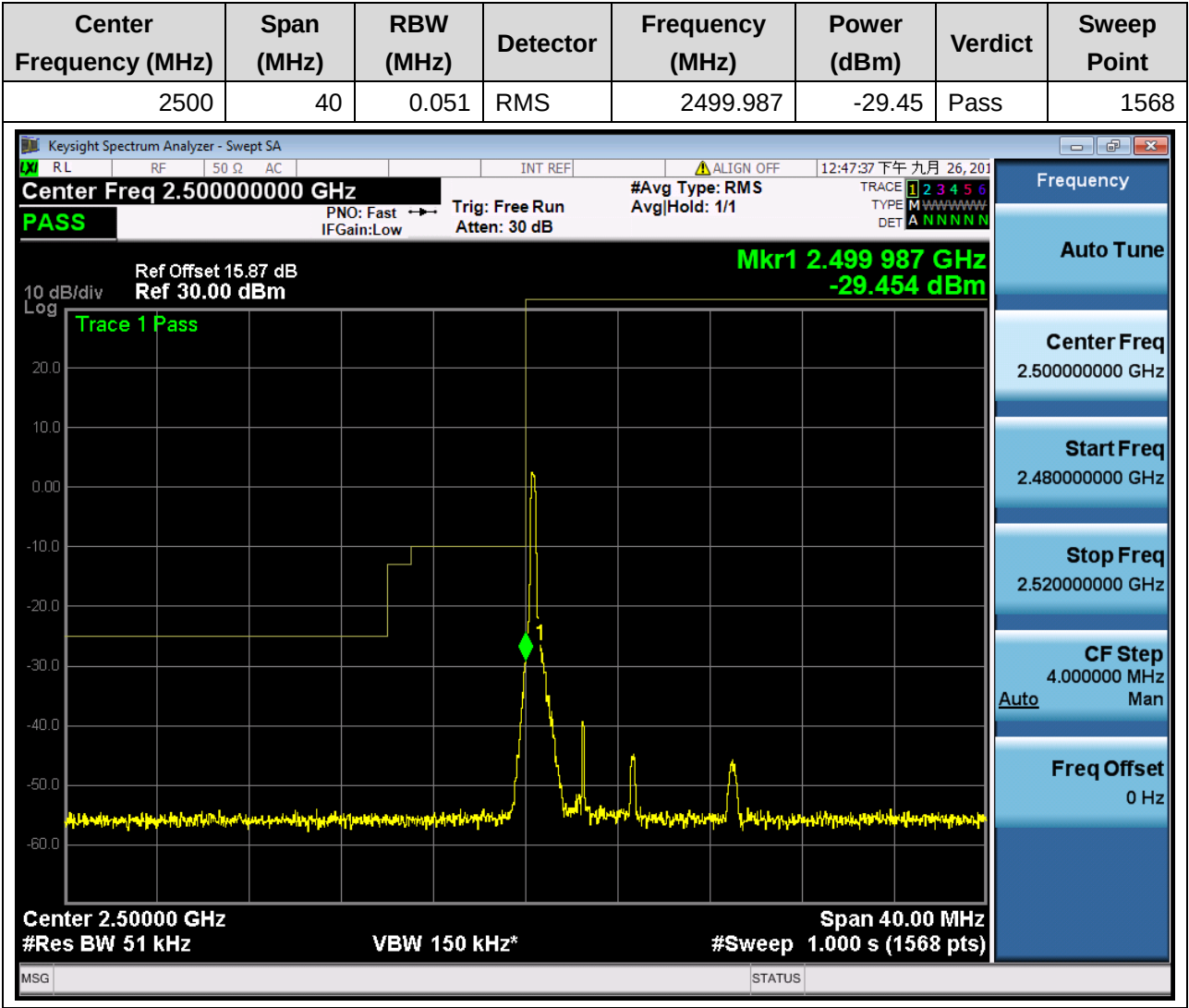


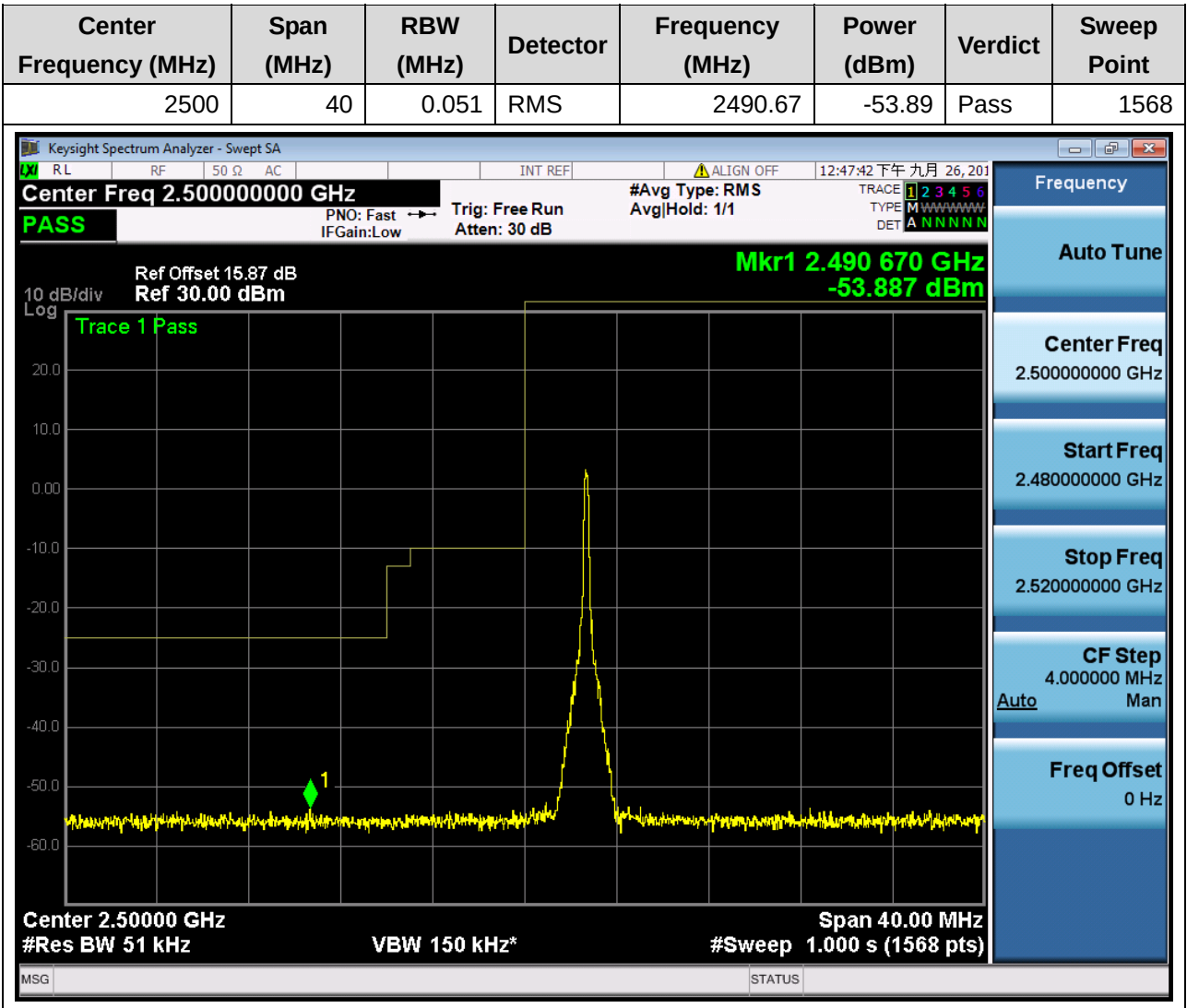
## **Annex E. LTE Band Edge**

1. LTE\_Band7

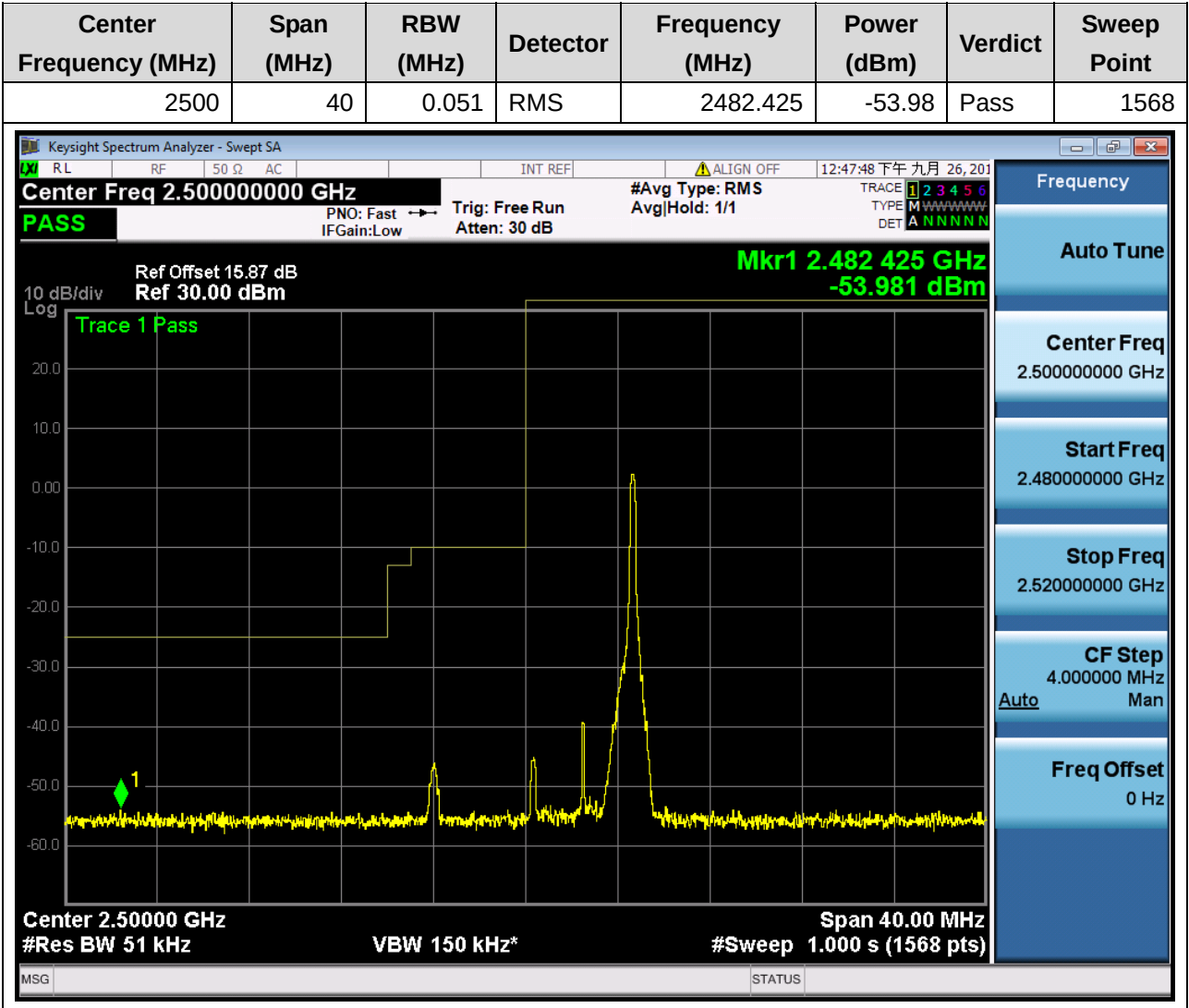
1.1. LTE Band Edge(NTNV)(Subtest:1, Channel:20775, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)



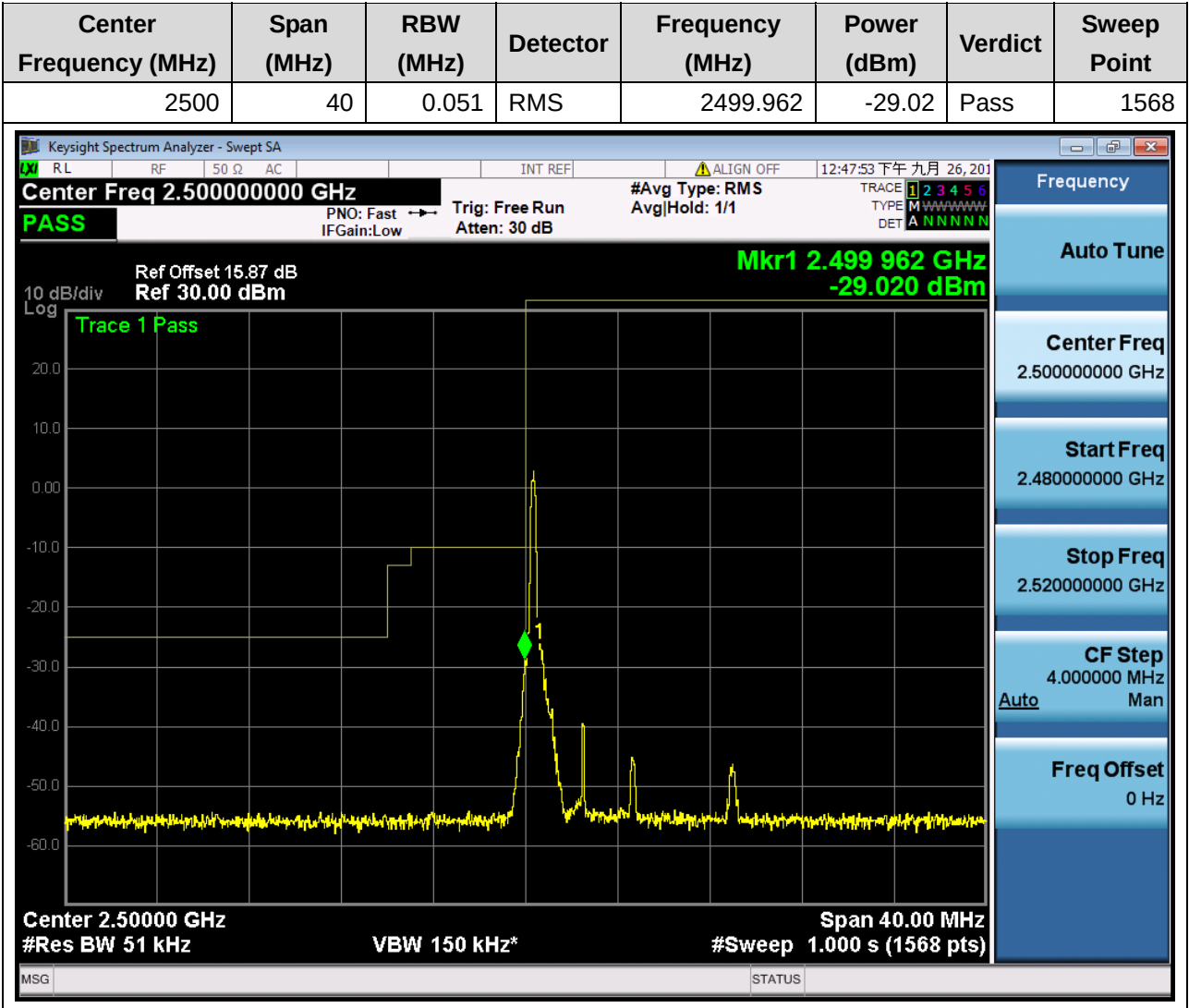
1.2. LTE Band Edge(NTNV)(Subtest:2, Channel:20775, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:MID)



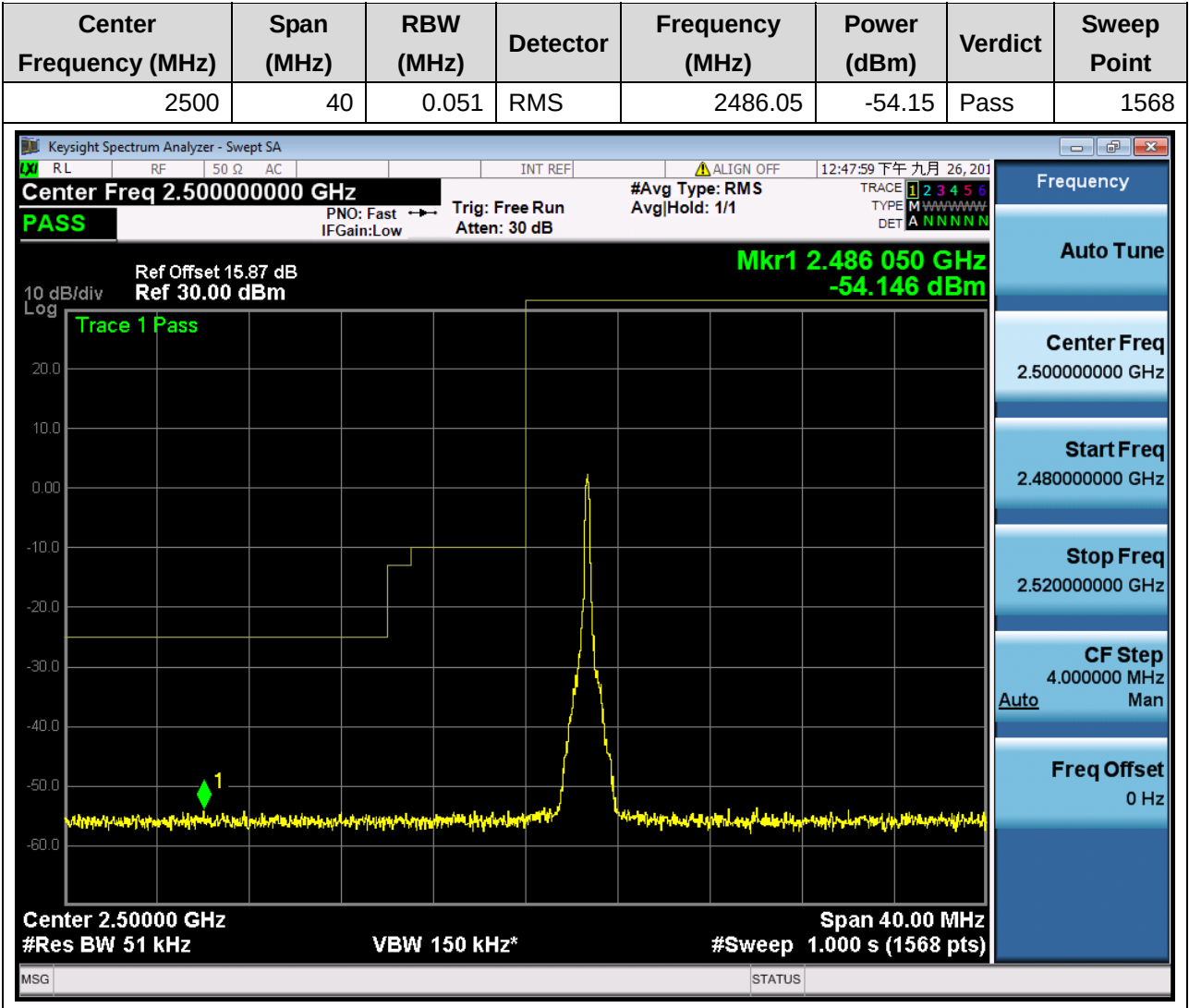
1.3. LTE Band Edge(NTNV)(Subtest:3, Channel:20775, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)



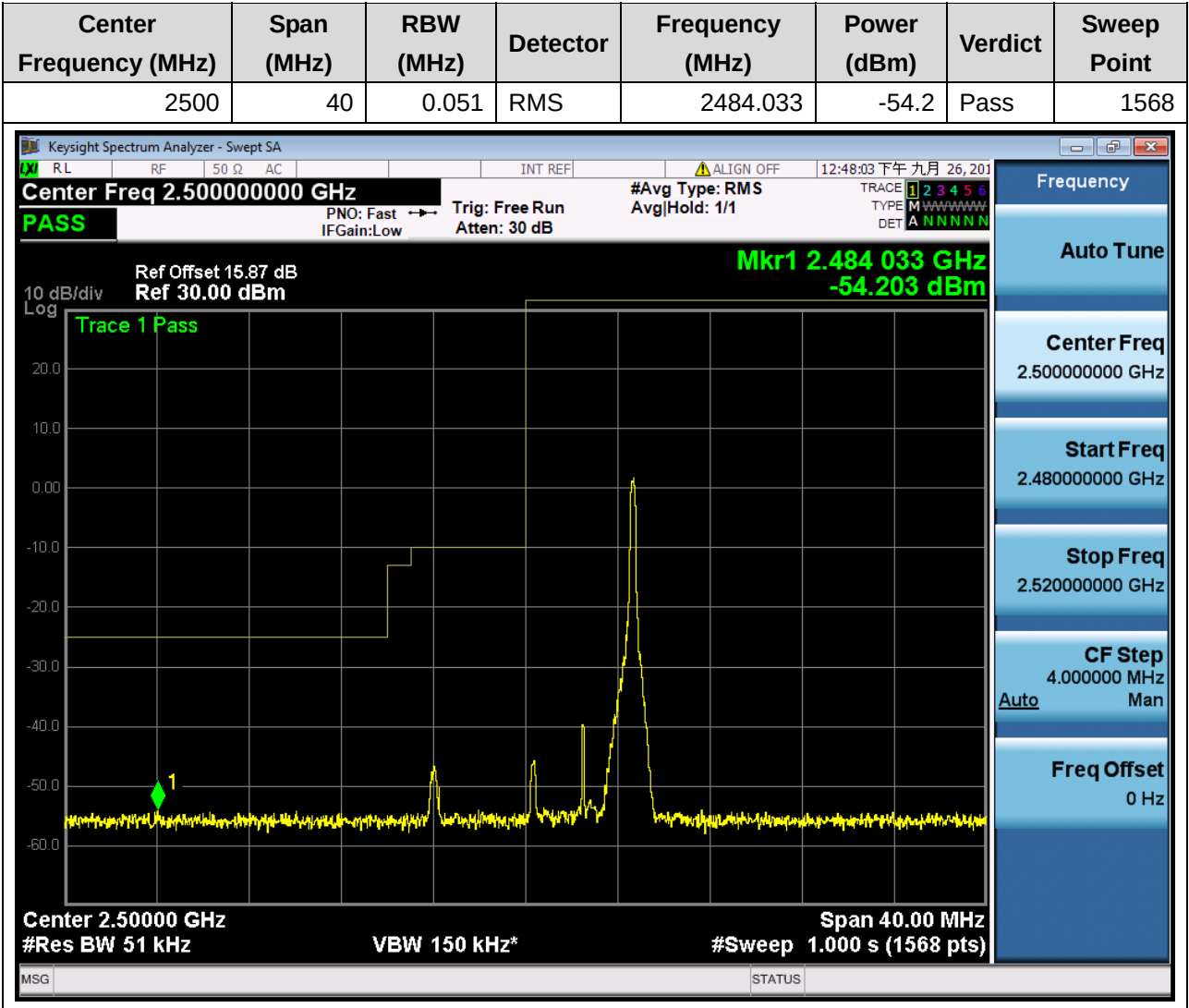
1.4. LTE Band Edge(NTNV)(Subtest:4, Channel:20775, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)



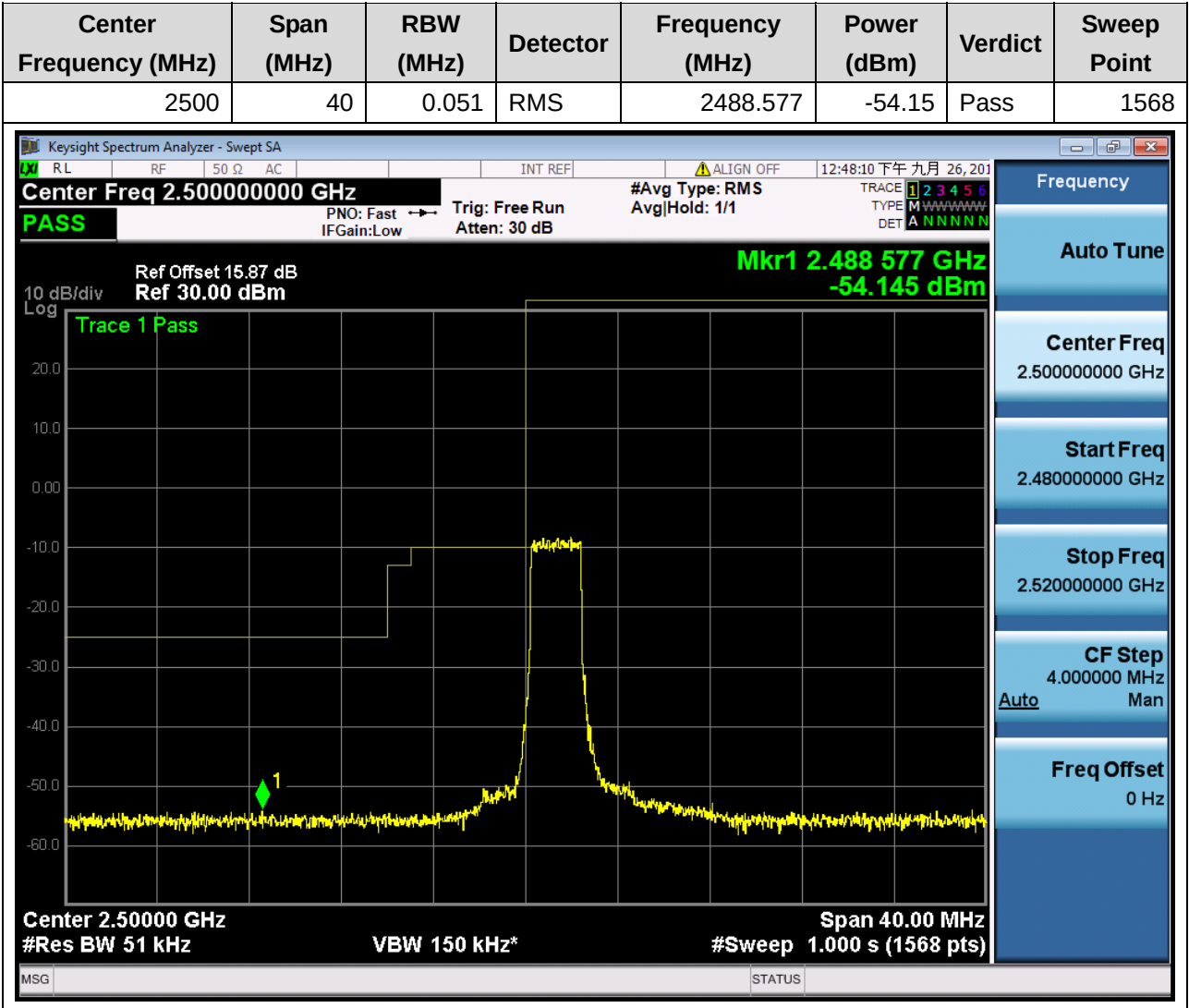
1.5. LTE Band Edge(NTNV)(Subtest:5, Channel:20775, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:MID)



1.6. LTE Band Edge(NTNV)(Subtest:6, Channel:20775, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

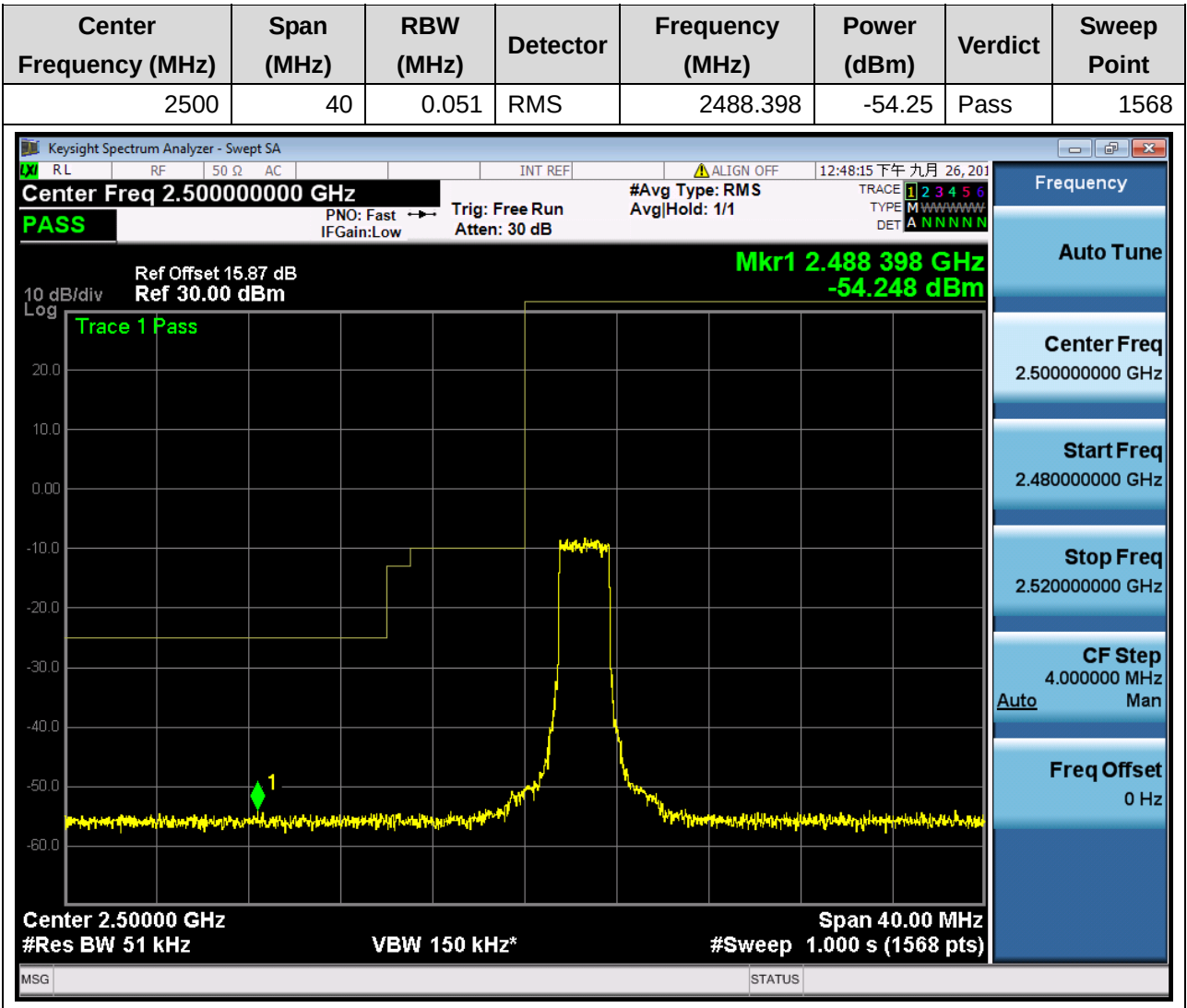


1.7. LTE Band Edge(NTNV)(Subtest:7, Channel:20775, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:LOW)

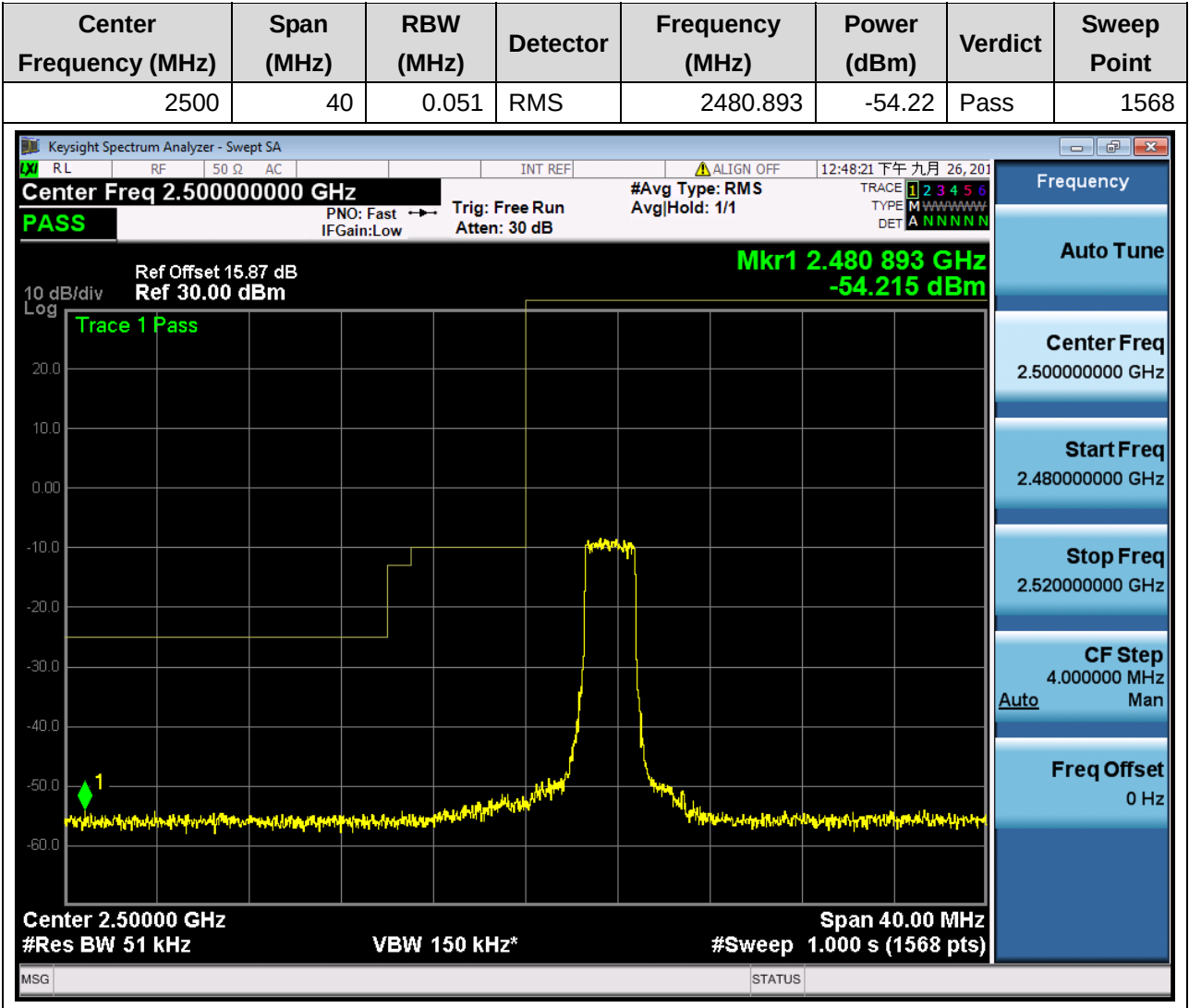




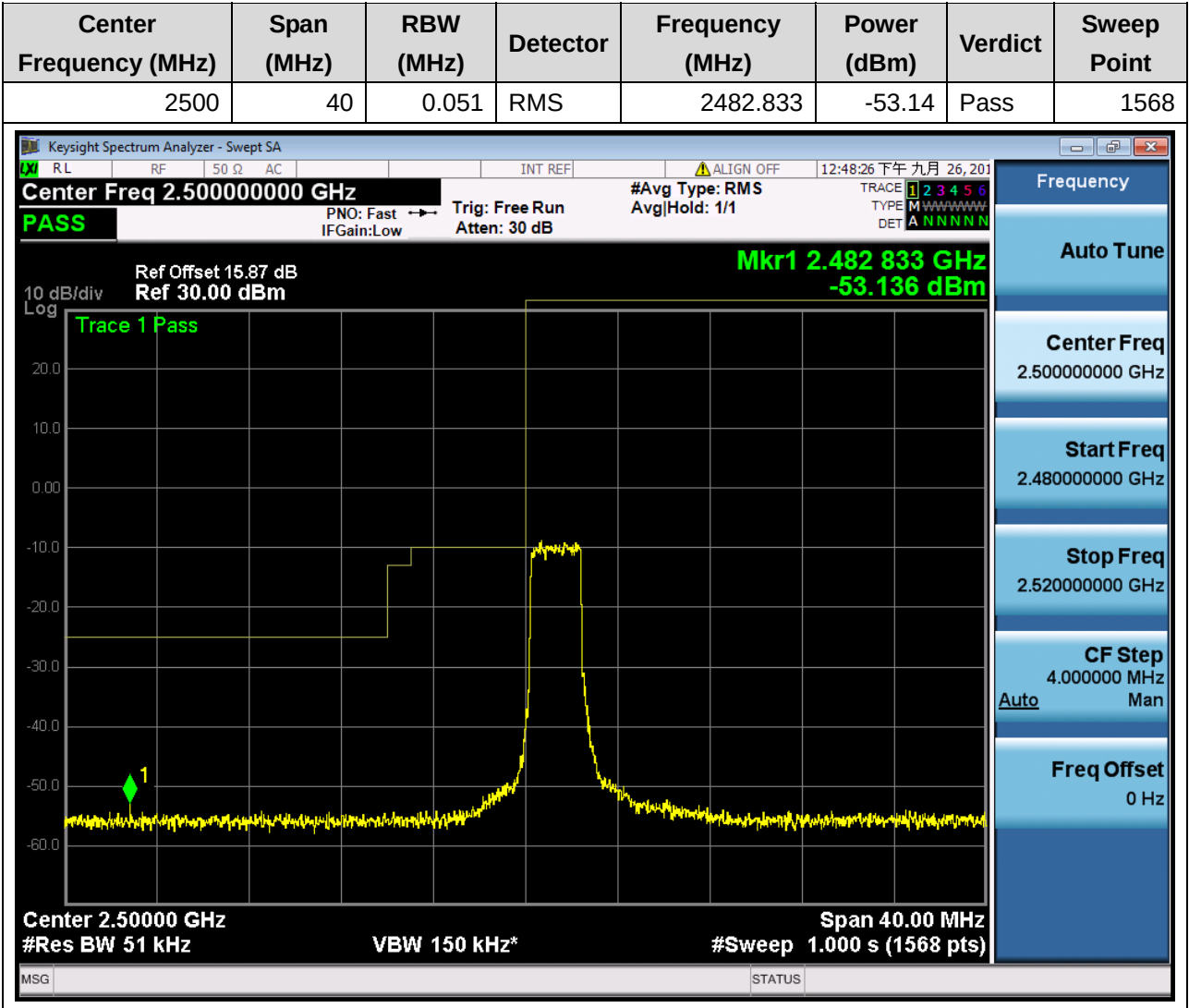
1.8. LTE Band Edge(NTNV)(Subtest:8, Channel:20775, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:MID)



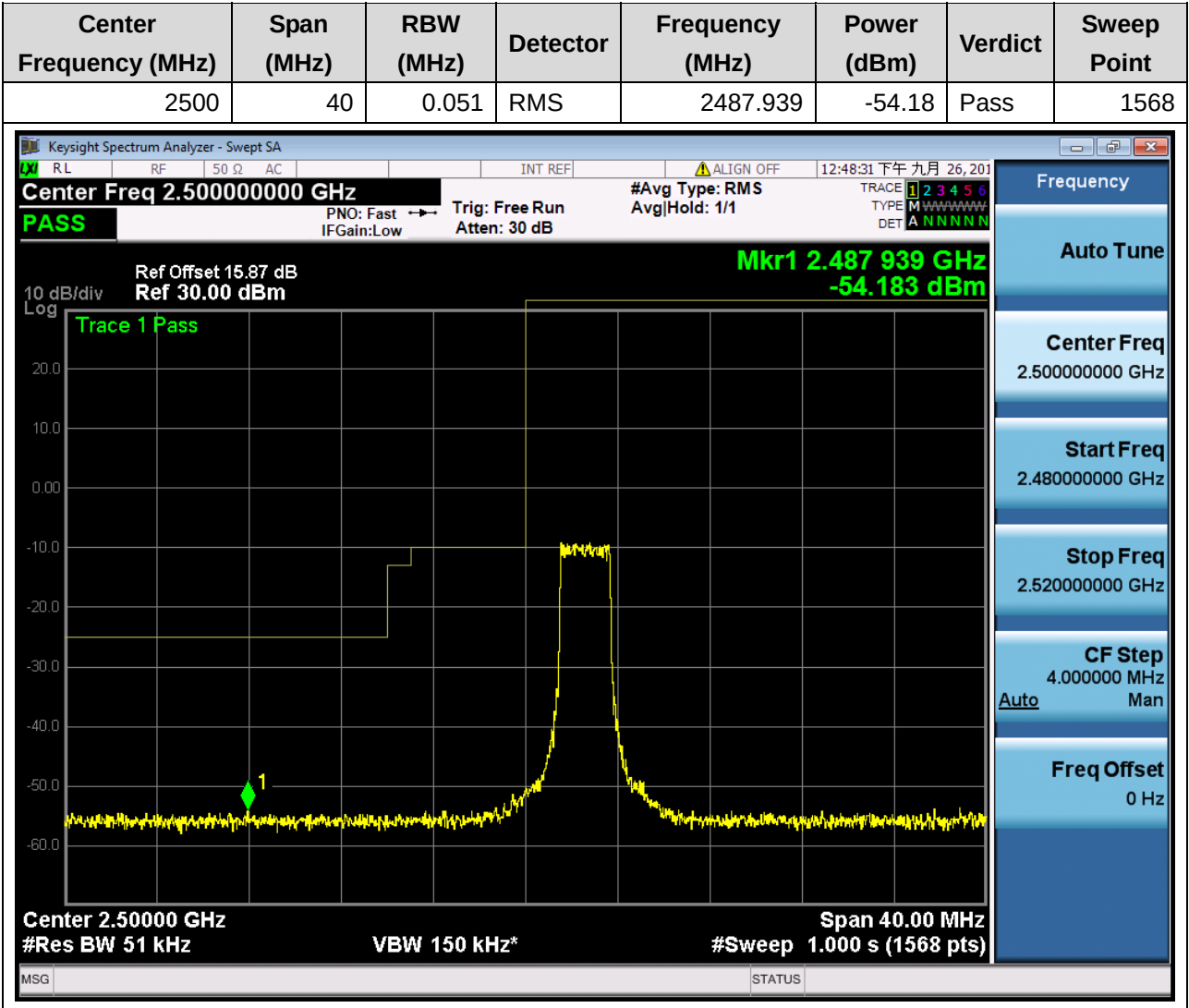
1.9. LTE Band Edge(NTNV)(Subtest:9, Channel:20775, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:HIGH)



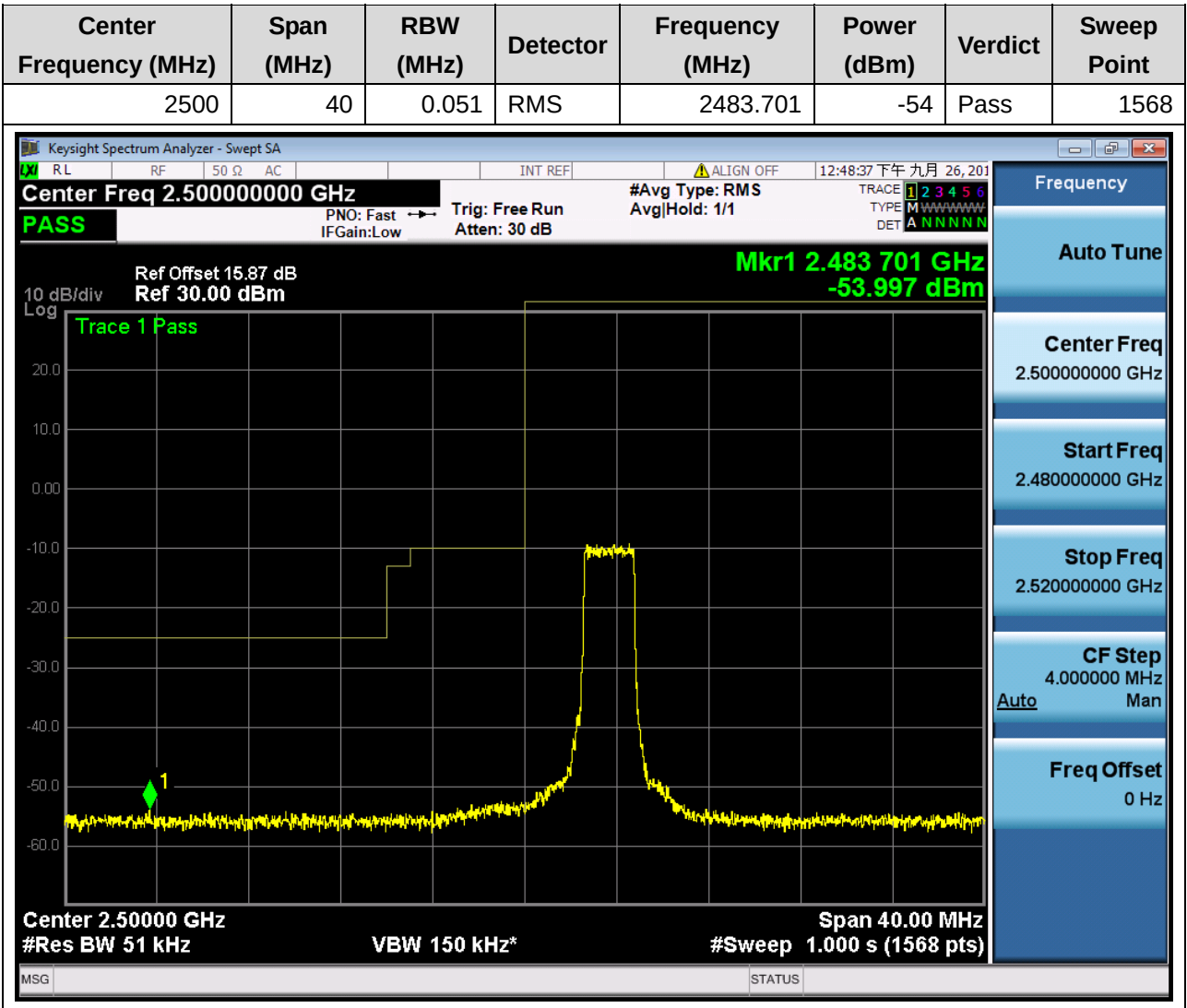
1.10. LTE Band Edge(NTNV)(Subtest:10, Channel:20775, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:LOW)



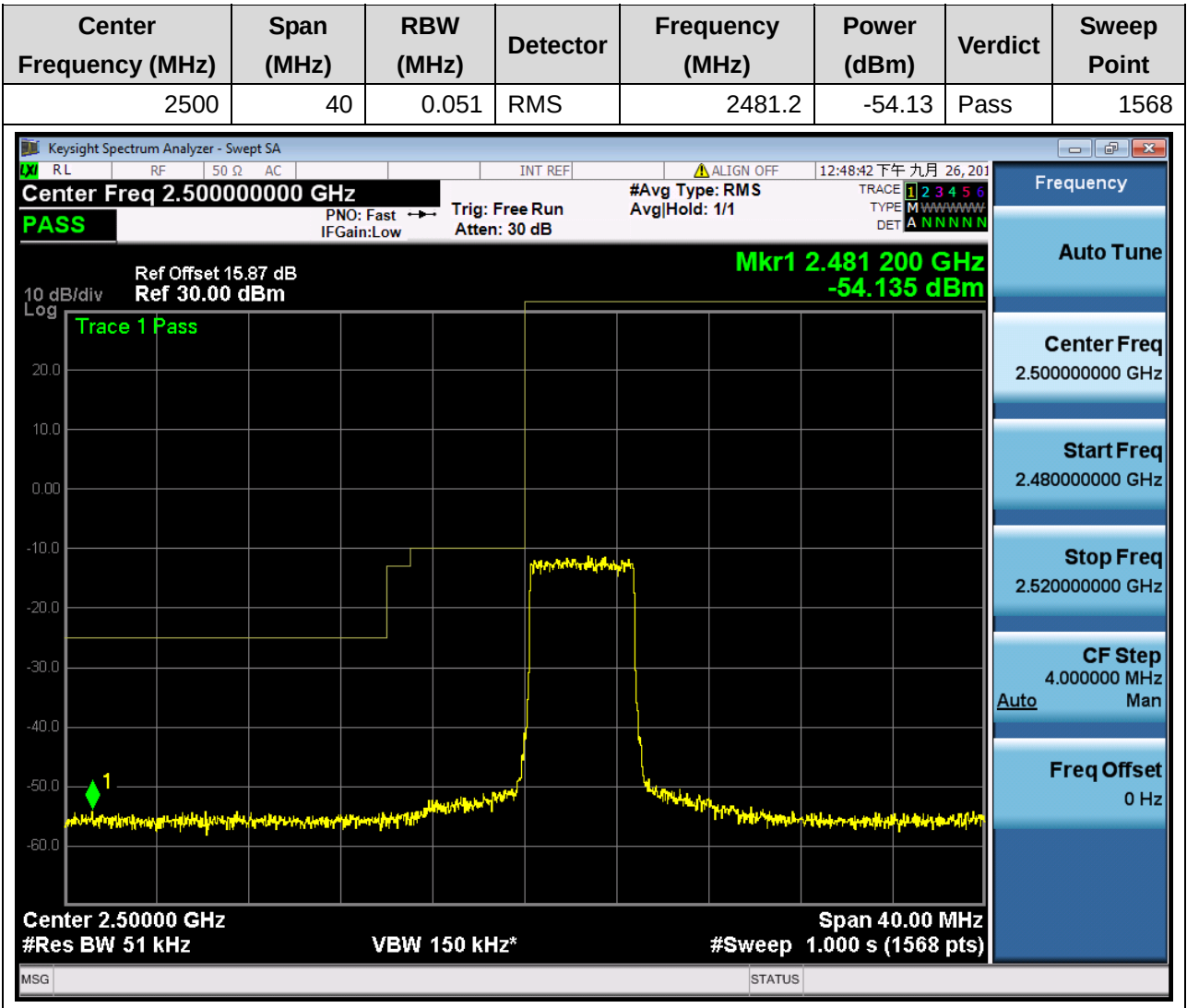
1.11. LTE Band Edge(NTNV)(Subtest:11, Channel:20775, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:MID)



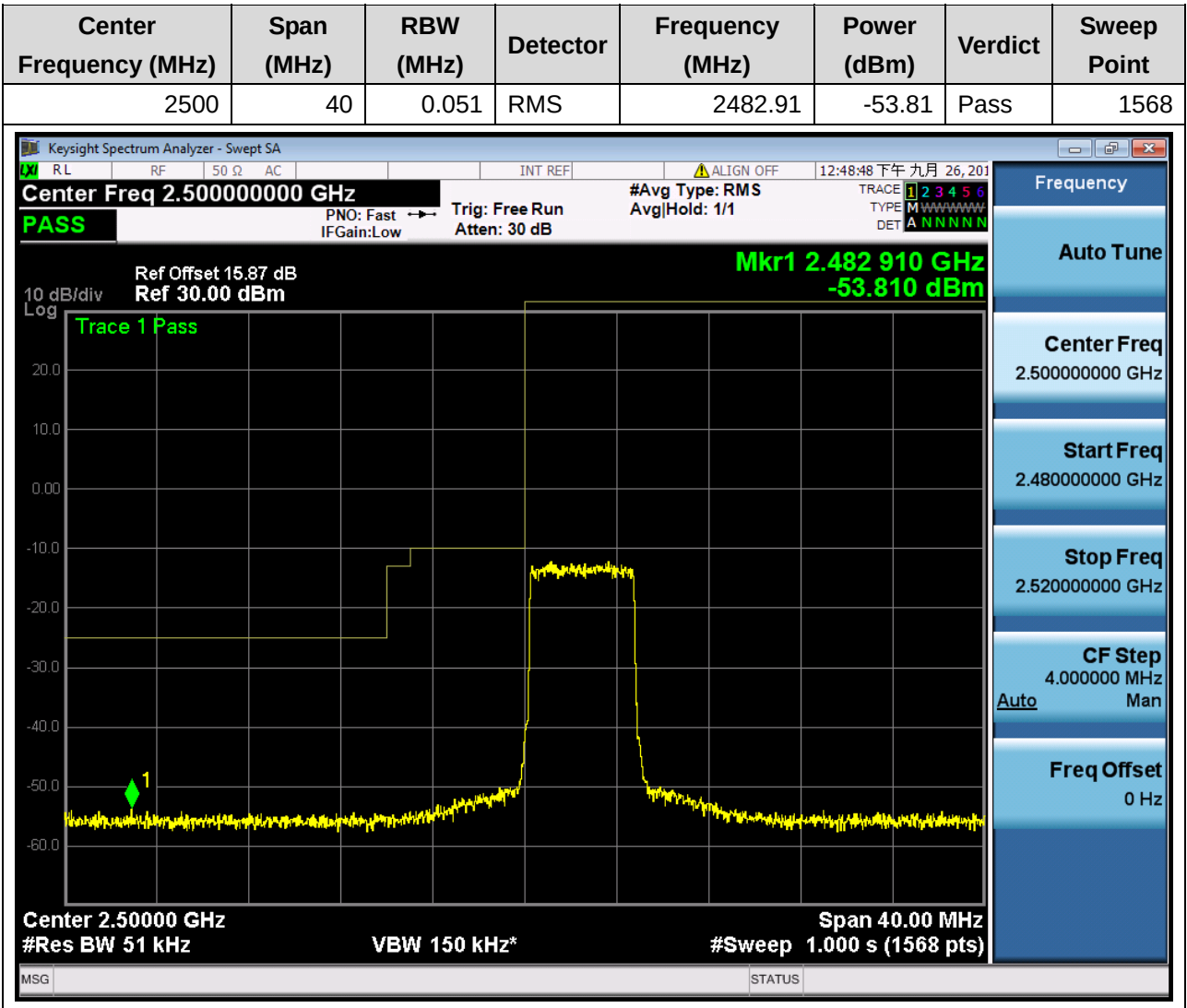
1.12. LTE Band Edge(NTNV)(Subtest:12, Channel:20775, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:HIGH)



