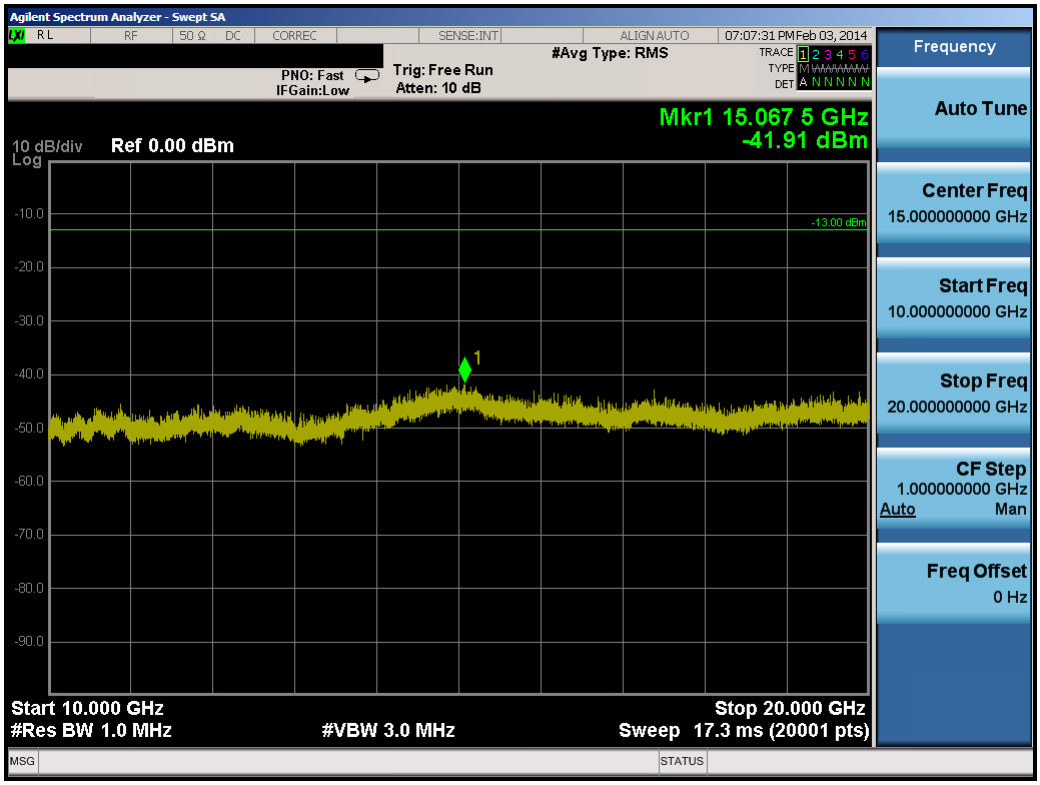
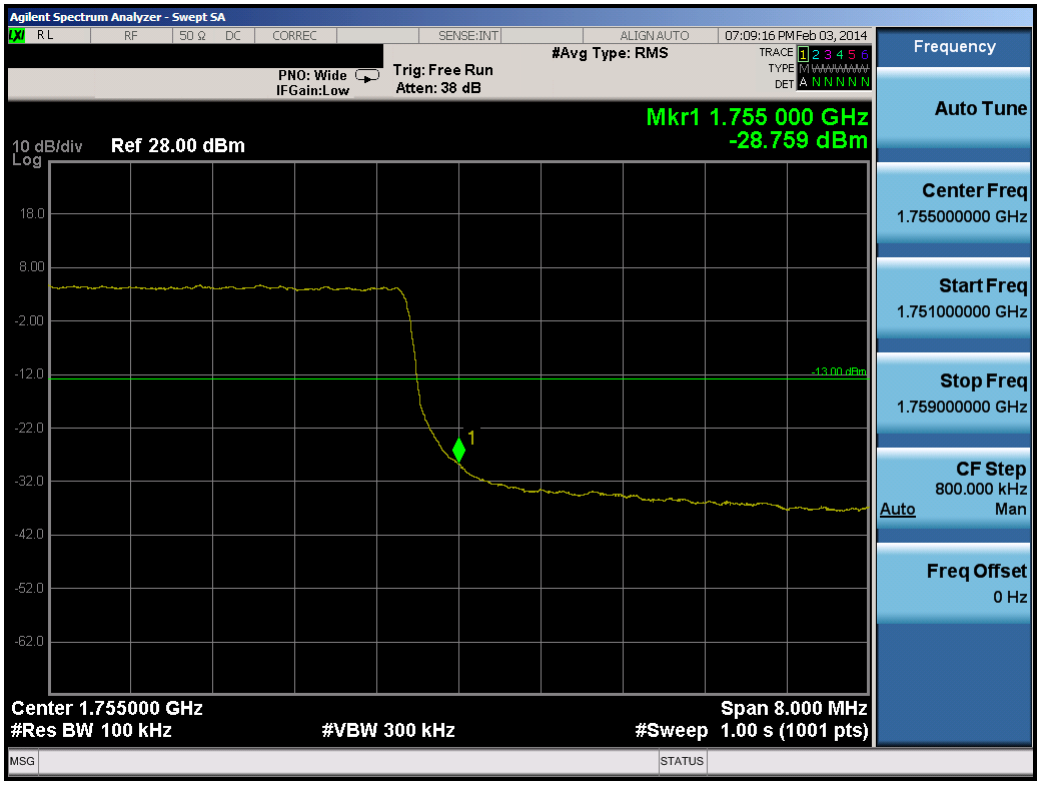


Plot 9-52. Conducted Spurious Plot (10.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)



Plot 9-53. Upper Band Edge Plot (10.0MHz QPSK – RB Size 50)

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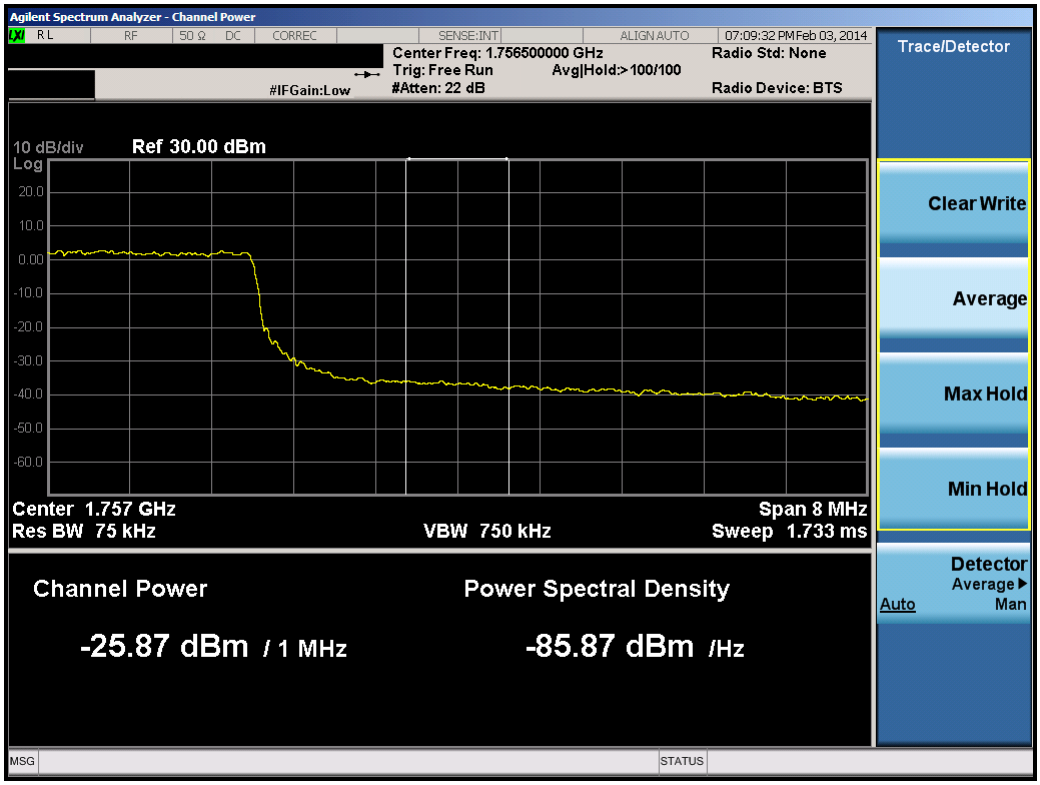
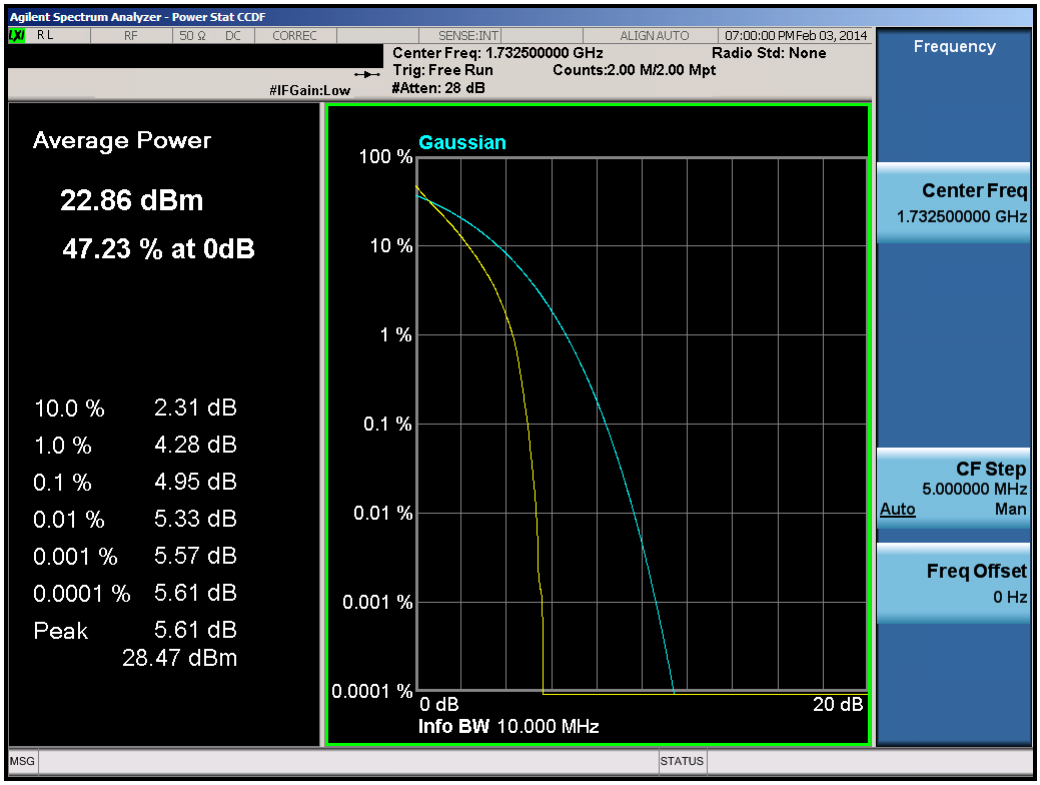


Plot 9-54. Upper Extended Band Edge Plot (10.0MHz QPSK – RB Size 50)



Plot 9-55. PAR Plot (10.0MHz QPSK – RB Size 50)

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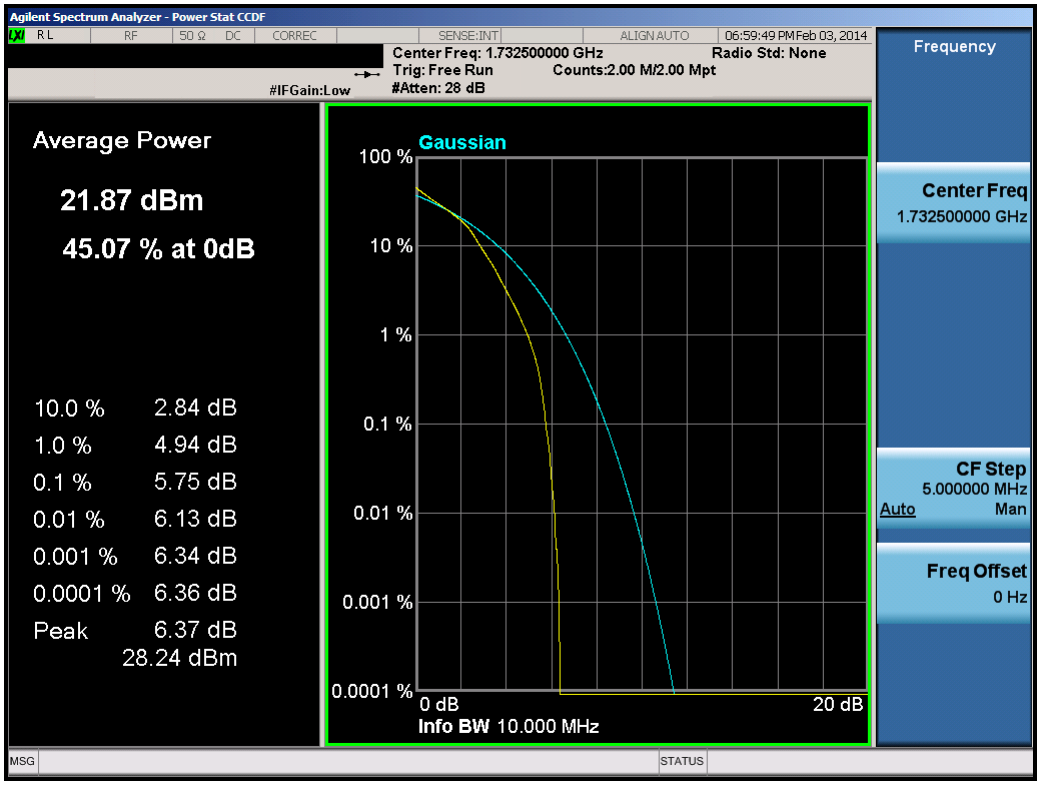
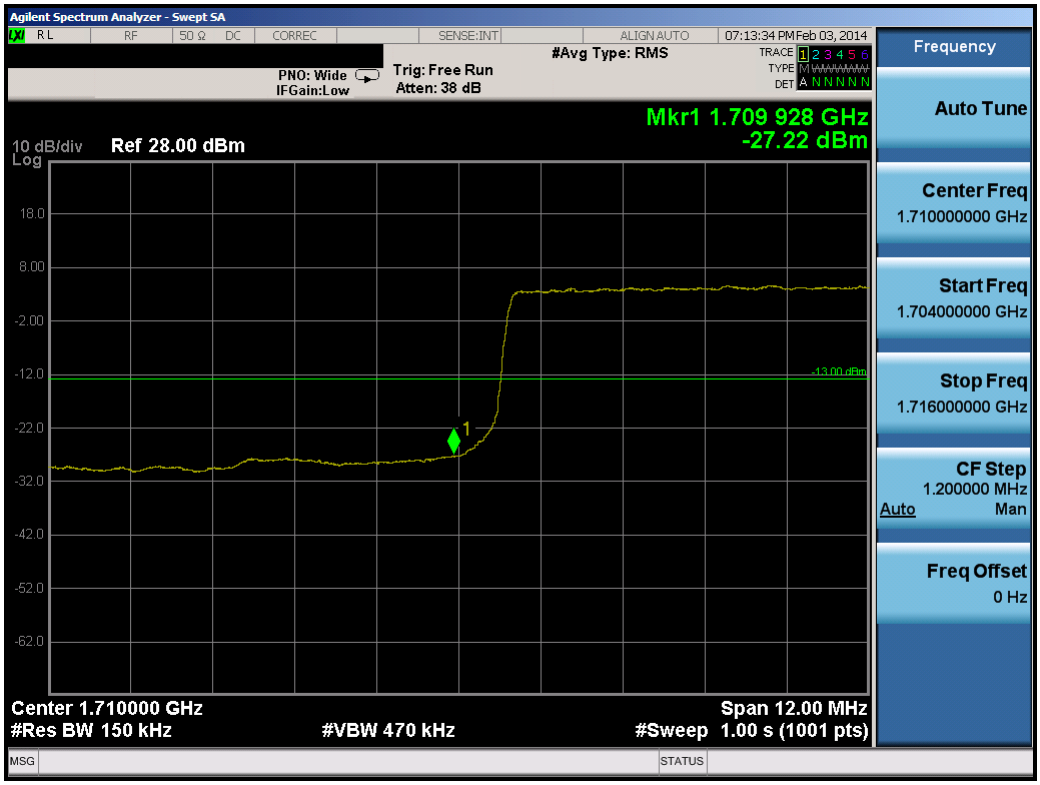


Plot 9-56. PAR Plot (10.0MHz 16-QAM – RB Size 50)



Plot 9-57. Lower Band Edge Plot (15.0MHz QPSK – RB Size 75)

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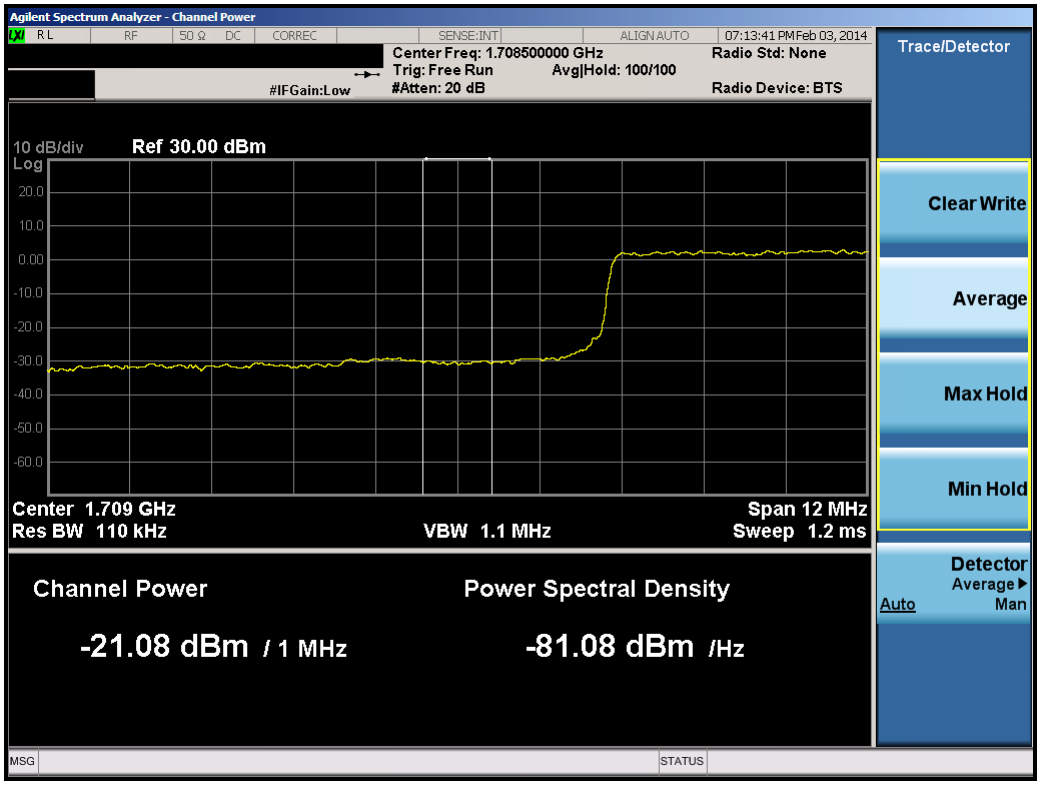
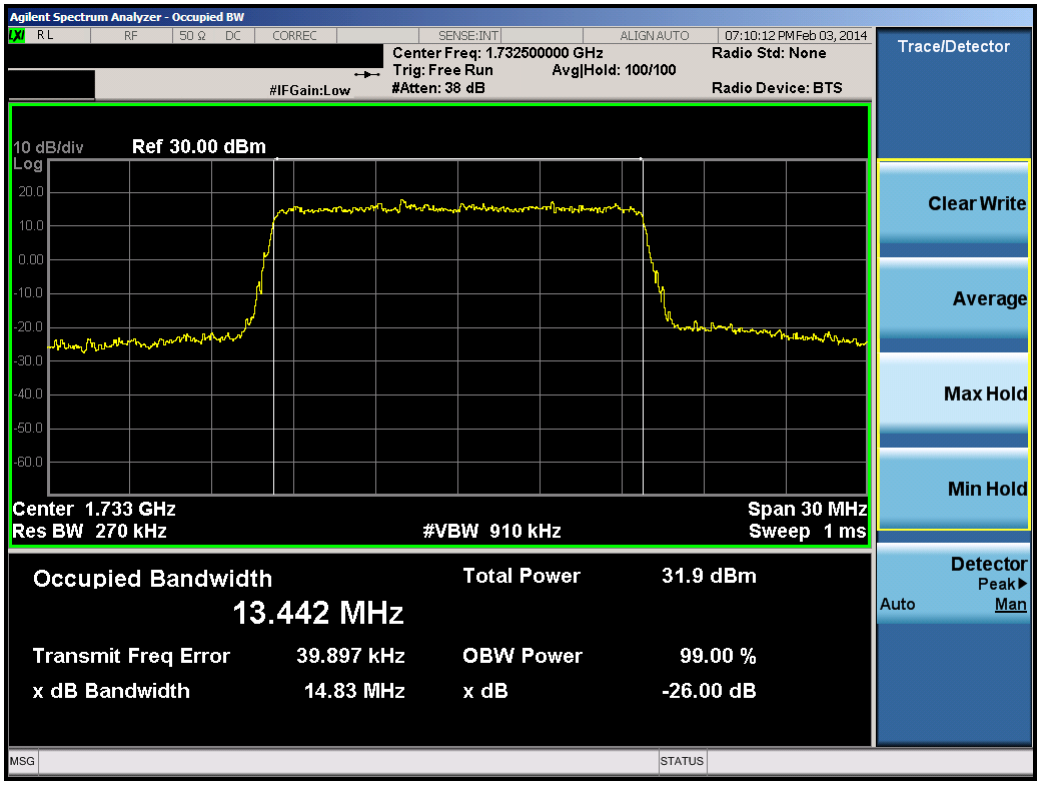


Plot 9-58. Lower Extended Band Edge Plot (15.0MHz QPSK – RB Size 75)



Plot 9-59. Occupied Bandwidth Plot (15.0MHz QPSK – RB Size 75)

