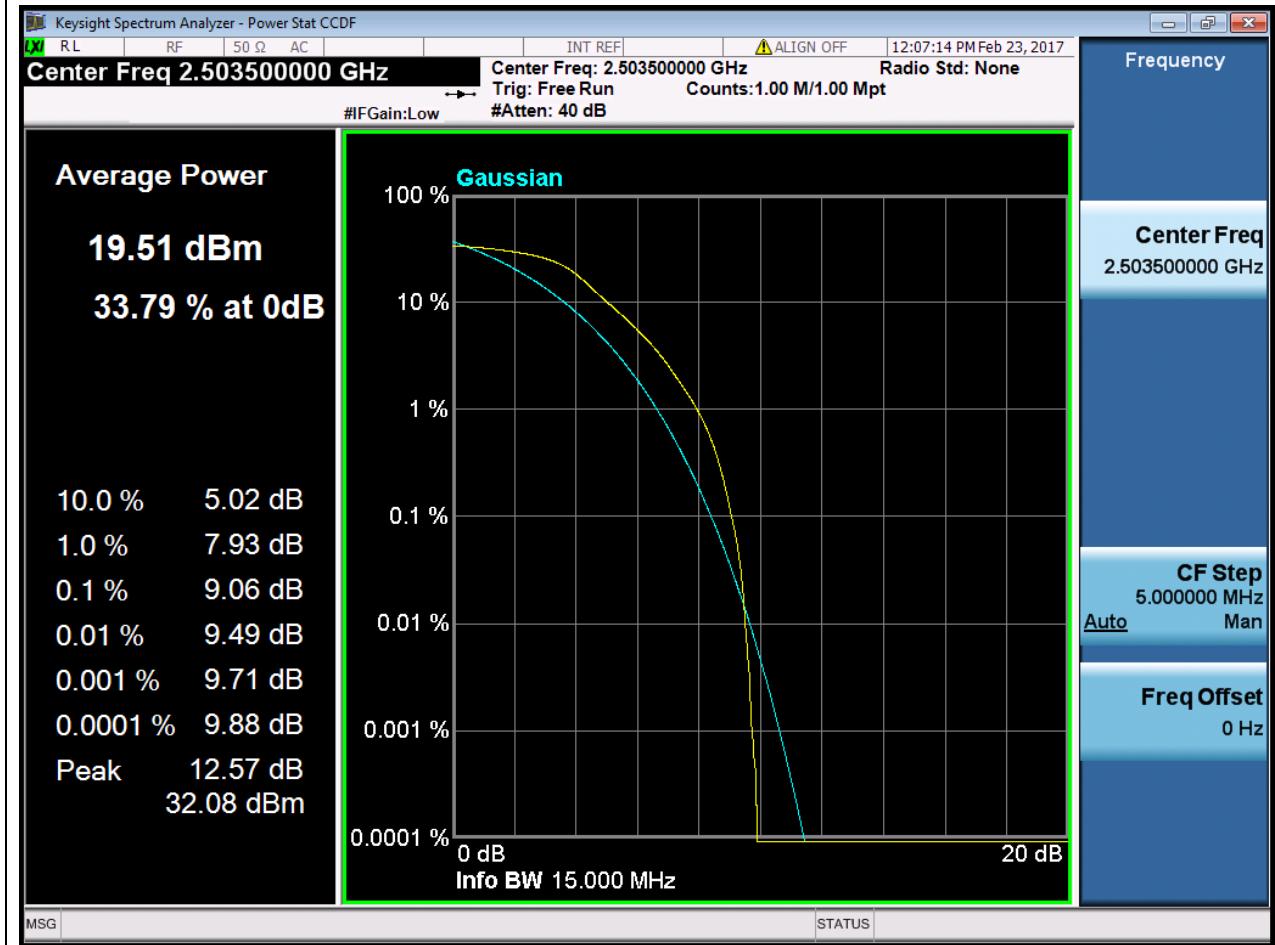
1.84. LTE Peak to Average Ratio(NTNV)(Subtest:84, Channel:41540, Bandwidth:10, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2685	0.1	7.99	13	Pass



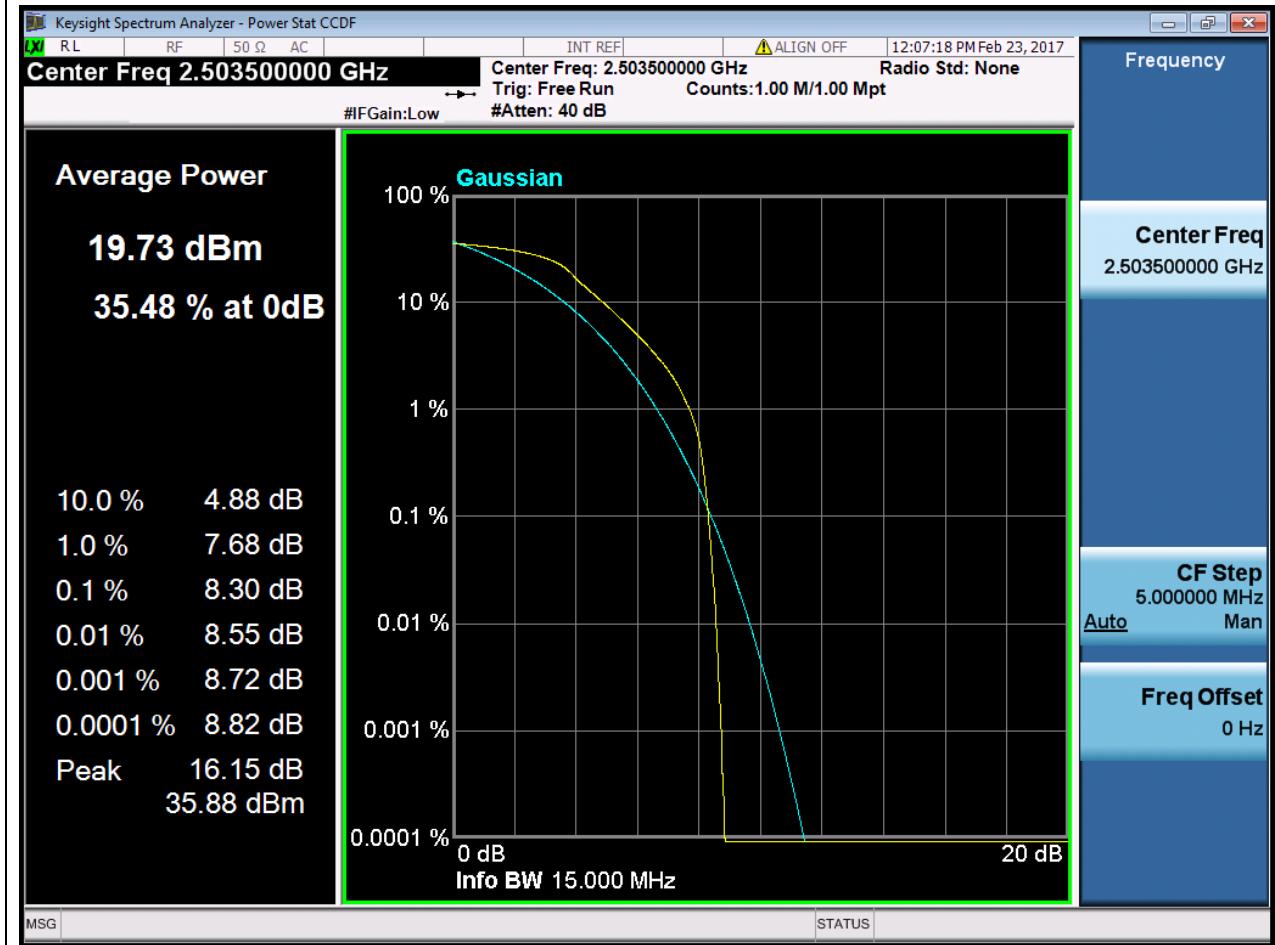
1.85. LTE Peak to Average Ratio(NTNV)(Subtest:85, Channel:39725, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2503.5	0.1	9.06	13	Pass



