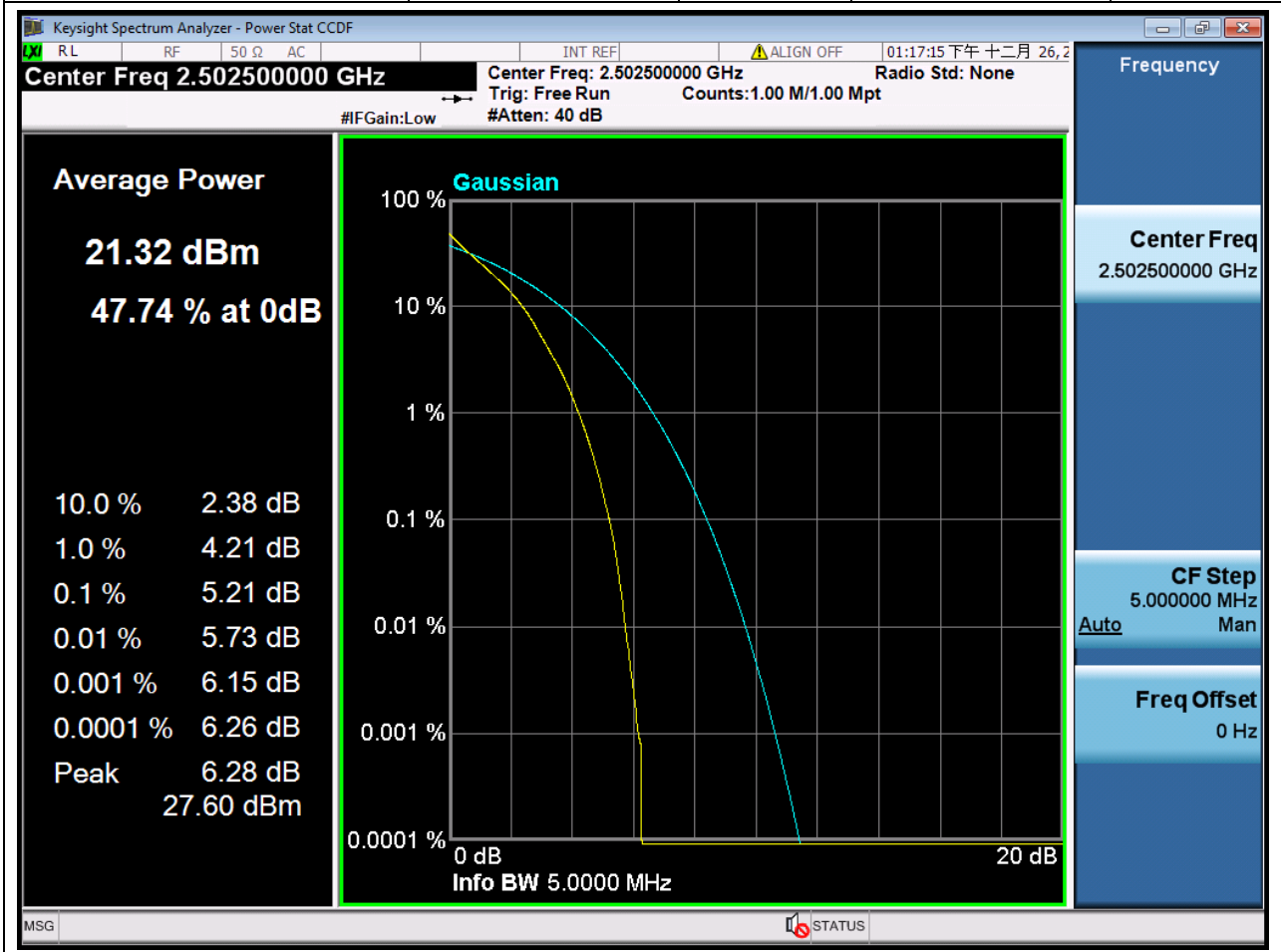


Annex B. LTE Peak to Average Ratio

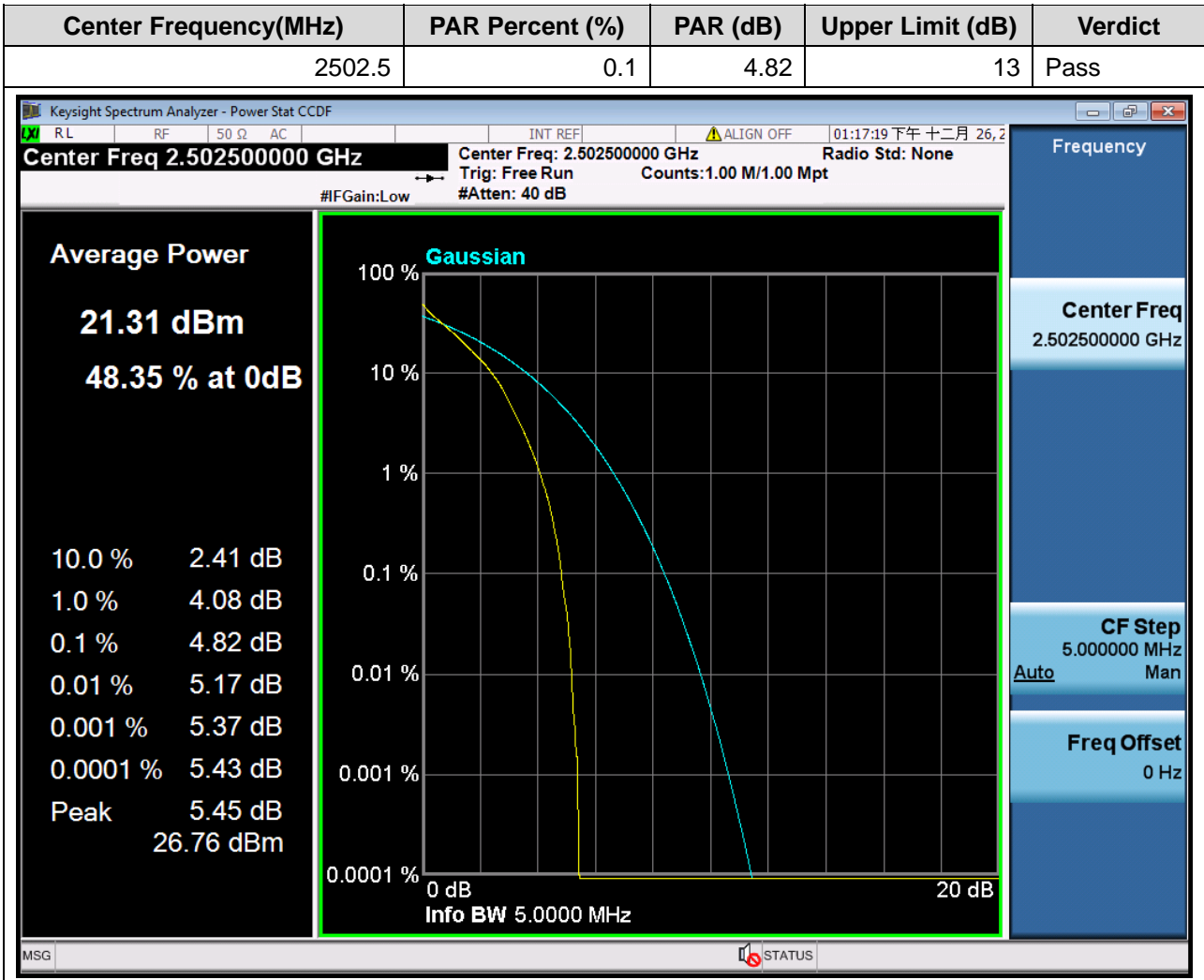
1. LTE_Band7

1.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:20775, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

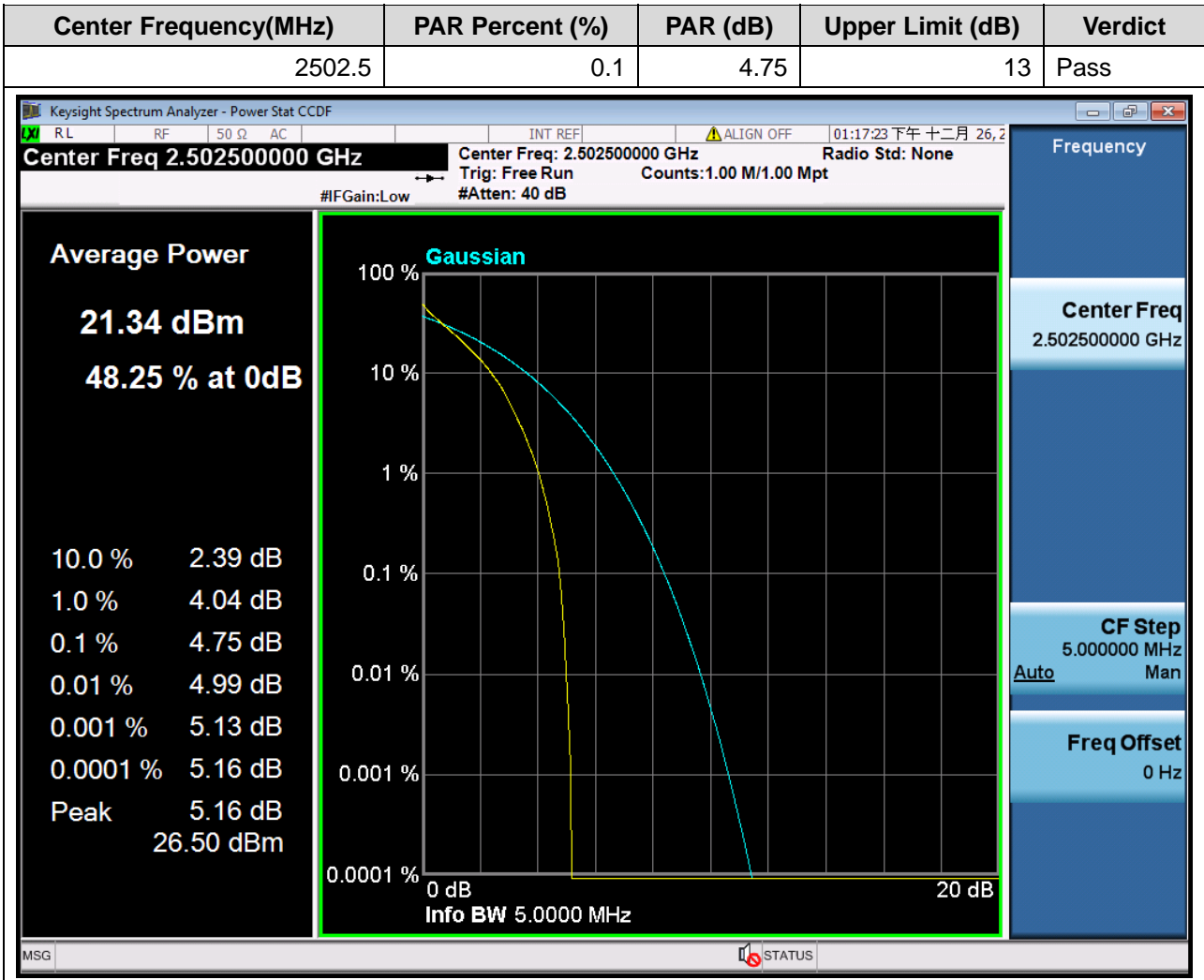
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2502.5	0.1	5.21	13	Pass



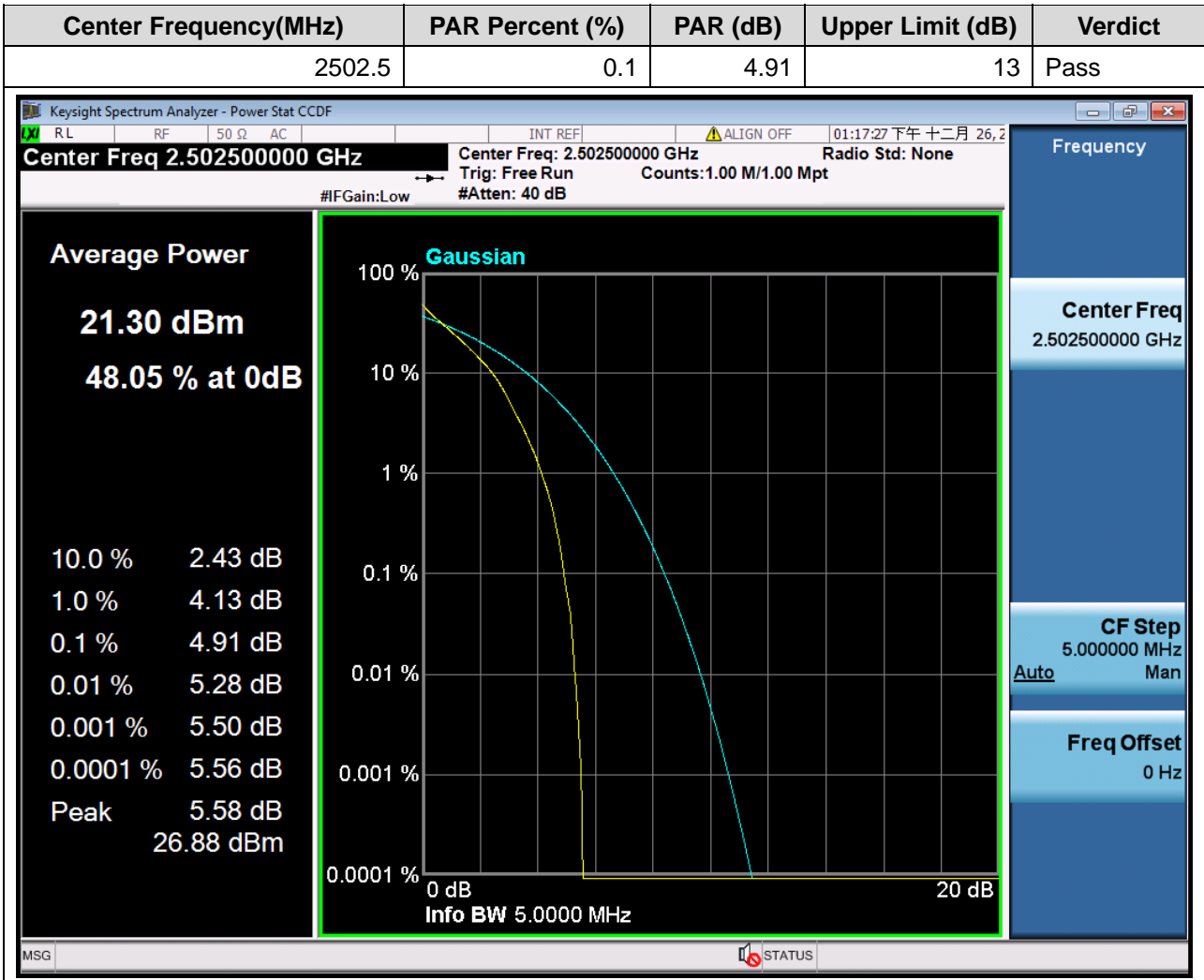
1.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:20775, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:LOW)



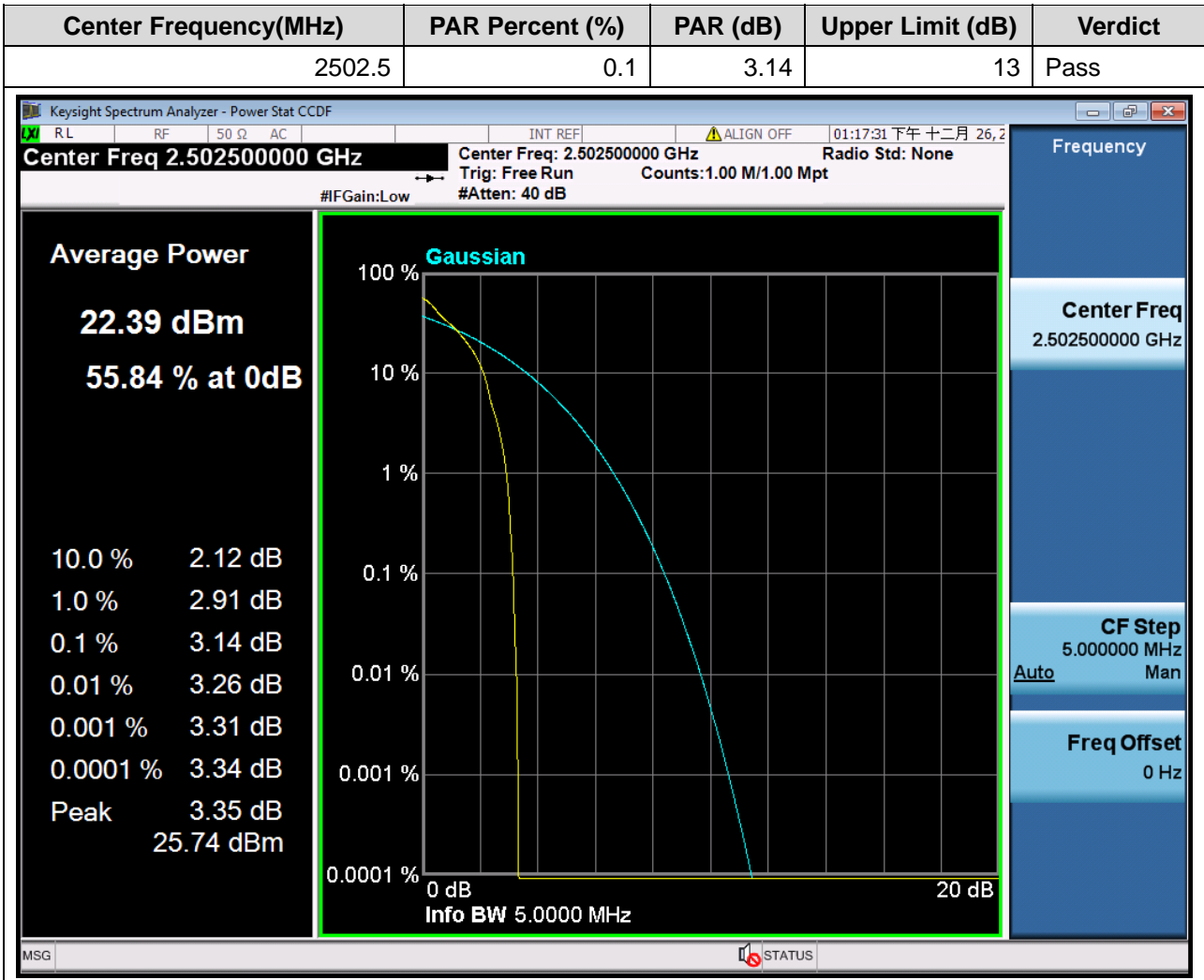
1.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:20775, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:MID)



1.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:20775, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:HIGH)

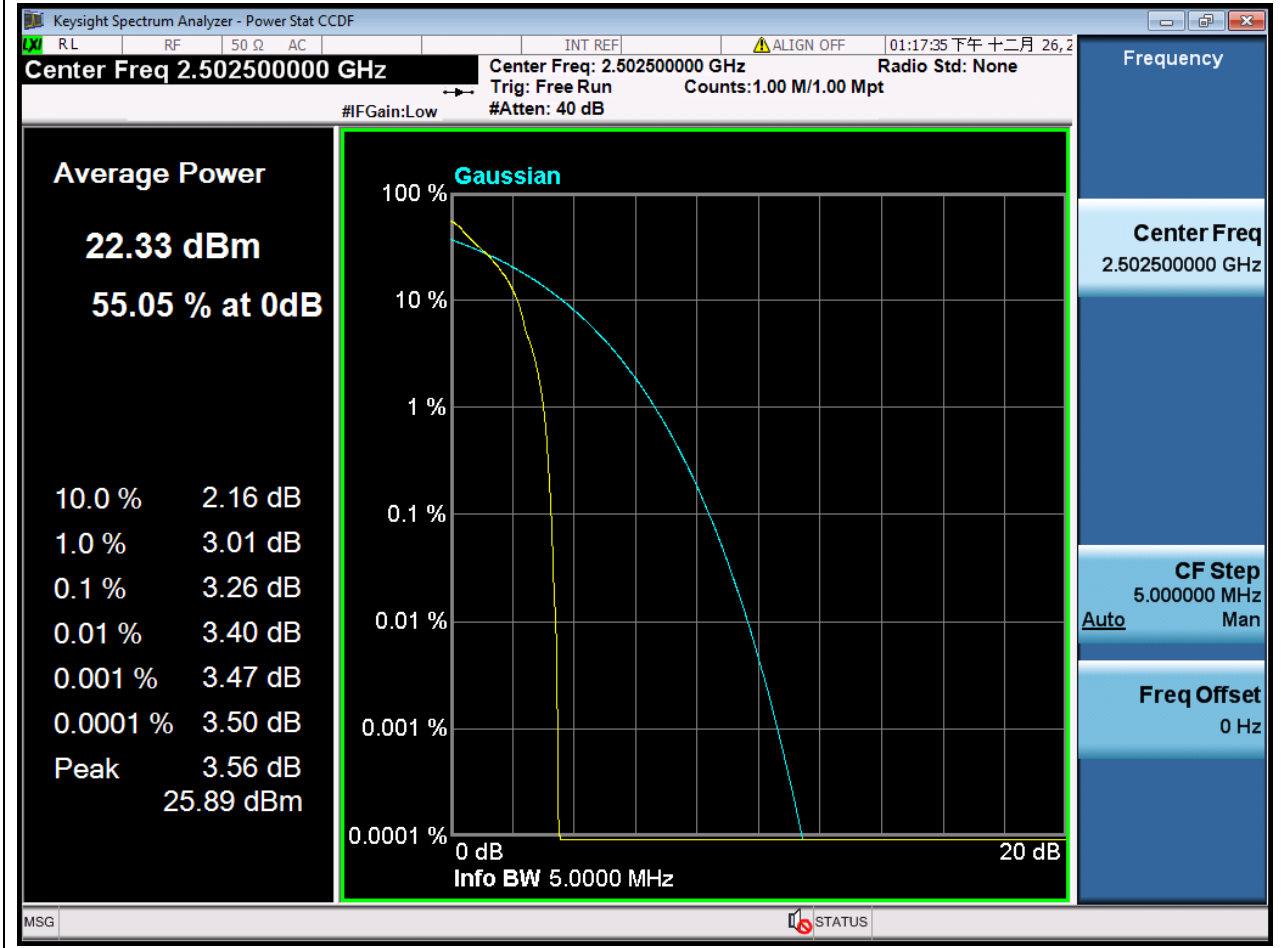


1.5. LTE Peak to Average Ratio(NTNV)(Subtest:5, Channel:20775, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

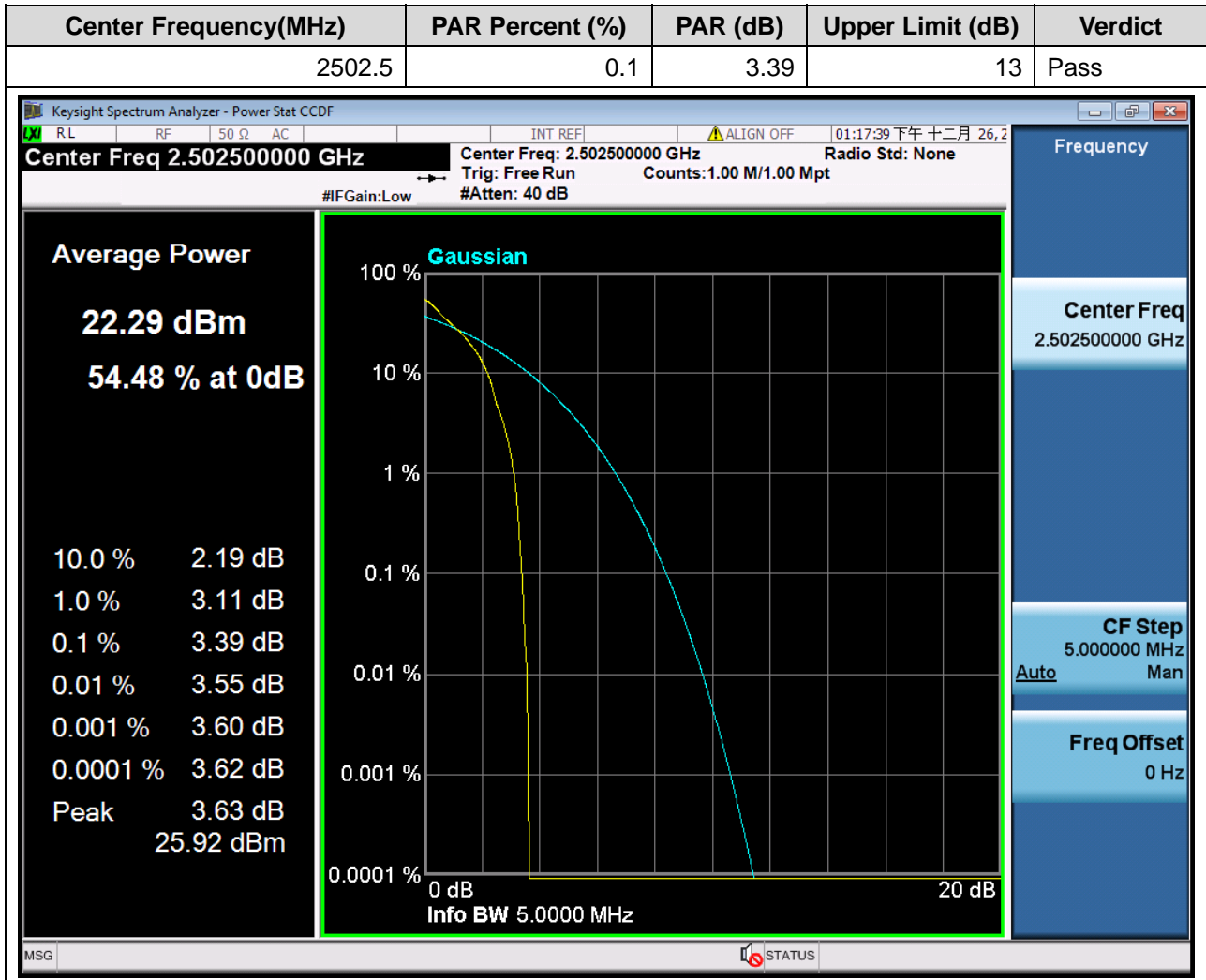


1.6. LTE Peak to Average Ratio(NTNV)(Subtest:6, Channel:20775, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:MID)

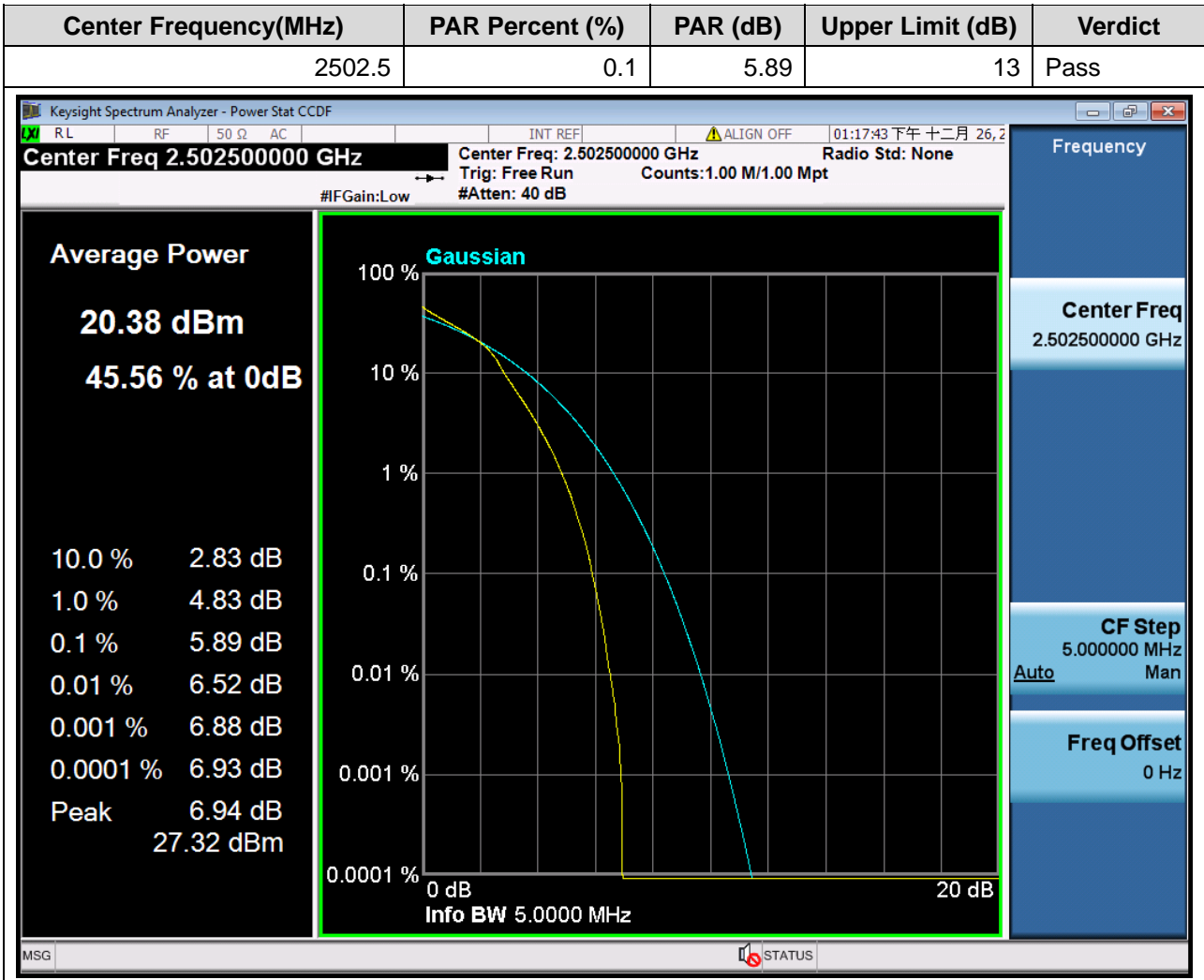
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2502.5	0.1	3.26	13	Pass