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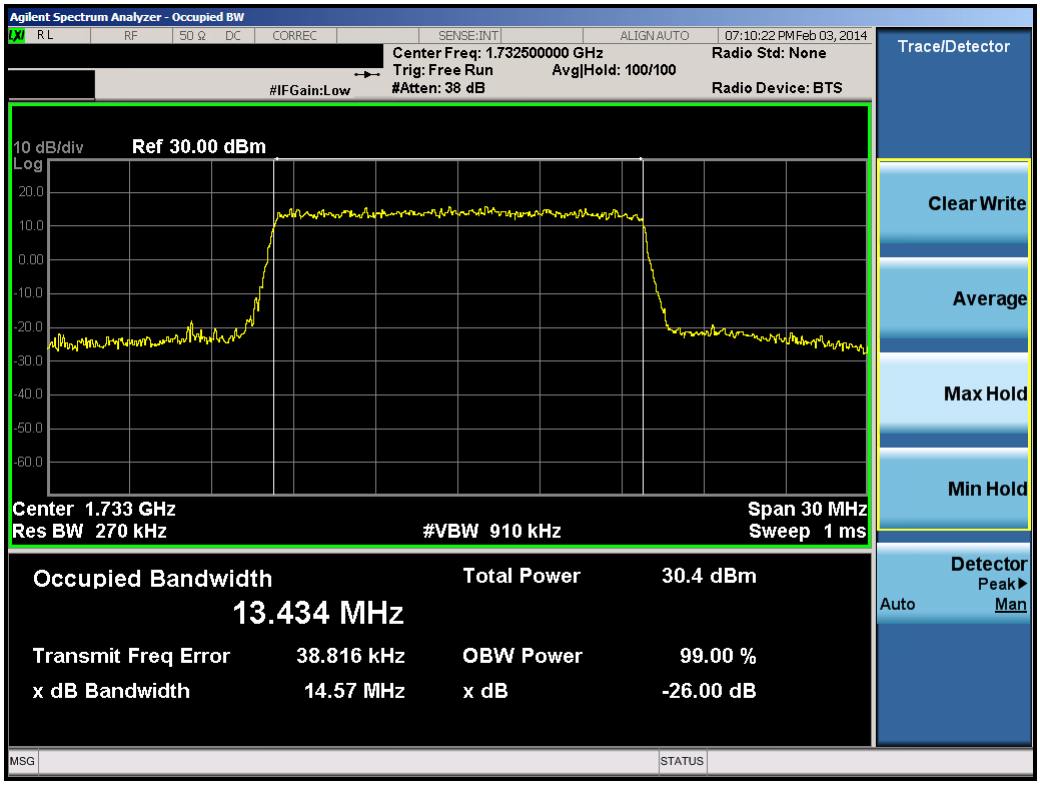
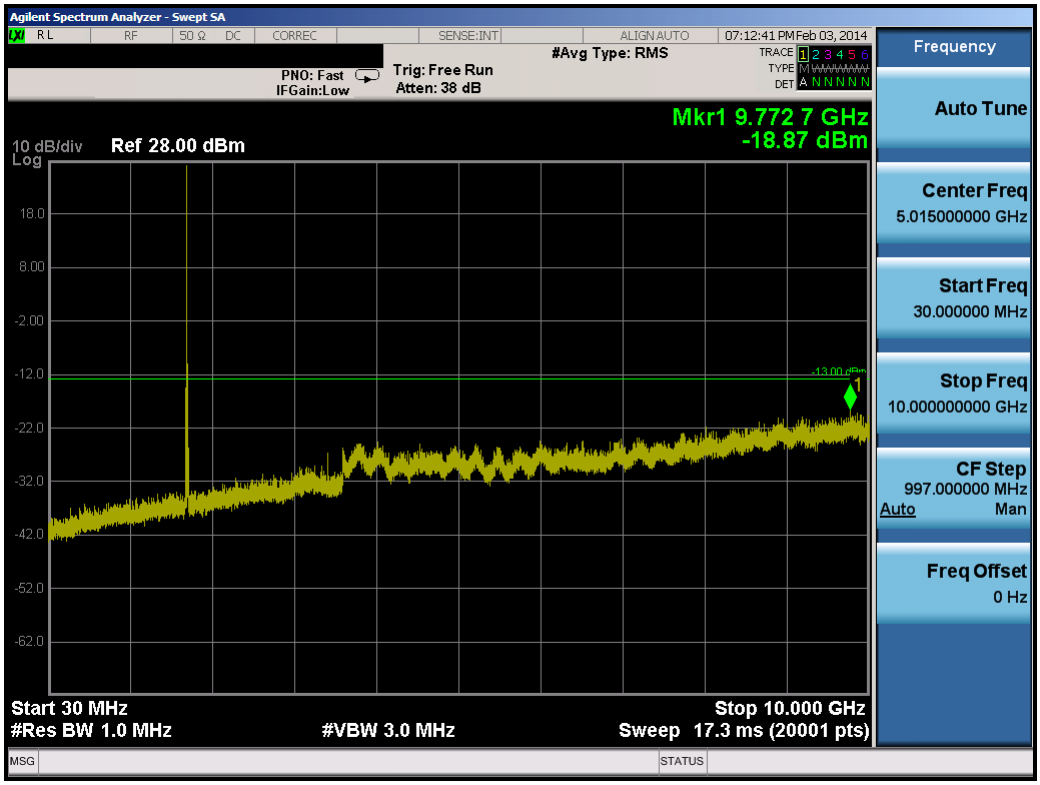


Plot 9-60. Occupied Bandwidth Plot (15.0MHz 16-QAM – RB Size 75)



Plot 9-61. Conducted Spurious Plot (15.0MHz QPSK – RB Size 1, RB Offset 0 – Low Channel)

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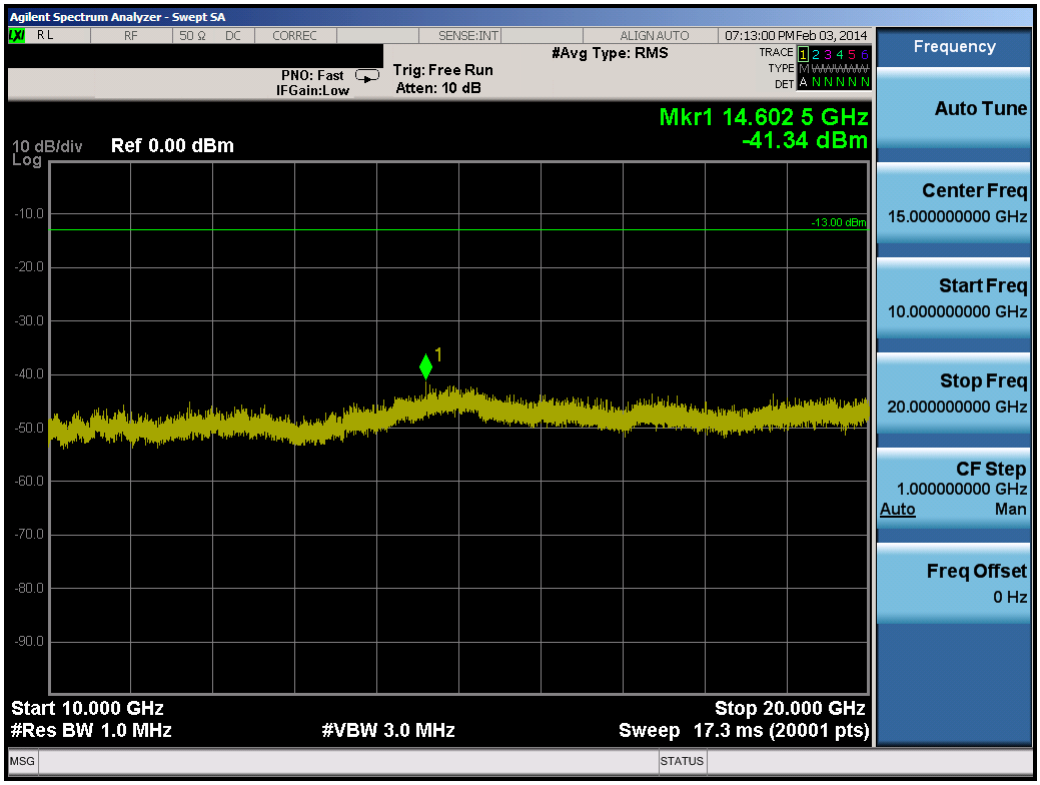
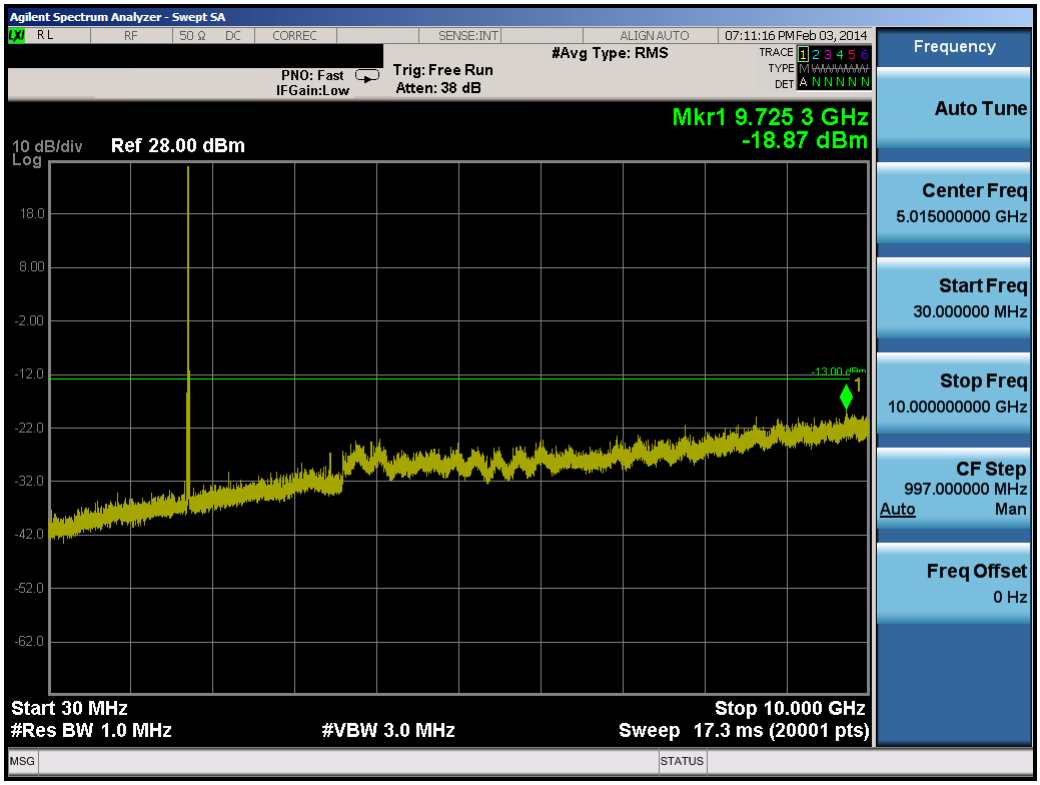


Plot 9-62. Conducted Spurious Plot (15.0MHz QPSK – RB Size 1, RB Offset 0 – Low Channel)



Plot 9-63. Conducted Spurious Plot (15.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)

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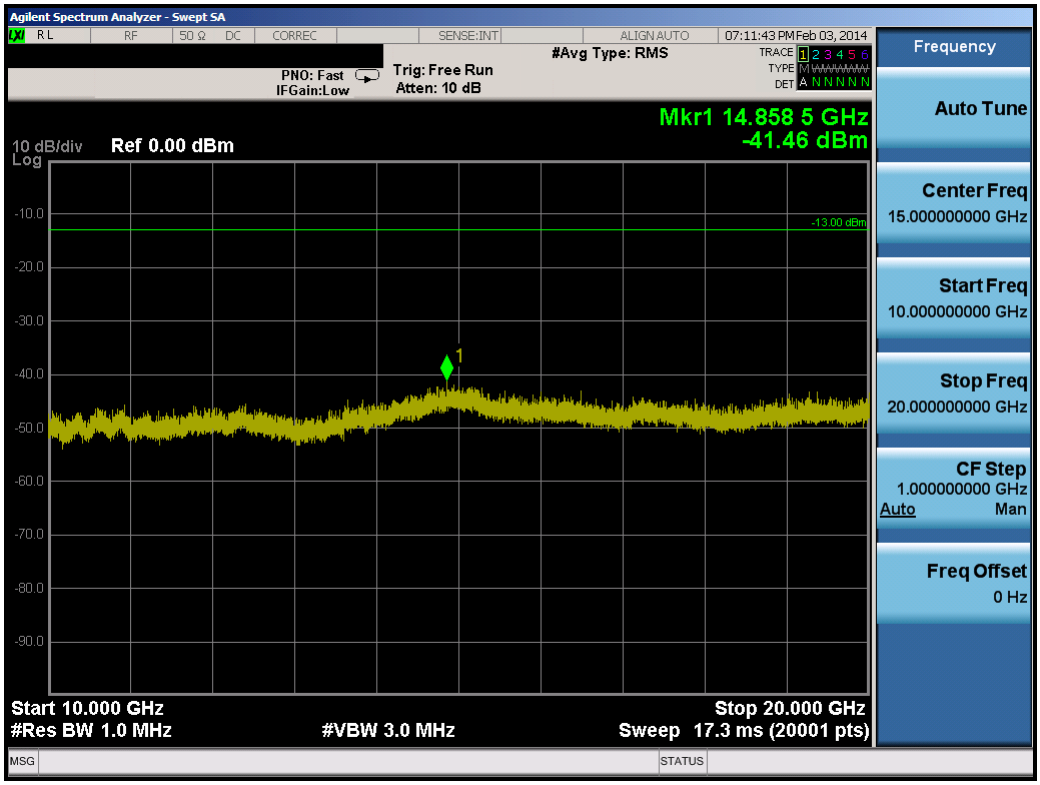
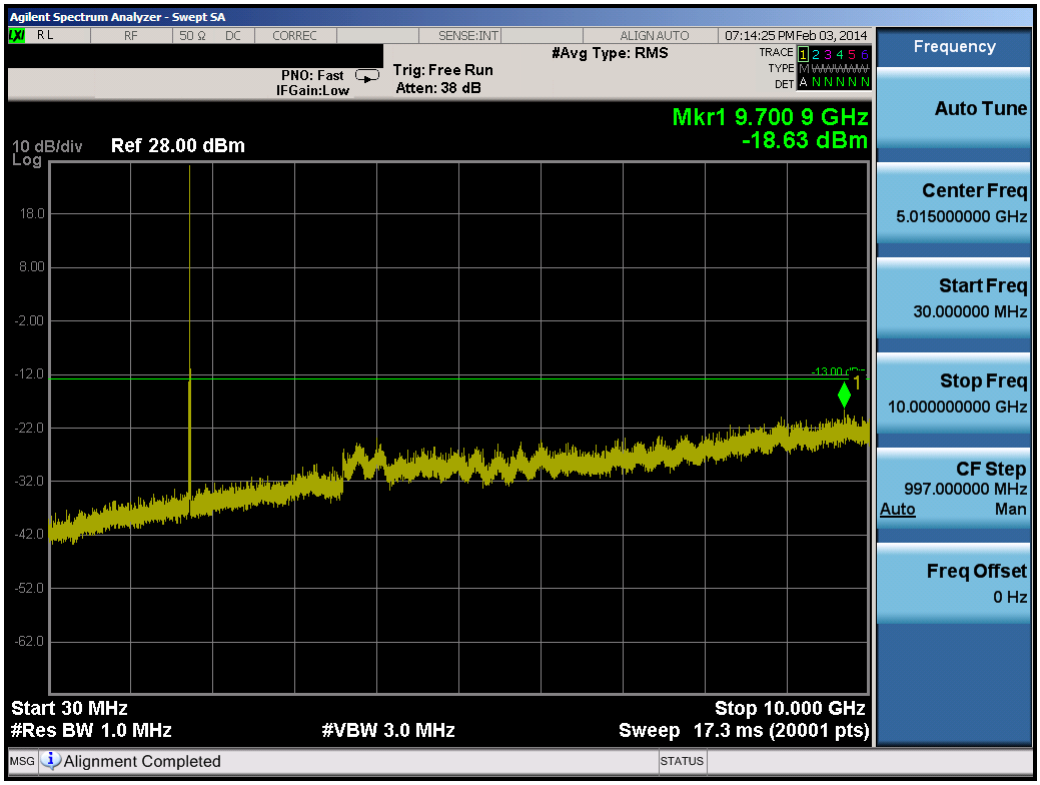


Plot 9-64. Conducted Spurious Plot (15.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)



Plot 9-65. Conducted Spurious Plot (15.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)

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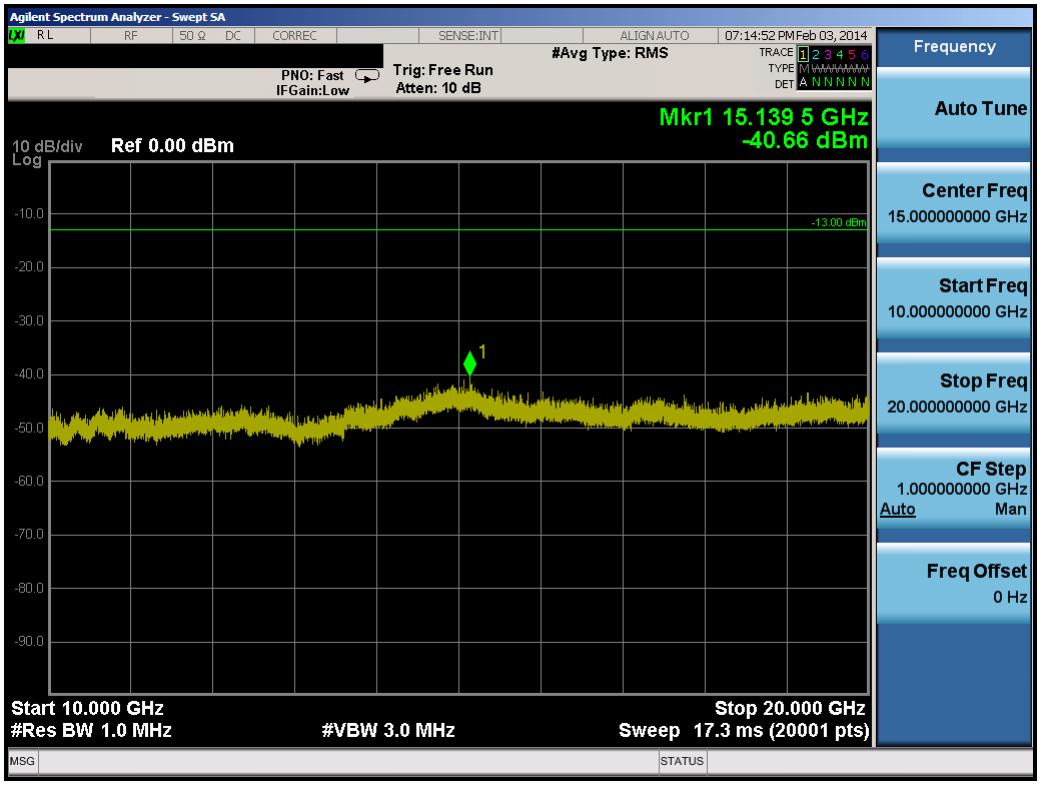

Plot 9-66. Conducted Spurious Plot (15.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)

Plot 9-67. Upper Band Edge Plot (15.0MHz QPSK – RB Size 75)

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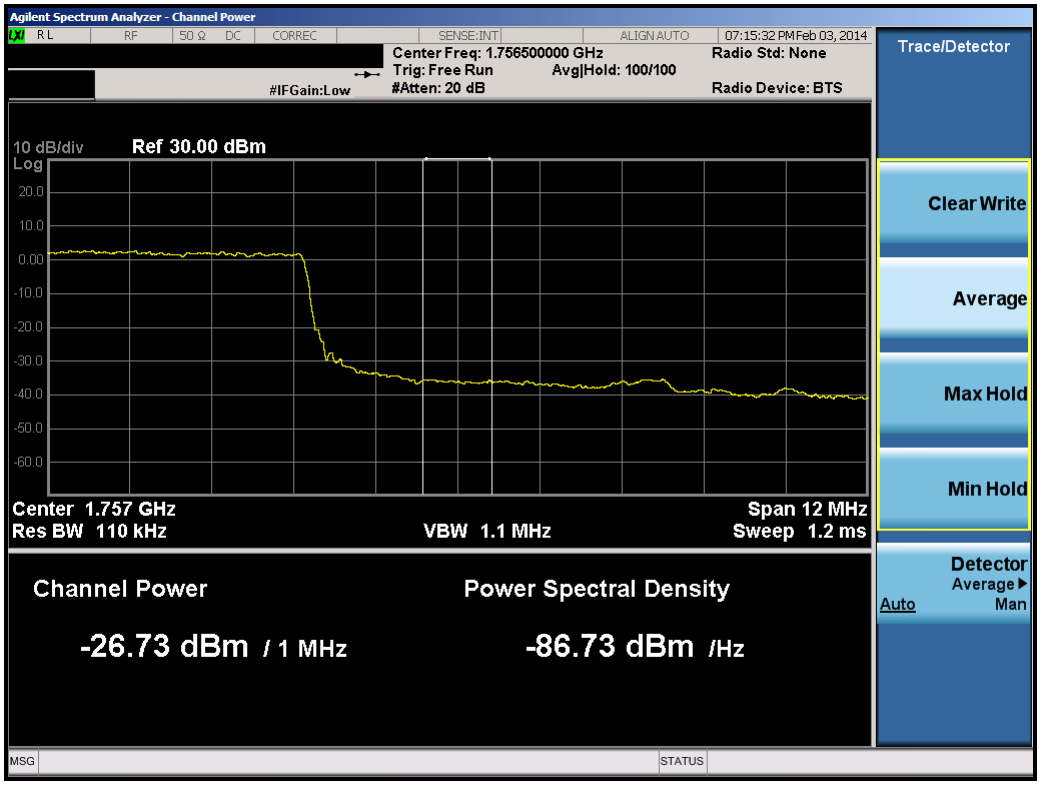
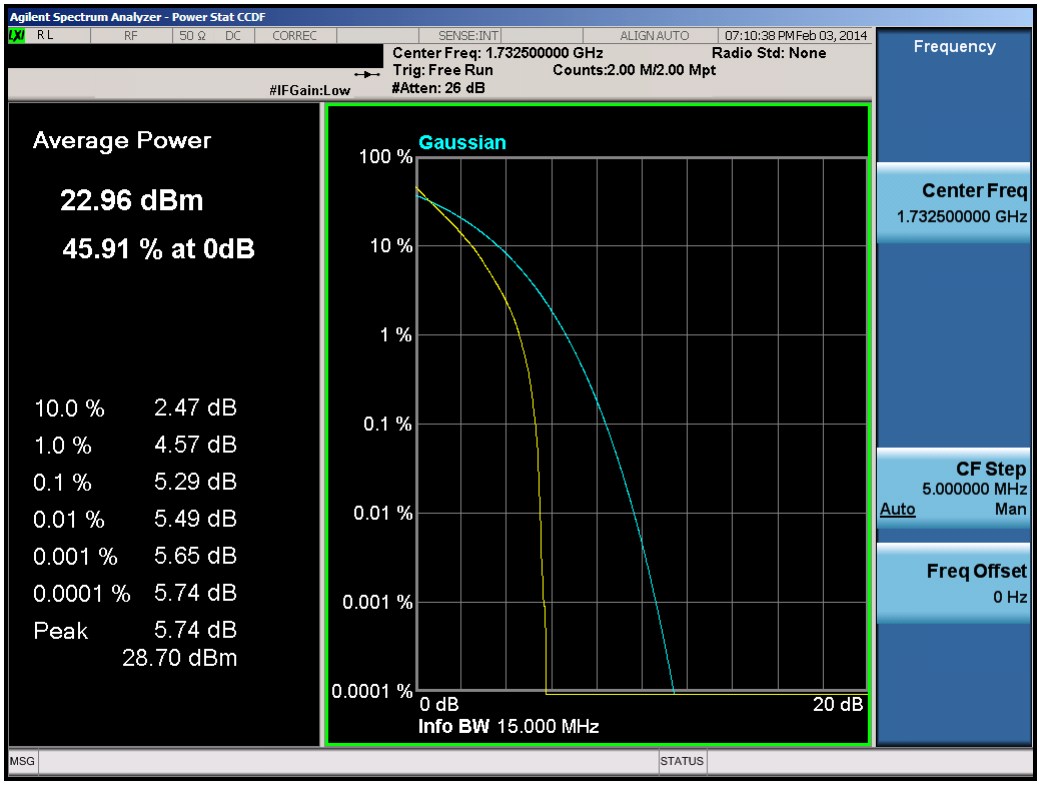


Plot 9-68. Upper Extended Band Edge Plot (15.0MHz QPSK – RB Size 75)



Plot 9-69. PAR Plot (15.0MHz QPSK – RB Size 75)