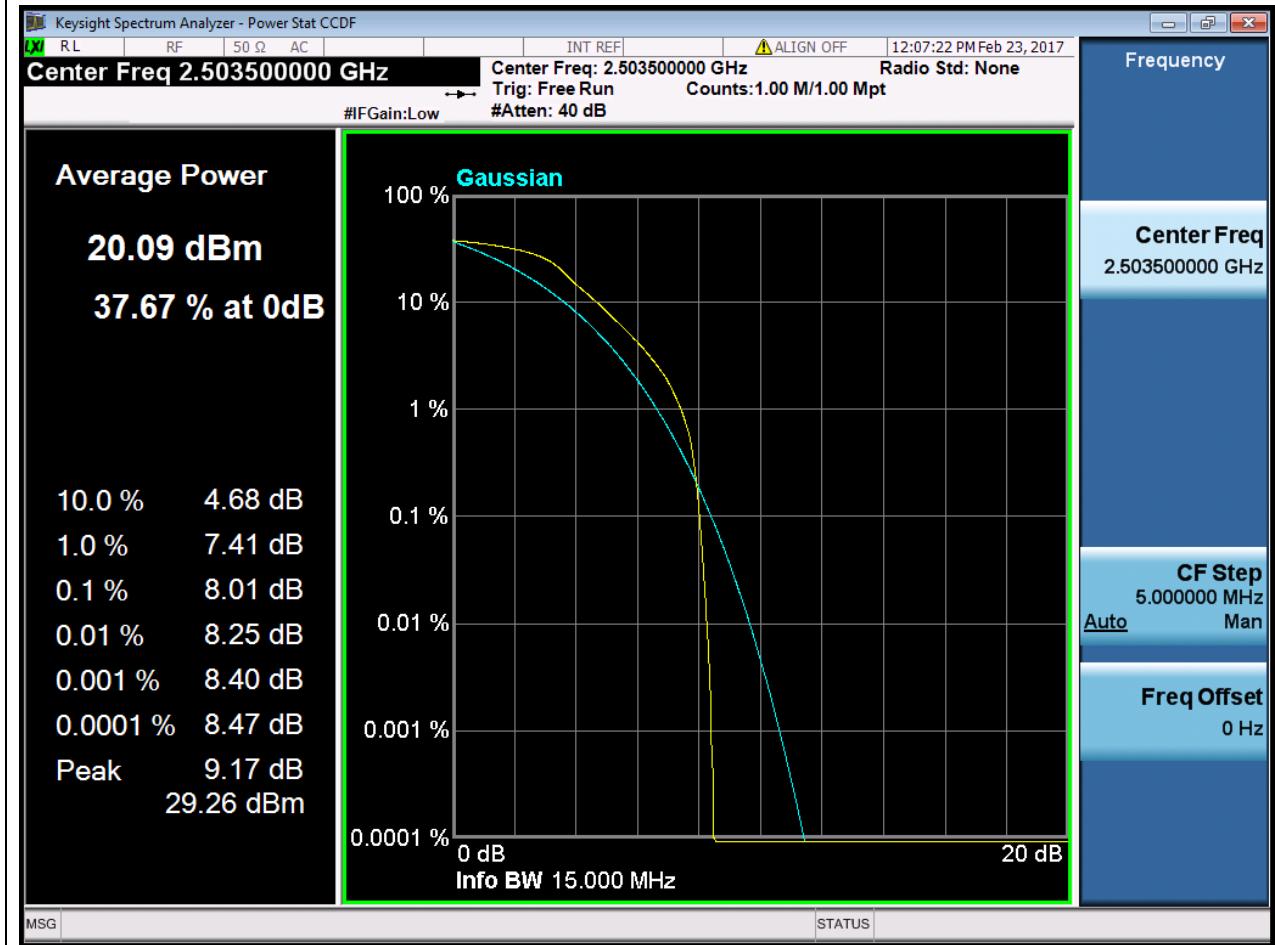
1.86. LTE Peak to Average Ratio(NTNV)(Subtest:86, Channel:39725, Bandwidth:15, Modulation:QPSK, RB Number: 36, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2503.5	0.1	8.3	13	Pass