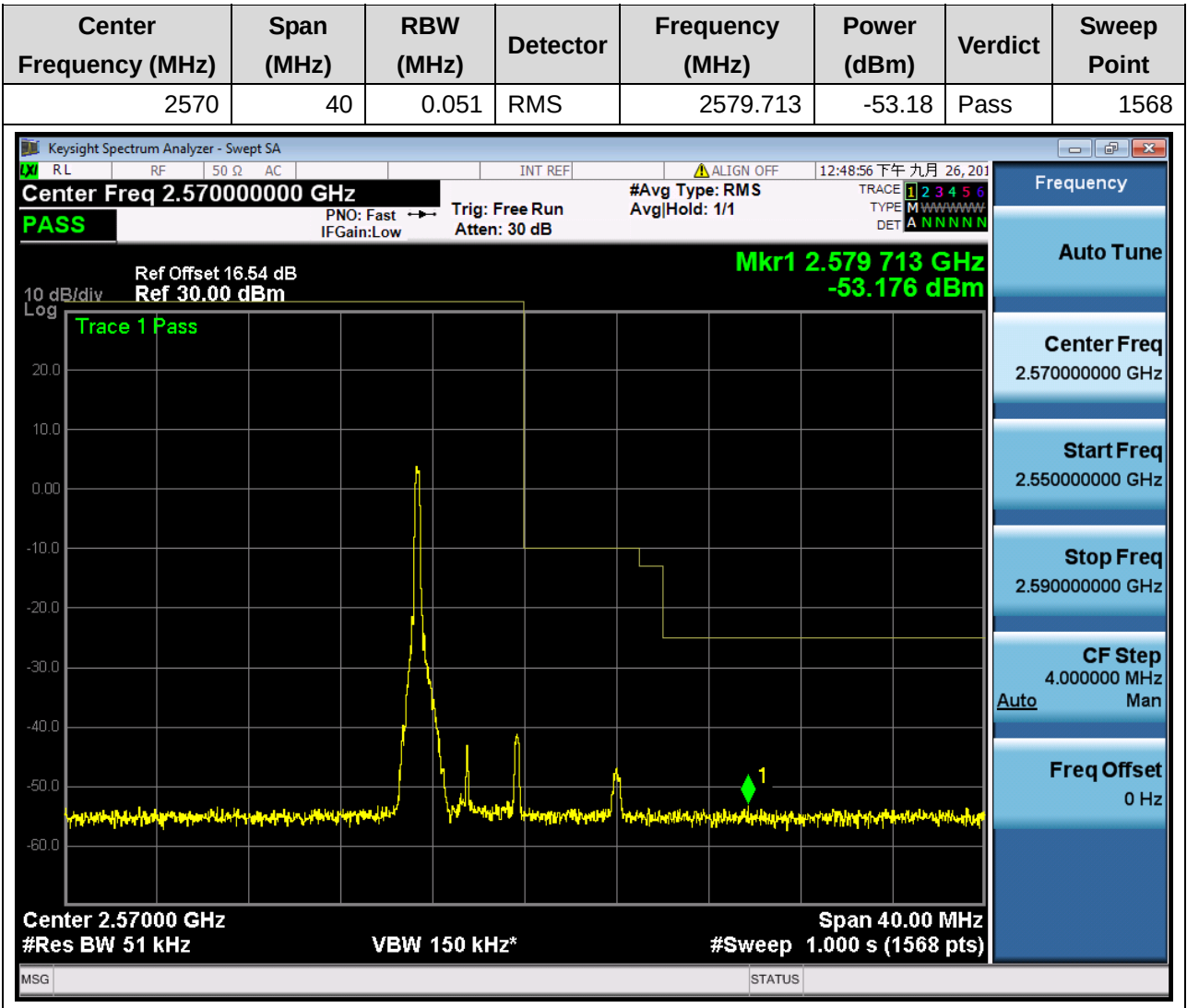
1.13. LTE Band Edge(NTNV)(Subtest:13, Channel:20775, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



1.14. LTE Band Edge(NTNV)(Subtest:14, Channel:20775, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

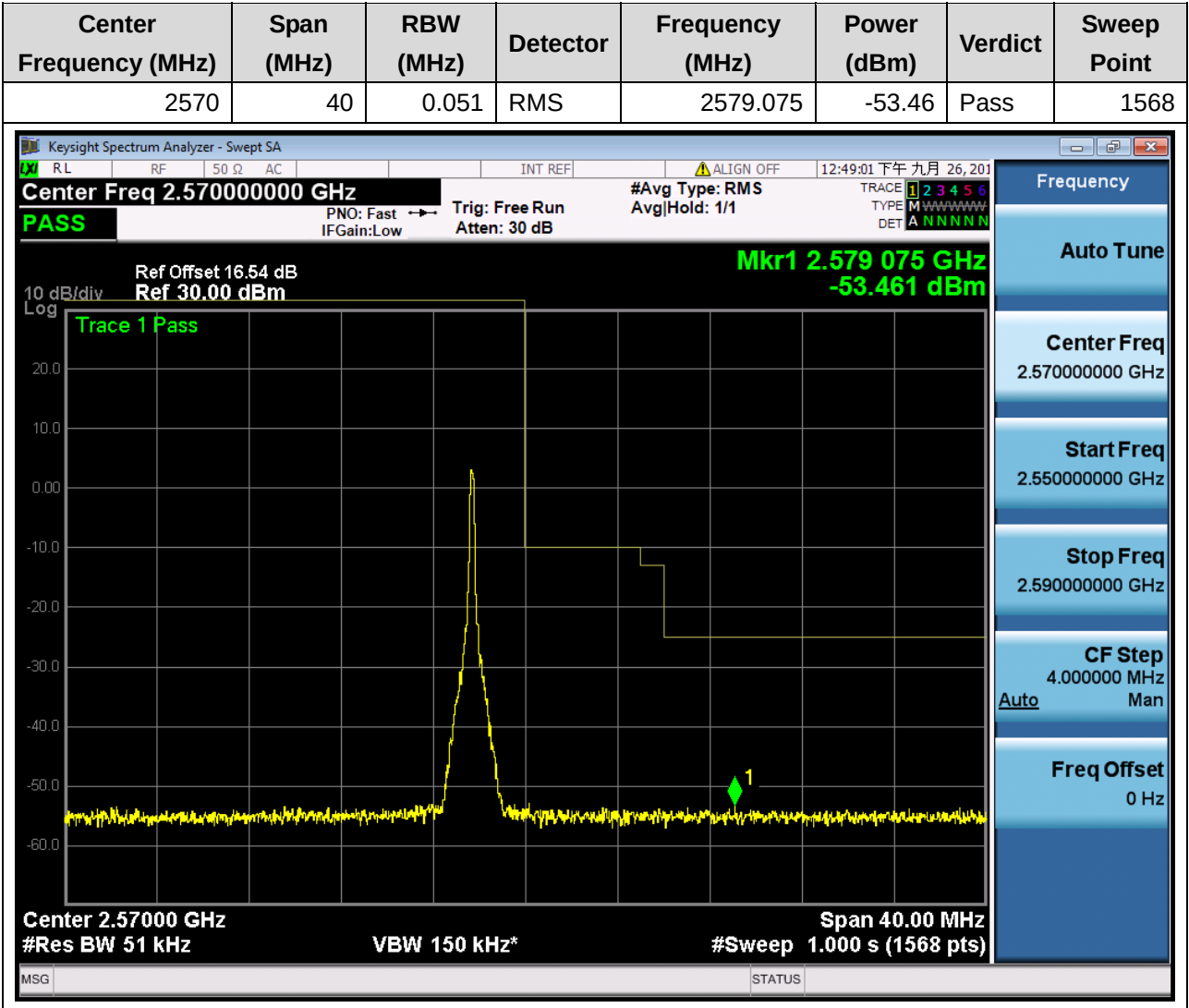


1.15. LTE Band Edge(NTNV)(Subtest:15, Channel:21425, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

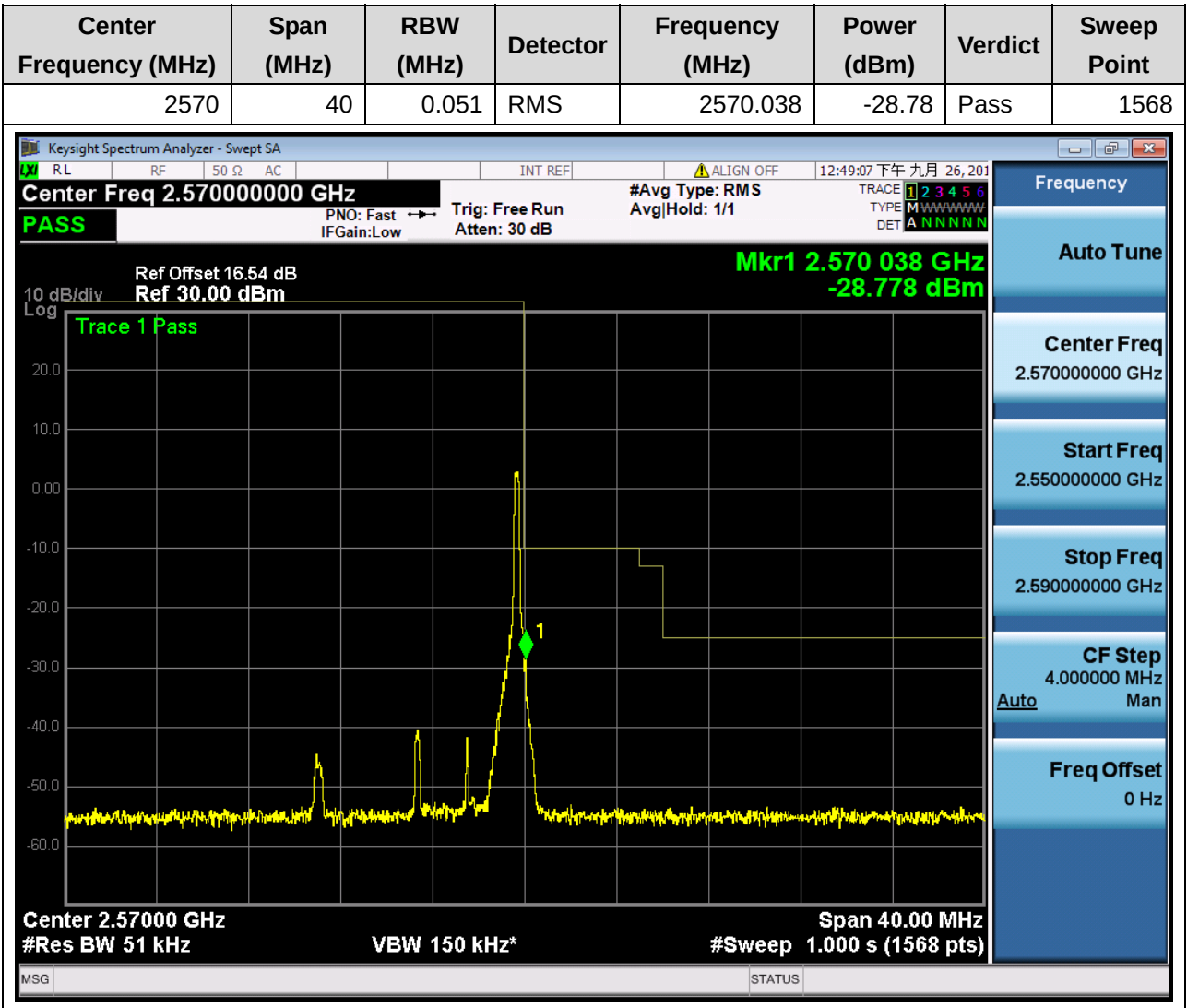




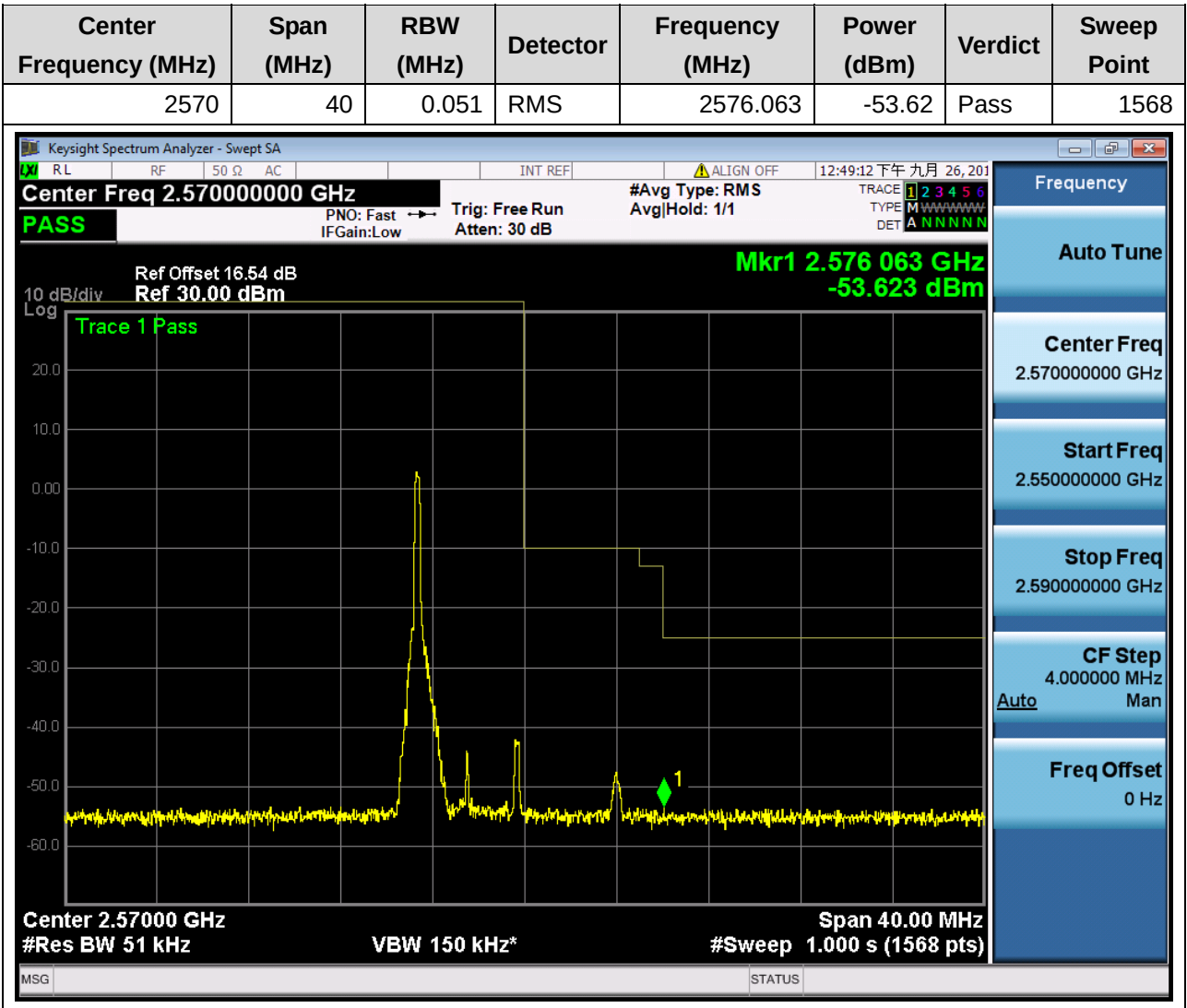
1.16. LTE Band Edge(NTNV)(Subtest:16, Channel:21425, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:MID)



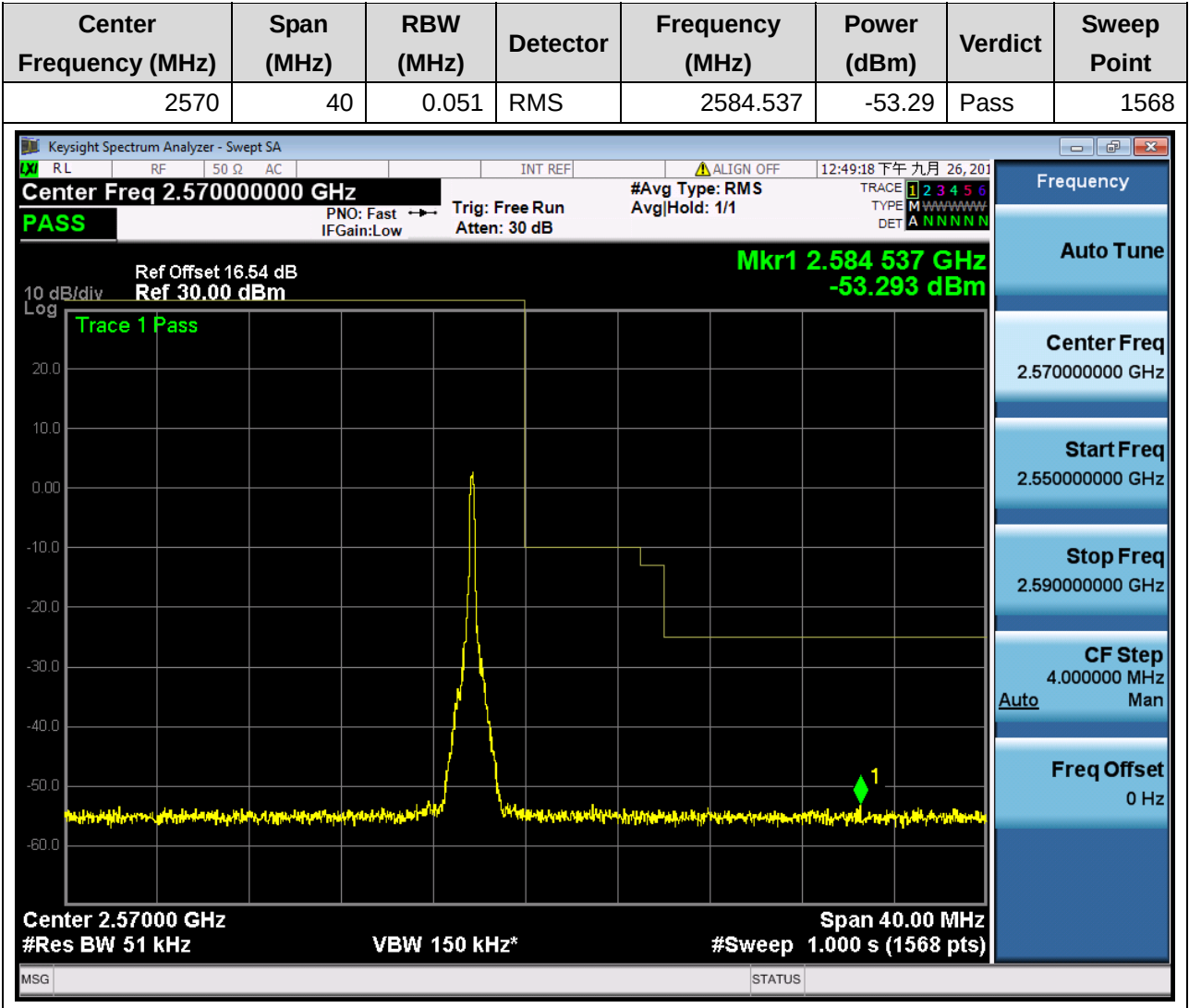
1.17. LTE Band Edge(NTNV)(Subtest:17, Channel:21425, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)



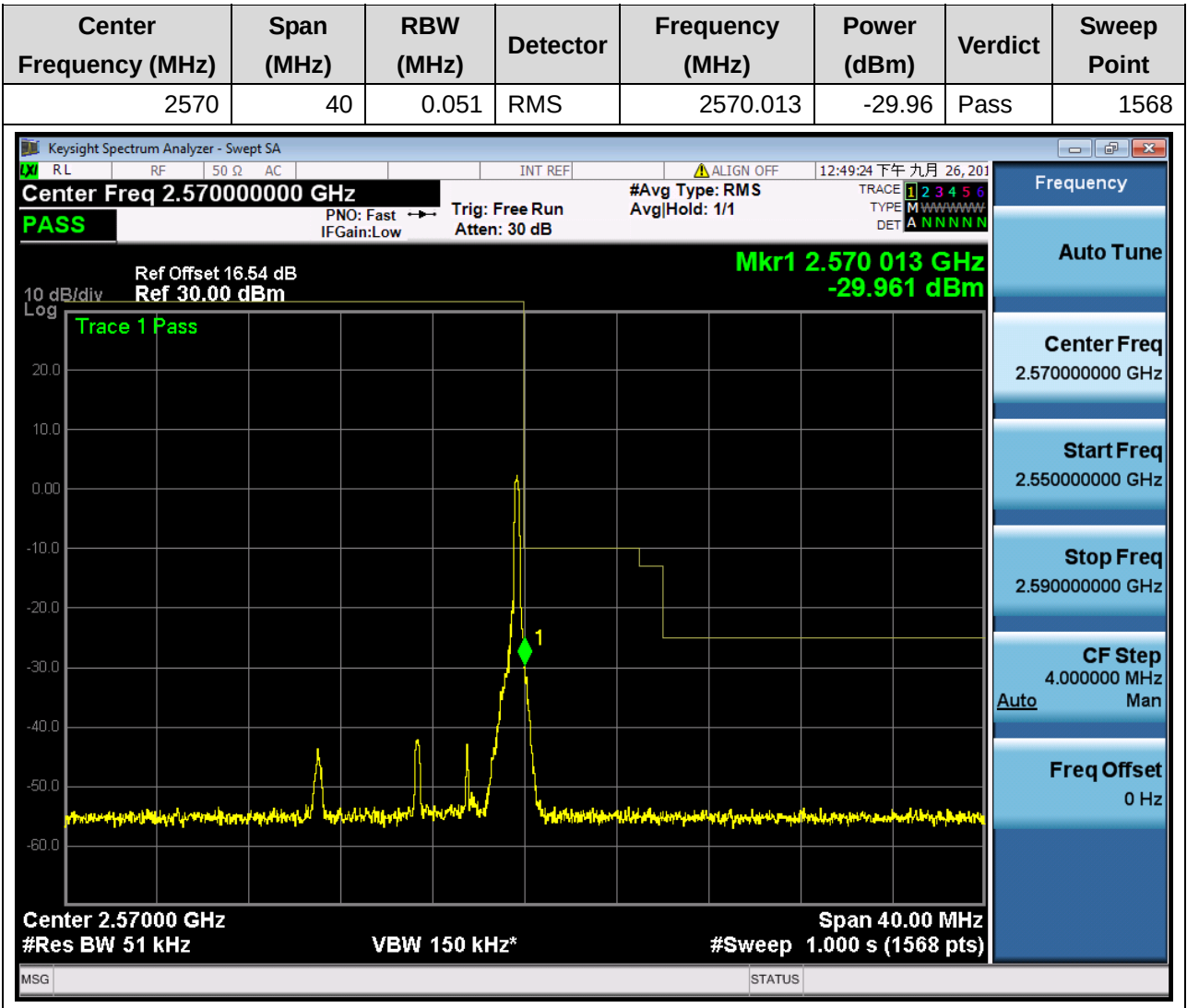
1.18. LTE Band Edge(NTNV)(Subtest:18, Channel:21425, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)



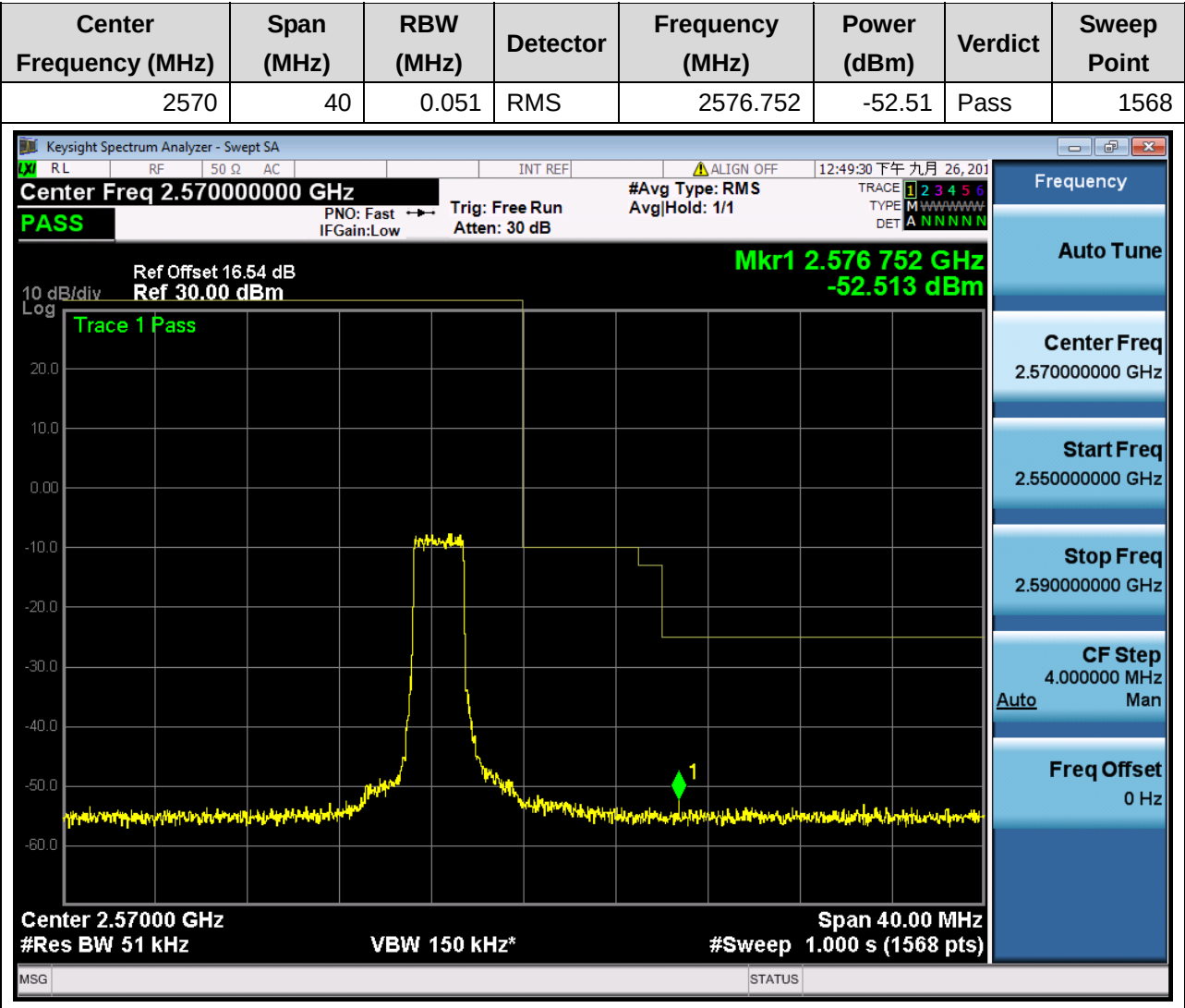
1.19. LTE Band Edge(NTNV)(Subtest:19, Channel:21425, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:MID)



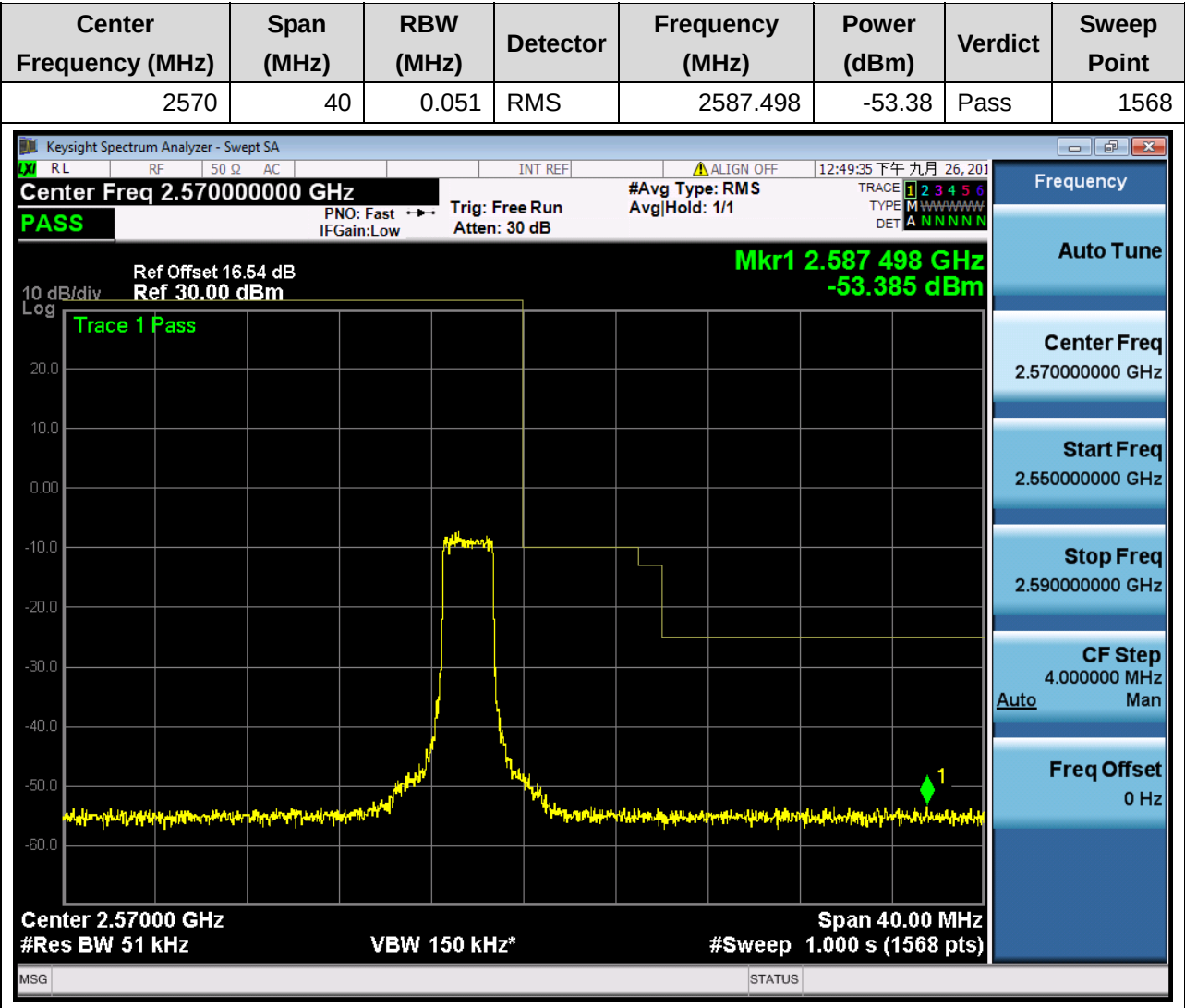
1.20. LTE Band Edge(NTNV)(Subtest:20, Channel:21425, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)



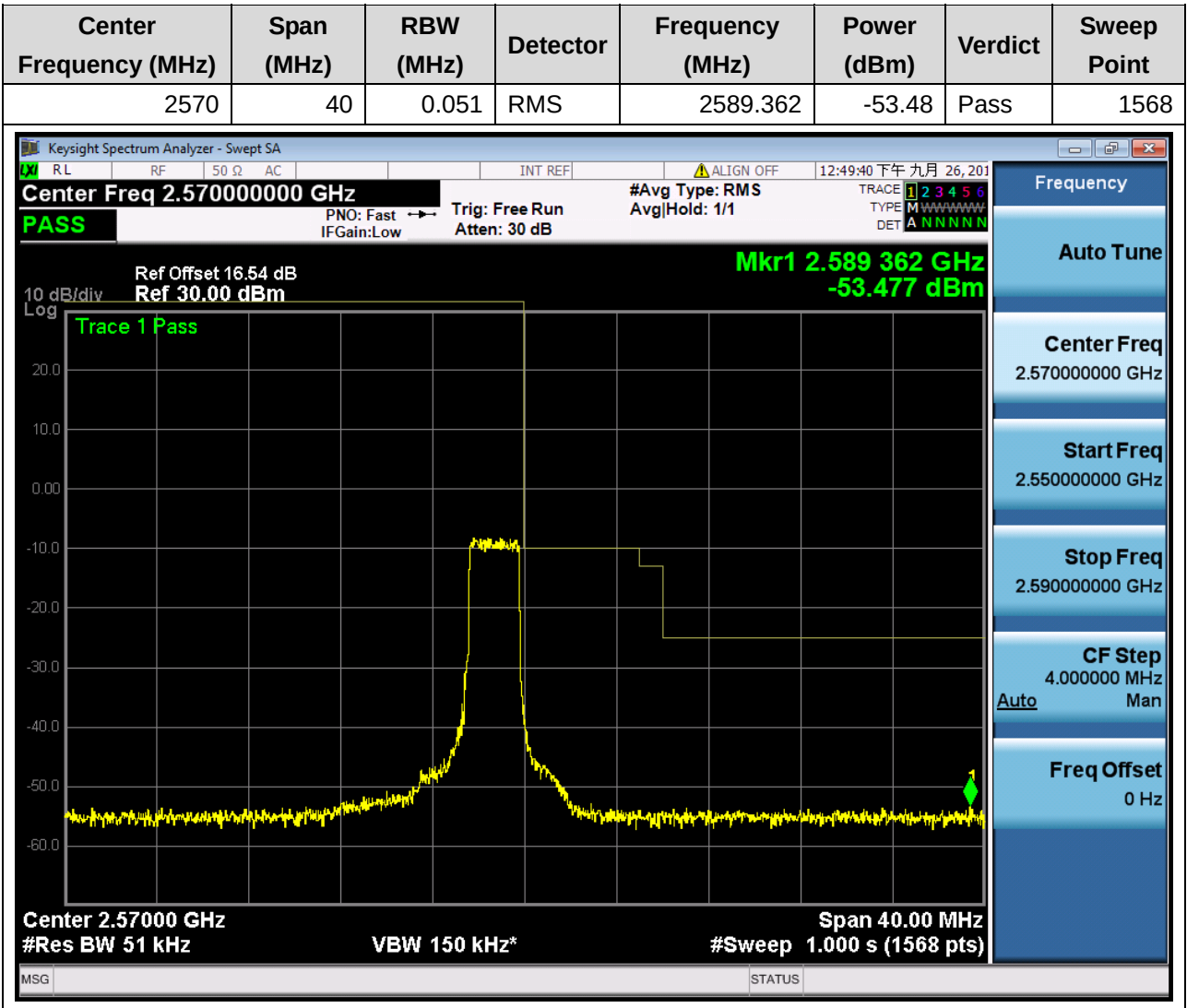
1.21. LTE Band Edge(NTNV)(Subtest:21, Channel:21425, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:LOW)



1.22. LTE Band Edge(NTNV)(Subtest:22, Channel:21425, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:MID)

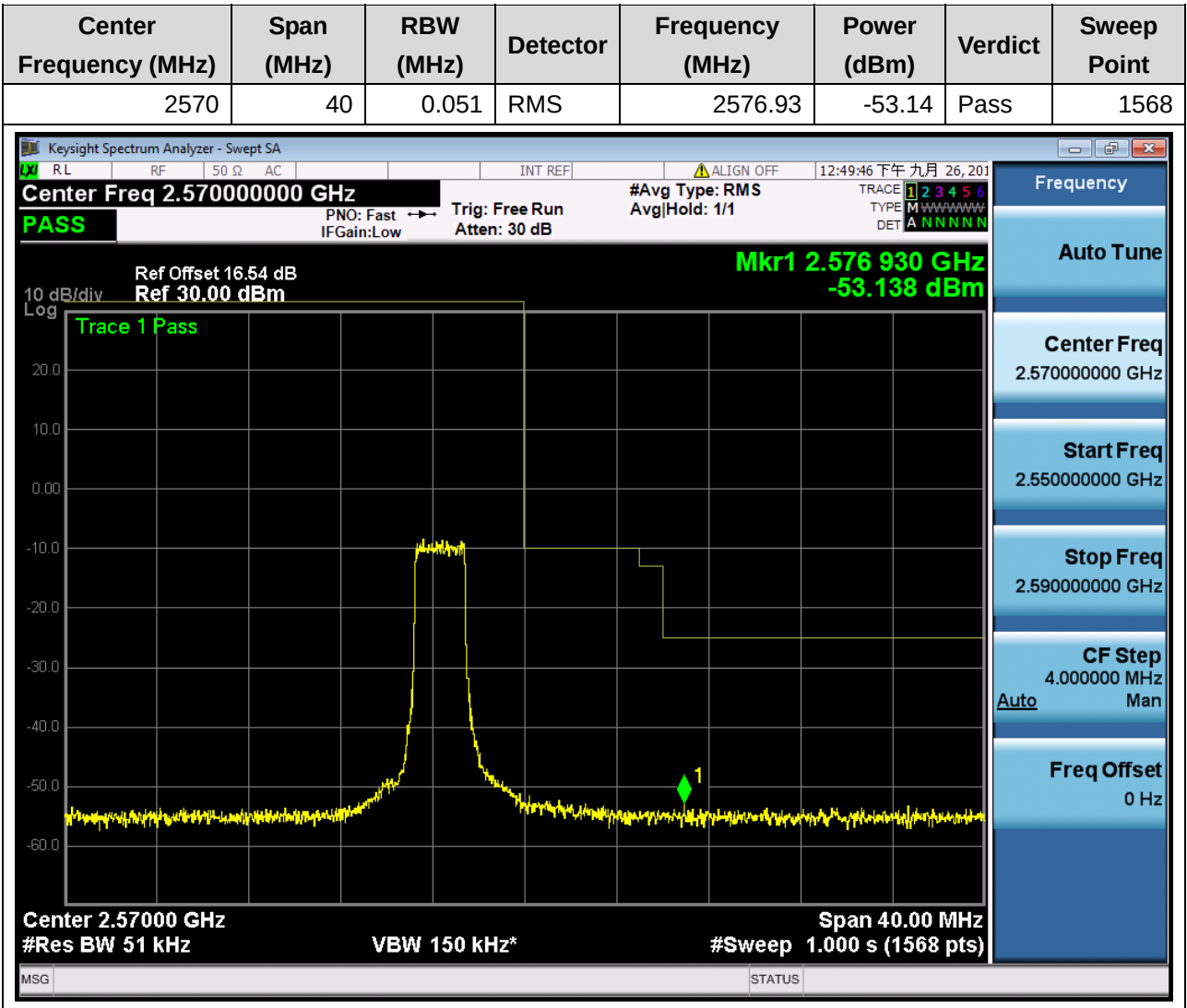


1.23. LTE Band Edge(NTNV)(Subtest:23, Channel:21425, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:HIGH)

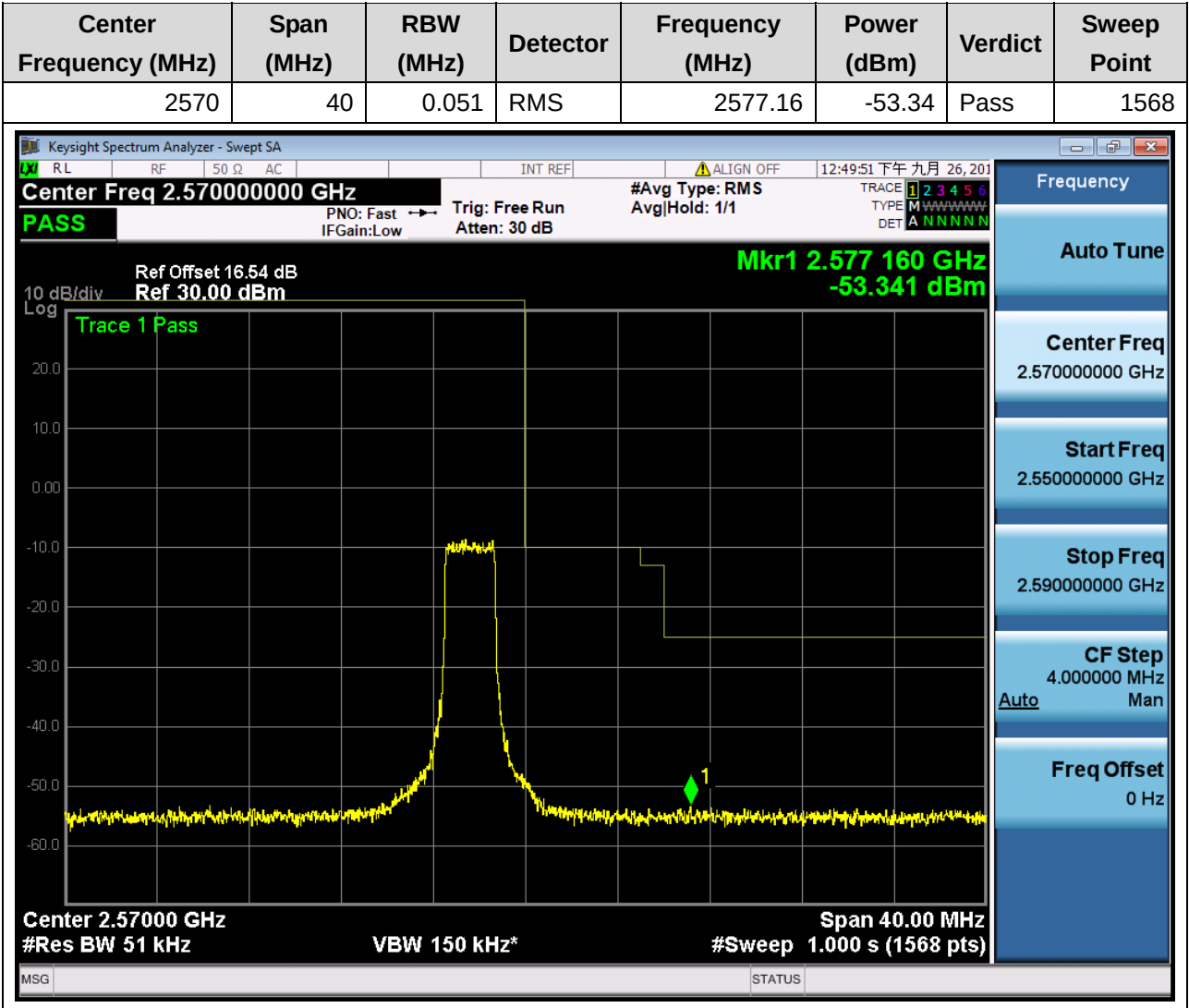




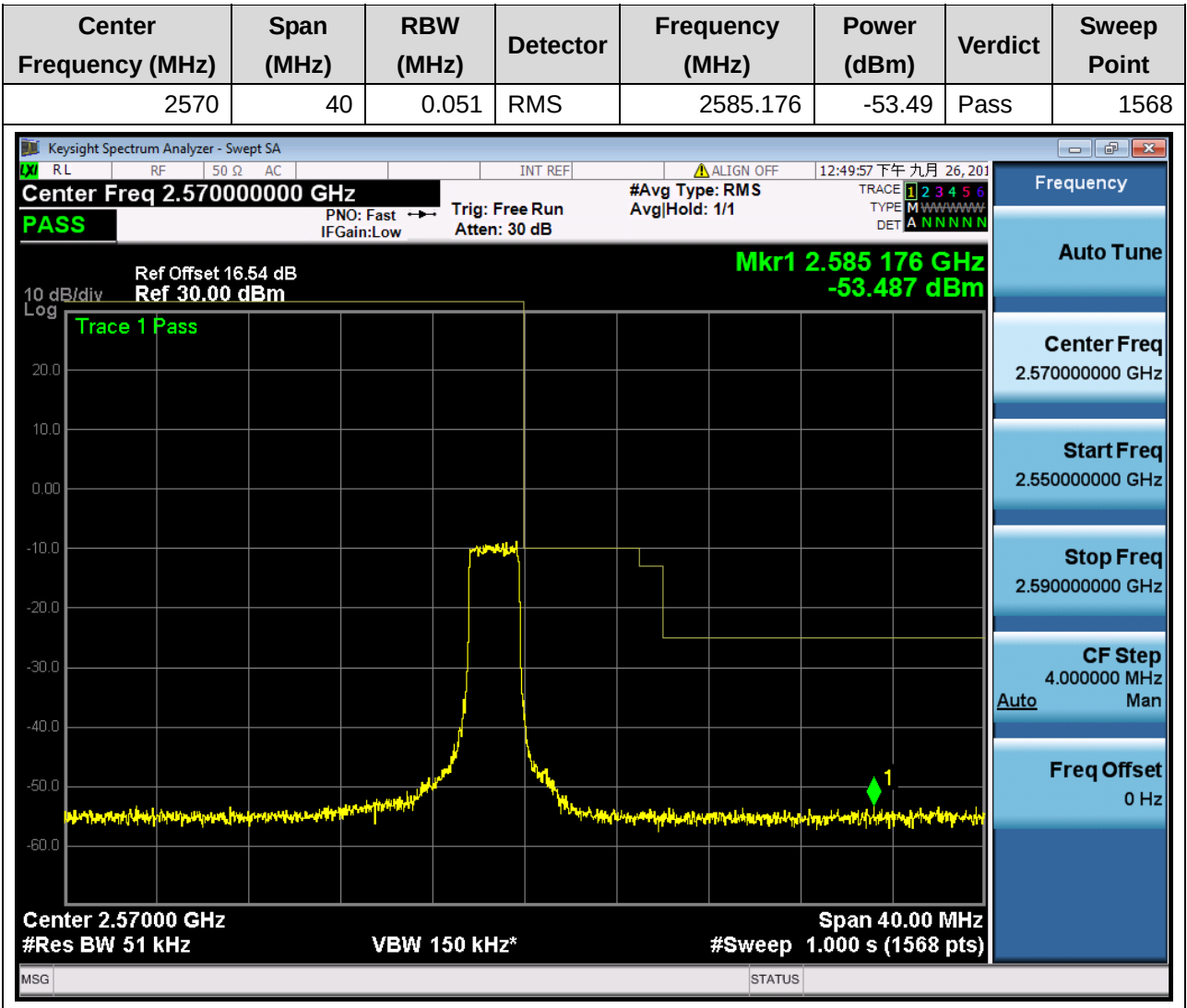
1.24. LTE Band Edge(NTNV)(Subtest:24, Channel:21425, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:LOW)



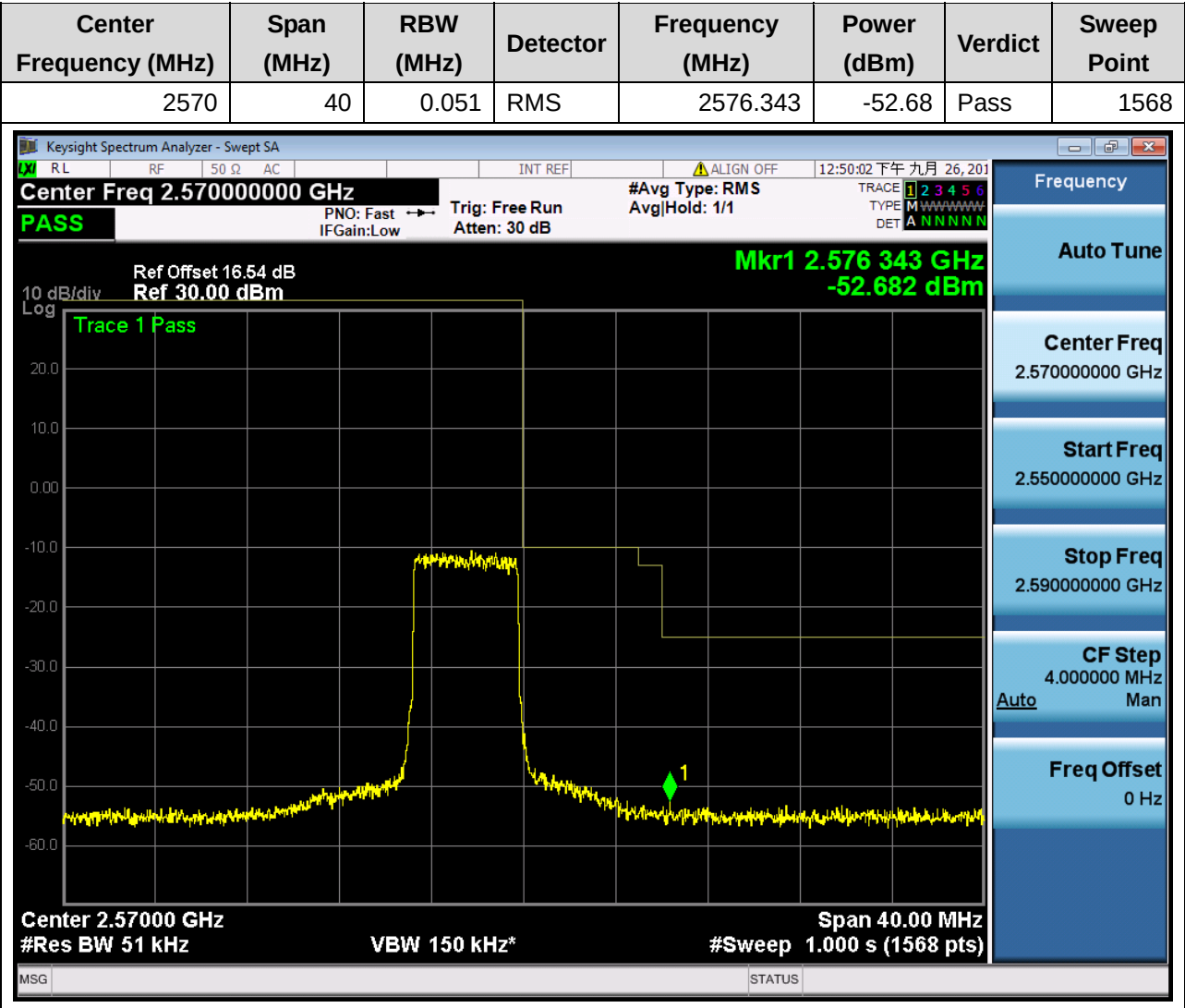
1.25. LTE Band Edge(NTNV)(Subtest:25, Channel:21425, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:MID)



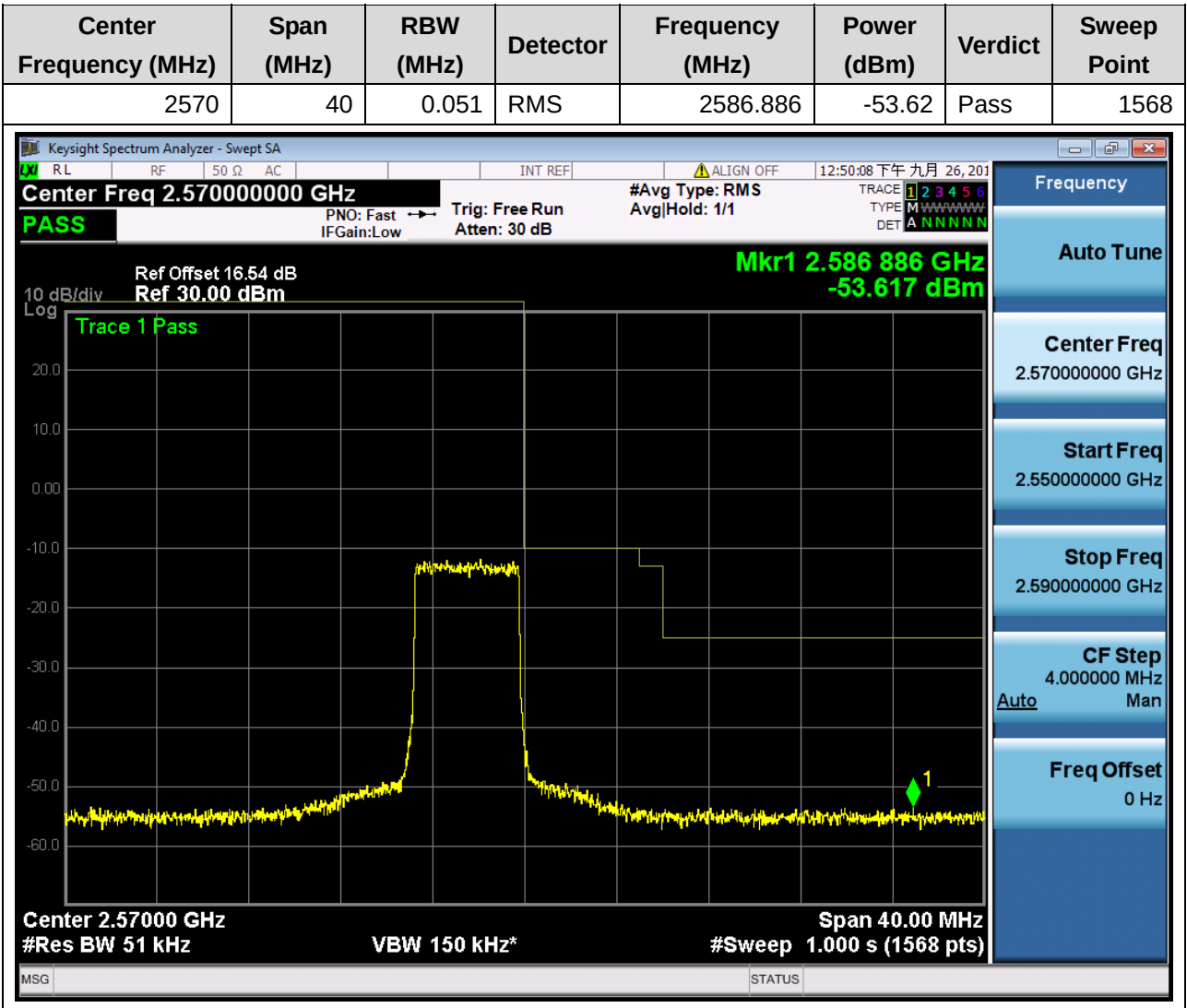
1.26. LTE Band Edge(NTNV)(Subtest:26, Channel:21425, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:HIGH)