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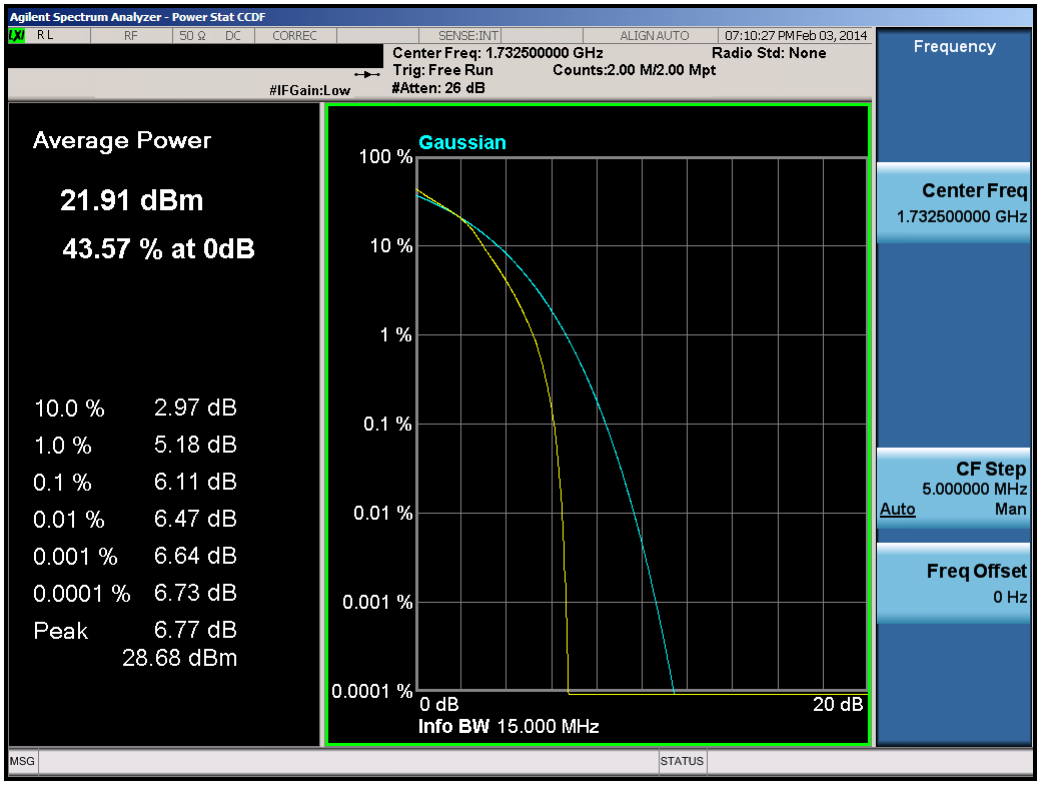
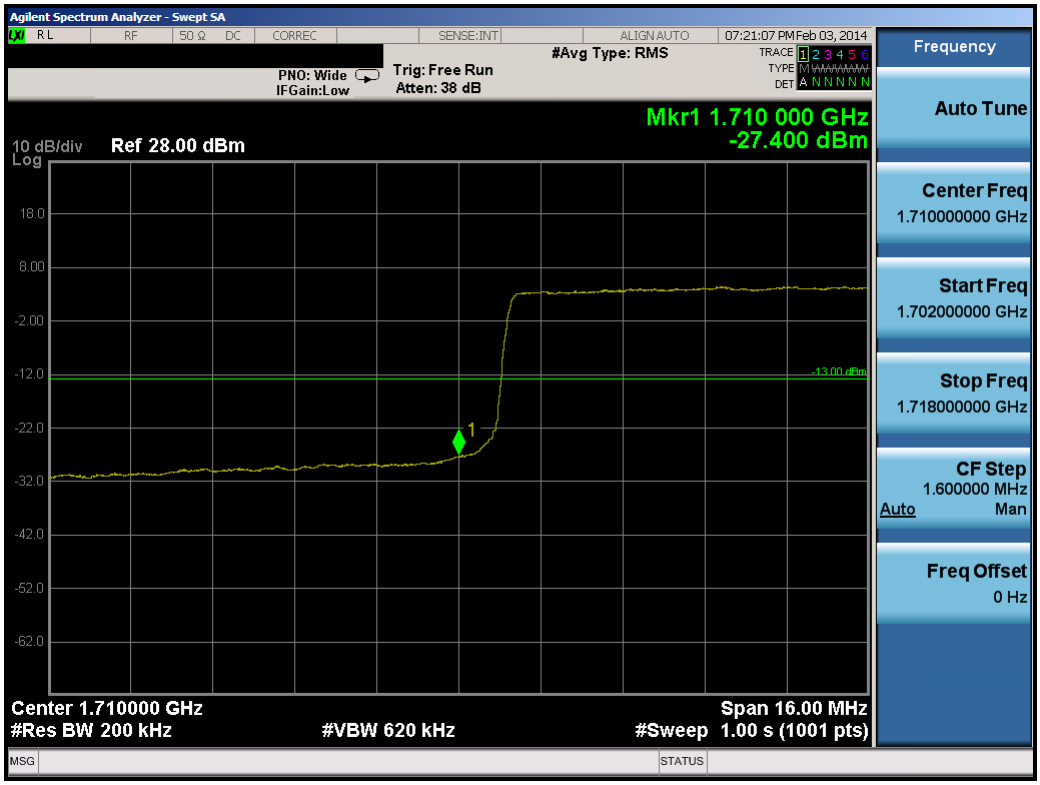


Plot 9-70. PAR Plot (15.0MHz 16-QAM – RB Size 75)



Plot 9-71. Lower Band Edge Plot (20.0MHz QPSK – RB Size 100)

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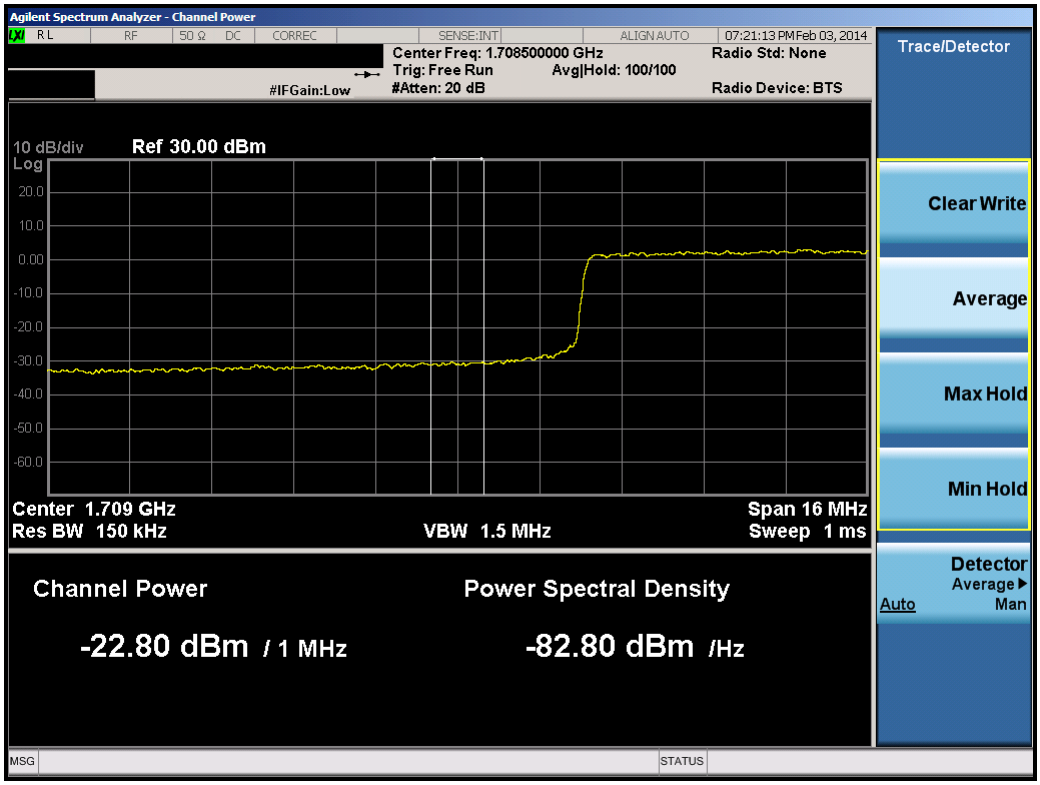
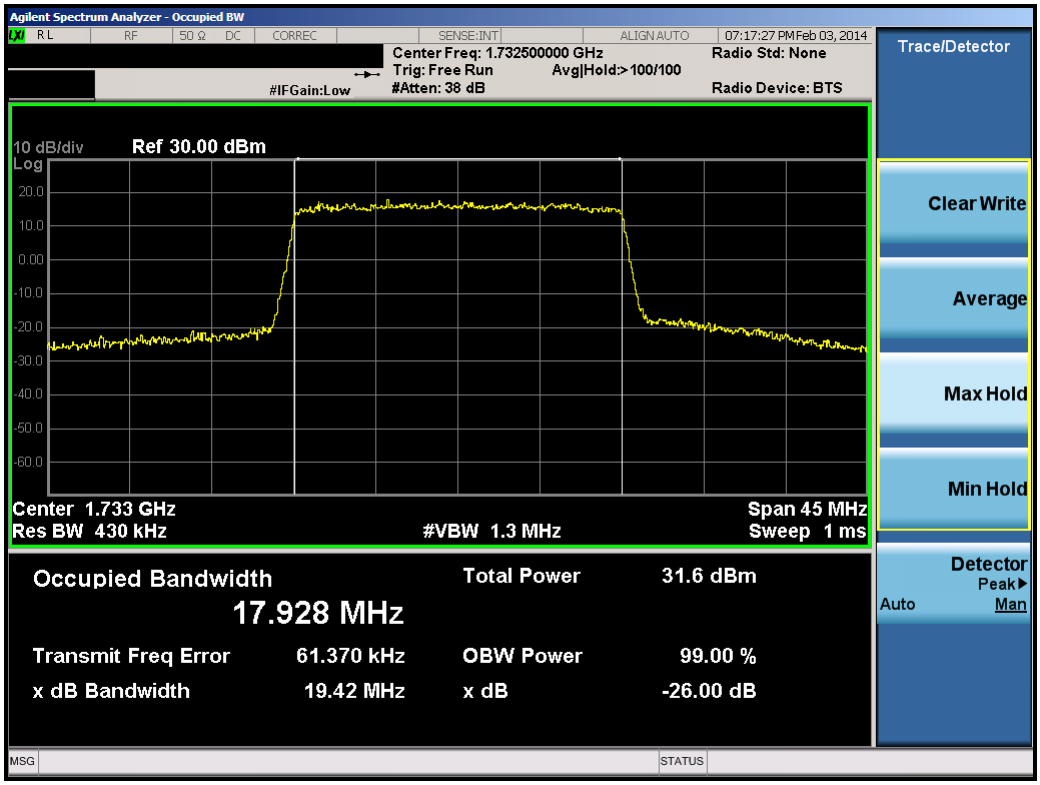


Plot 9-72. Lower Extended Band Edge Plot (20.0MHz QPSK – RB Size 100)



Plot 9-73. Occupied Bandwidth Plot (20.0MHz QPSK – RB Size 100)

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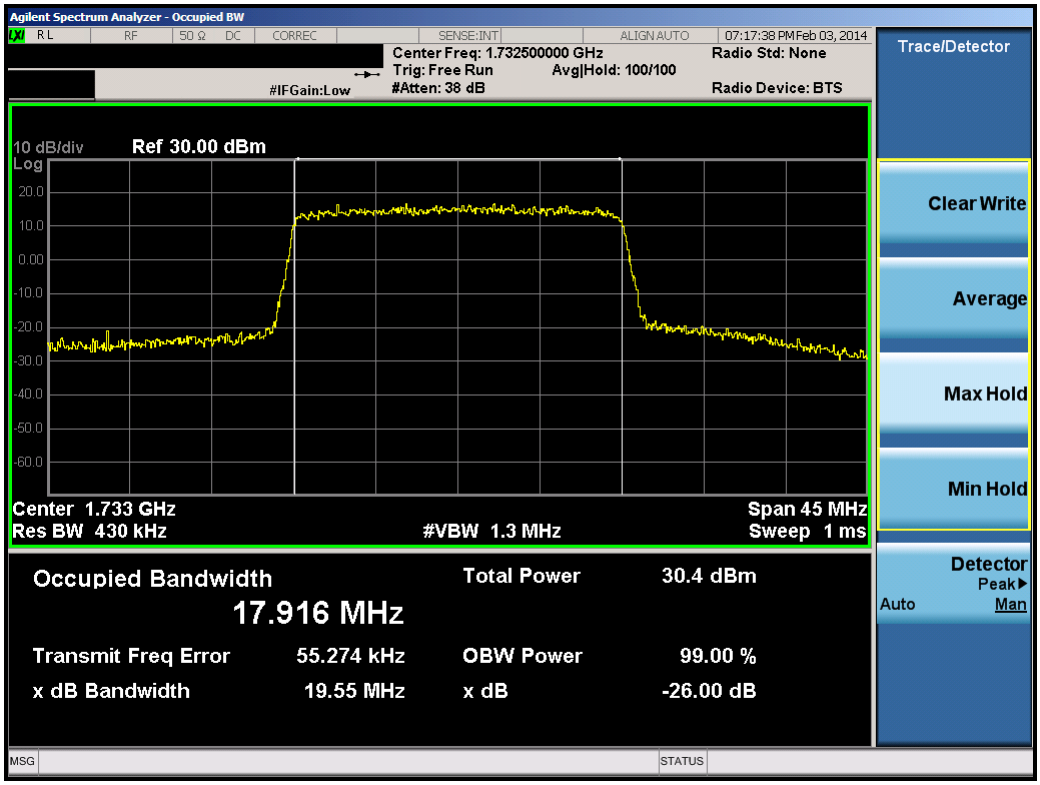
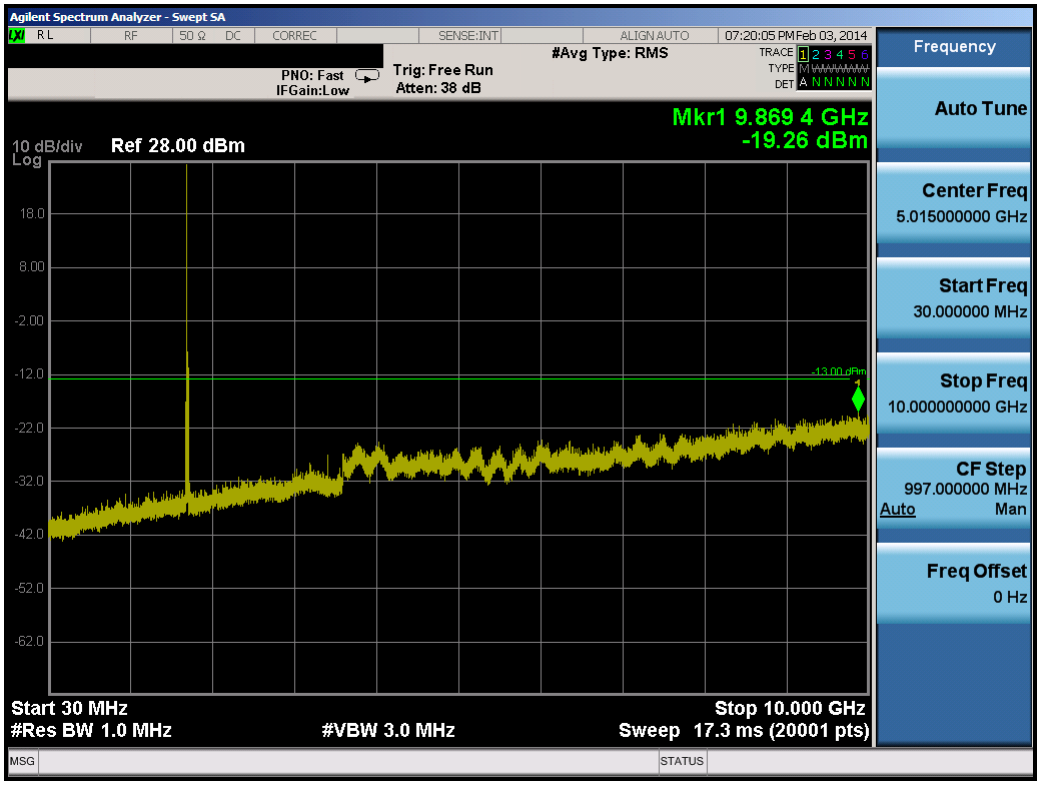


Plot 9-74. Occupied Bandwidth Plot (20.0MHz 16-QAM – RB Size 100)



Plot 9-75. Conducted Spurious Plot (20.0MHz QPSK – RB Size 1, RB Offset 0– Low Channel)

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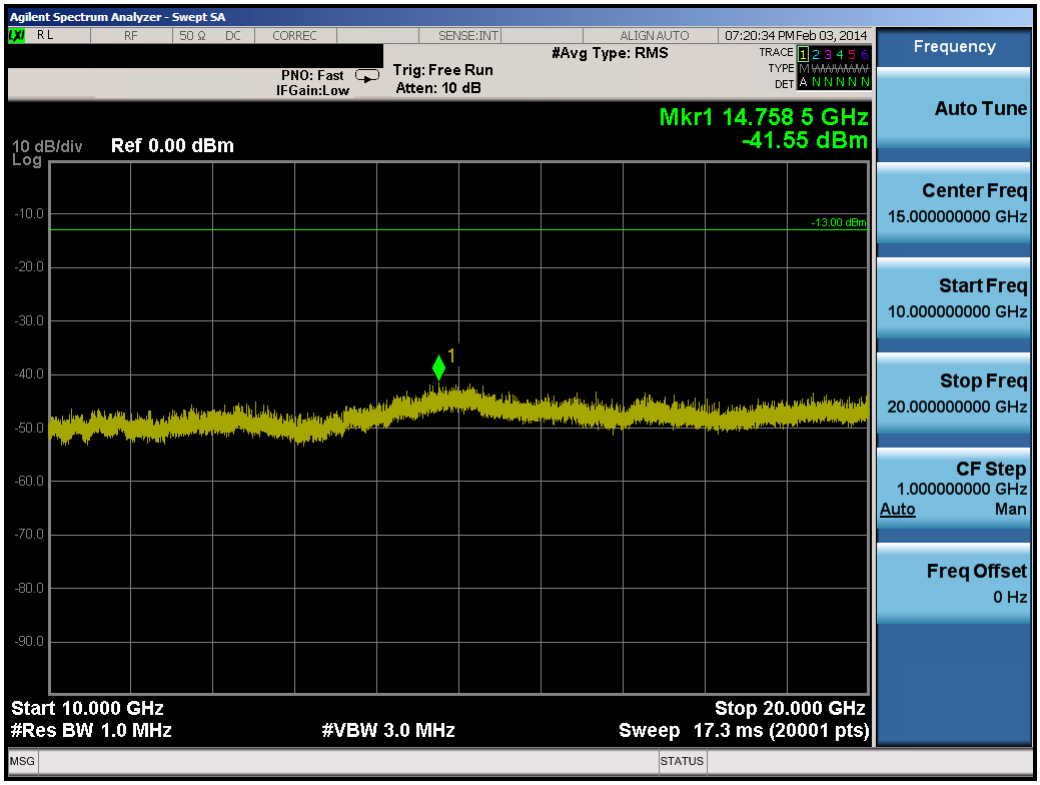
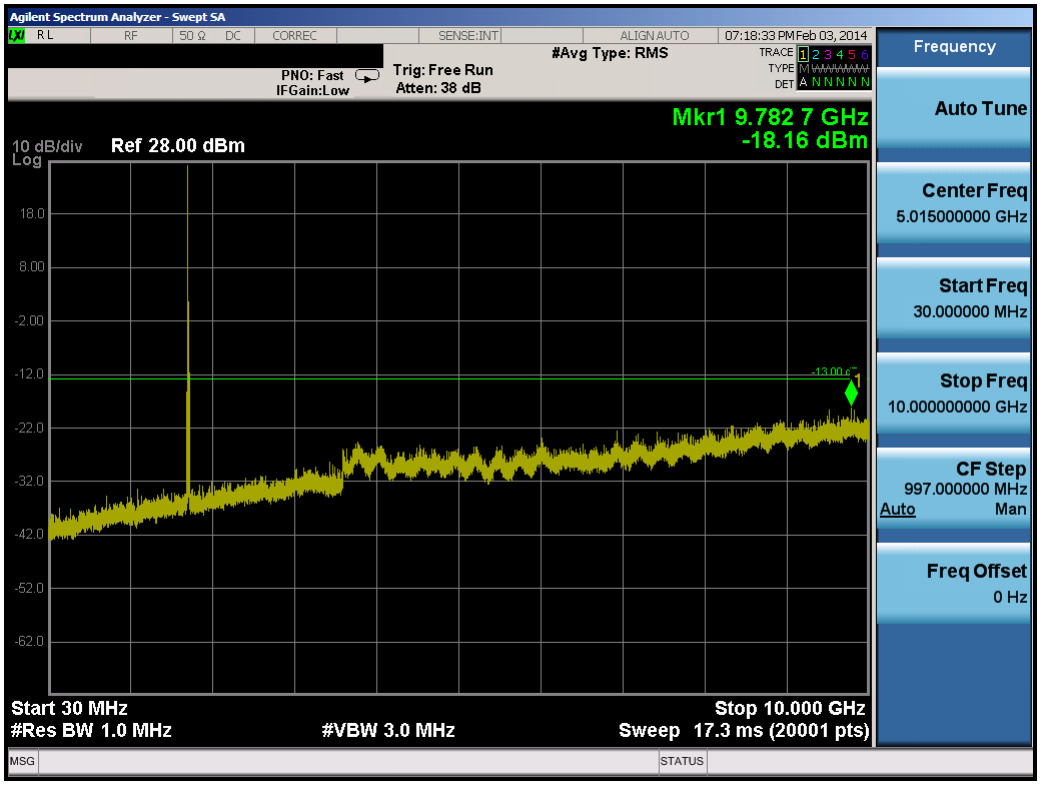


Plot 9-76. Conducted Spurious Plot (20.0MHz QPSK – RB Size 1, RB Offset 0 – Low Channel)



Plot 9-77. Conducted Spurious Plot (20.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)