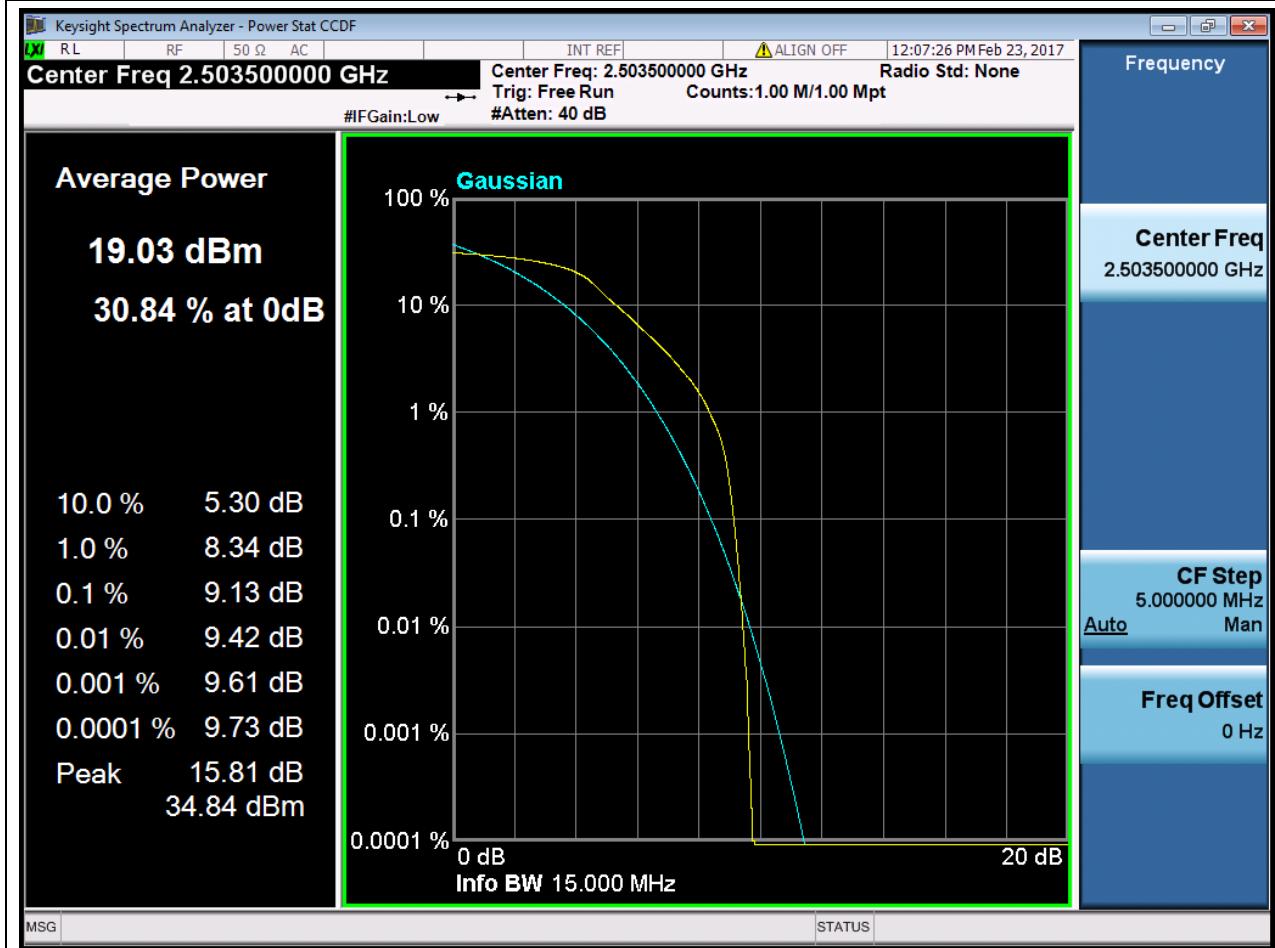
1.87. LTE Peak to Average Ratio(NTNV)(Subtest:87, Channel:39725, Bandwidth:15, Modulation:QPSK, RB Number: 36, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2503.5	0.1	8.01	13	Pass



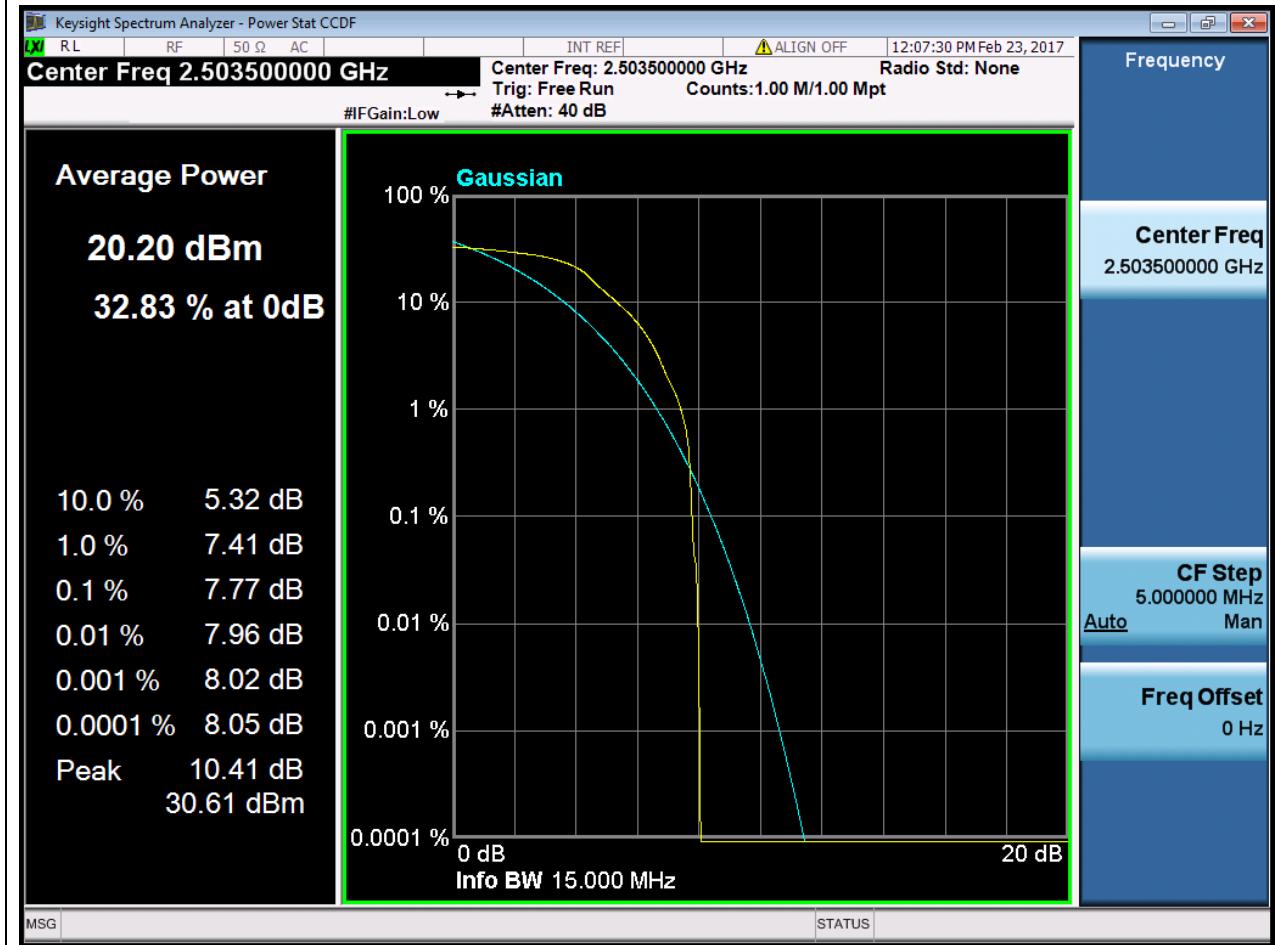
1.88. LTE Peak to Average Ratio(NTNV)(Subtest:88, Channel:39725, Bandwidth:15, Modulation:QPSK, RB Number: 36, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2503.5	0.1	9.13	13	Pass