1.7. LTE Peak to Average Ratio(NTNV)(Subtest:7, Channel:20775, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

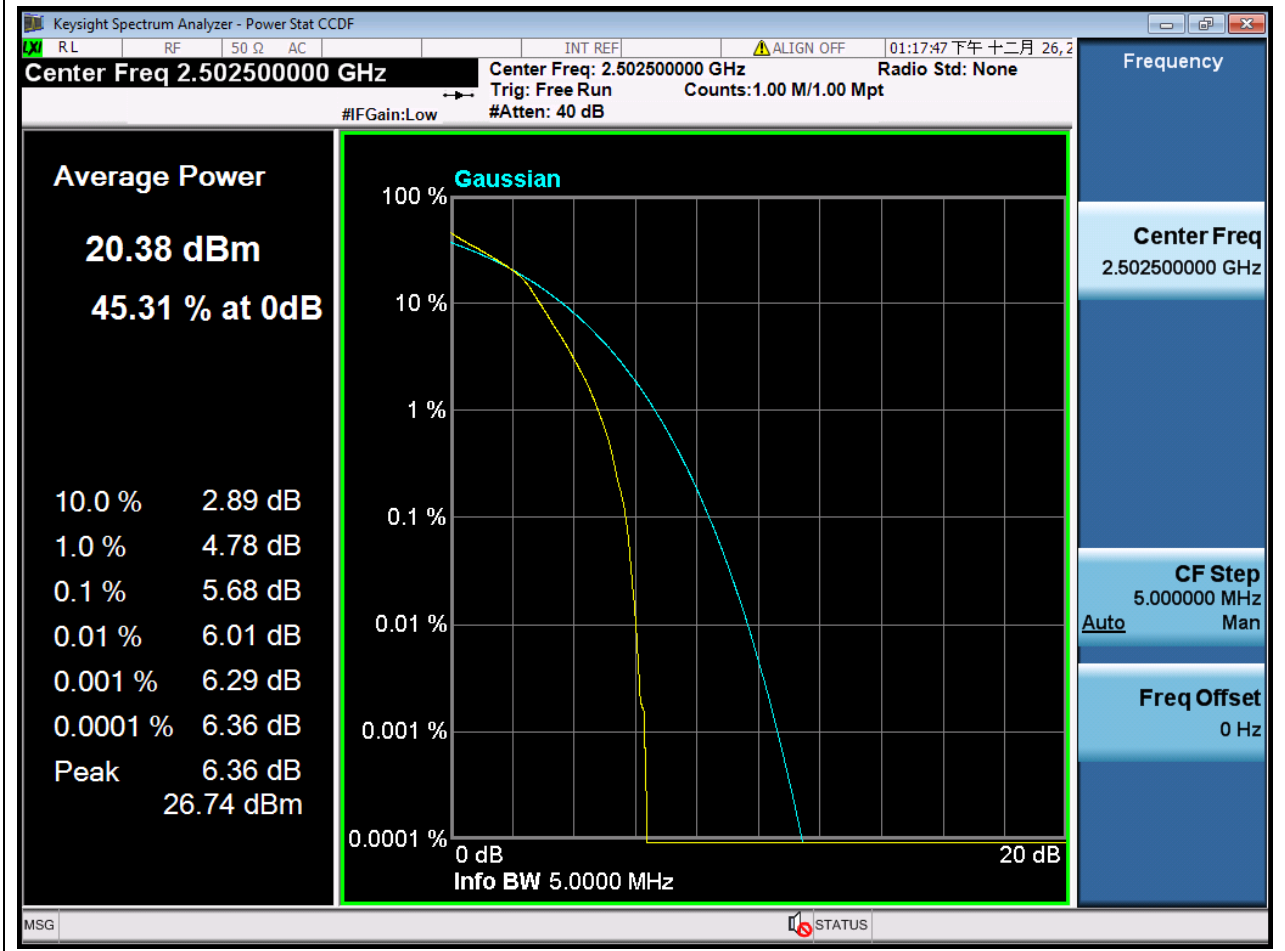


1.8. LTE Peak to Average Ratio(NTNV)(Subtest:8, Channel:20775, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

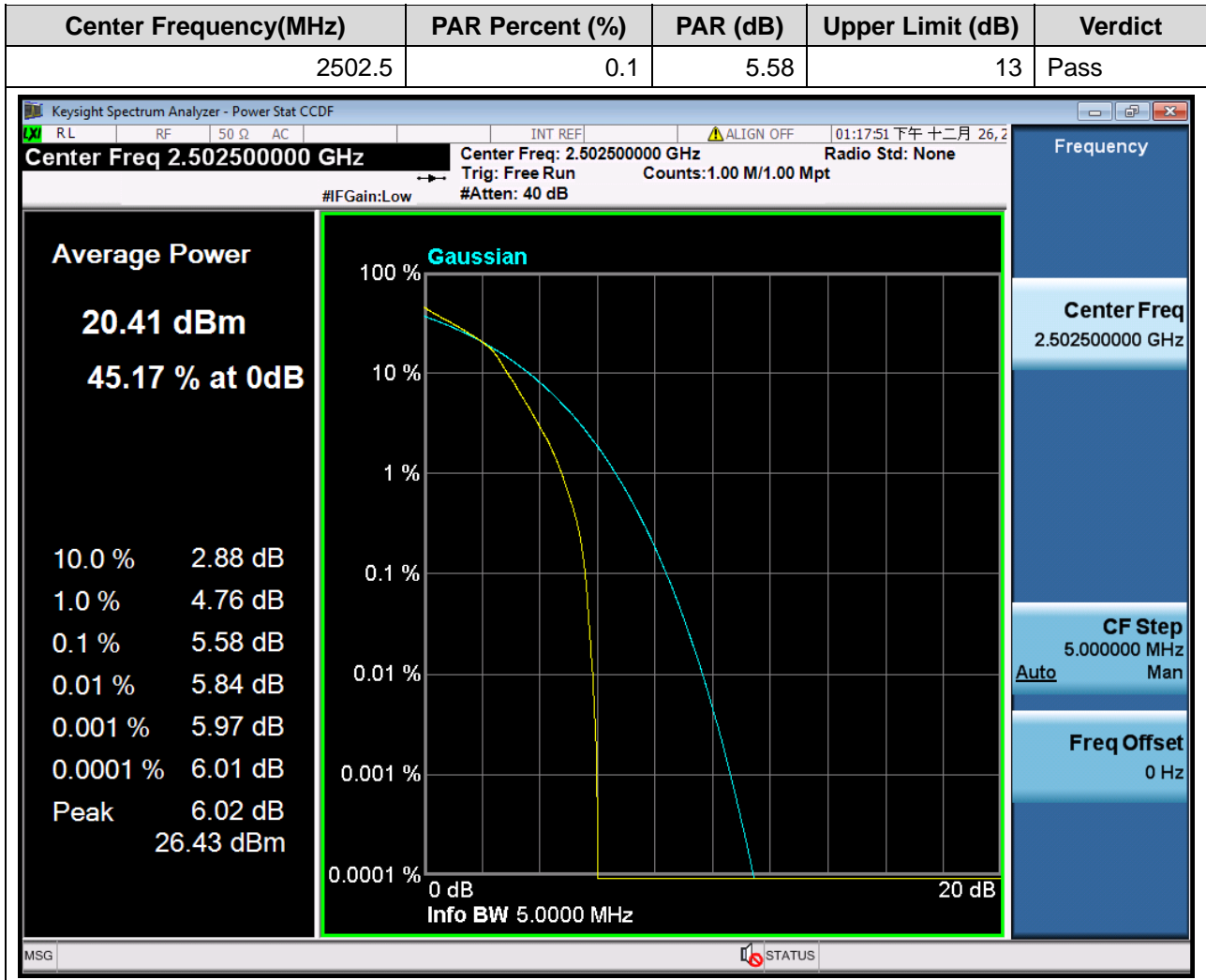


1.9. LTE Peak to Average Ratio(NTNV)(Subtest:9, Channel:20775, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:LOW)

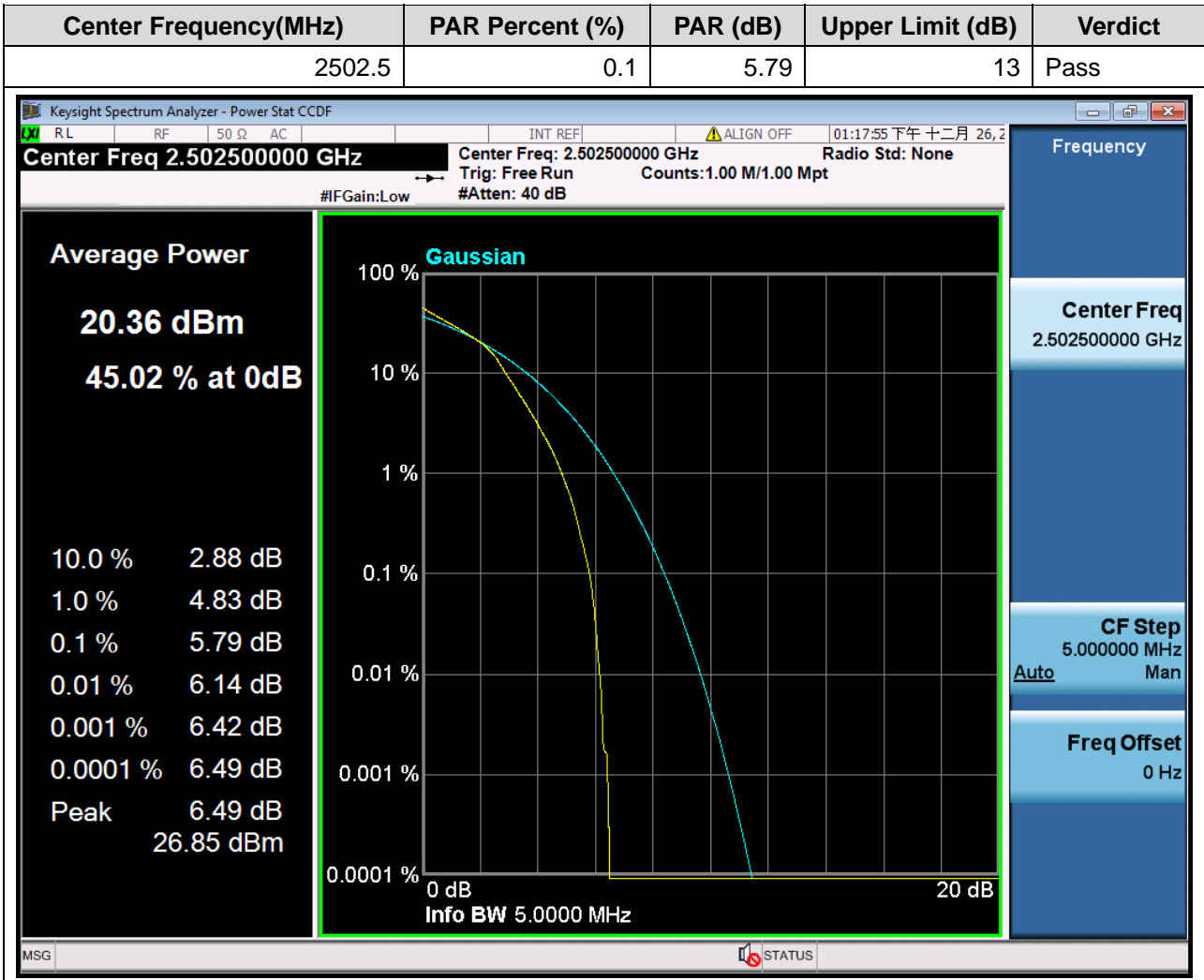
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2502.5	0.1	5.68	13	Pass



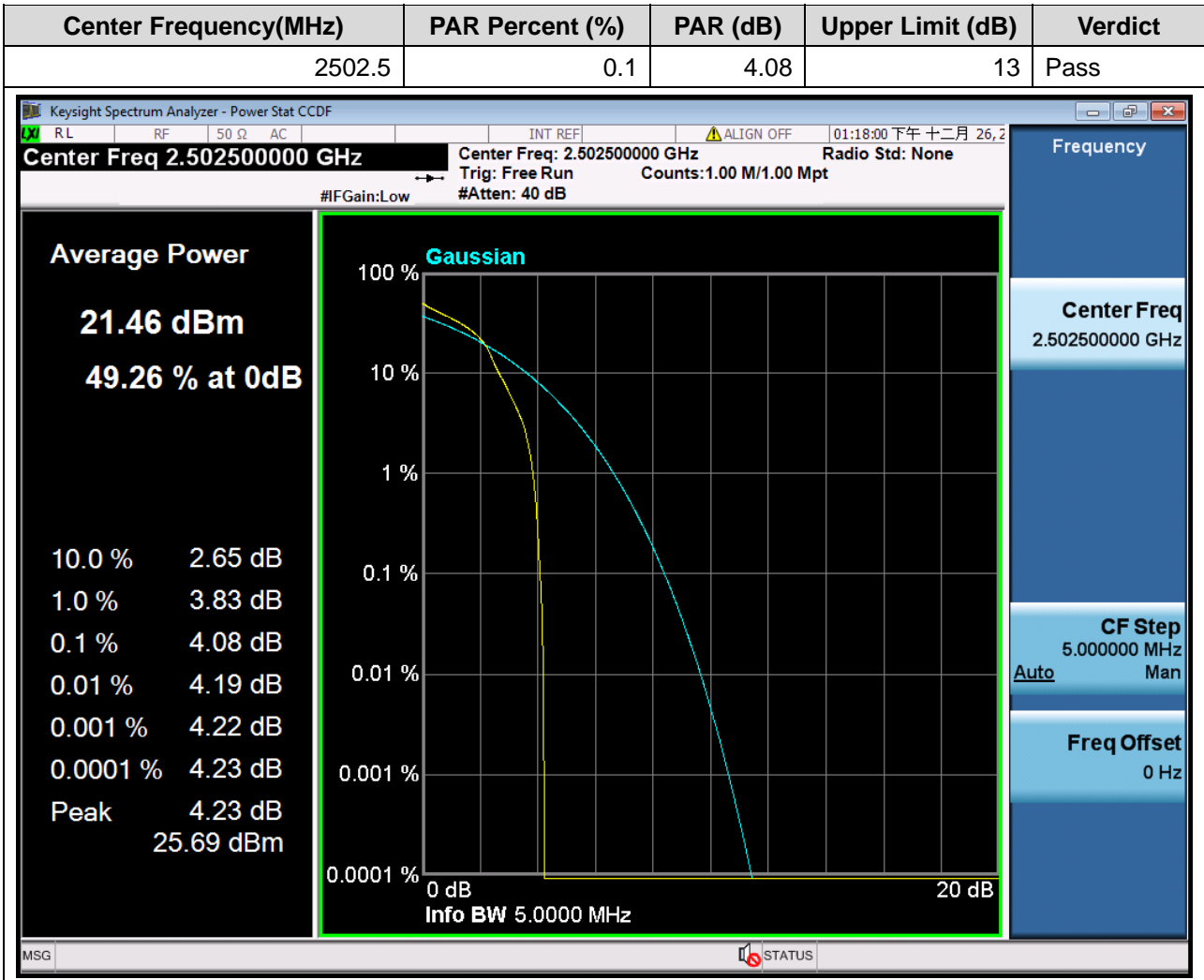
1.10. LTE Peak to Average Ratio(NTNV)(Subtest:10, Channel:20775, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:MID)



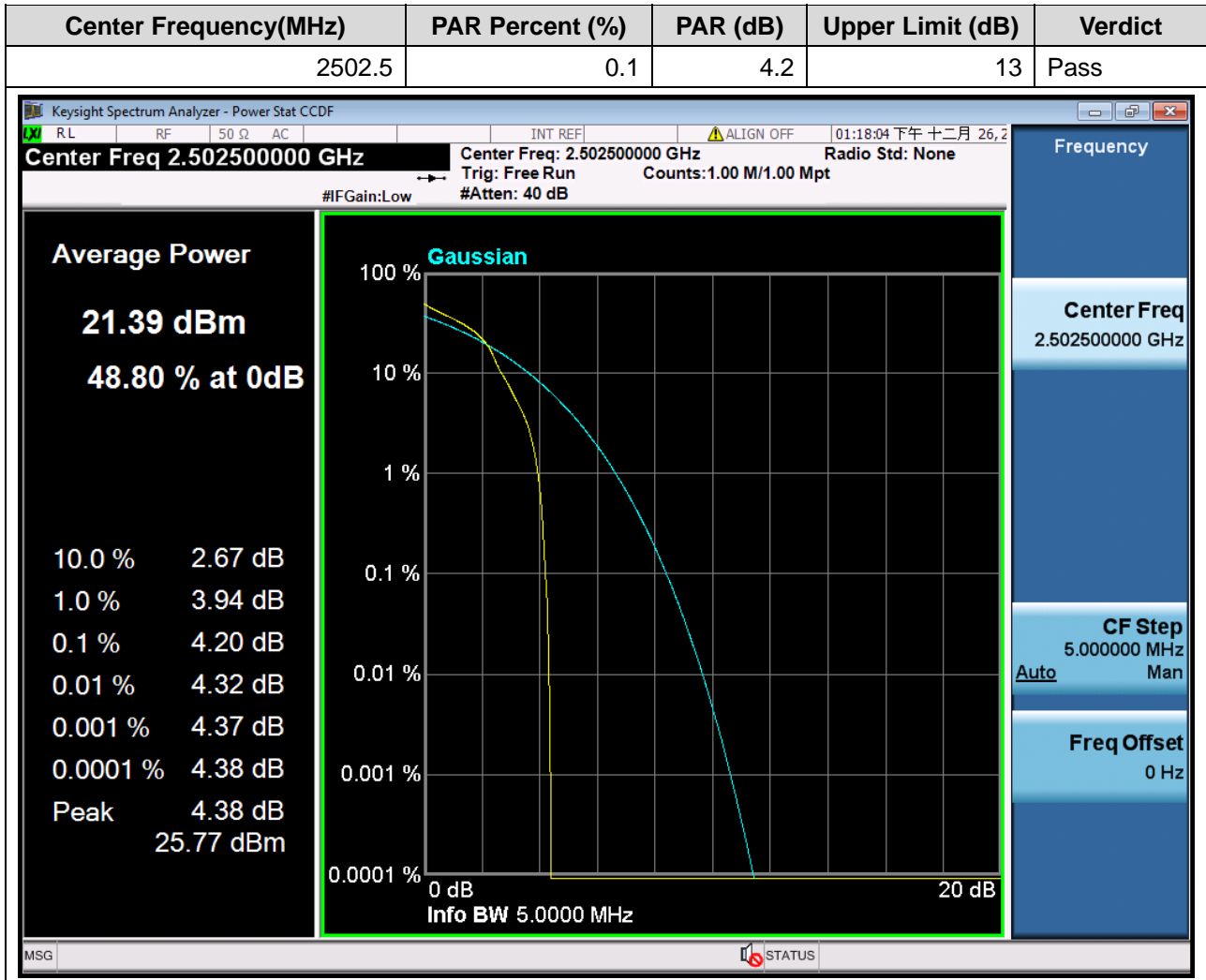
1.11. LTE Peak to Average Ratio(NTNV)(Subtest:11, Channel:20775, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:HIGH)



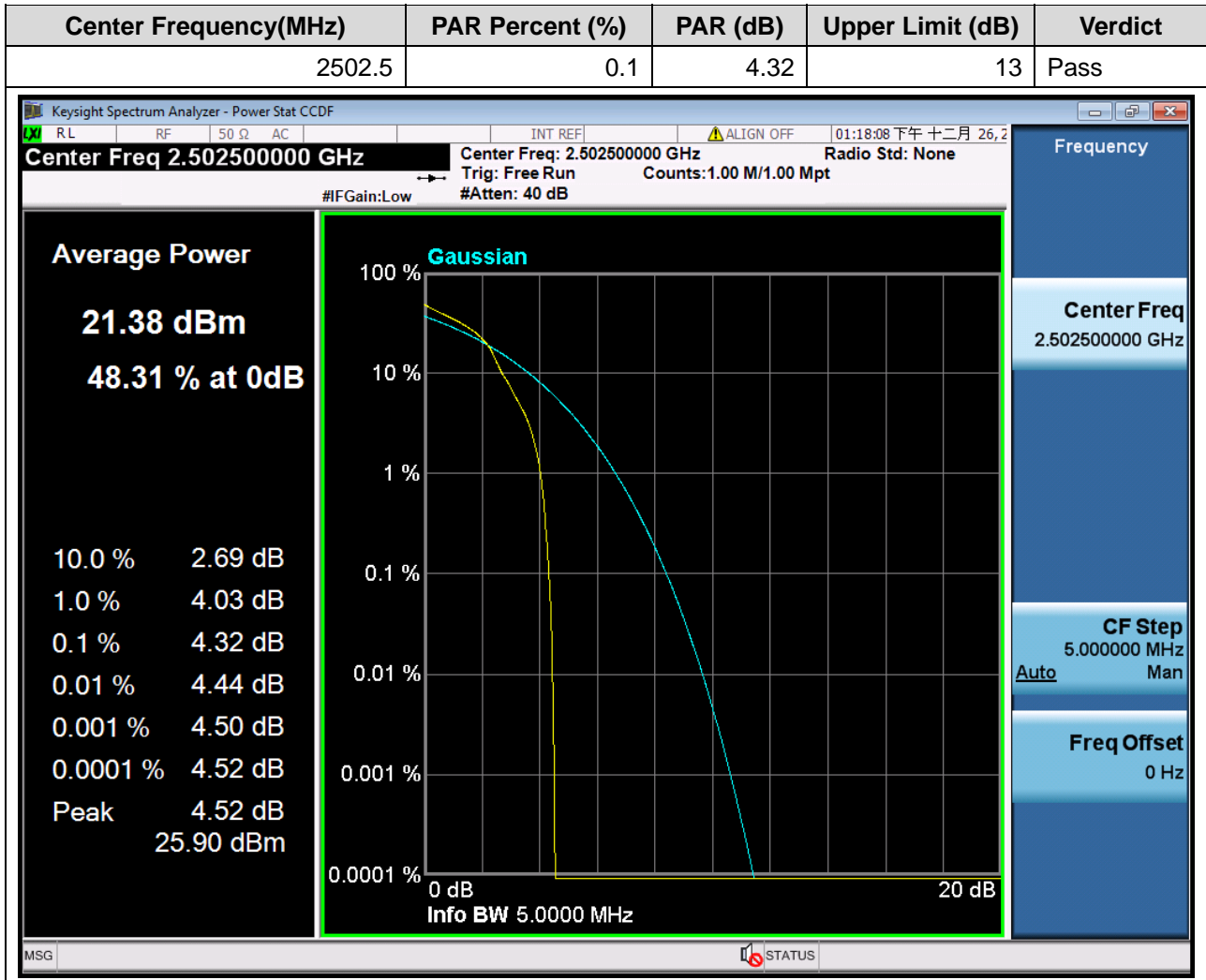
1.12. LTE Peak to Average Ratio(NTNV)(Subtest:12, Channel:20775, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)



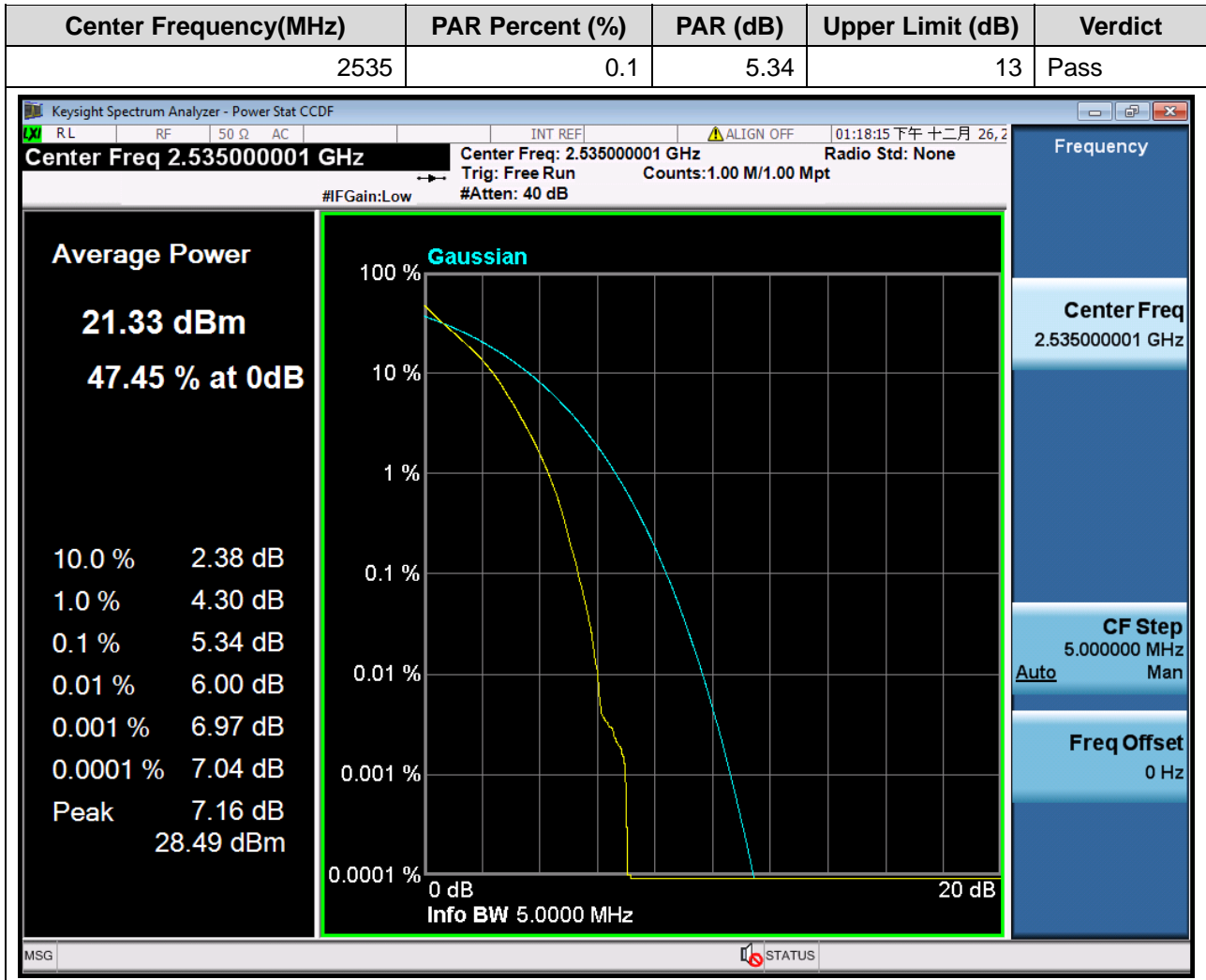
1.13. LTE Peak to Average Ratio(NTNV)(Subtest:13, Channel:20775, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:MID)