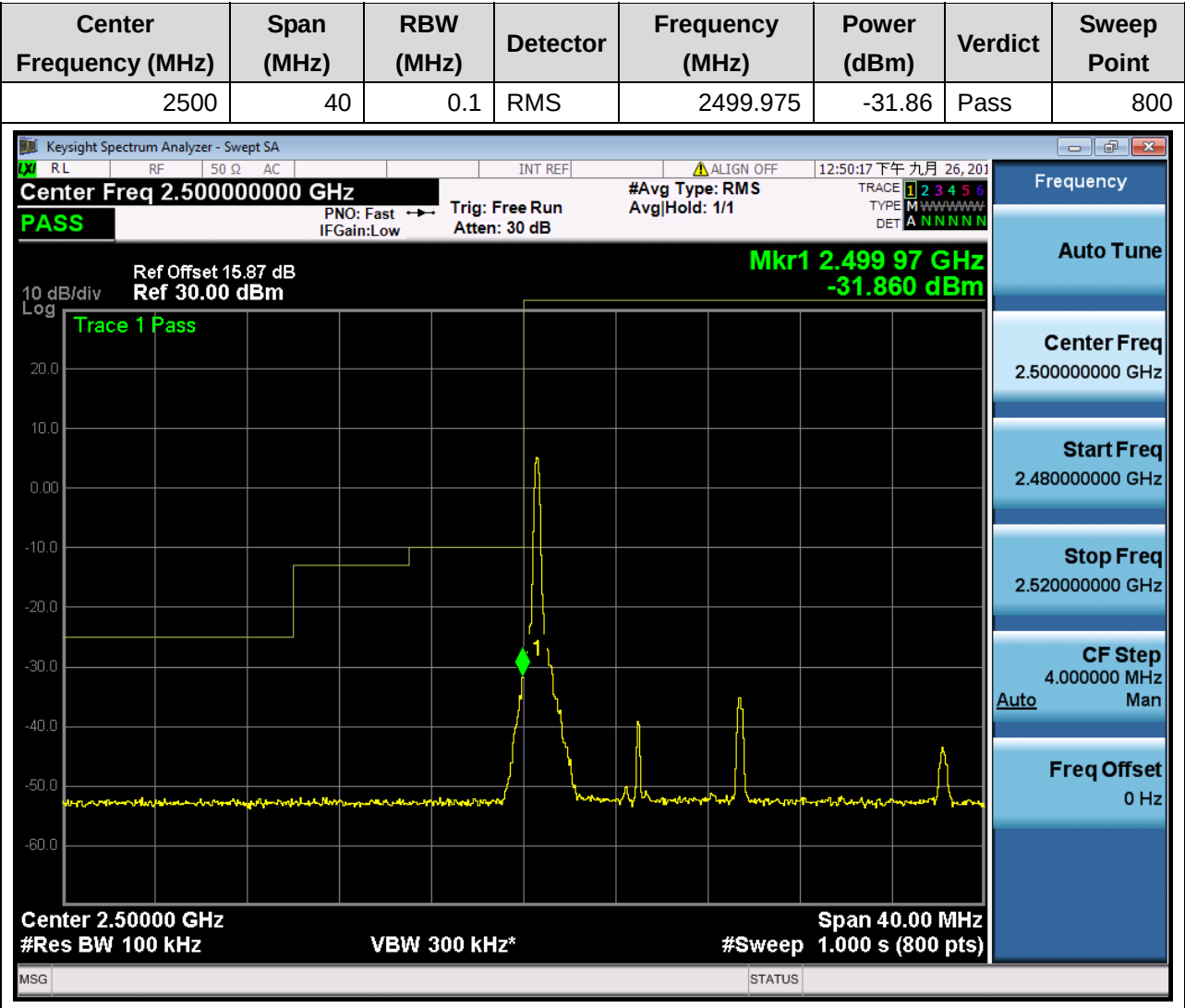
1.27. LTE Band Edge(NTNV)(Subtest:27, Channel:21425, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



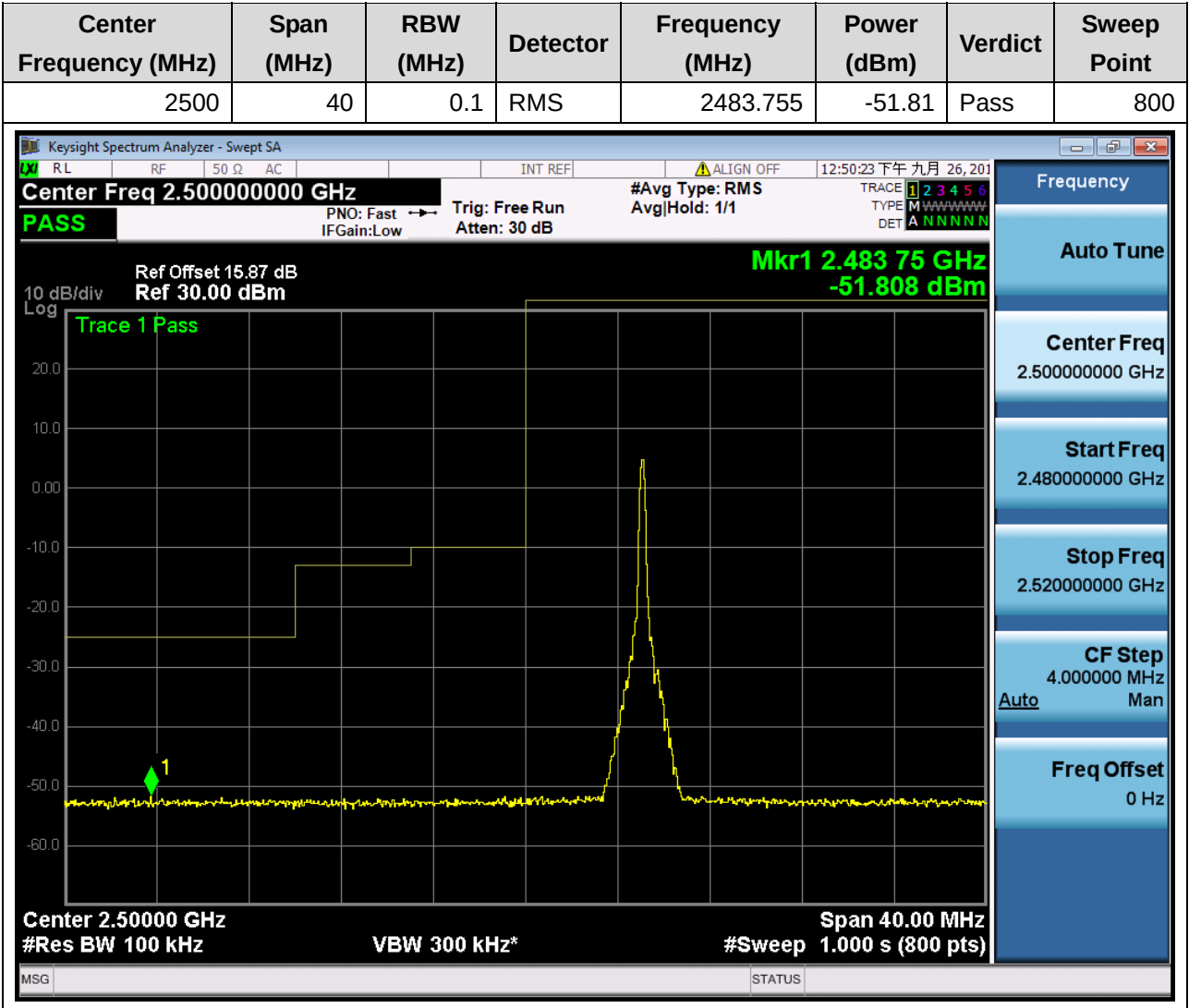
1.28. LTE Band Edge(NTNV)(Subtest:28, Channel:21425, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



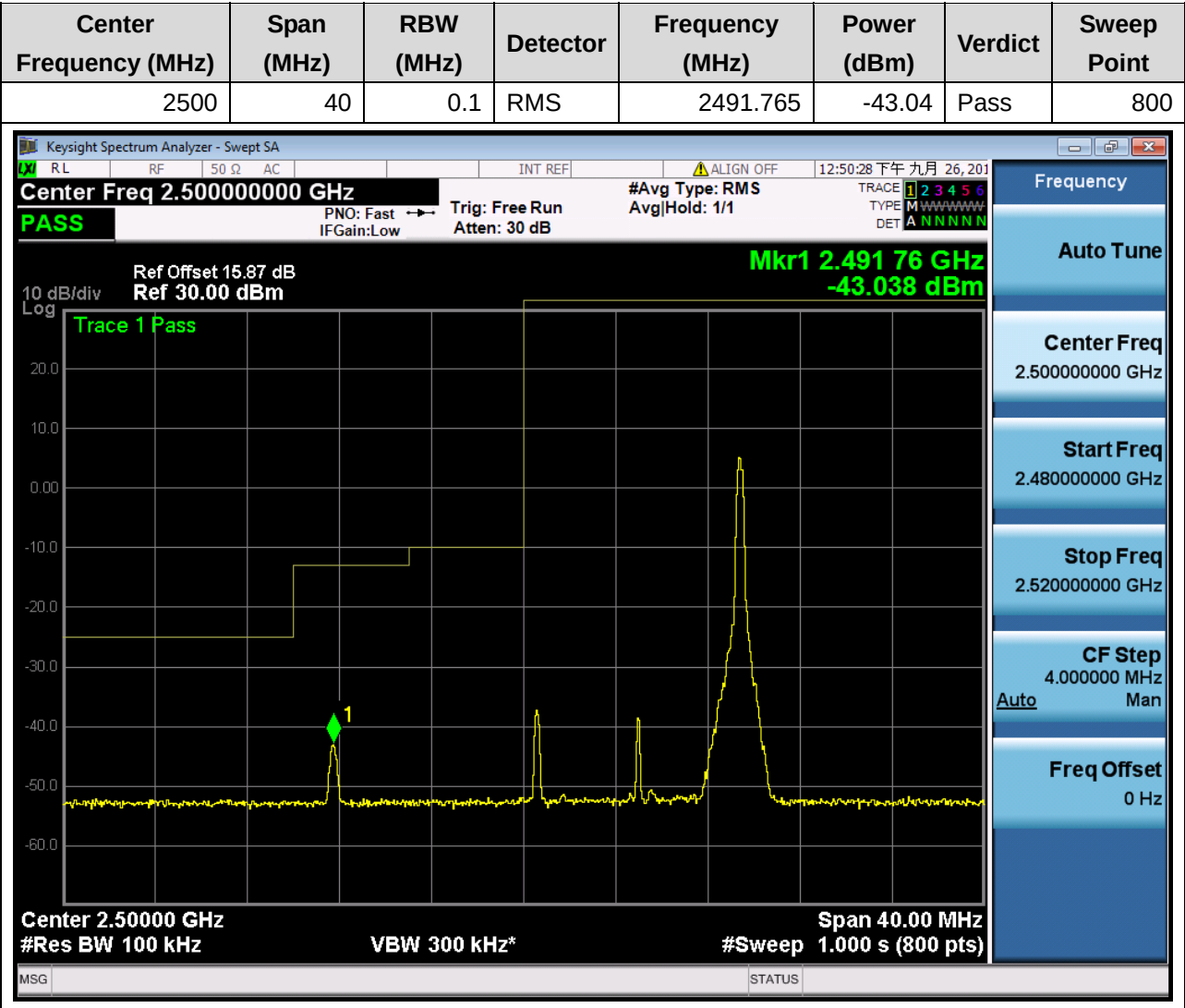
1.29. LTE Band Edge(NTNV)(Subtest:29, Channel:20800, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



1.30. LTE Band Edge(NTNV)(Subtest:30, Channel:20800, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:MID)

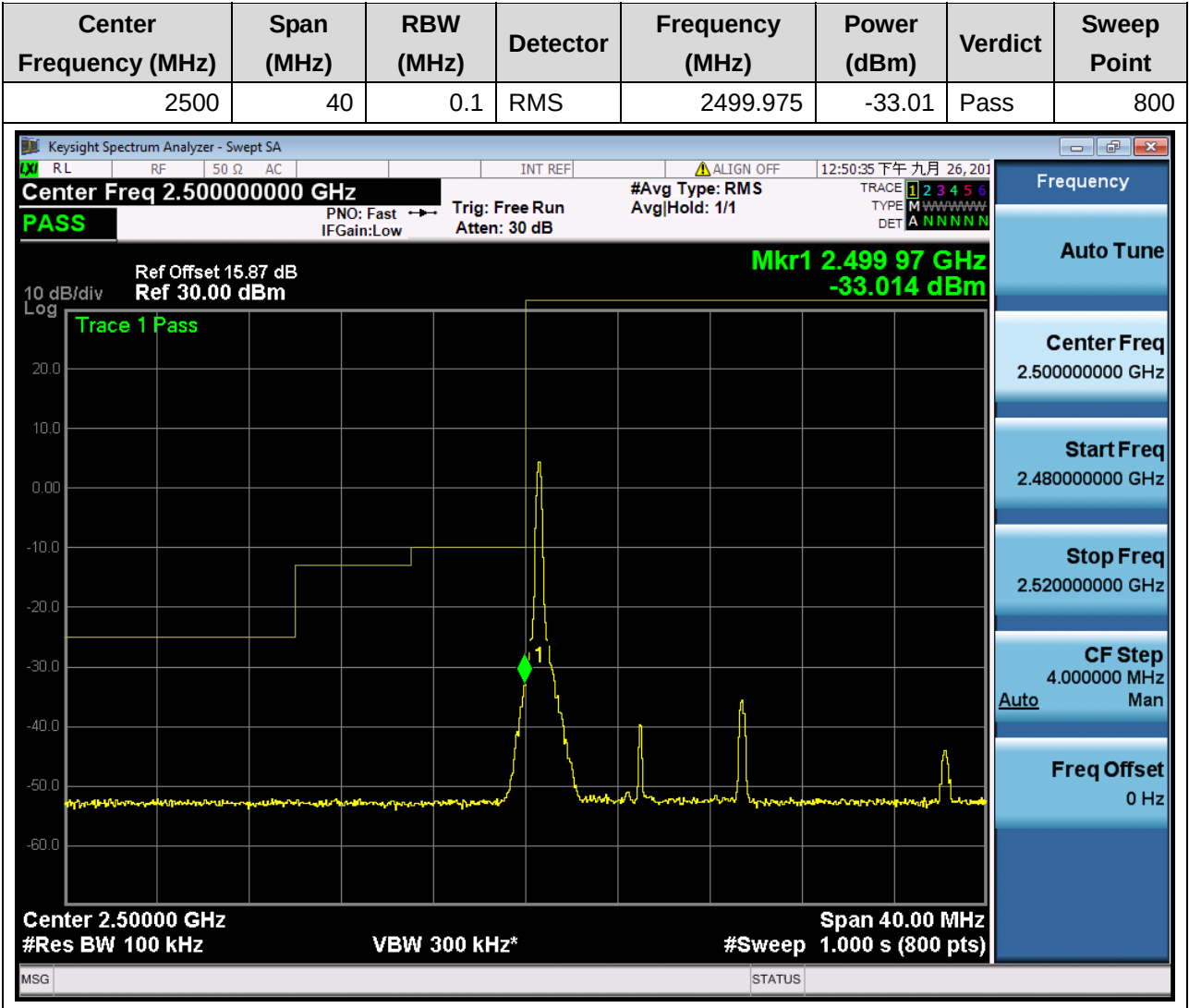


1.31. LTE Band Edge(NTNV)(Subtest:31, Channel:20800, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

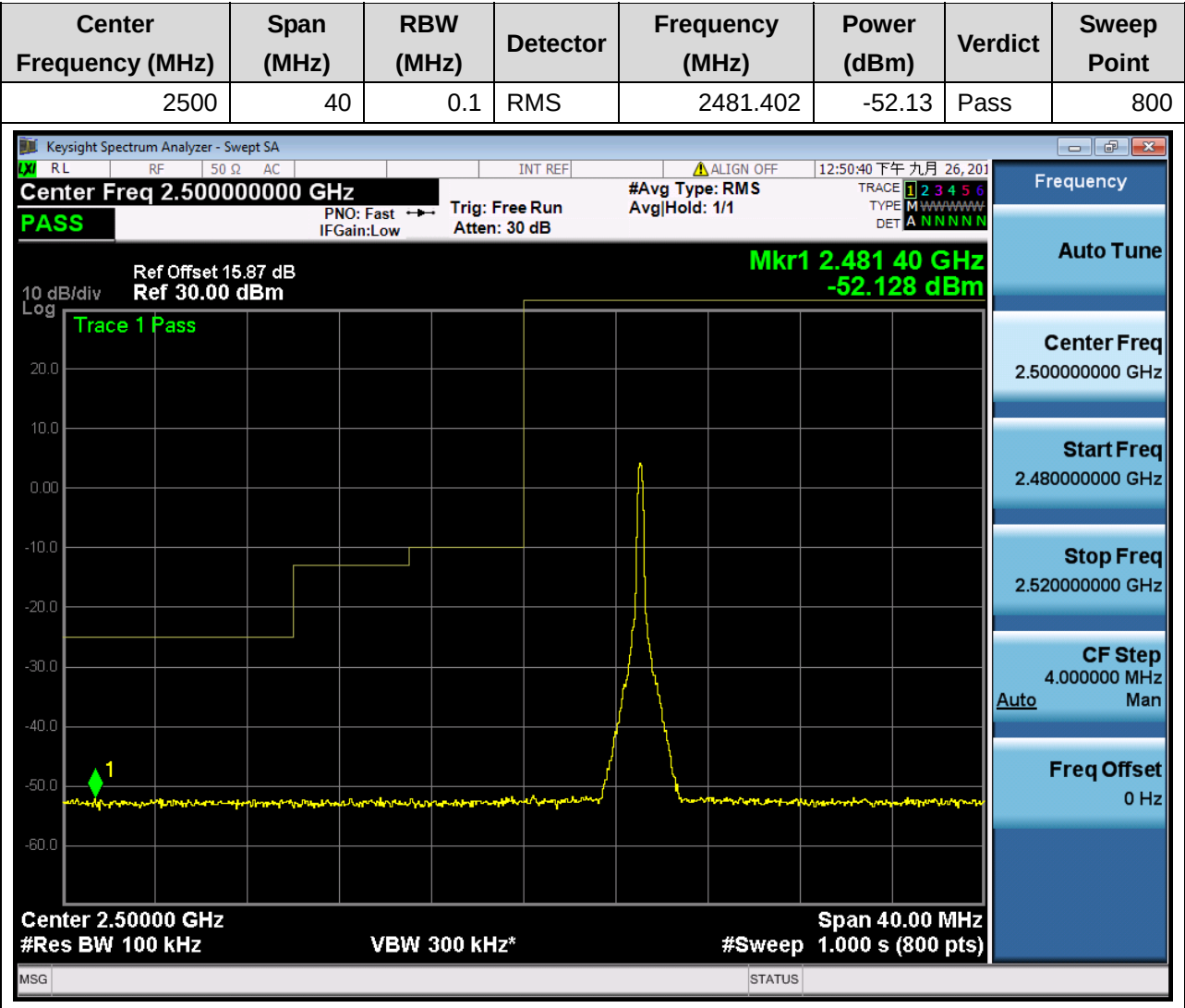




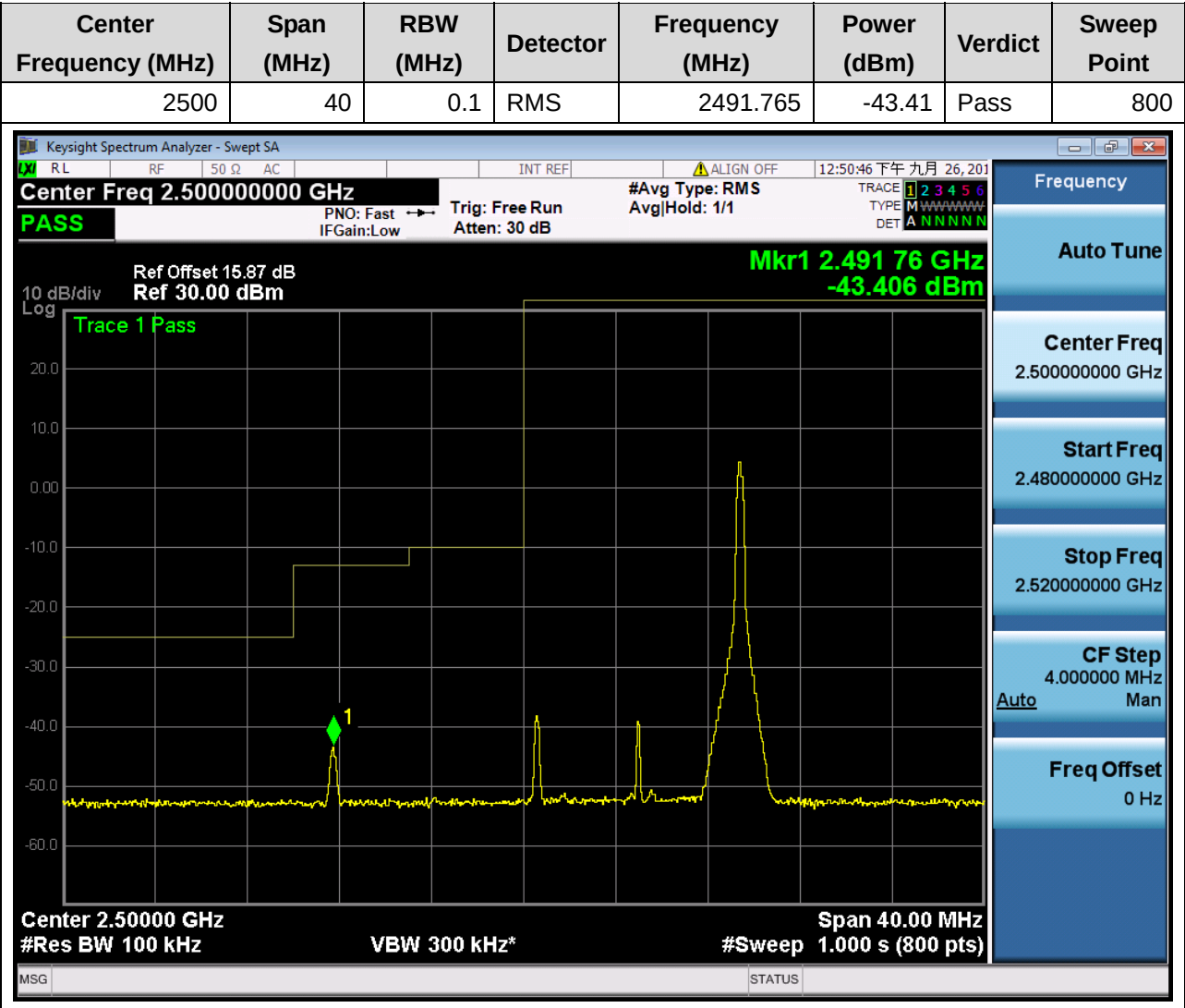
1.32. LTE Band Edge(NTNV)(Subtest:32, Channel:20800, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)



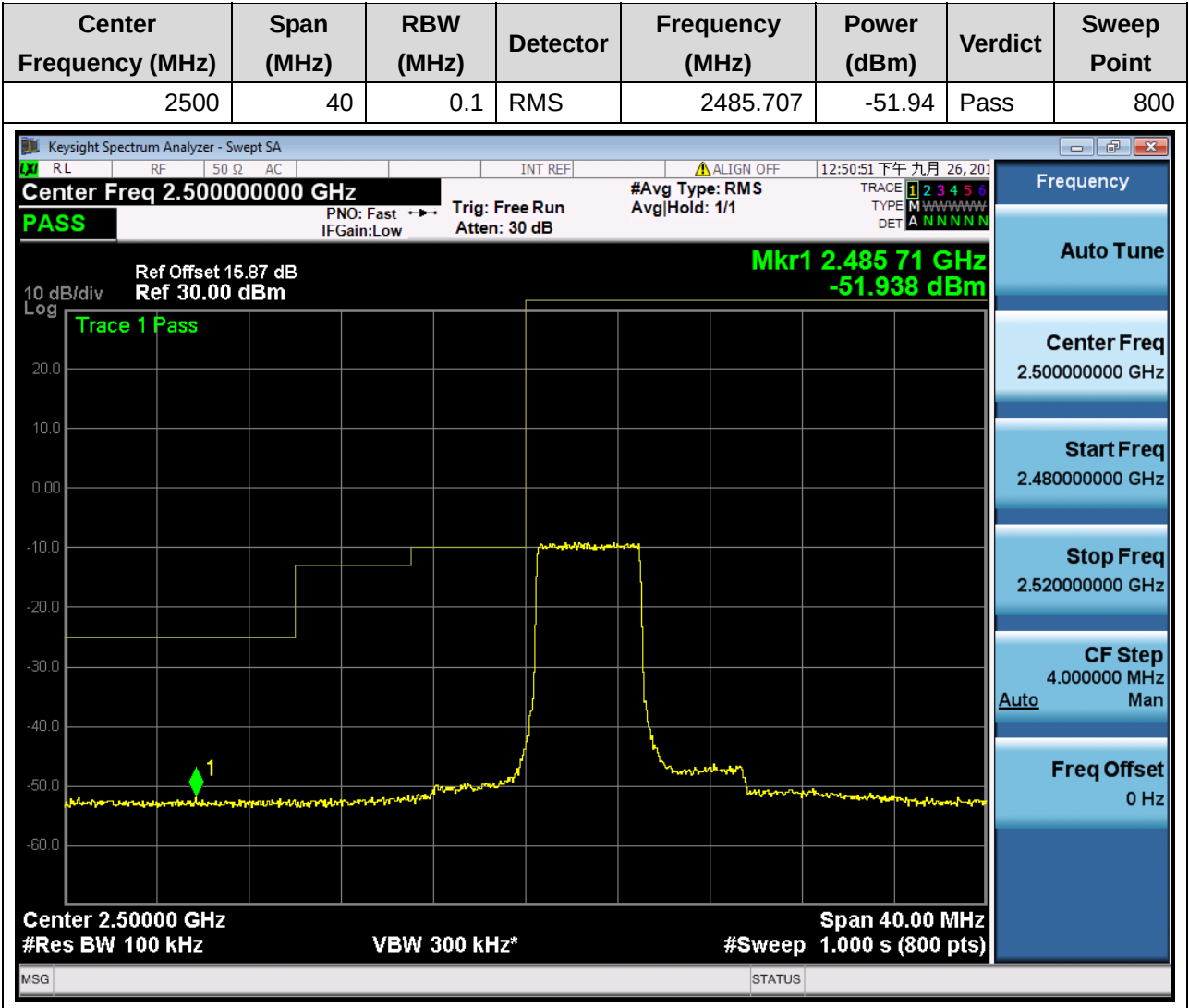
1.33. LTE Band Edge(NTNV)(Subtest:33, Channel:20800, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:MID)



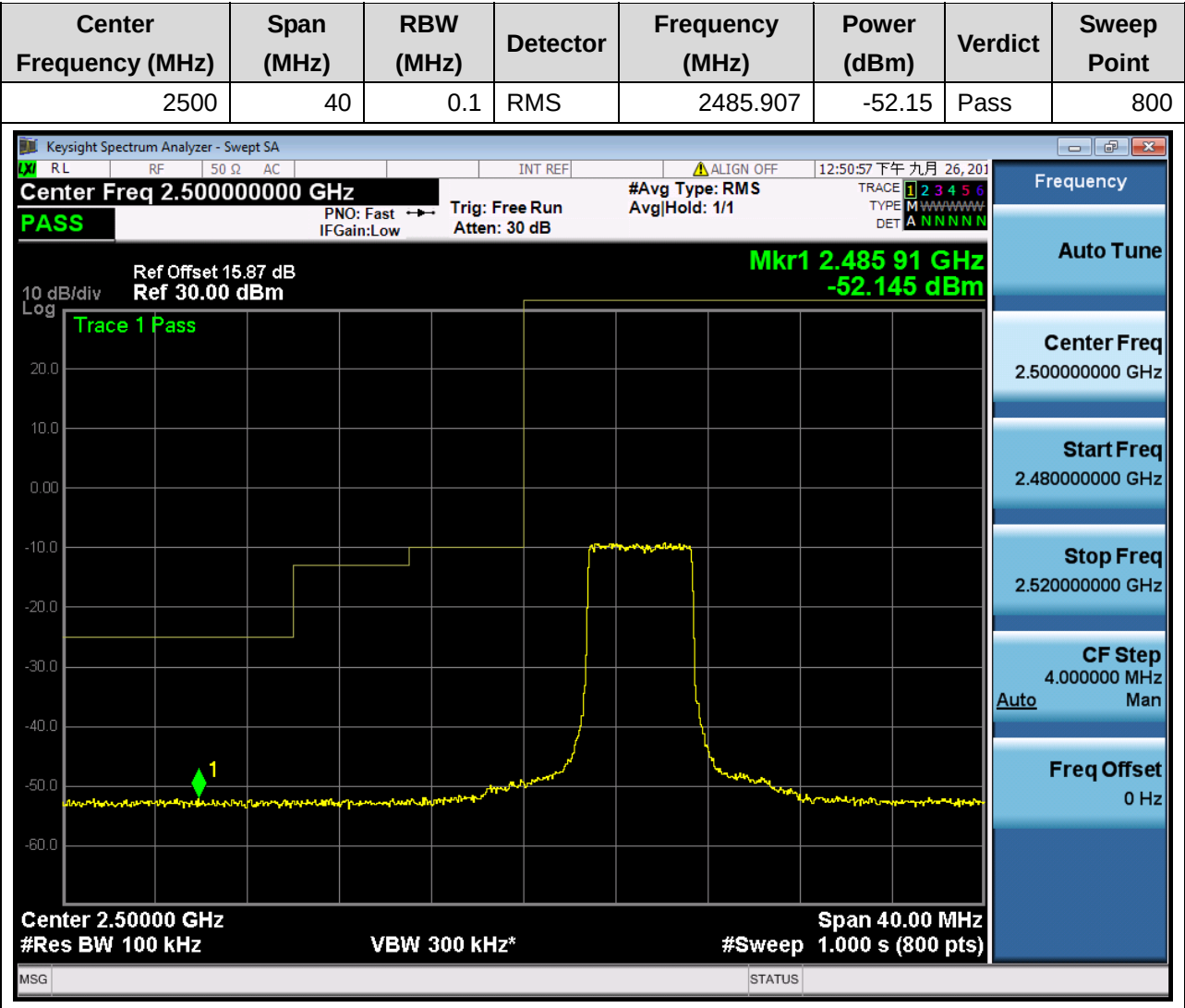
1.34. LTE Band Edge(NTNV)(Subtest:34, Channel:20800, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:HIGH)



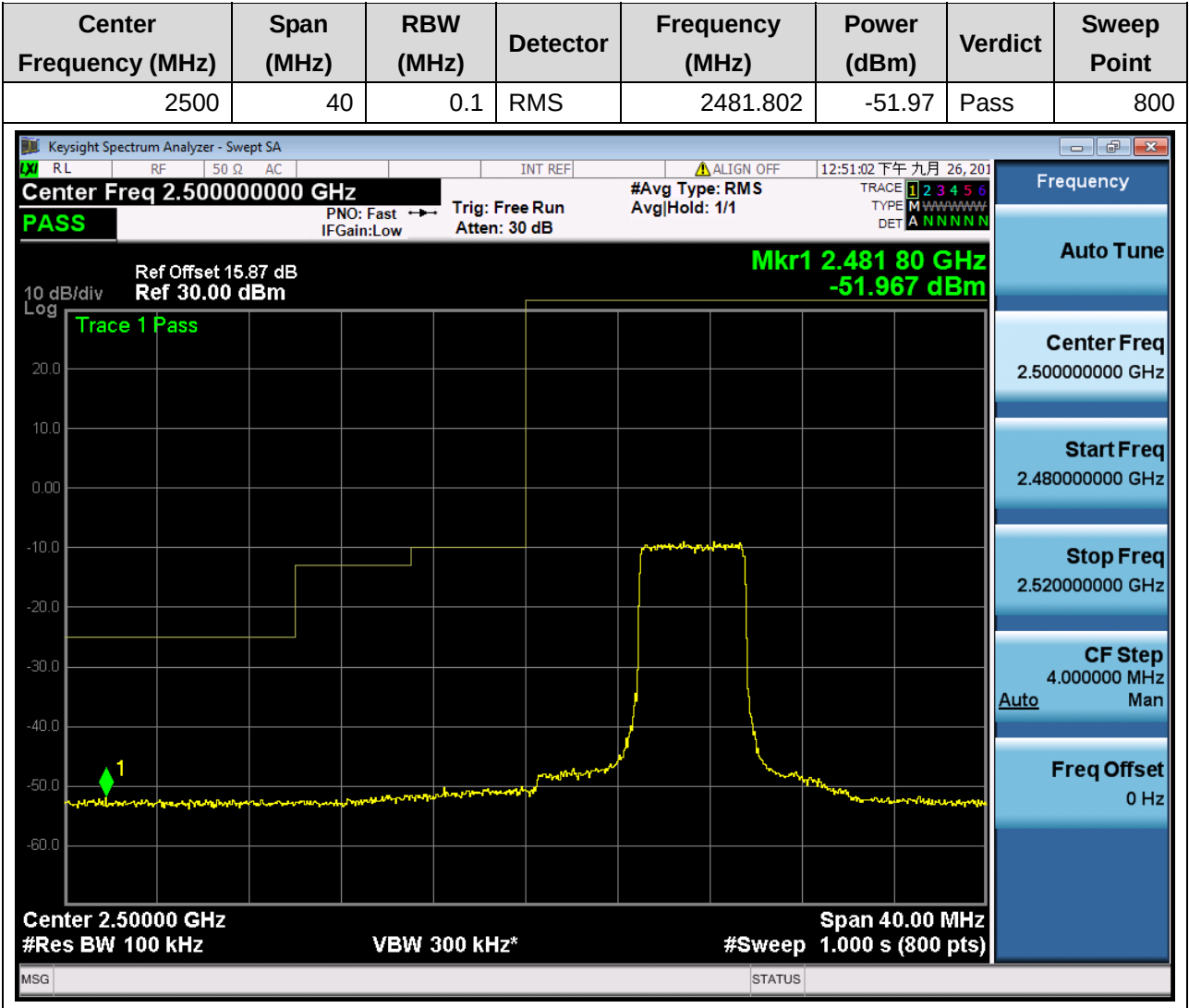
1.35. LTE Band Edge(NTNV)(Subtest:35, Channel:20800, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:LOW)



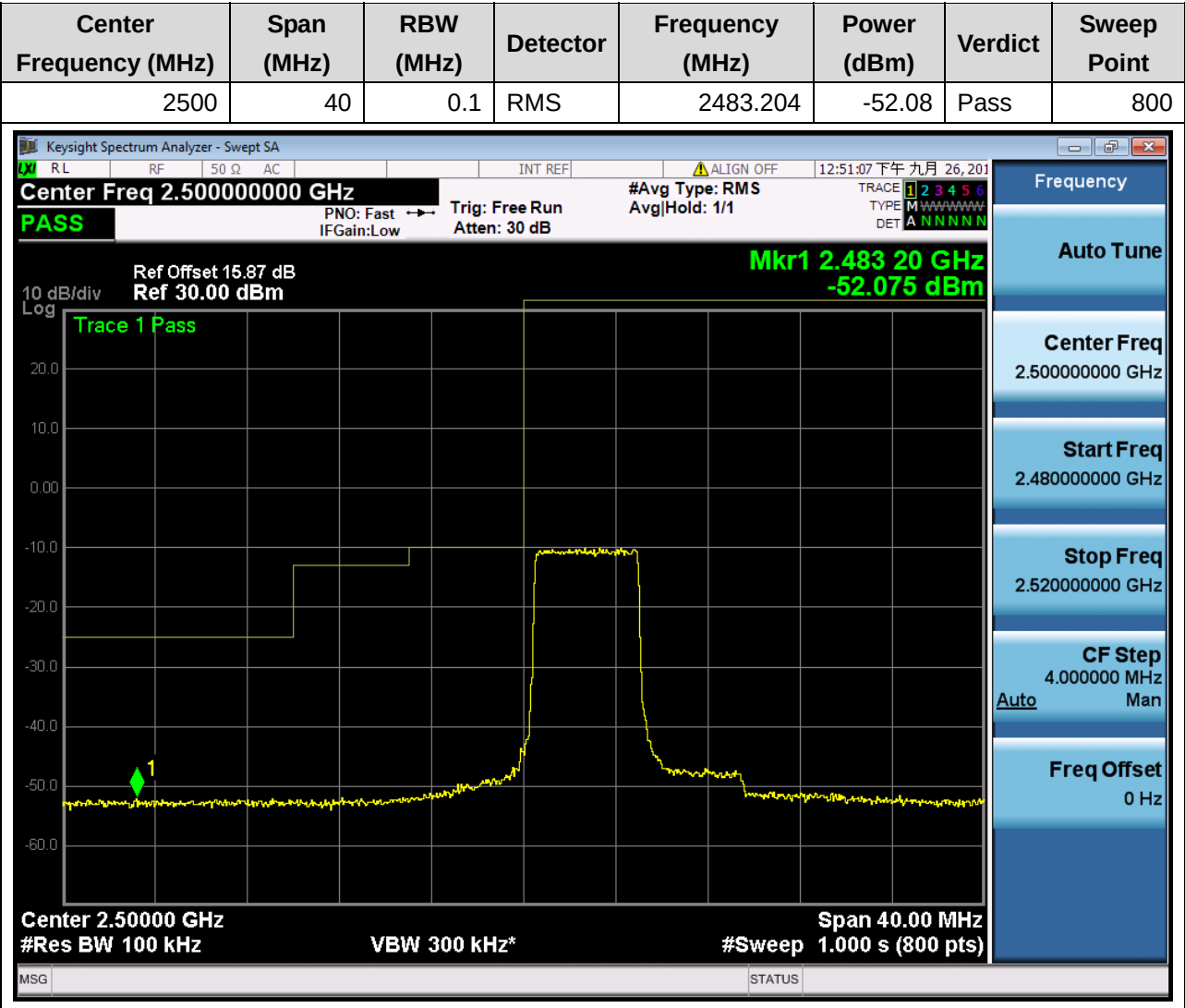
1.36. LTE Band Edge(NTNV)(Subtest:36, Channel:20800, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:MID)



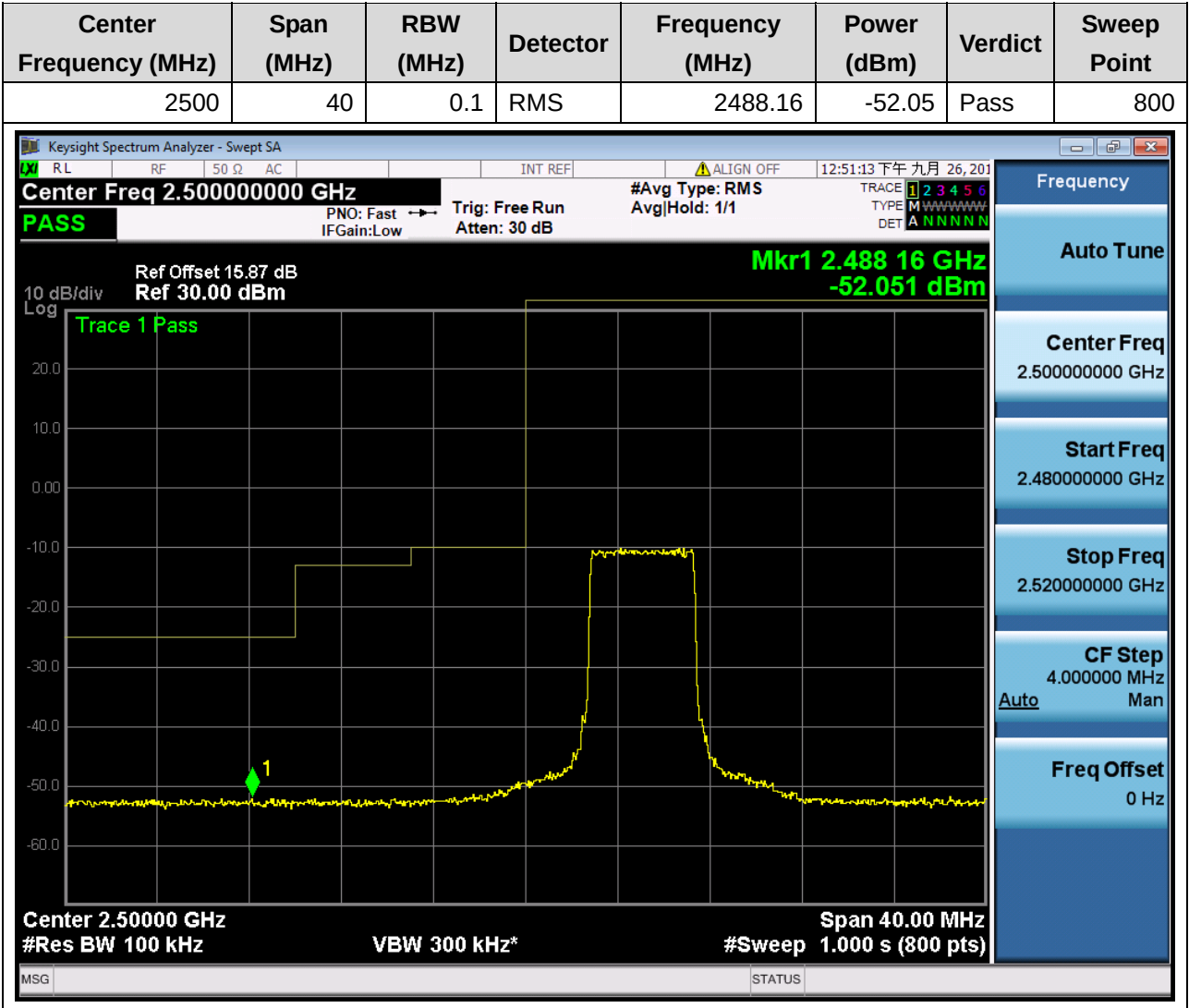
1.37. LTE Band Edge(NTNV)(Subtest:37, Channel:20800, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:HIGH)



1.38. LTE Band Edge(NTNV)(Subtest:38, Channel:20800, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:LOW)

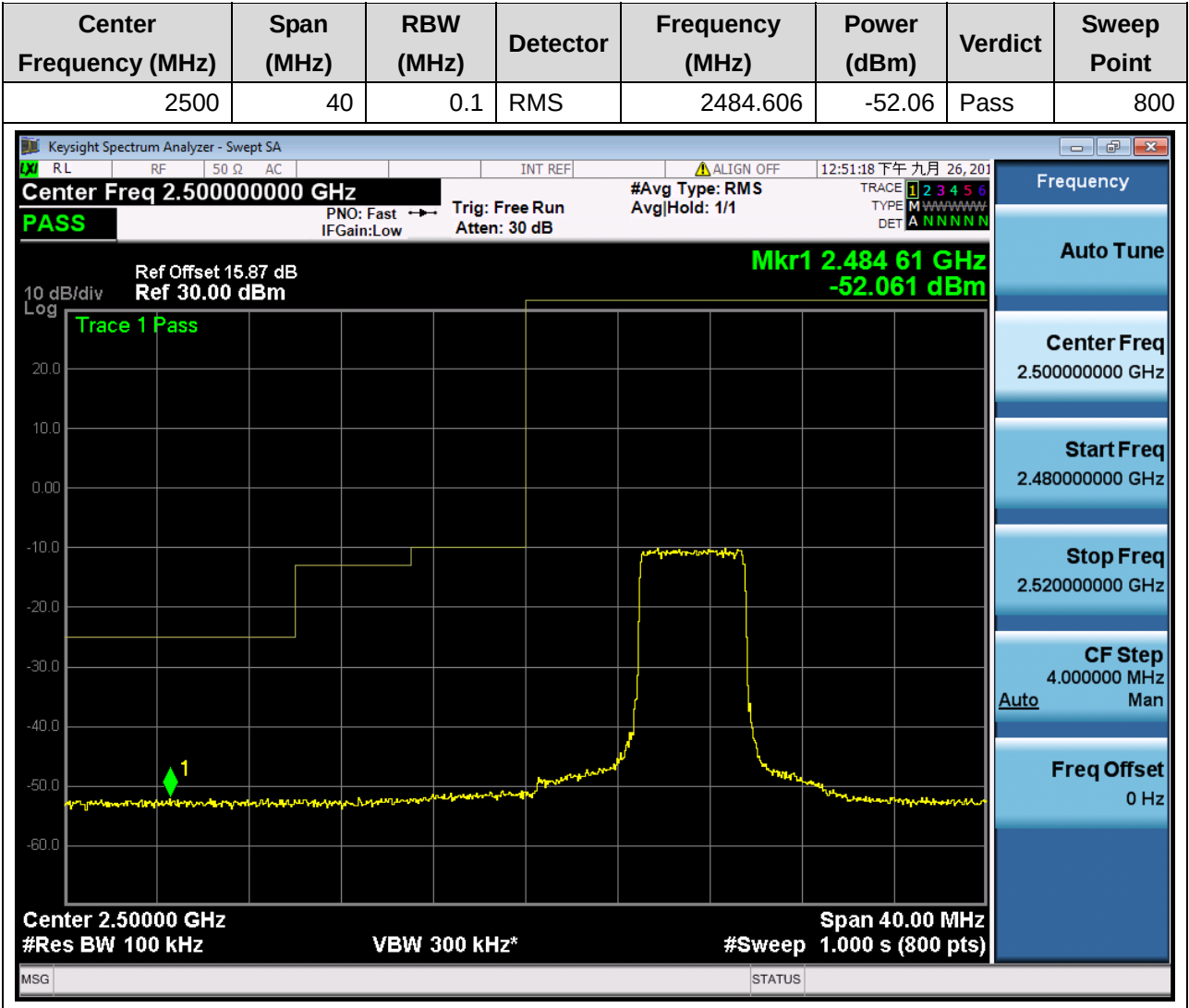


1.39. LTE Band Edge(NTNV)(Subtest:39, Channel:20800, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:MID)

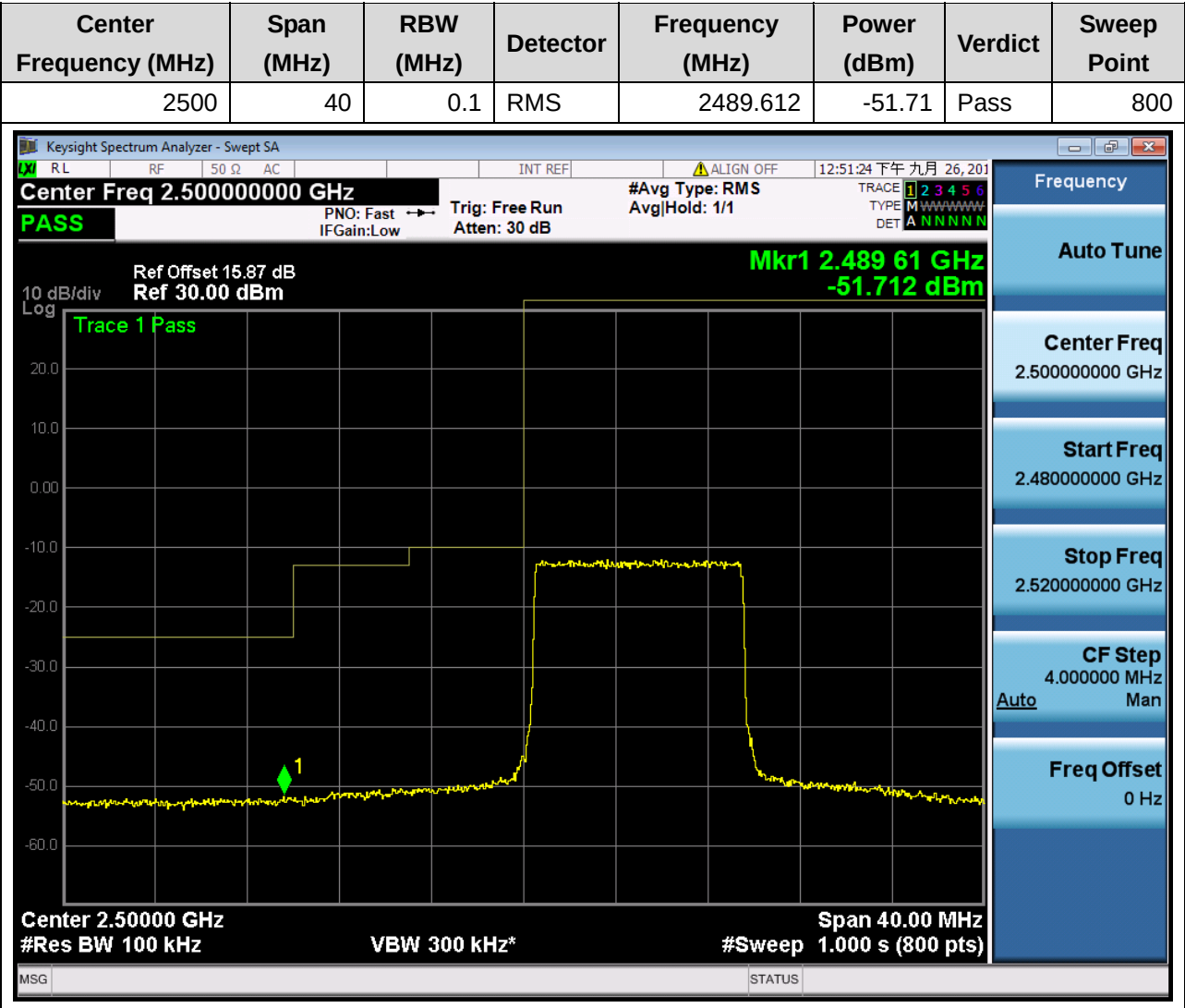




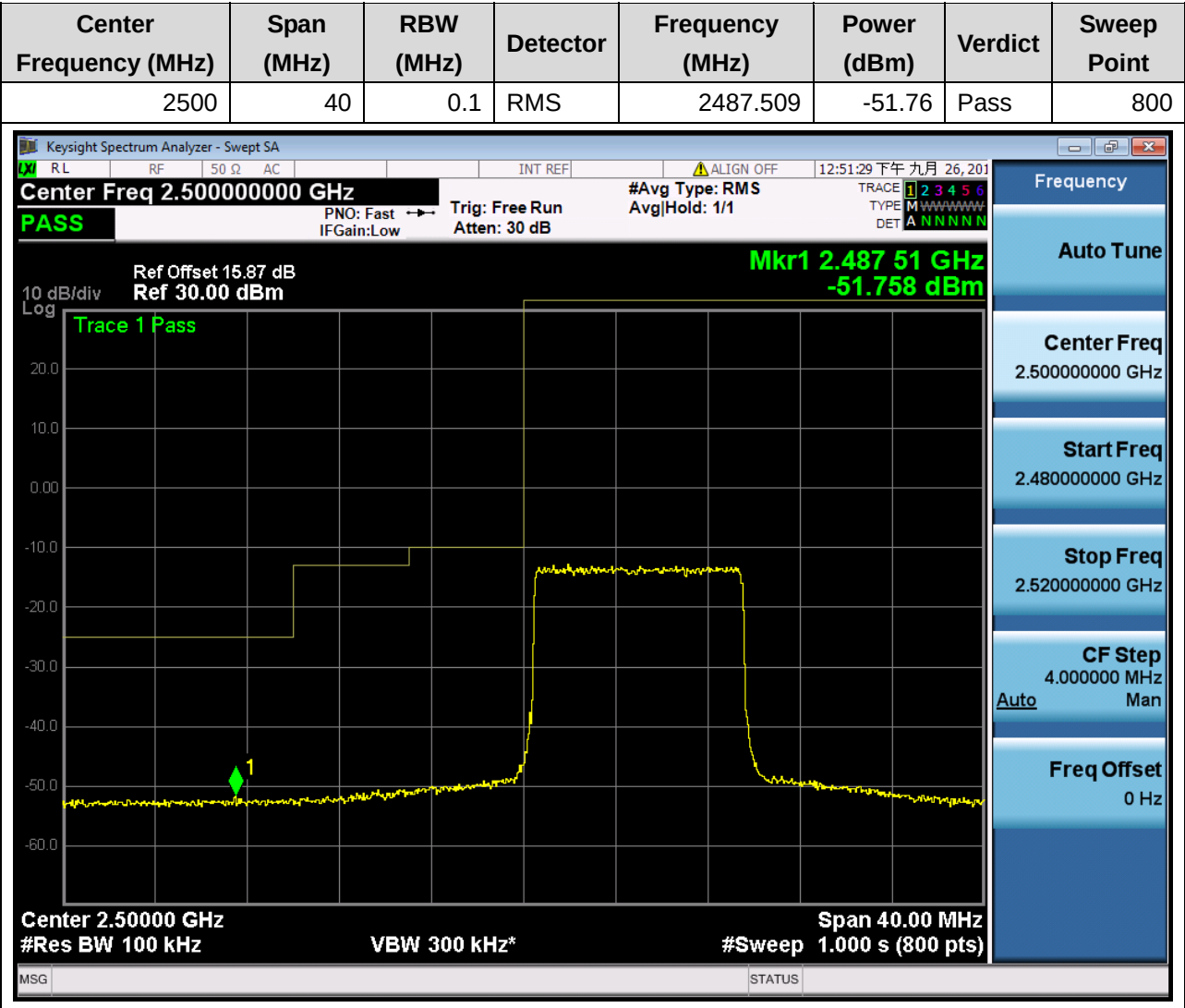
1.40. LTE Band Edge(NTNV)(Subtest:40, Channel:20800, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:HIGH)