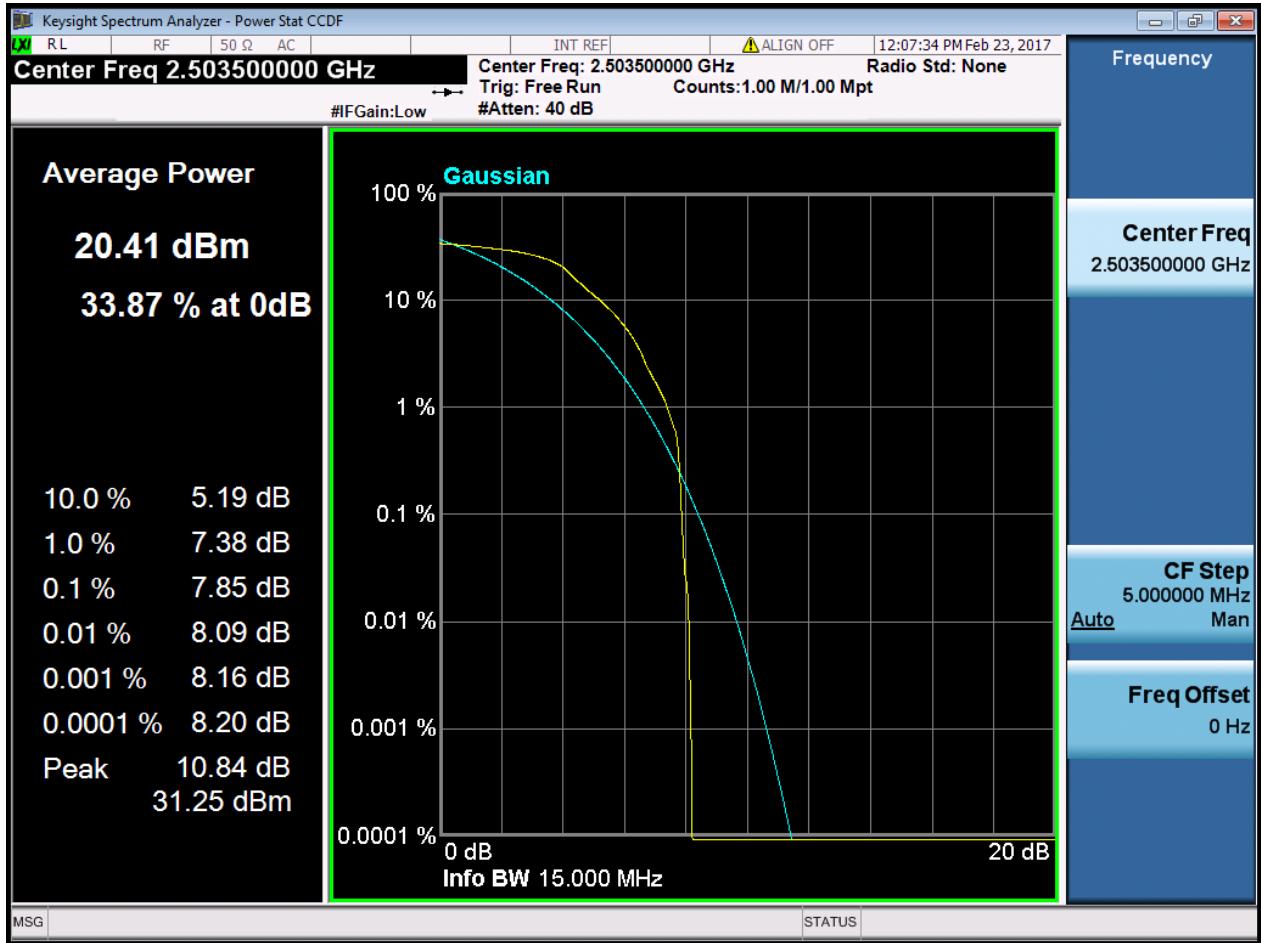
1.89. LTE Peak to Average Ratio(NTNV)(Subtest:89, Channel:39725, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2503.5	0.1	7.77	13	Pass



1.90. LTE Peak to Average Ratio(NTNV)(Subtest:90, Channel:39725, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2503.5	0.1	7.85	13	Pass



Average Power
20.41 dBm
33.87 % at 0dB

10.0 %	5.19 dB
1.0 %	7.38 dB
0.1 %	7.85 dB
0.01 %	8.09 dB
0.001 %	8.16 dB
0.0001 %	8.20 dB
Peak	10.84 dB
	31.25 dBm

Gaussian

Center Freq: 2.503500000 GHz Radio Std: None
 Trig: Free Run Counts: 1.00 M/1.00 Mpt
 #IFGain:Low #Atten: 40 dB

Frequency: 2.503500000 GHz
 CF Step: 5.000000 MHz Man
 Auto
 Freq Offset: 0 Hz

1.91. LTE Peak to Average Ratio(NTNV)(Subtest:91, Channel:39725, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2503.5	0.1	7.74	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 12:07:38 PM Feb 23, 2017

Center Freq 2.503500000 GHz Center Freq: 2.503500000 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power 20.70 dBm
35.26 % at 0dB

10.0 % 5.06 dB
1.0 % 7.24 dB
0.1 % 7.74 dB
0.01 % 7.96 dB
0.001 % 8.01 dB
0.0001 % 8.04 dB
Peak 15.63 dB
36.33 dBm