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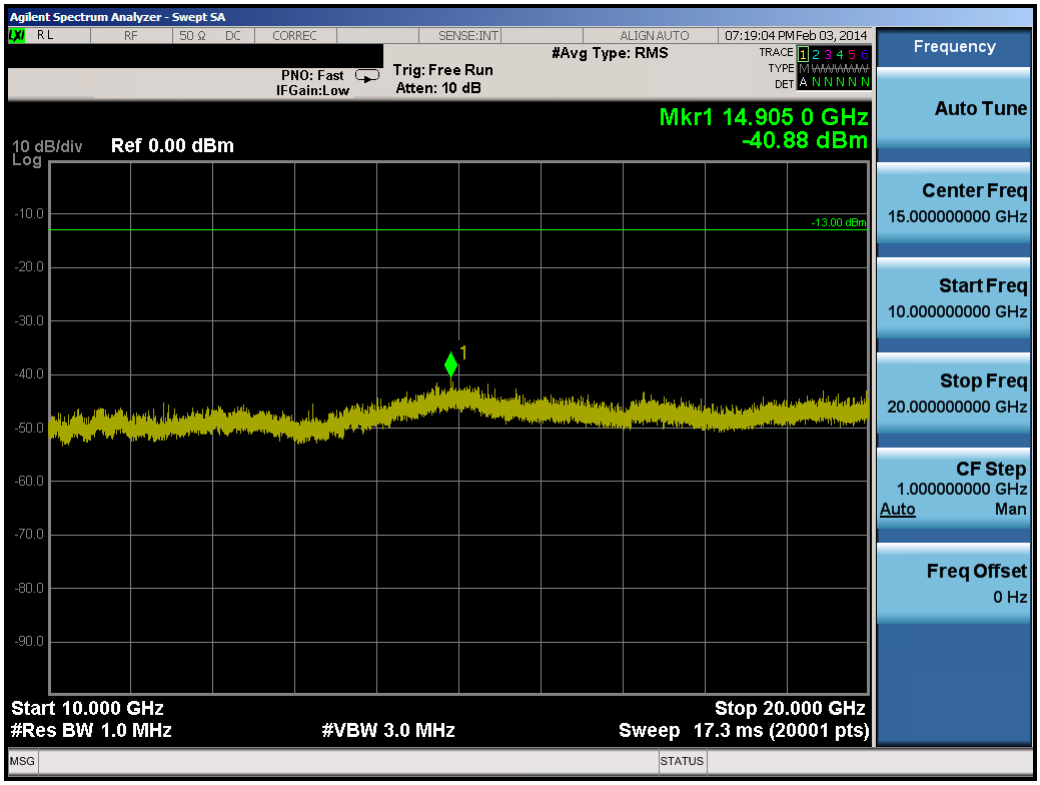
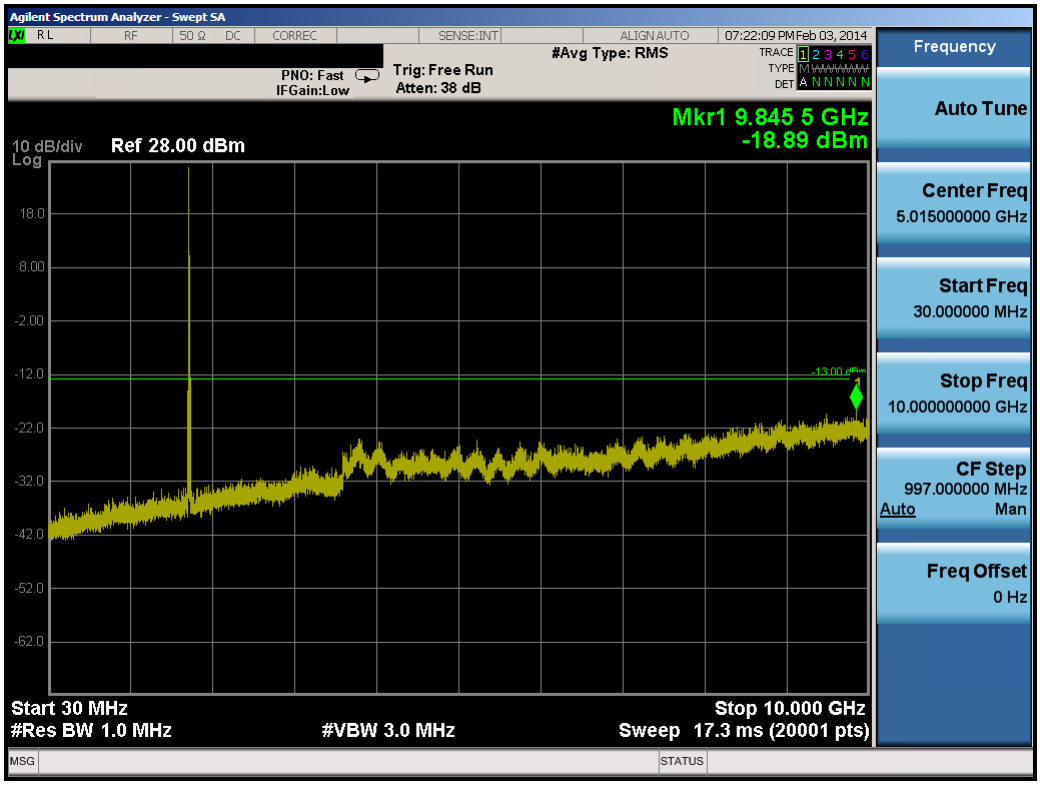


Plot 9-78. Conducted Spurious Plot (20.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)



Plot 9-79. Conducted Spurious Plot (20.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)

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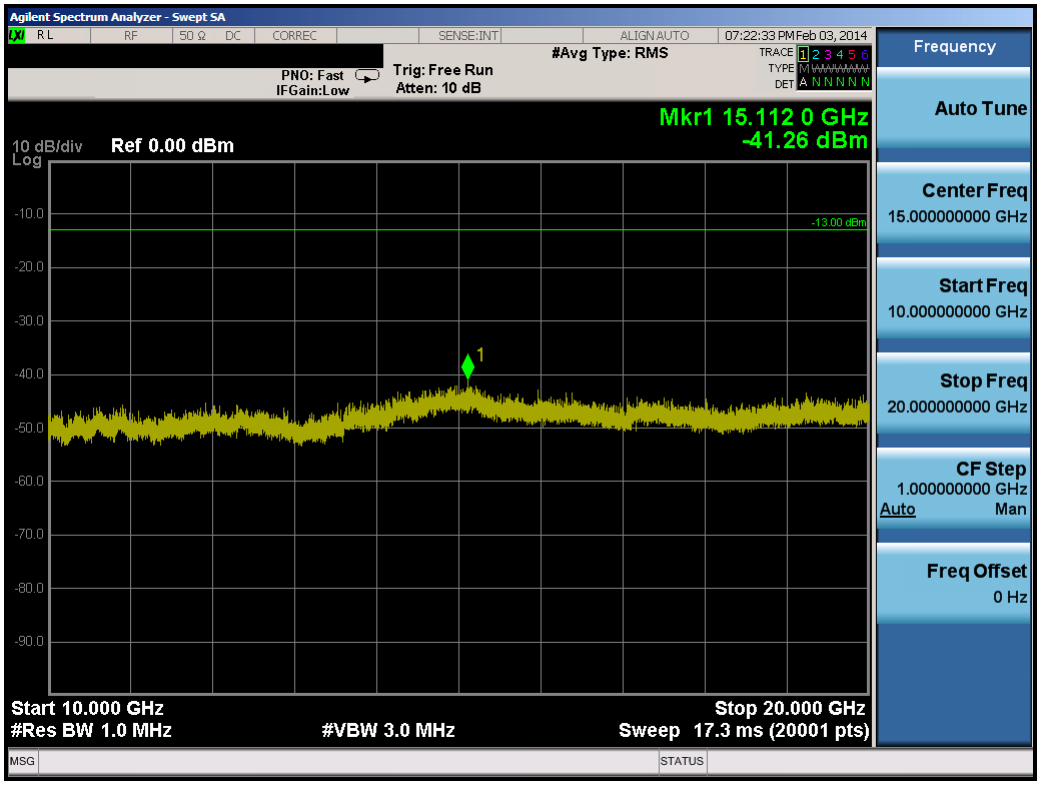
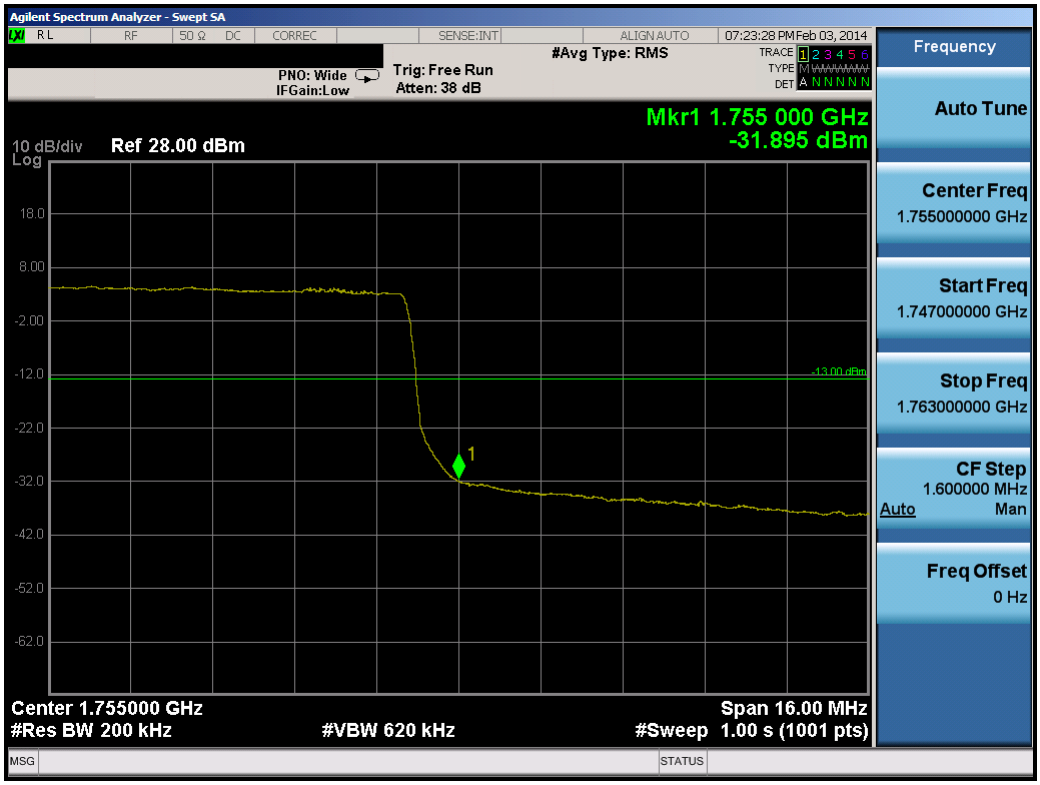


Plot 9-80. Conducted Spurious Plot (20.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)



Plot 9-81. Upper Band Edge Plot (20.0MHz QPSK – RB Size 100)

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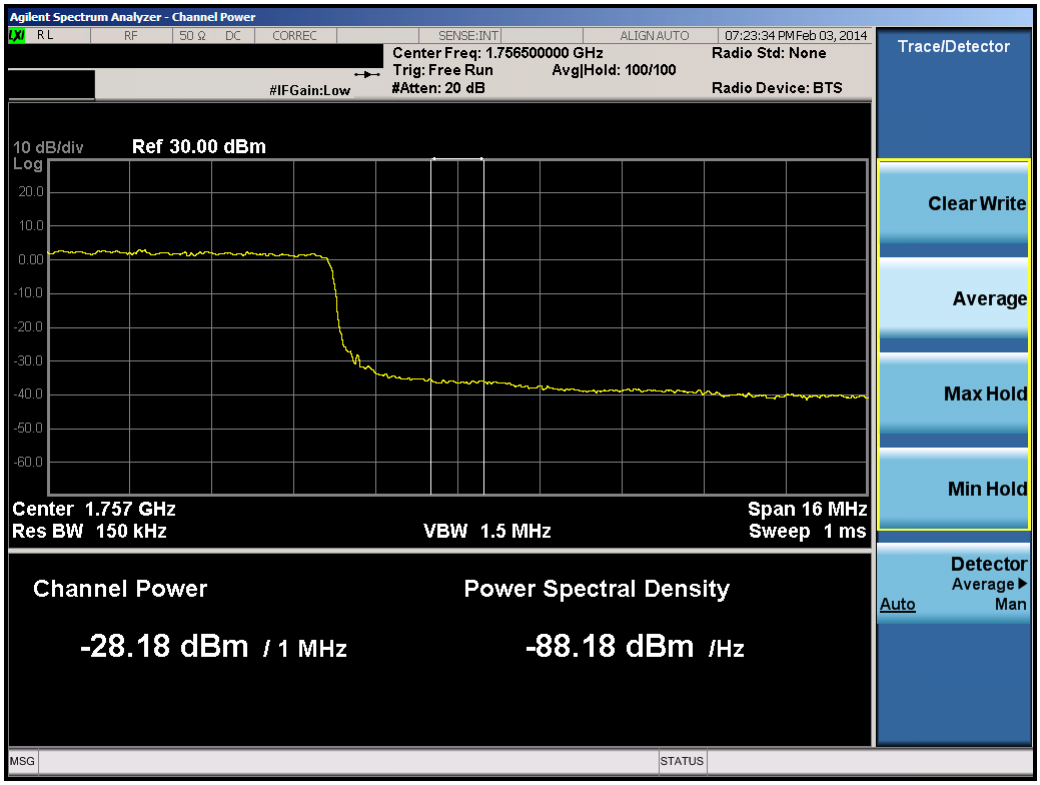
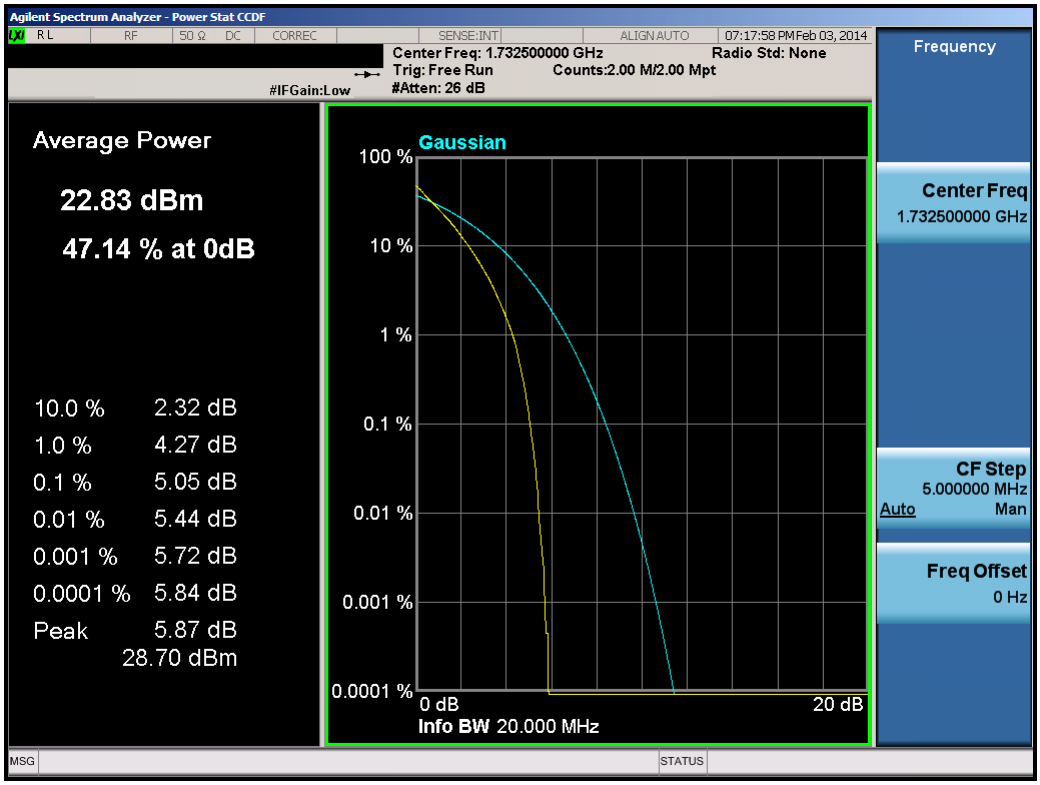


Plot 9-82. Upper Extended Band Edge Plot (20.0MHz QPSK – RB Size 100)



Plot 9-83. PAR Plot (20.0MHz QPSK – RB Size 100)

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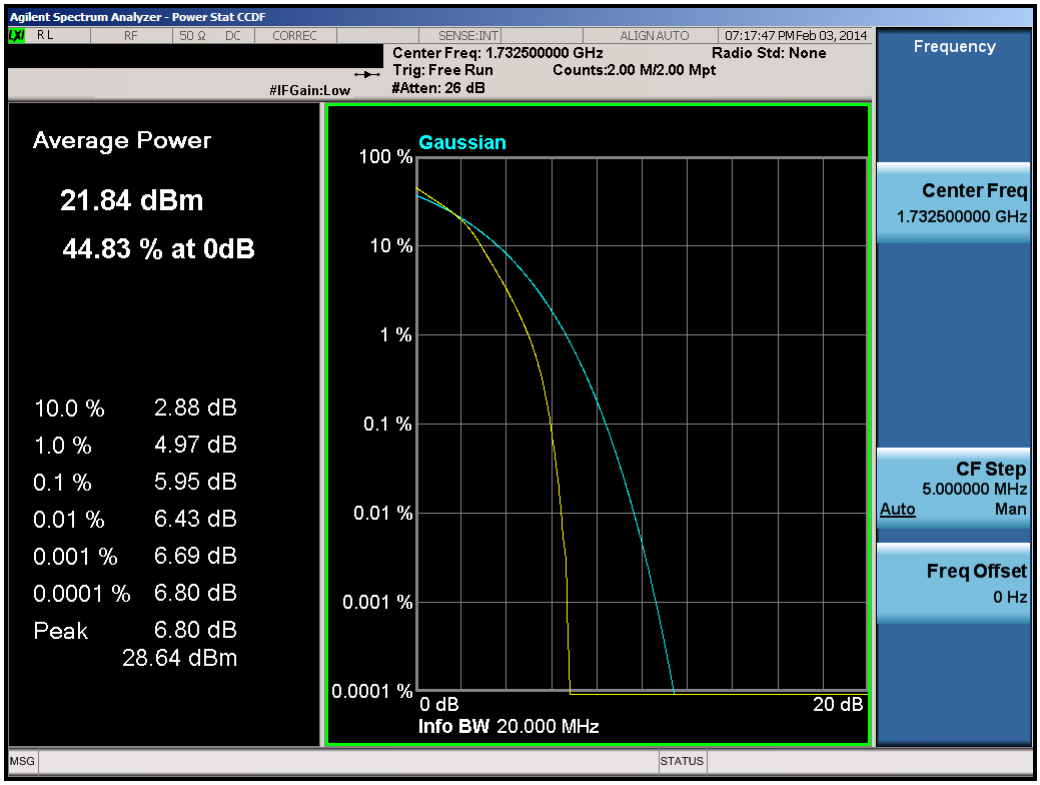

Plot 9-84. PAR Plot (20.0MHz 16-QAM – RB Size 100)

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10.0 BAND 2 PLOTS OF EMISSIONS

Note: All bandwidths, RB configurations, and modulations were investigated. The worst case test results are reported below.

Plot 10-1. Lower Band Edge Plot (1.4MHz QPSK – RB Size 6)

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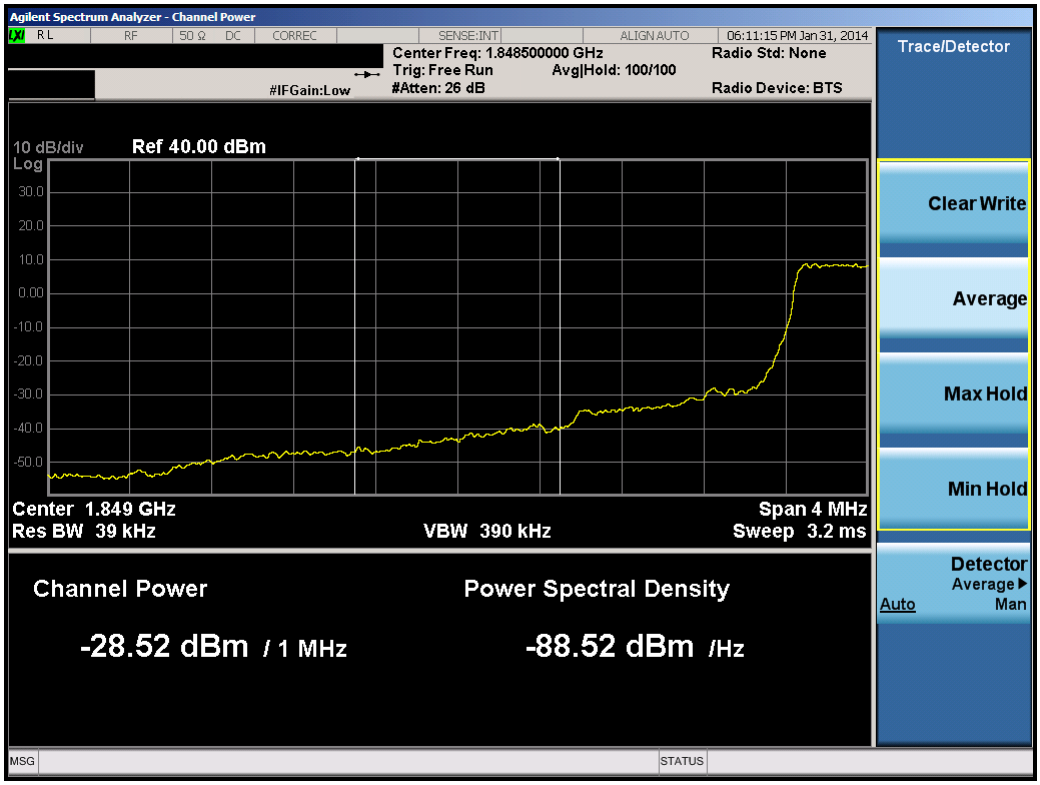
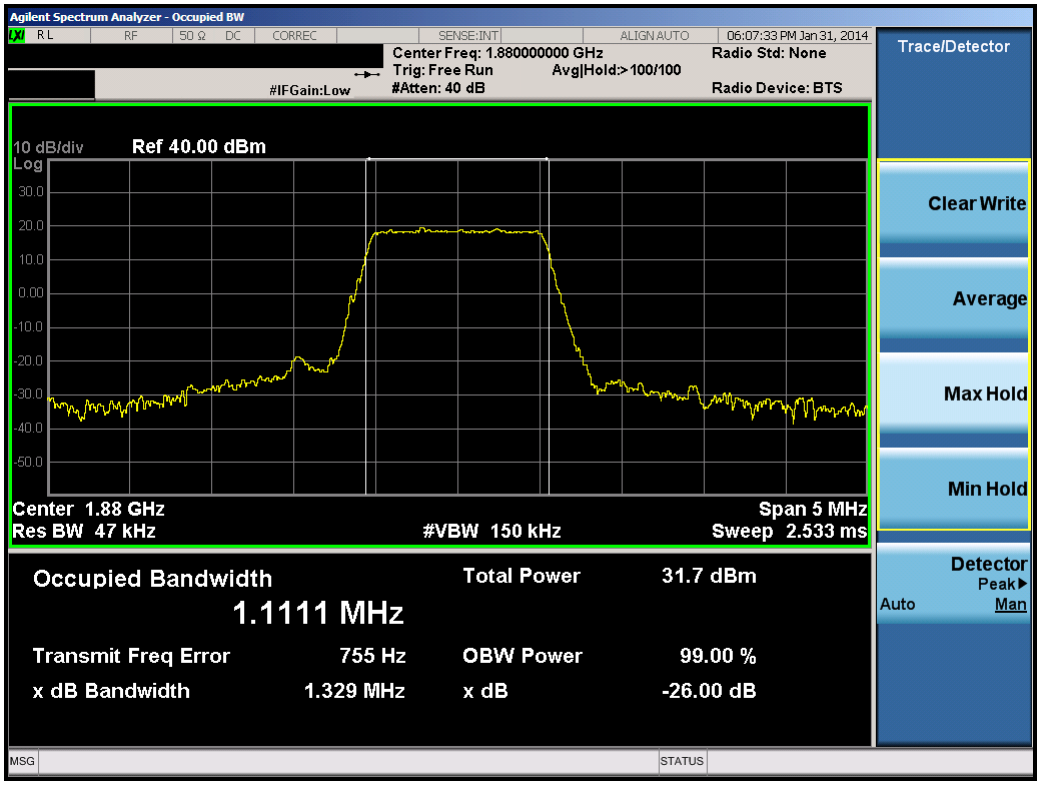


Plot 10-2. Lower Extended Band Edge Plot (1.4MHz QPSK – RB Size 6)



Plot 10-3. Occupied Bandwidth Plot (1.4MHz QPSK – RB Size 6)