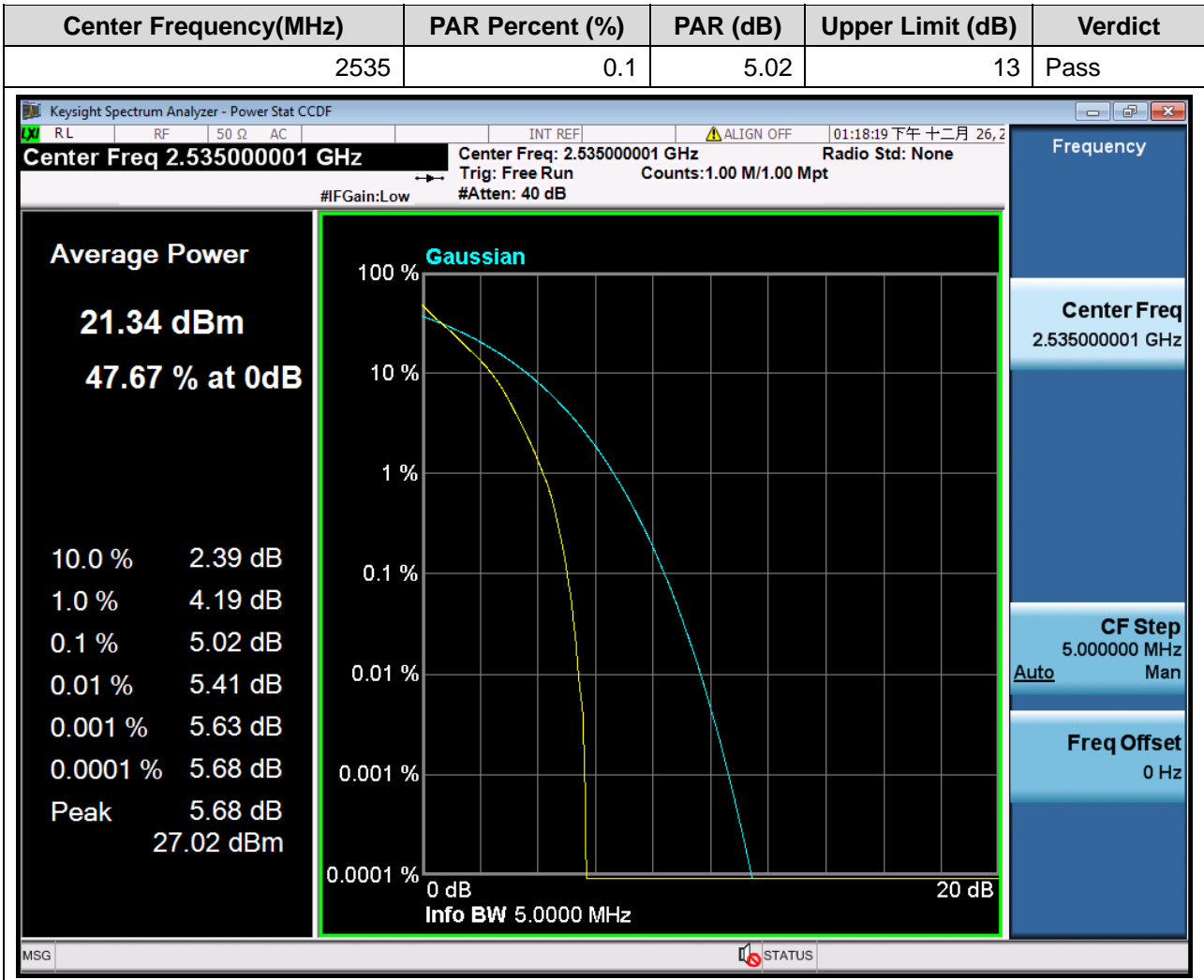
1.14. LTE Peak to Average Ratio(NTNV)(Subtest:14, Channel:20775, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)



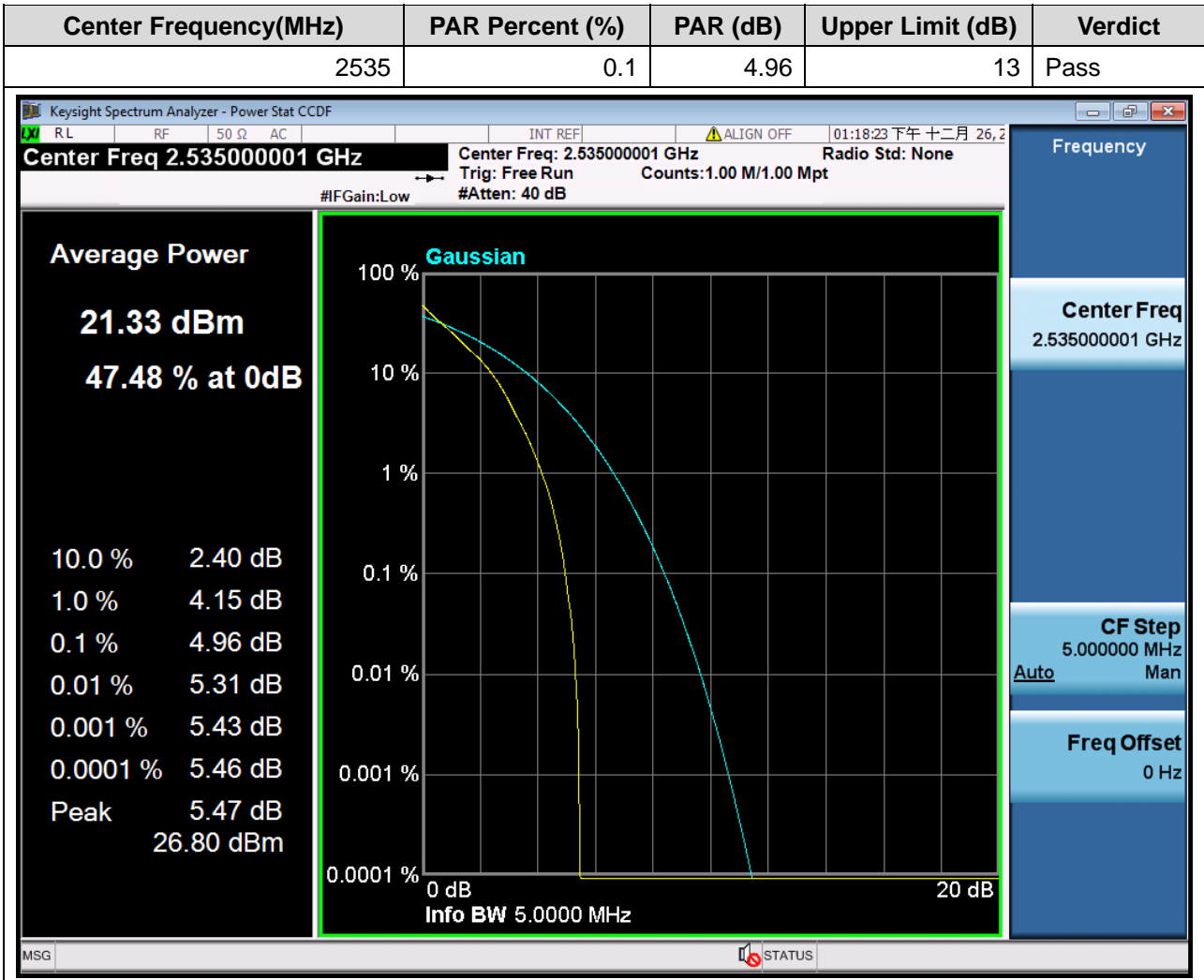
1.15. LTE Peak to Average Ratio(NTNV)(Subtest:15, Channel:21100, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



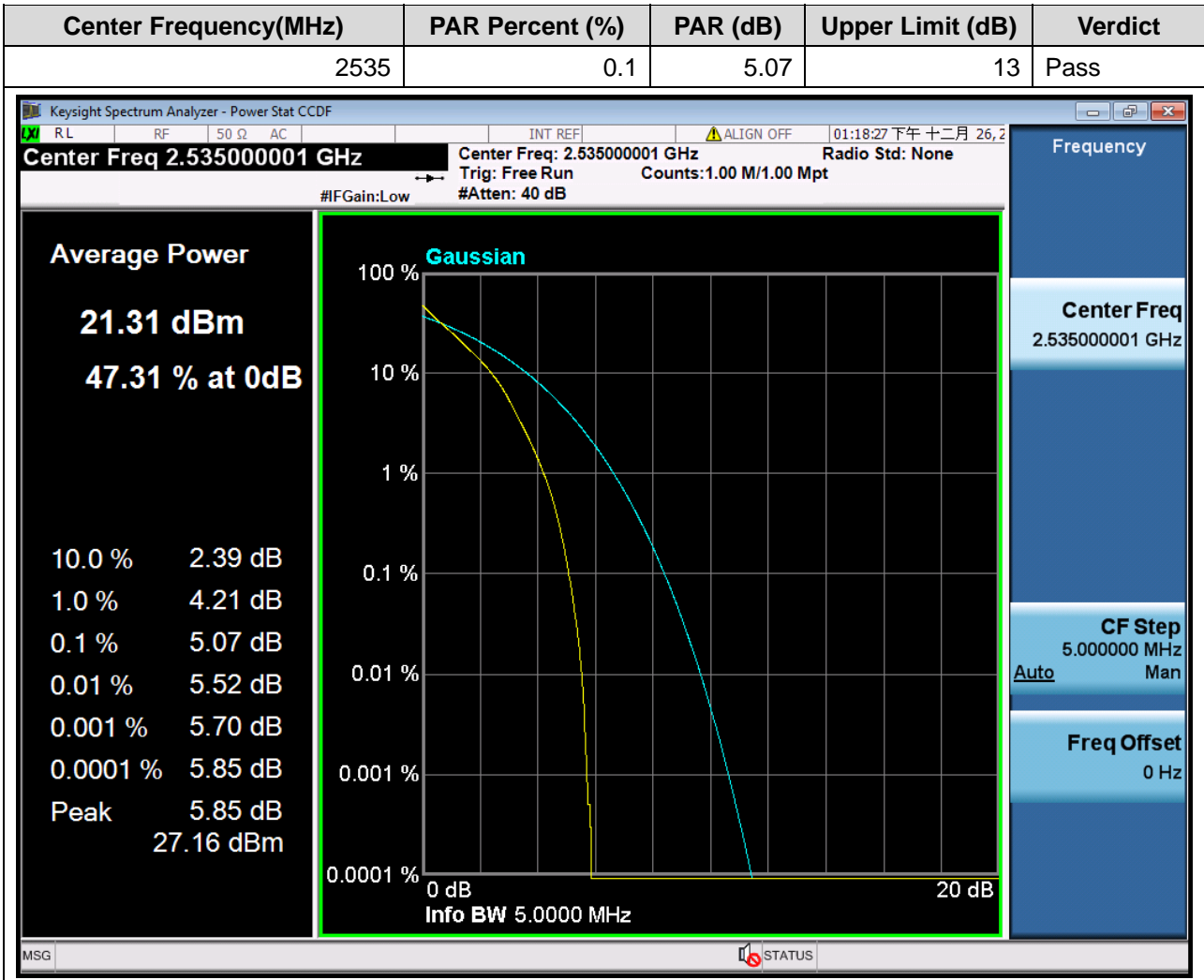
1.16. LTE Peak to Average Ratio(NTNV)(Subtest:16, Channel:21100, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:LOW)



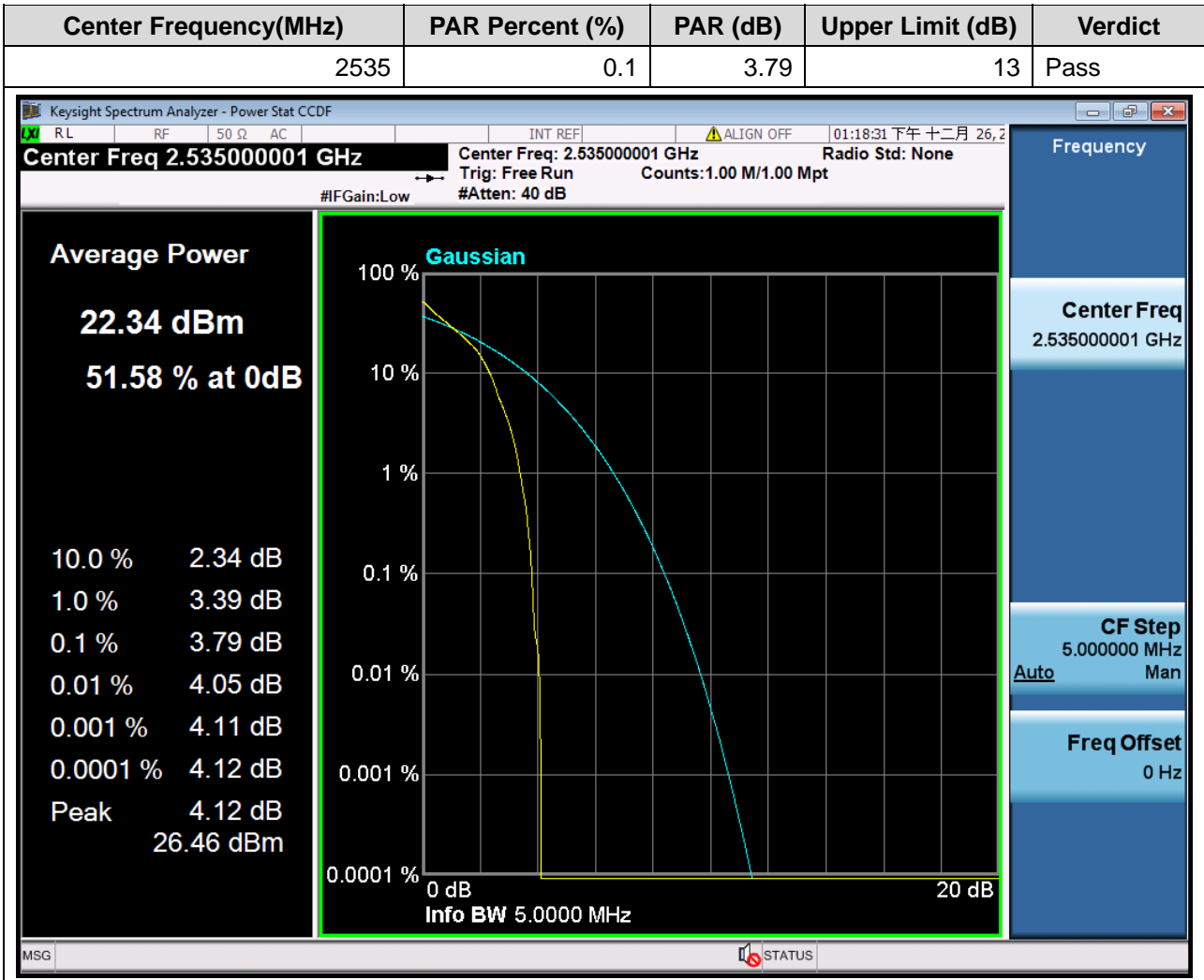
1.17. LTE Peak to Average Ratio(NTNV)(Subtest:17, Channel:21100, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:MID)



1.18. LTE Peak to Average Ratio(NTNV)(Subtest:18, Channel:21100, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:HIGH)

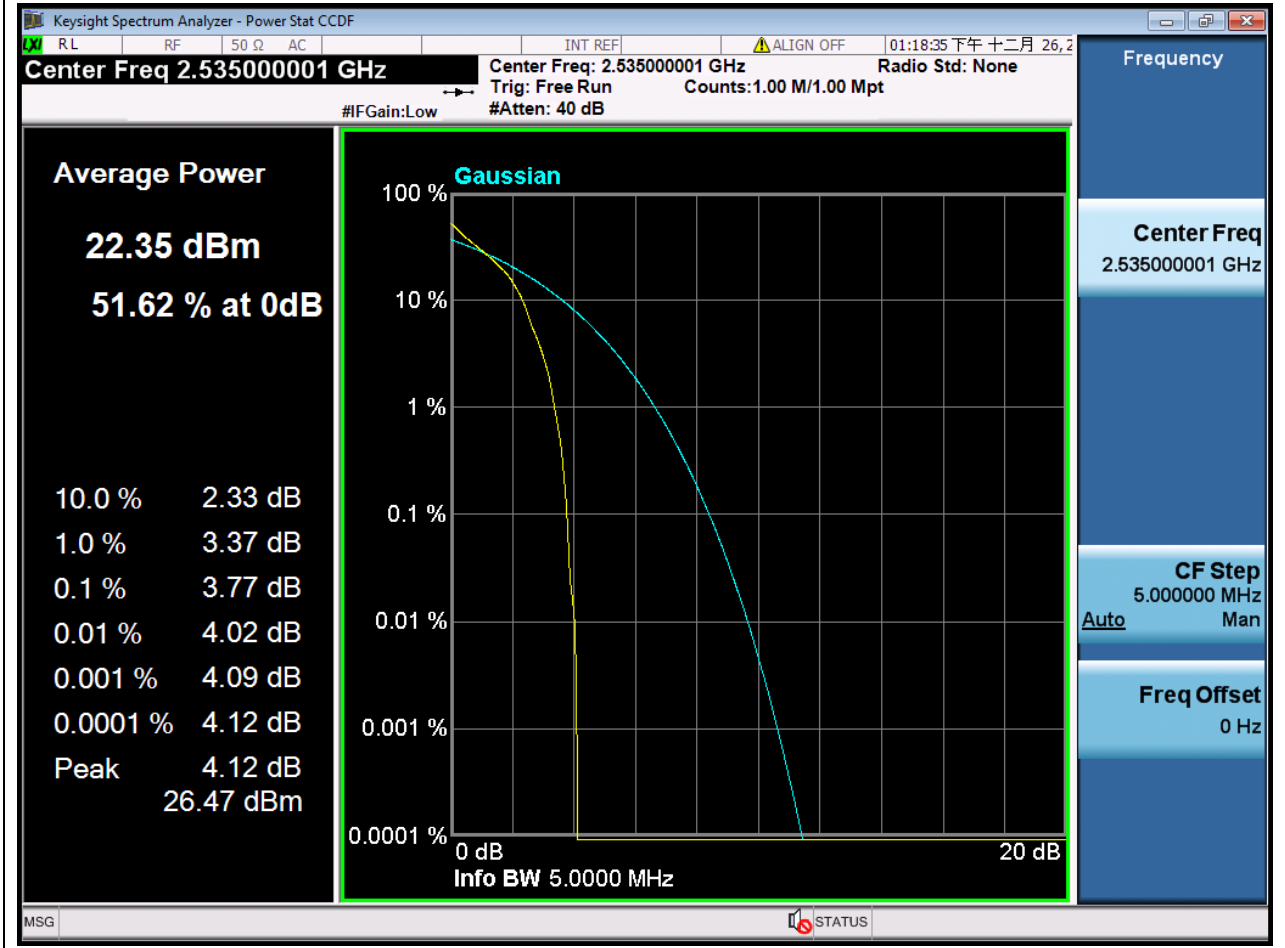


1.19. LTE Peak to Average Ratio(NTNV)(Subtest:19, Channel:21100, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

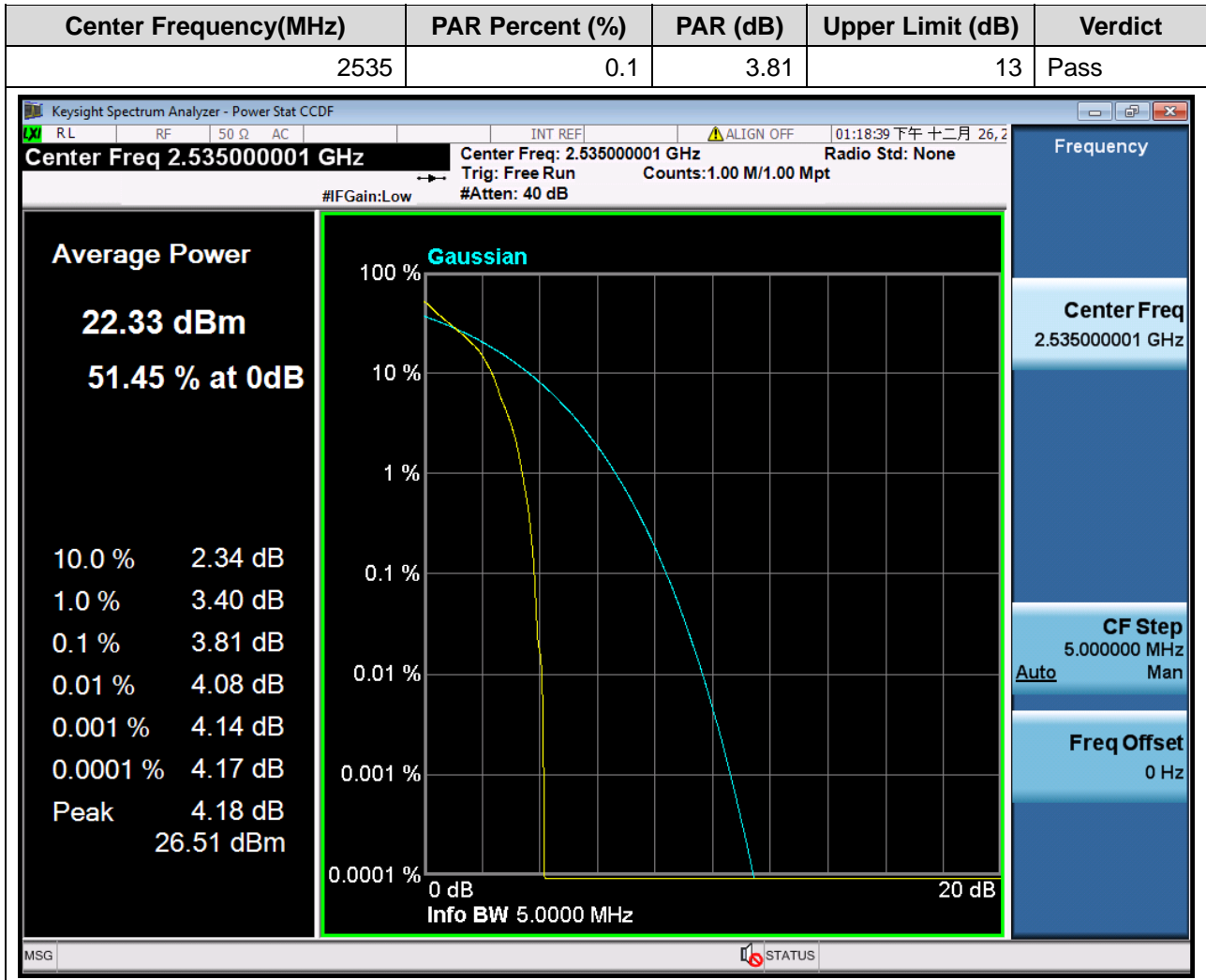


1.20. LTE Peak to Average Ratio(NTNV)(Subtest:20, Channel:21100, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:MID)

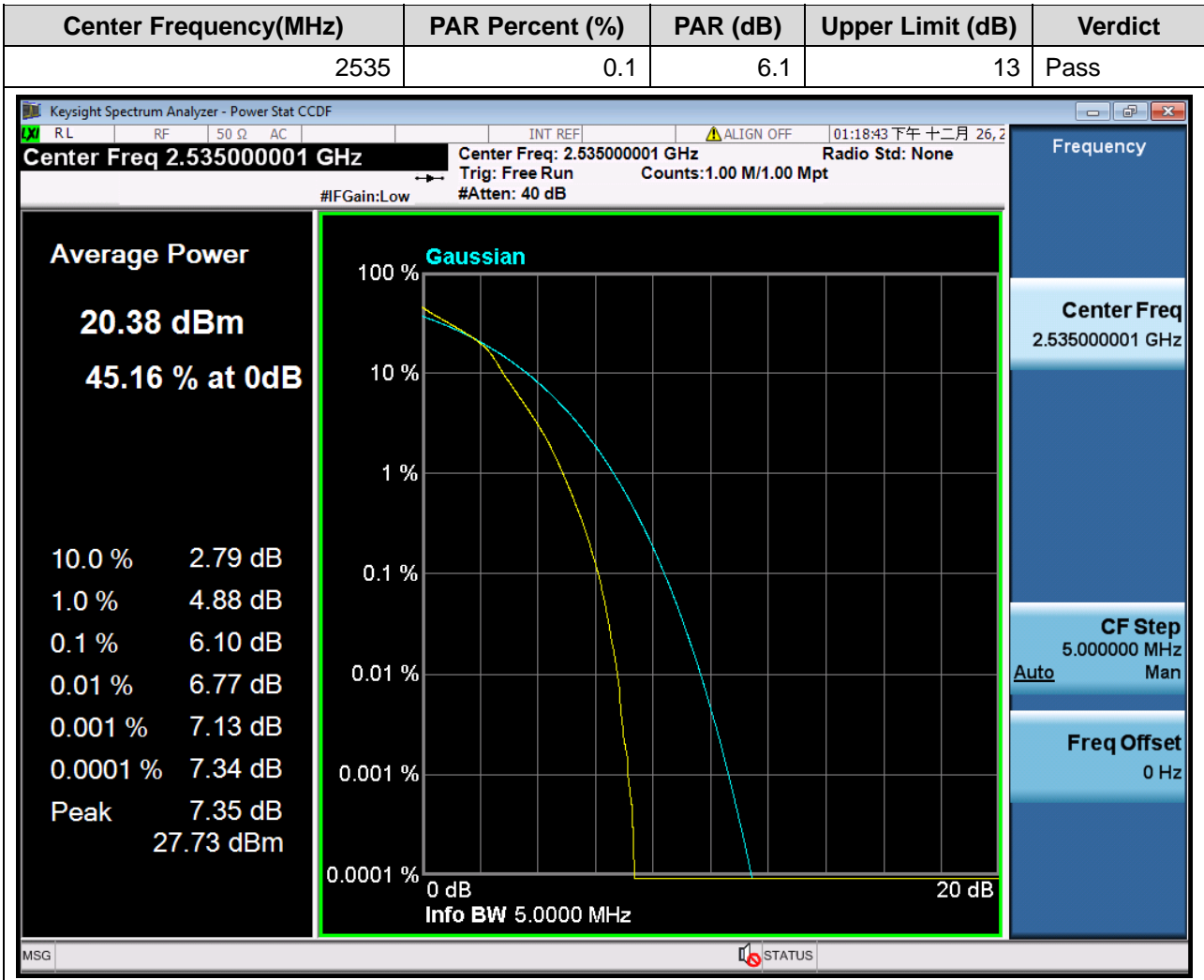
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	3.77	13	Pass