Gaussian



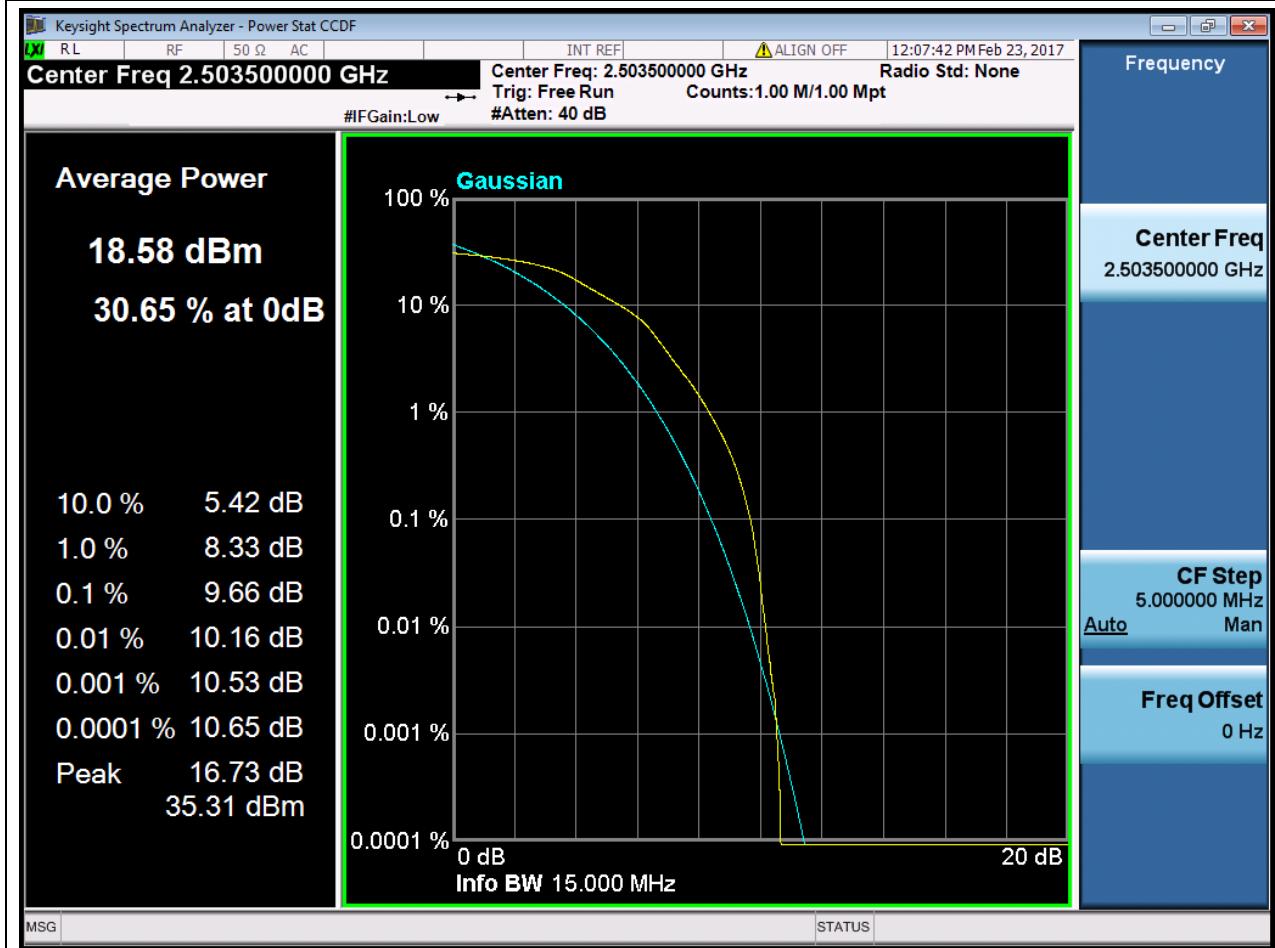
0 dB 20 dB Info BW 15.000 MHz

Frequency
Center Freq 2.503500000 GHz
CF Step 5.000000 MHz Man
Freq Offset 0 Hz

MSG STATUS

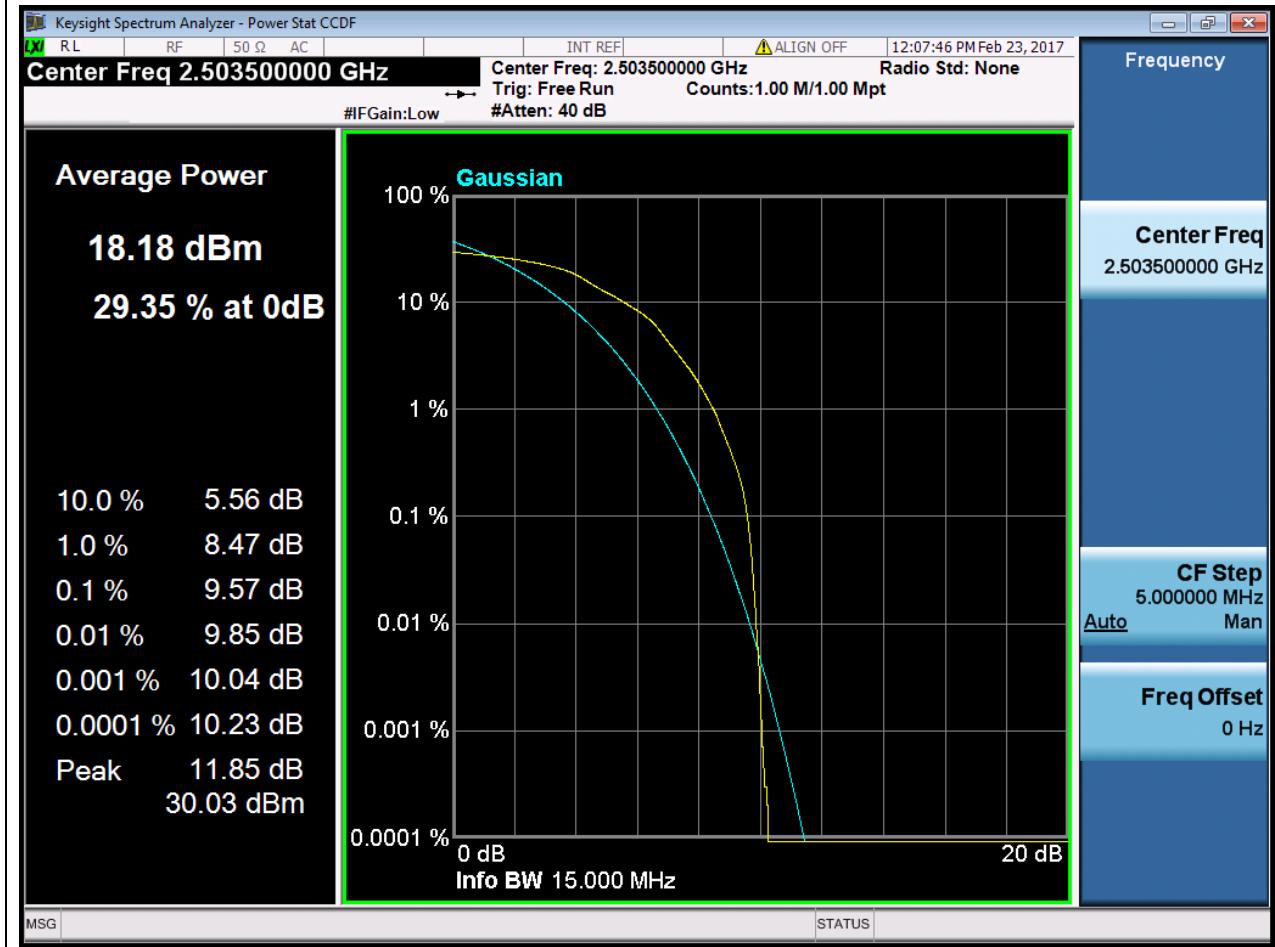
1.92. LTE Peak to Average Ratio(NTNV)(Subtest:92, Channel:39725, Bandwidth:15, Modulation:16QAM, RB Number: 75, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2503.5	0.1	9.66	13	Pass