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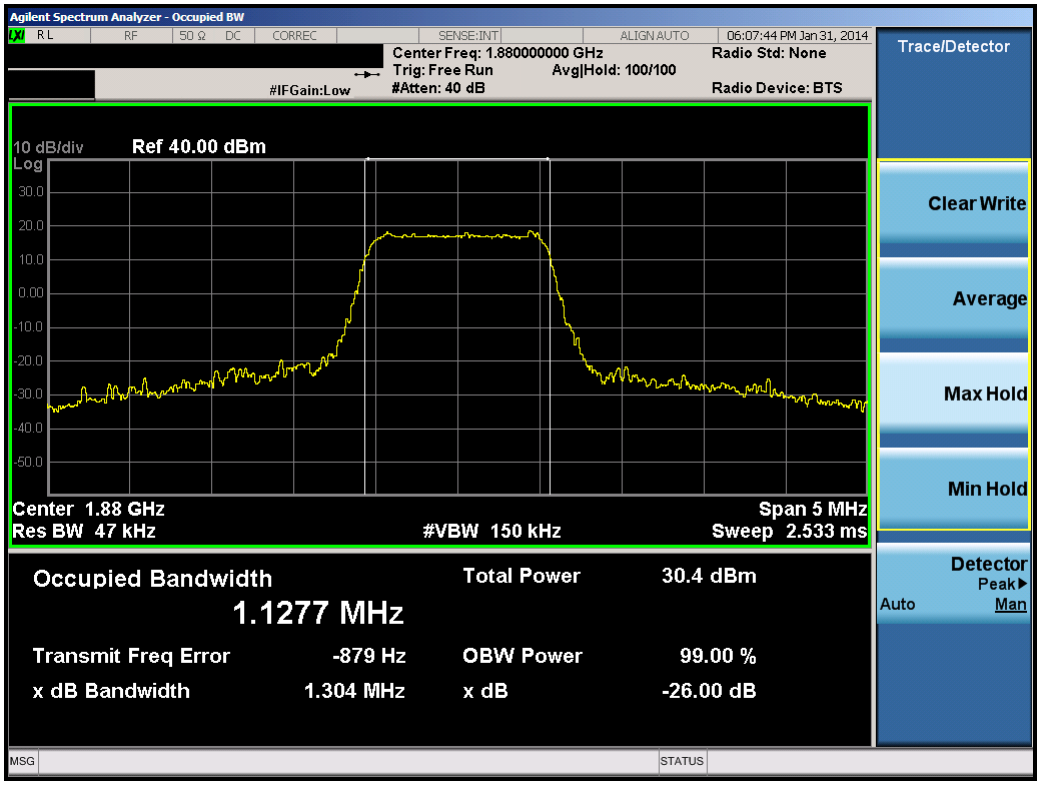
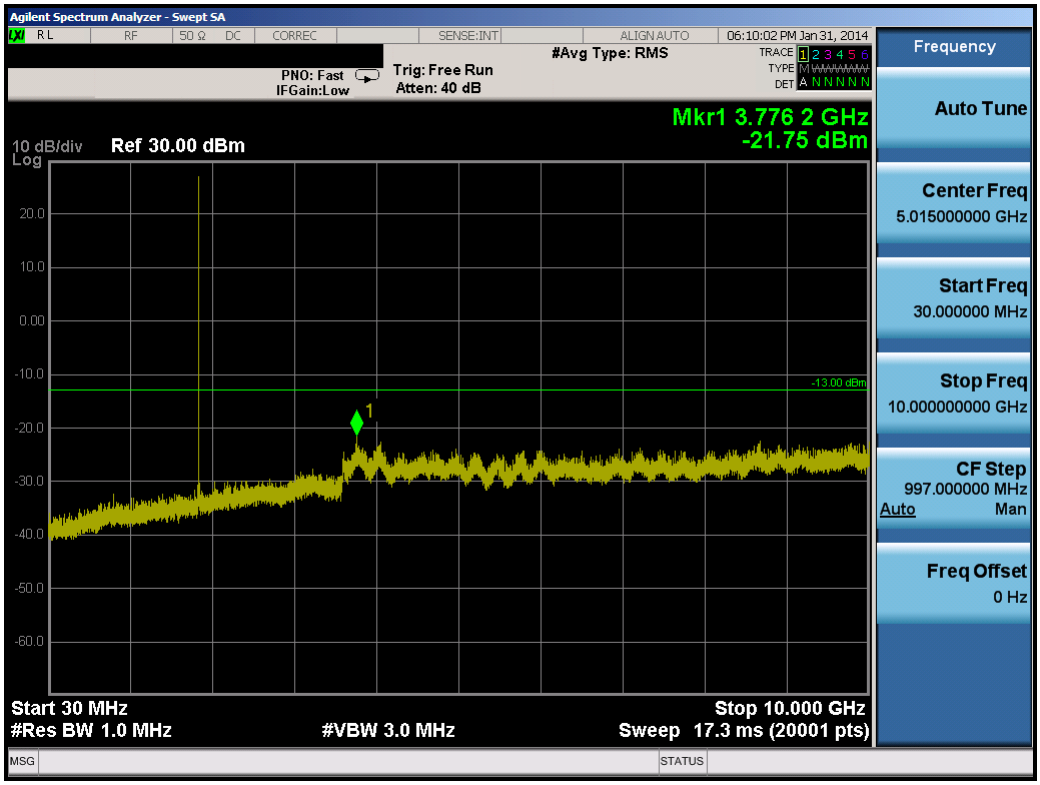


Plot 10-4. Occupied Bandwidth Plot (1.4MHz 16-QAM – RB Size 6)



Plot 10-5. Conducted Spurious Plot (1.4MHz QPSK – RB Size 1, RB Offset 0 – Low Channel)

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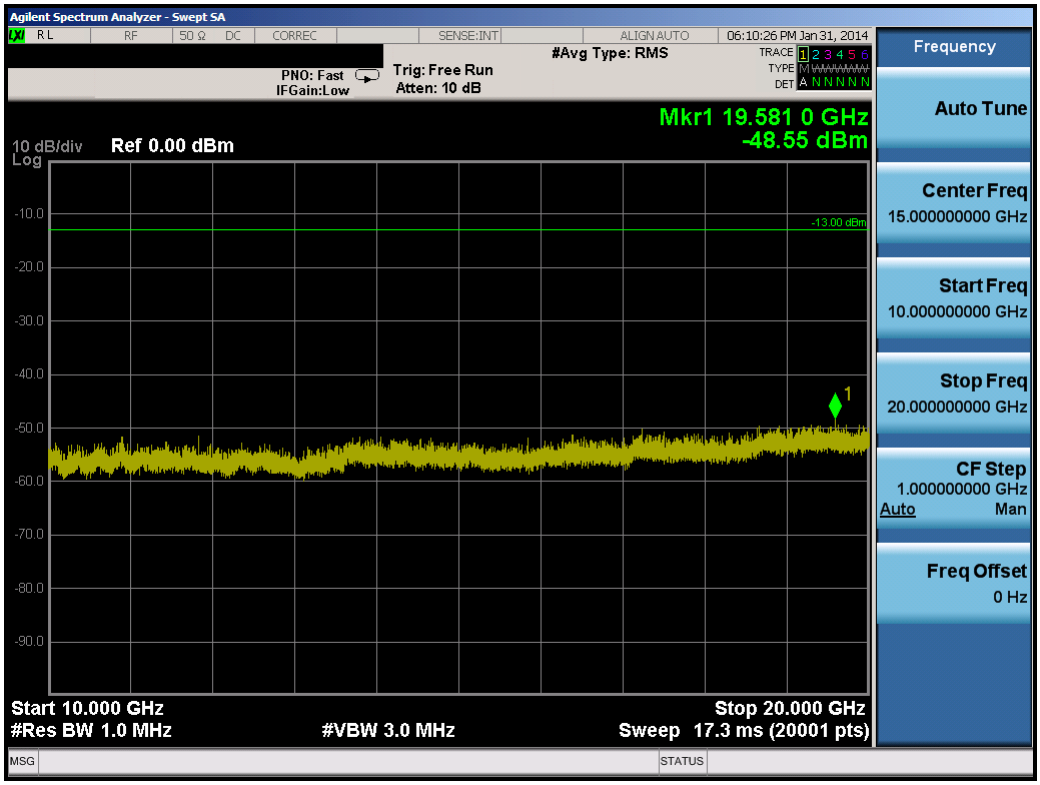
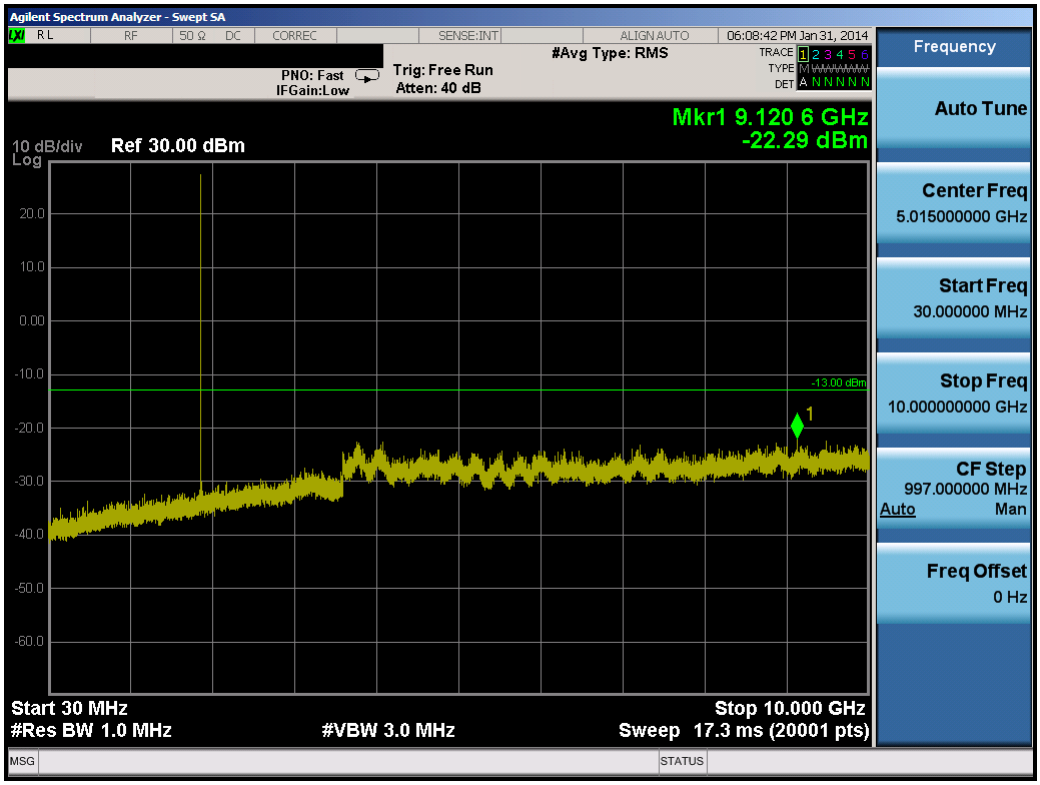


Plot 10-6. Conducted Spurious Plot (1.4MHz QPSK – RB Size 1, RB Offset 0 – Low Channel)



Plot 10-7. Conducted Spurious Plot (1.4MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)

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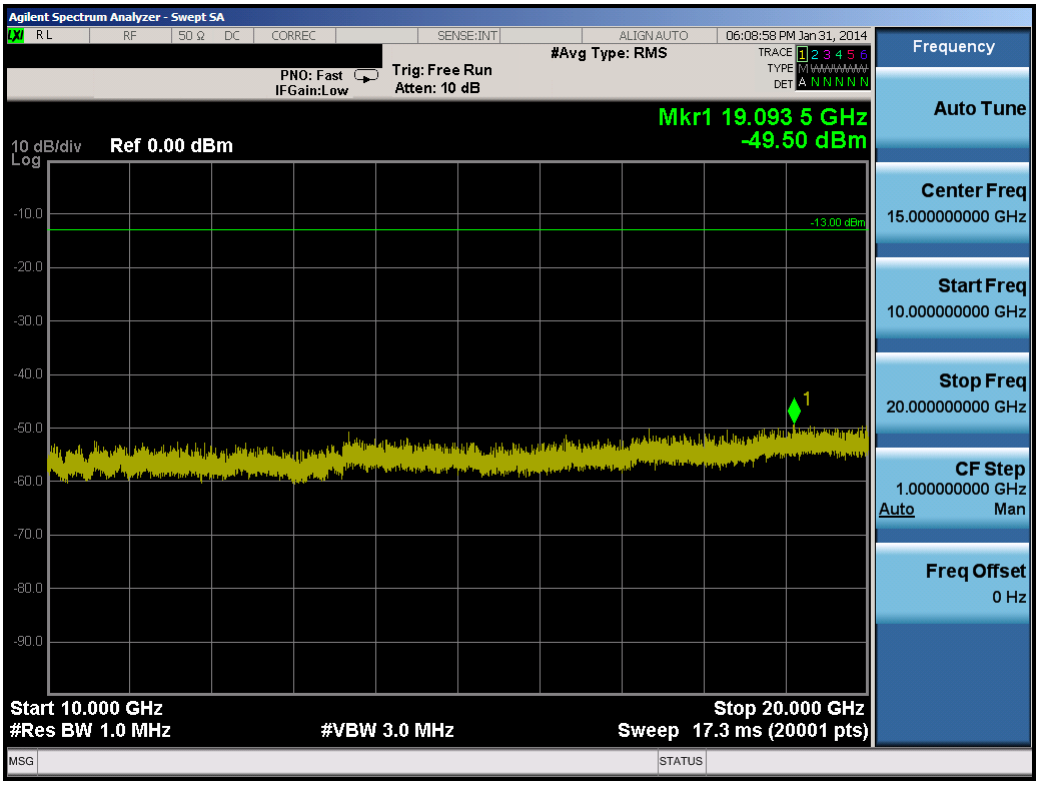
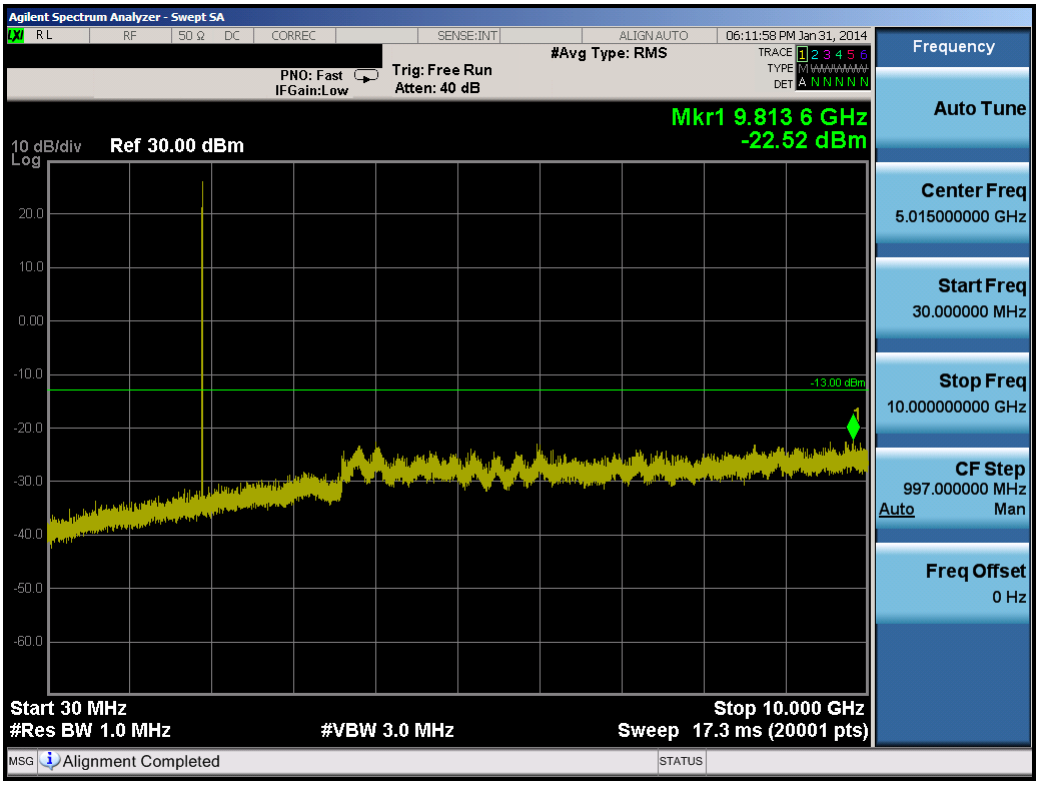


Plot 10-8. Conducted Spurious Plot (1.4MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)



Plot 10-9. Conducted Spurious Plot (1.4MHz QPSK – RB Size 1, RB Offset 0 – High Channel)

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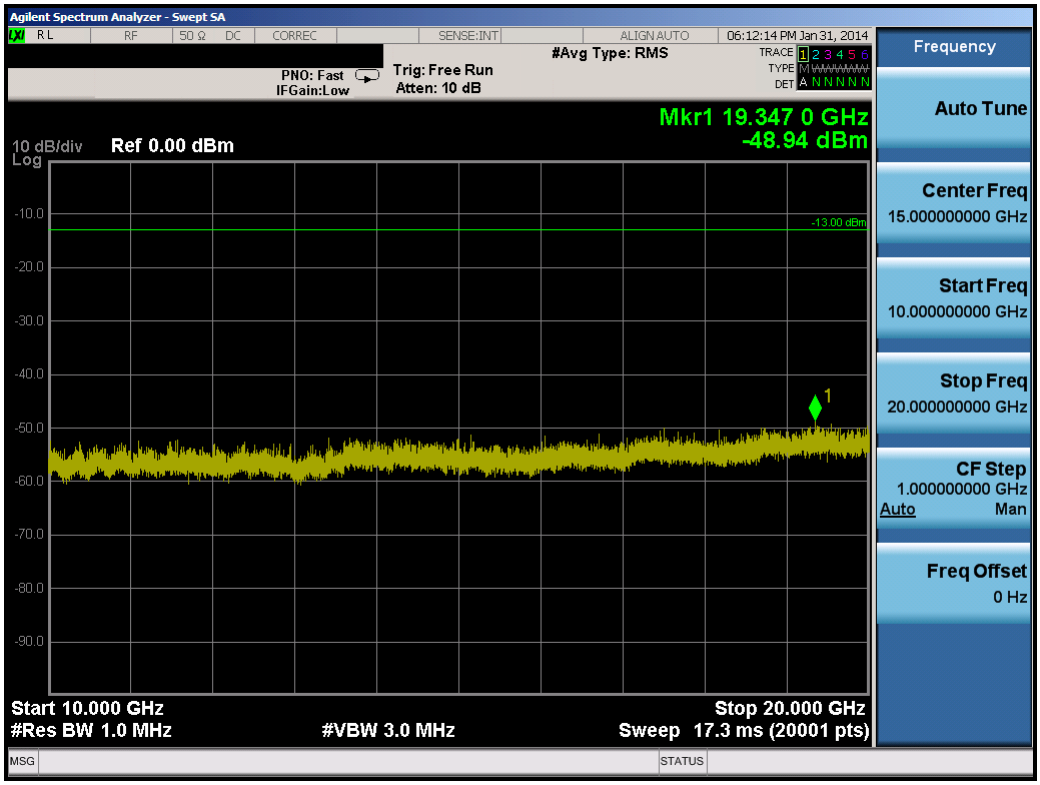

Plot 10-10. Conducted Spurious Plot (1.4MHz QPSK – RB Size 1, RB Offset 0 – High Channel)

Plot 10-11. Upper Band Edge Plot (1.4MHz QPSK – RB Size 6)

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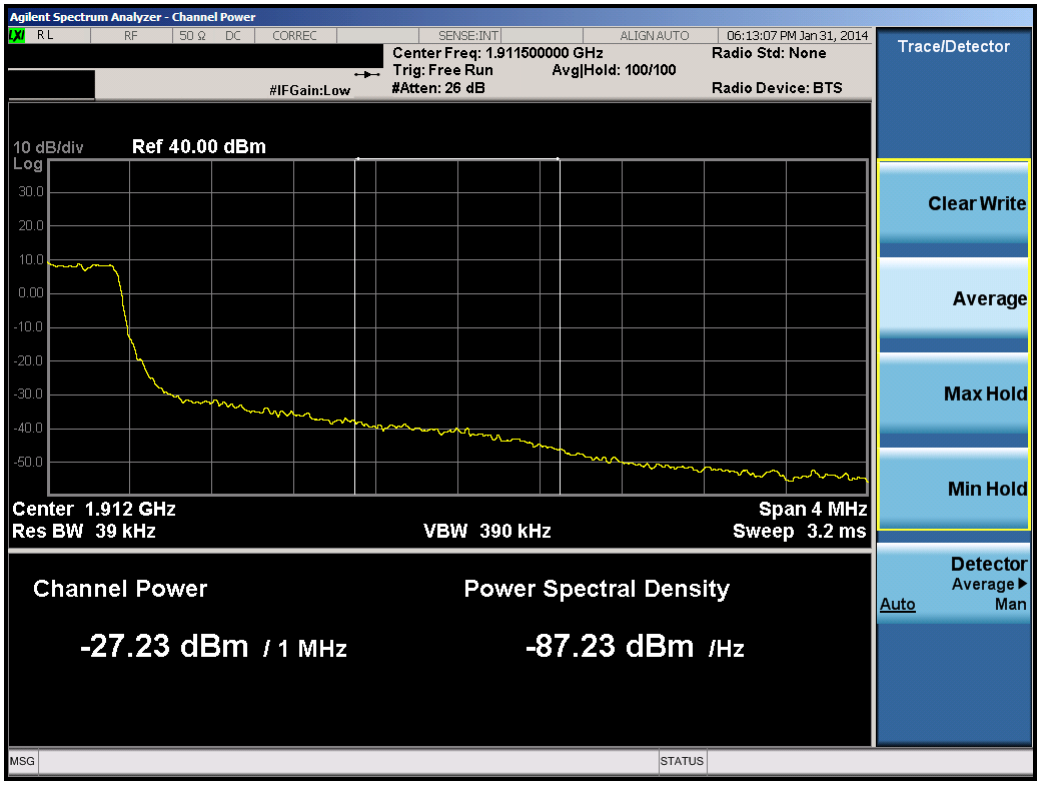
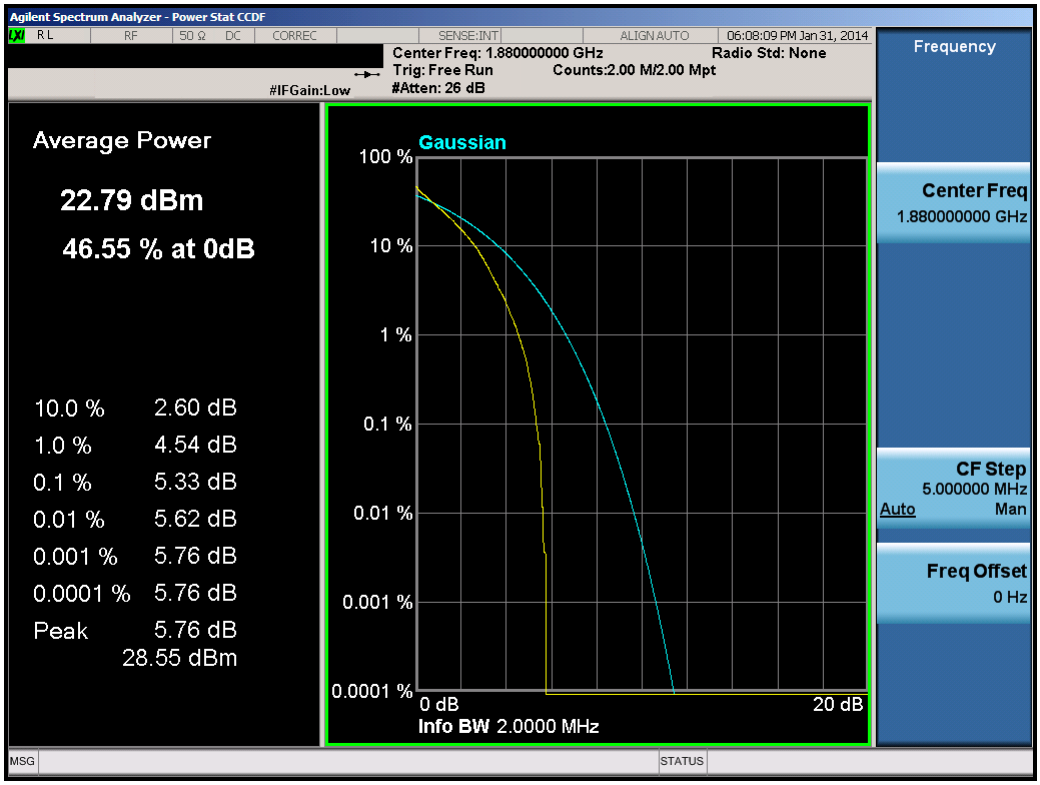