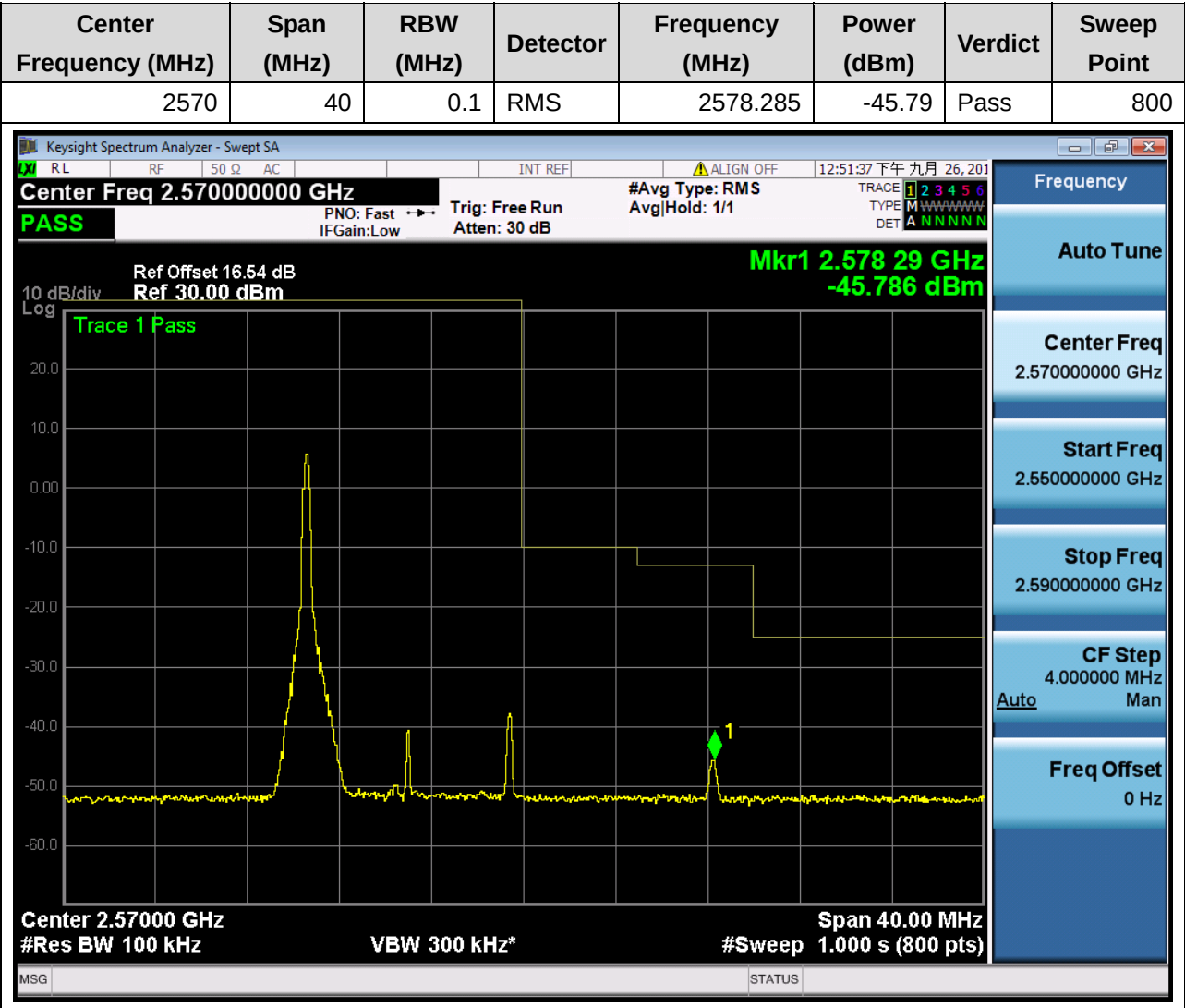
1.41. LTE Band Edge(NTNV)(Subtest:41, Channel:20800, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



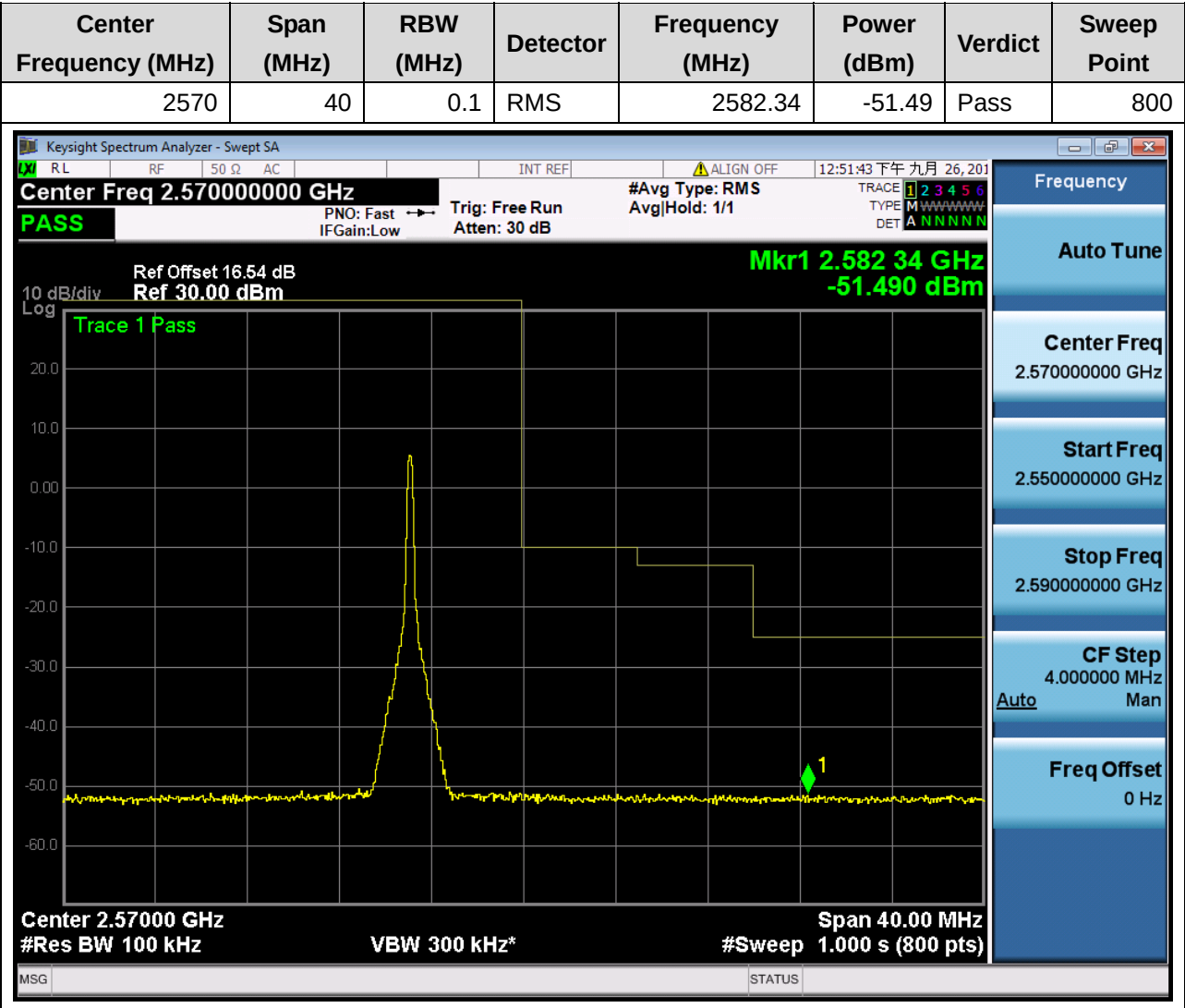
1.42. LTE Band Edge(NTNV)(Subtest:42, Channel:20800, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



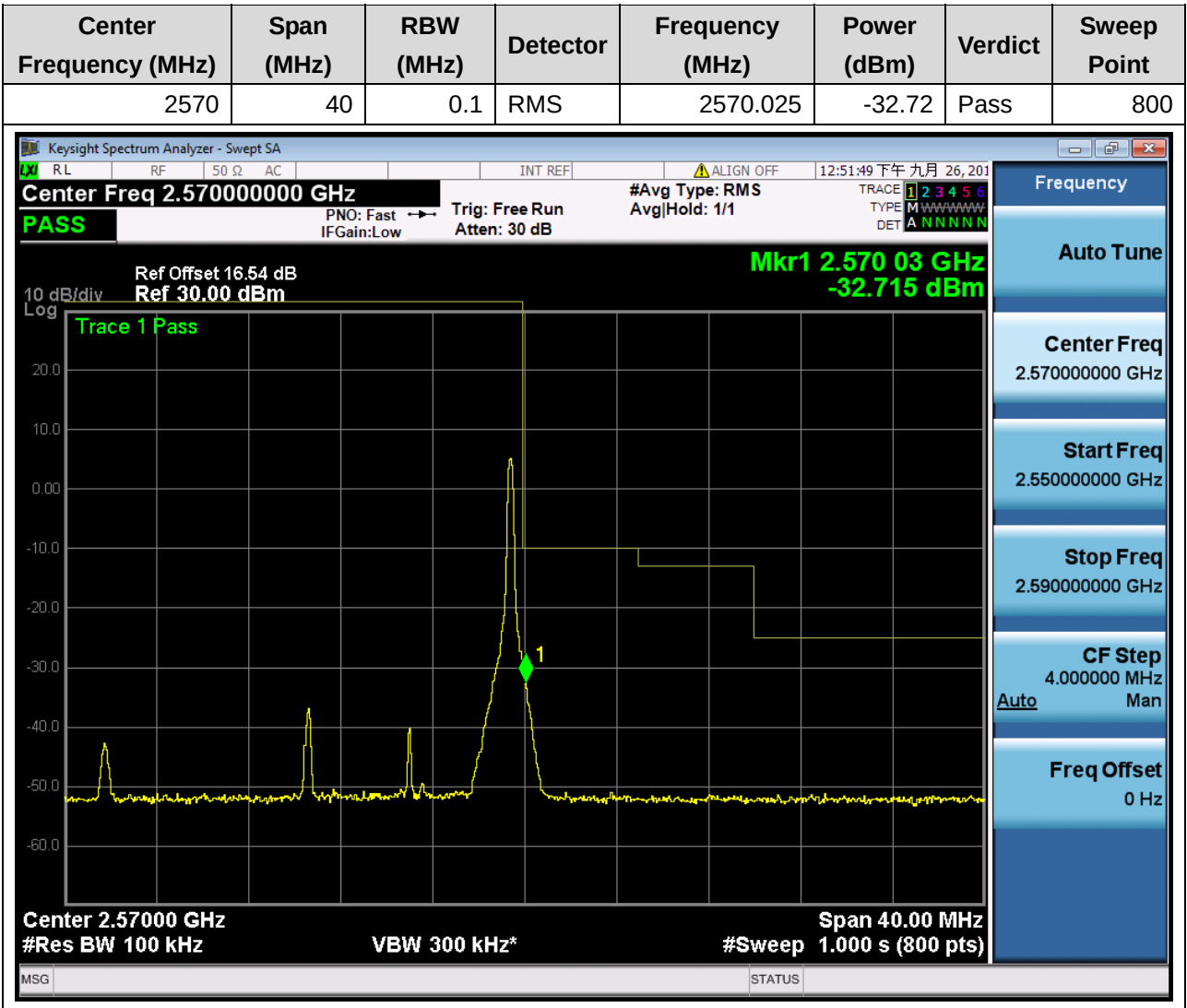
1.43. LTE Band Edge(NTNV)(Subtest:43, Channel:21400, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



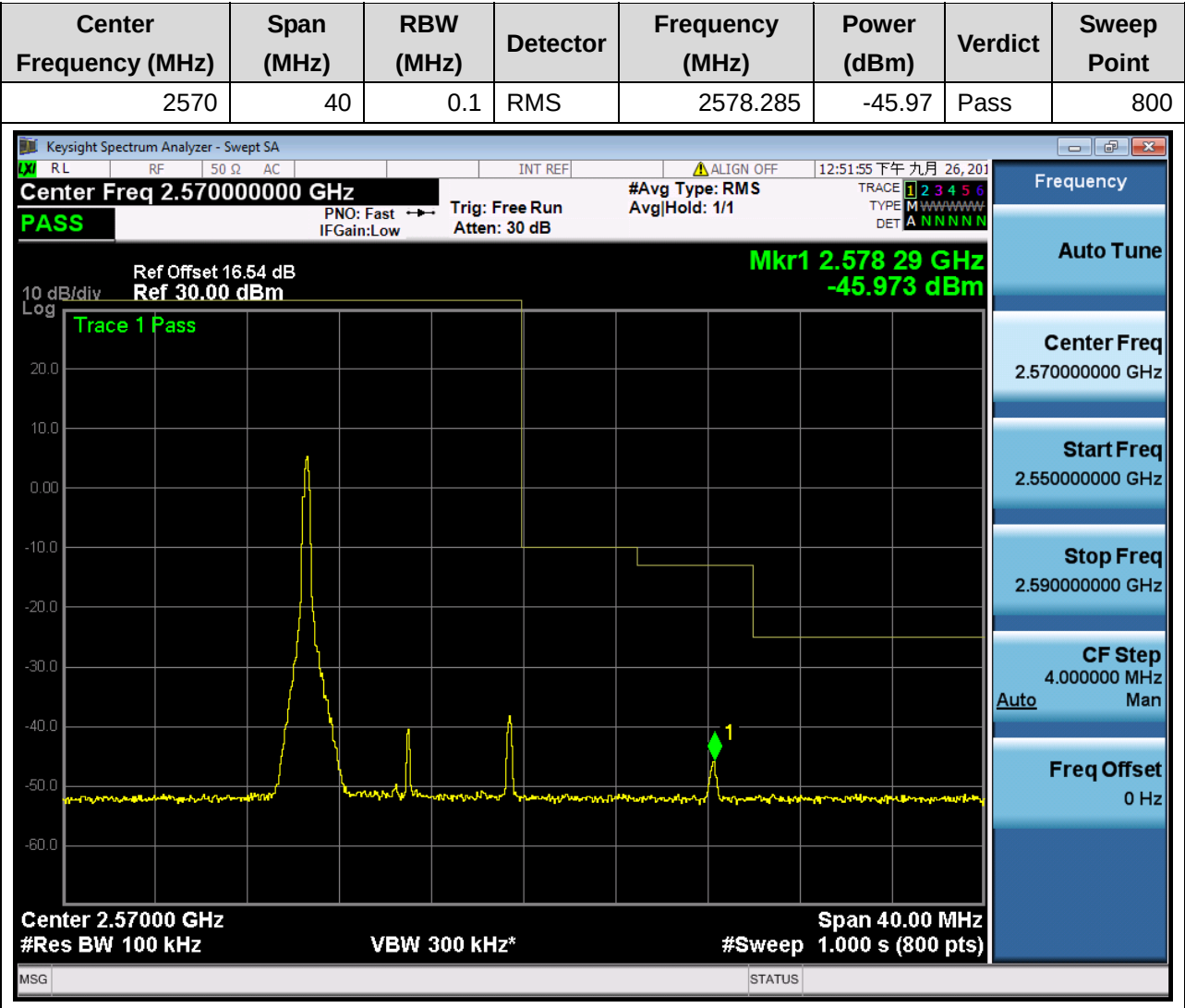
1.44. LTE Band Edge(NTNV)(Subtest:44, Channel:21400, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:MID)



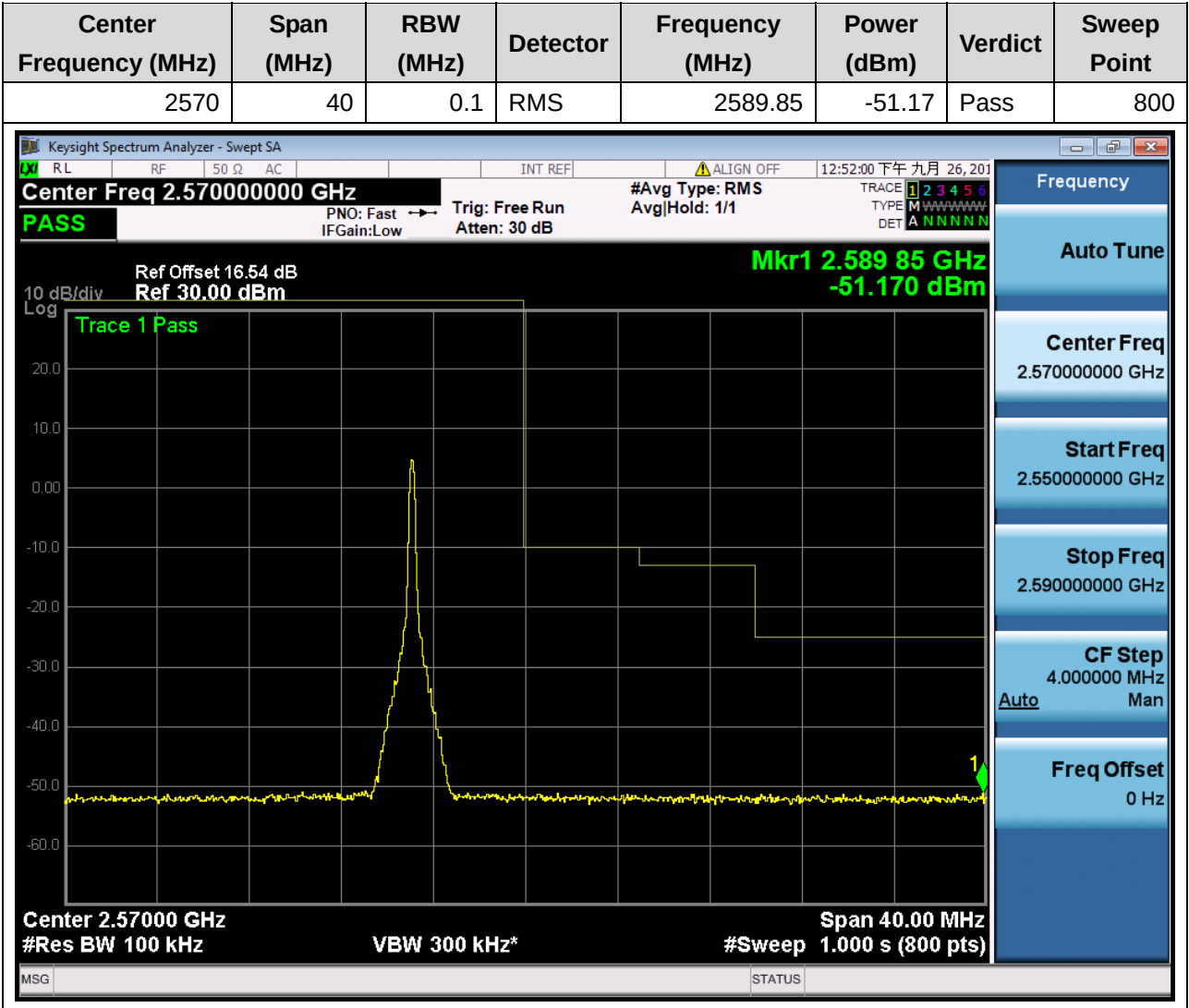
1.45. LTE Band Edge(NTNV)(Subtest:45, Channel:21400, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)



1.46. LTE Band Edge(NTNV)(Subtest:46, Channel:21400, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

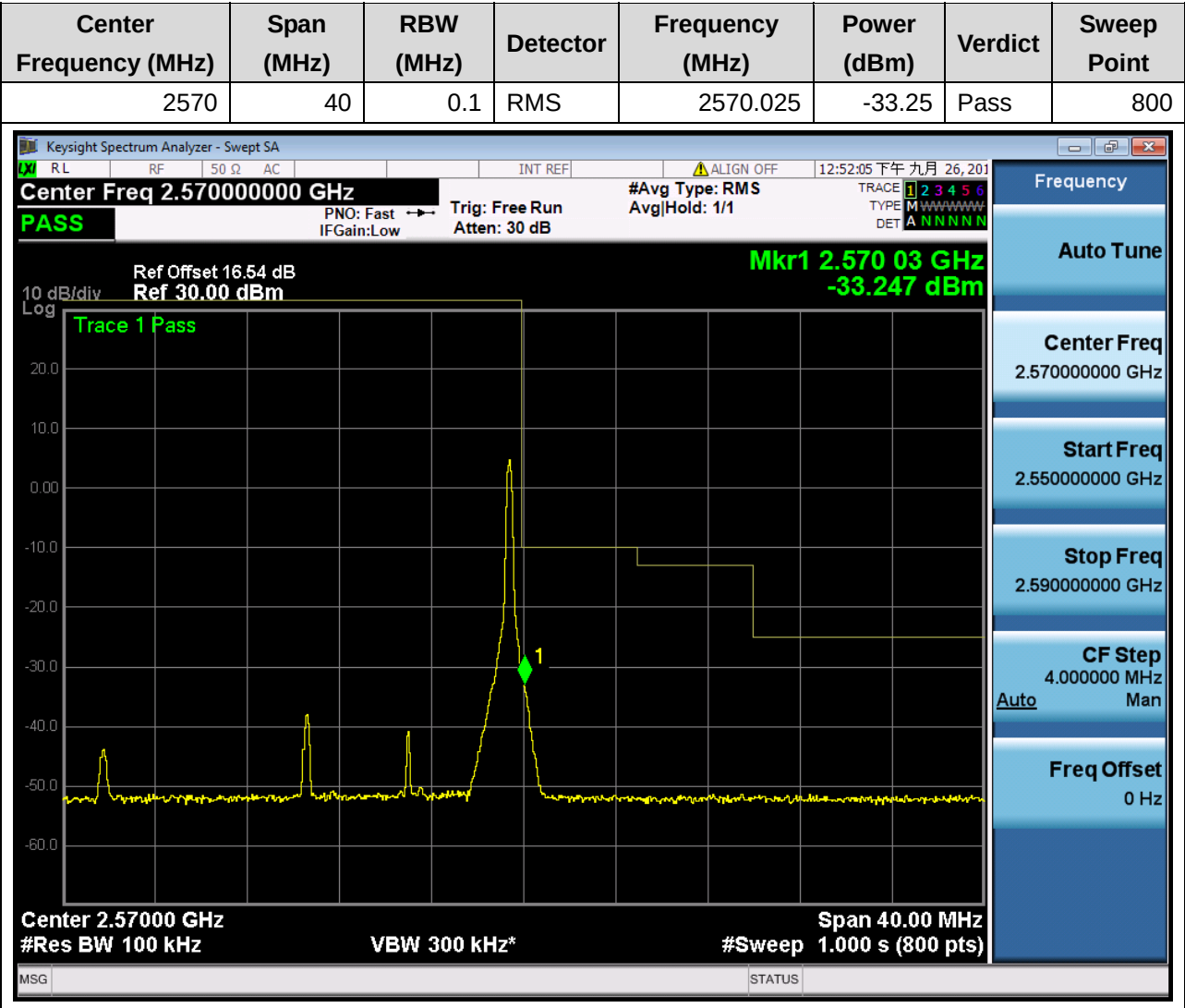


1.47. LTE Band Edge(NTNV)(Subtest:47, Channel:21400, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:MID)

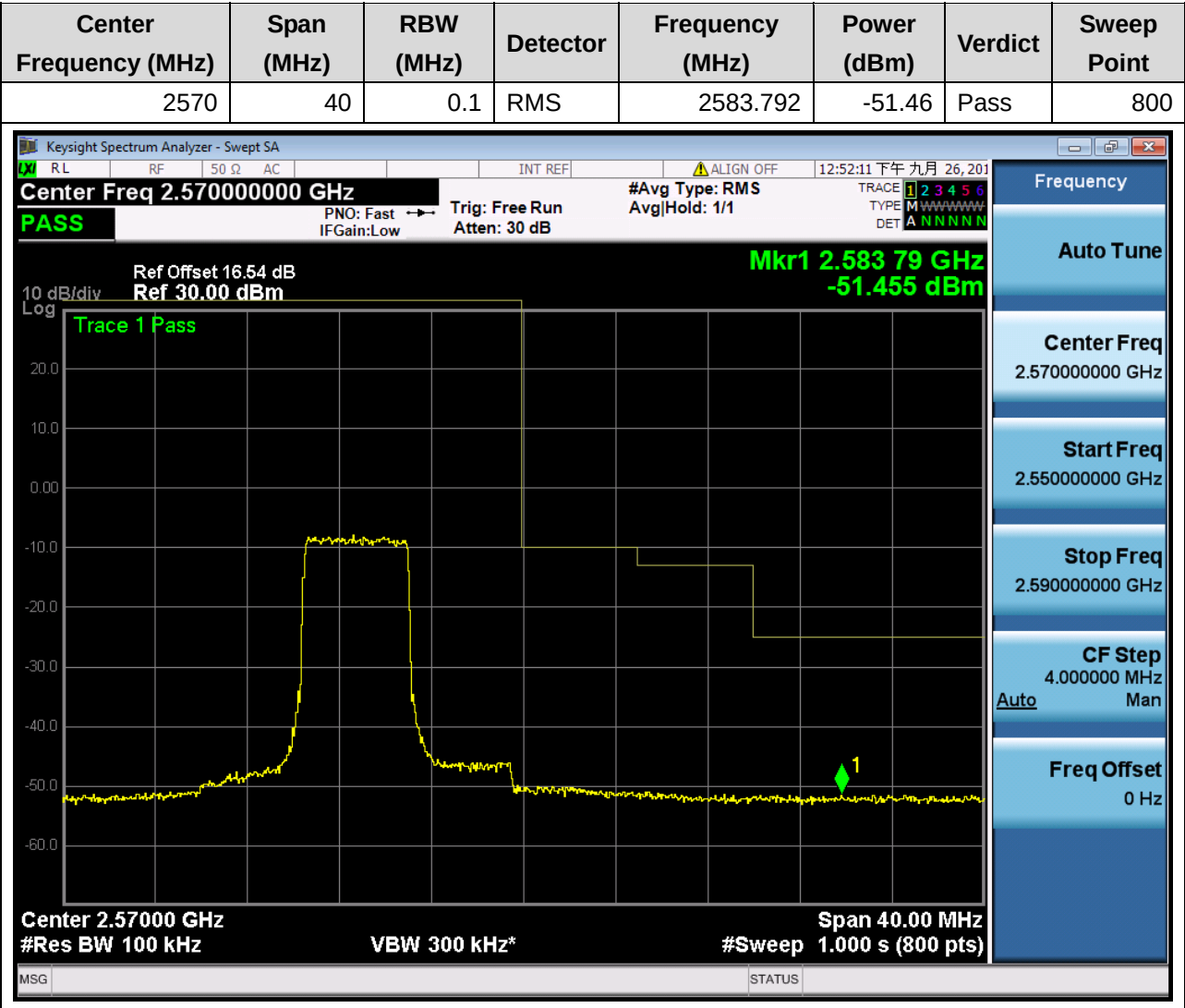




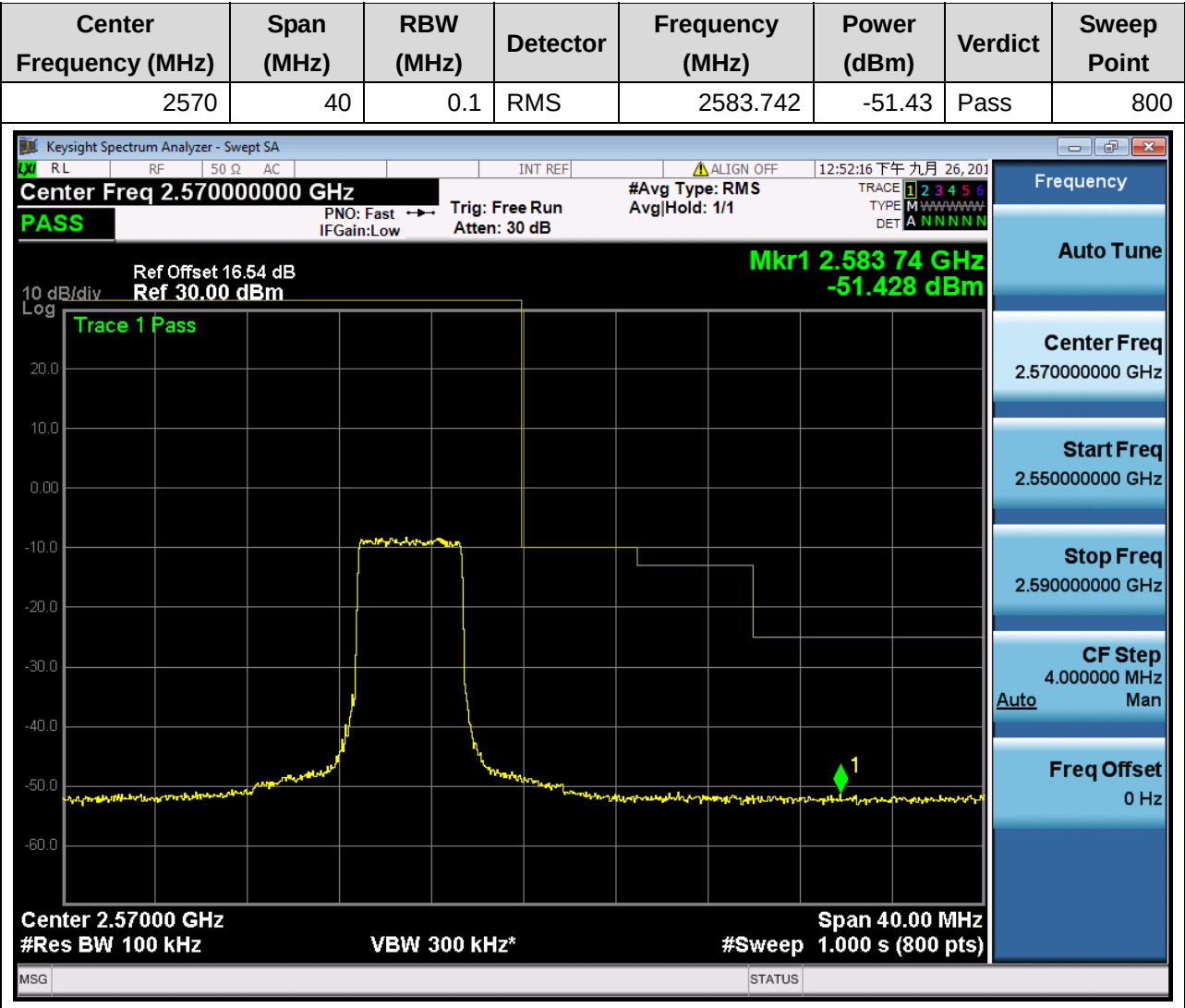
1.48. LTE Band Edge(NTNV)(Subtest:48, Channel:21400, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:HIGH)



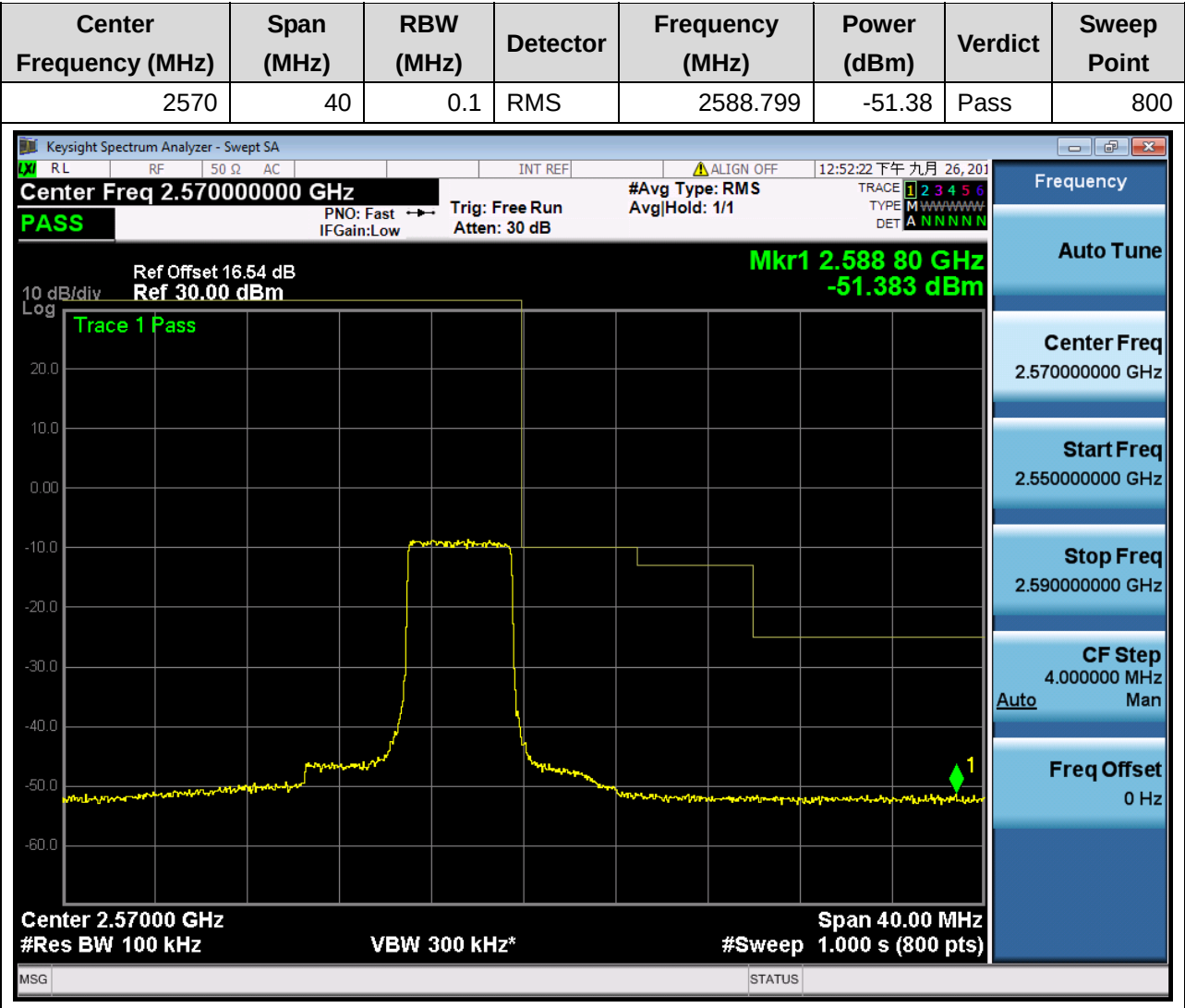
1.49. LTE Band Edge(NTNV)(Subtest:49, Channel:21400, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:LOW)



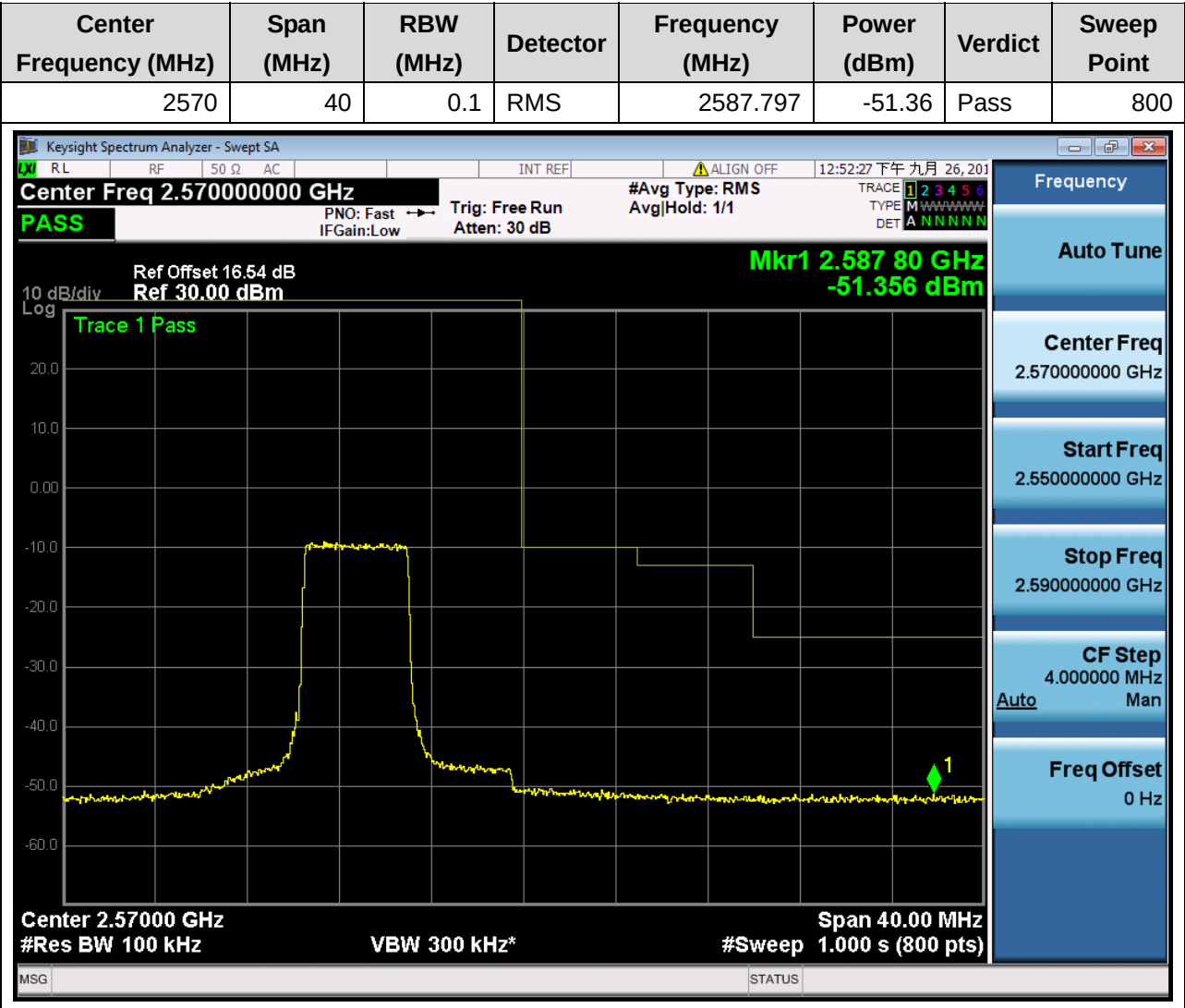
1.50. LTE Band Edge(NTNV)(Subtest:50, Channel:21400, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:MID)



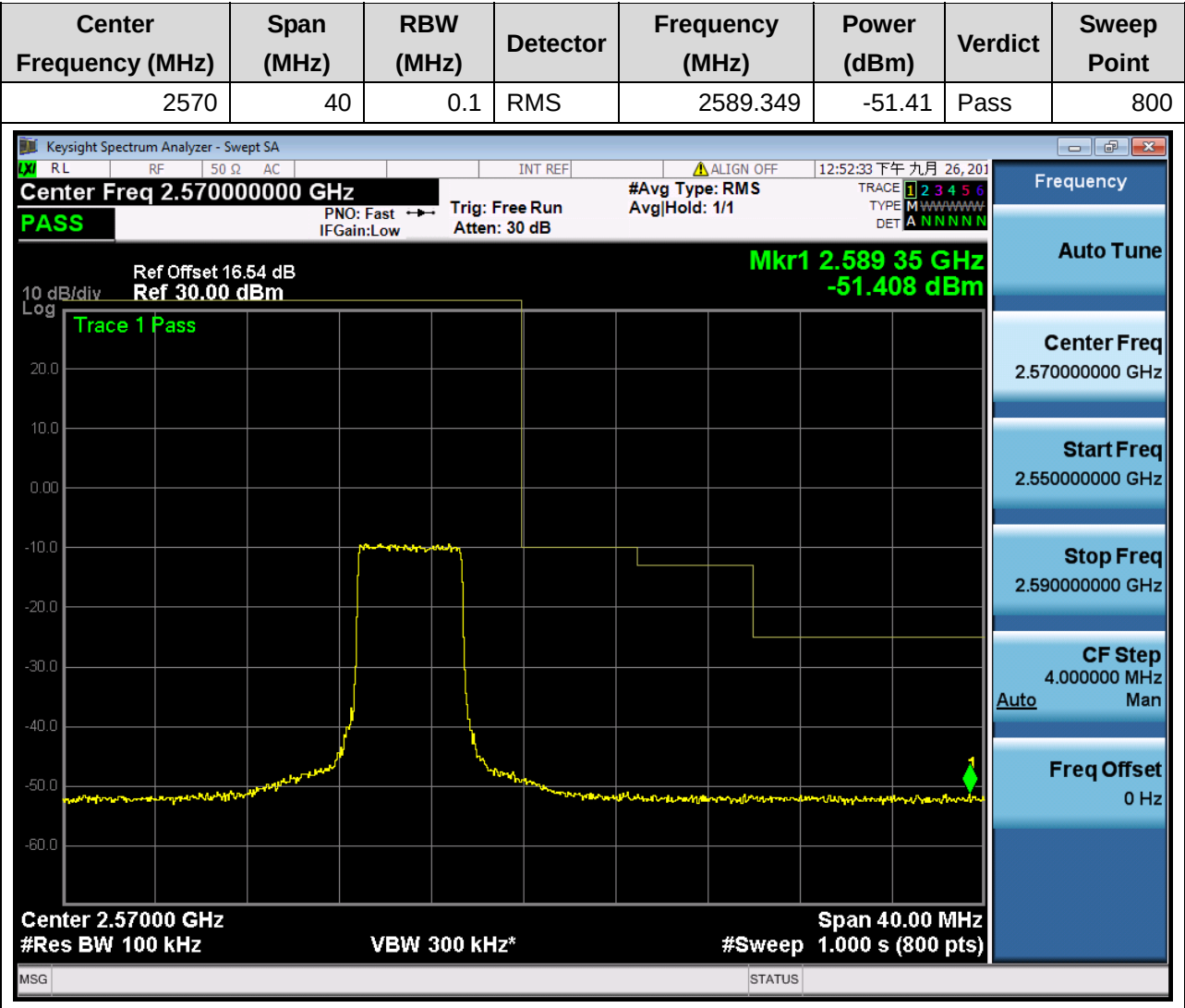
1.51. LTE Band Edge(NTNV)(Subtest:51, Channel:21400, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:HIGH)



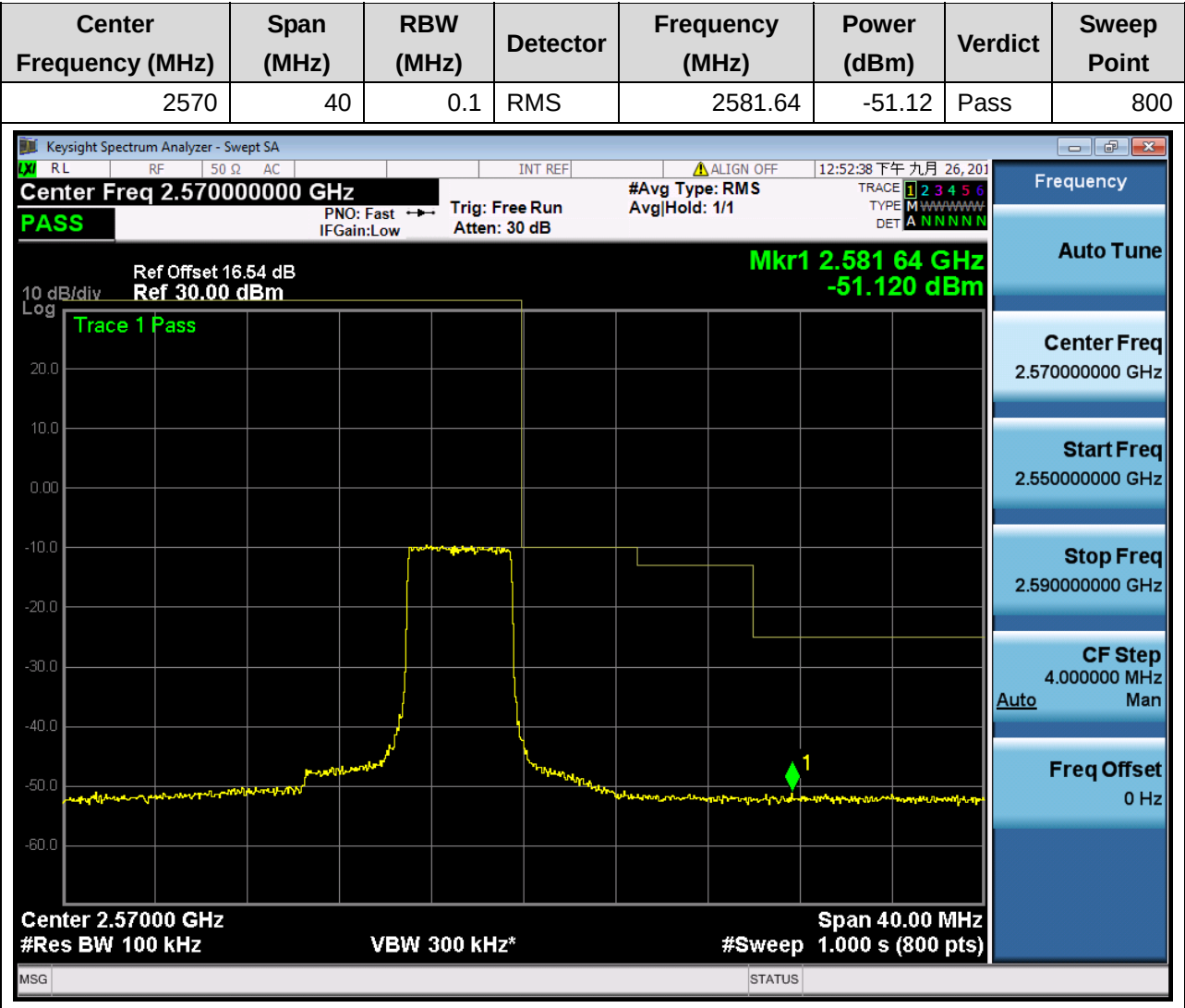
1.52. LTE Band Edge(NTNV)(Subtest:52, Channel:21400, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:LOW)



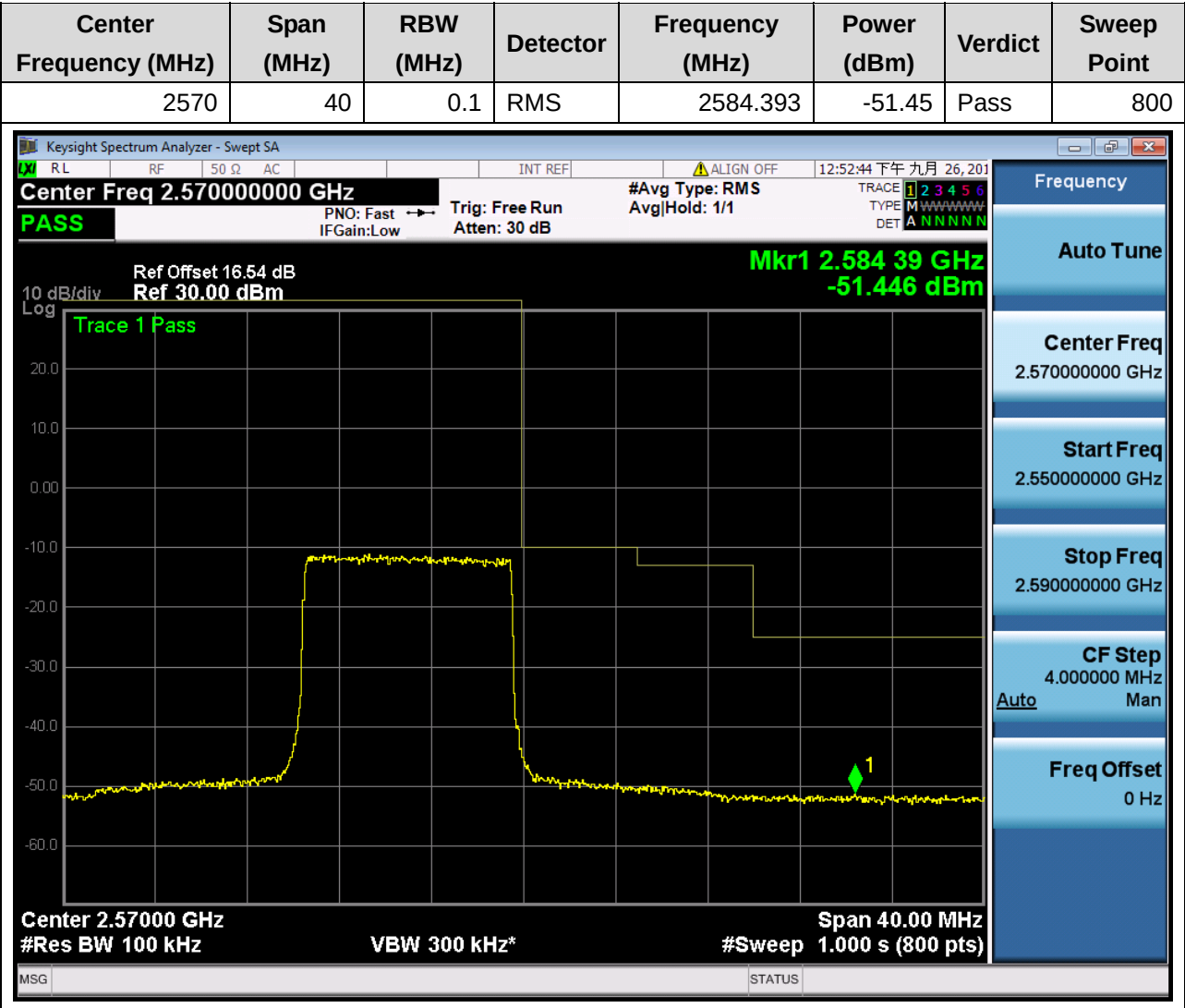
1.53. LTE Band Edge(NTNV)(Subtest:53, Channel:21400, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:MID)