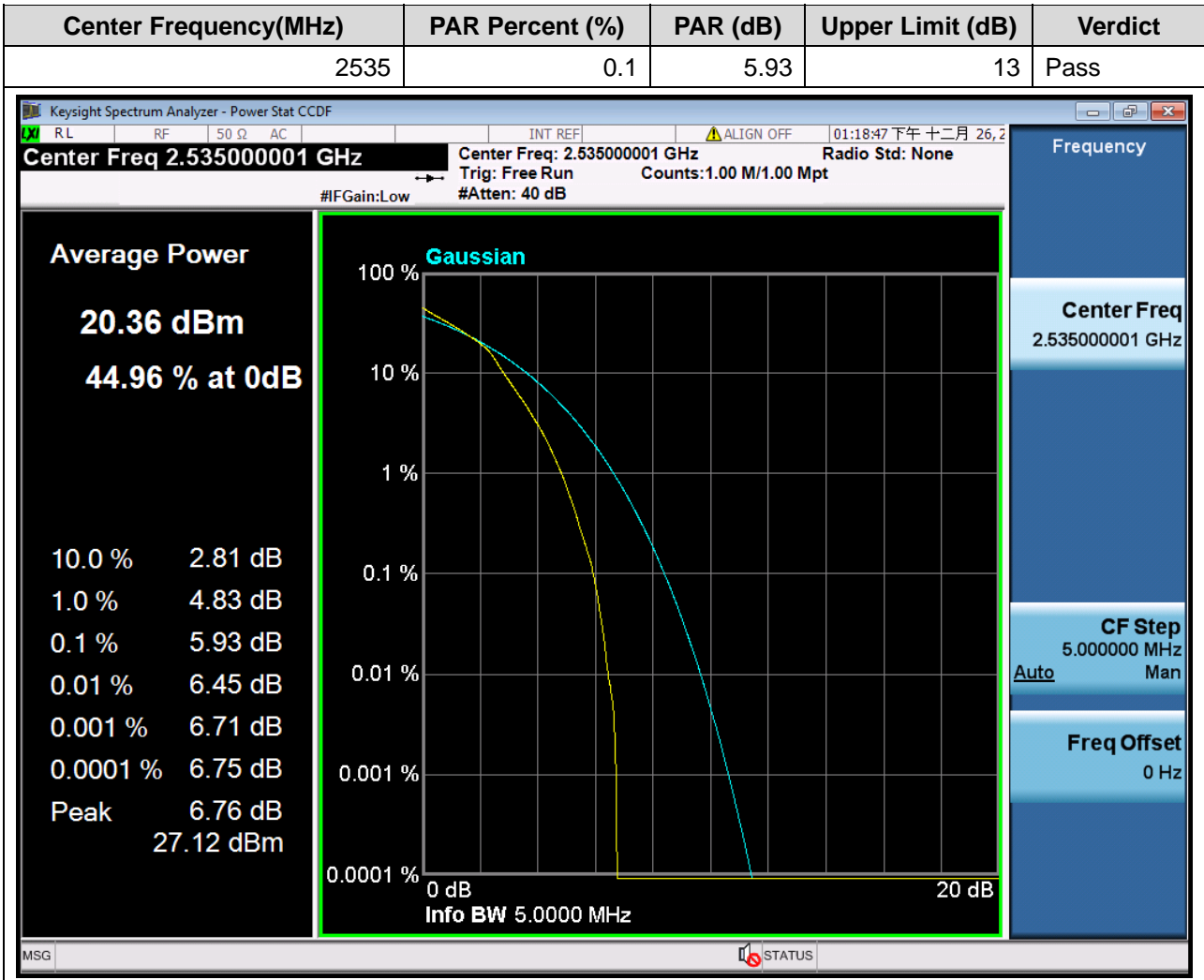
1.21. LTE Peak to Average Ratio(NTNV)(Subtest:21, Channel:21100, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)



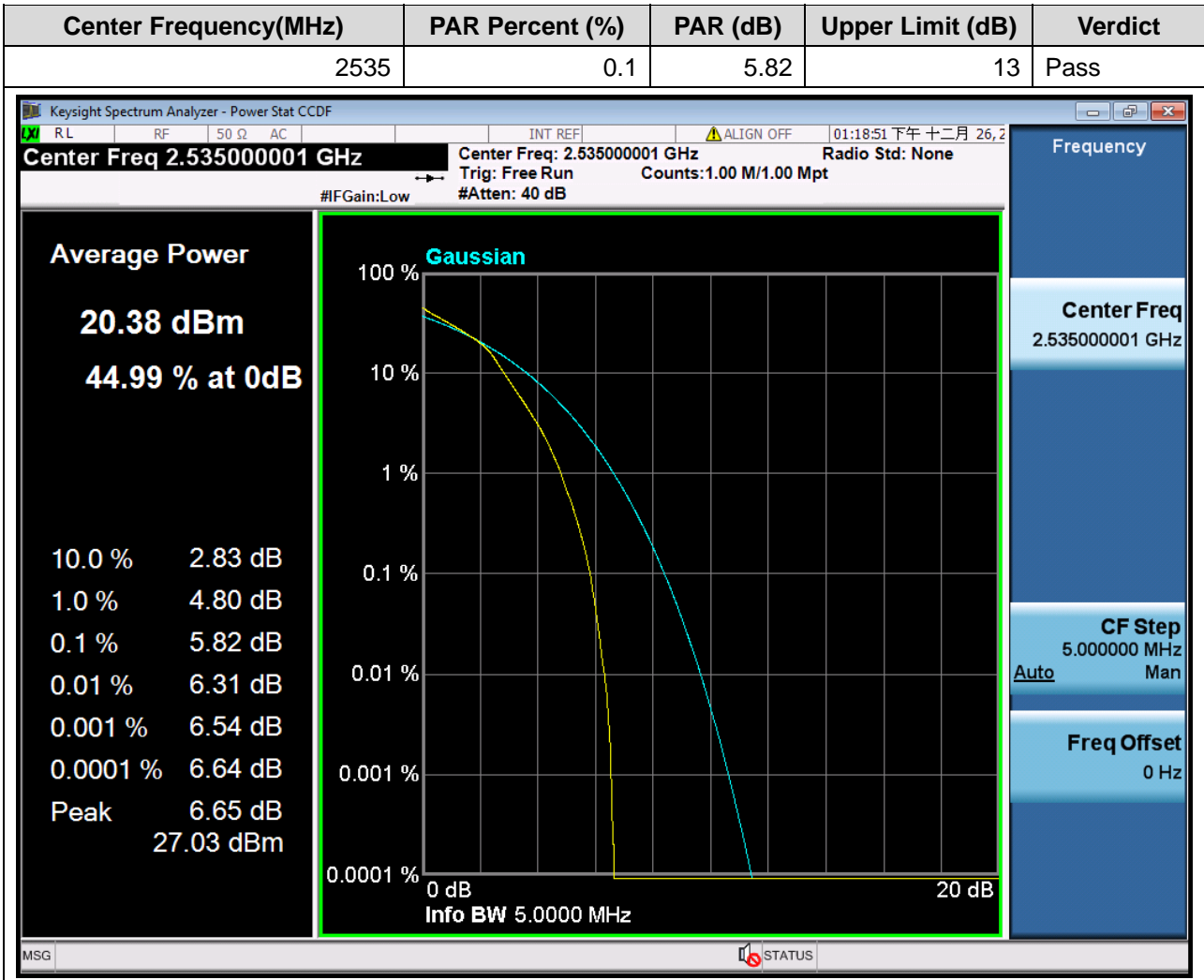
1.22. LTE Peak to Average Ratio(NTNV)(Subtest:22, Channel:21100, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



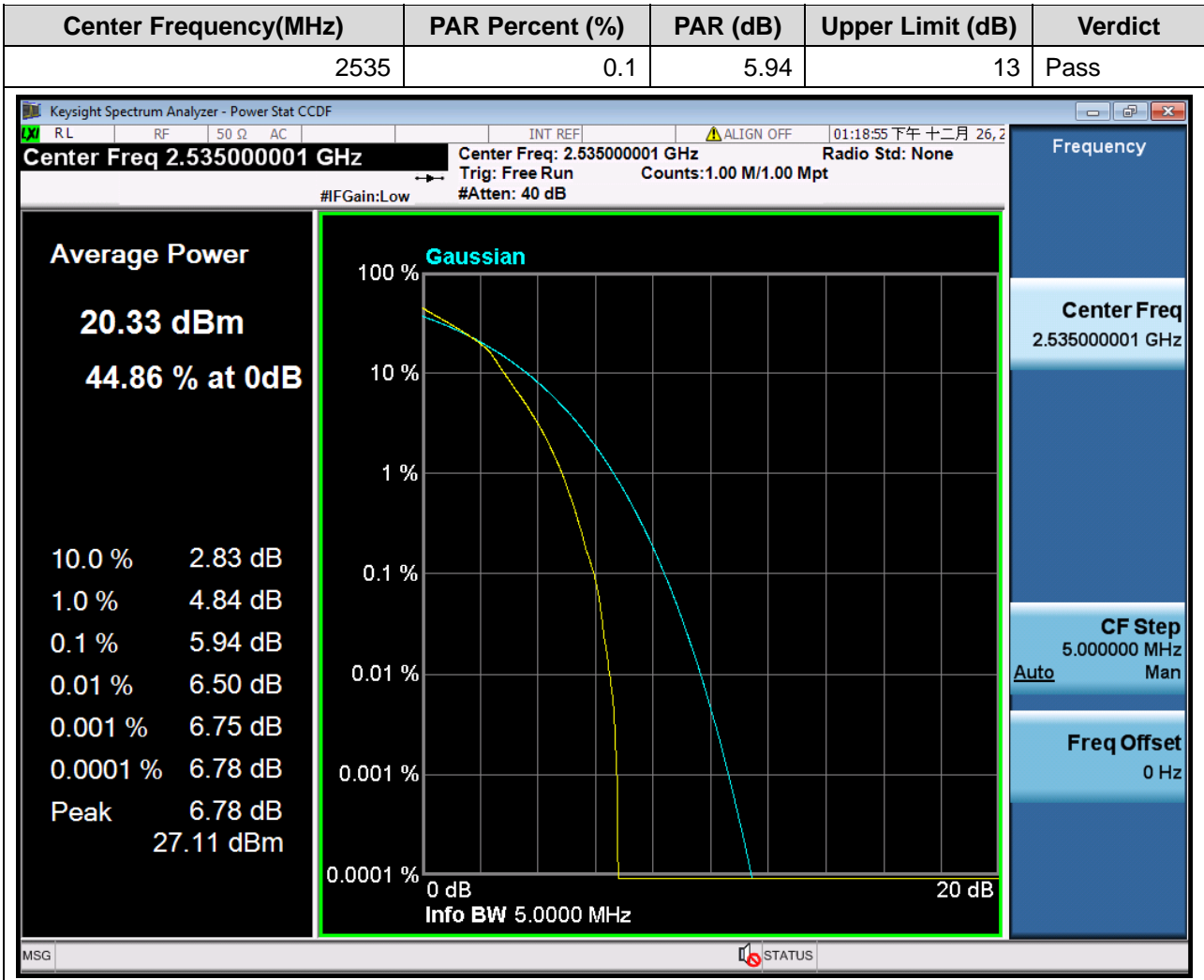
1.23. LTE Peak to Average Ratio(NTNV)(Subtest:23, Channel:21100, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:LOW)



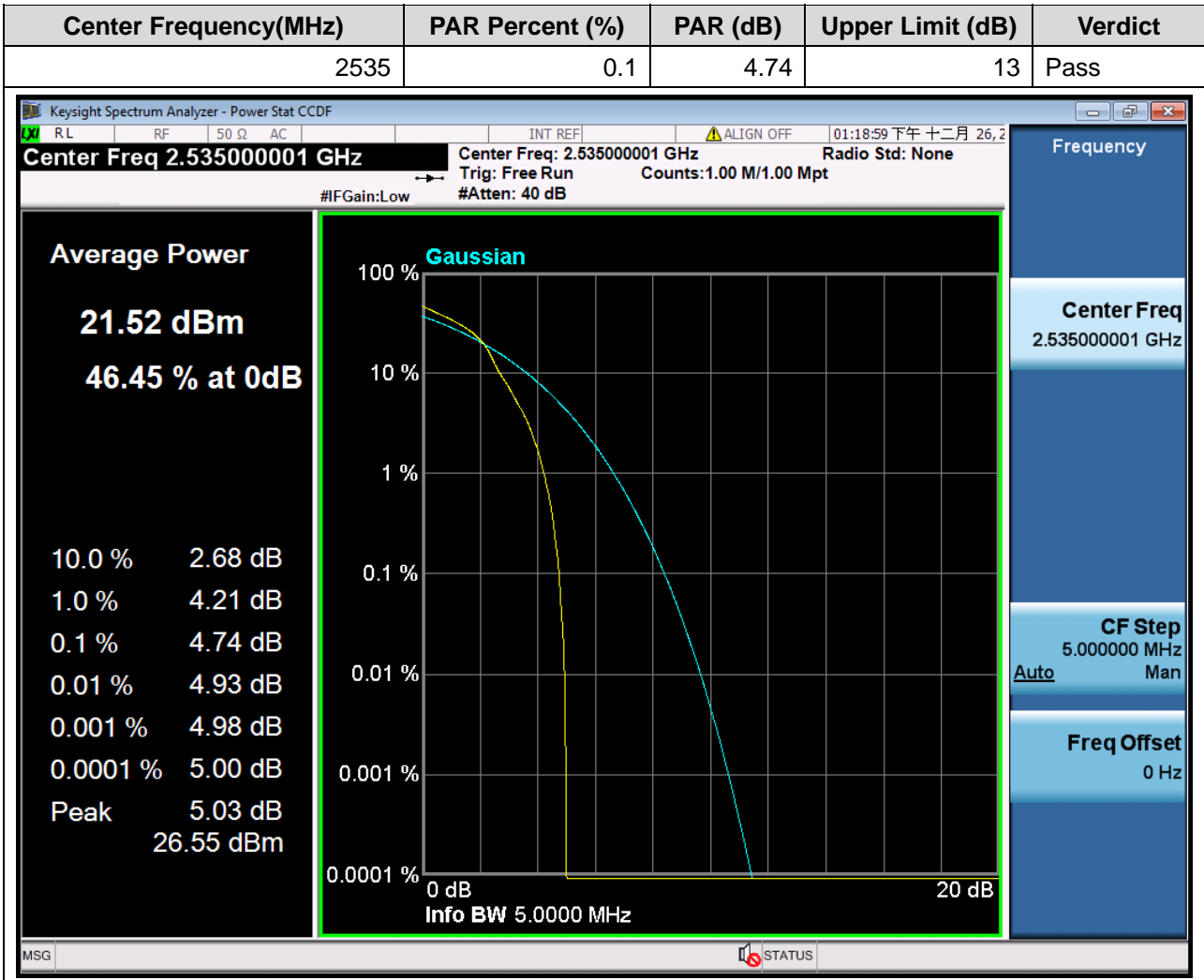
1.24. LTE Peak to Average Ratio(NTNV)(Subtest:24, Channel:21100, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:MID)



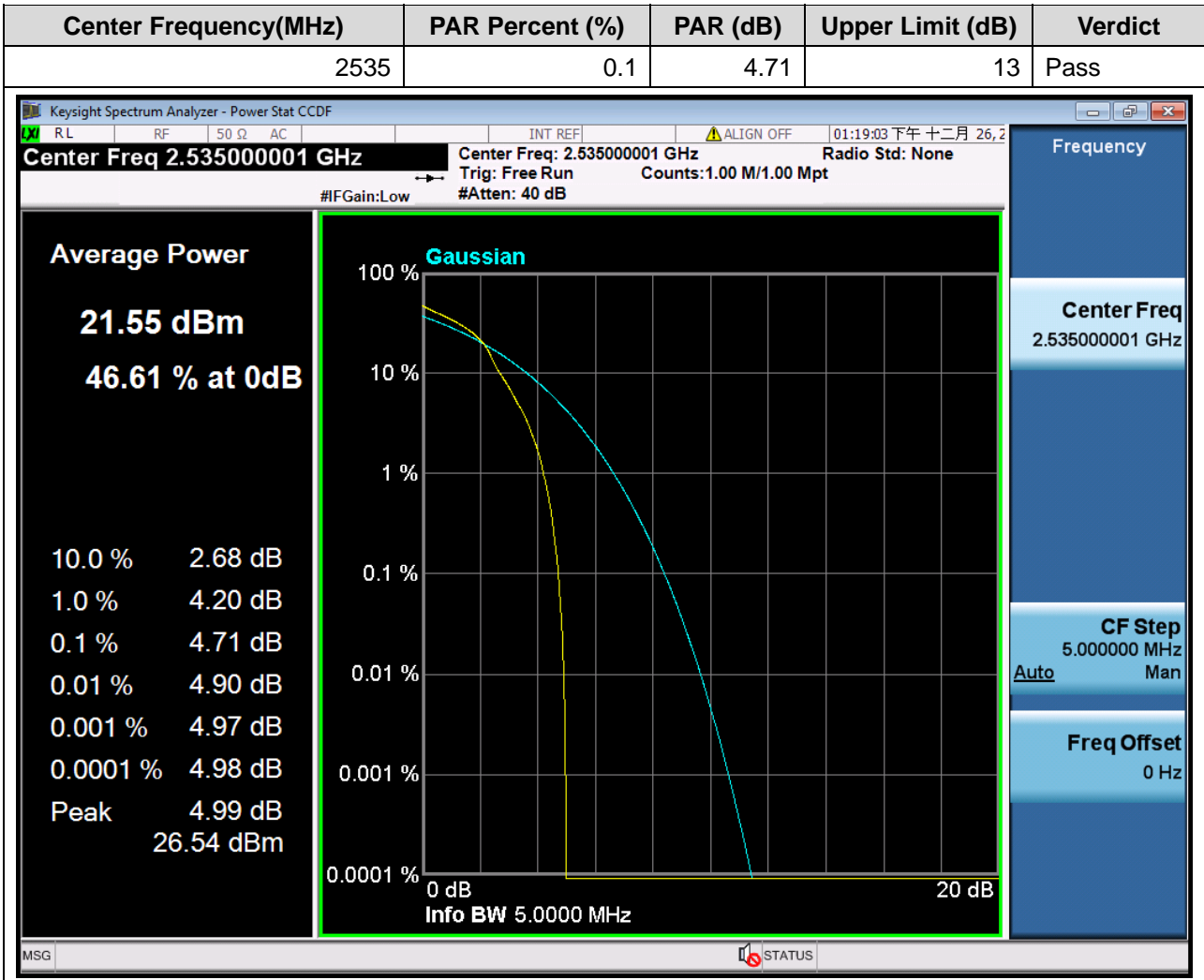
1.25. LTE Peak to Average Ratio(NTNV)(Subtest:25, Channel:21100, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:HIGH)



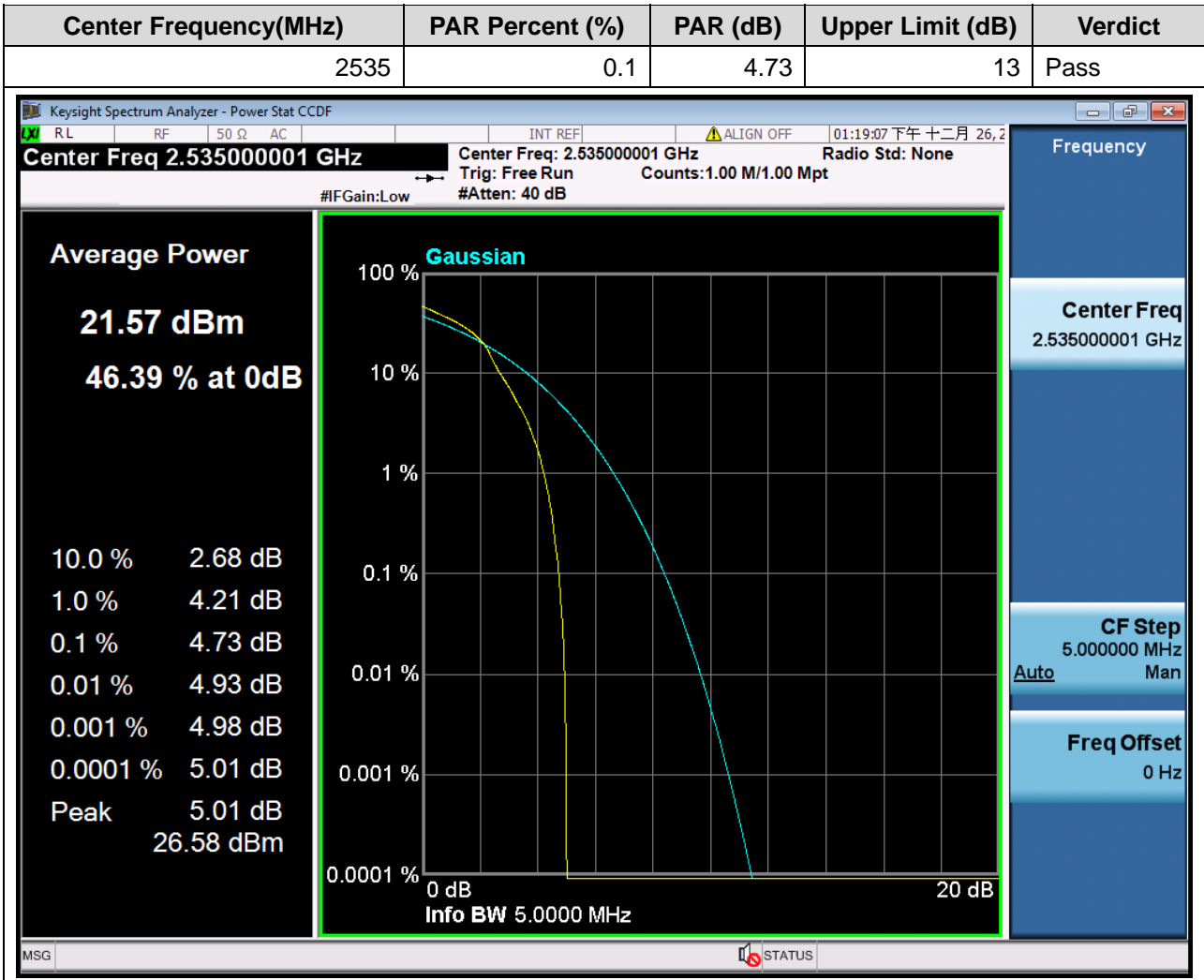
1.26. LTE Peak to Average Ratio(NTNV)(Subtest:26, Channel:21100, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)



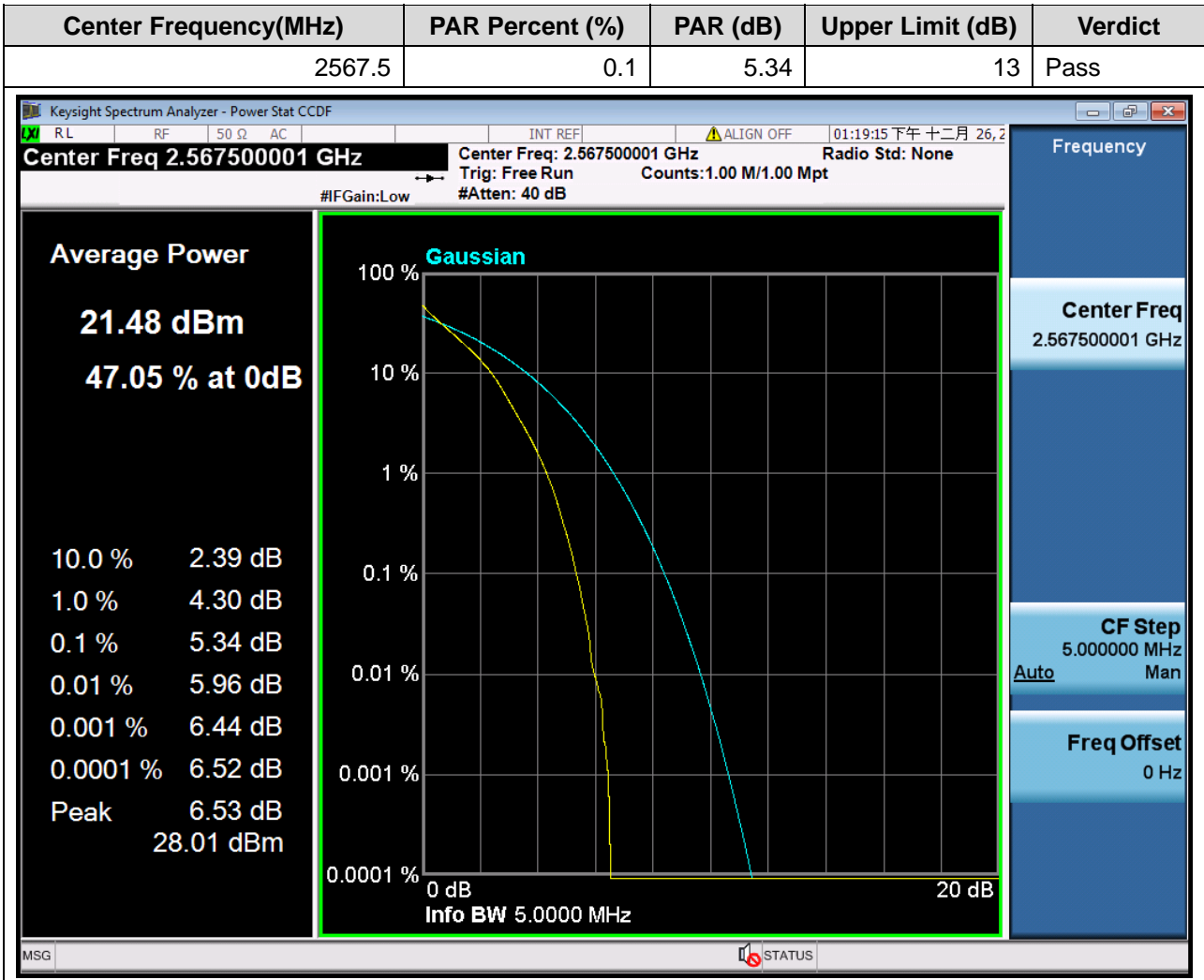
1.27. LTE Peak to Average Ratio(NTNV)(Subtest:27, Channel:21100, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:MID)