Plot 10-12. Upper Extended Band Edge Plot (1.4MHz QPSK – RB Size 6)



Plot 10-13. PAR Plot (1.4MHz QPSK – RB Size 6)

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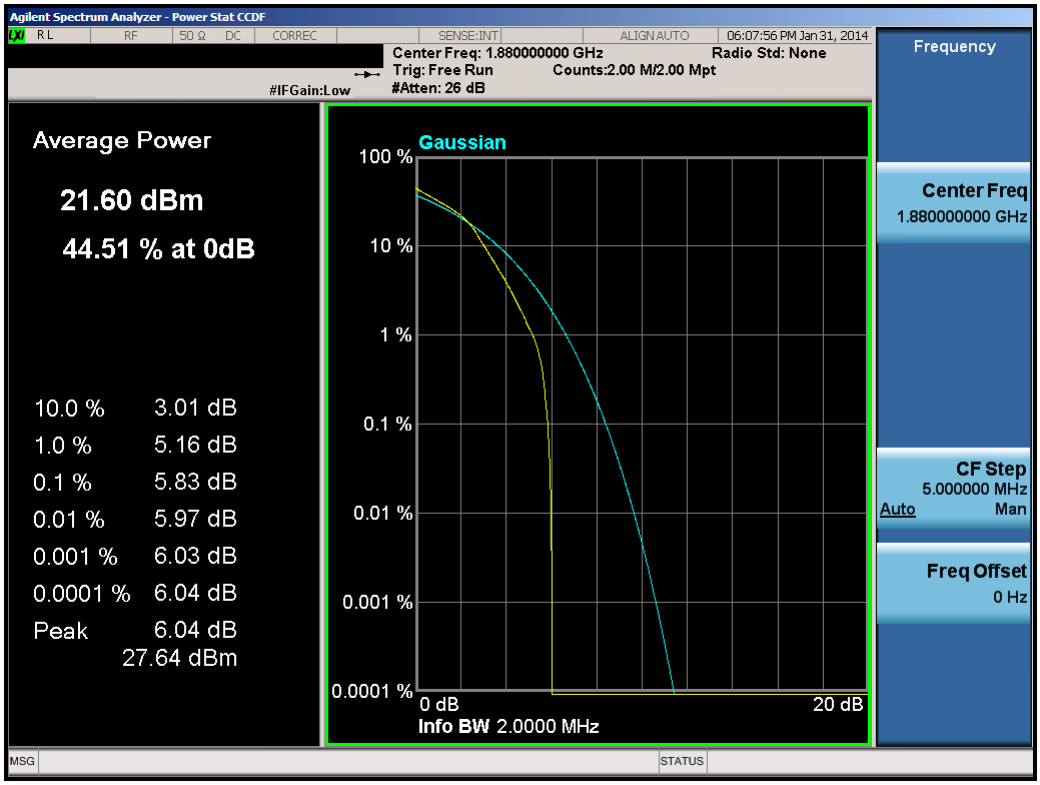
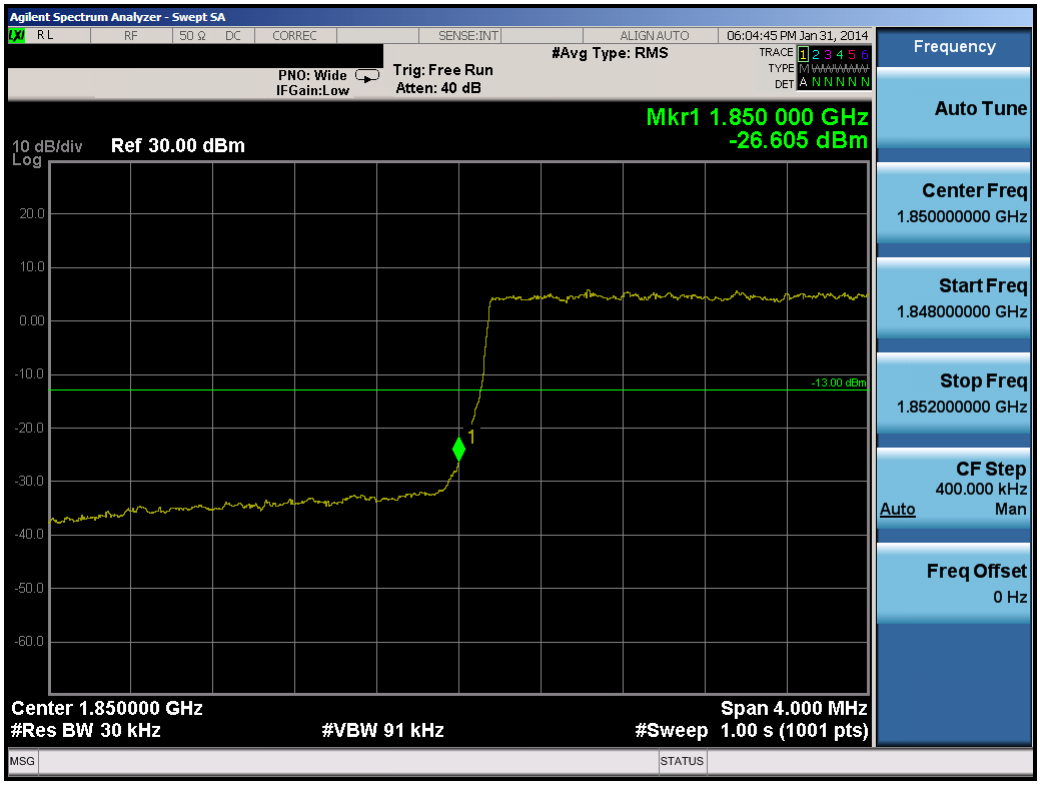


Plot 10-14. PAR Plot (1.4MHz 16-QAM – RB Size 6)



Plot 10-15. Lower Band Edge Plot (3.0MHz QPSK – RB Size 15)

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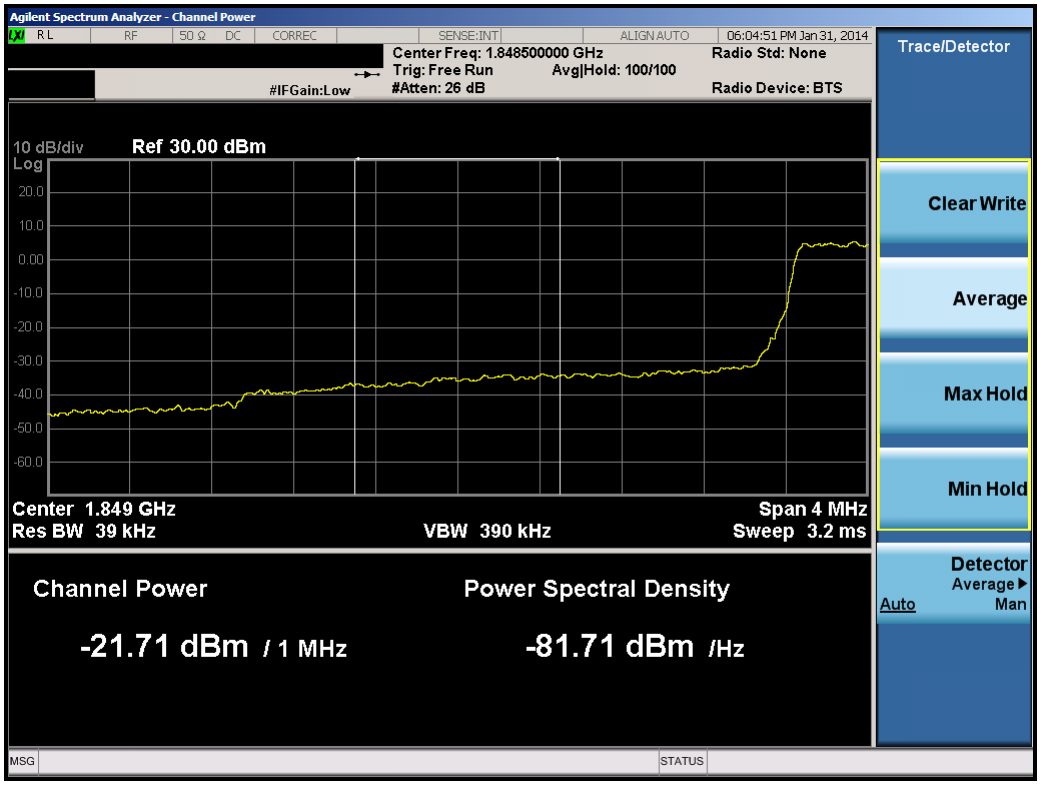

Plot 10-16. Lower Extended Band Edge Plot (3.0MHz QPSK – RB Size 15)

Plot 10-17. Occupied Bandwidth Plot (3.0MHz QPSK – RB Size 15)

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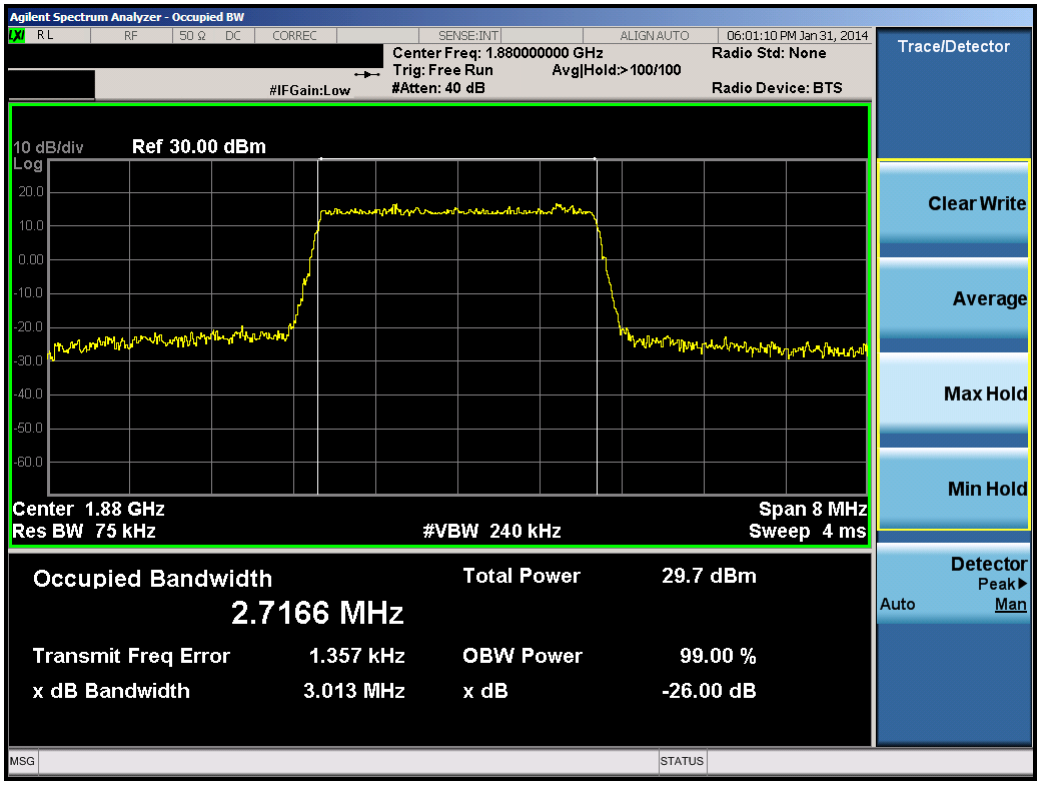
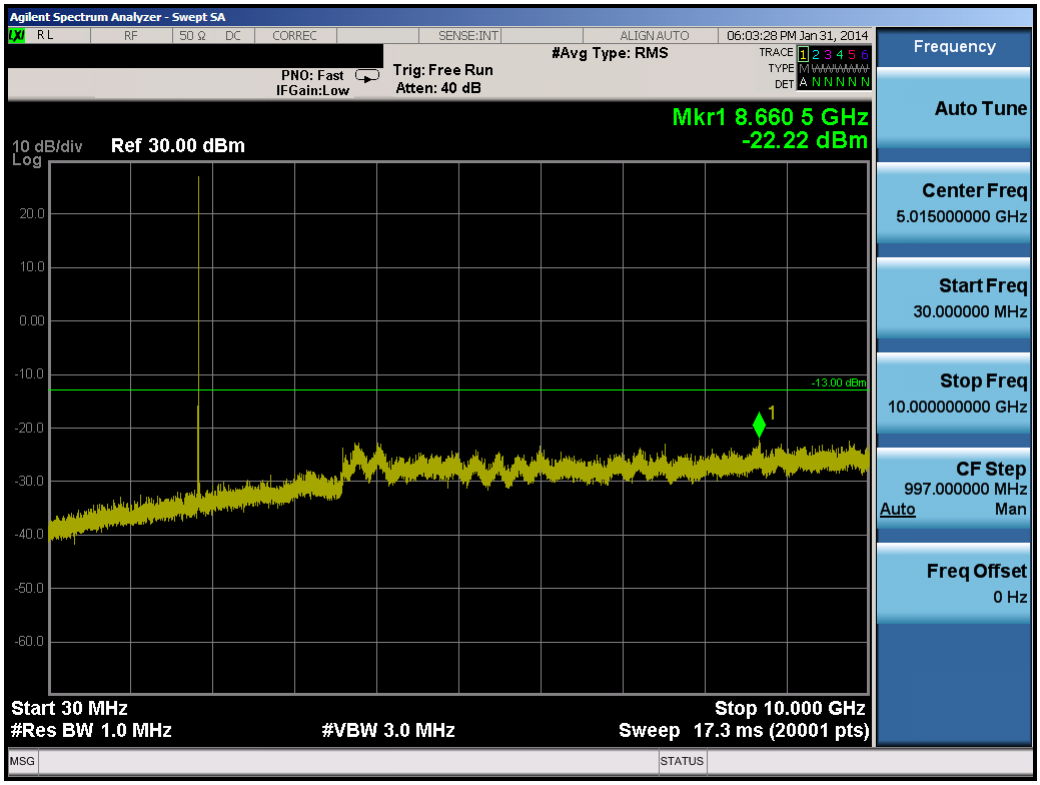


Plot 10-18. Occupied Bandwidth Plot (3.0MHz 16-QAM – RB Size 15)



Plot 10-19. Conducted Spurious Plot (3.0MHz QPSK – RB Size 1, RB Offset 0 – Low Channel)

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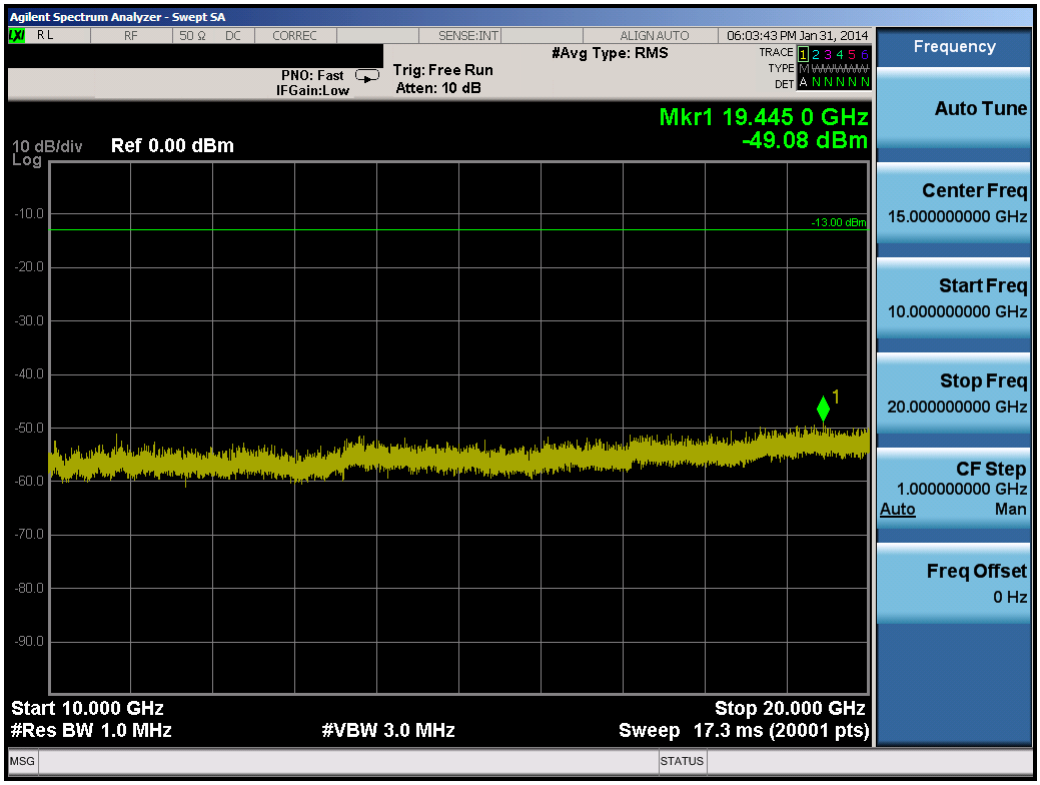
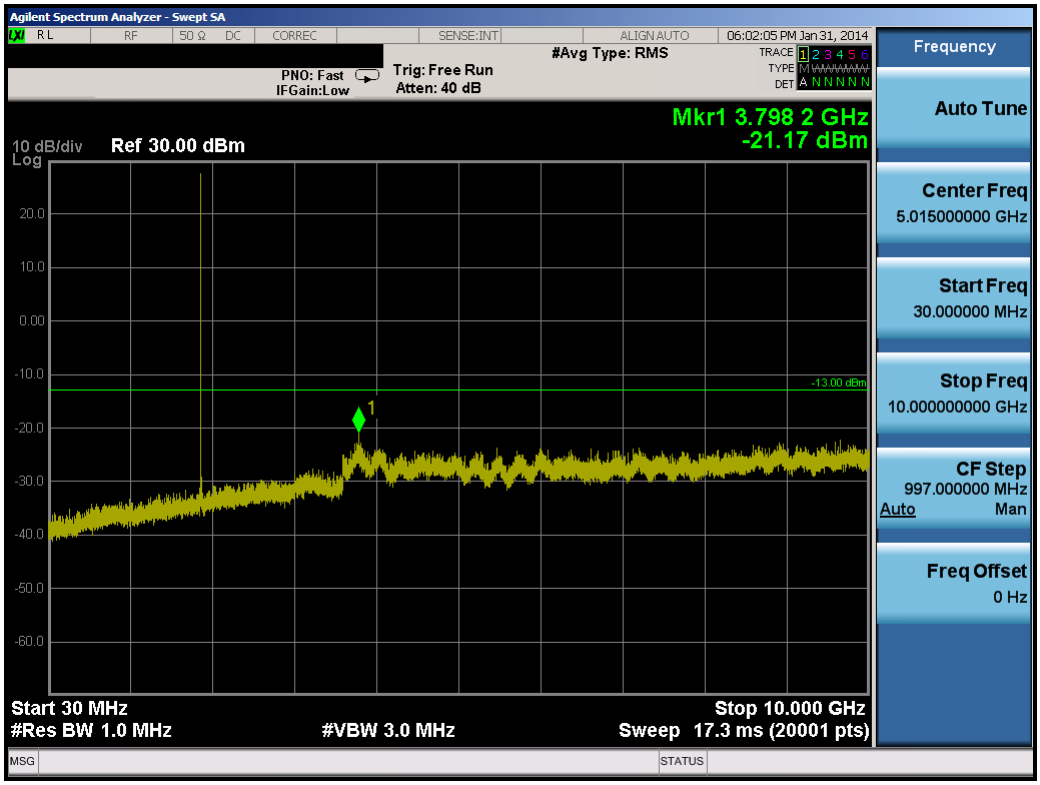


Plot 10-20. Conducted Spurious Plot (3.0MHz QPSK – RB Size 1, RB Offset 0 – Low Channel)



Plot 10-21. Conducted Spurious Plot (3.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)

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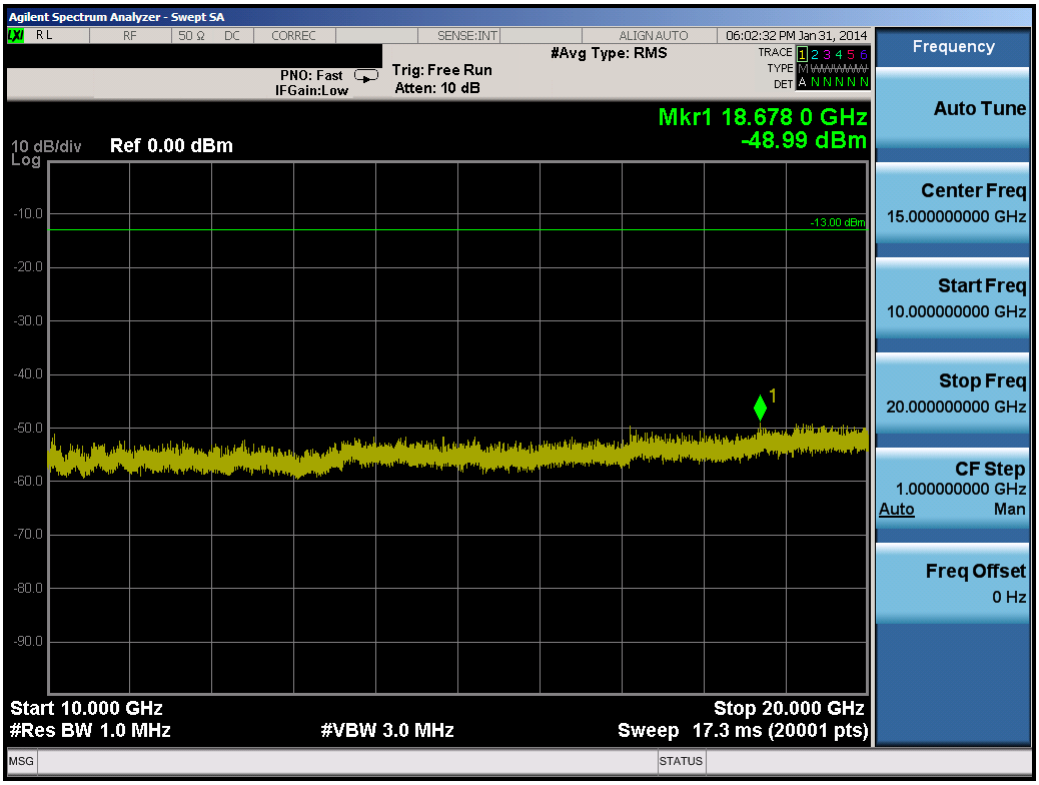
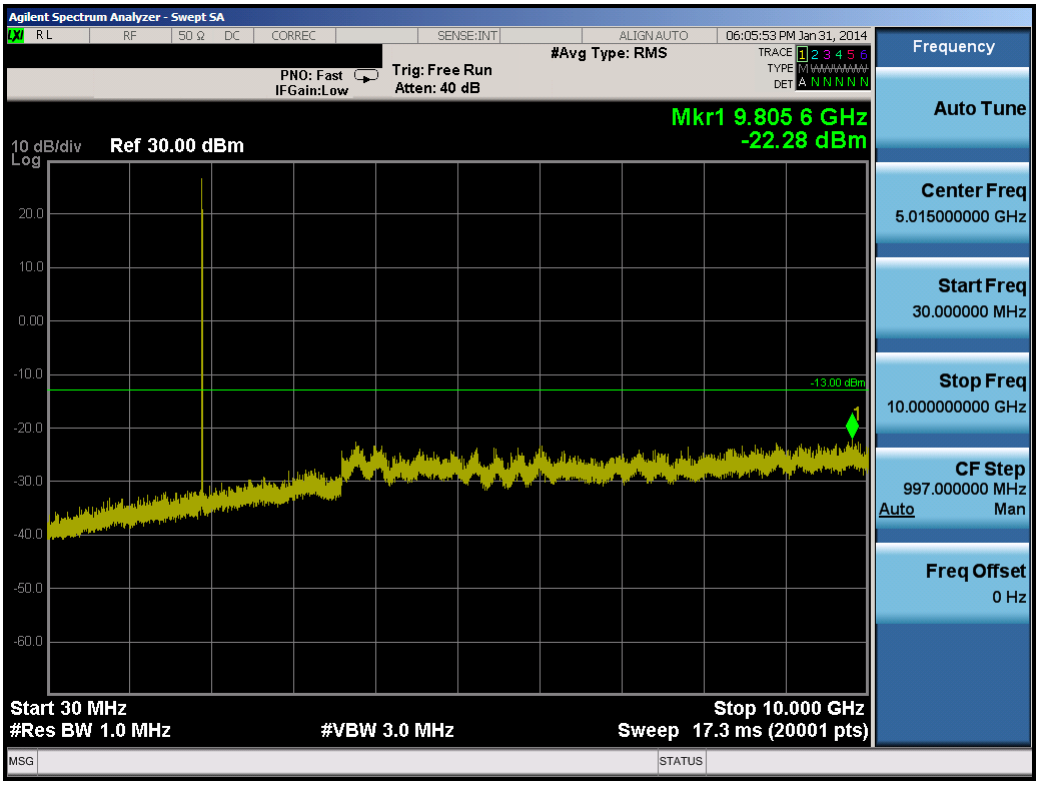