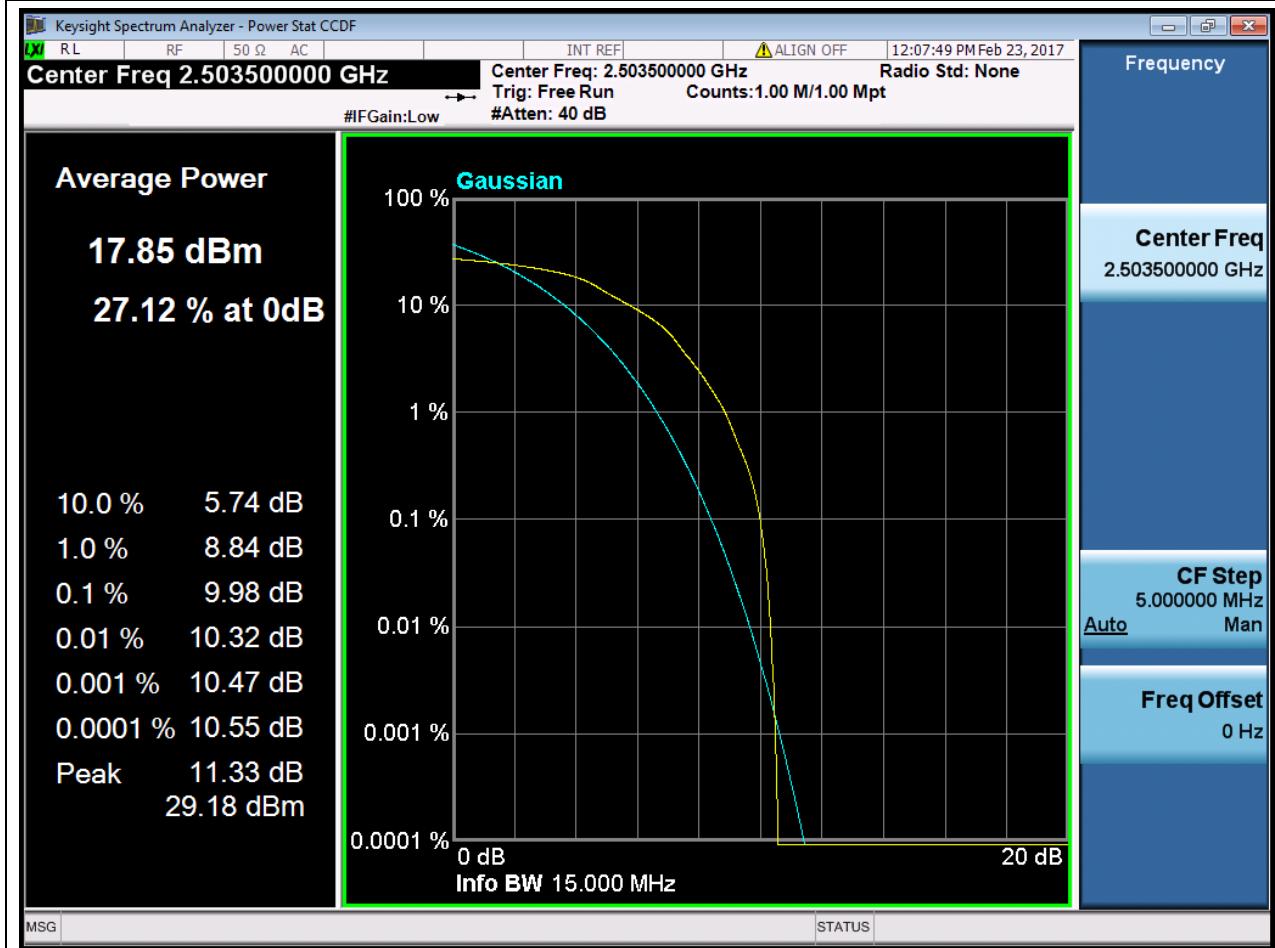
1.93. LTE Peak to Average Ratio(NTNV)(Subtest:93, Channel:39725, Bandwidth:15, Modulation:16QAM, RB Number: 36, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2503.5	0.1	9.57	13	Pass



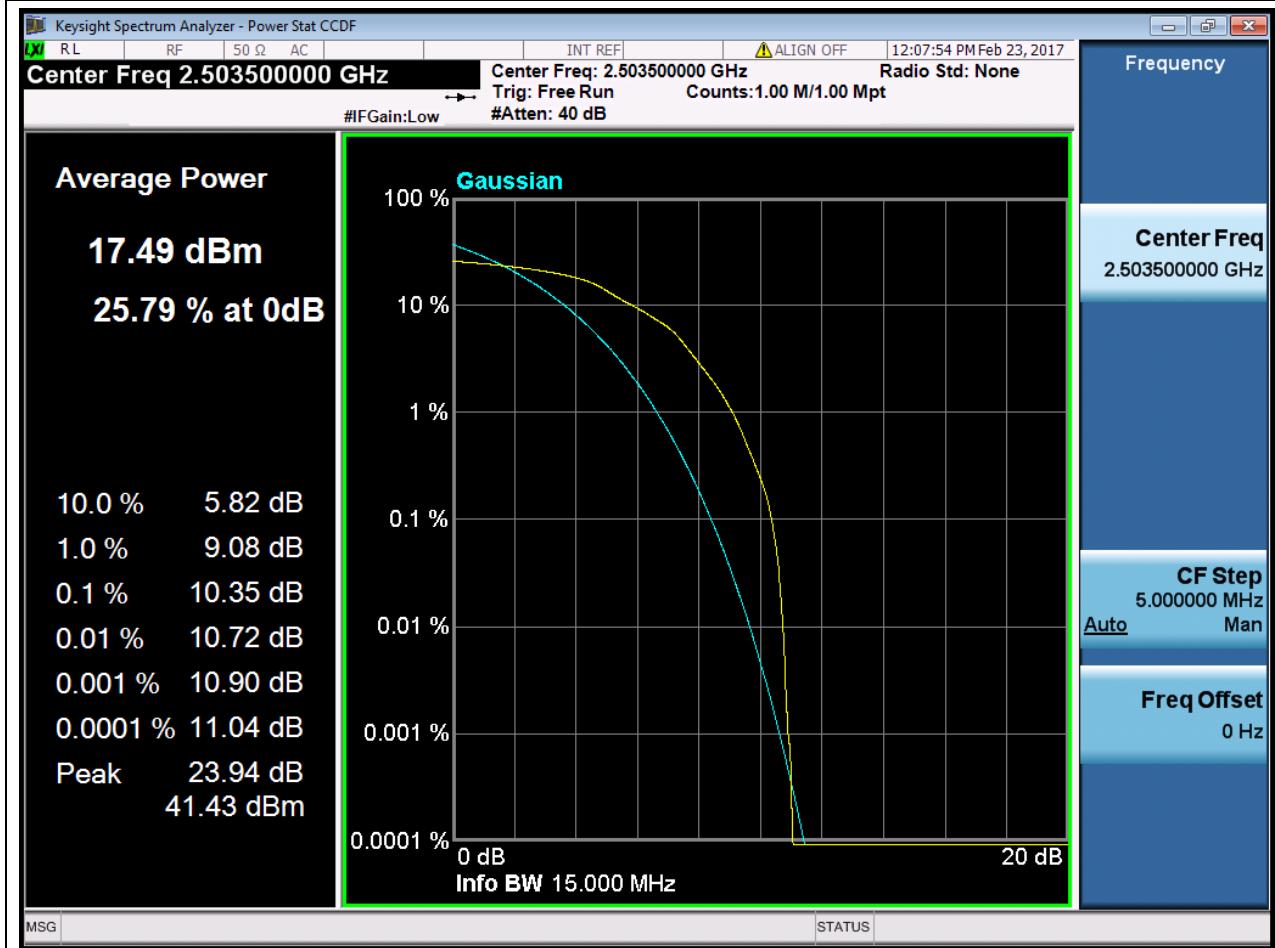
1.94. LTE Peak to Average Ratio(NTNV)(Subtest:94, Channel:39725, Bandwidth:15, Modulation:16QAM, RB Number: 36, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2503.5	0.1	9.98	13	Pass