1.54. LTE Band Edge(NTNV)(Subtest:54, Channel:21400, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:HIGH)

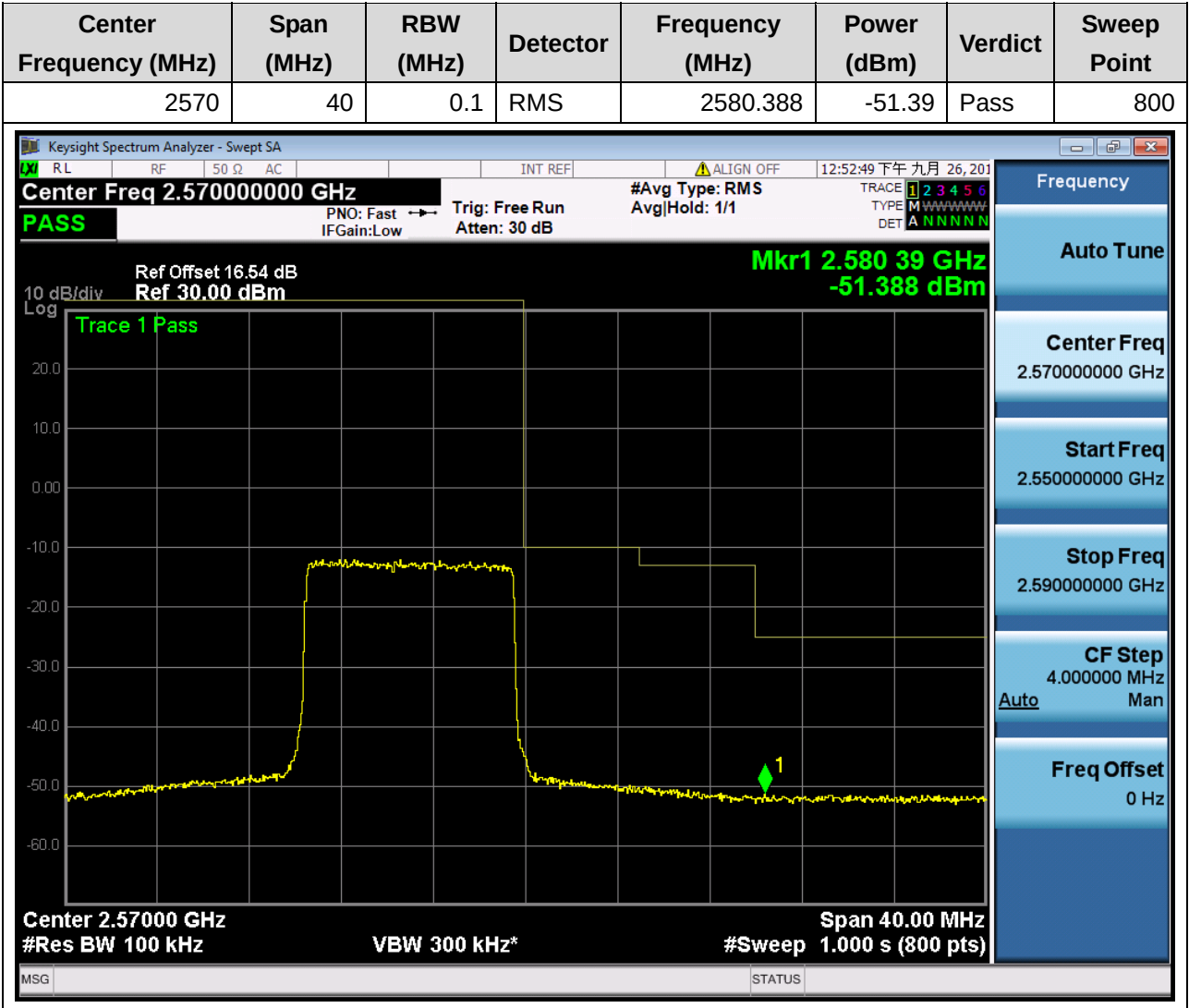


1.55. LTE Band Edge(NTNV)(Subtest:55, Channel:21400, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

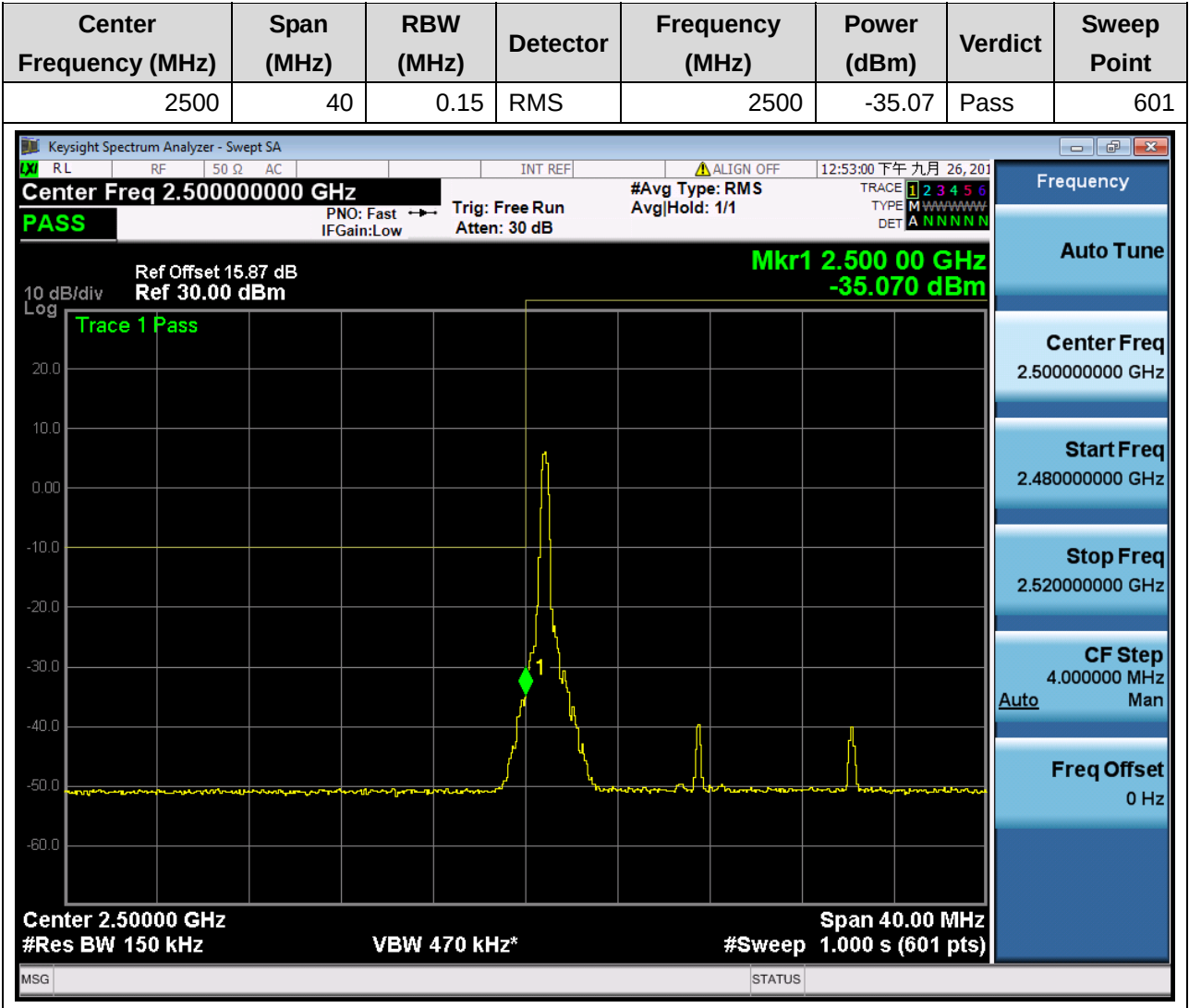




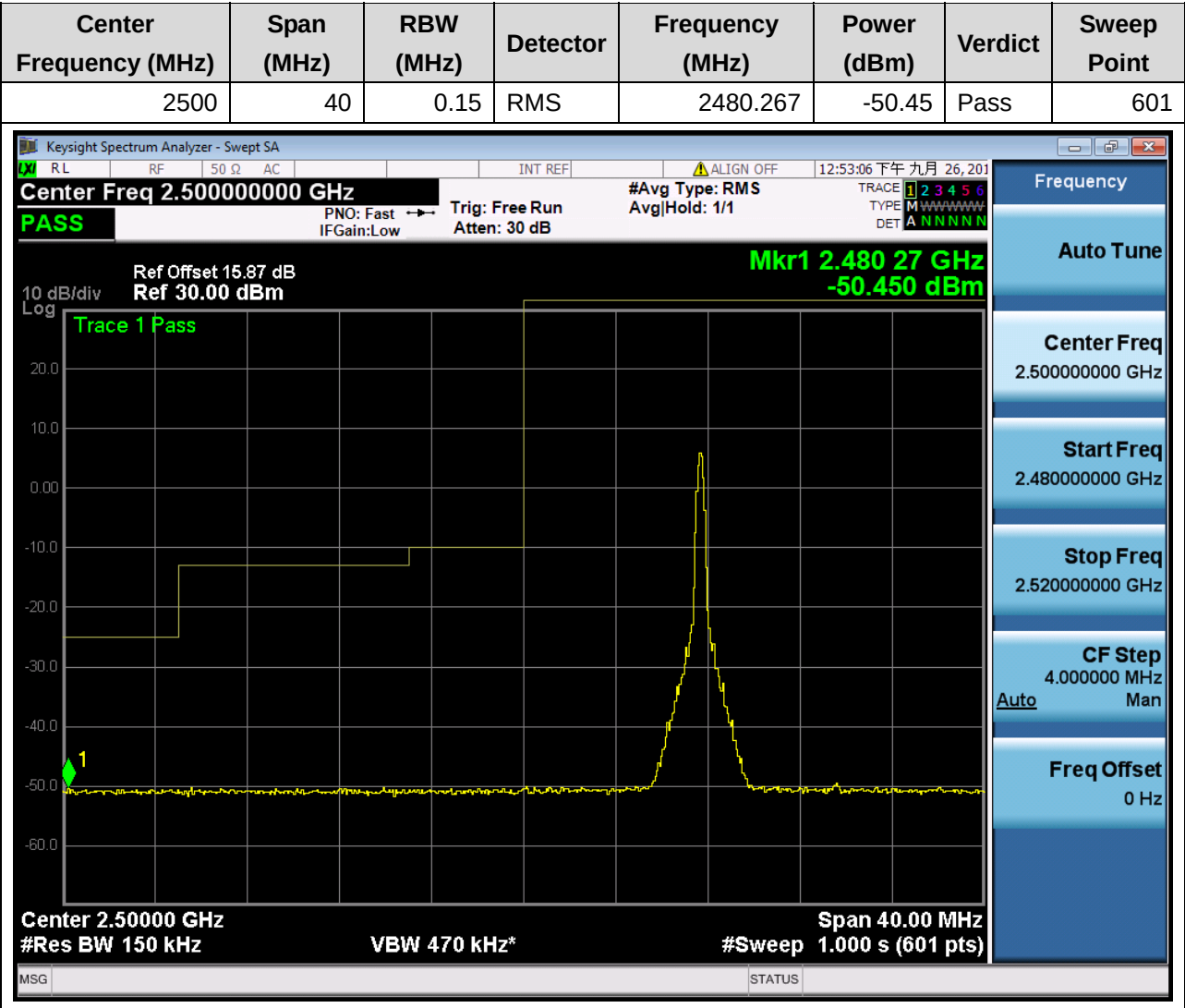
1.56. LTE Band Edge(NTNV)(Subtest:56, Channel:21400, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



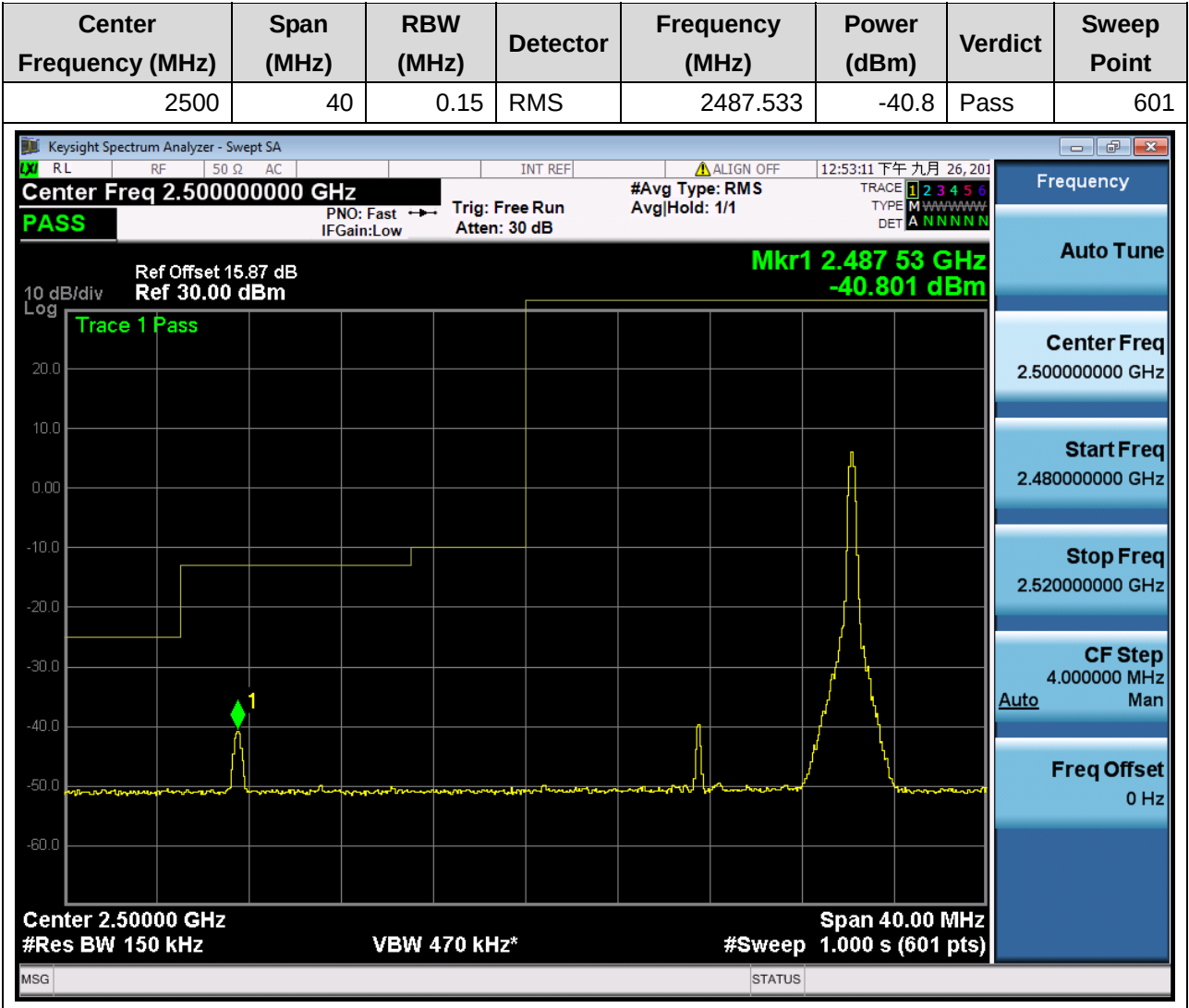
1.57. LTE Band Edge(NTNV)(Subtest:57, Channel:20825, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)



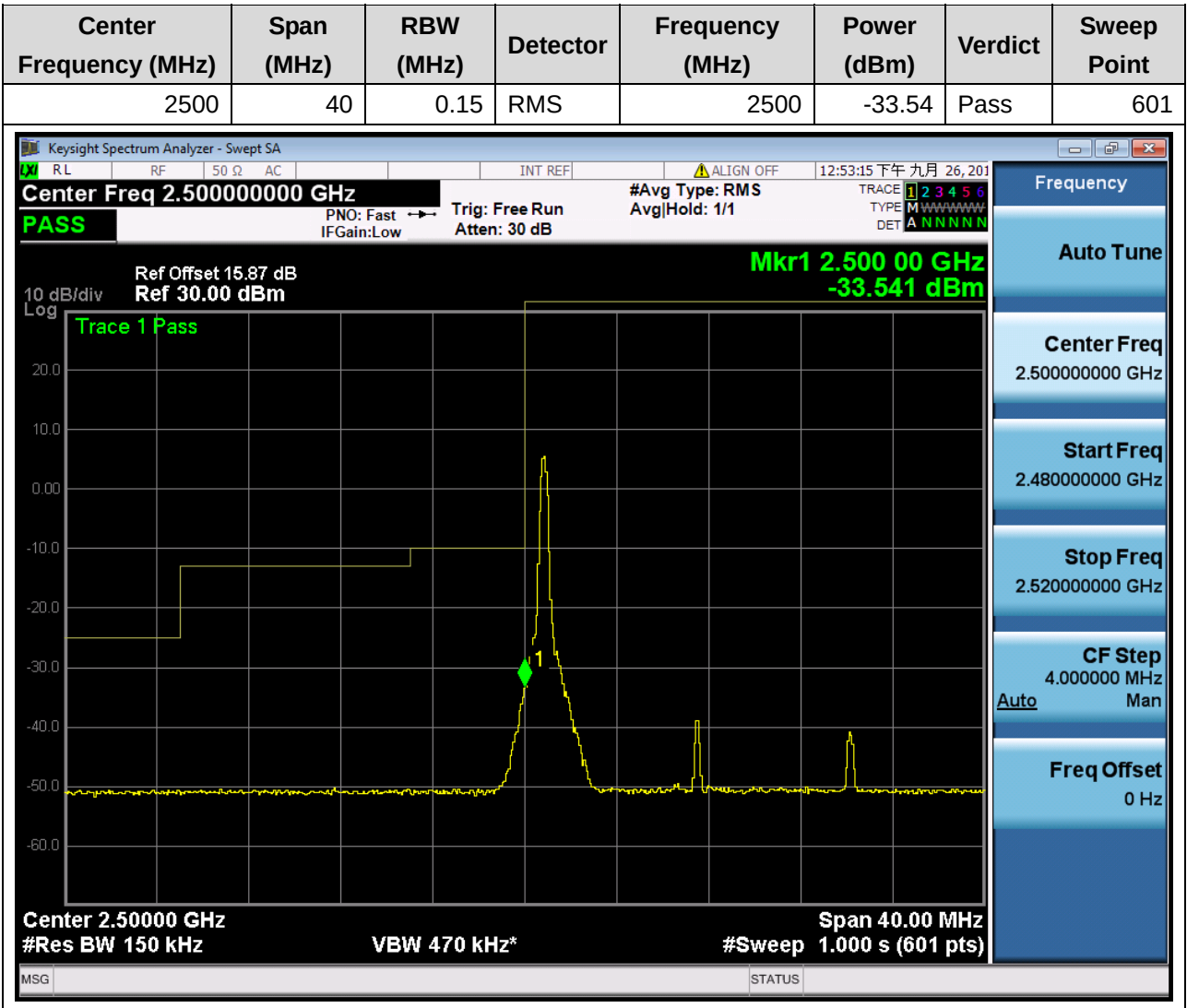
1.58. LTE Band Edge(NTNV)(Subtest:58, Channel:20825, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:MID)



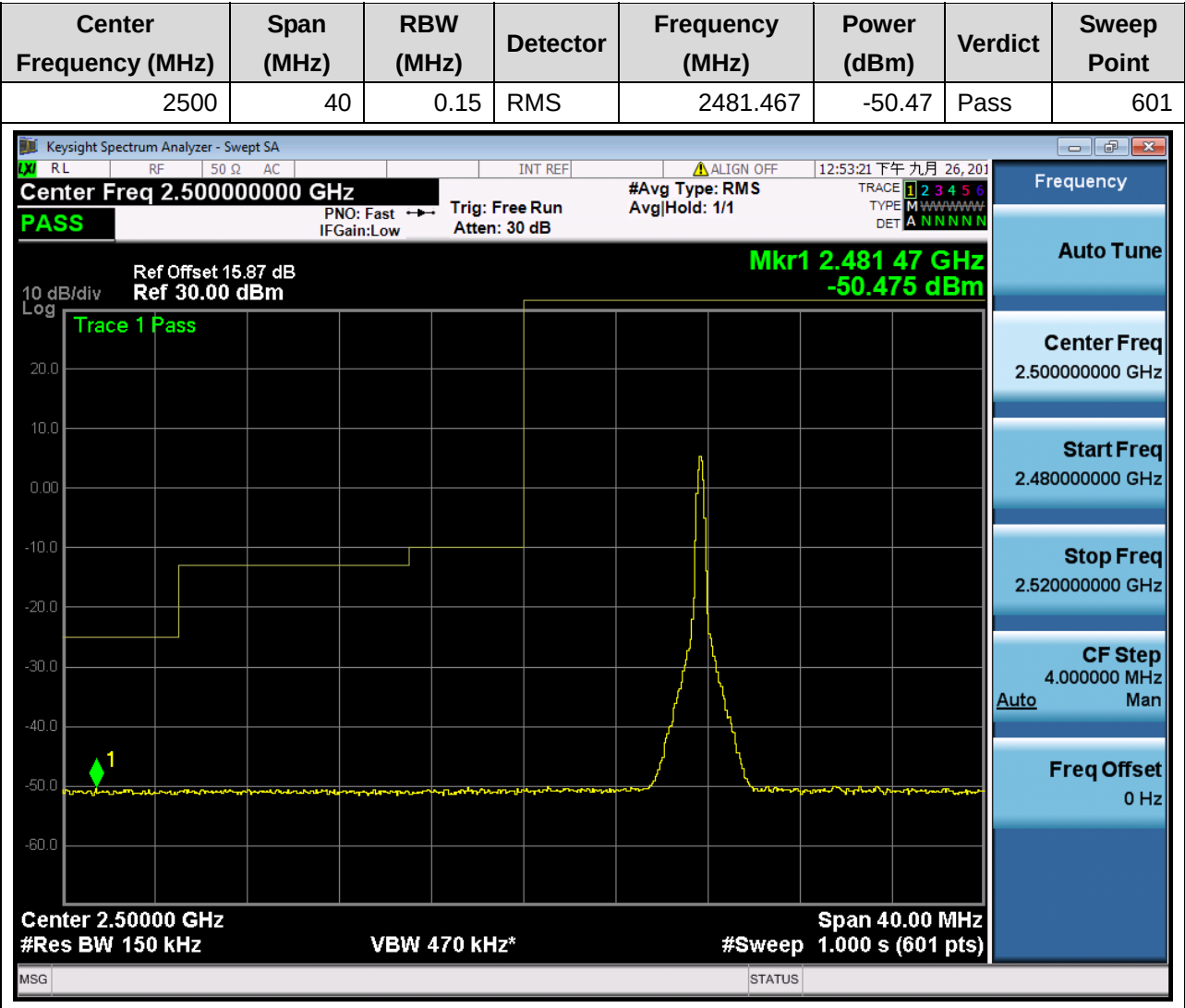
1.59. LTE Band Edge(NTNV)(Subtest:59, Channel:20825, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:HIGH)



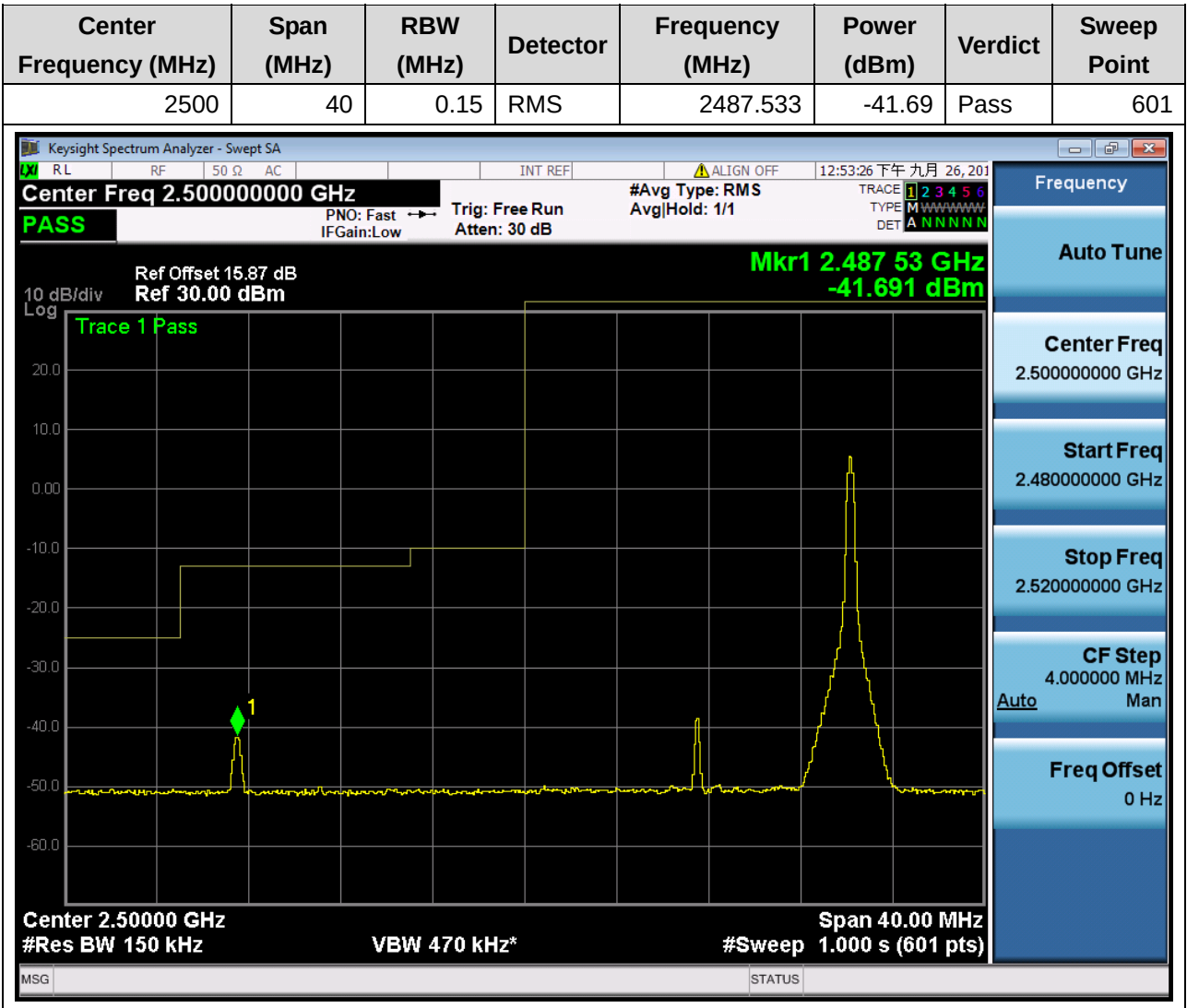
1.60. LTE Band Edge(NTNV)(Subtest:60, Channel:20825, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)



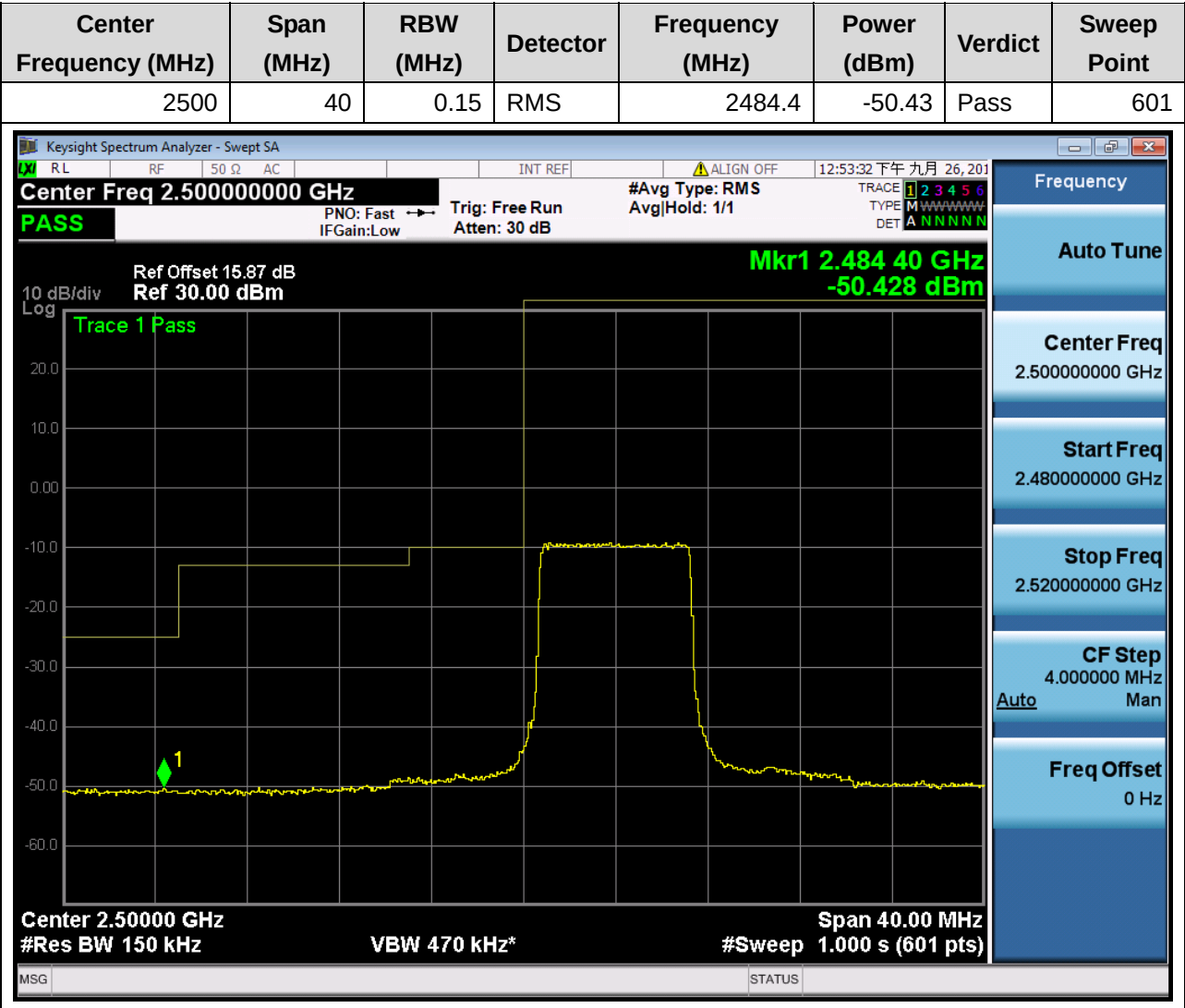
1.61. LTE Band Edge(NTNV)(Subtest:61, Channel:20825, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:MID)



1.62. LTE Band Edge(NTNV)(Subtest:62, Channel:20825, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:HIGH)



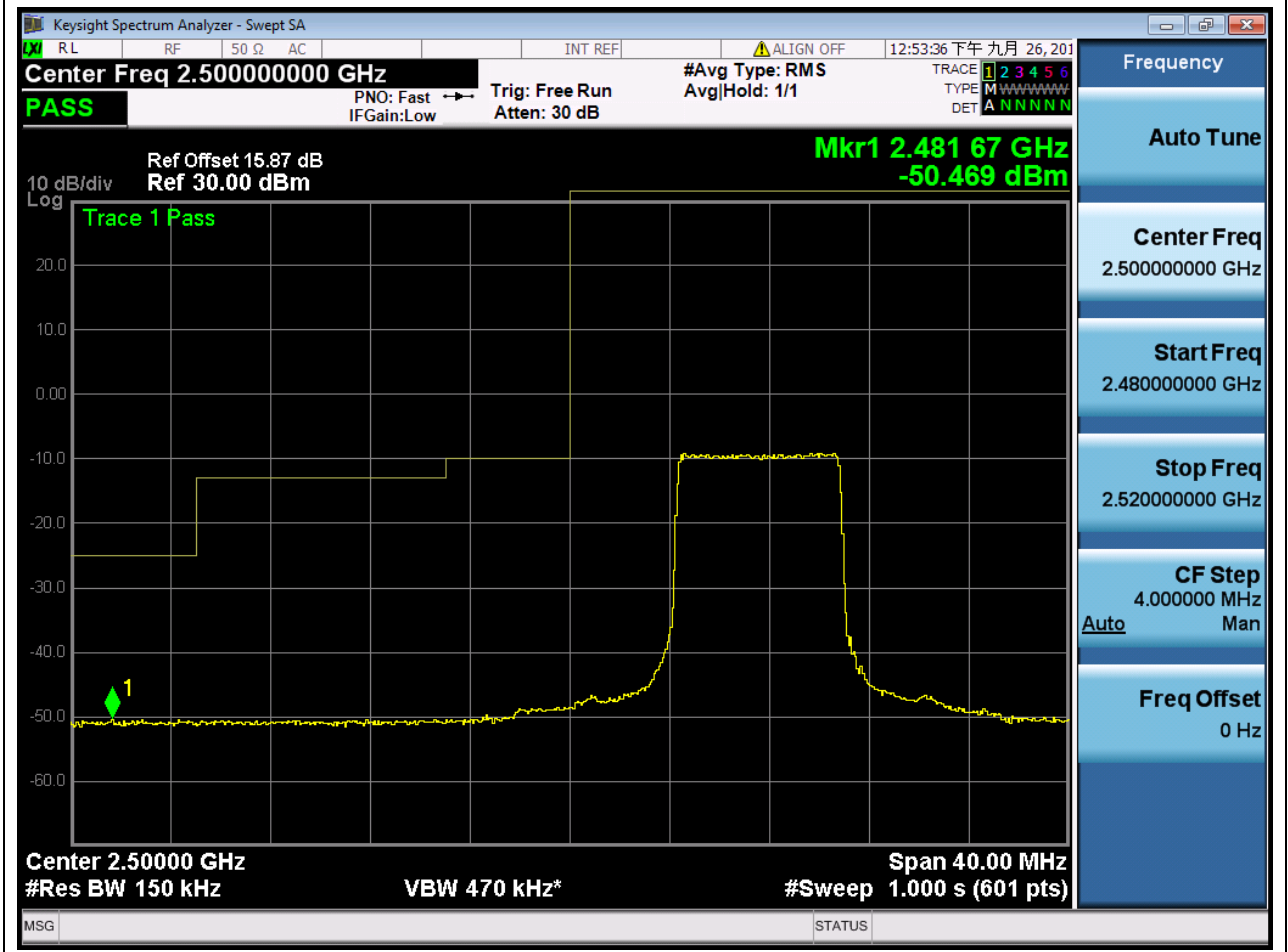
1.63. LTE Band Edge(NTNV)(Subtest:63, Channel:20825, Bandwidth:15, Modulation:QPSK, RB Number: 36, RB Position:LOW)



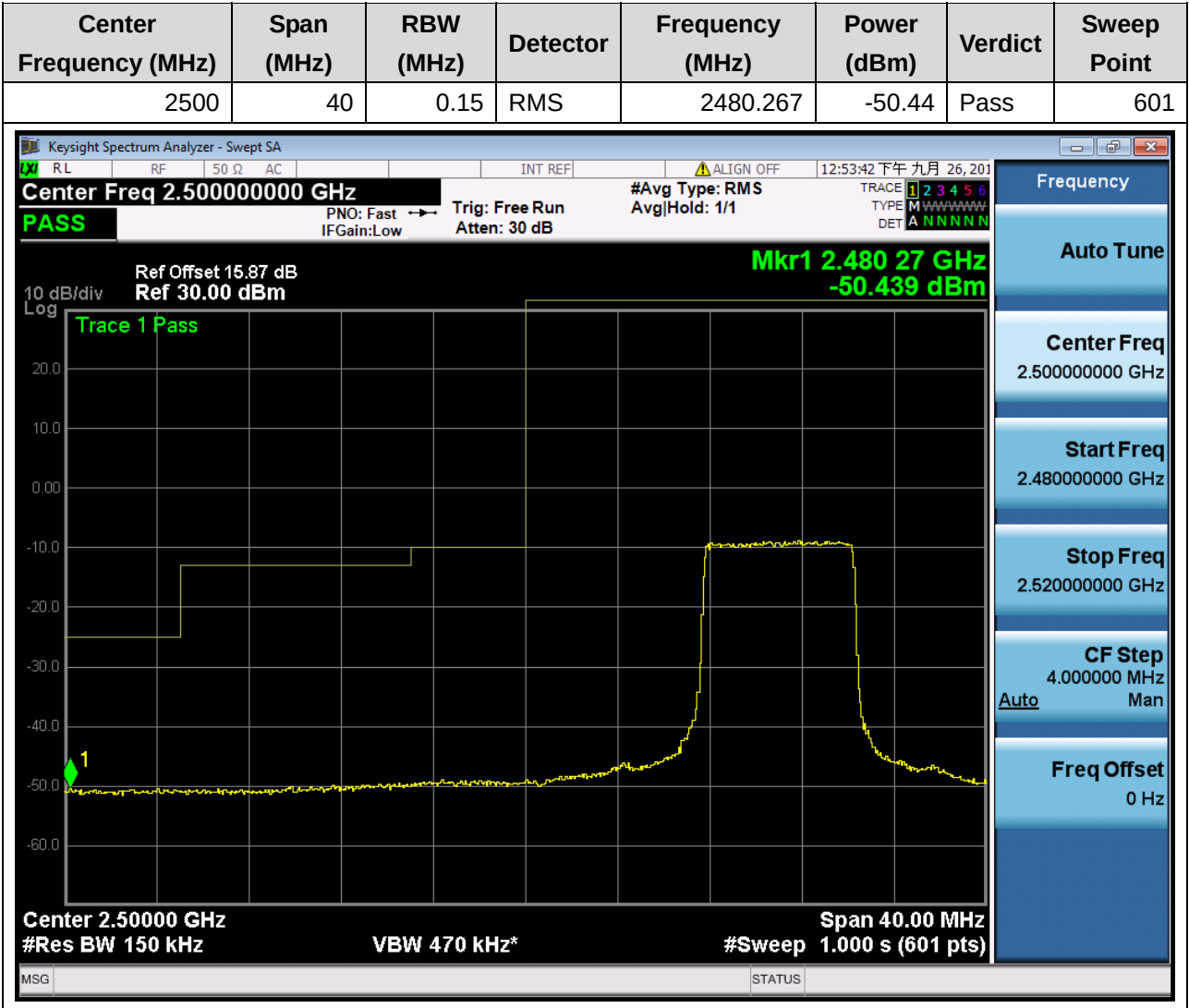


**1.64. LTE Band Edge(NTNV)(Subtest:64, Channel:20825, Bandwidth:15, Modulation:QPSK, RB Number: 36, RB Position:MID)**

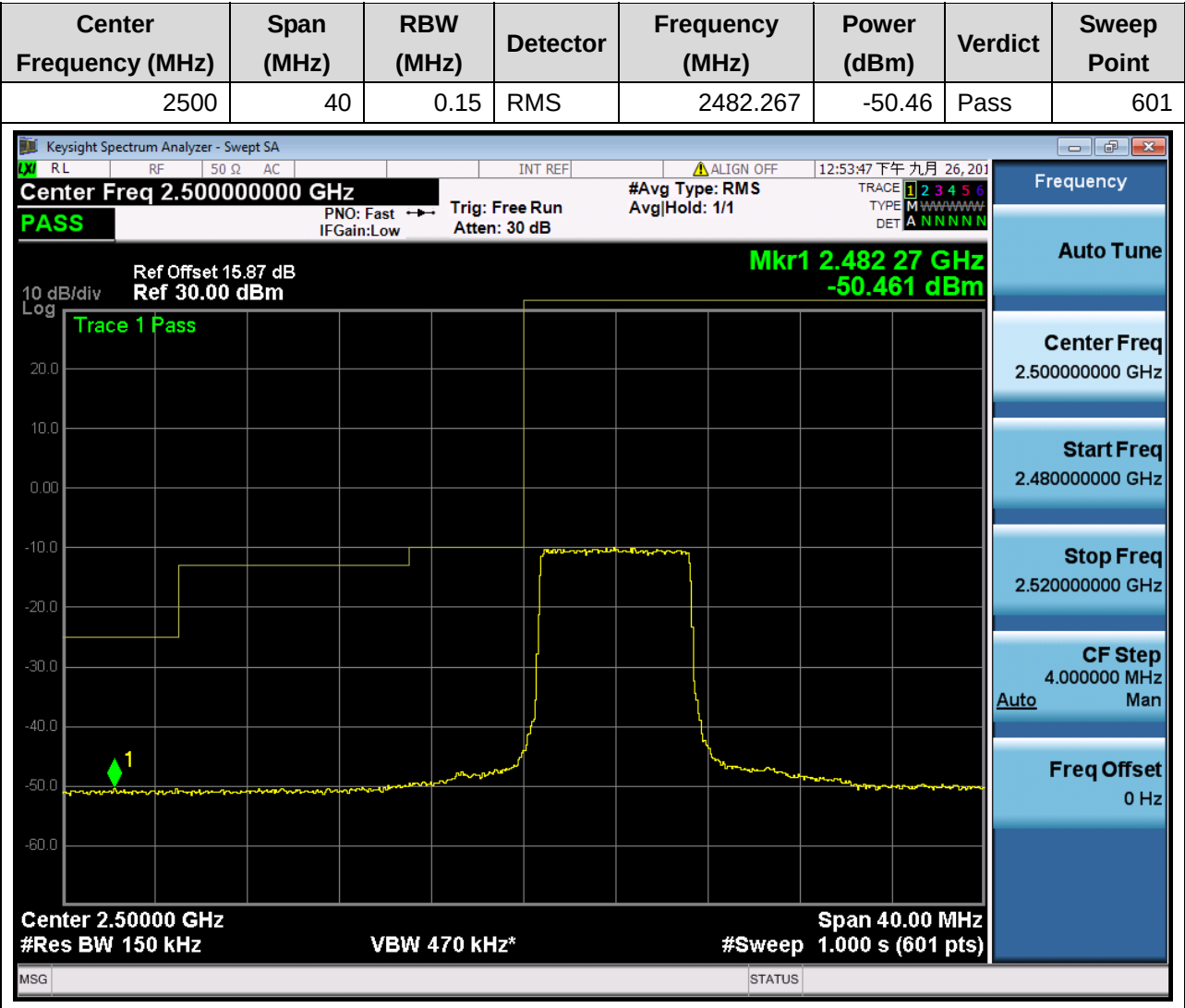
| Center<br>Frequency (MHz) | Span<br>(MHz) | RBW<br>(MHz) | Detector | Frequency<br>(MHz) | Power<br>(dBm) | Verdict | Sweep<br>Point |
|---------------------------|---------------|--------------|----------|--------------------|----------------|---------|----------------|
| 2500                      | 40            | 0.15         | RMS      | 2481.667           | -50.47         | Pass    | 601            |



1.65. LTE Band Edge(NTNV)(Subtest:65, Channel:20825, Bandwidth:15, Modulation:QPSK, RB Number: 36, RB Position:HIGH)

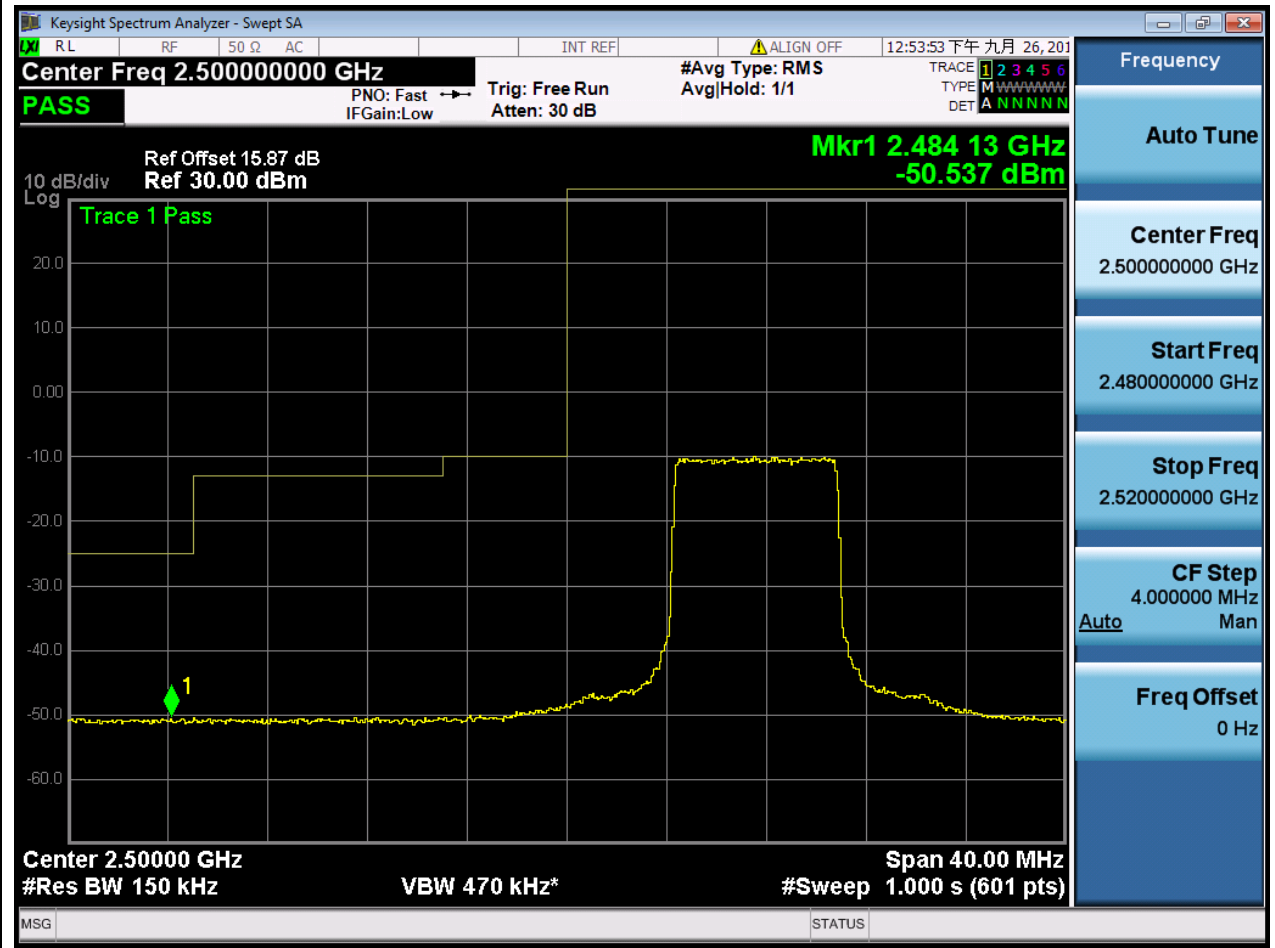


1.66. LTE Band Edge(NTNV)(Subtest:66, Channel:20825, Bandwidth:15, Modulation:Q16, RB Number: 36, RB Position:LOW)

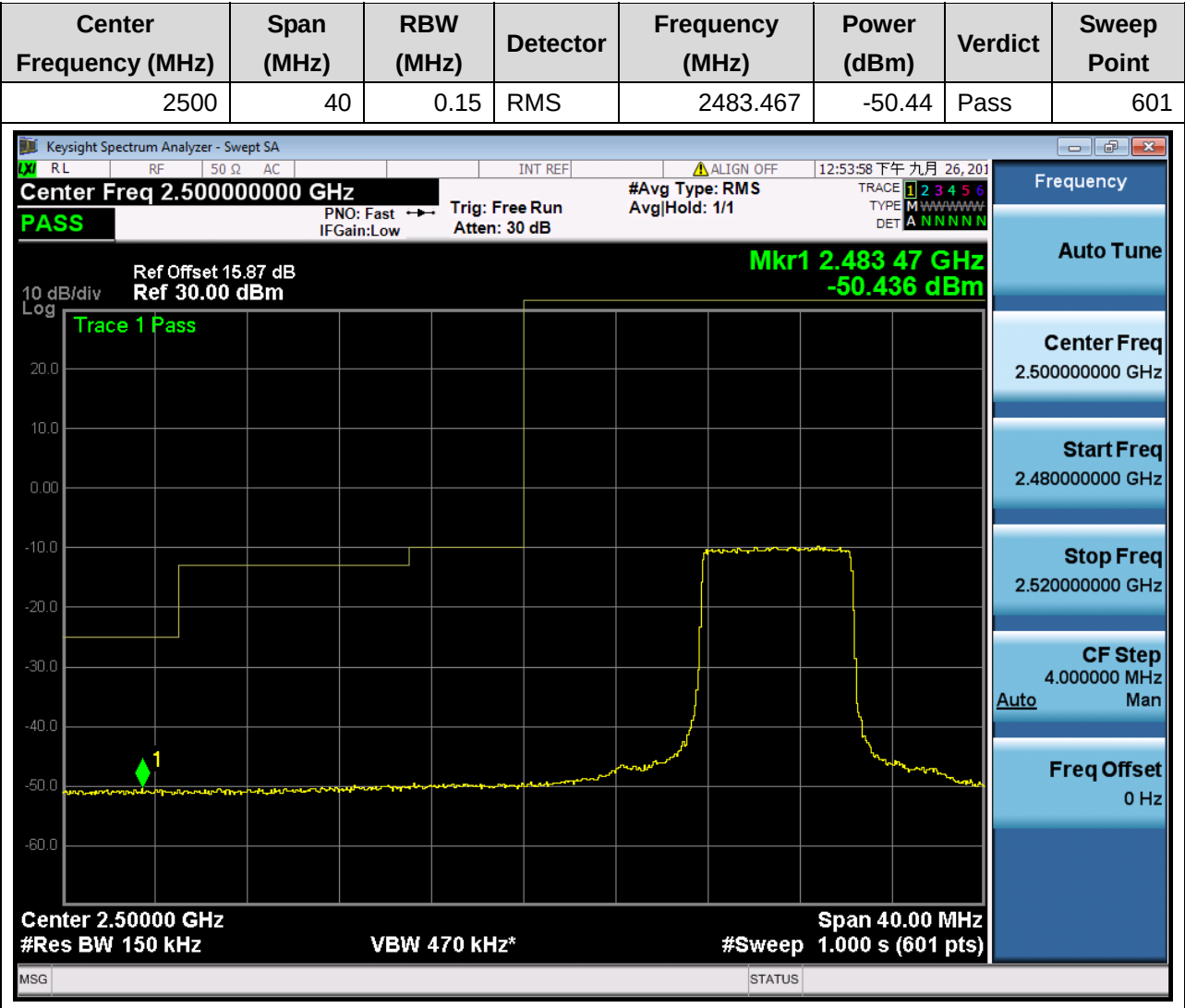


**1.67. LTE Band Edge(NTNV)(Subtest:67, Channel:20825, Bandwidth:15, Modulation:Q16, RB Number: 36, RB Position:MID)**

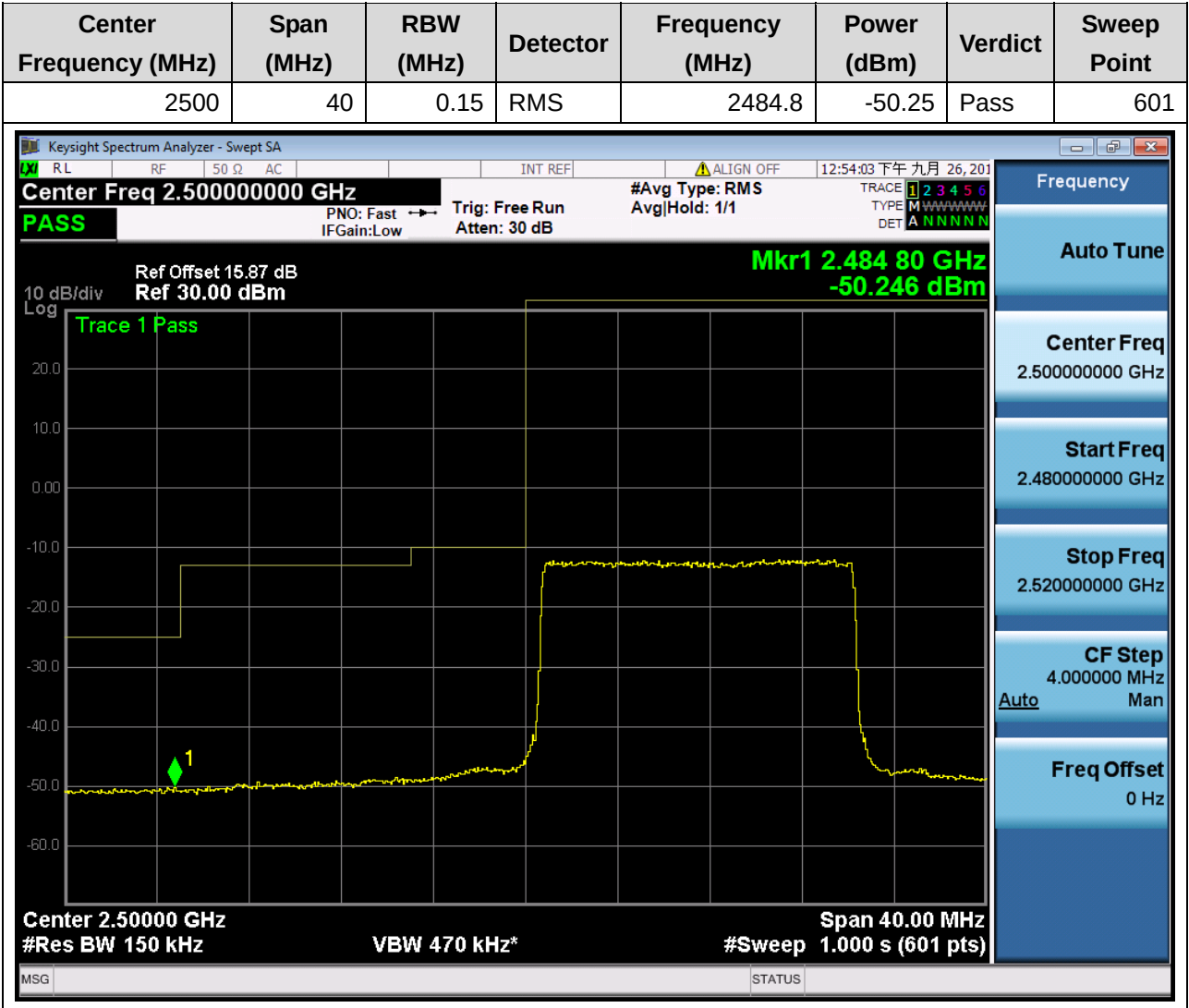
| Center Frequency (MHz) | Span (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Verdict | Sweep Point |
|------------------------|------------|-----------|----------|-----------------|-------------|---------|-------------|
| 2500                   | 40         | 0.15      | RMS      | 2484.133        | -50.54      | Pass    | 601         |



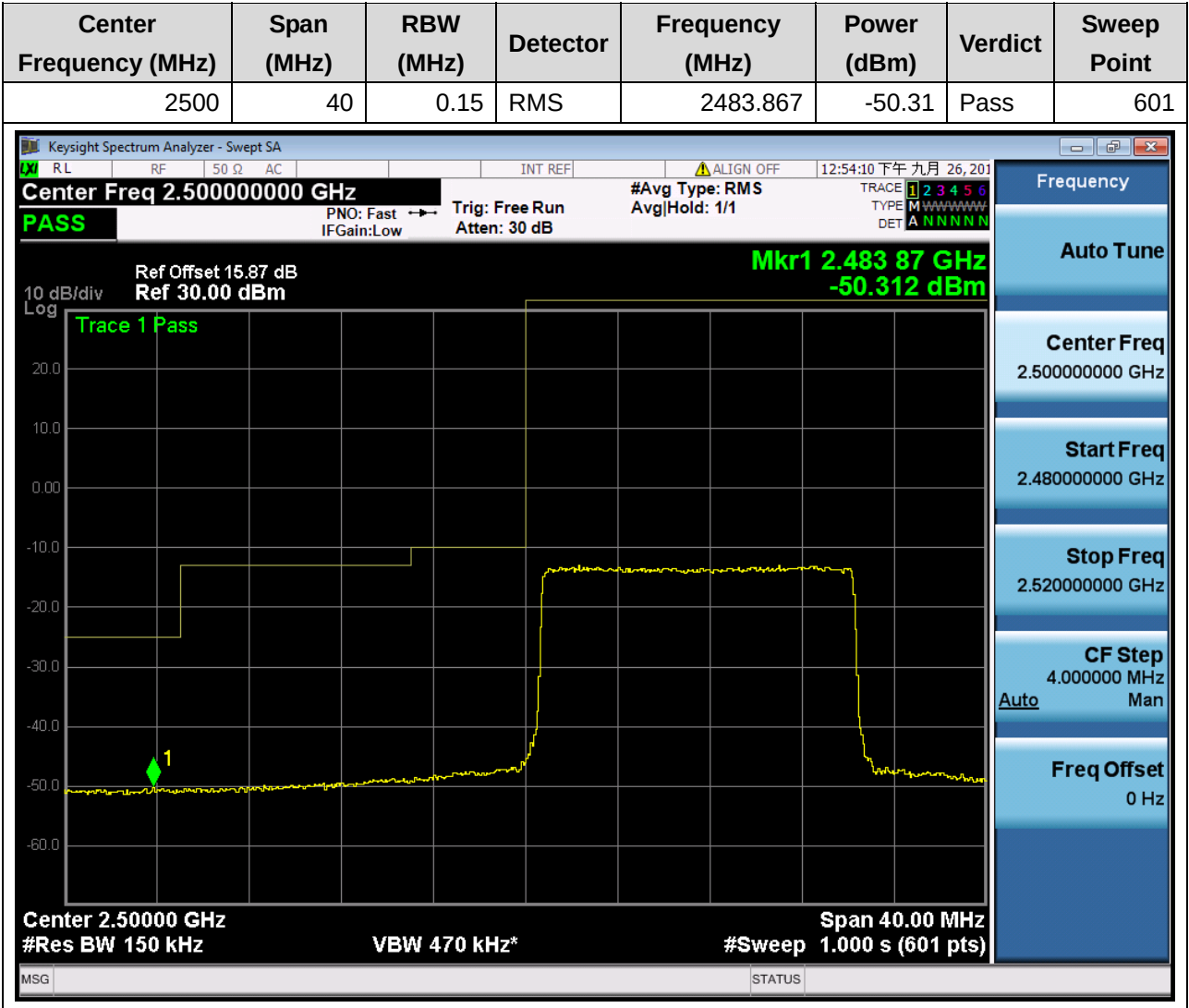
1.68. LTE Band Edge(NTNV)(Subtest:68, Channel:20825, Bandwidth:15, Modulation:Q16, RB Number: 36, RB Position:HIGH)