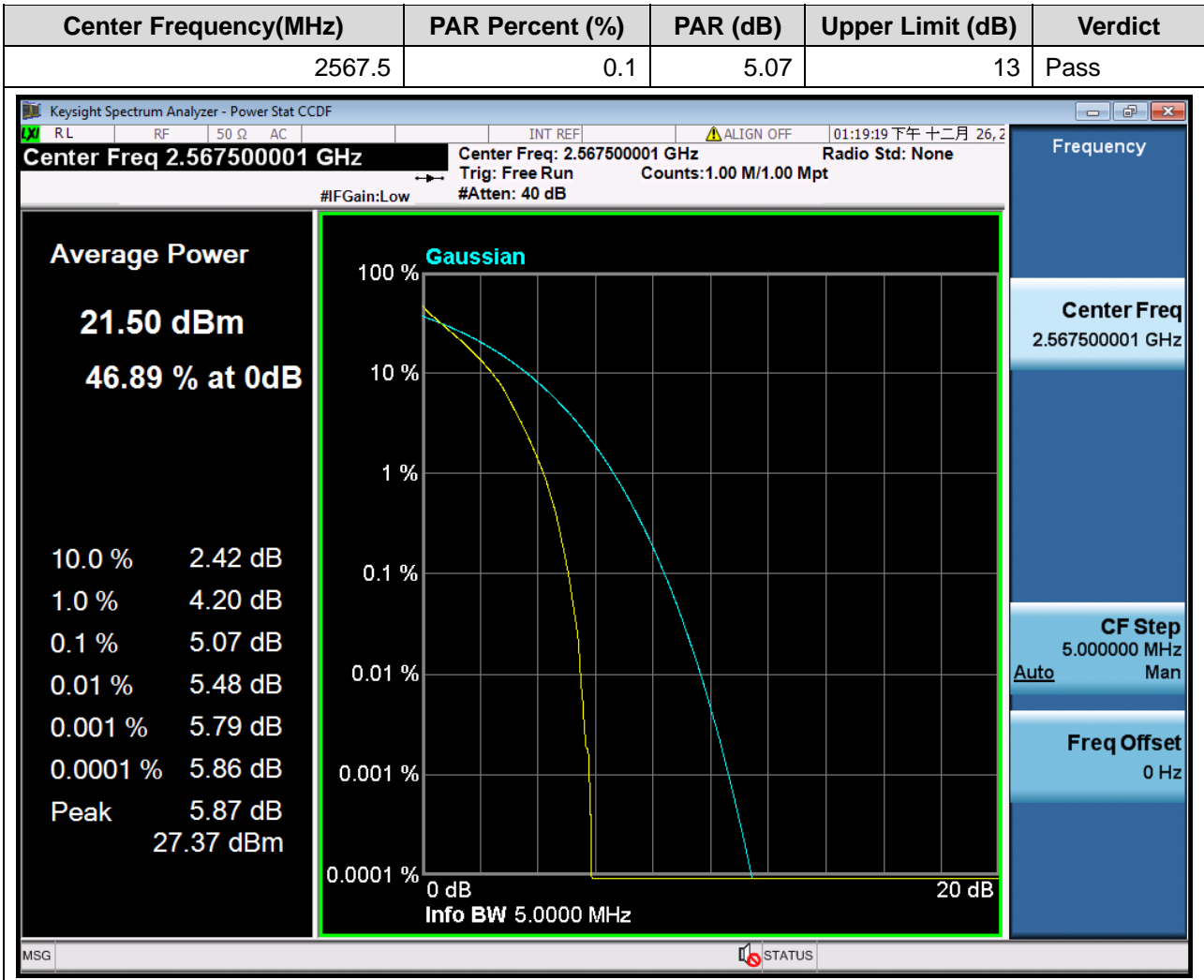
1.28. LTE Peak to Average Ratio(NTNV)(Subtest:28, Channel:21100, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)



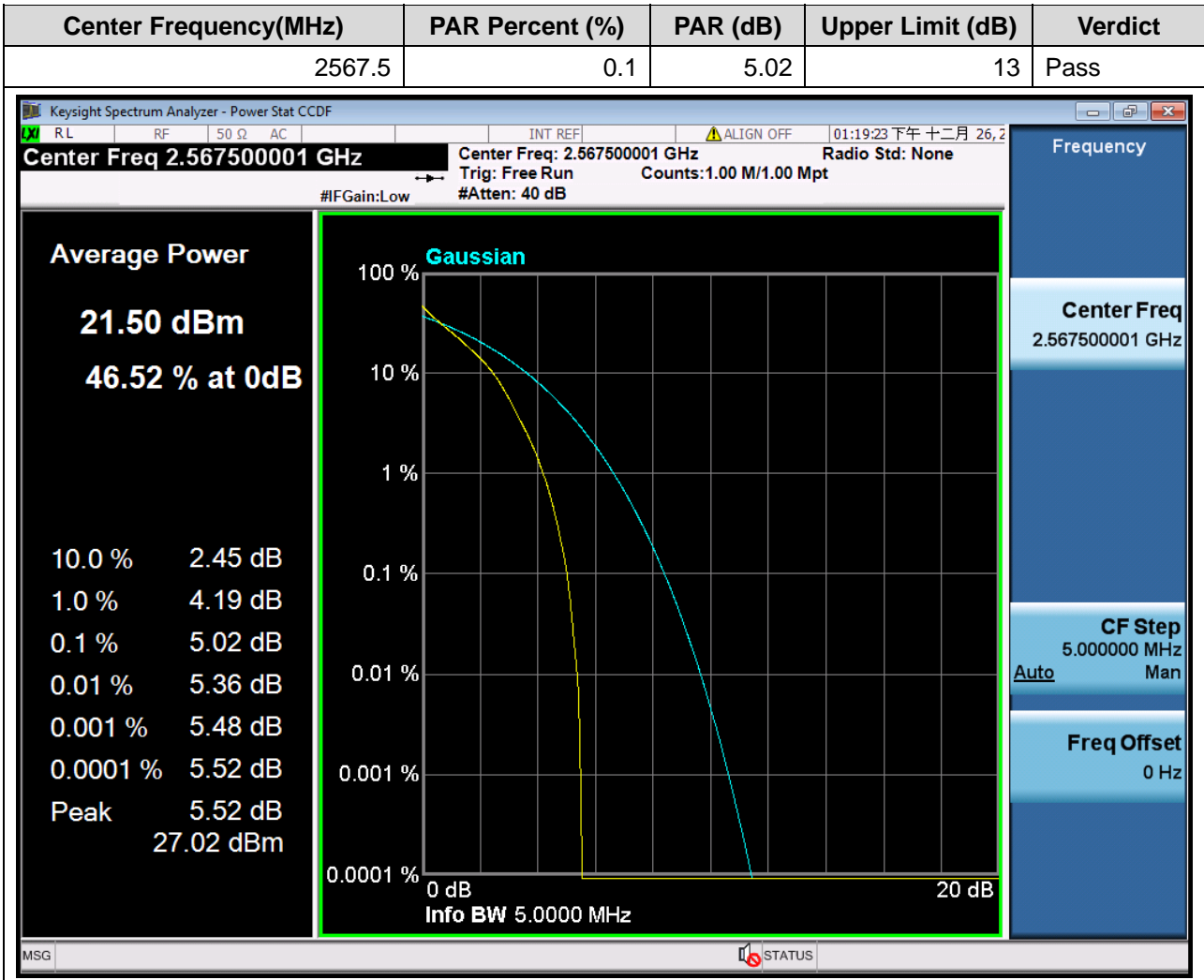
1.29. LTE Peak to Average Ratio(NTNV)(Subtest:29, Channel:21425, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



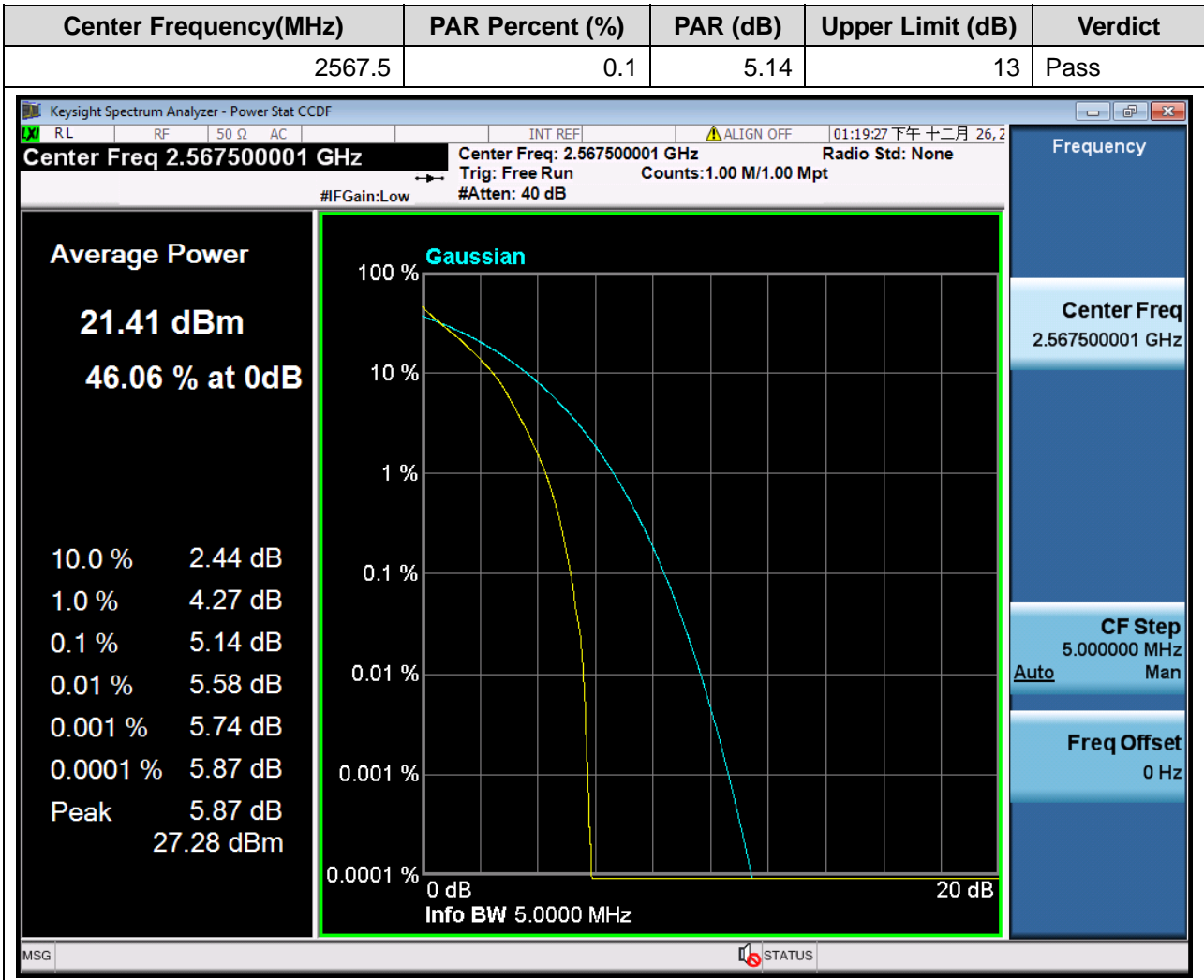
1.30. LTE Peak to Average Ratio(NTNV)(Subtest:30, Channel:21425, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:LOW)



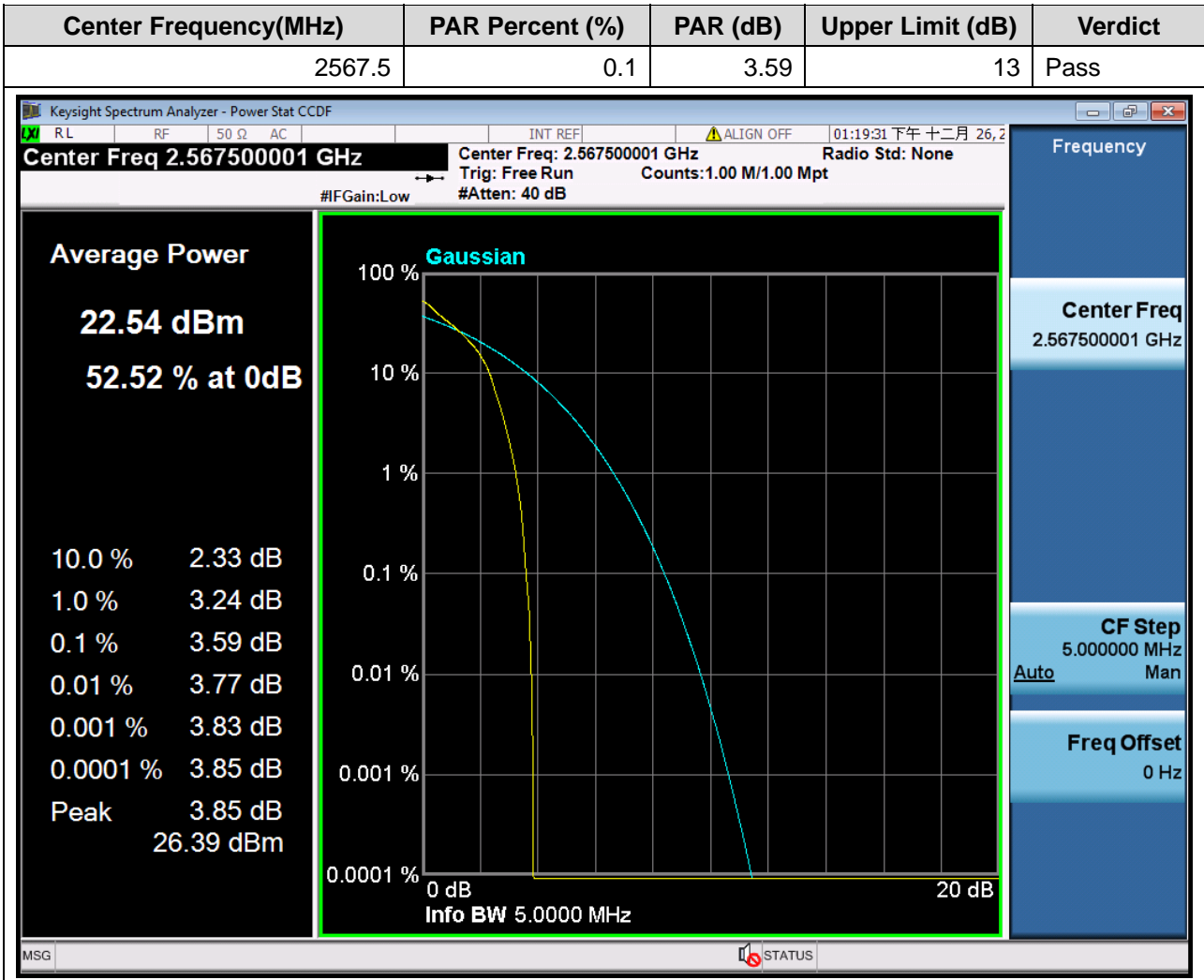
1.31. LTE Peak to Average Ratio(NTNV)(Subtest:31, Channel:21425, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:MID)



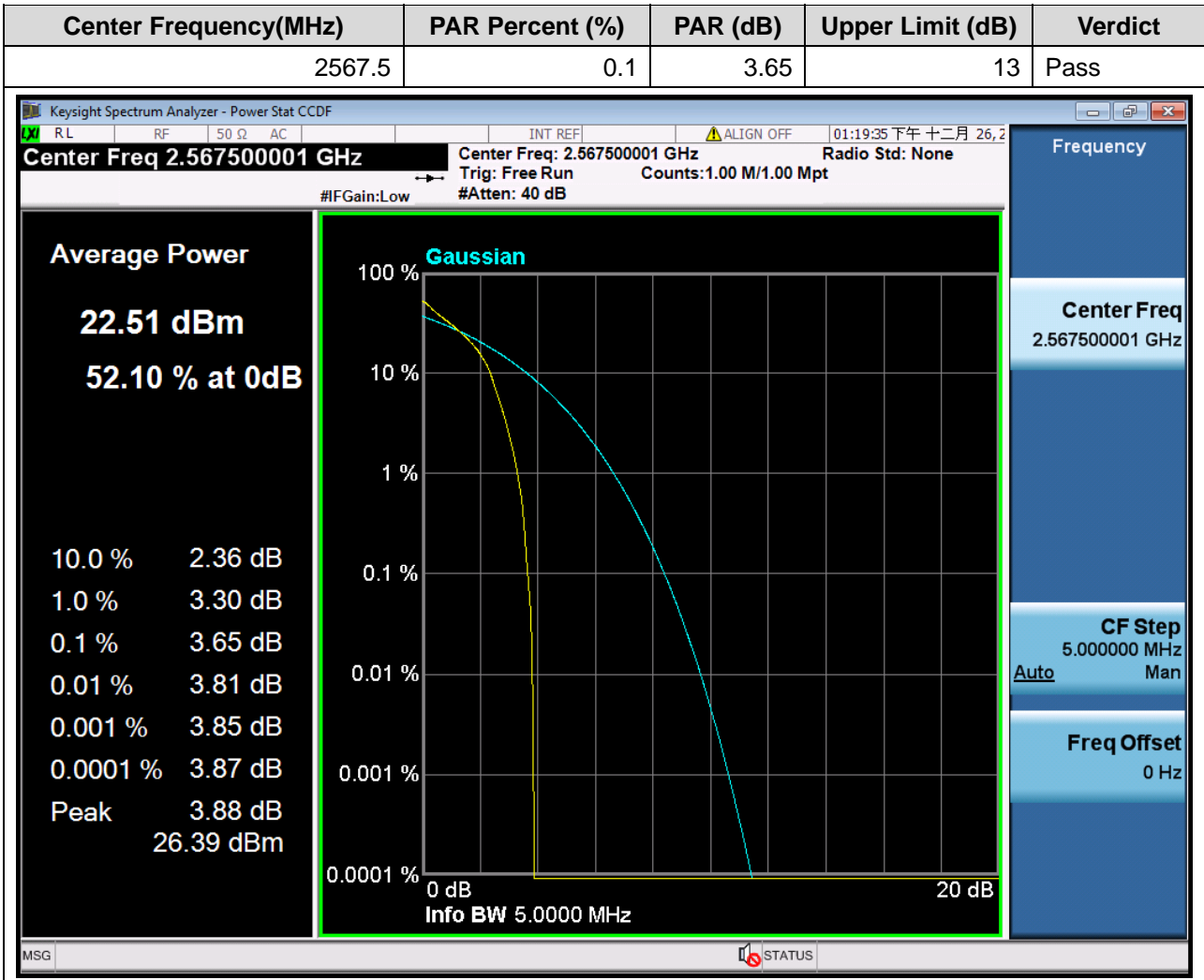
1.32. LTE Peak to Average Ratio(NTNV)(Subtest:32, Channel:21425, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:HIGH)



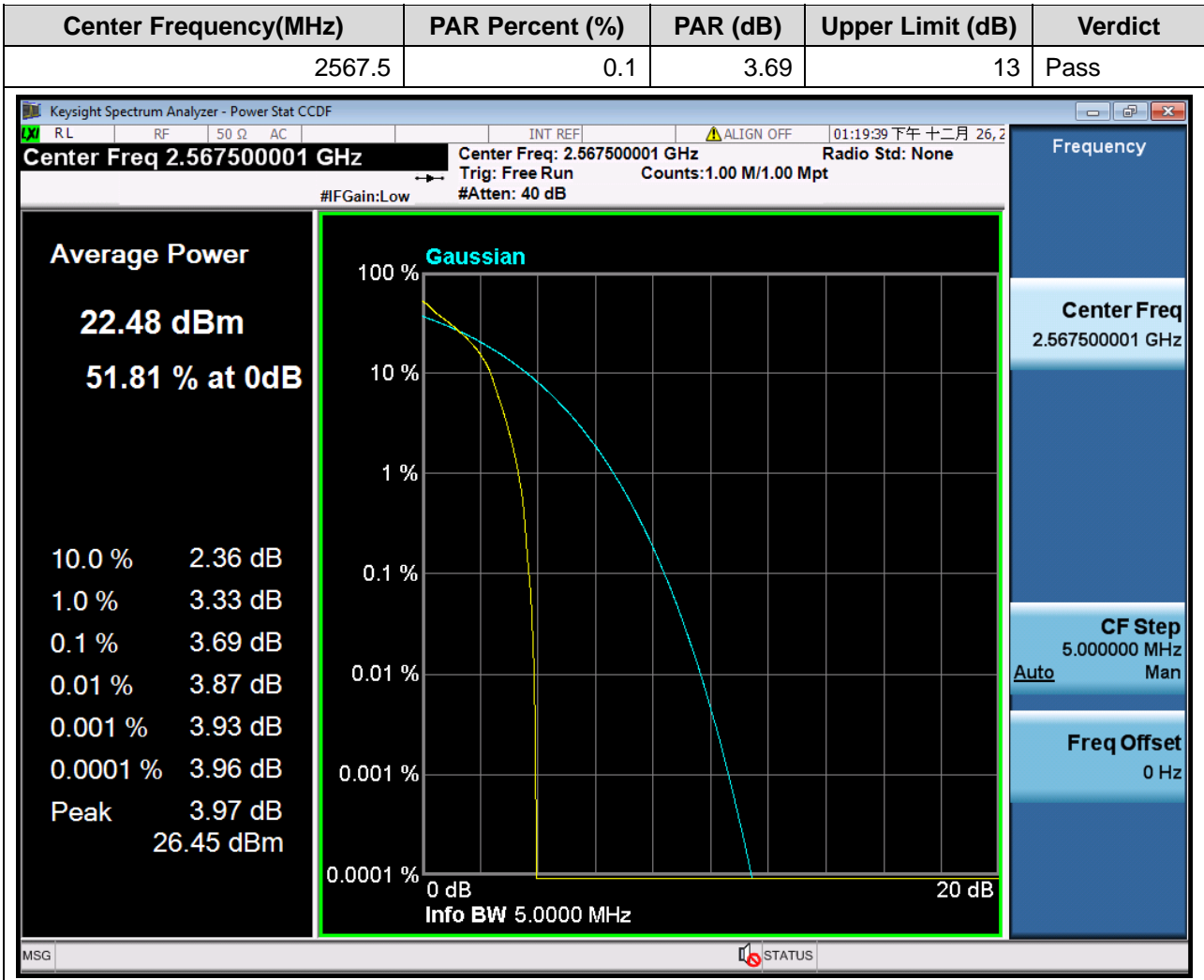
1.33. LTE Peak to Average Ratio(NTNV)(Subtest:33, Channel:21425, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)



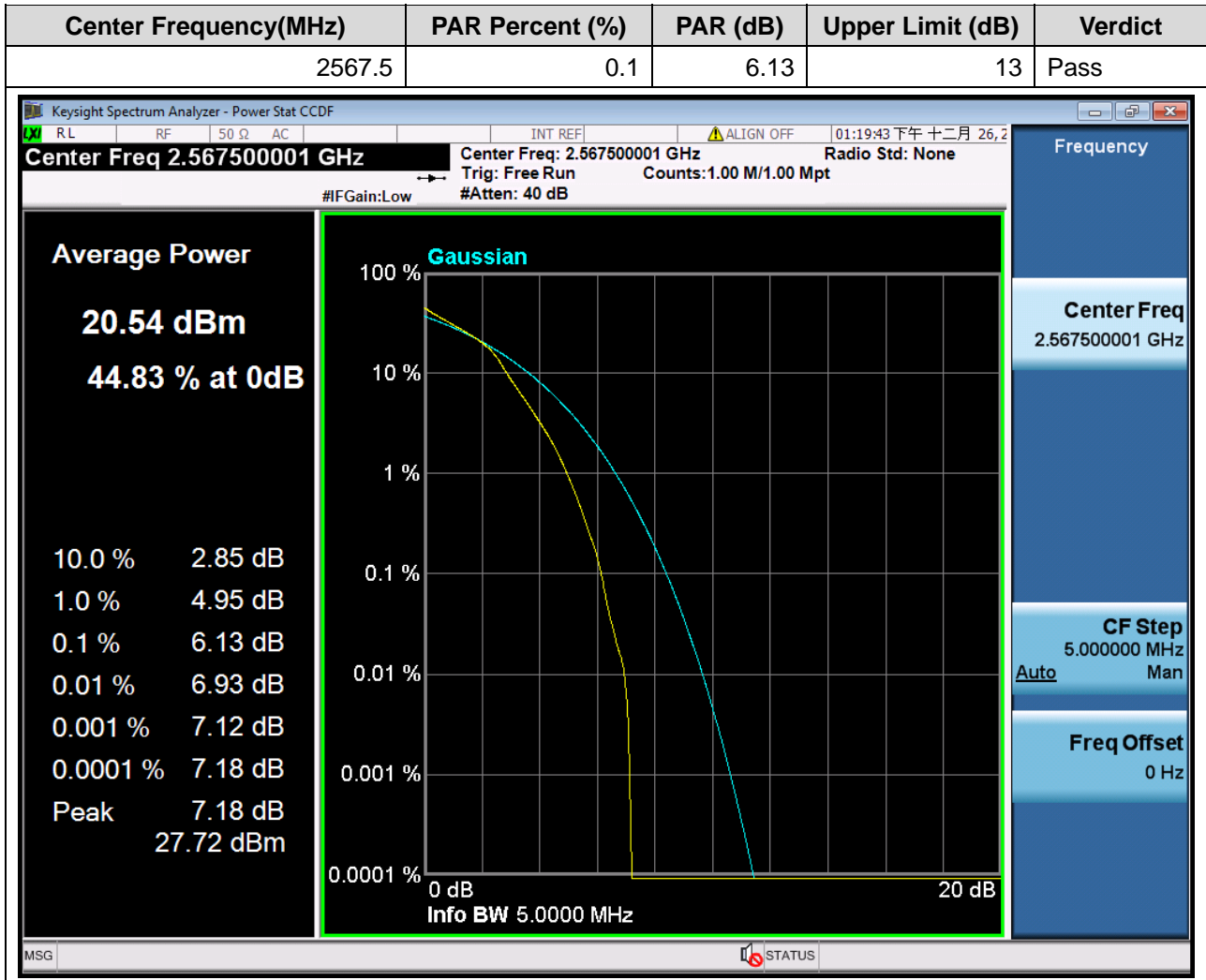
1.34. LTE Peak to Average Ratio(NTNV)(Subtest:34, Channel:21425, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:MID)