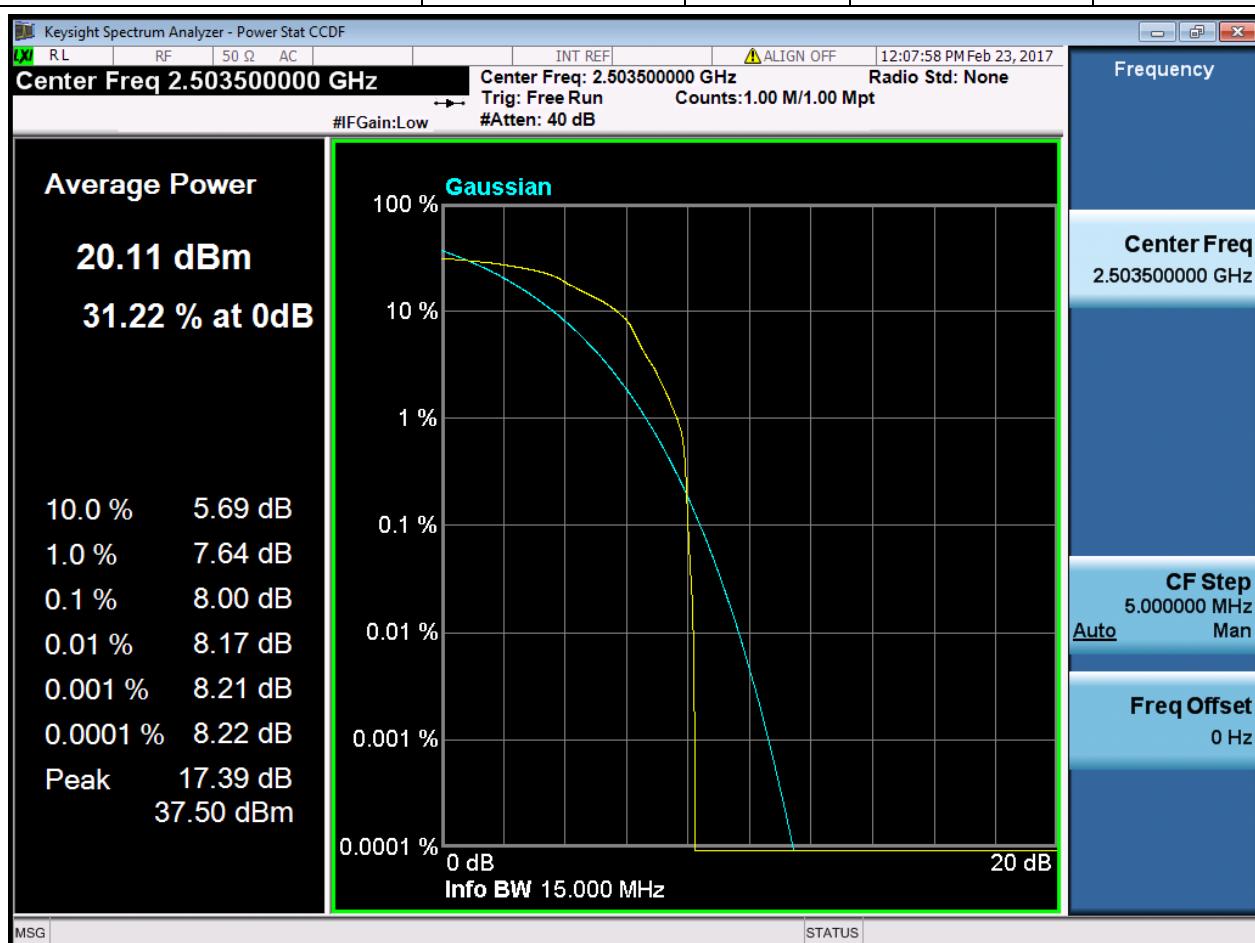
1.95. LTE Peak to Average Ratio(NTNV)(Subtest:95, Channel:39725, Bandwidth:15, Modulation:16QAM, RB Number: 36, RB Position:HIGH)