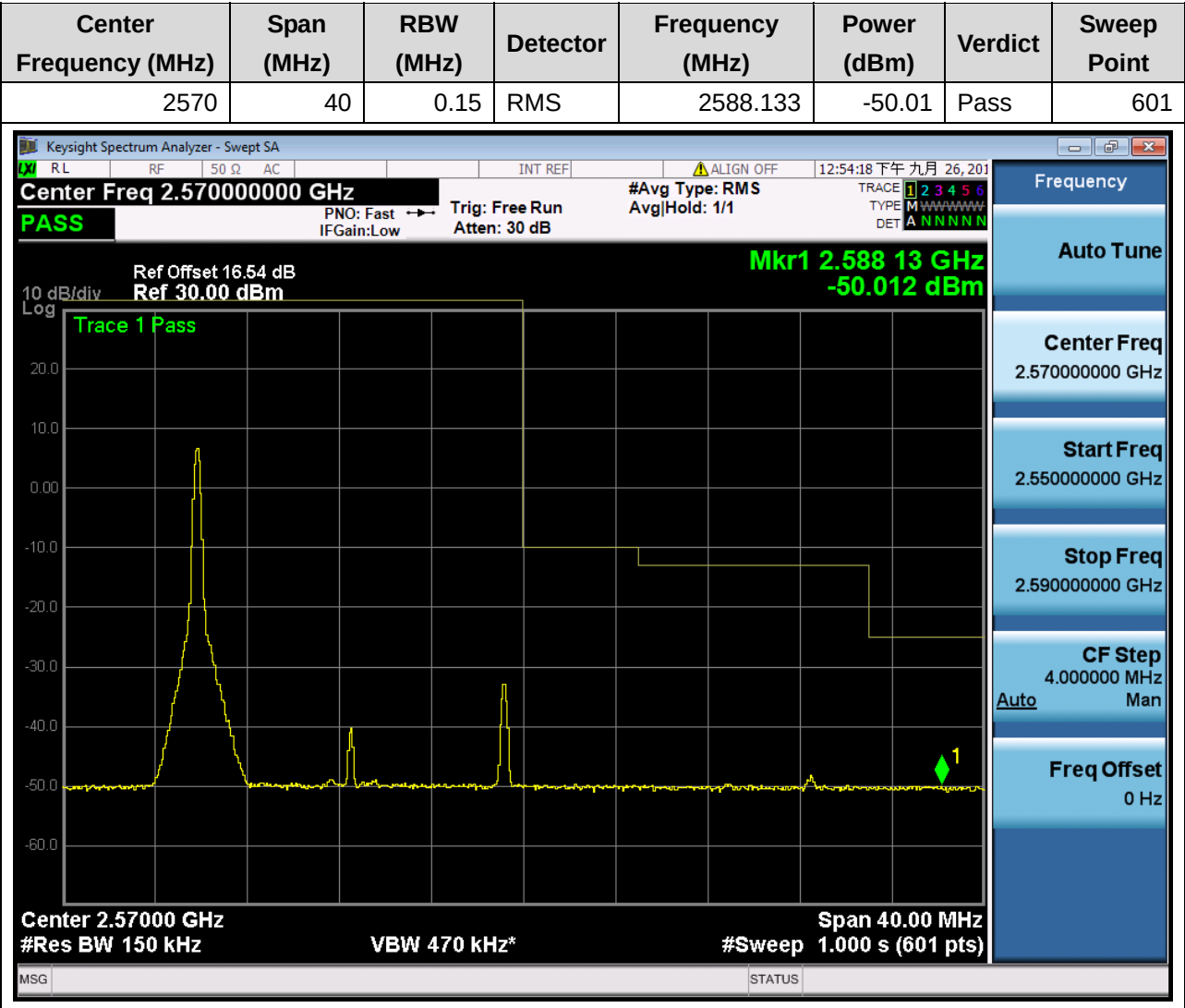
1.69. LTE Band Edge(NTNV)(Subtest:69, Channel:20825, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)



1.70. LTE Band Edge(NTNV)(Subtest:70, Channel:20825, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

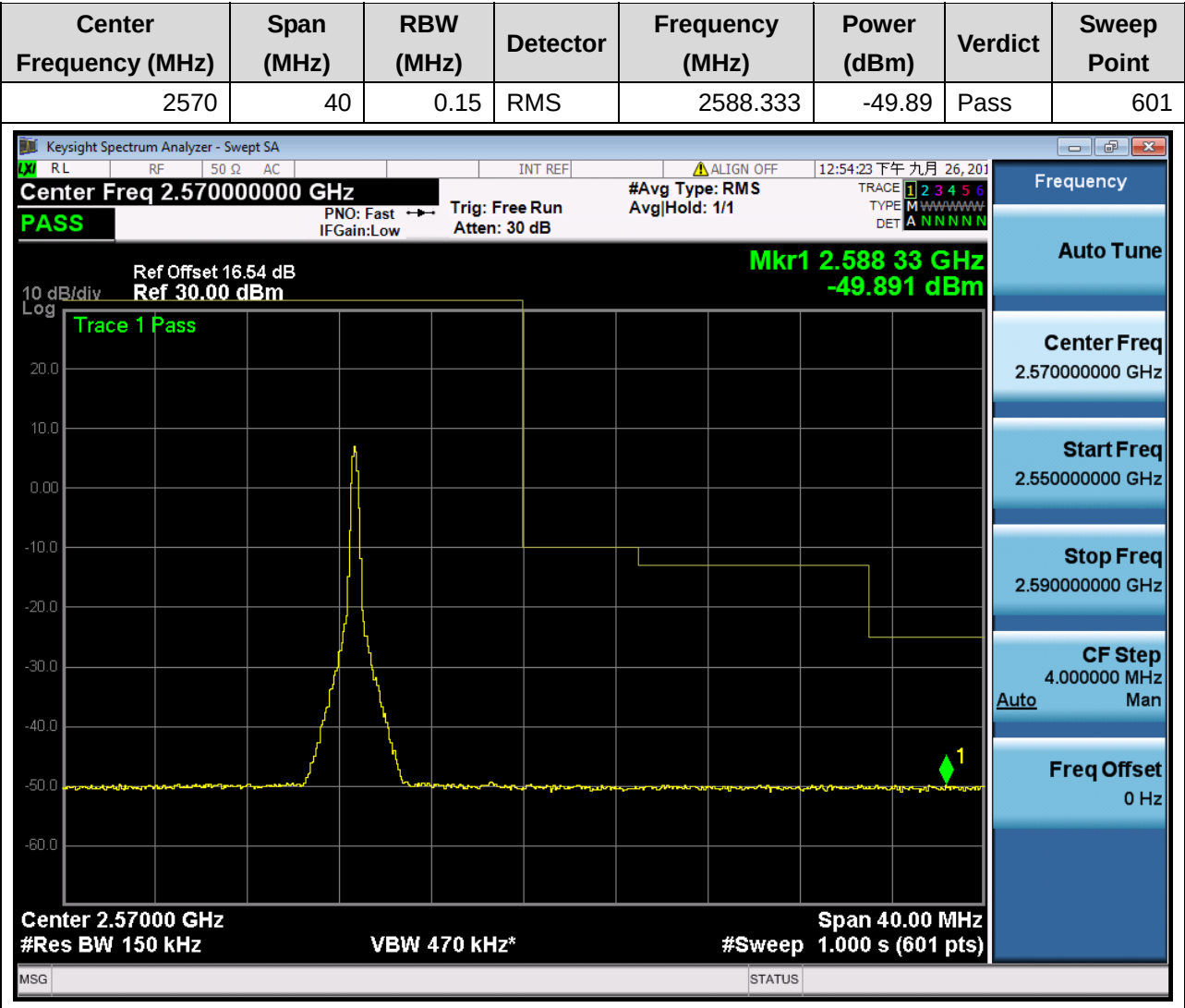


1.71. LTE Band Edge(NTNV)(Subtest:71, Channel:21375, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

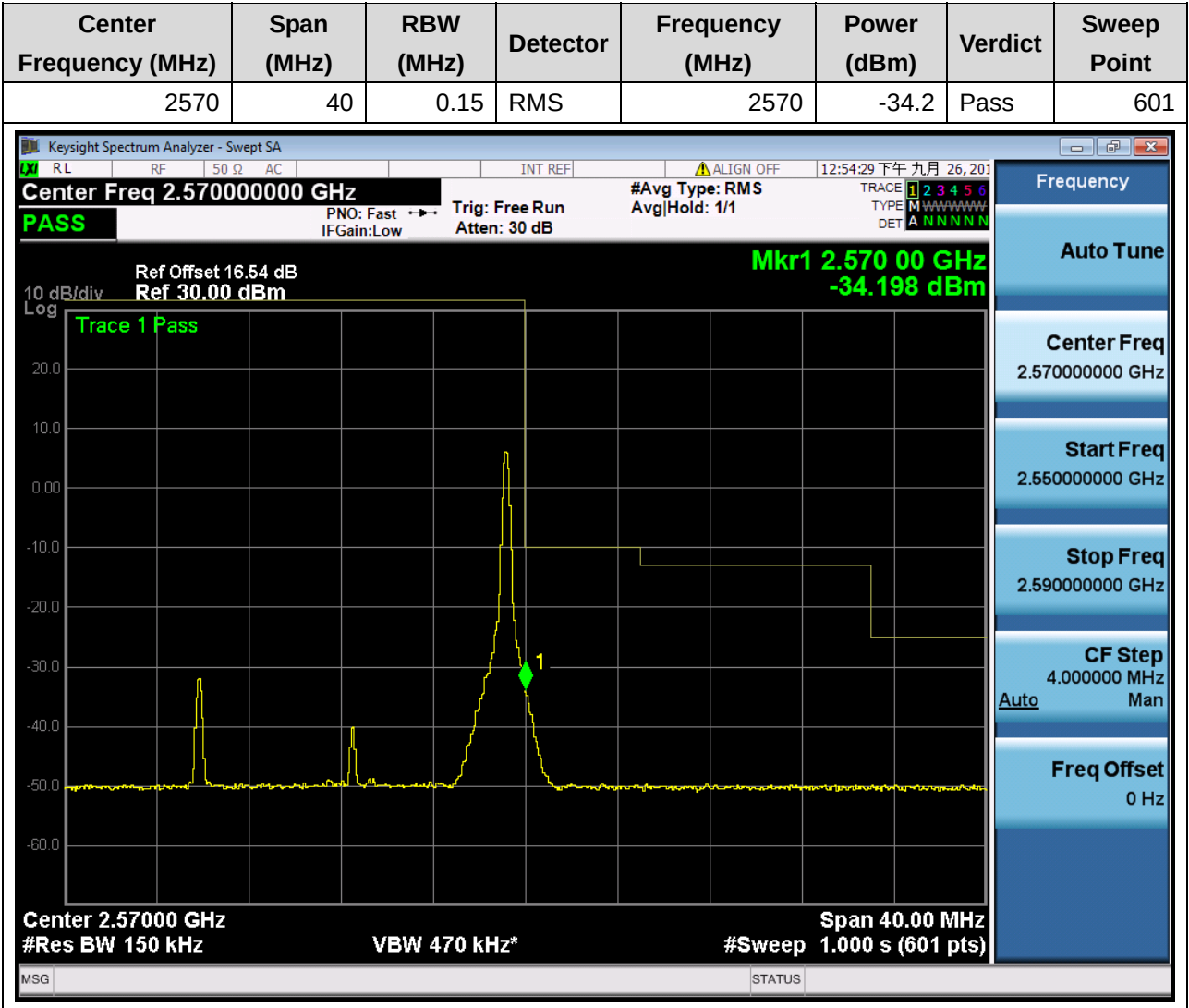




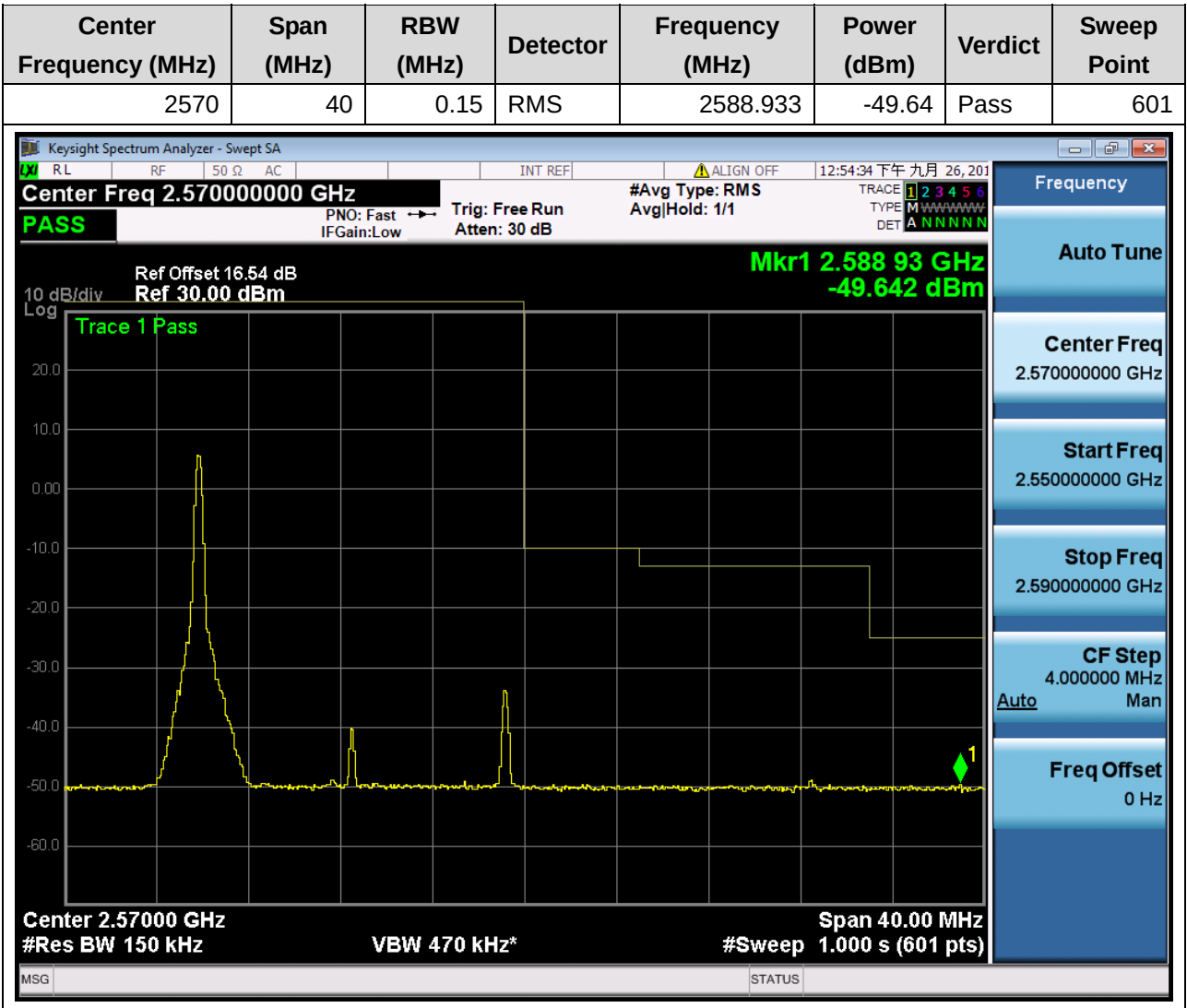
1.72. LTE Band Edge(NTNV)(Subtest:72, Channel:21375, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:MID)



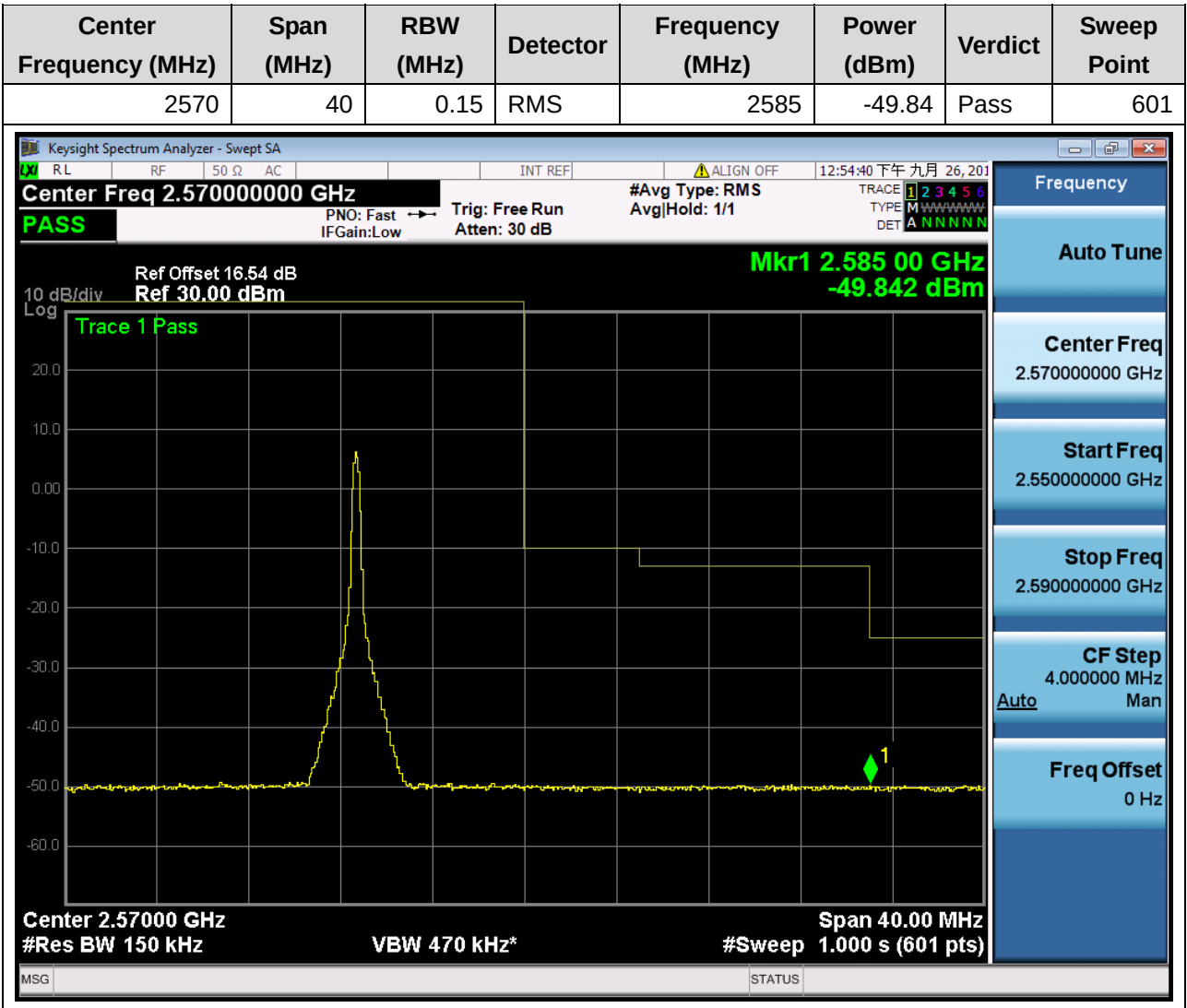
1.73. LTE Band Edge(NTNV)(Subtest:73, Channel:21375, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:HIGH)



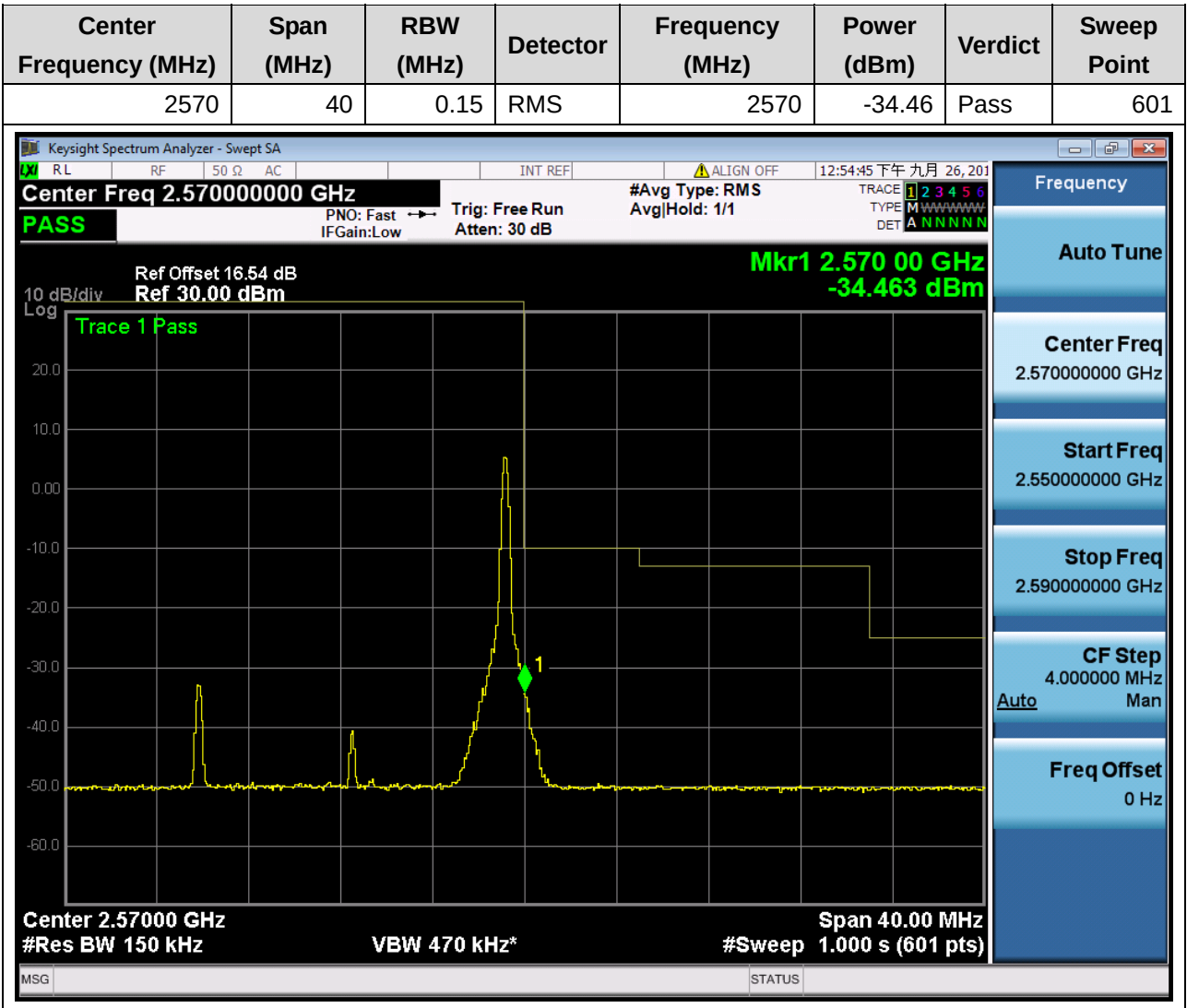
1.74. LTE Band Edge(NTNV)(Subtest:74, Channel:21375, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)



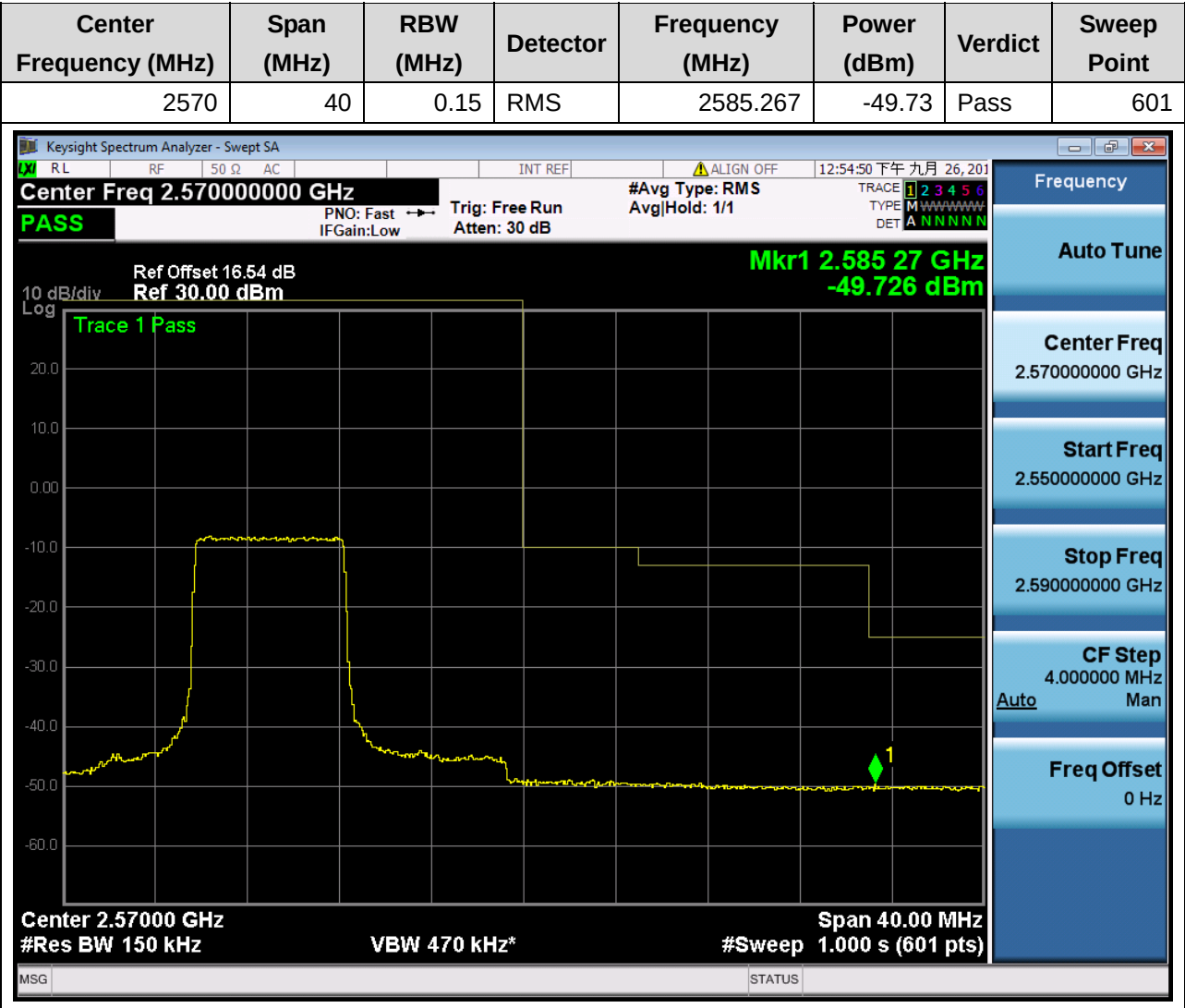
1.75. LTE Band Edge(NTNV)(Subtest:75, Channel:21375, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:MID)



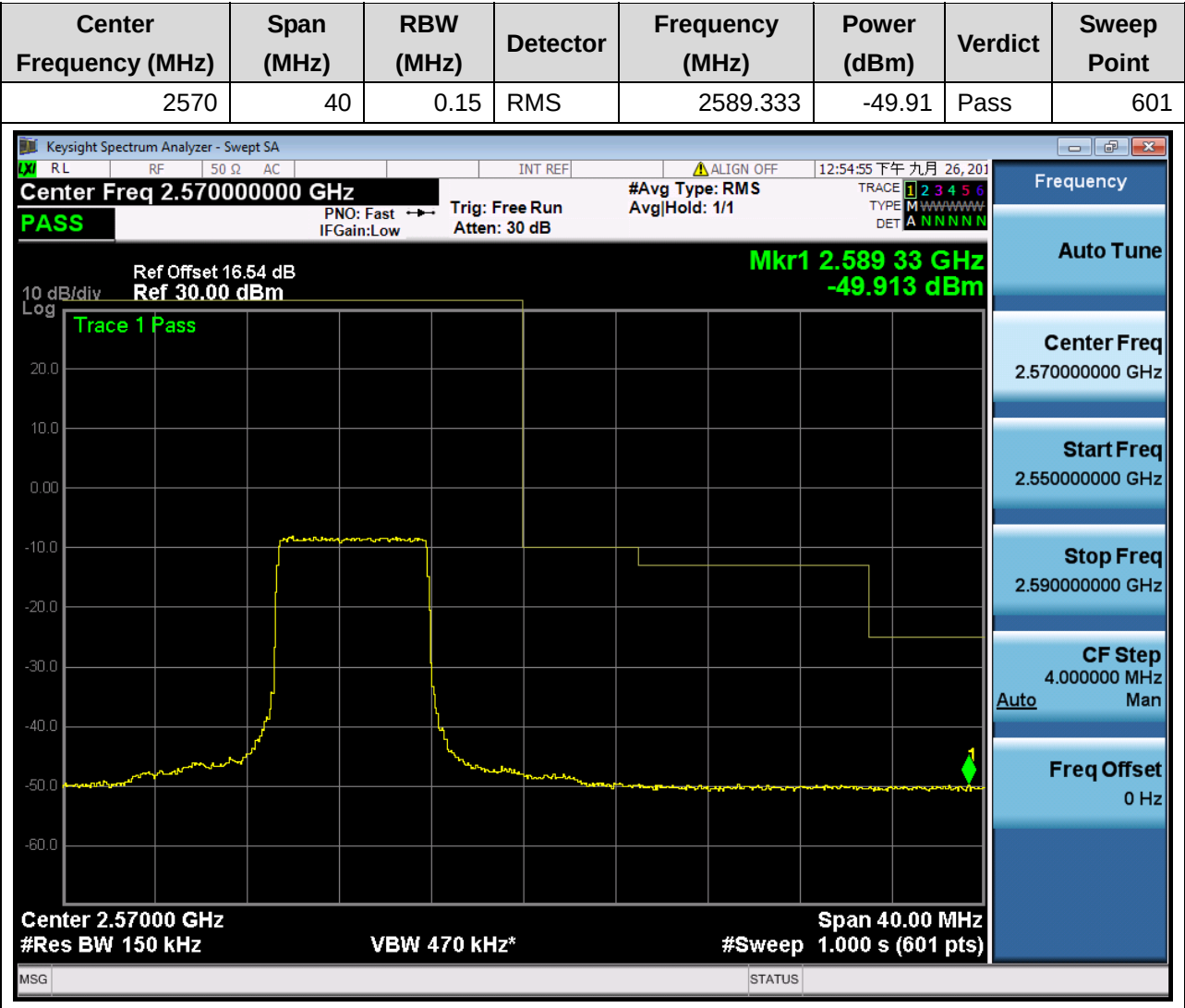
1.76. LTE Band Edge(NTNV)(Subtest:76, Channel:21375, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:HIGH)



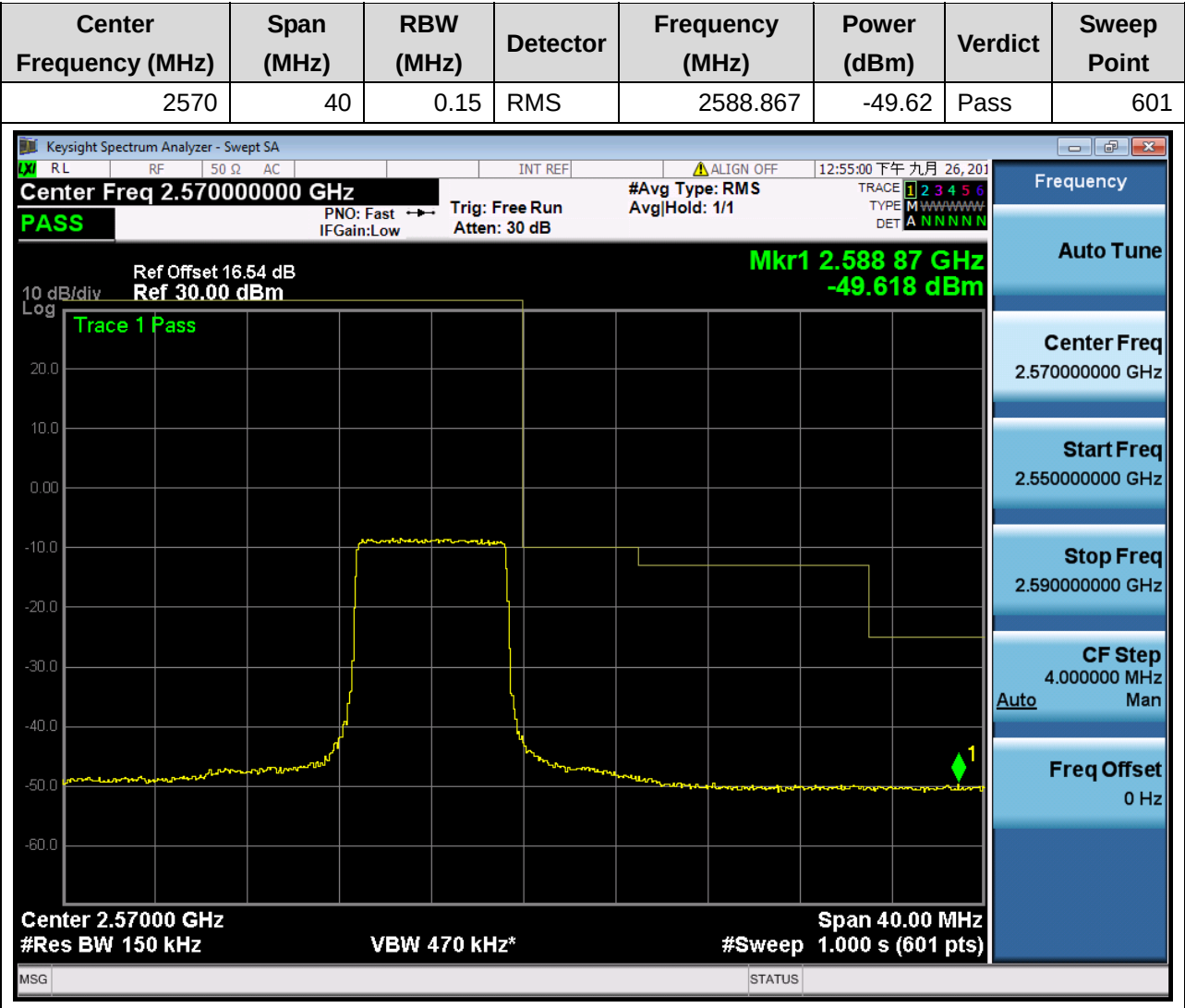
1.77. LTE Band Edge(NTNV)(Subtest:77, Channel:21375, Bandwidth:15, Modulation:QPSK, RB Number: 36, RB Position:LOW)



1.78. LTE Band Edge(NTNV)(Subtest:78, Channel:21375, Bandwidth:15, Modulation:QPSK, RB Number: 36, RB Position:MID)

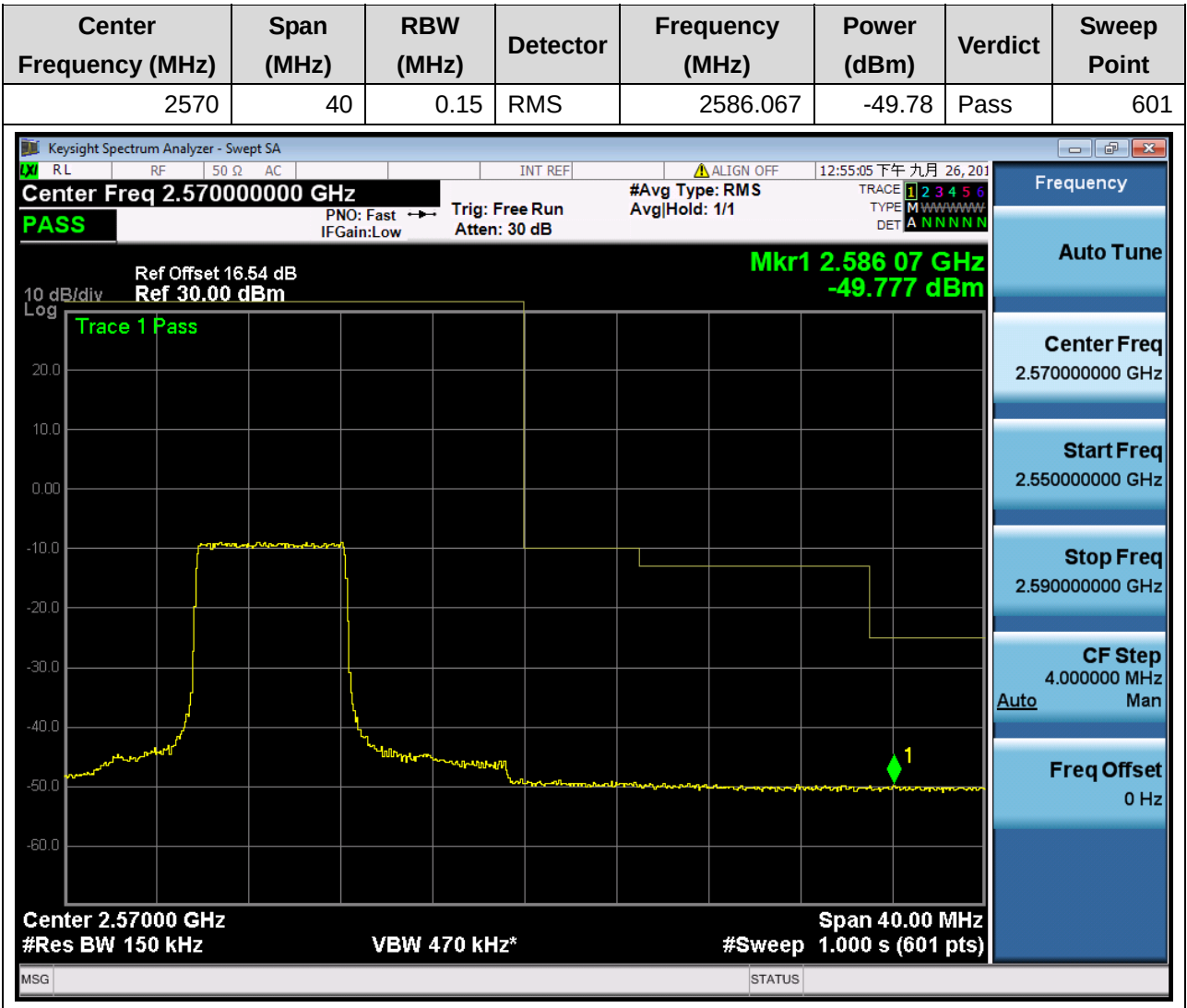


1.79. LTE Band Edge(NTNV)(Subtest:79, Channel:21375, Bandwidth:15, Modulation:QPSK, RB Number: 36, RB Position:HIGH)

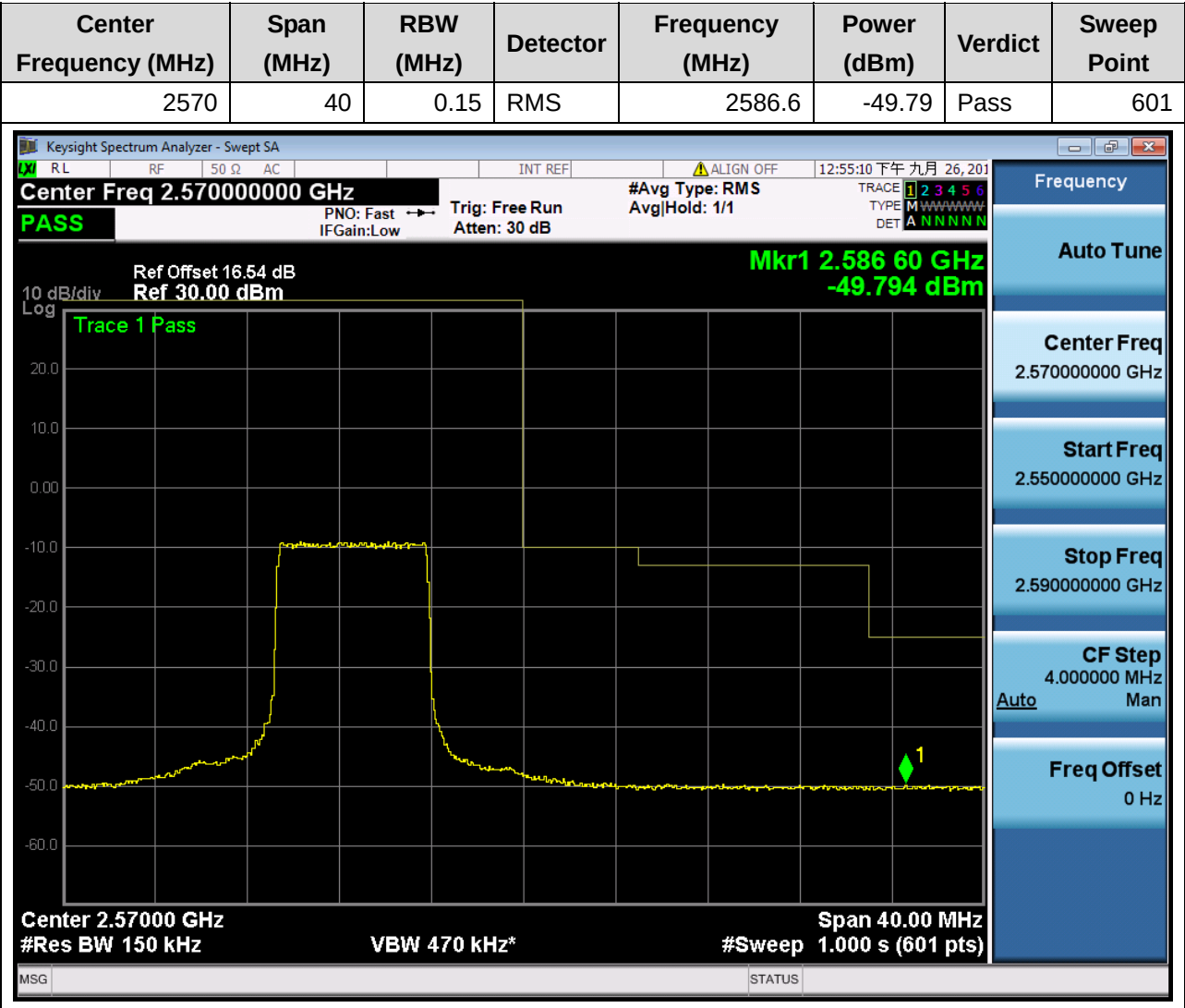




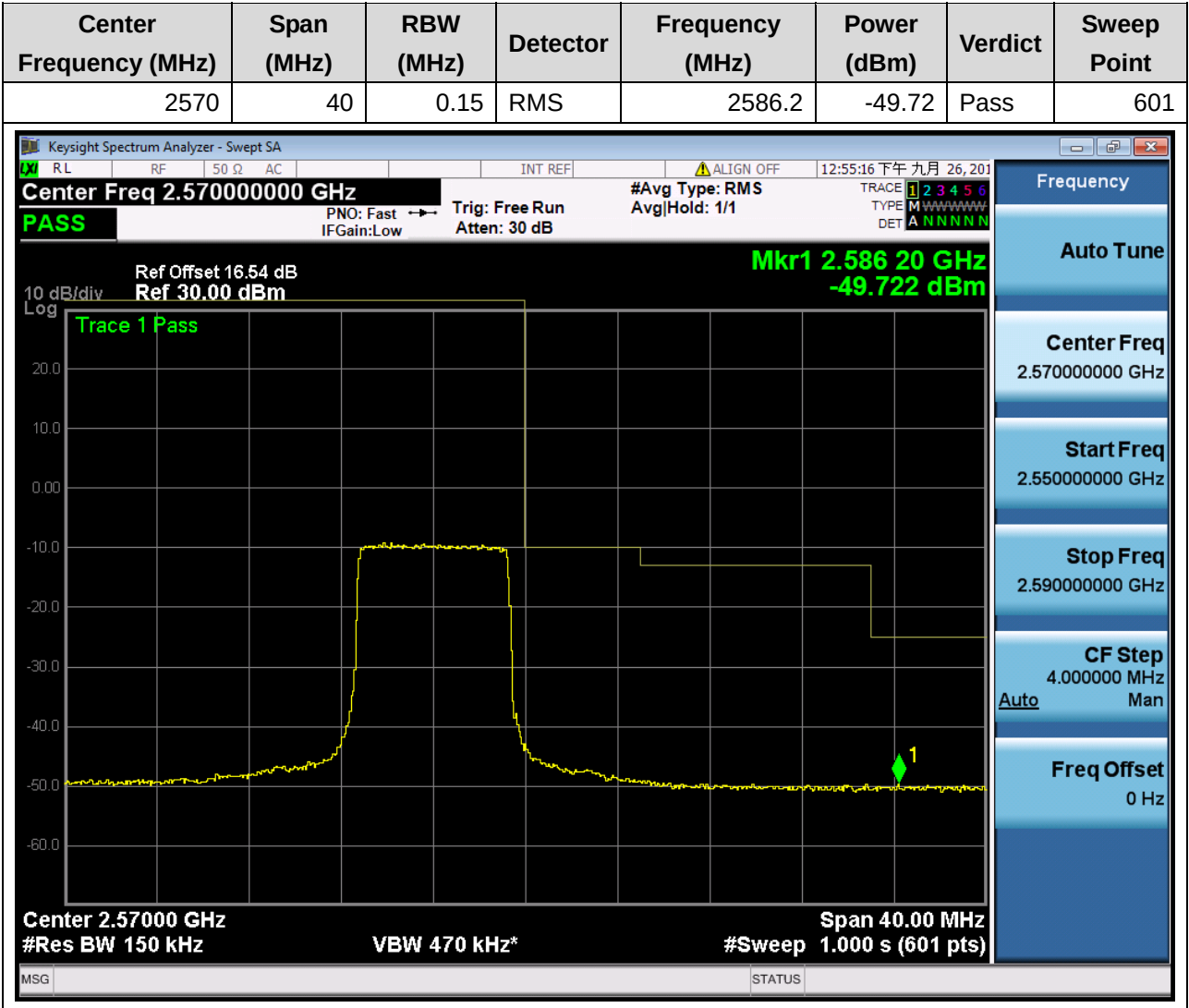
1.80. LTE Band Edge(NTNV)(Subtest:80, Channel:21375, Bandwidth:15, Modulation:Q16, RB Number: 36, RB Position:LOW)



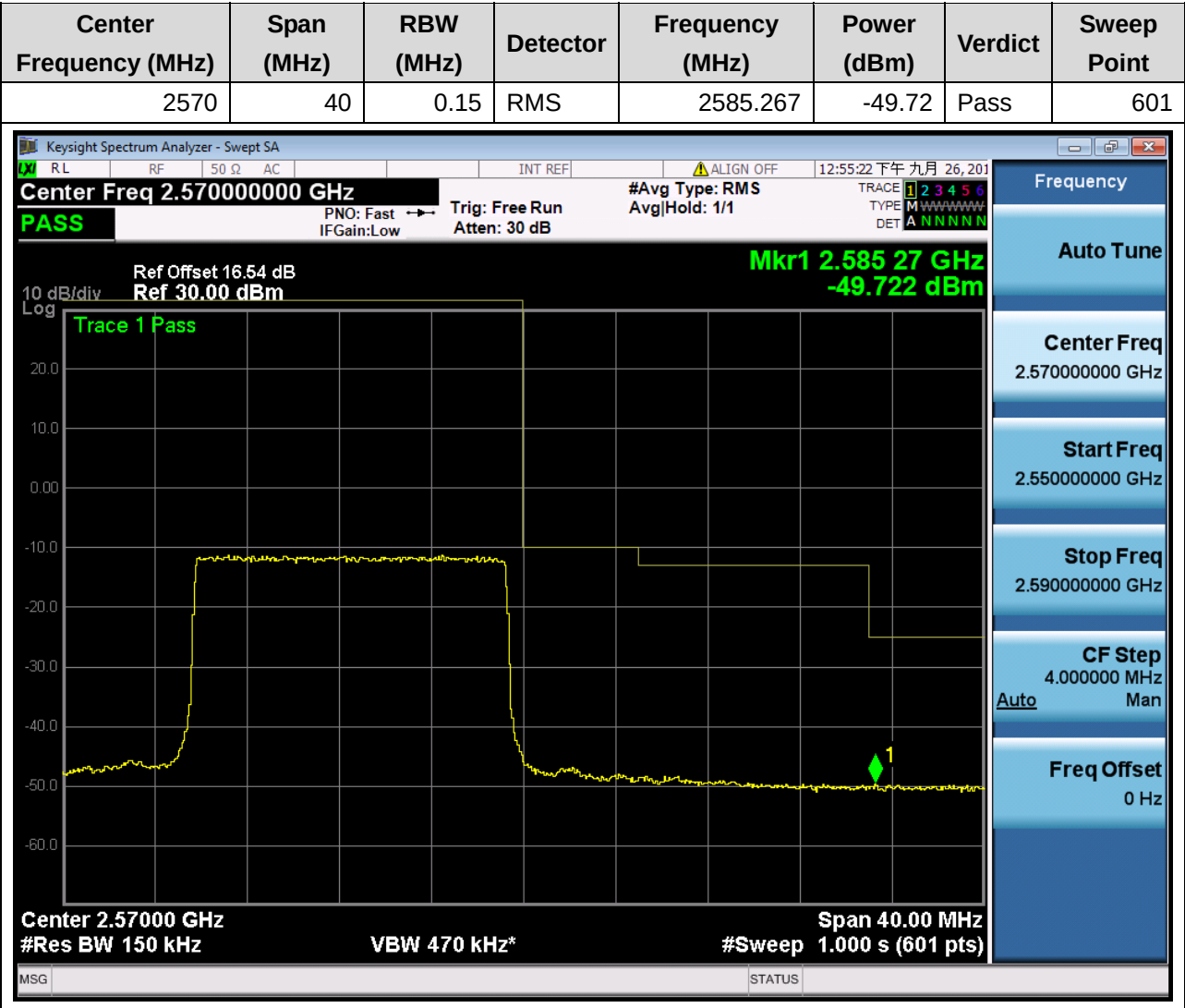
1.81. LTE Band Edge(NTNV)(Subtest:81, Channel:21375, Bandwidth:15, Modulation:Q16, RB Number: 36, RB Position:MID)



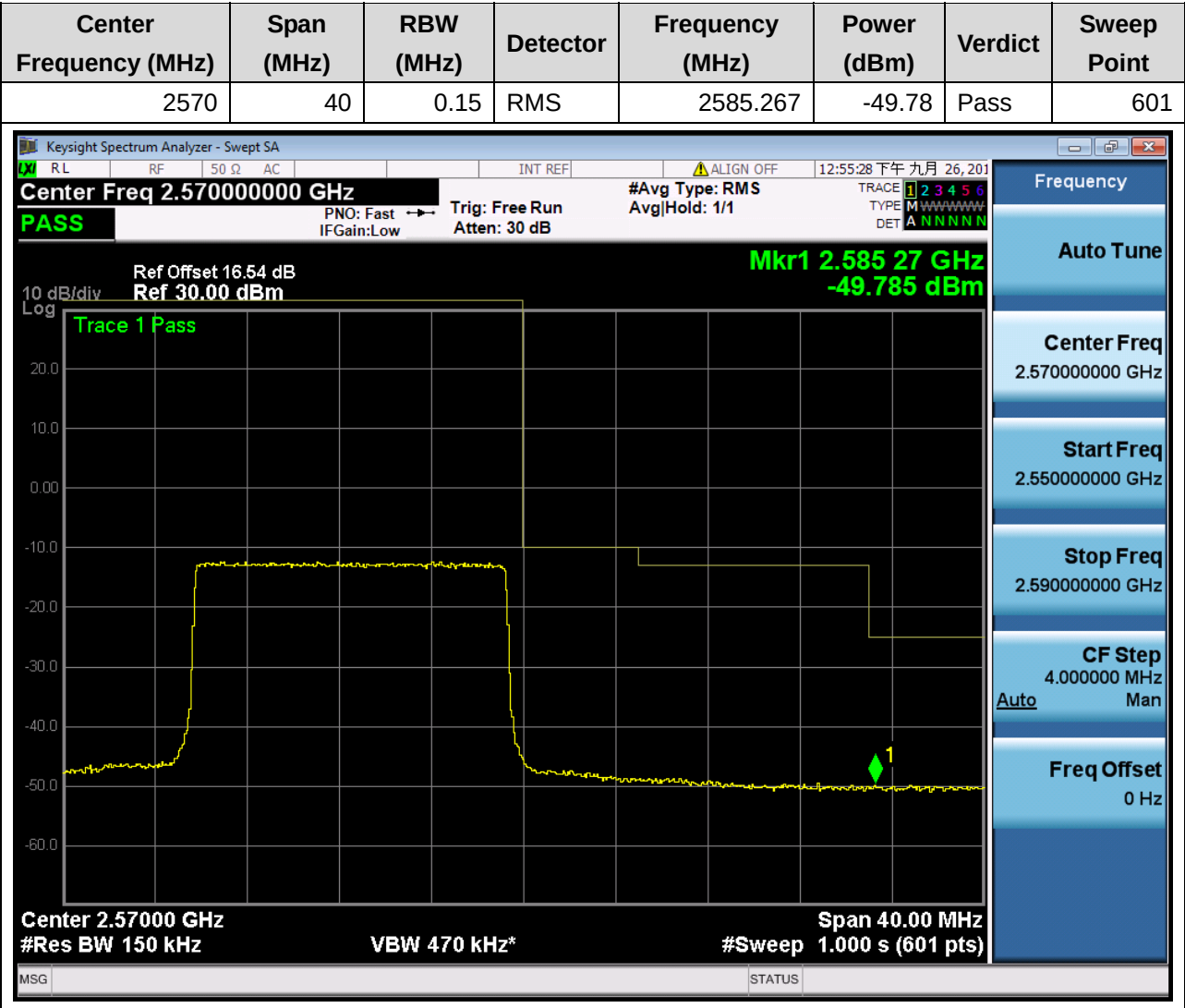
1.82. LTE Band Edge(NTNV)(Subtest:82, Channel:21375, Bandwidth:15, Modulation:Q16, RB Number: 36, RB Position:HIGH)