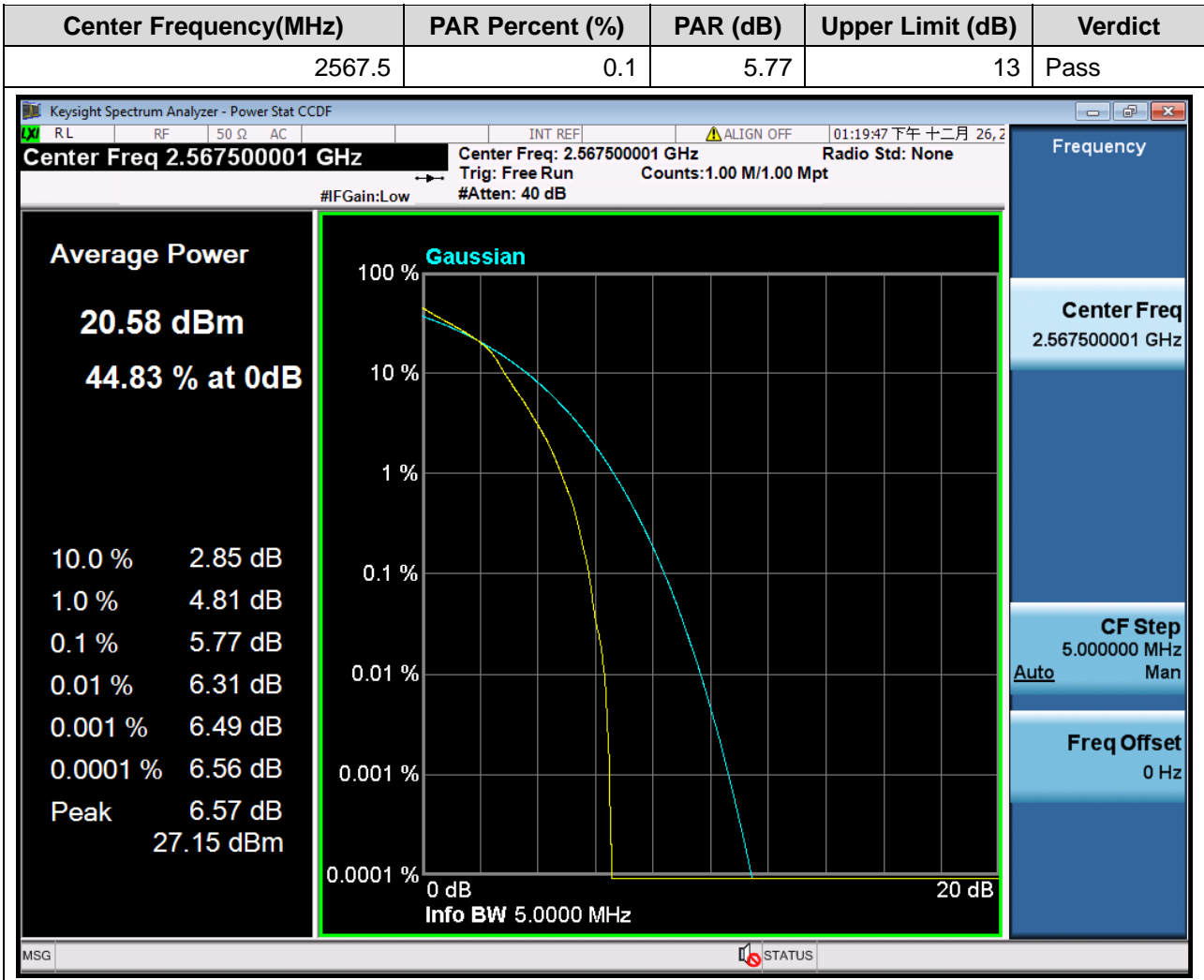
1.35. LTE Peak to Average Ratio(NTNV)(Subtest:35, Channel:21425, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)



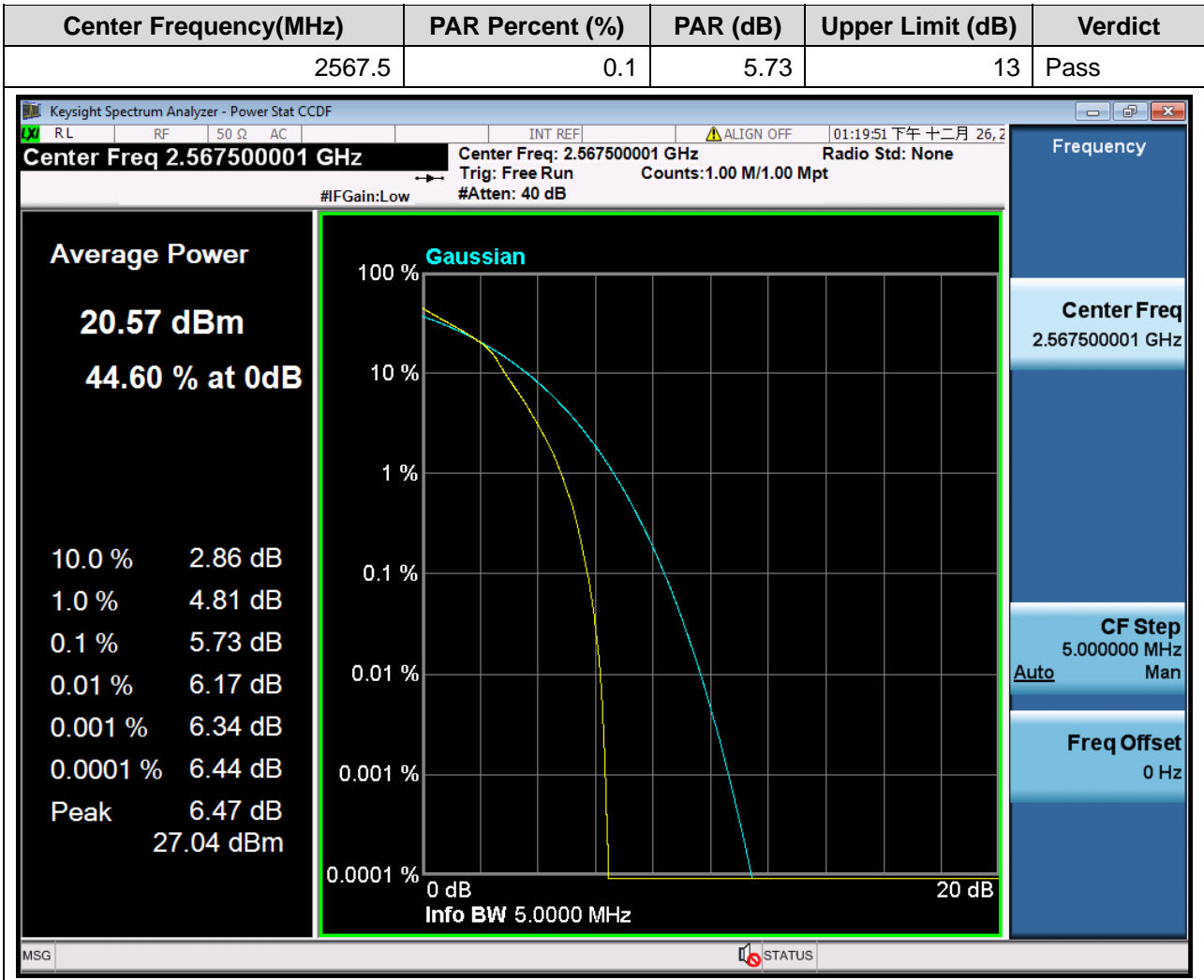
1.36. LTE Peak to Average Ratio(NTNV)(Subtest:36, Channel:21425, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



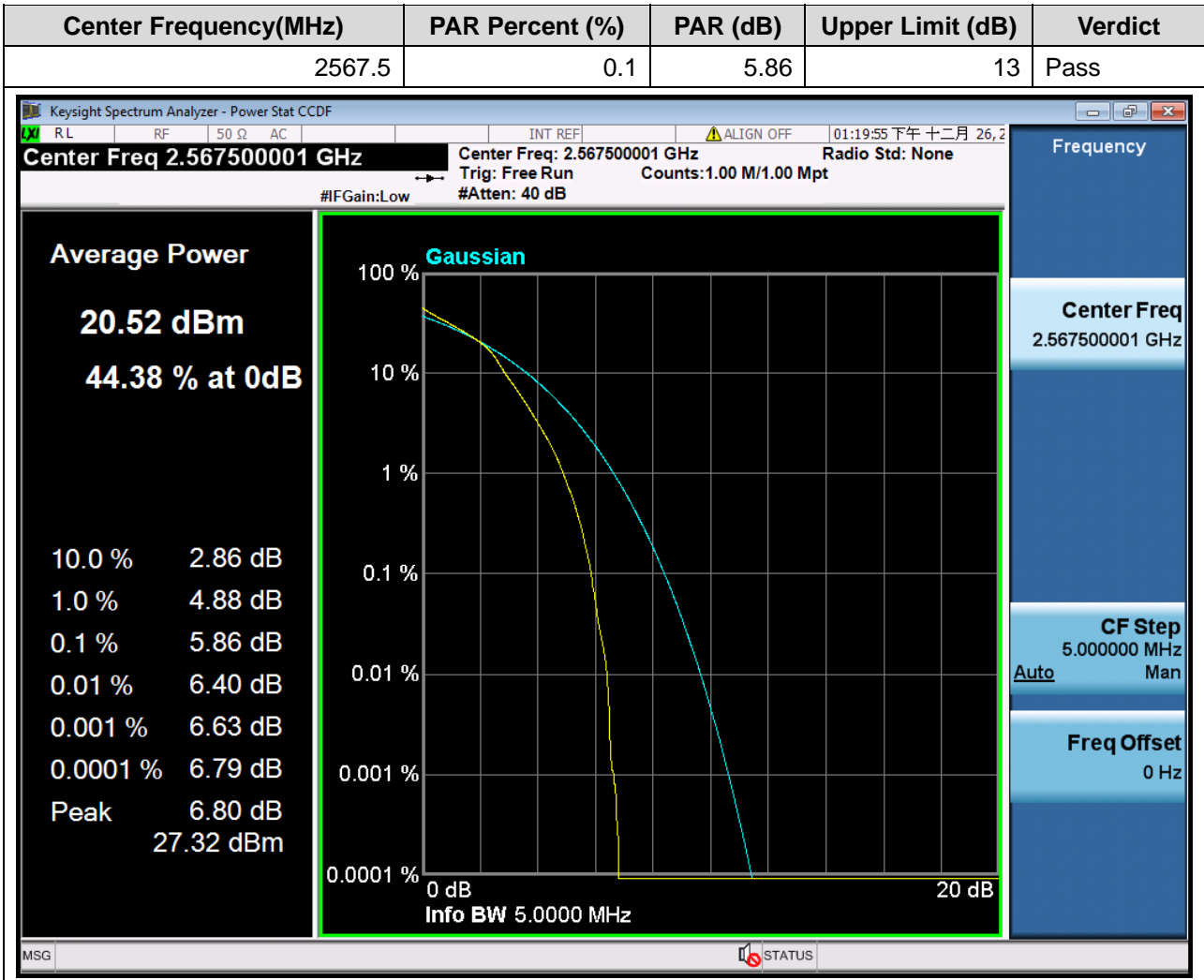
1.37. LTE Peak to Average Ratio(NTNV)(Subtest:37, Channel:21425, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:LOW)



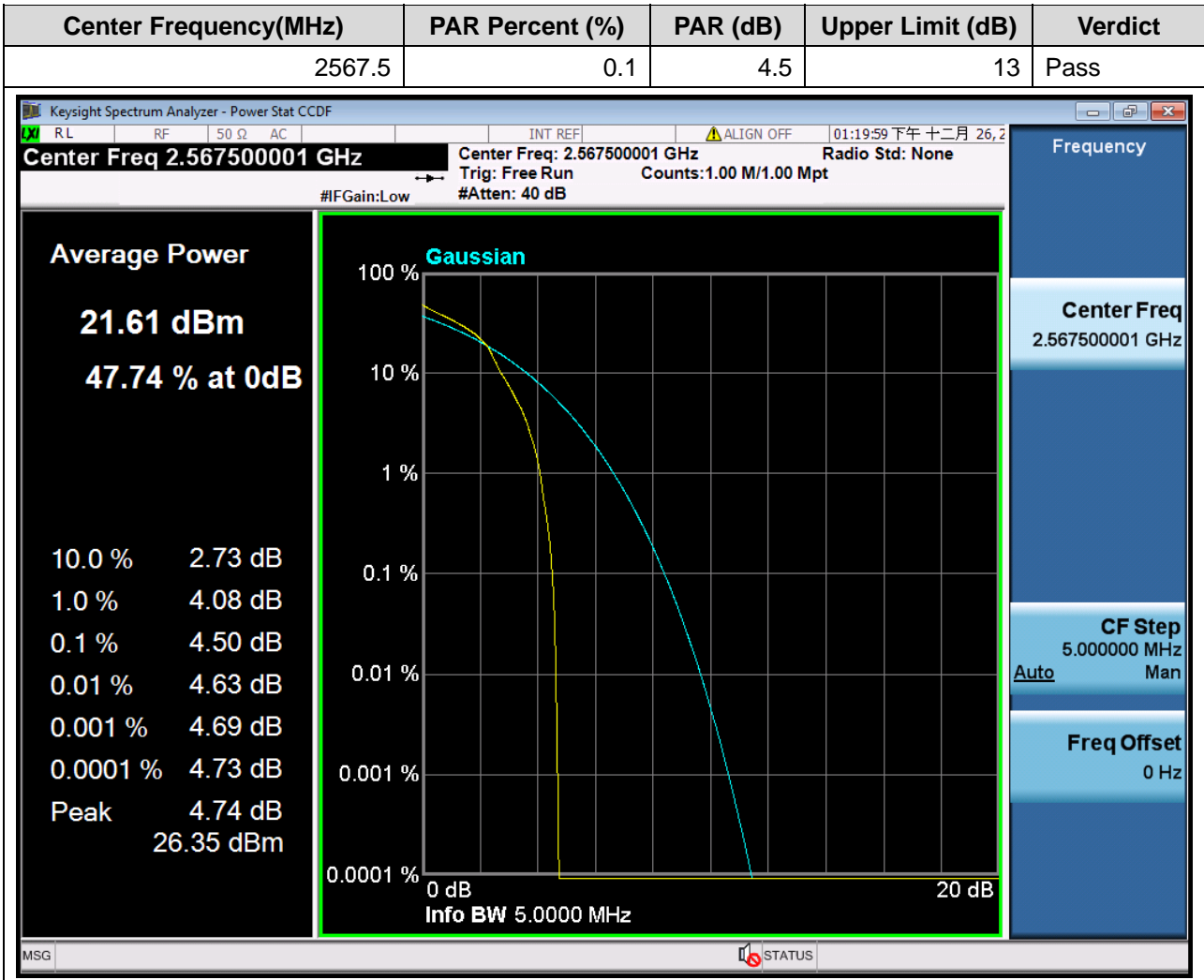
1.38. LTE Peak to Average Ratio(NTNV)(Subtest:38, Channel:21425, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:MID)



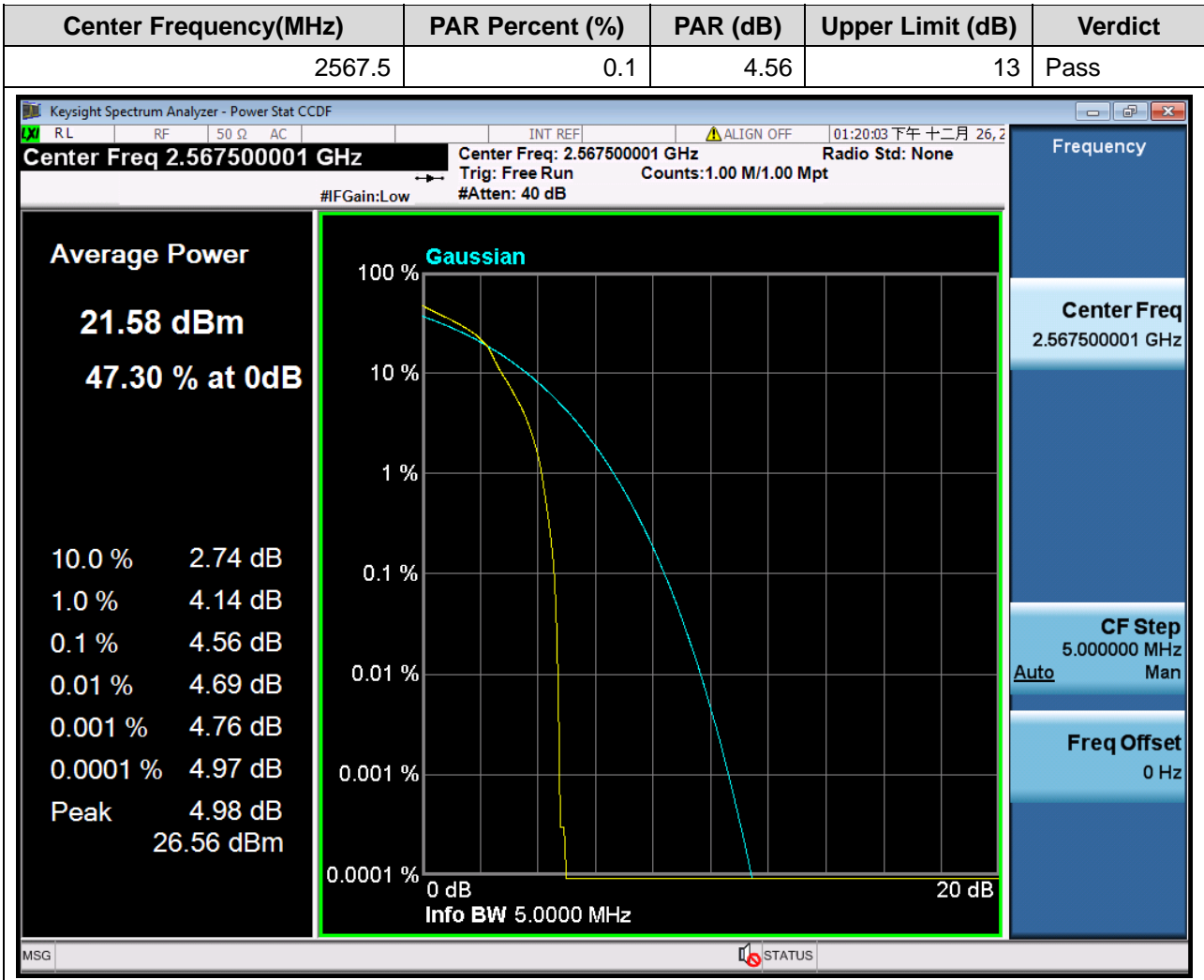
1.39. LTE Peak to Average Ratio(NTNV)(Subtest:39, Channel:21425, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:HIGH)



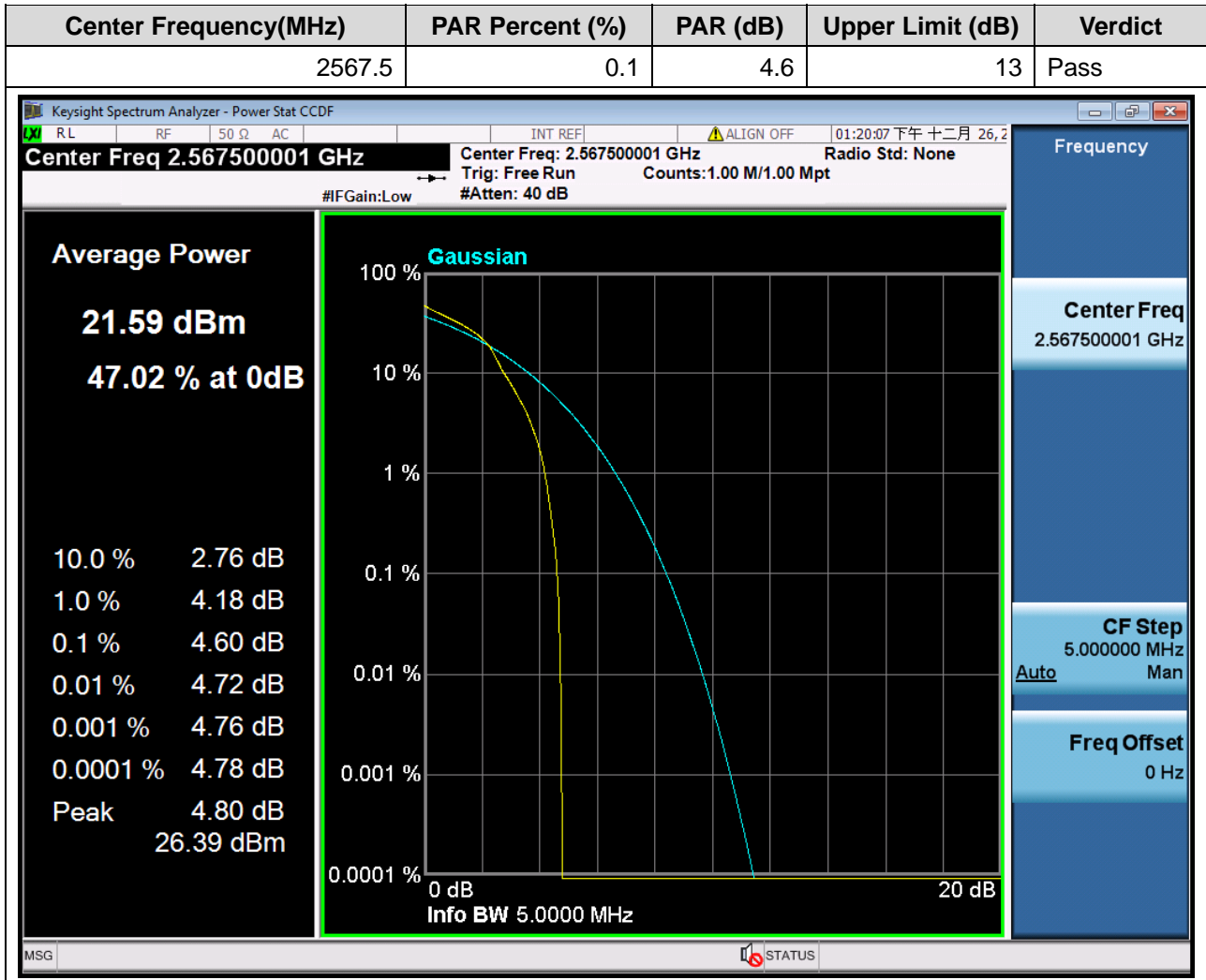
1.40. LTE Peak to Average Ratio(NTNV)(Subtest:40, Channel:21425, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)



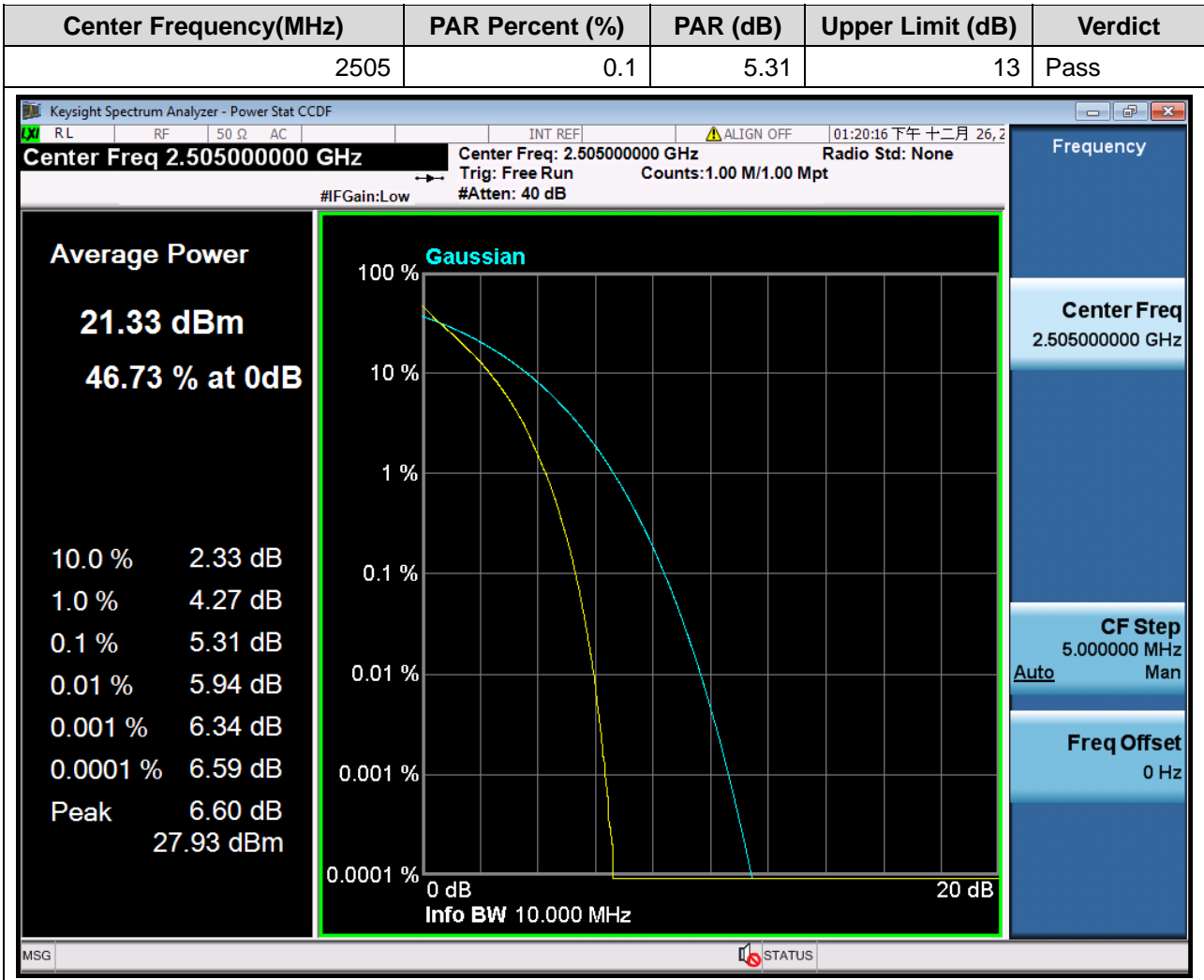
1.41. LTE Peak to Average Ratio(NTNV)(Subtest:41, Channel:21425, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:MID)



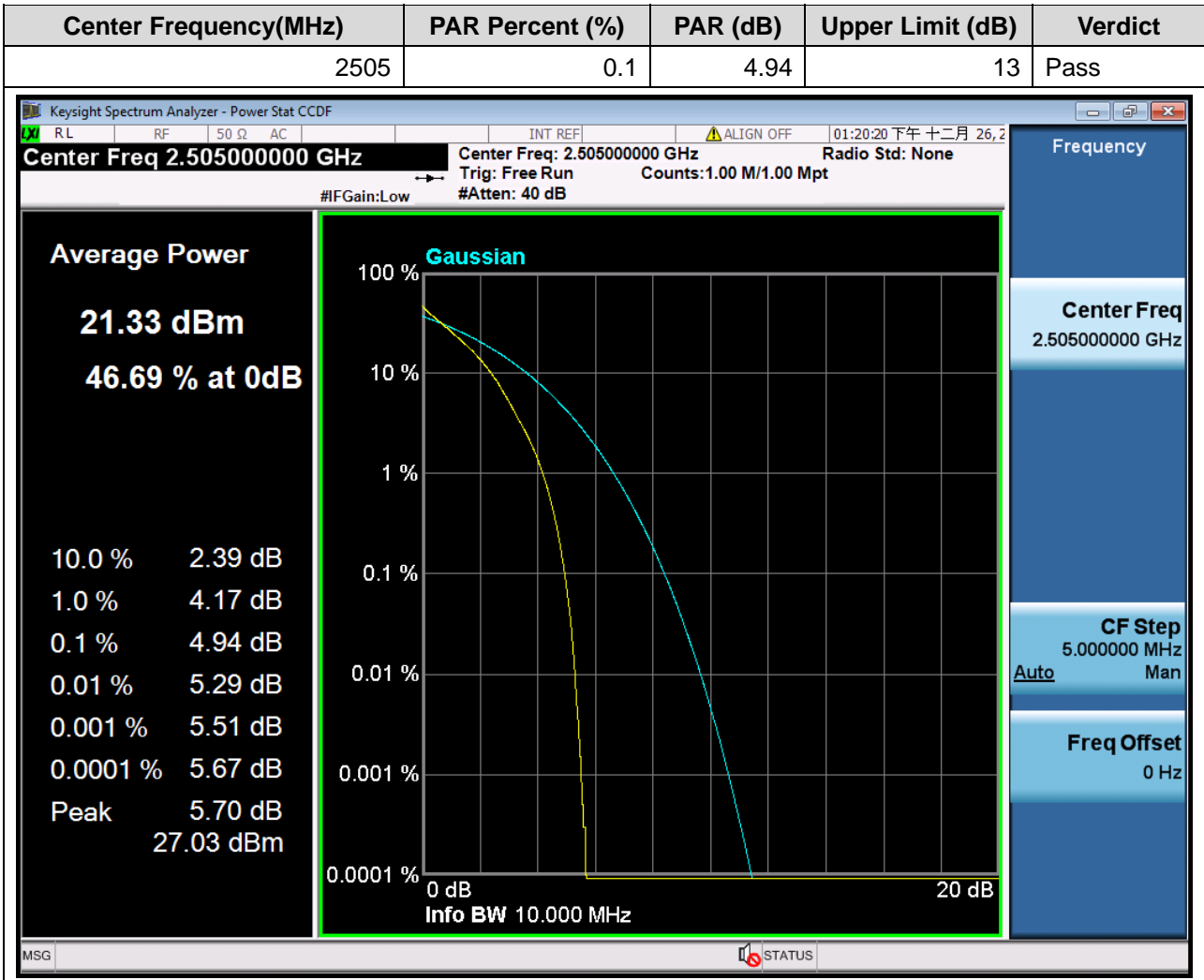
1.42. LTE Peak to Average Ratio(NTNV)(Subtest:42, Channel:21425, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)