Plot 10-22. Conducted Spurious Plot (3.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)



Plot 10-23. Conducted Spurious Plot (3.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)

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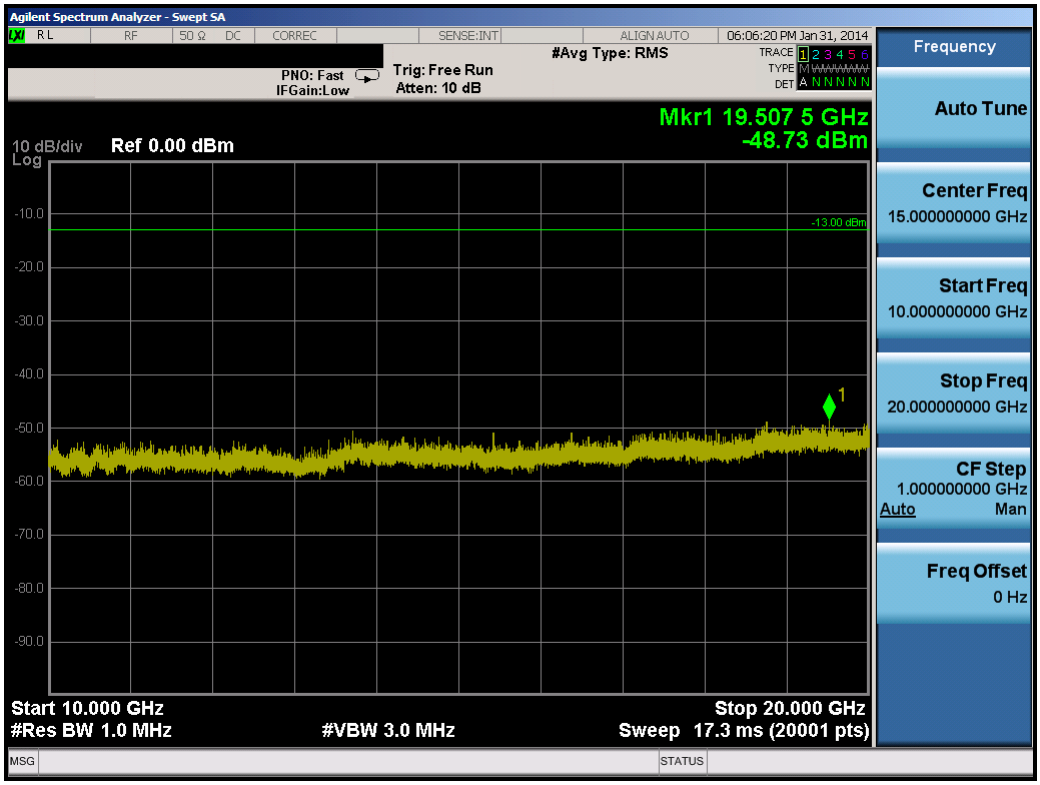

Plot 10-24. Conducted Spurious Plot (3.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)

Plot 10-25. Upper Band Edge Plot (3.0MHz QPSK – RB Size 15)

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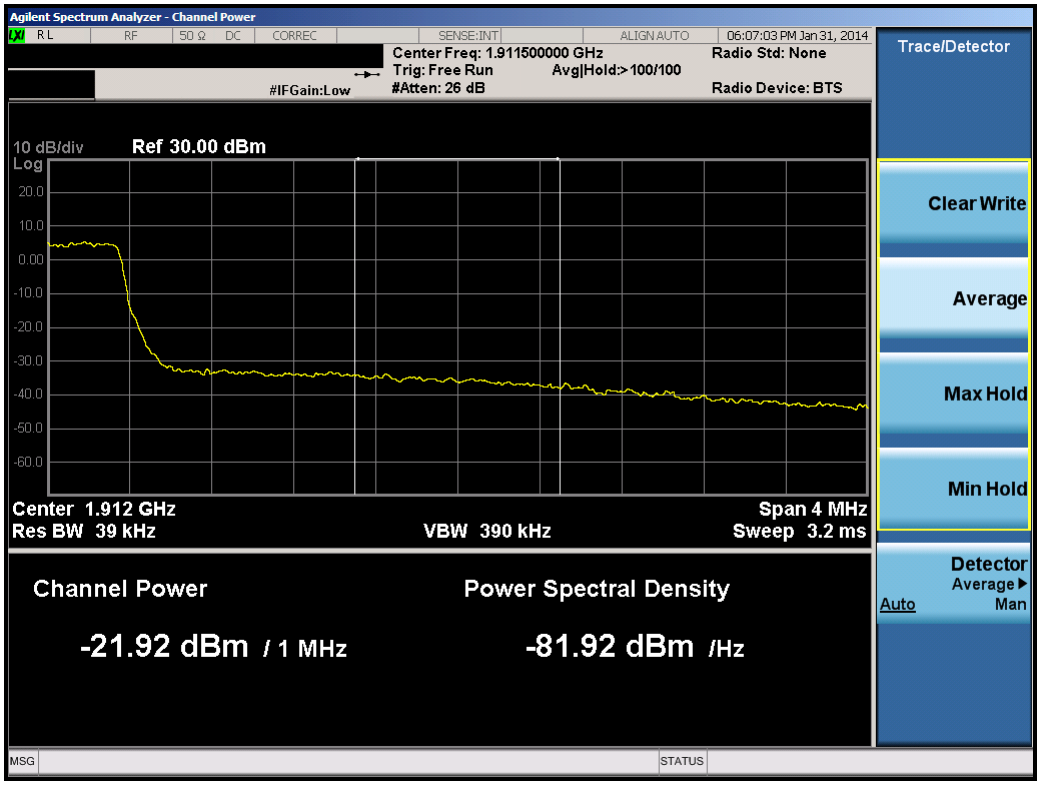
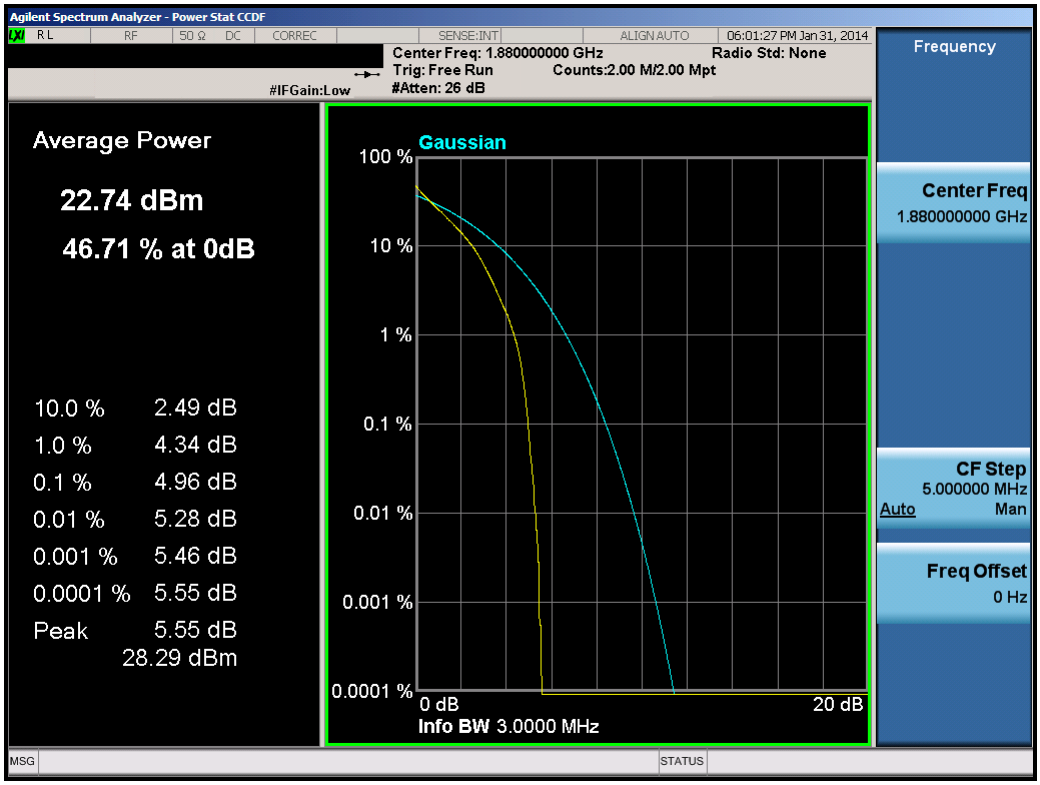


Plot 10-26. Upper Extended Band Edge Plot (3.0MHz QPSK – RB Size 15)



Plot 10-27. PAR Plot (3.0MHz QPSK – RB Size 15)

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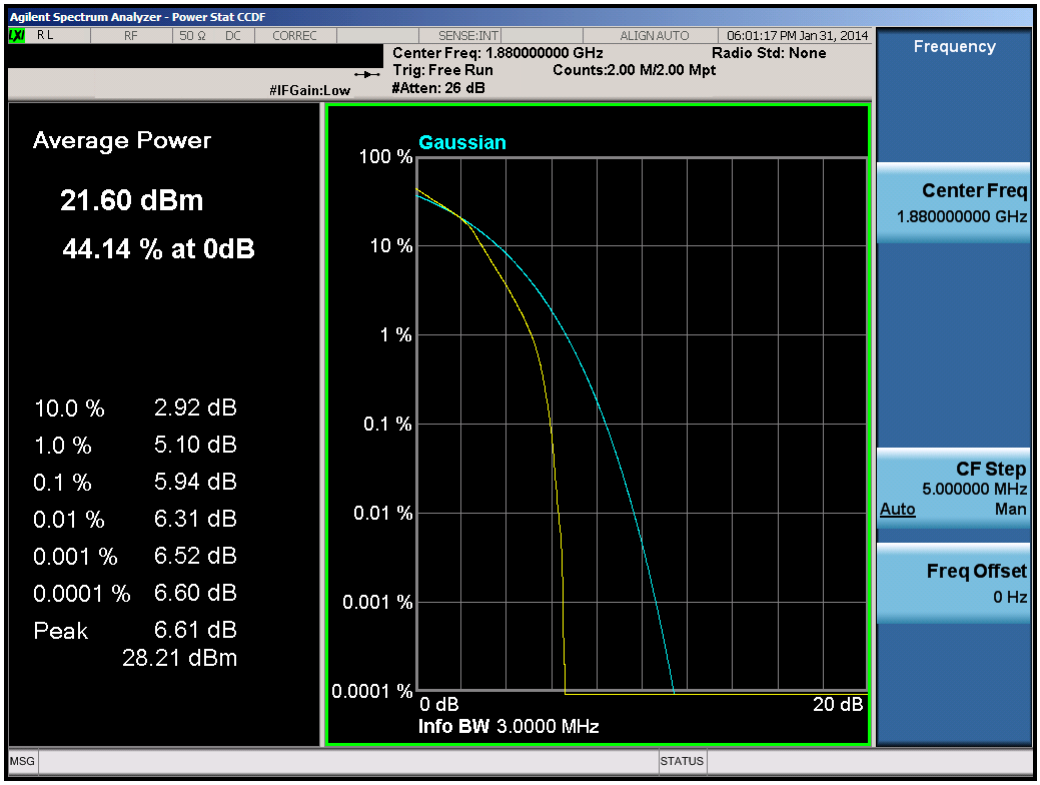
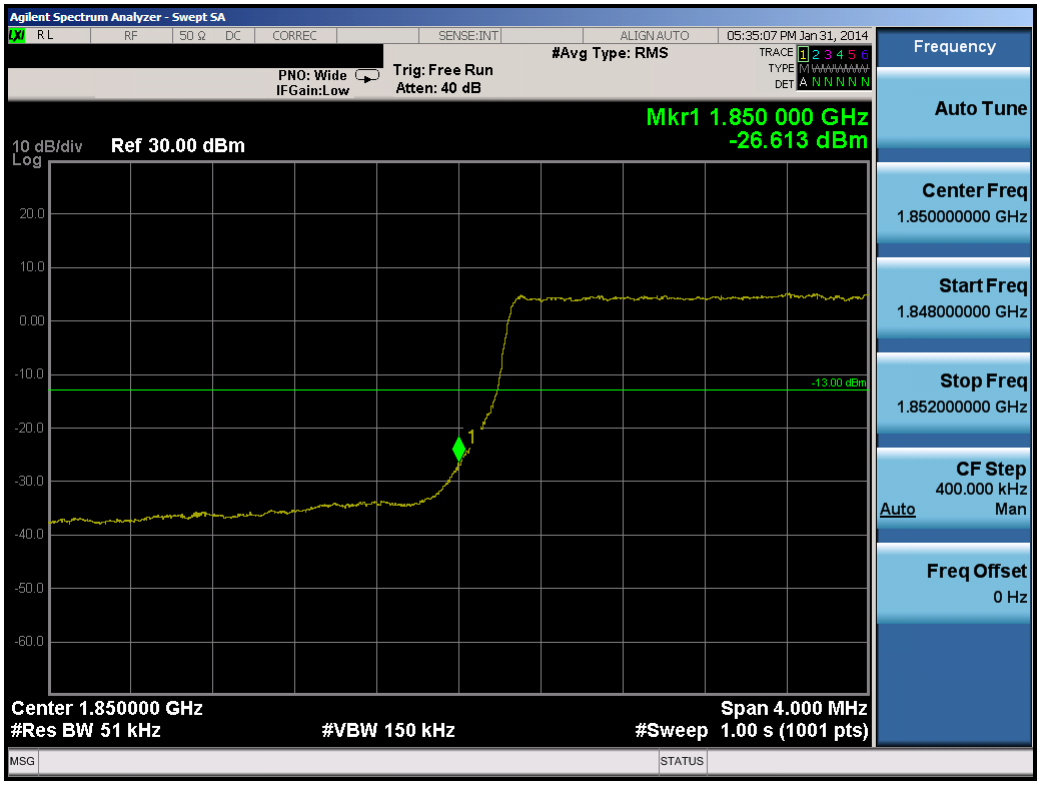


Plot 10-28. PAR Plot (3.0MHz 16-QAM – RB Size 15)



Plot 10-29. Lower Band Edge Plot (5.0MHz QPSK – RB Size 25)

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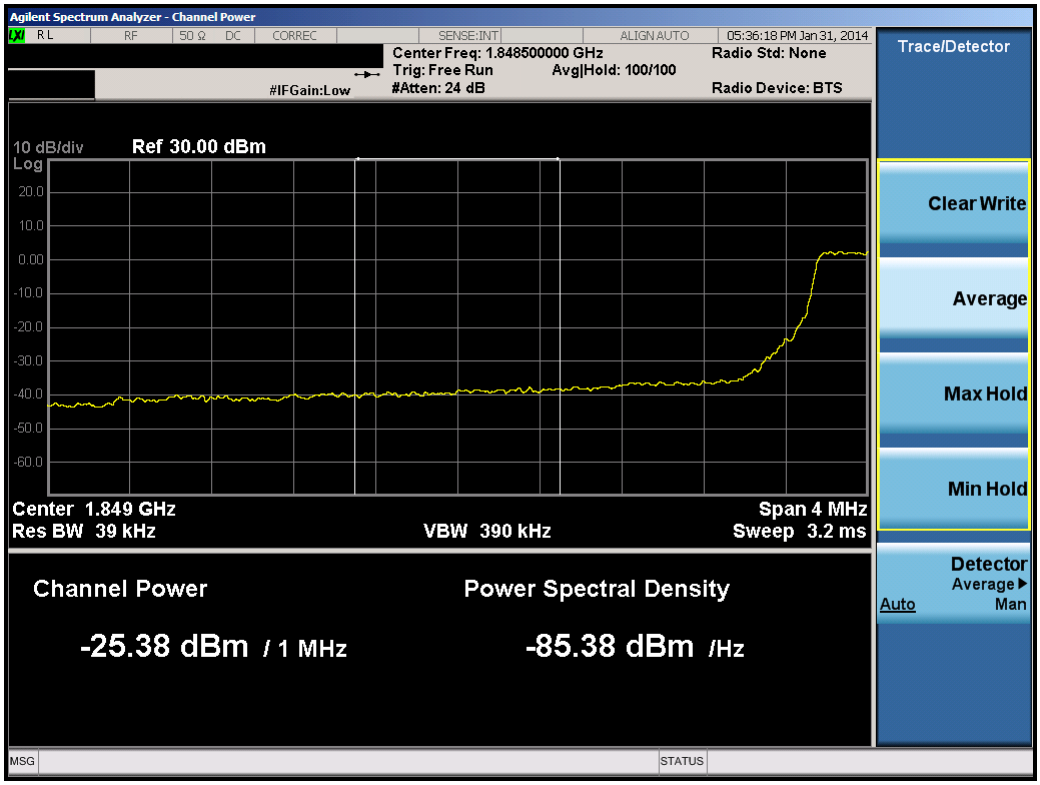

Plot 10-30. Lower Extended Band Edge Plot (5.0MHz QPSK – RB Size 25)

Plot 10-31. Occupied Bandwidth Plot (5.0MHz QPSK – RB Size 25)

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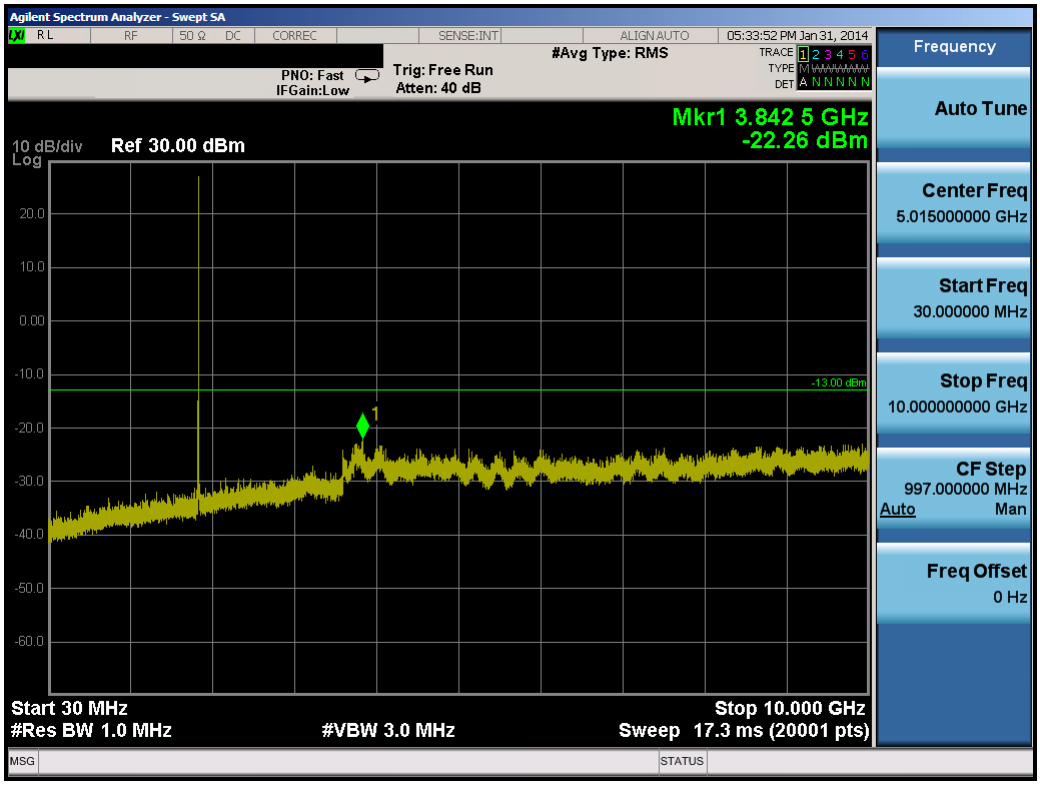
Plot 10-32. Occupied Bandwidth Plot (5.0MHz 16-QAM – RB Size 25)



Plot 10-33. Conducted Spurious Plot (5.0MHz QPSK – RB Size 1, RB Offset 0 – Low Channel)