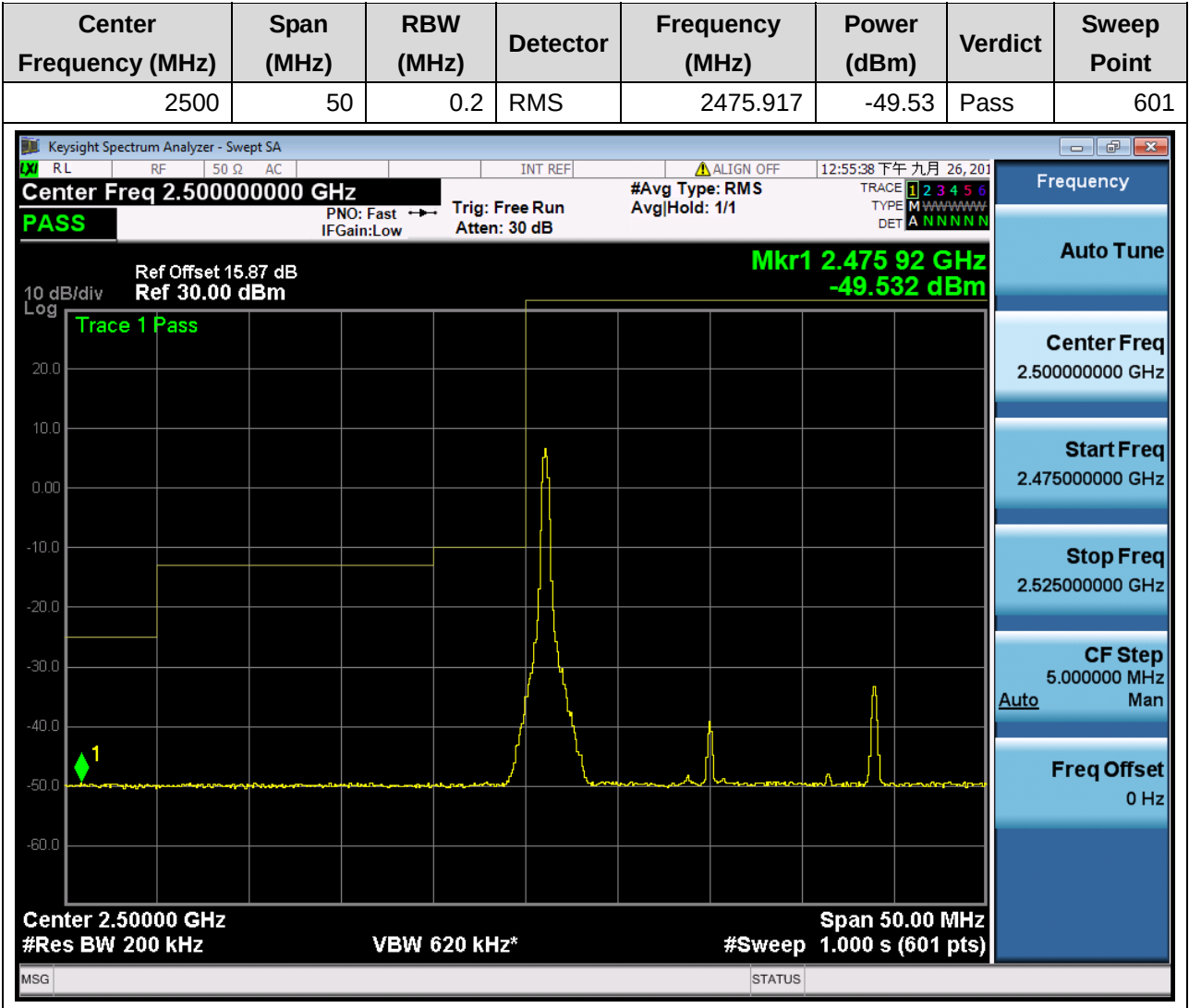
1.83. LTE Band Edge(NTNV)(Subtest:83, Channel:21375, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)



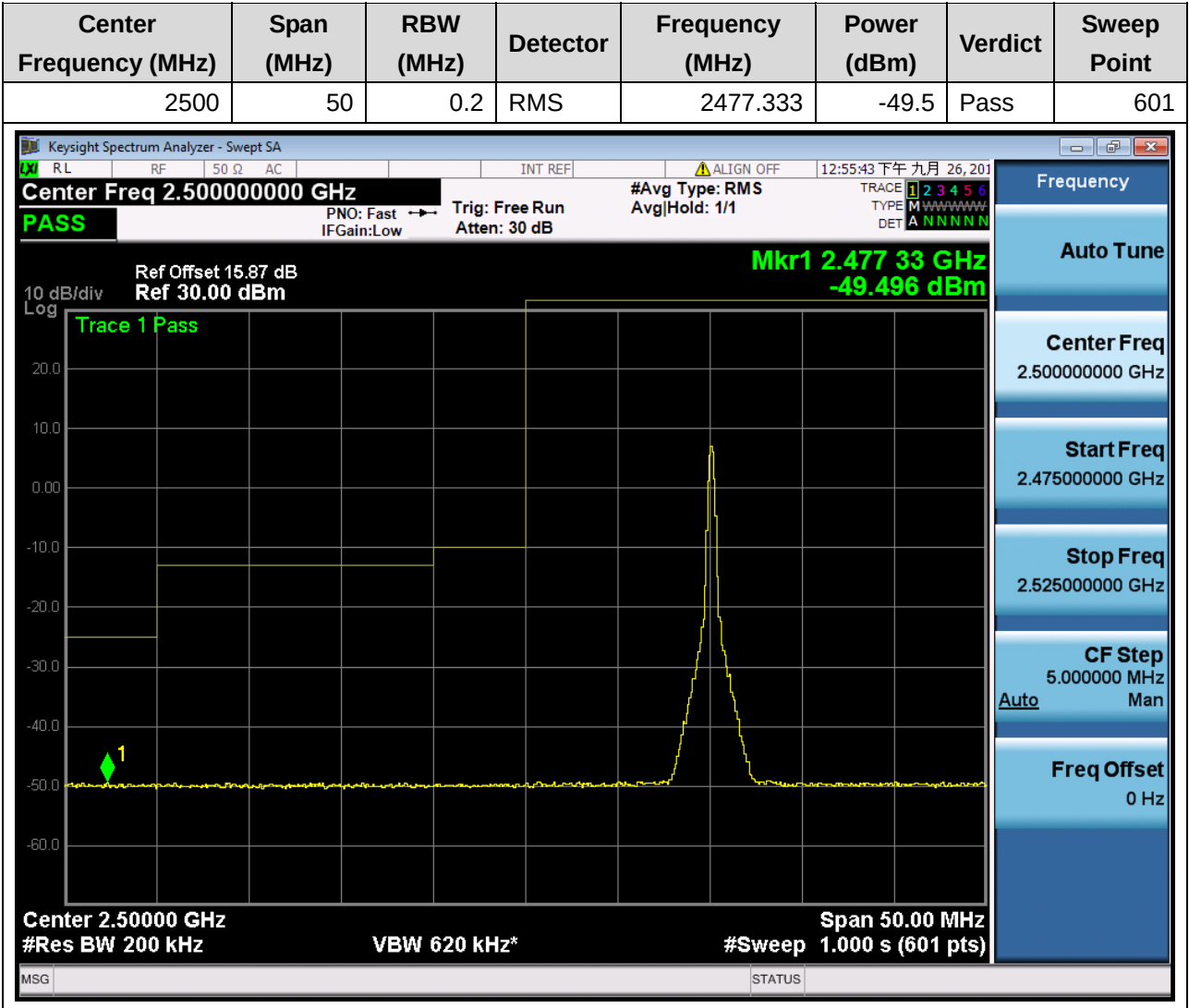
1.84. LTE Band Edge(NTNV)(Subtest:84, Channel:21375, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)



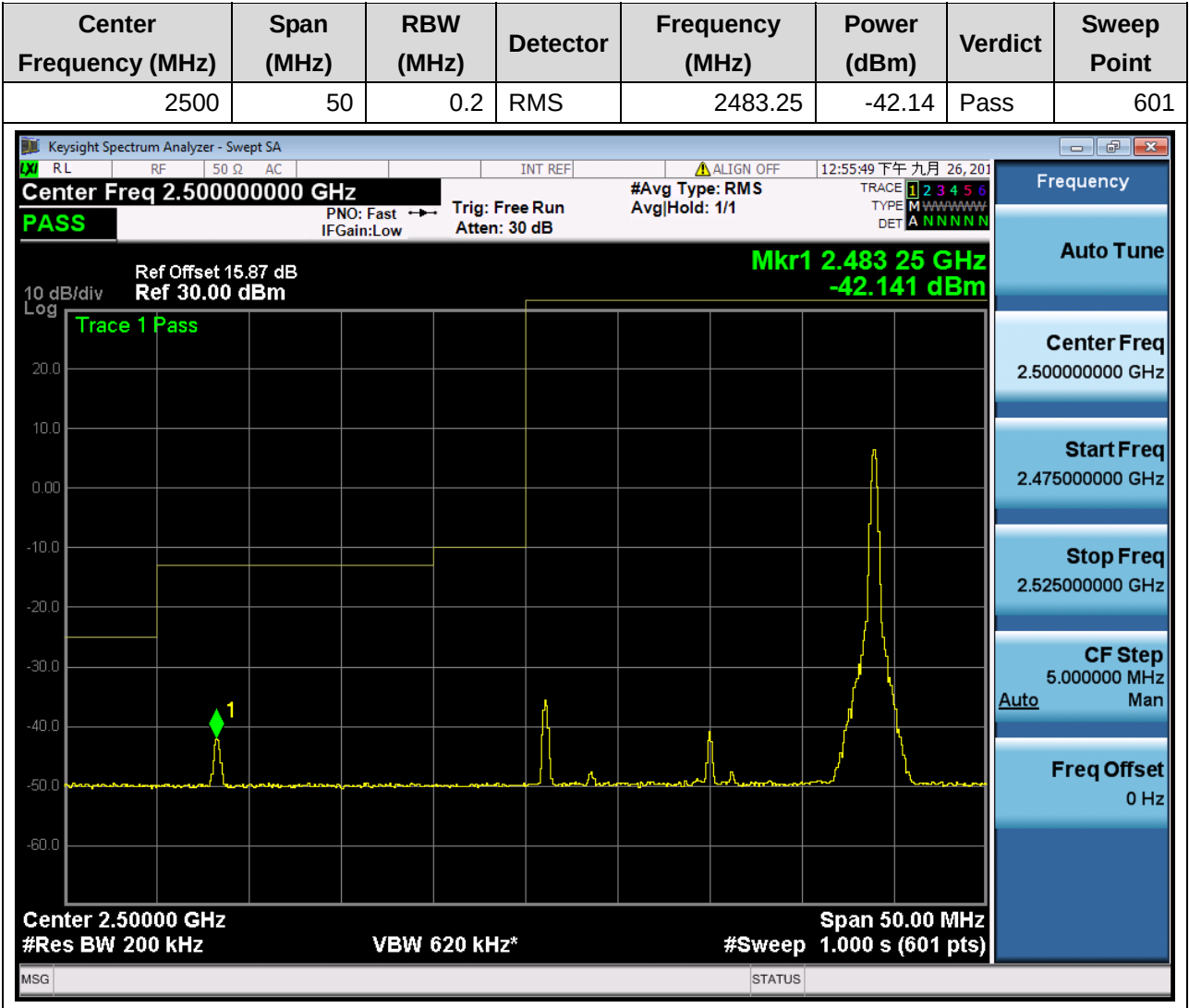
1.85. LTE Band Edge(NTNV)(Subtest:85, Channel:20850, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



1.86. LTE Band Edge(NTNV)(Subtest:86, Channel:20850, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:MID)

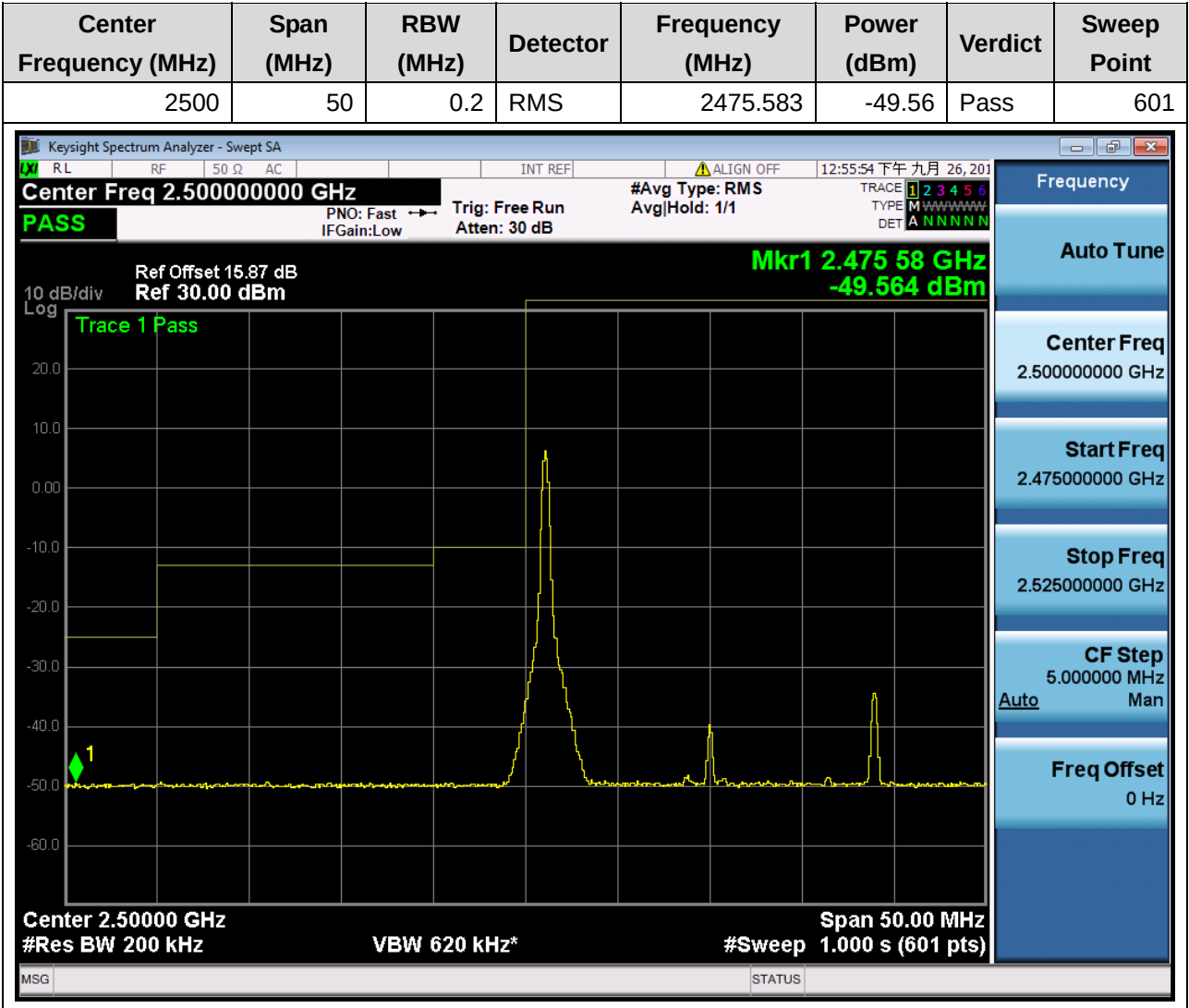


1.87. LTE Band Edge(NTNV)(Subtest:87, Channel:20850, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

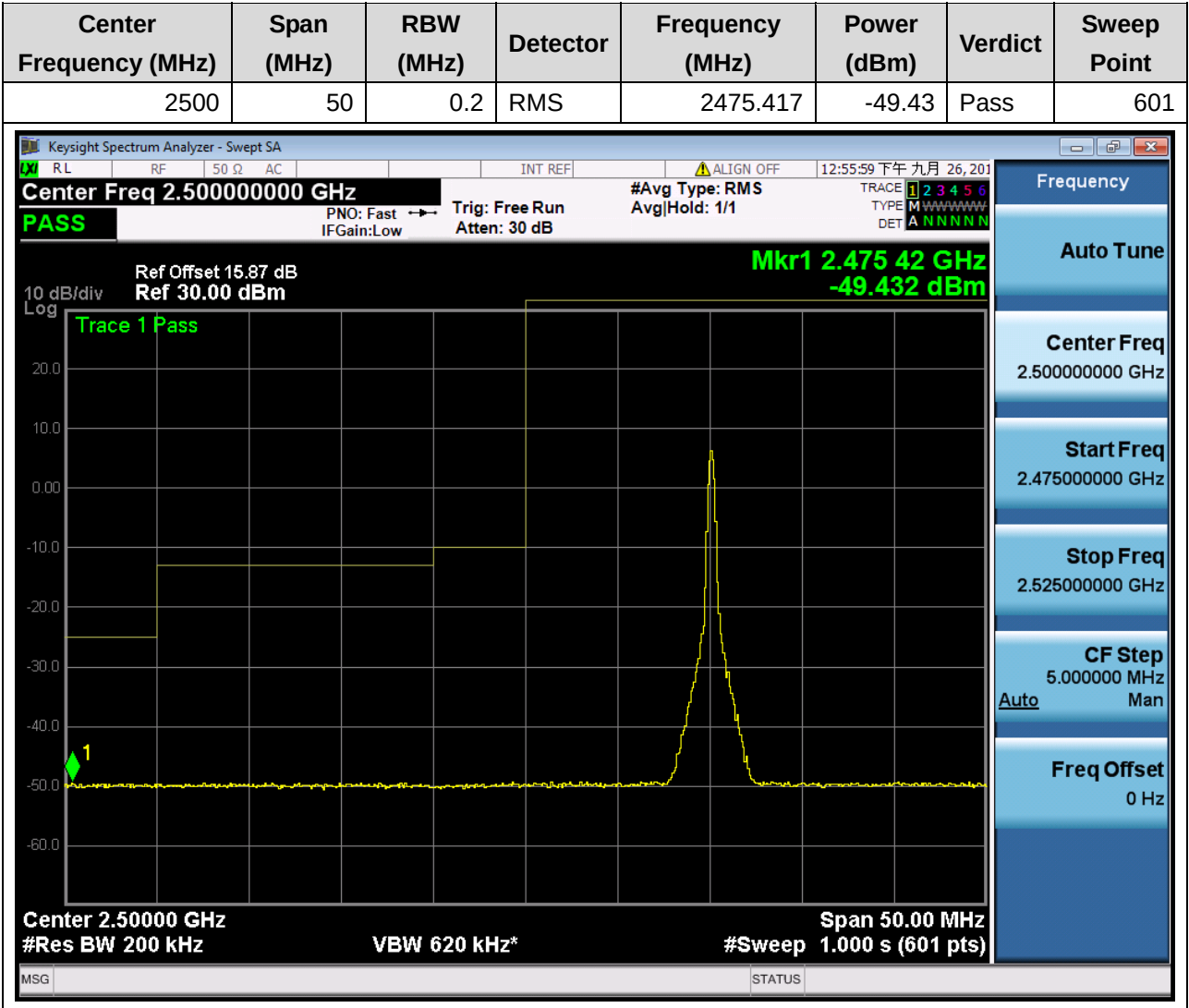




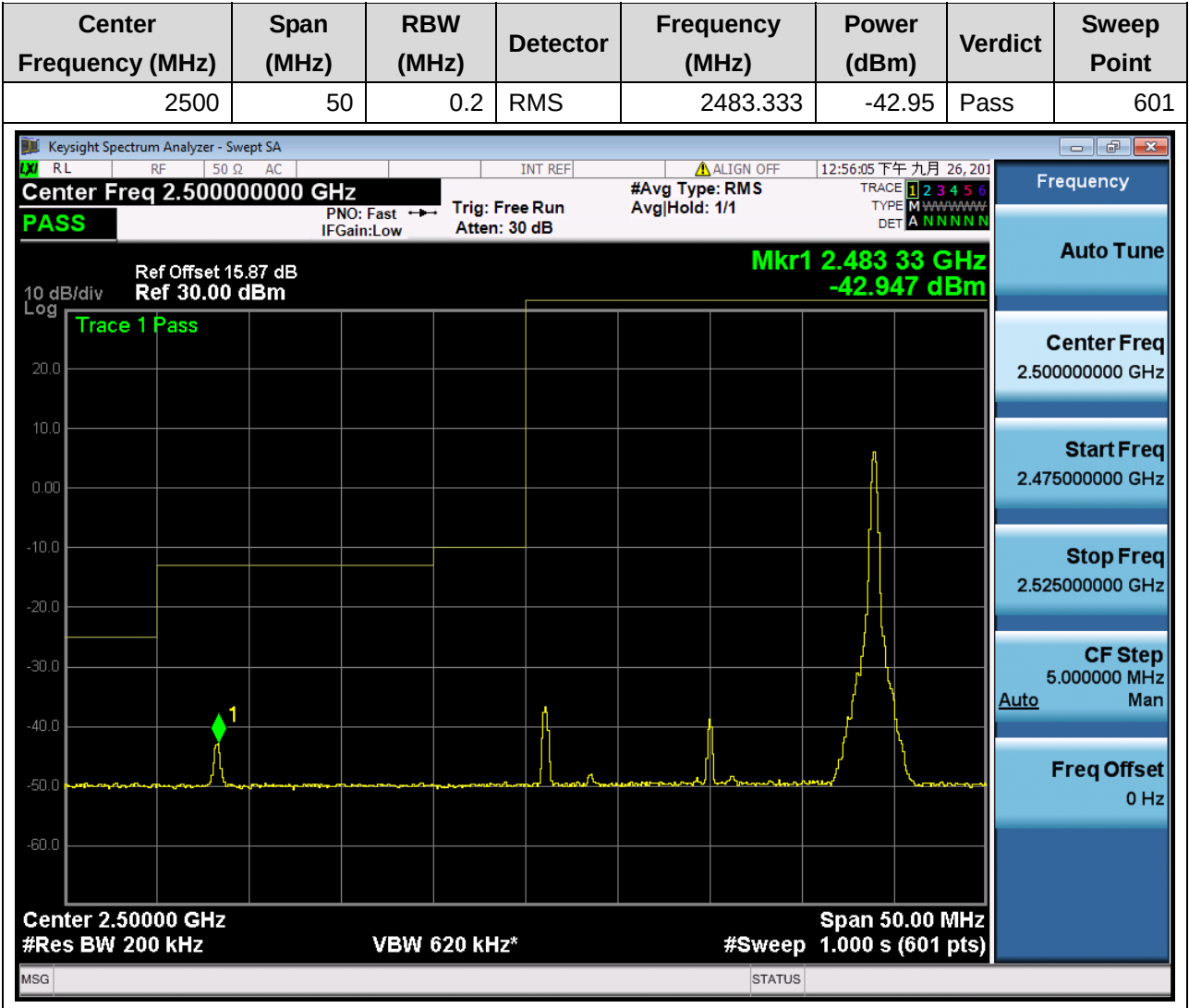
1.88. LTE Band Edge(NTNV)(Subtest:88, Channel:20850, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



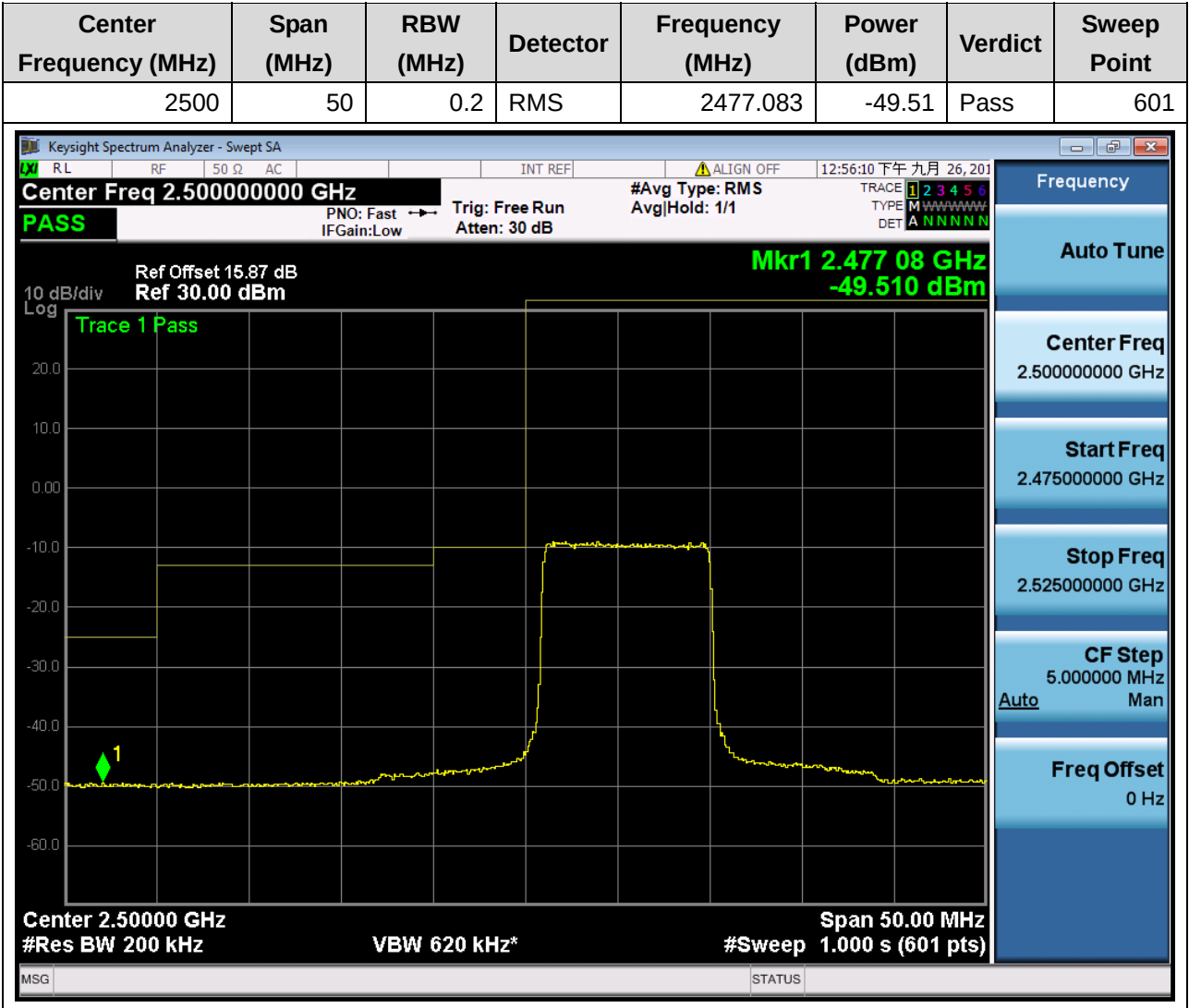
1.89. LTE Band Edge(NTNV)(Subtest:89, Channel:20850, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:MID)



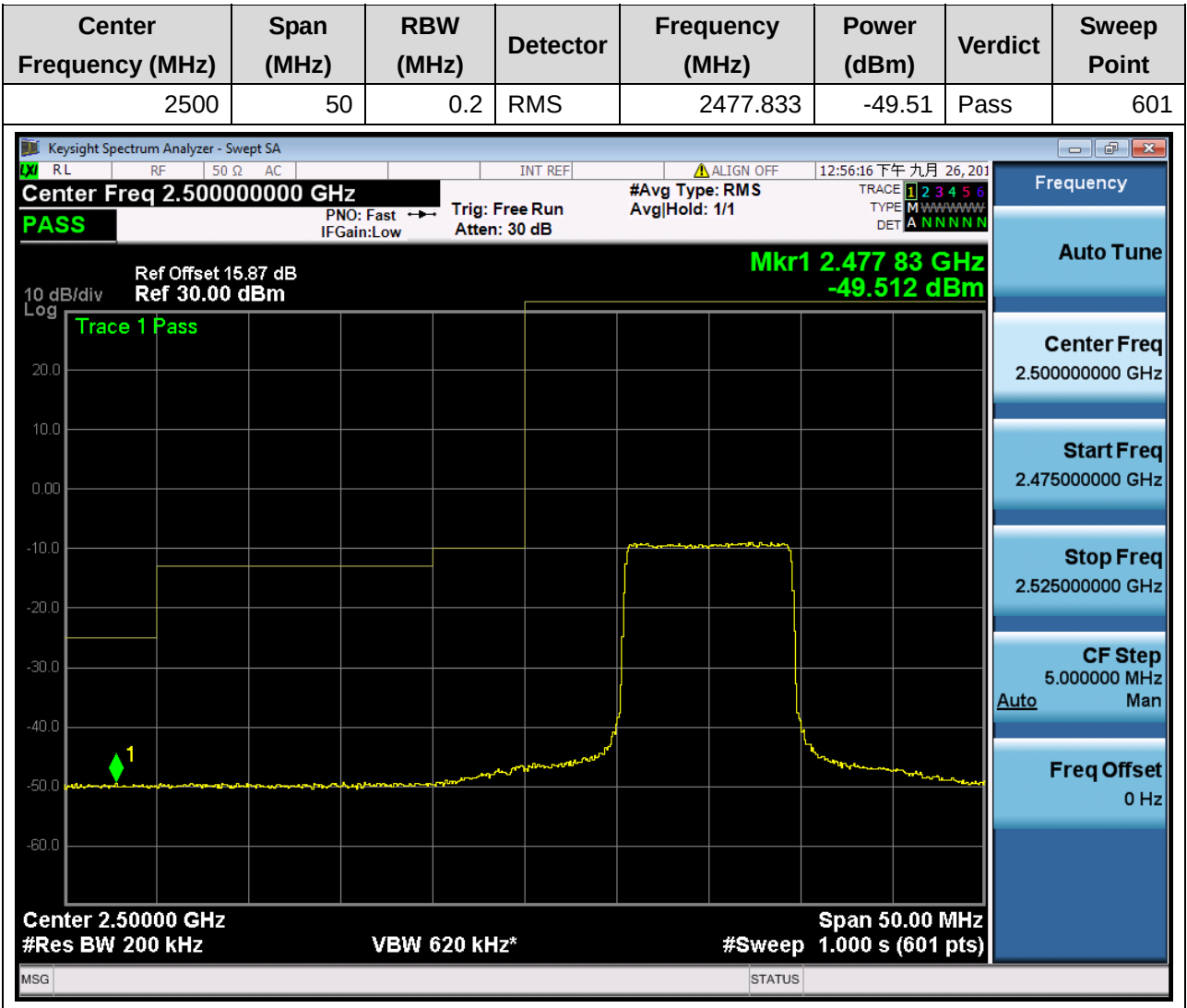
1.90. LTE Band Edge(NTNV)(Subtest:90, Channel:20850, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:HIGH)



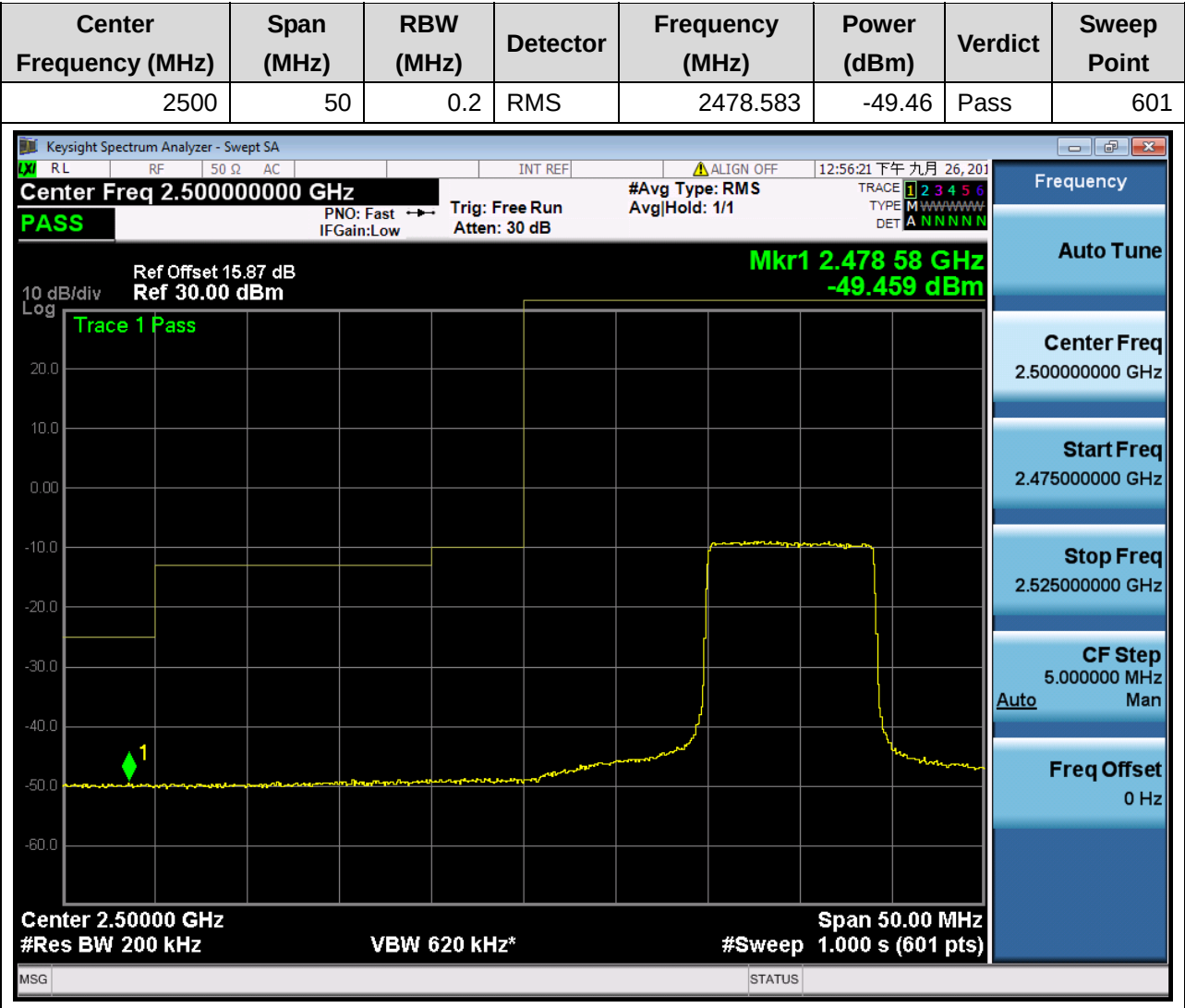
1.91. LTE Band Edge(NTNV)(Subtest:91, Channel:20850, Bandwidth:20, Modulation:QPSK, RB Number: 50, RB Position:LOW)



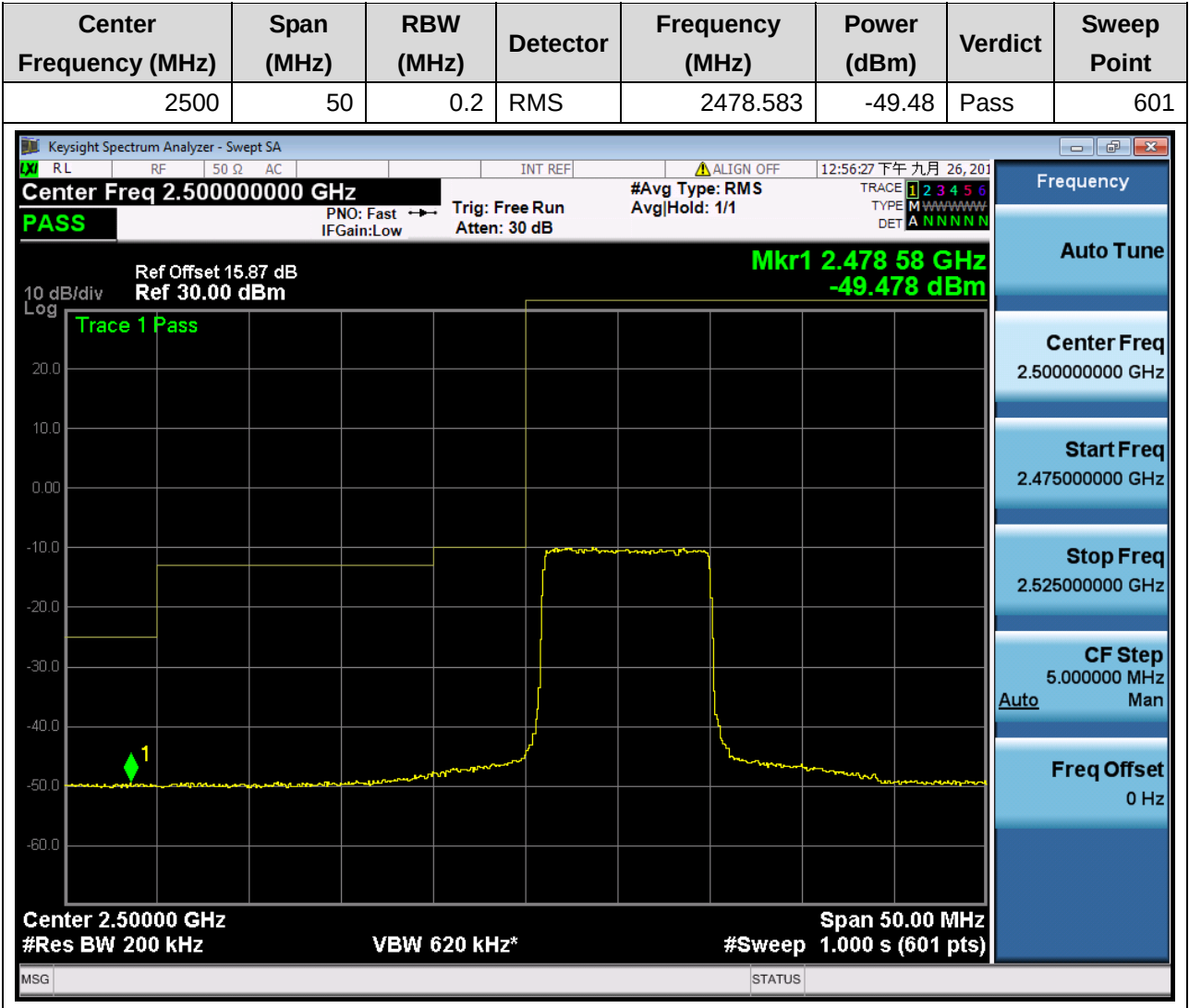
1.92. LTE Band Edge(NTNV)(Subtest:92, Channel:20850, Bandwidth:20, Modulation:QPSK, RB Number: 50, RB Position:MID)



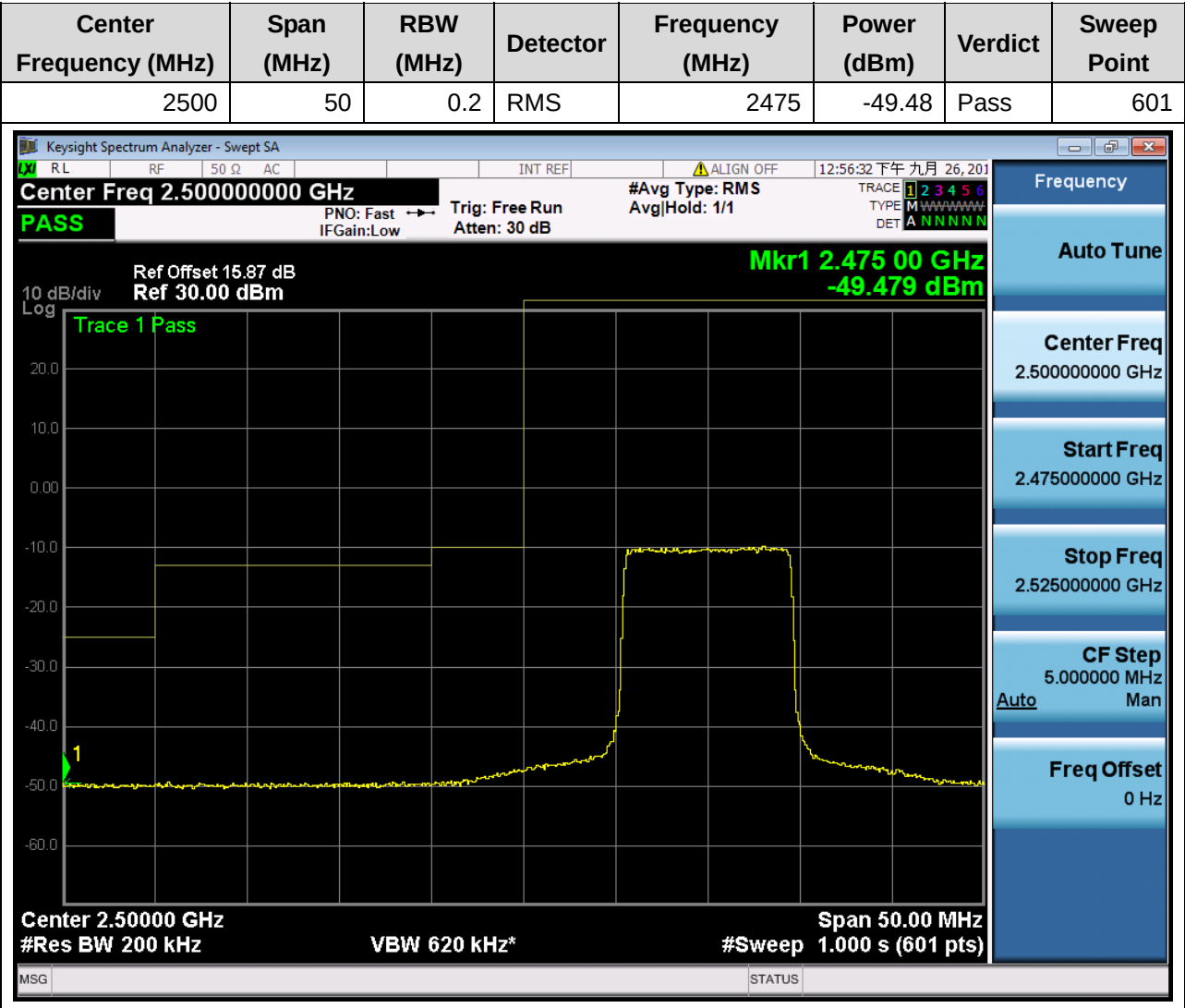
1.93. LTE Band Edge(NTNV)(Subtest:93, Channel:20850, Bandwidth:20, Modulation:QPSK, RB Number: 50, RB Position:HIGH)



1.94. LTE Band Edge(NTNV)(Subtest:94, Channel:20850, Bandwidth:20, Modulation:Q16, RB Number: 50, RB Position:LOW)

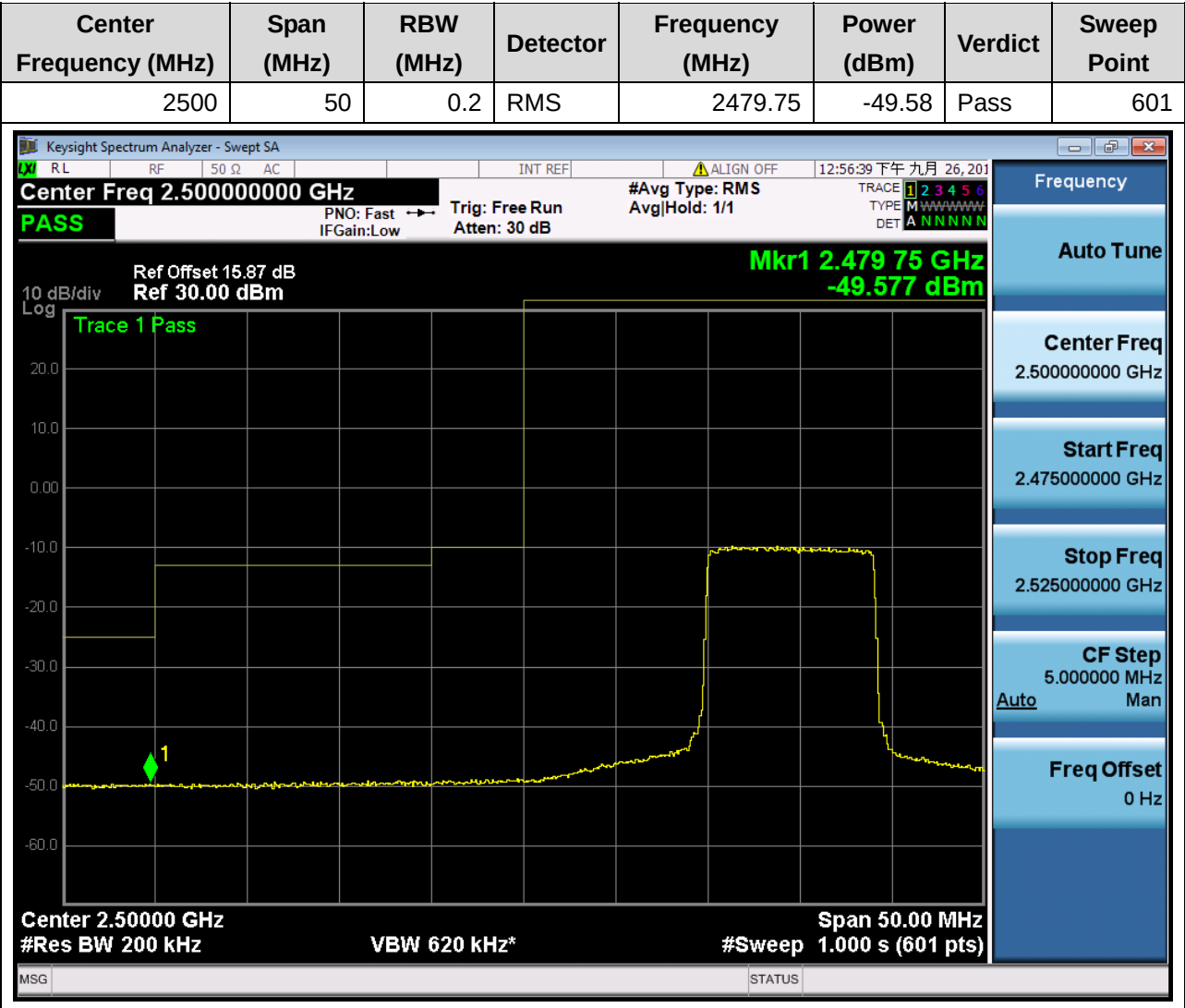


1.95. LTE Band Edge(NTNV)(Subtest:95, Channel:20850, Bandwidth:20, Modulation:Q16, RB Number: 50, RB Position:MID)

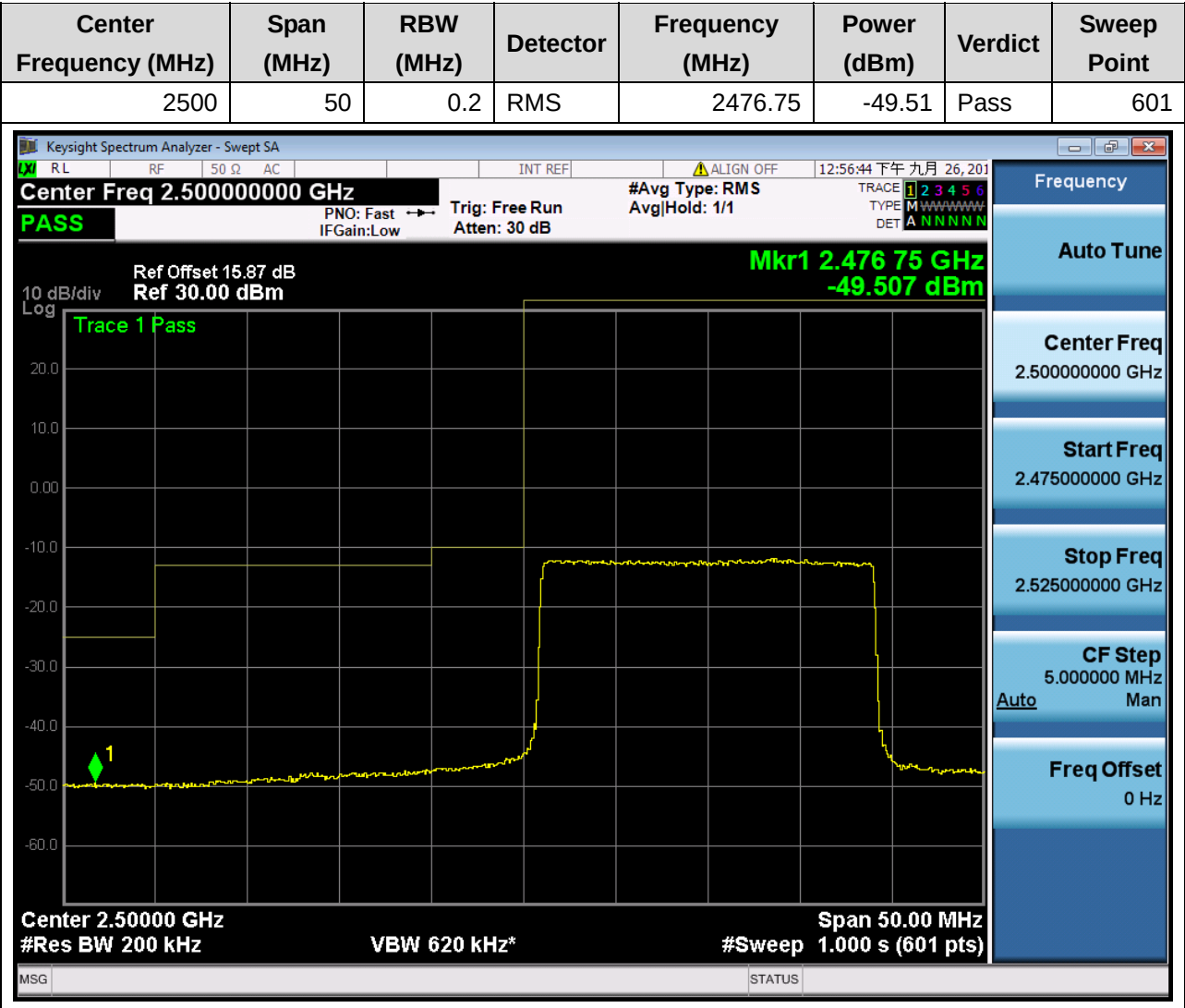




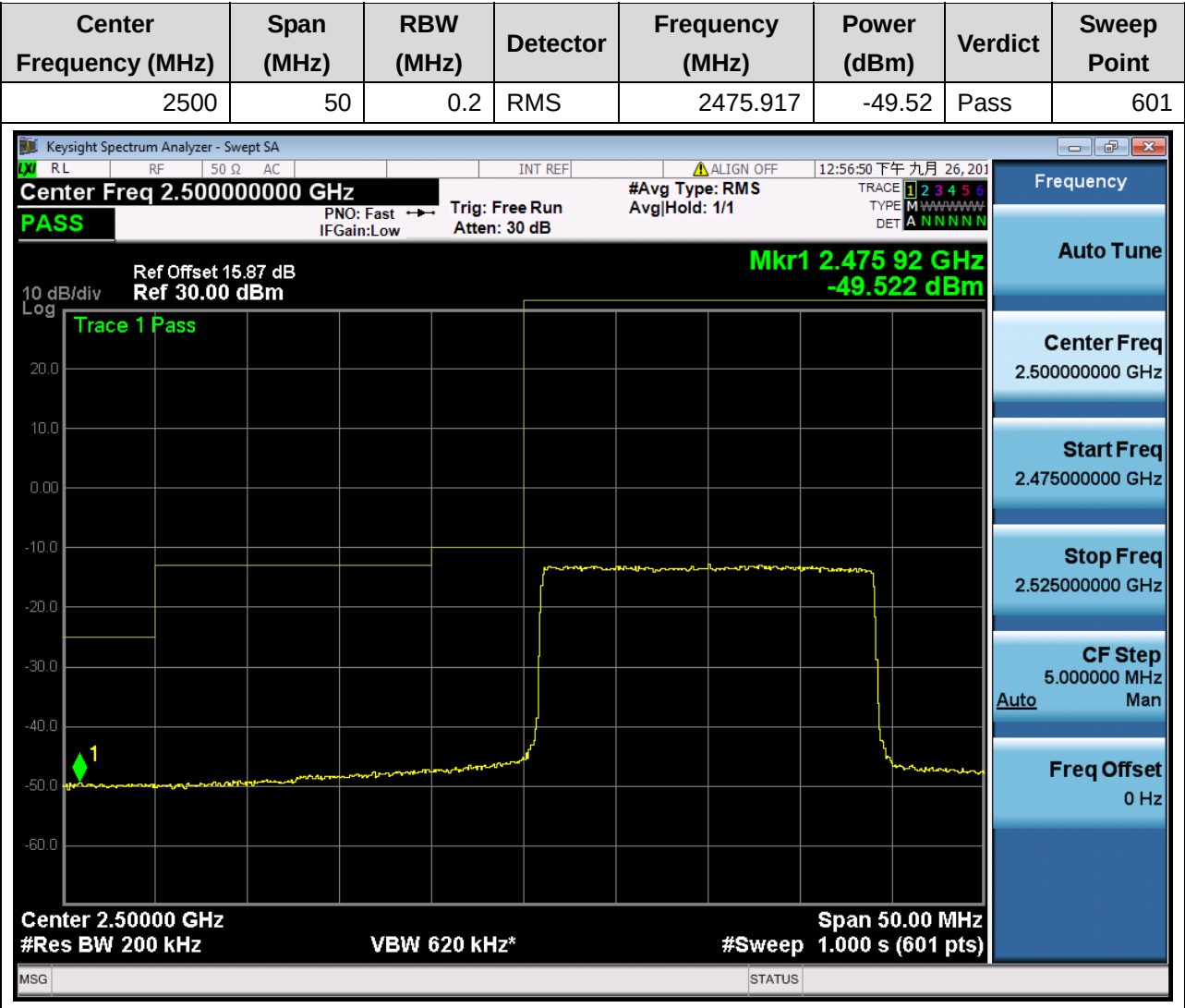
1.96. LTE Band Edge(NTNV)(Subtest:96, Channel:20850, Bandwidth:20, Modulation:Q16, RB Number: 50, RB Position:HIGH)