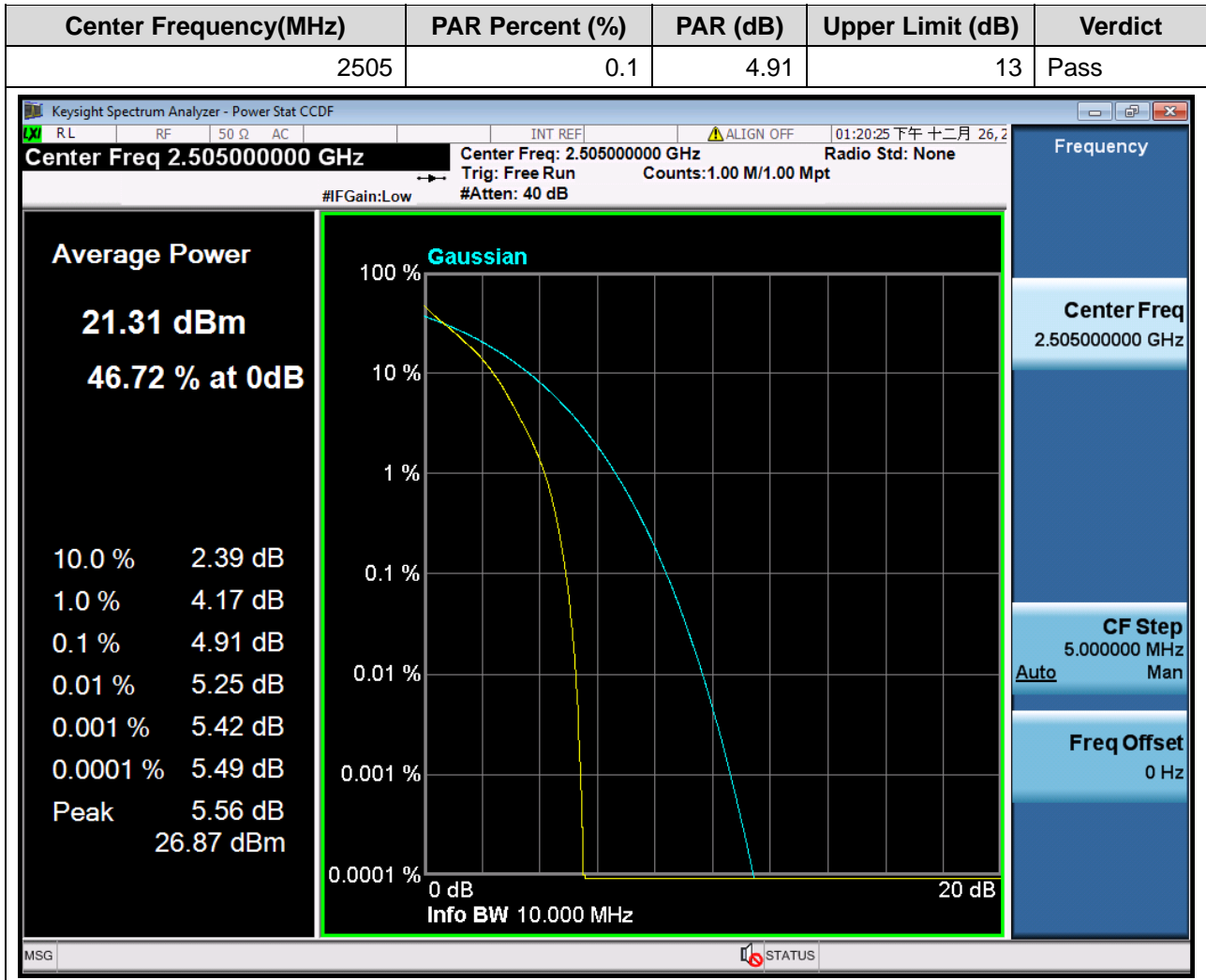
1.43. LTE Peak to Average Ratio(NTNV)(Subtest:43, Channel:20800, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



1.44. LTE Peak to Average Ratio(NTNV)(Subtest:44, Channel:20800, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:LOW)

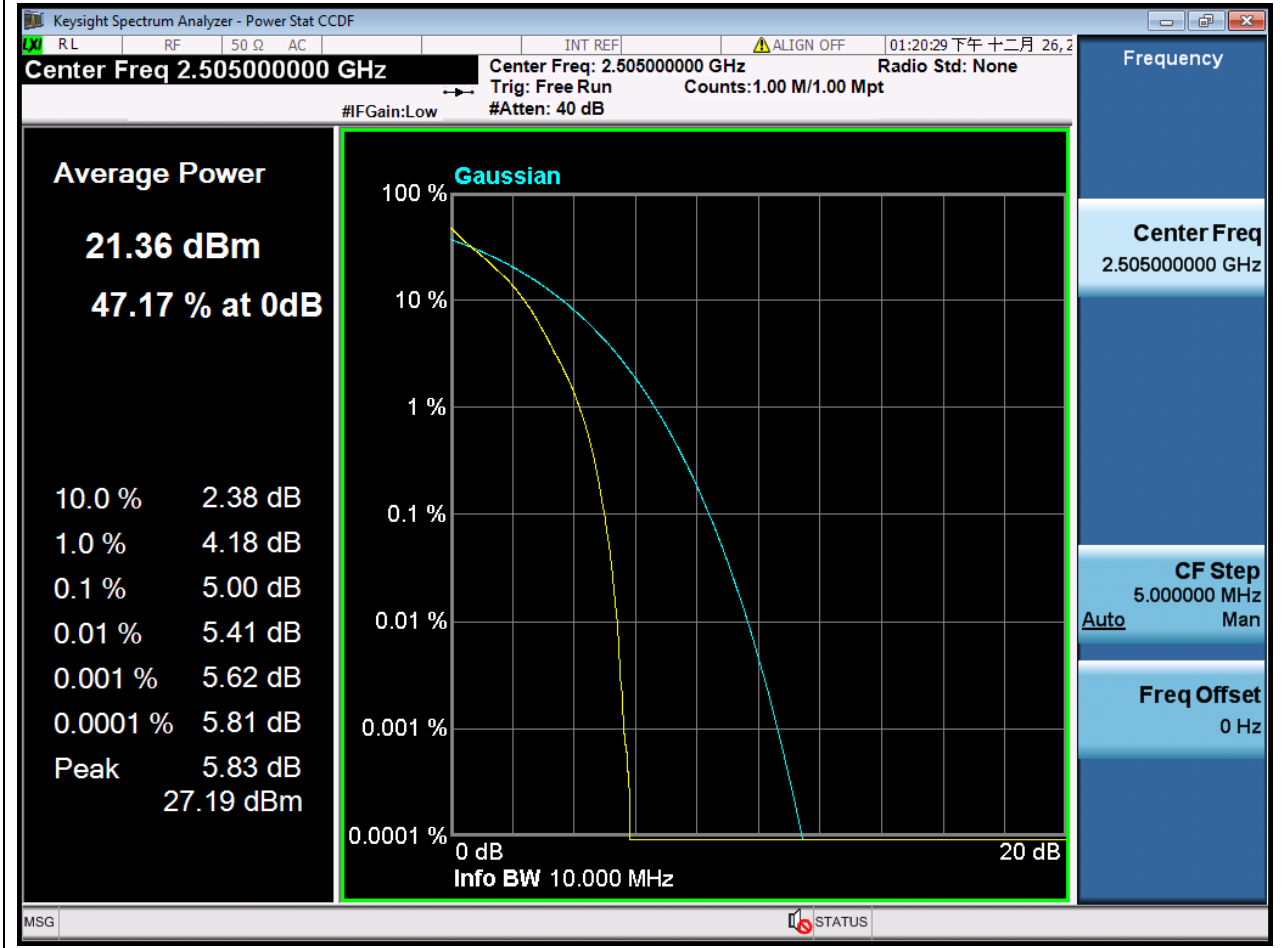


1.45. LTE Peak to Average Ratio(NTNV)(Subtest:45, Channel:20800, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:MID)

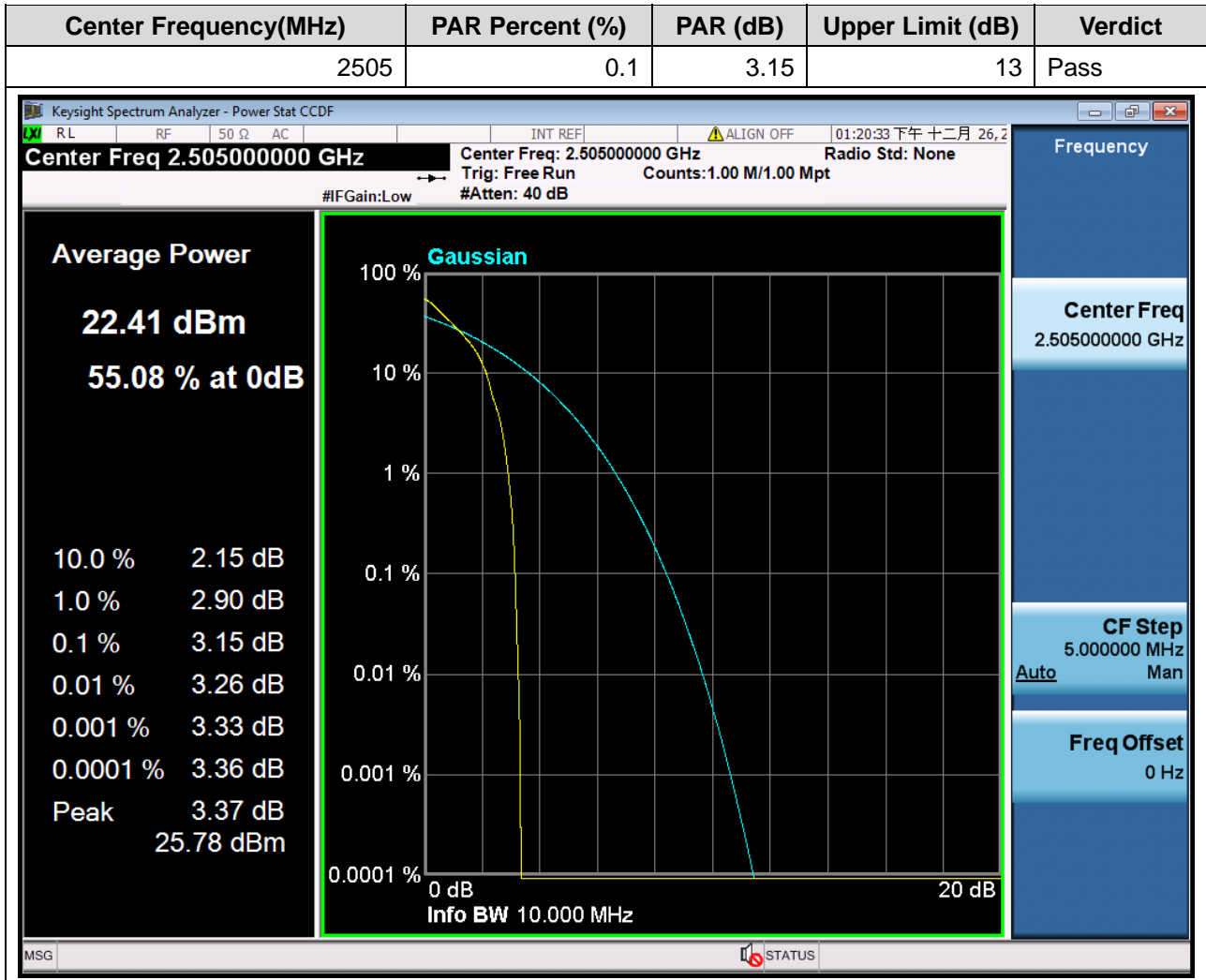


1.46. LTE Peak to Average Ratio(NTNV)(Subtest:46, Channel:20800, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:HIGH)

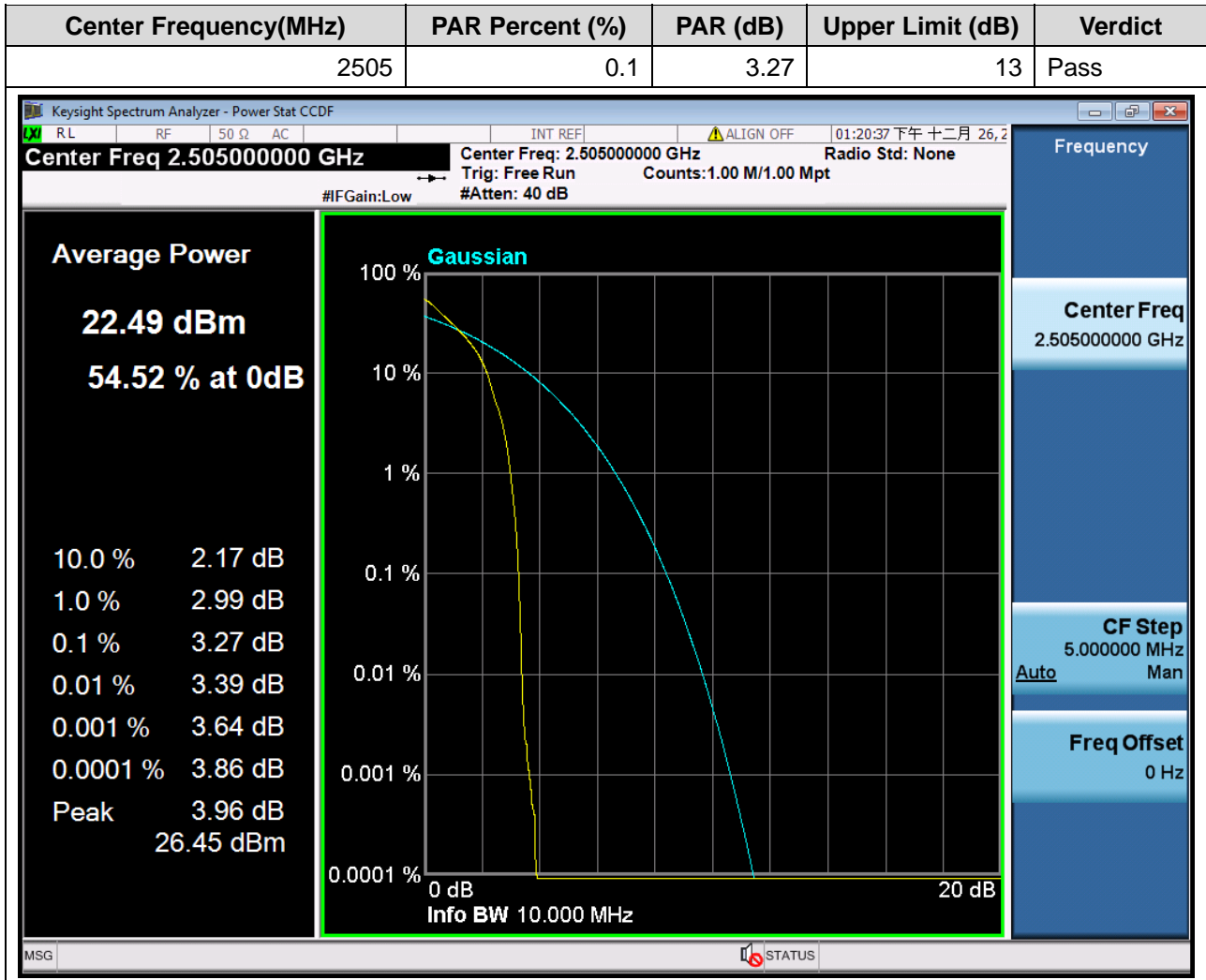
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2505	0.1	5	13	Pass



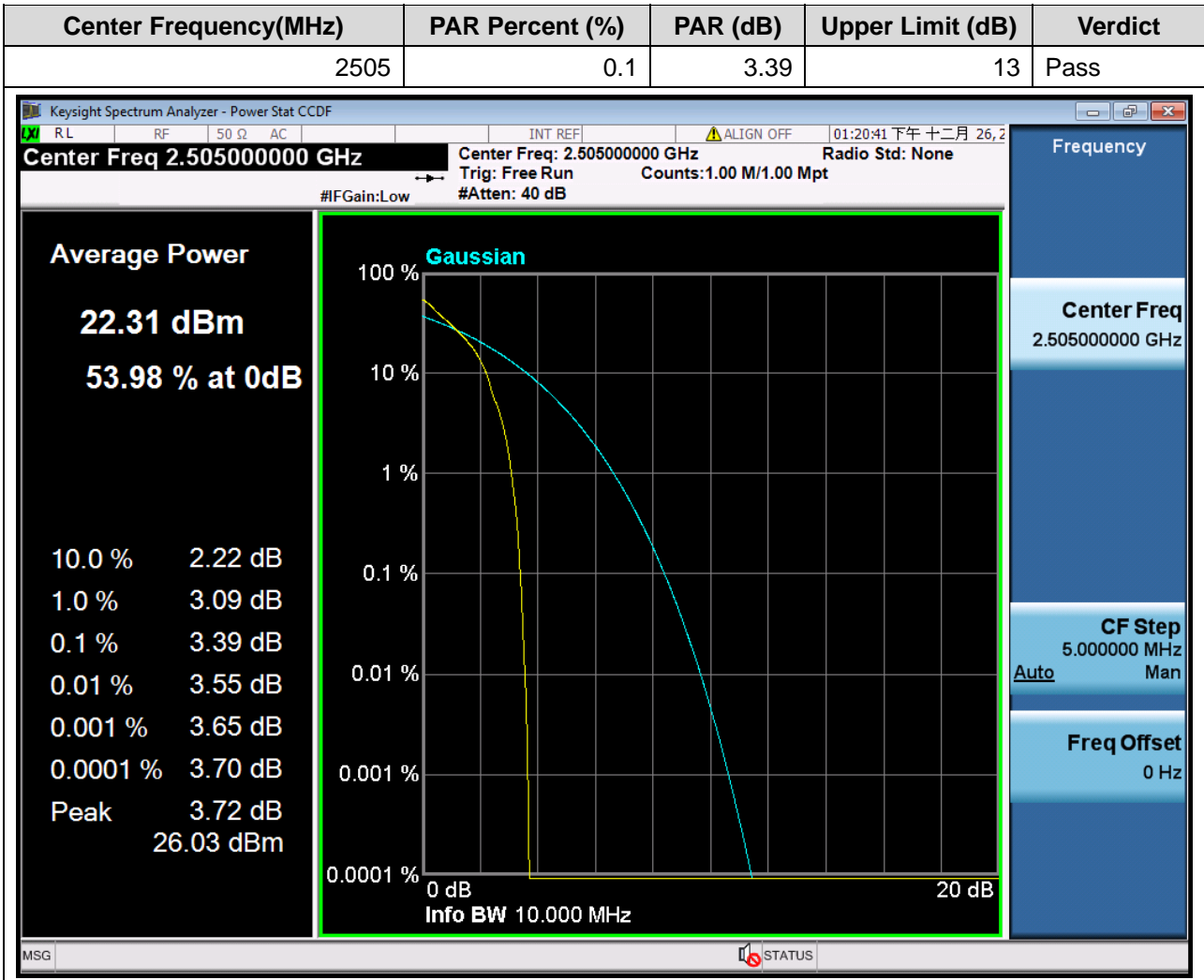
1.47. LTE Peak to Average Ratio(NTNV)(Subtest:47, Channel:20800, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



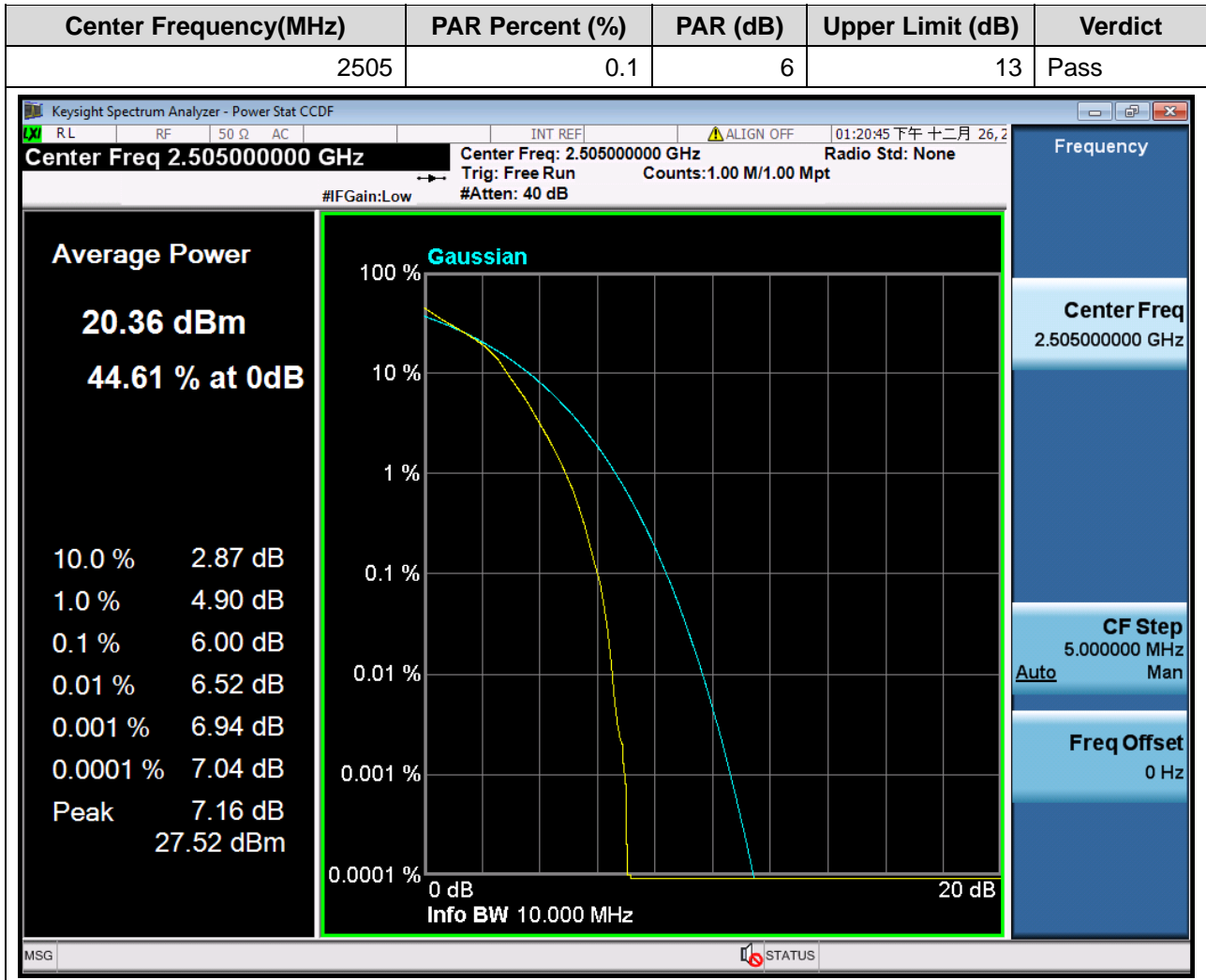
1.48. LTE Peak to Average Ratio(NTNV)(Subtest:48, Channel:20800, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:MID)



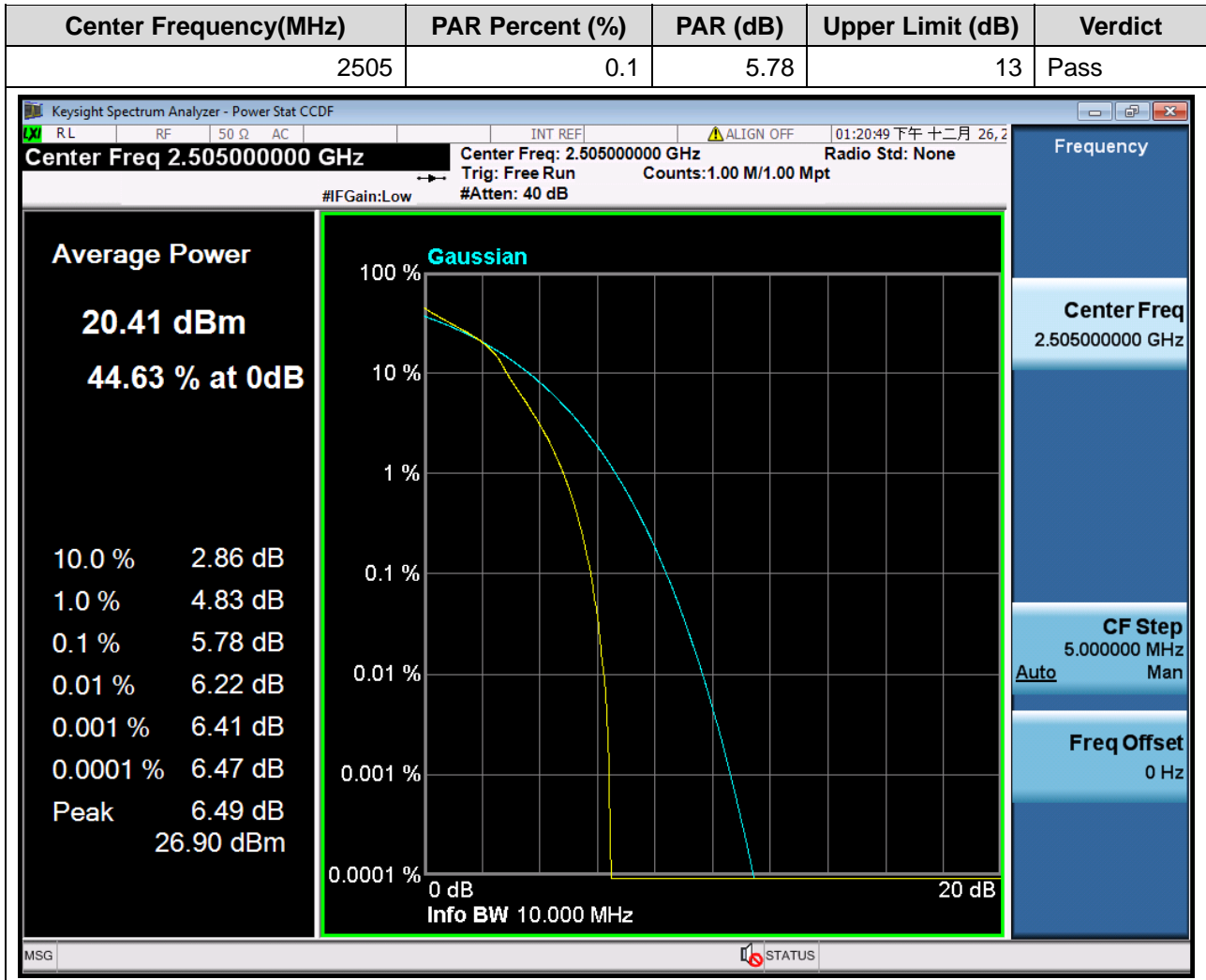
1.49. LTE Peak to Average Ratio(NTNV)(Subtest:49, Channel:20800, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)