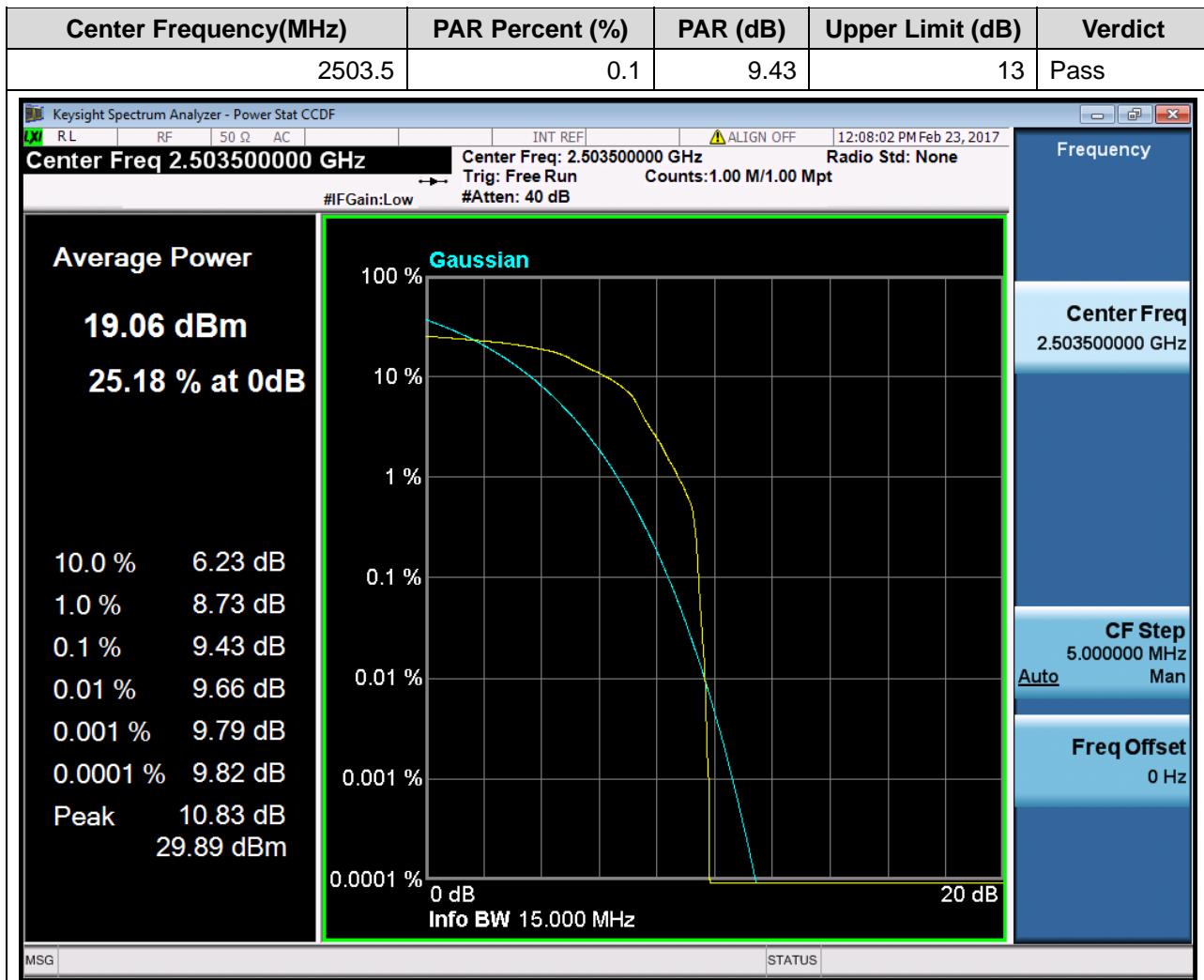
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2503.5	0.1	10.35	13	Pass



1.96. LTE Peak to Average Ratio(NTNV)(Subtest:96, Channel:39725, Bandwidth:15, Modulation:16QAM, RB Number: 1, RB Position:LOW)

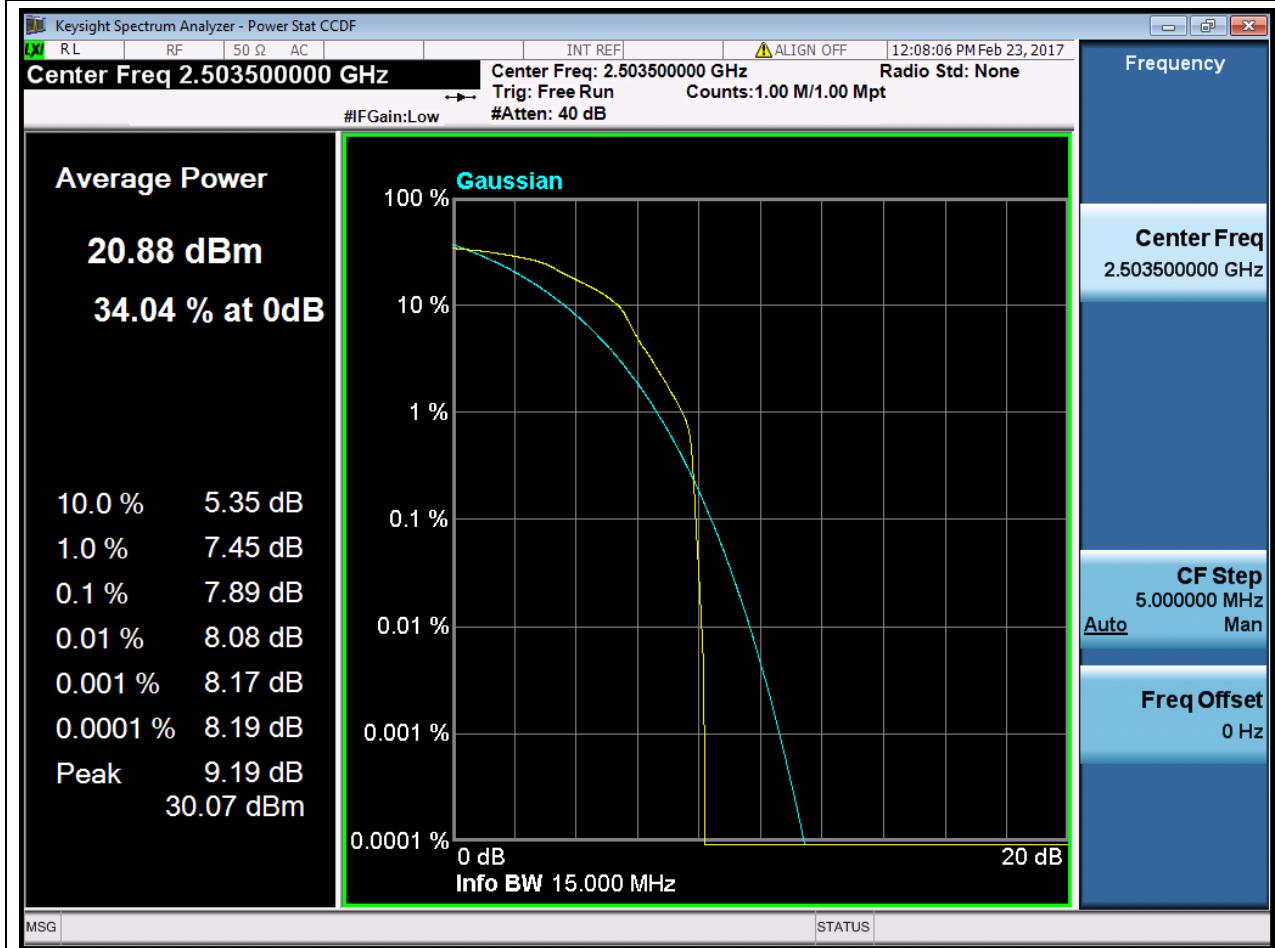
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2503.5	0.1	8	13	Pass



1.97. LTE Peak to Average Ratio(NTNV)(Subtest:97, Channel:39725, Bandwidth:15, Modulation:16QAM, RB Number: 1, RB Position:MID)


1.98. LTE Peak to Average Ratio(NTNV)(Subtest:98, Channel:39725, Bandwidth:15, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2503.5	0.1	7.89	13	Pass



1.99. LTE Peak to Average Ratio(NTNV)(Subtest:99, Channel:40620, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2593	0.1	9.37	13	Pass