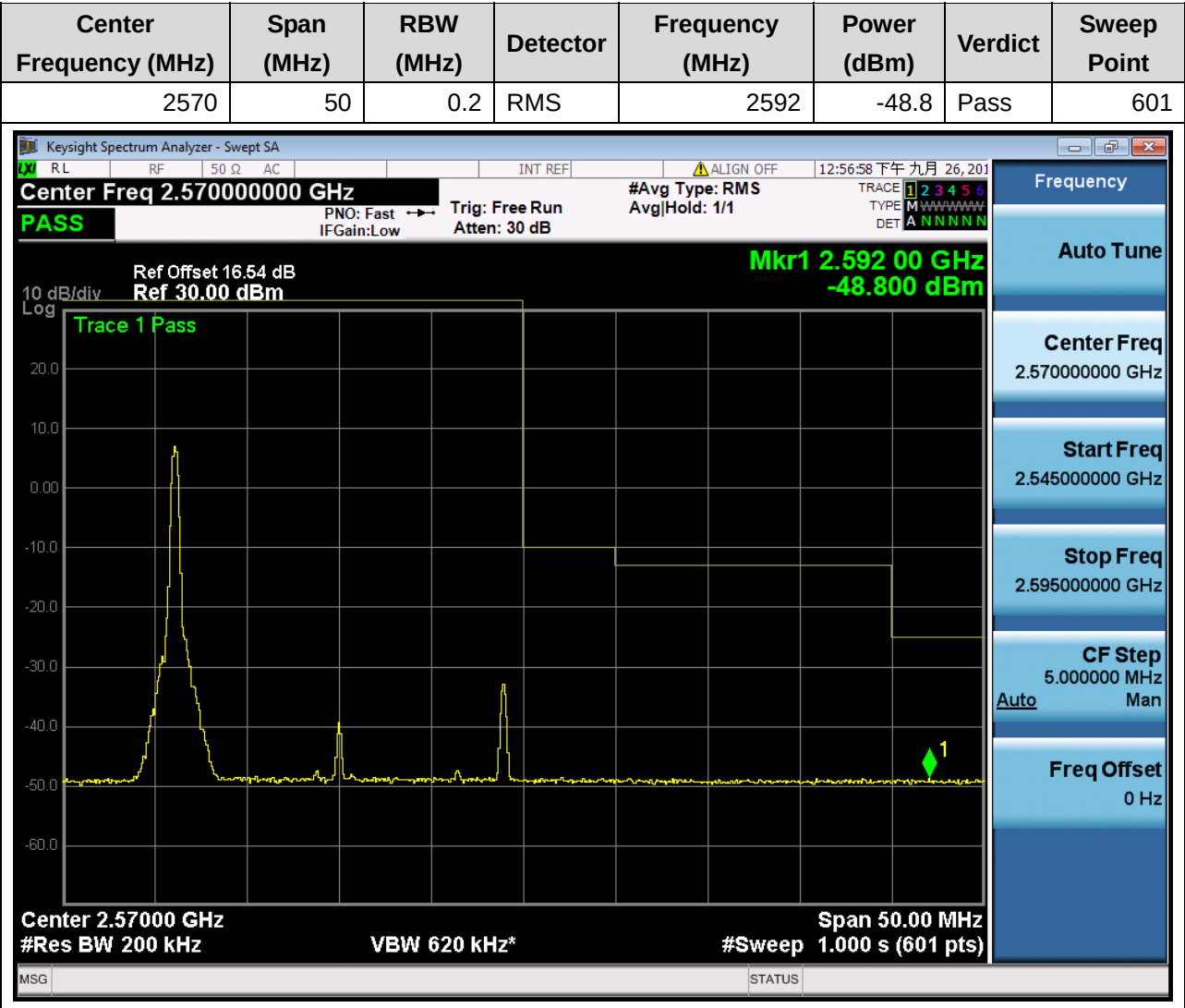
1.97. LTE Band Edge(NTNV)(Subtest:97, Channel:20850, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



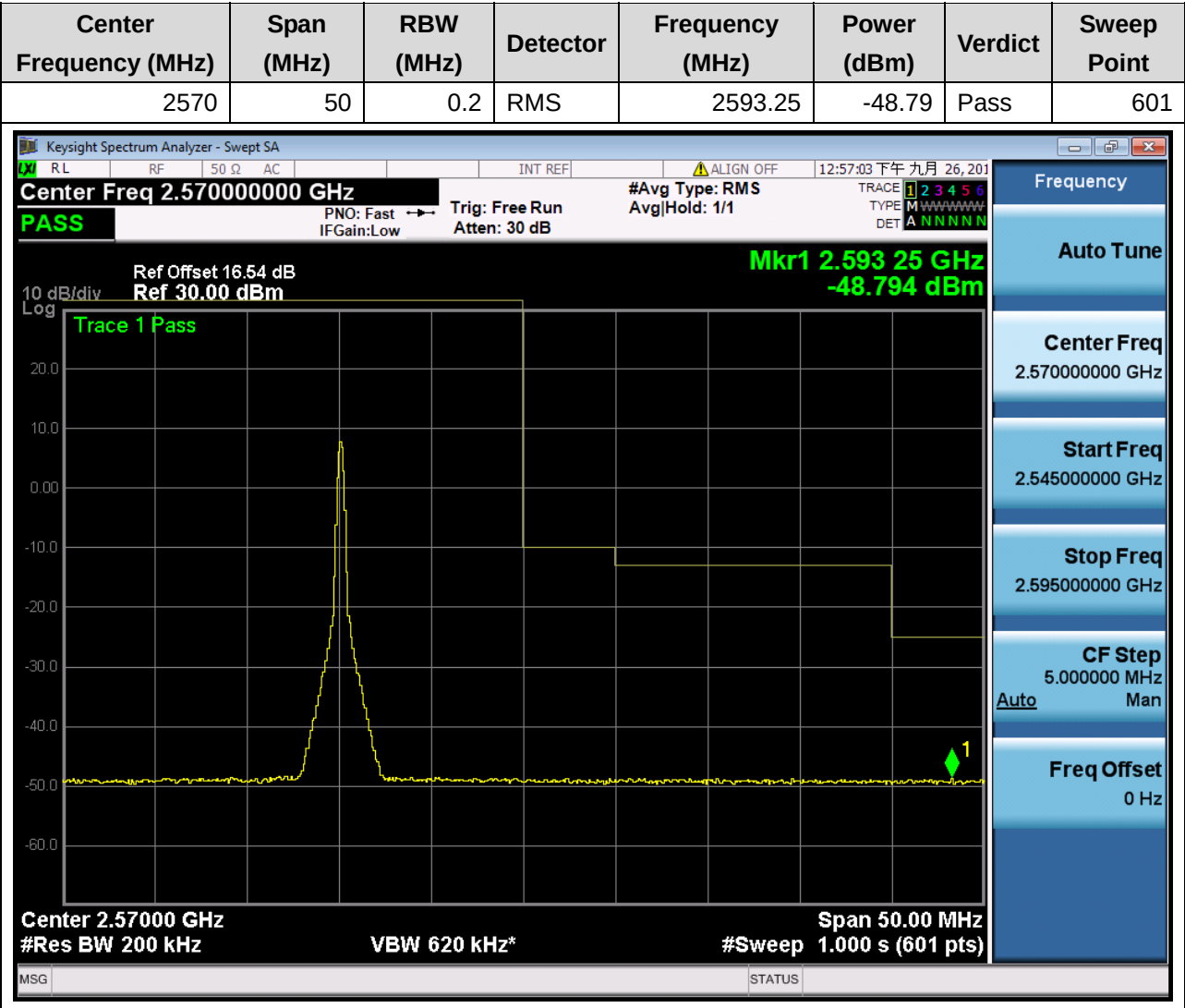
1.98. LTE Band Edge(NTNV)(Subtest:98, Channel:20850, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



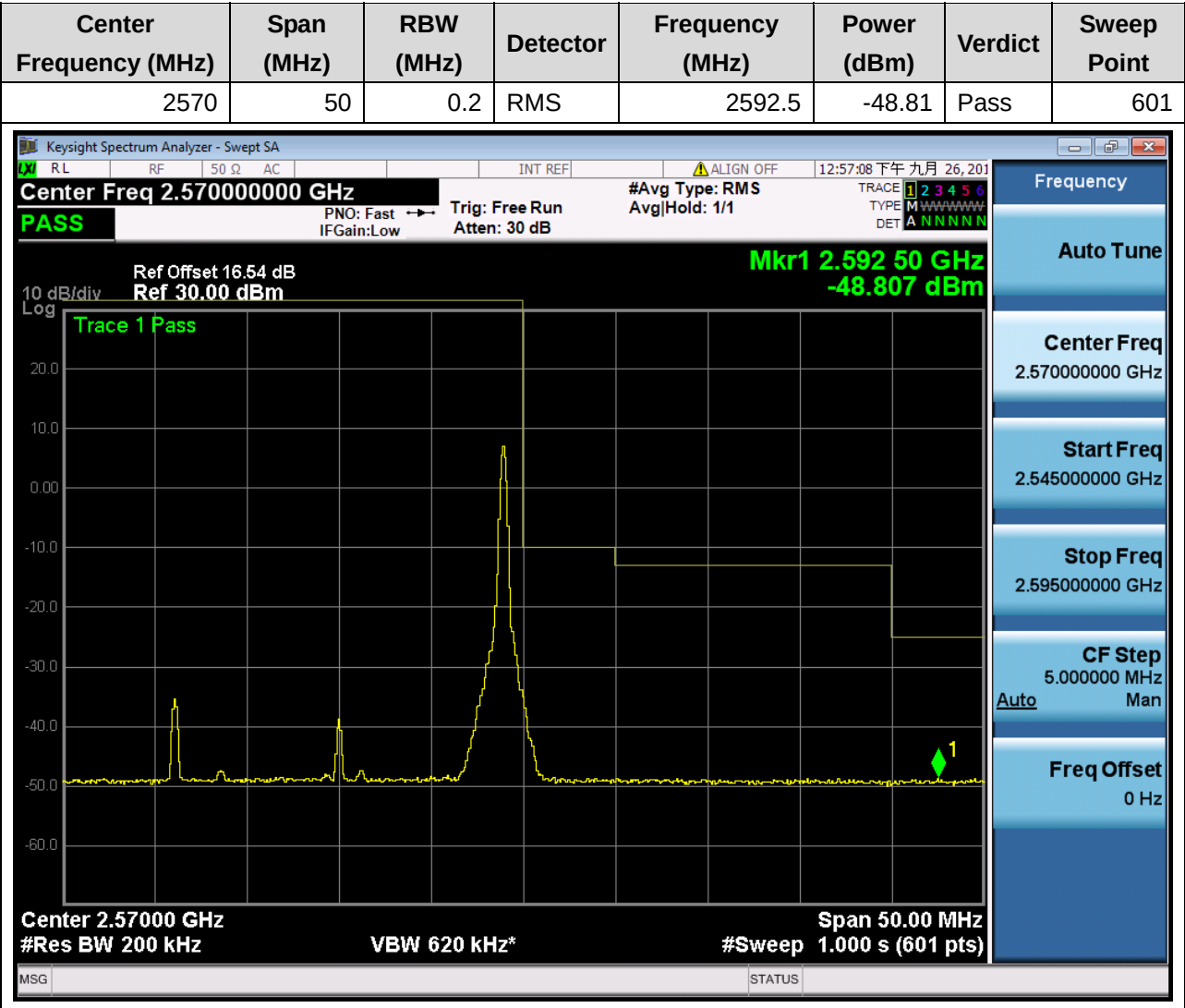
1.99. LTE Band Edge(NTNV)(Subtest:99, Channel:21350, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



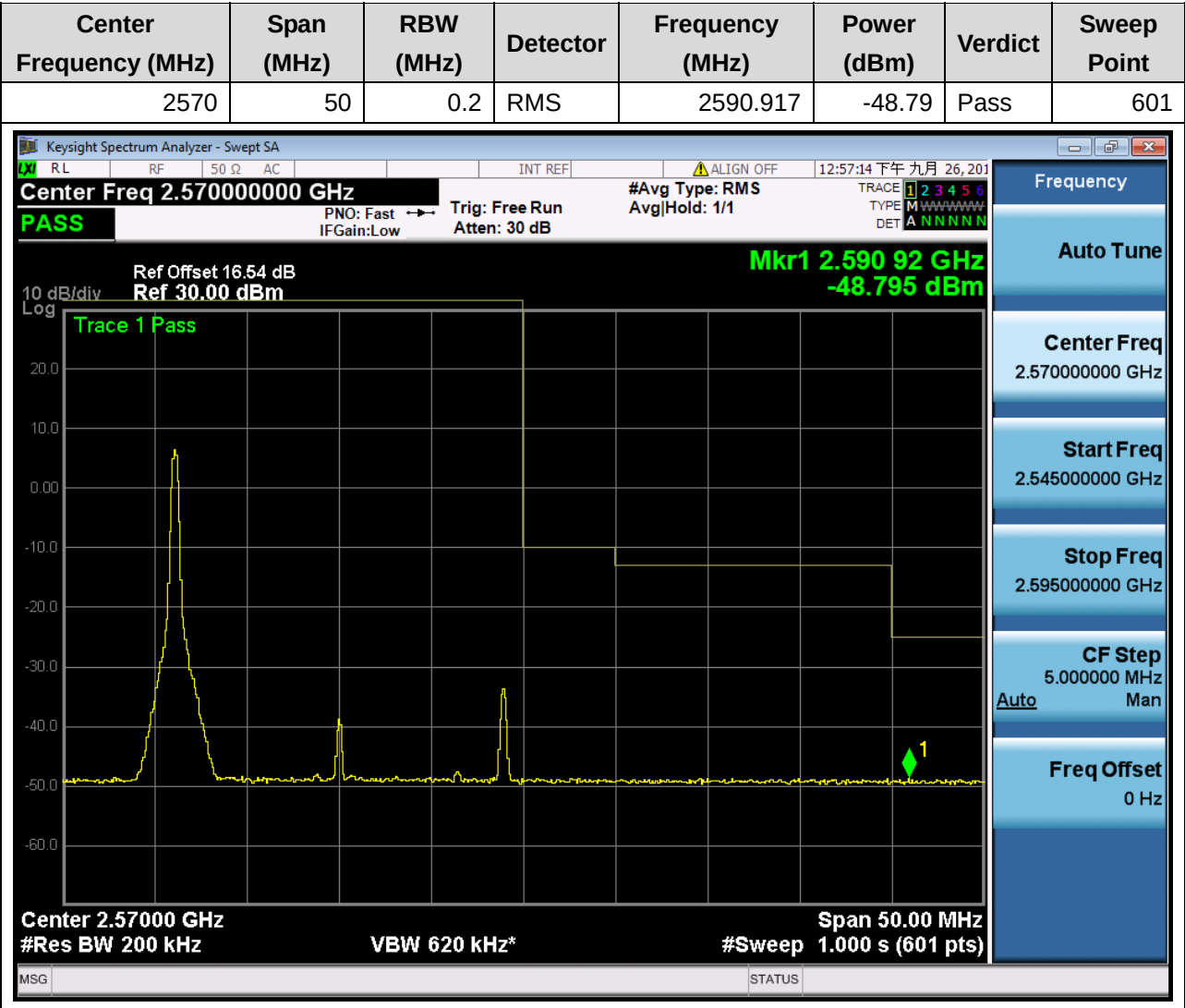
1.100. LTE Band Edge(NTNV)(Subtest:100, Channel:21350, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:MID)



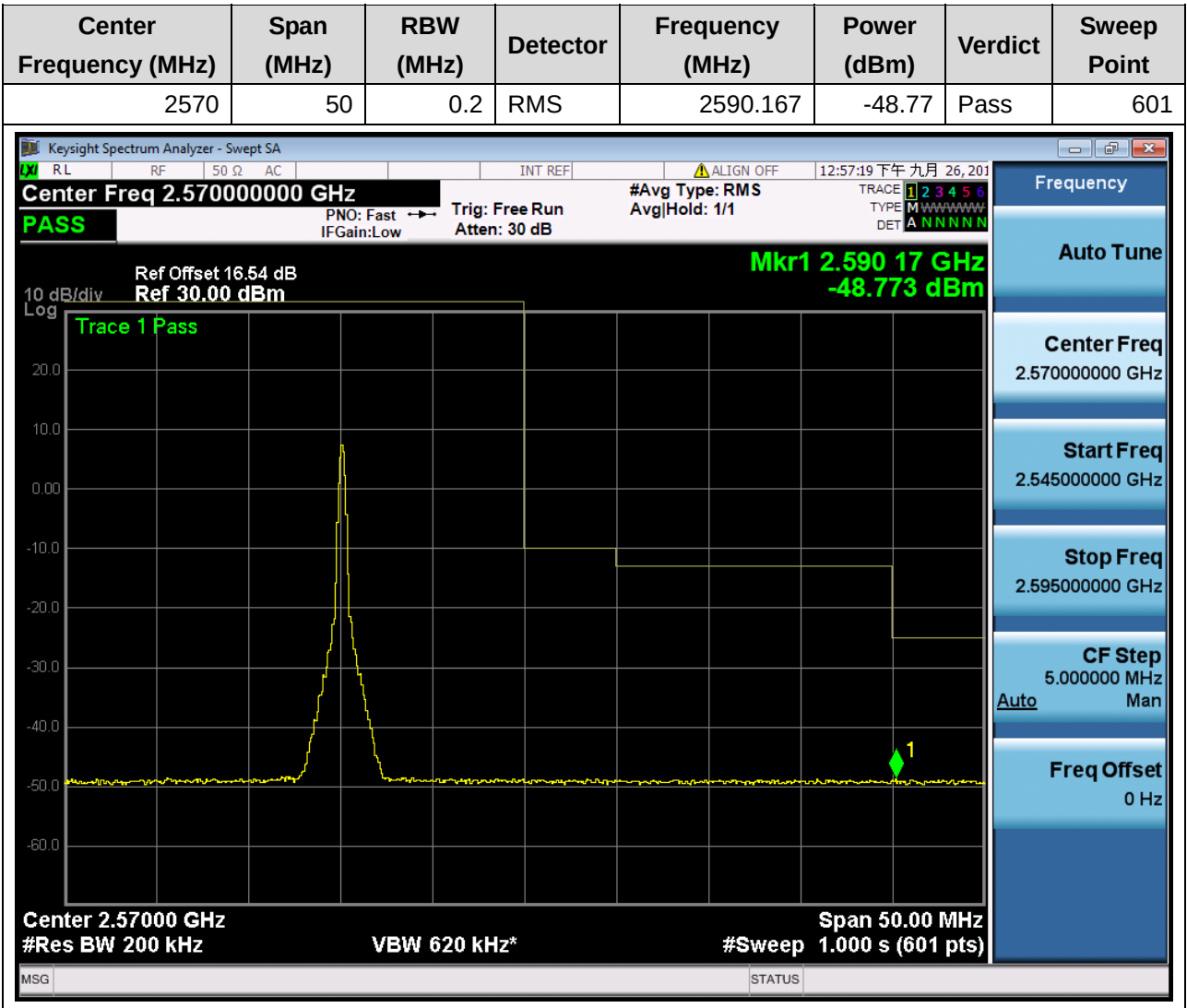
1.101. LTE Band Edge(NTNV)(Subtest:101, Channel:21350, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:HIGH)



1.102. LTE Band Edge(NTNV)(Subtest:102, Channel:21350, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

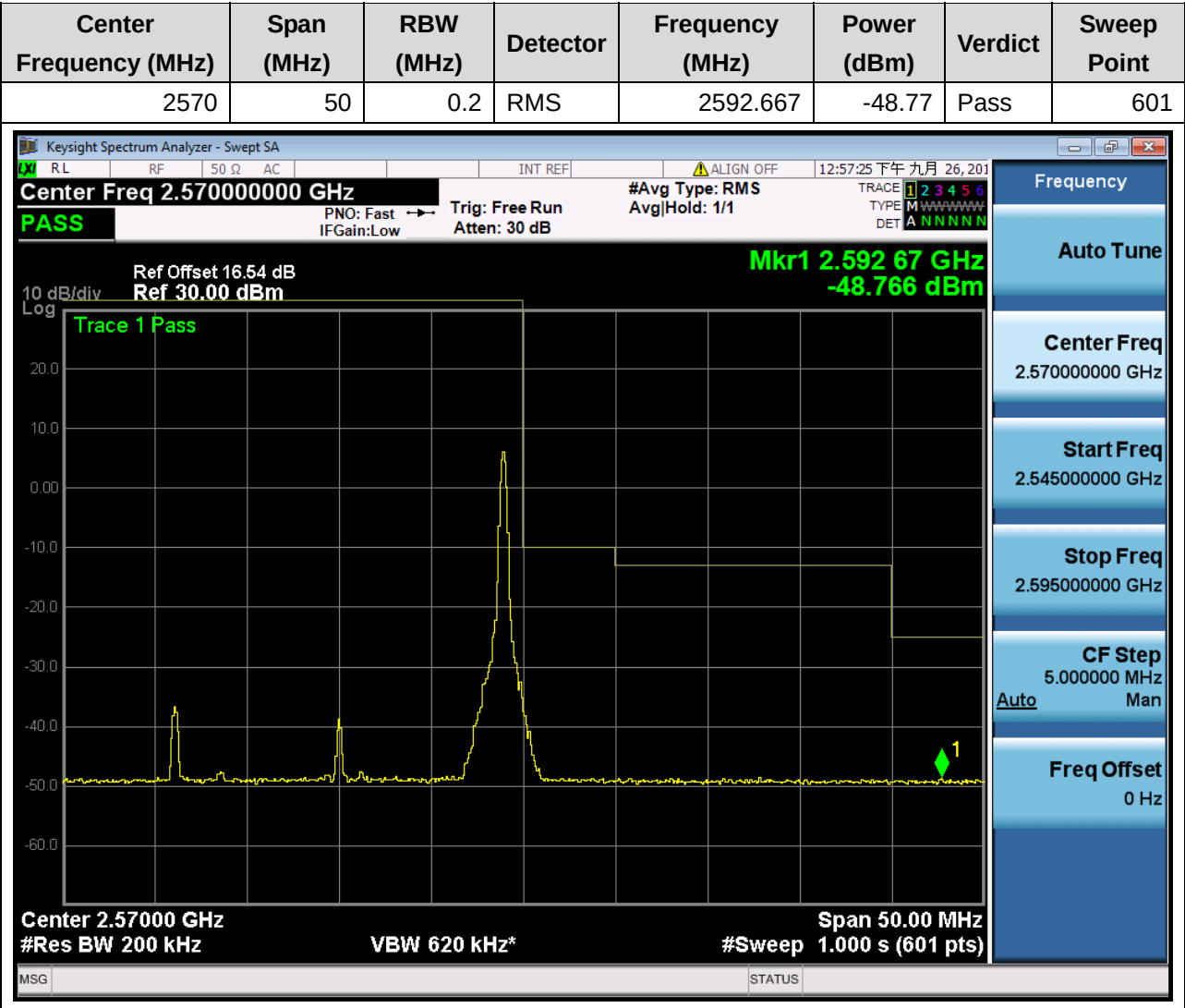


1.103. LTE Band Edge(NTNV)(Subtest:103, Channel:21350, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:MID)

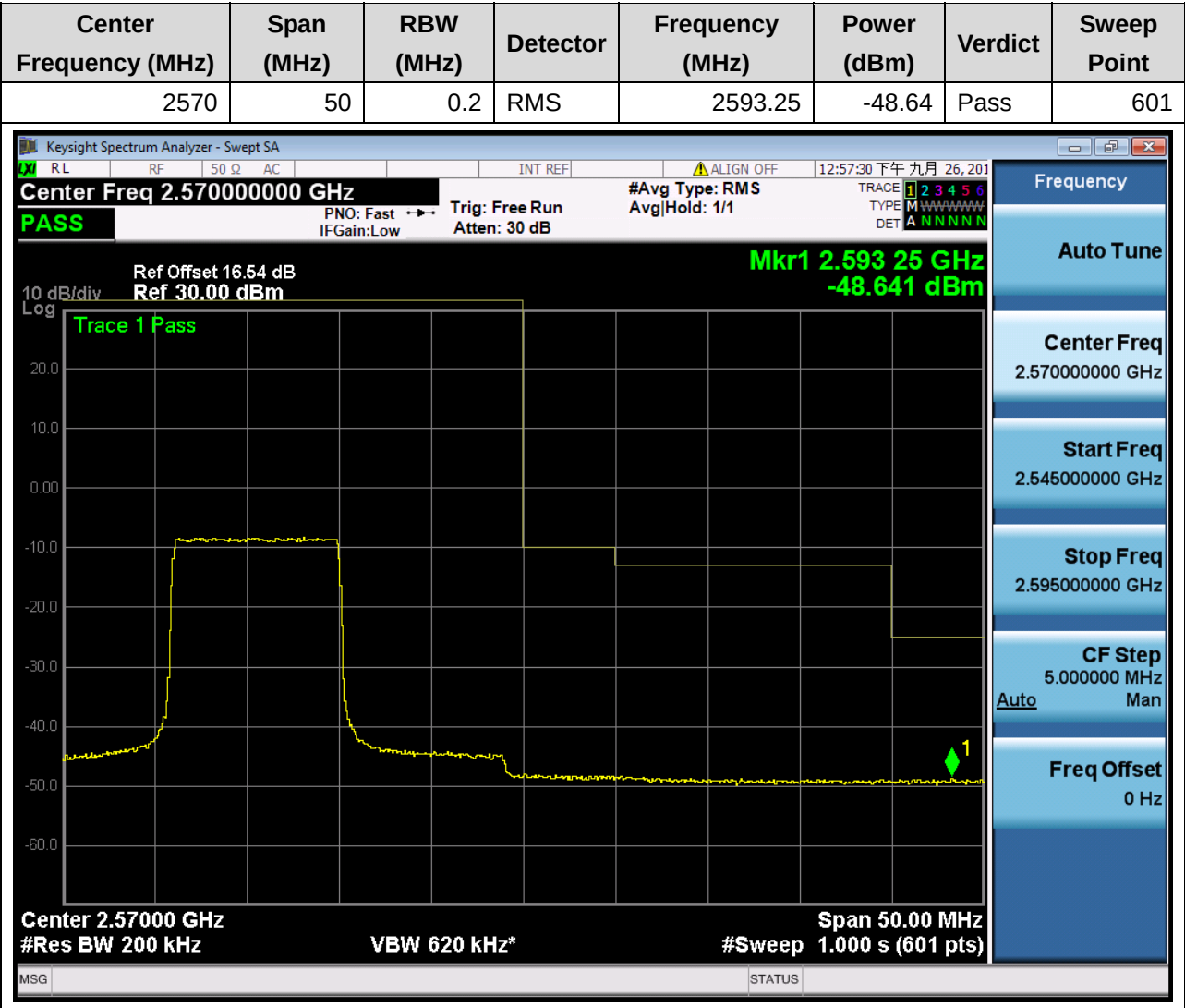




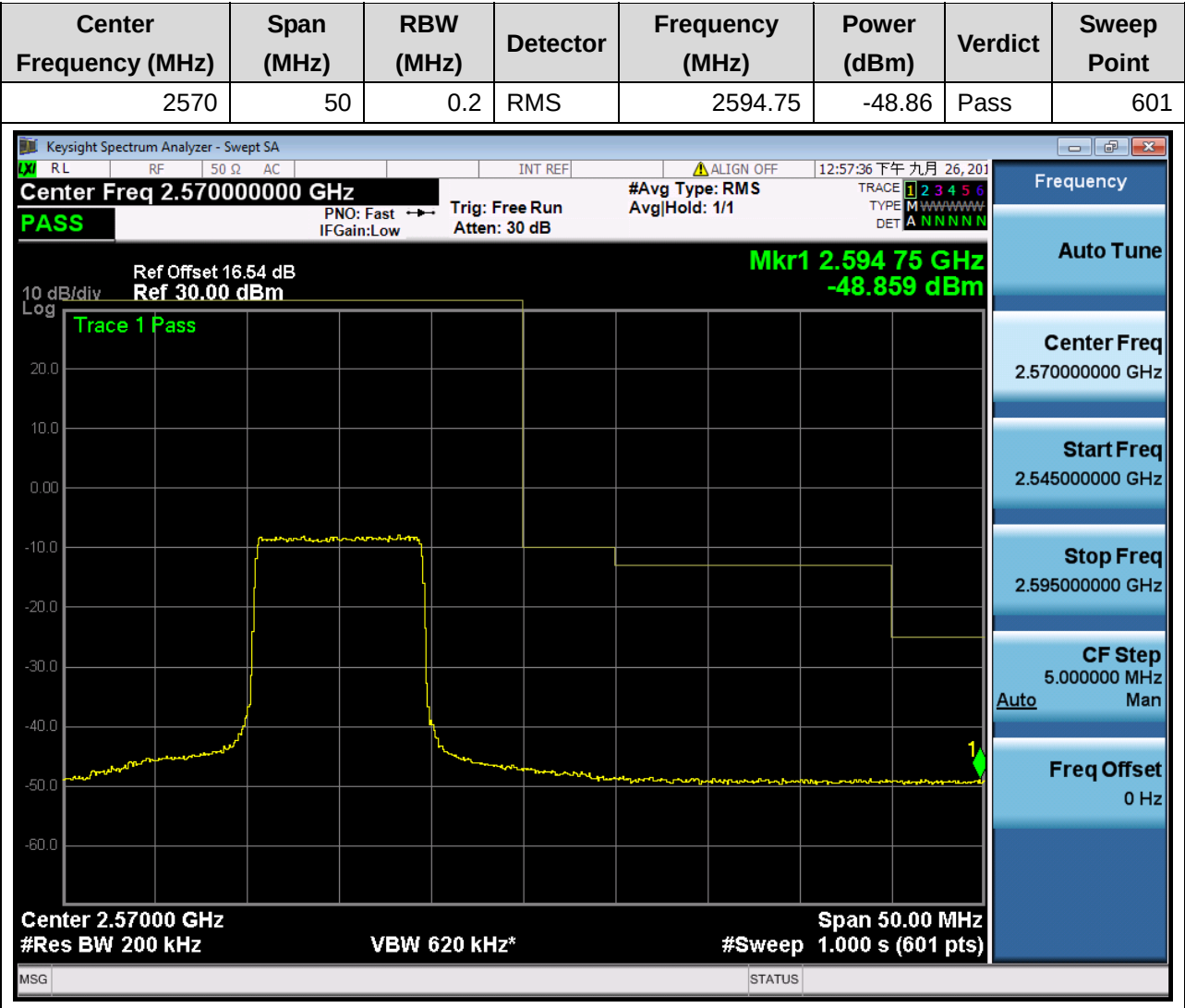
1.104. LTE Band Edge(NTNV)(Subtest:104, Channel:21350, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:HIGH)



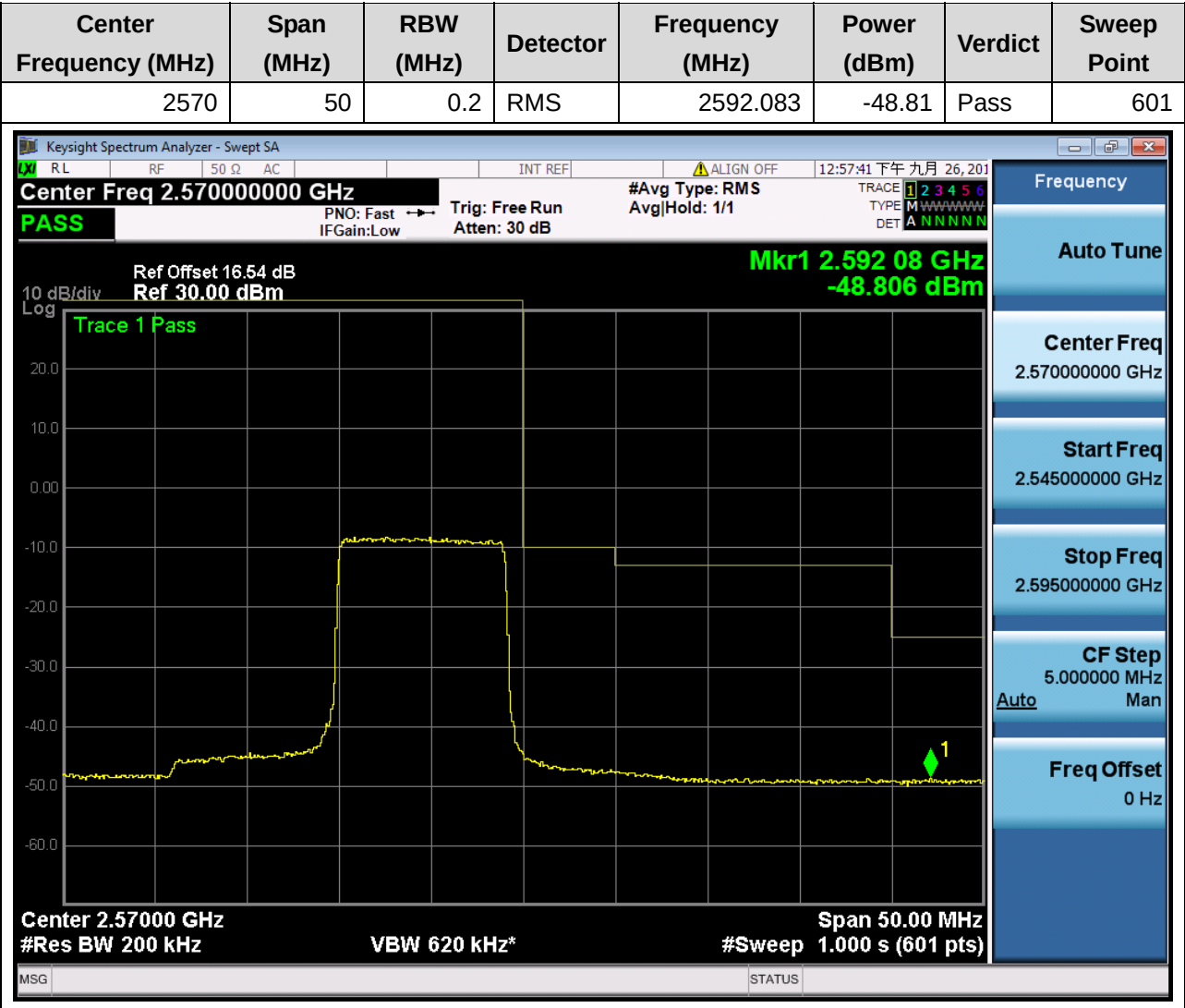
1.105. LTE Band Edge(NTNV)(Subtest:105, Channel:21350, Bandwidth:20, Modulation:QPSK, RB Number: 50, RB Position:LOW)



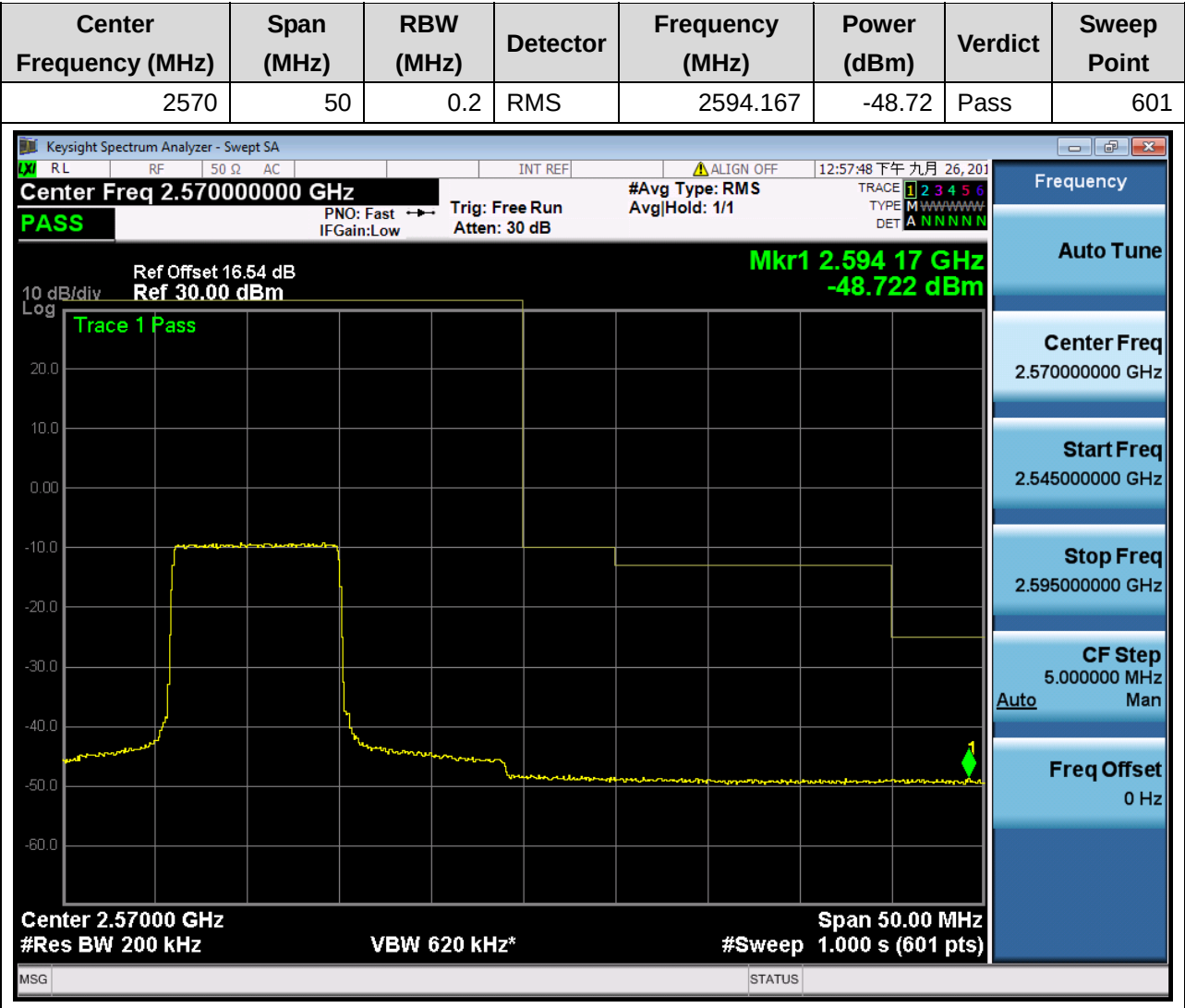
1.106. LTE Band Edge(NTNV)(Subtest:106, Channel:21350, Bandwidth:20, Modulation:QPSK, RB Number: 50, RB Position:MID)



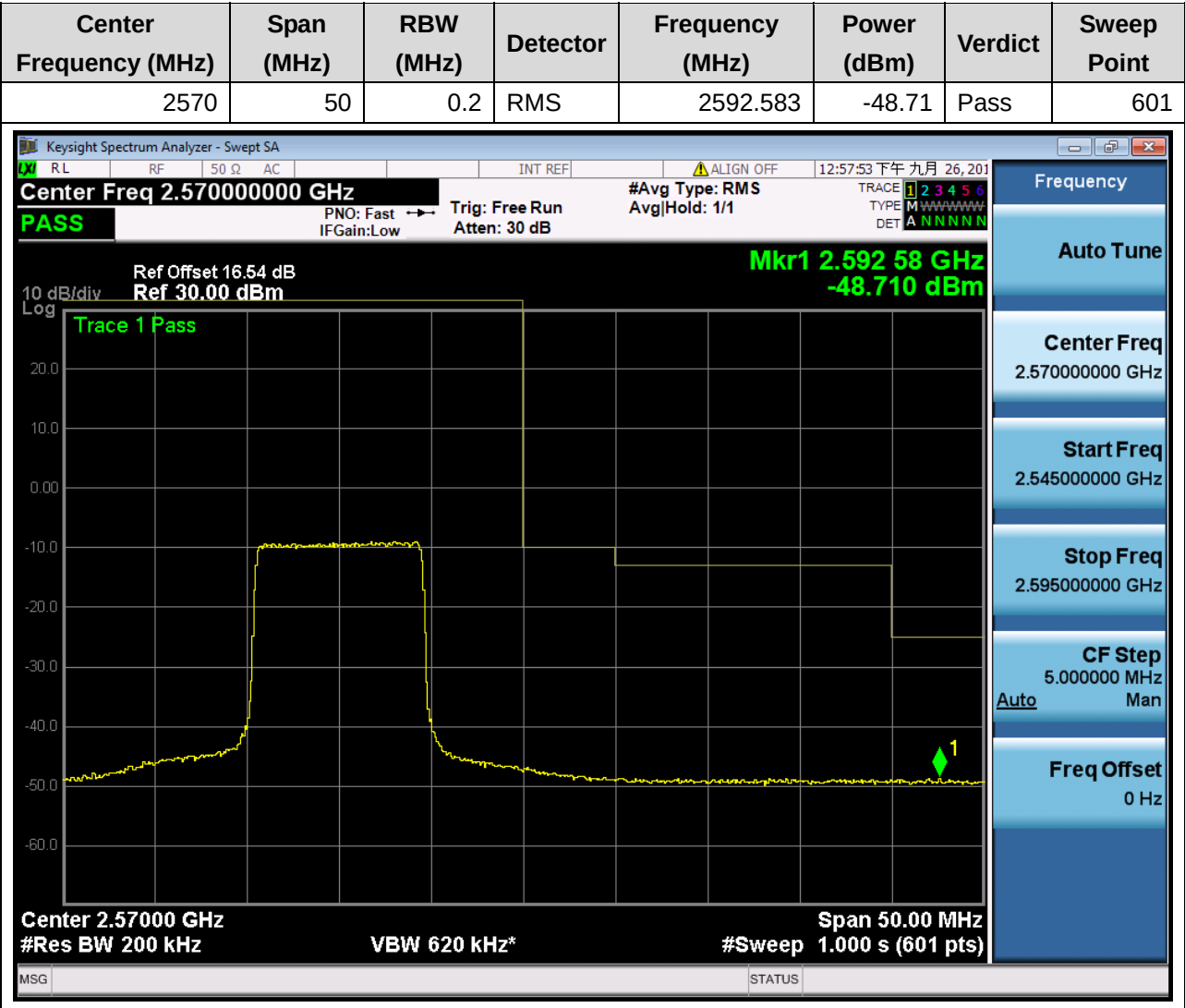
1.107. LTE Band Edge(NTNV)(Subtest:107, Channel:21350, Bandwidth:20, Modulation:QPSK, RB Number: 50, RB Position:HIGH)



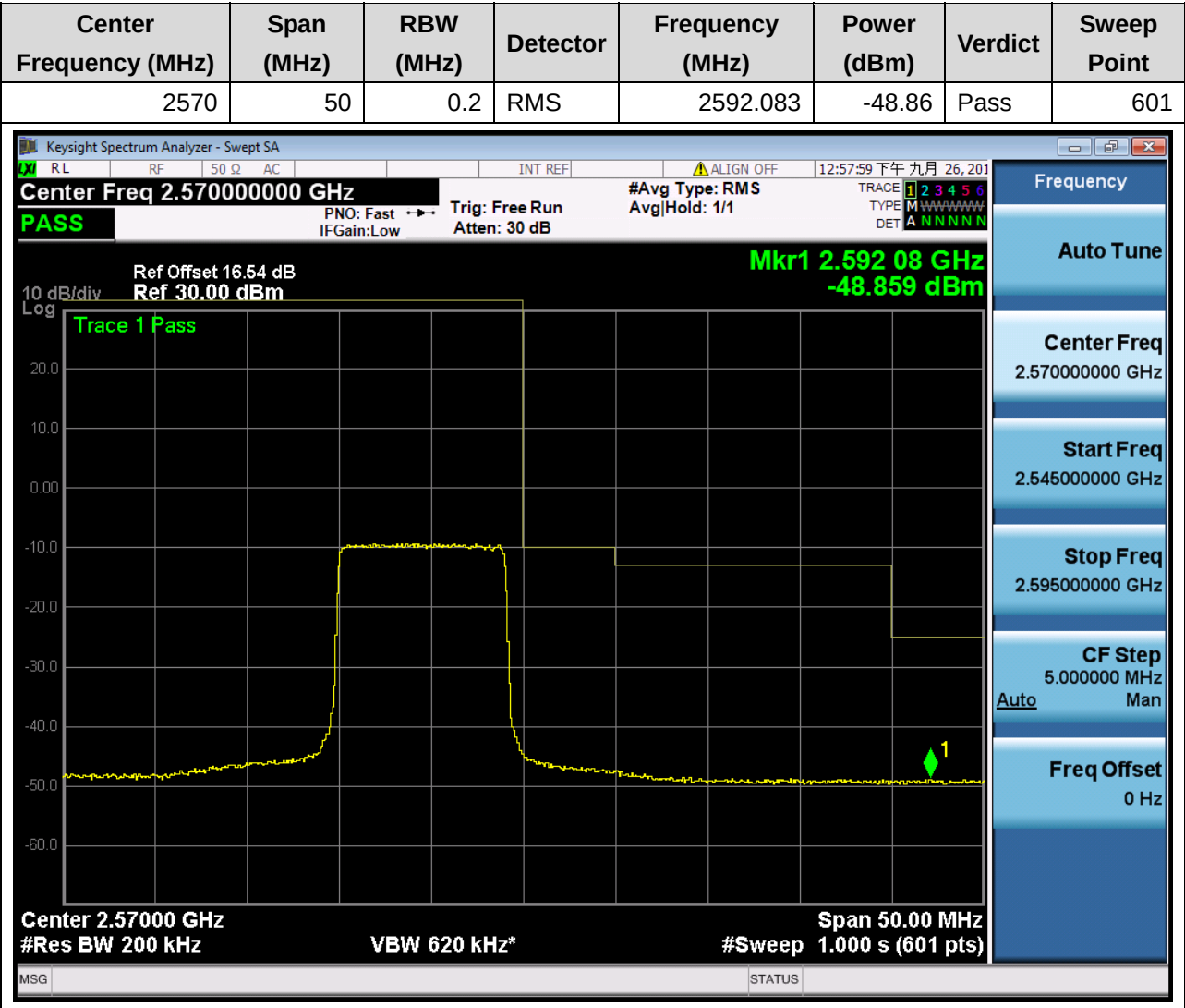
1.108. LTE Band Edge(NTNV)(Subtest:108, Channel:21350, Bandwidth:20, Modulation:Q16, RB Number: 50, RB Position:LOW)



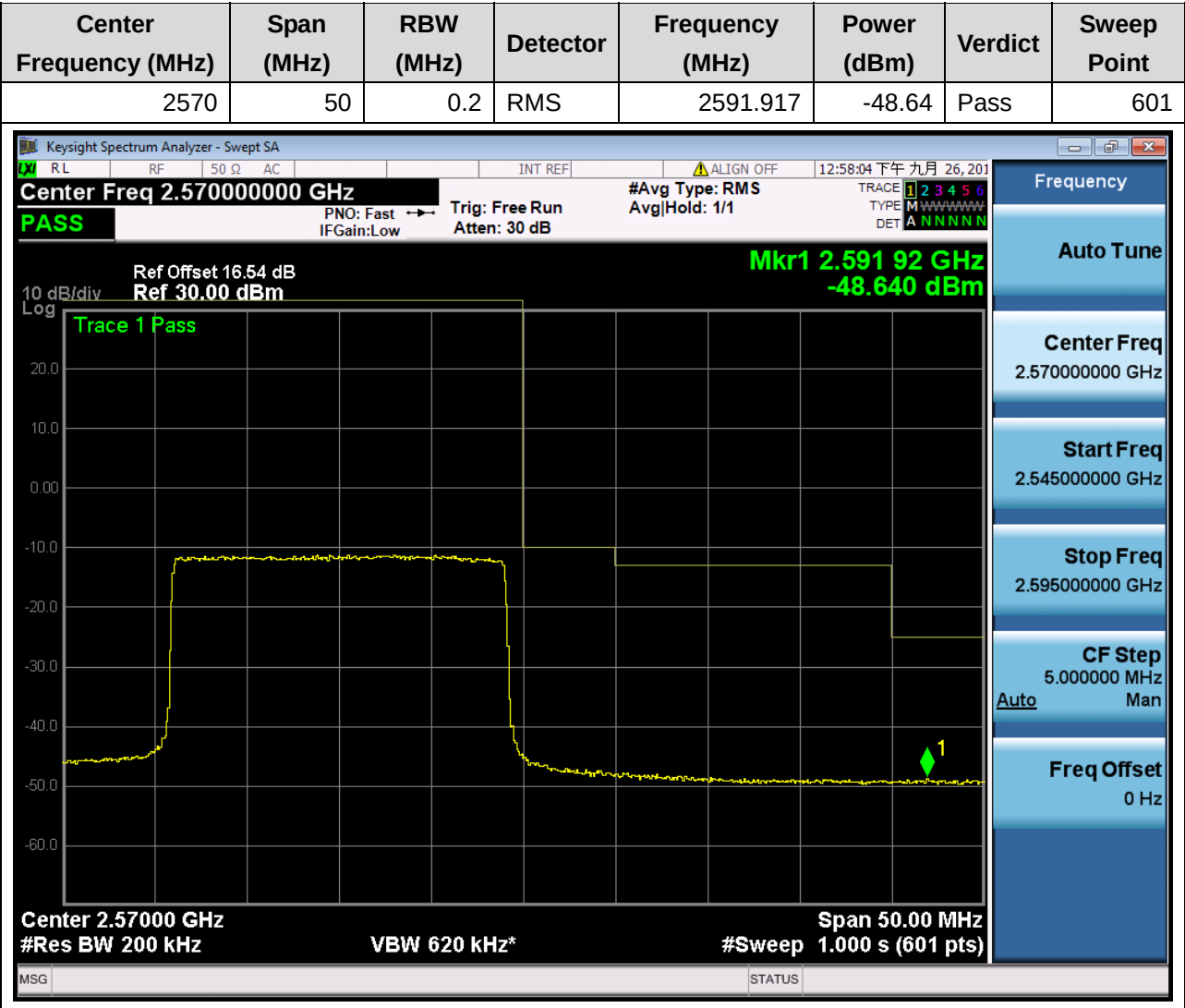
1.109. LTE Band Edge(NTNV)(Subtest:109, Channel:21350, Bandwidth:20, Modulation:Q16, RB Number: 50, RB Position:MID)



1.110. LTE Band Edge(NTNV)(Subtest:110, Channel:21350, Bandwidth:20, Modulation:Q16, RB Number: 50, RB Position:HIGH)

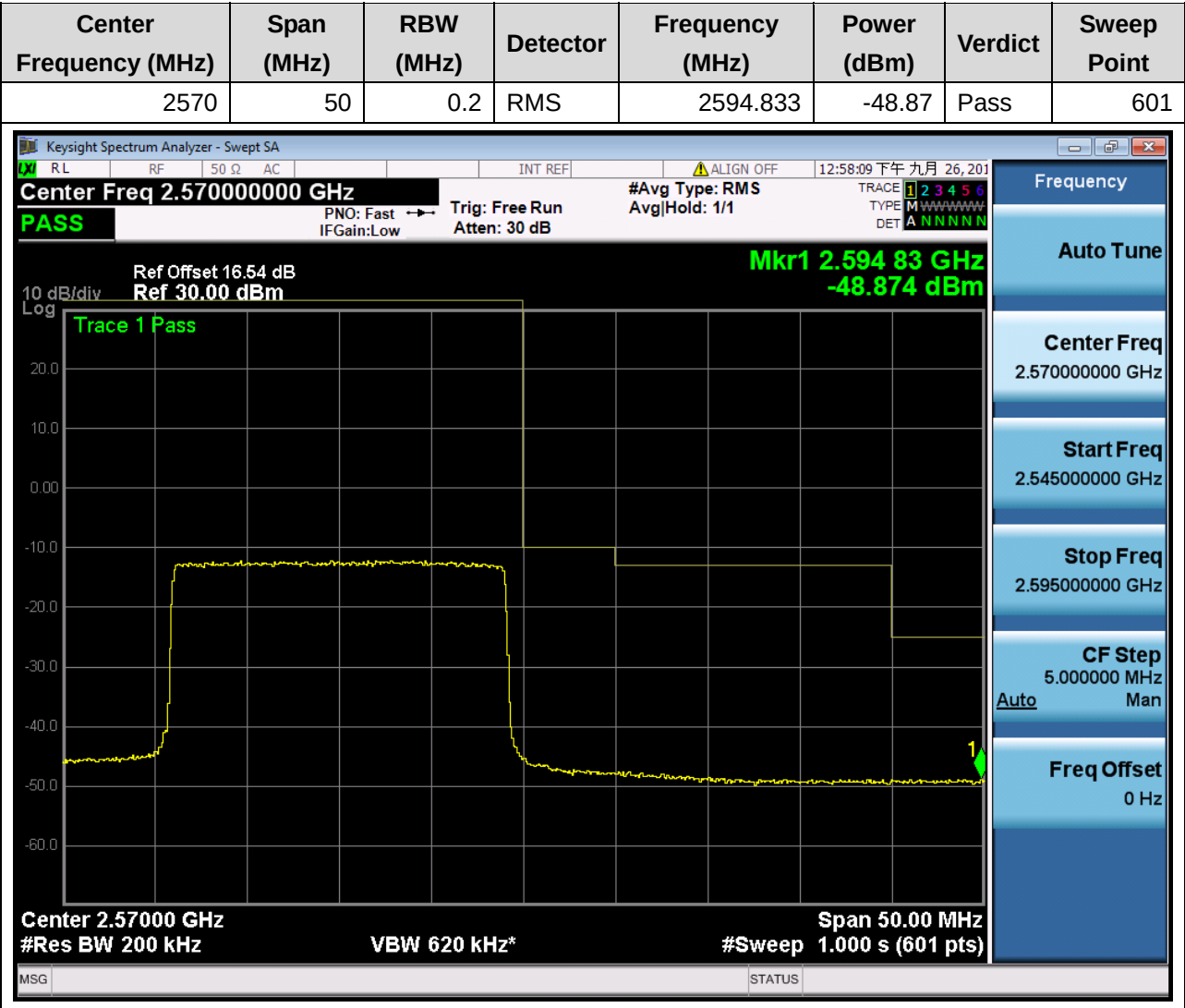


1.111. LTE Band Edge(NTNV)(Subtest:111, Channel:21350, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)





1.112. LTE Band Edge(NTNV)(Subtest:112, Channel:21350, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



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END