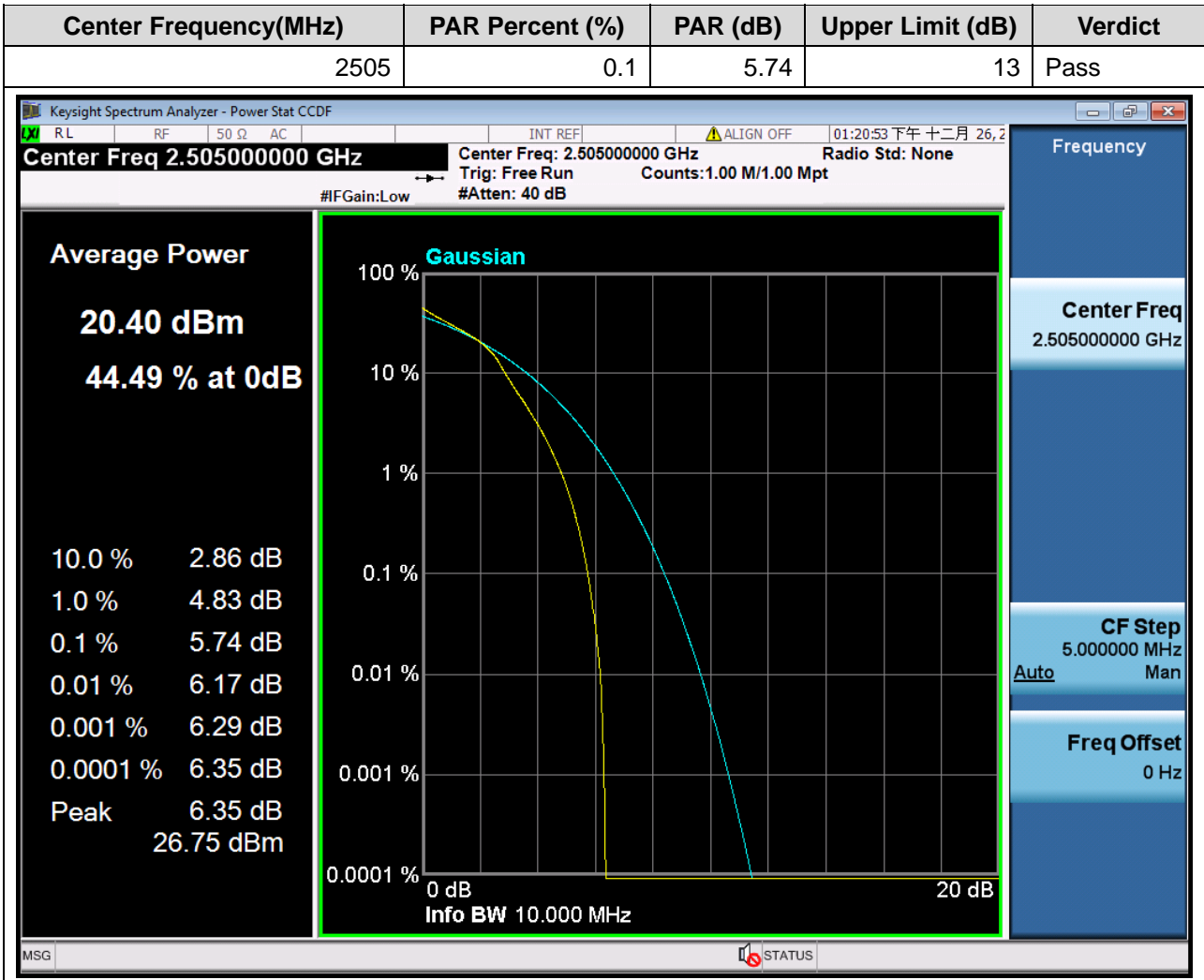
1.50. LTE Peak to Average Ratio(NTNV)(Subtest:50, Channel:20800, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



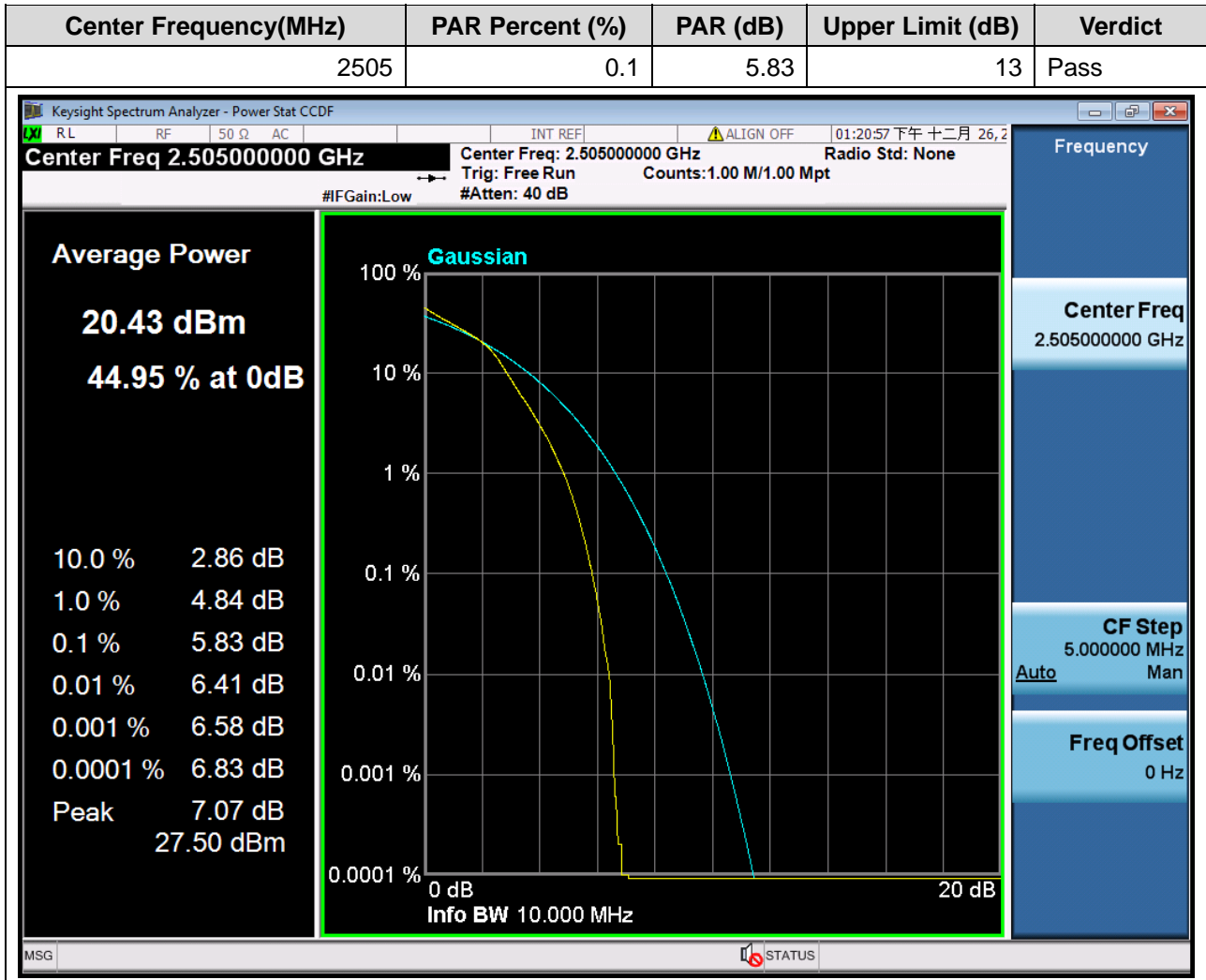
1.51. LTE Peak to Average Ratio(NTNV)(Subtest:51, Channel:20800, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:LOW)



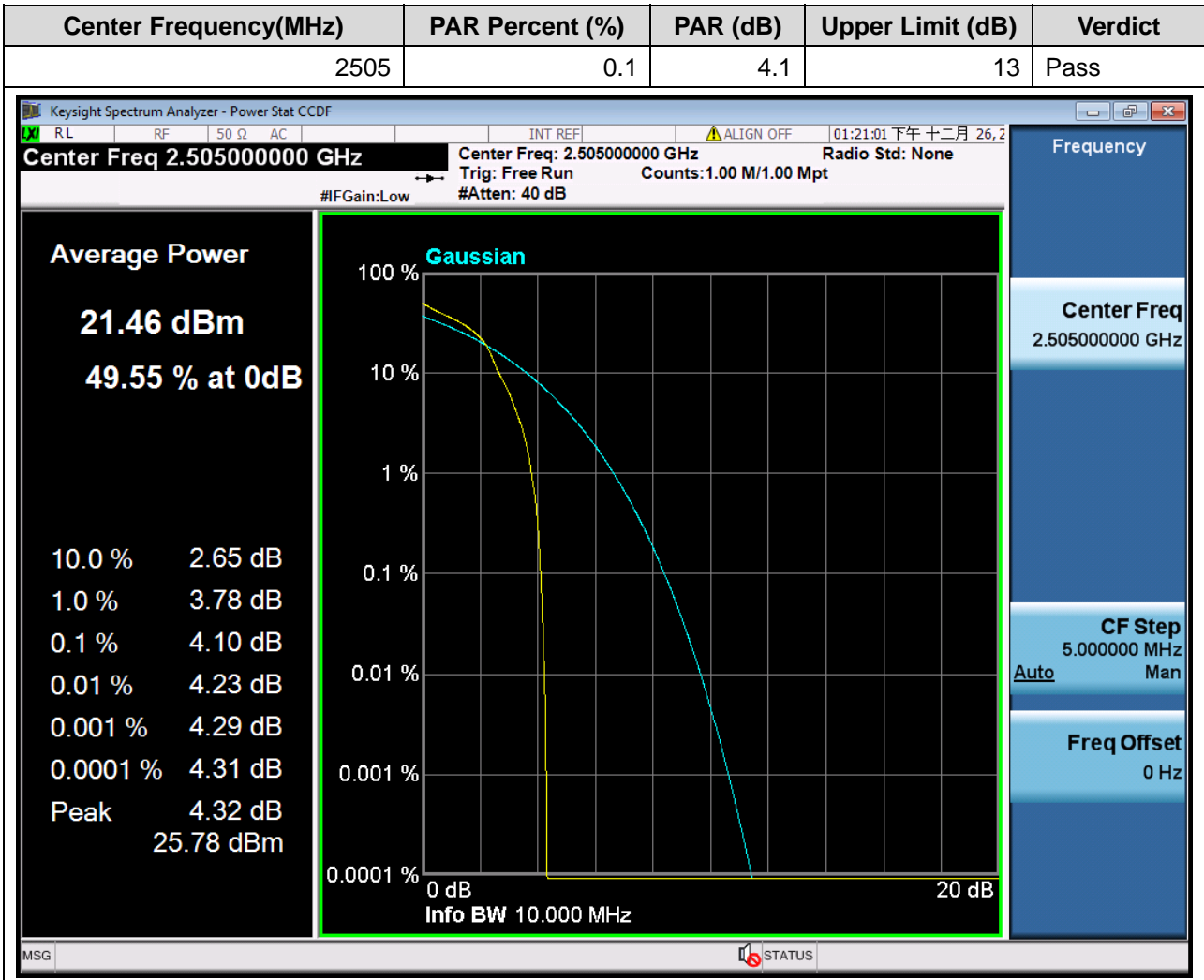
1.52. LTE Peak to Average Ratio(NTNV)(Subtest:52, Channel:20800, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:MID)



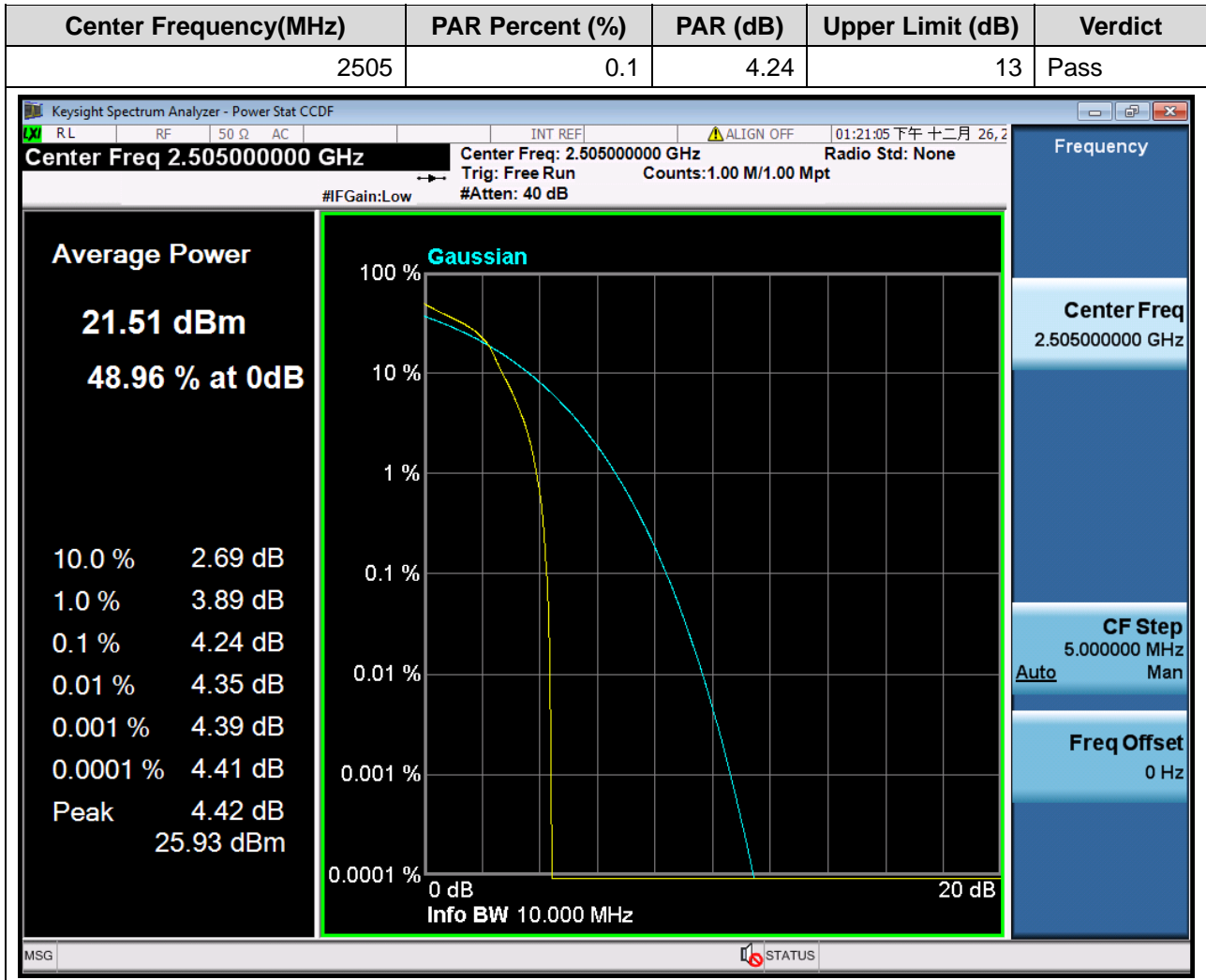
1.53. LTE Peak to Average Ratio(NTNV)(Subtest:53, Channel:20800, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:HIGH)



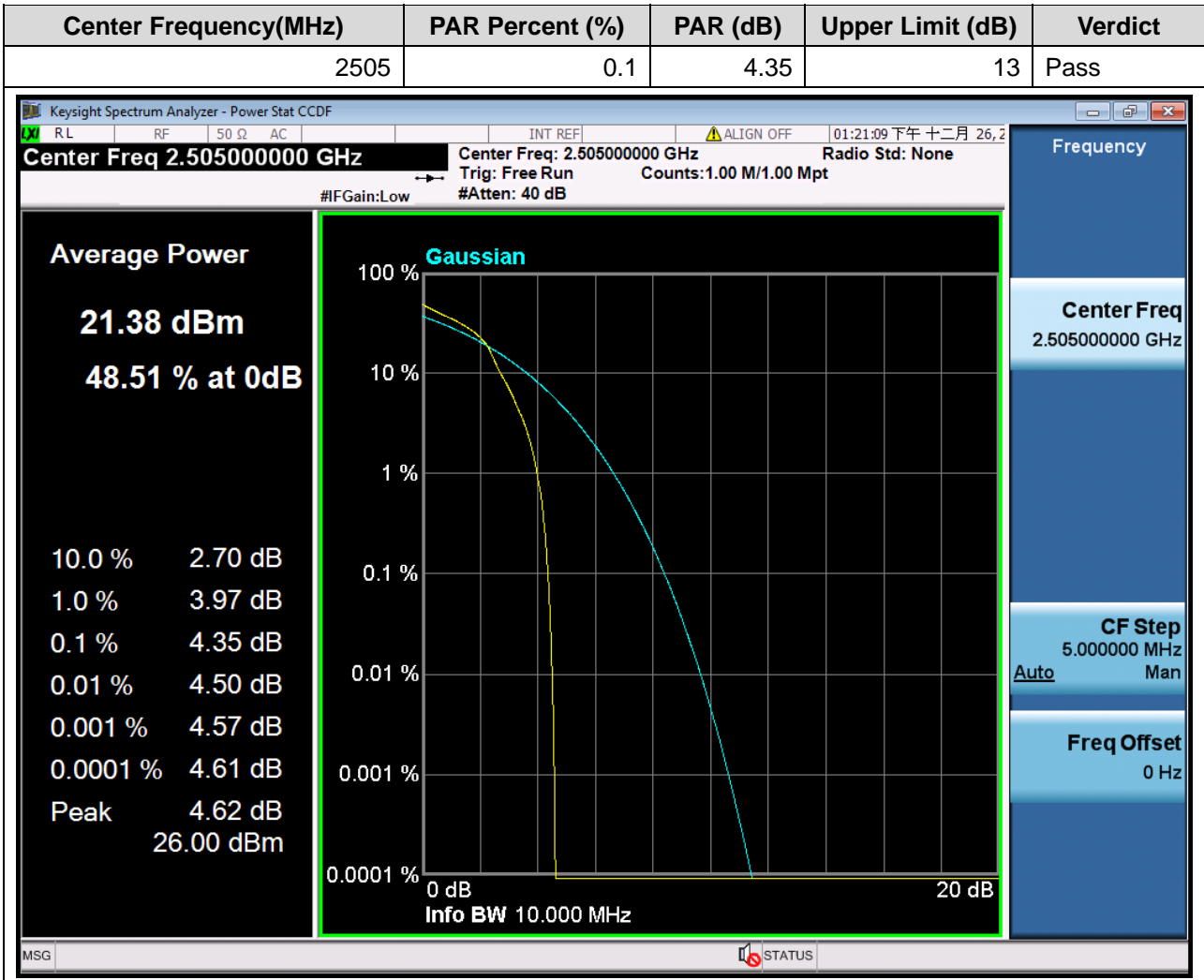
1.54. LTE Peak to Average Ratio(NTNV)(Subtest:54, Channel:20800, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)



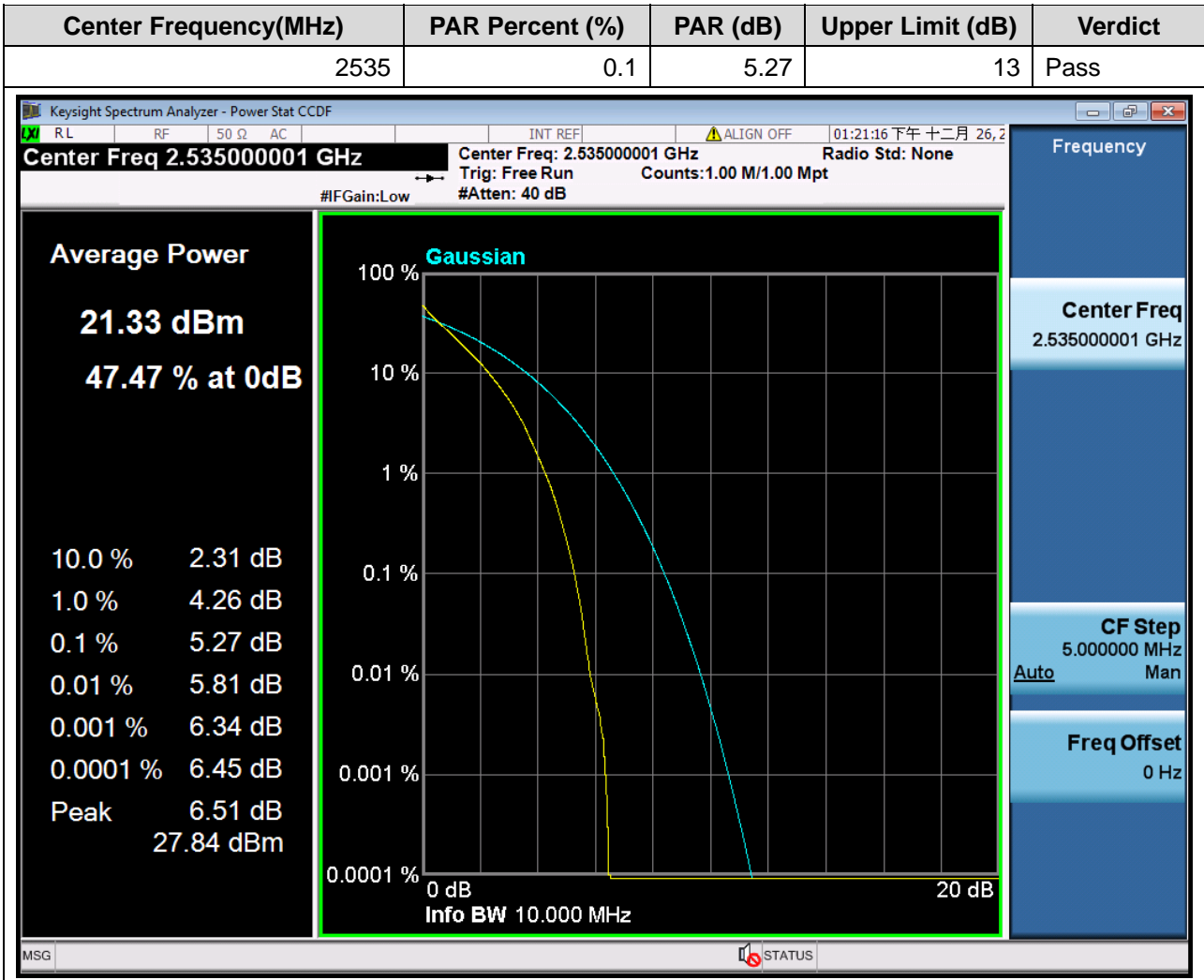
1.55. LTE Peak to Average Ratio(NTNV)(Subtest:55, Channel:20800, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:MID)



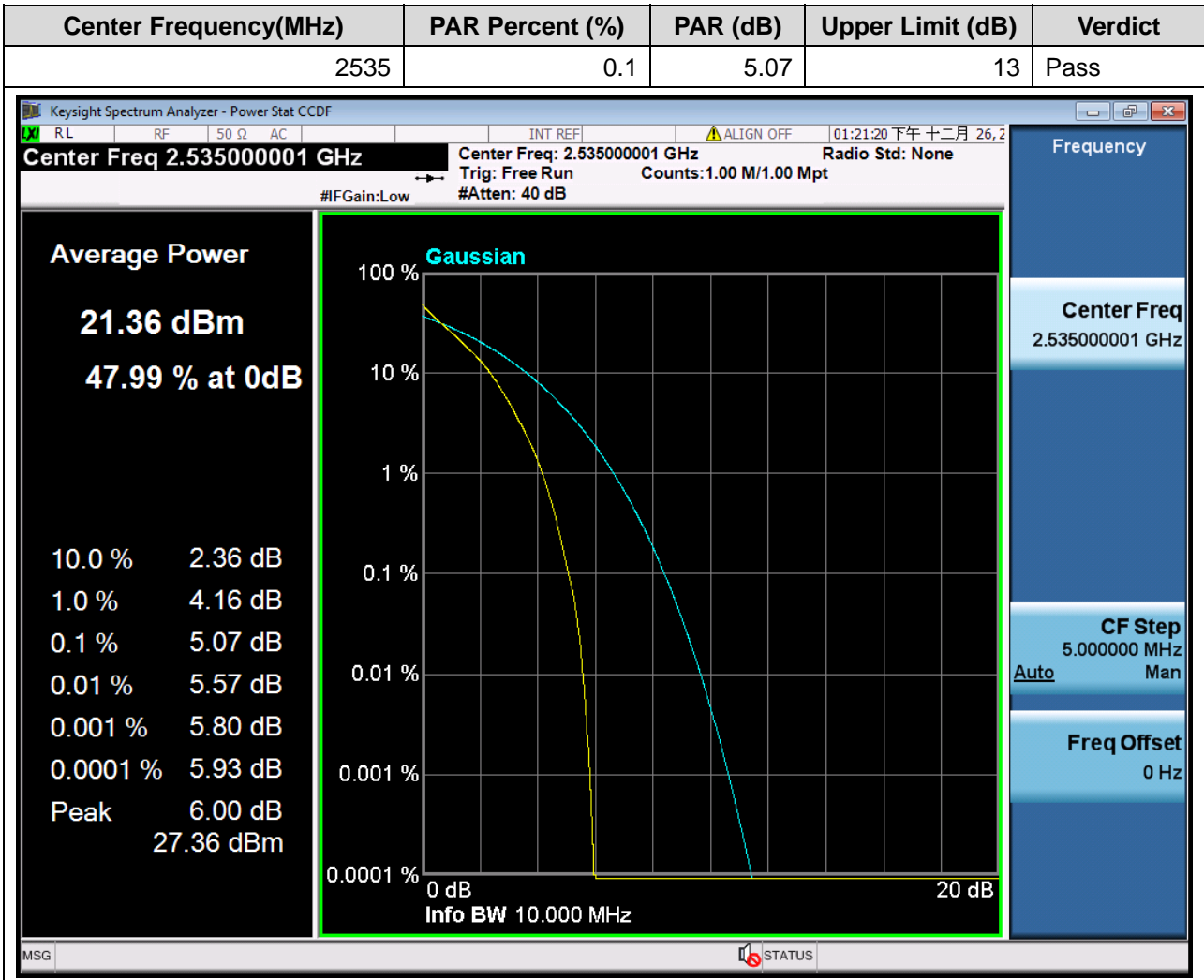
1.56. LTE Peak to Average Ratio(NTNV)(Subtest:56, Channel:20800, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:HIGH)



1.57. LTE Peak to Average Ratio(NTNV)(Subtest:57, Channel:21100, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



1.58. LTE Peak to Average Ratio(NTNV)(Subtest:58, Channel:21100, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:LOW)



1.59. LTE Peak to Average Ratio(NTNV)(Subtest:59, Channel:21100, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:MID)