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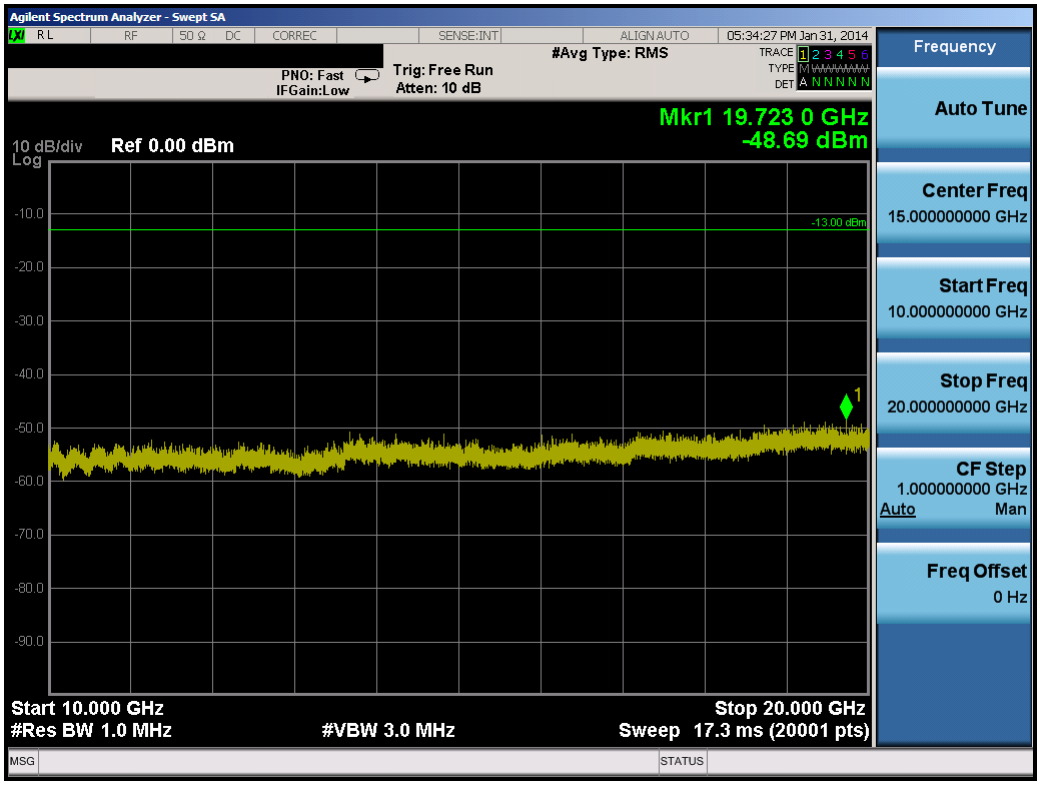
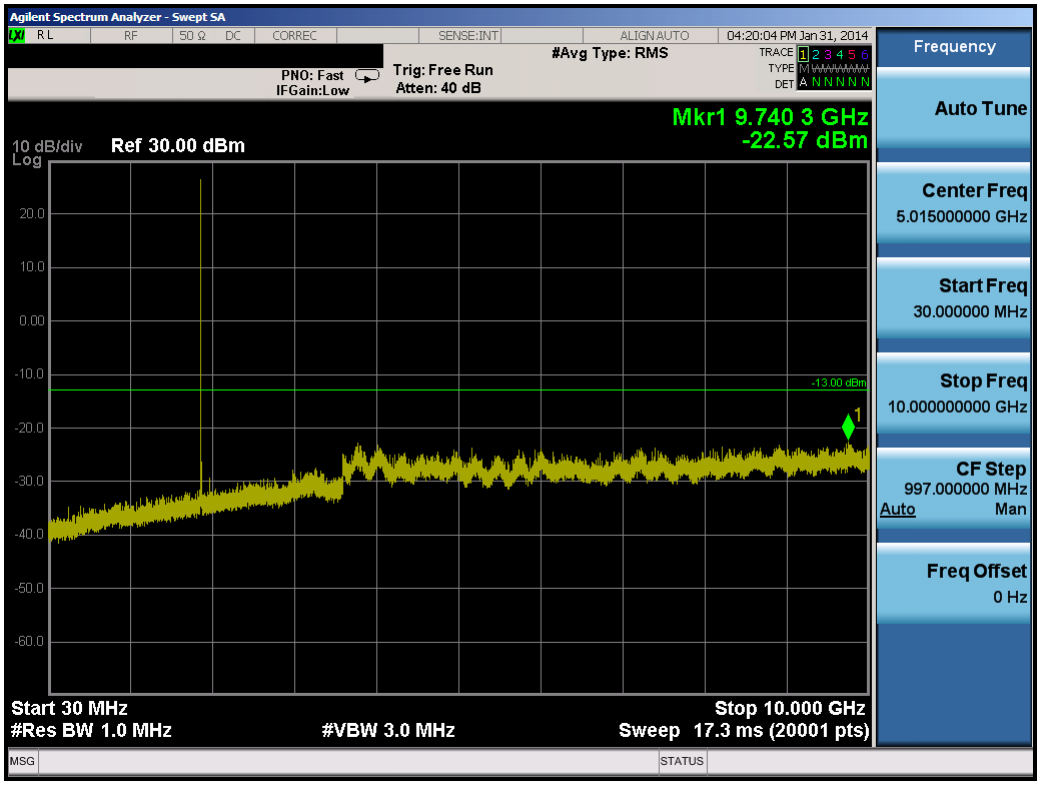


Plot 10-34. Conducted Spurious Plot (5.0MHz QPSK – RB Size 1, RB Offset 0 – Low Channel)



Plot 10-35. Conducted Spurious Plot (5.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)

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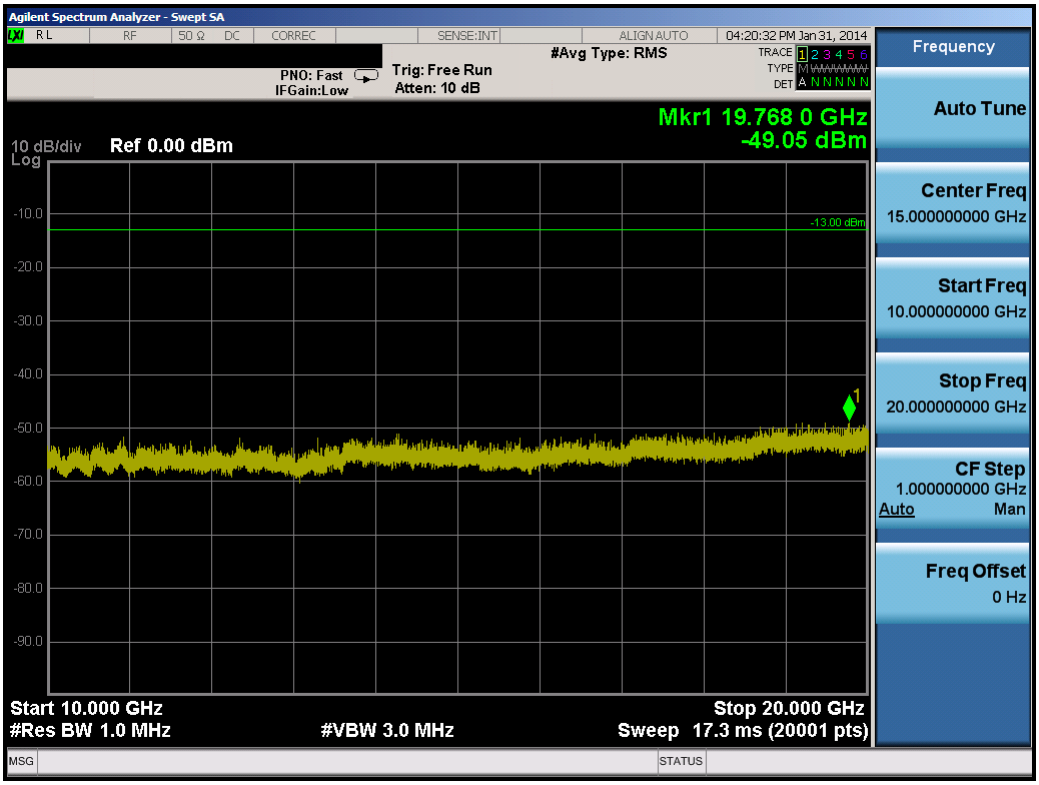
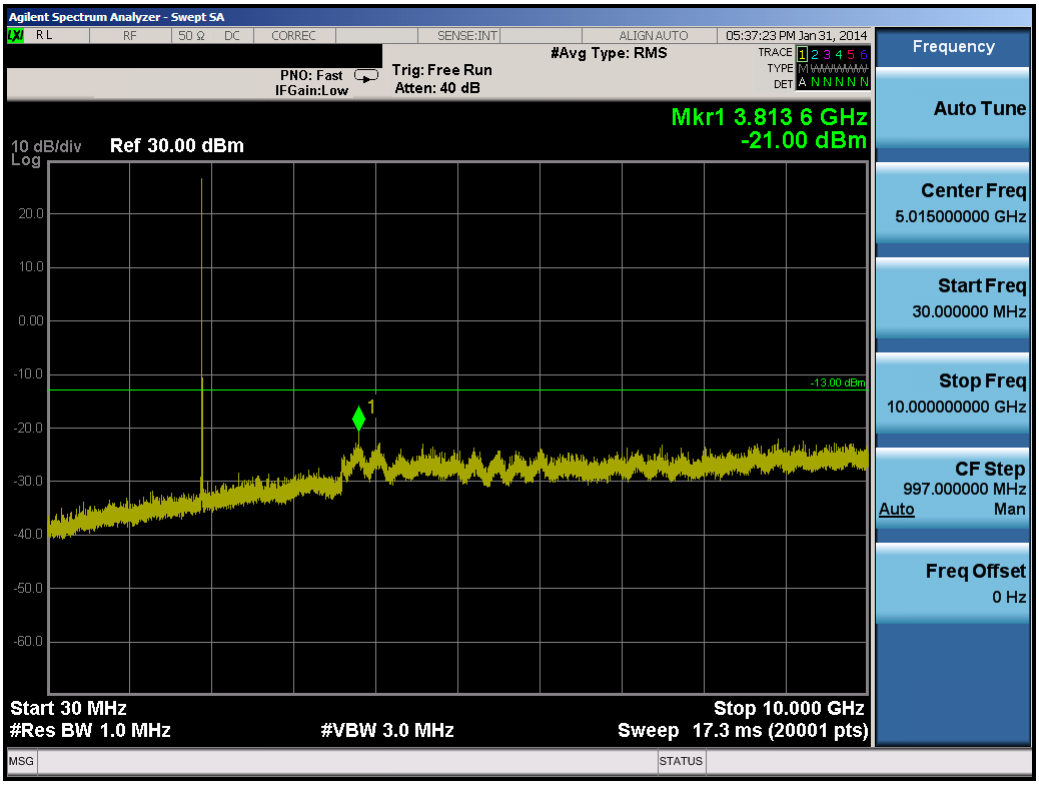


Plot 10-36. Conducted Spurious Plot (5.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)



Plot 10-37. Conducted Spurious Plot (5.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)

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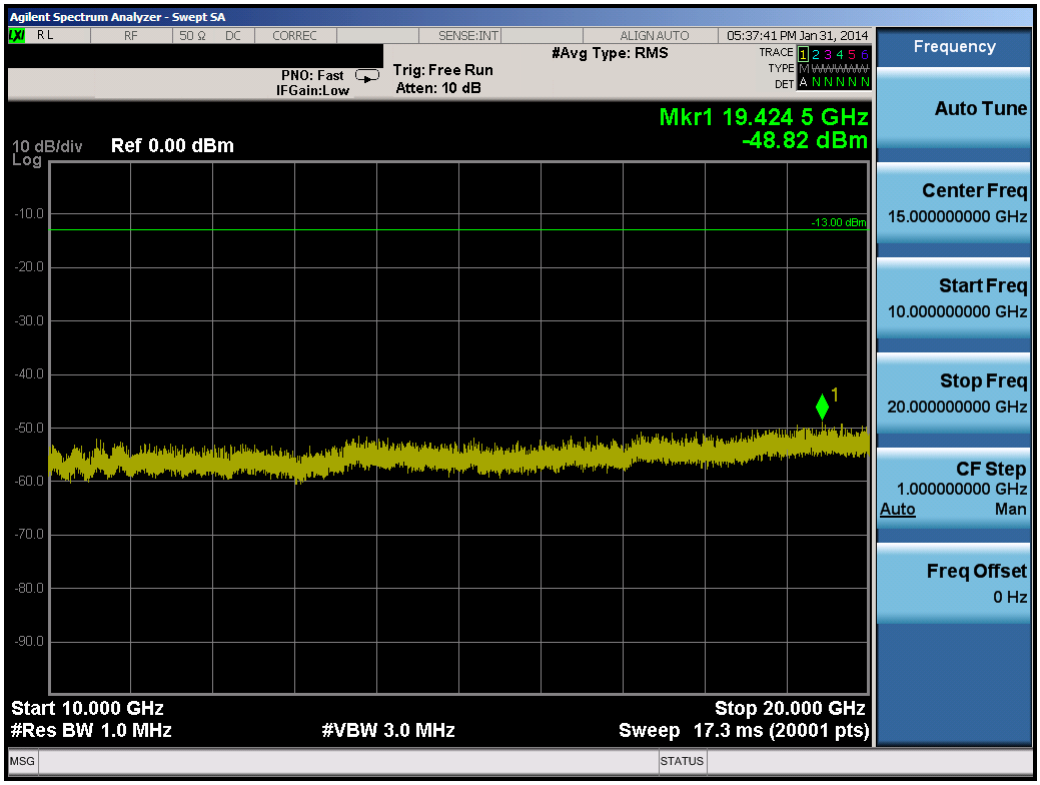

Plot 10-38. Conducted Spurious Plot (5.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)

Plot 10-39. Upper Band Edge Plot (5.0MHz QPSK – RB Size 25)

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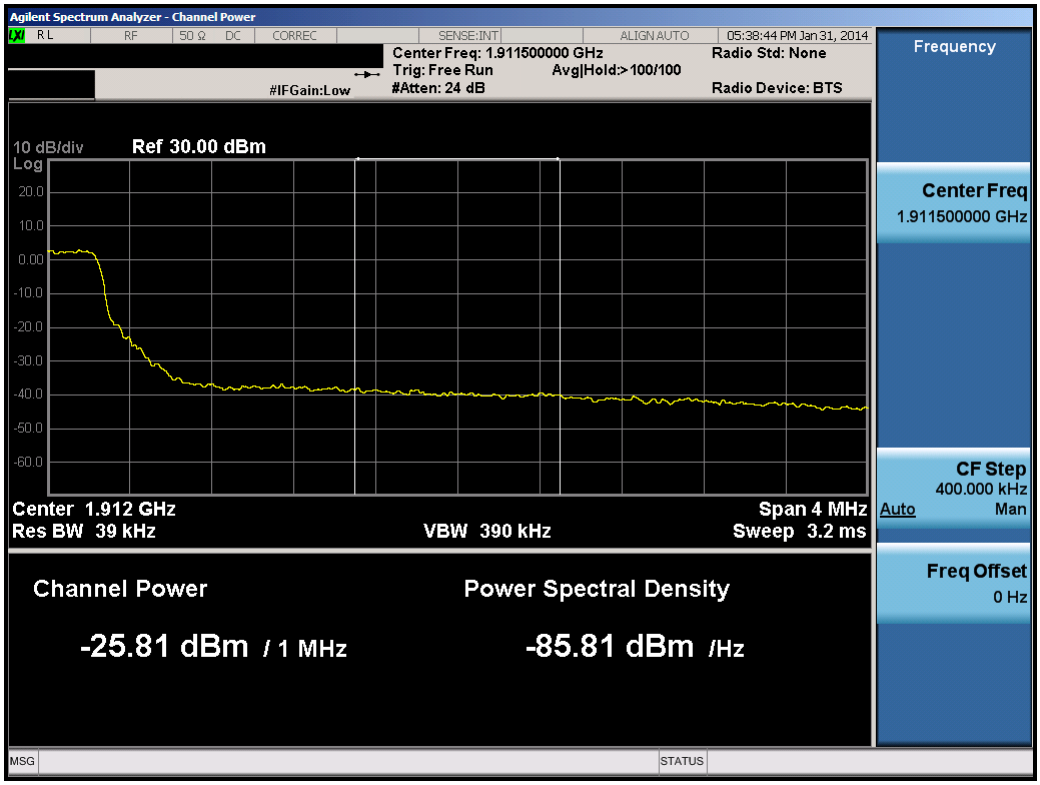
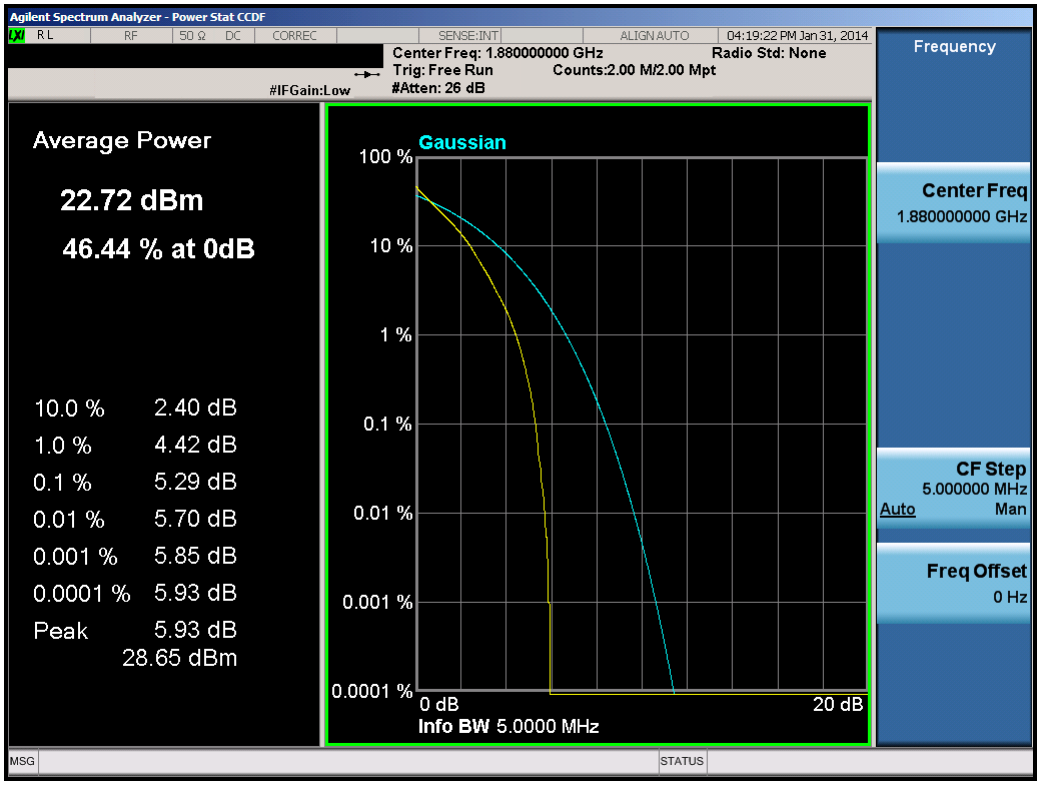


Plot 10-40. Upper Extended Band Edge Plot (5.0MHz QPSK – RB Size 25)



Plot 10-41. PAR Plot (5.0MHz QPSK – RB Size 25)

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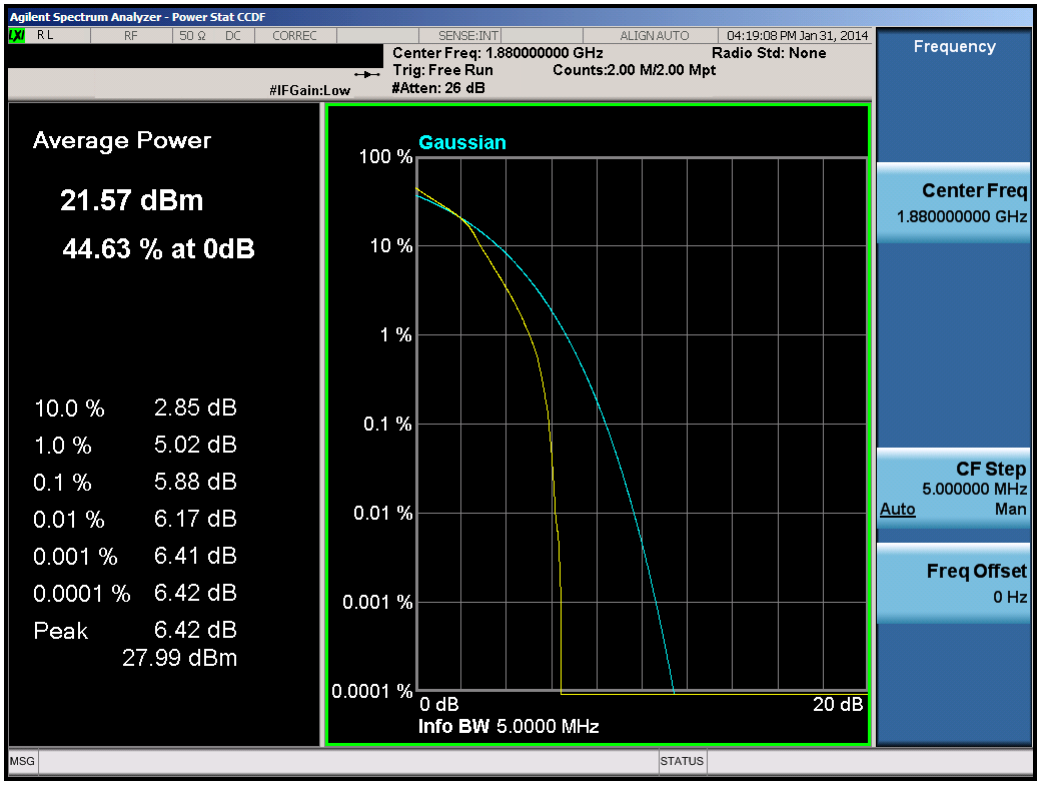

Plot 10-42. PAR Plot (5.0MHz 16-QAM – RB Size 25)

Plot 10-43. Lower Band Edge Plot (10.0MHz QPSK – RB Size 50)

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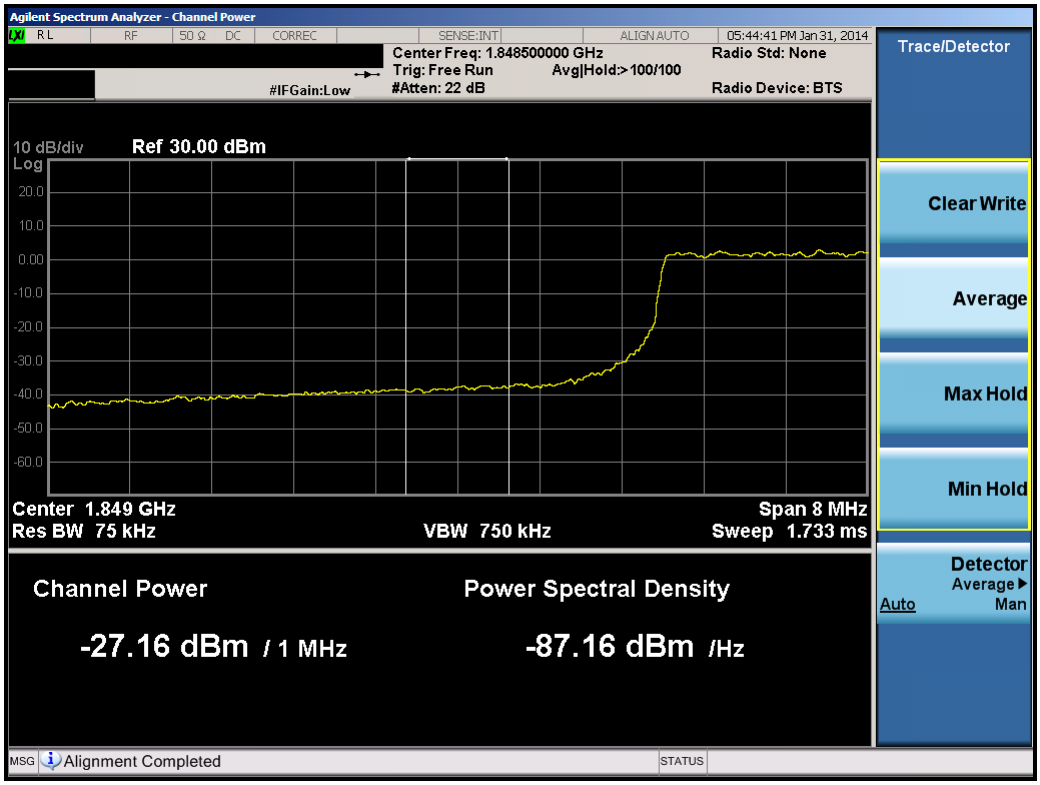
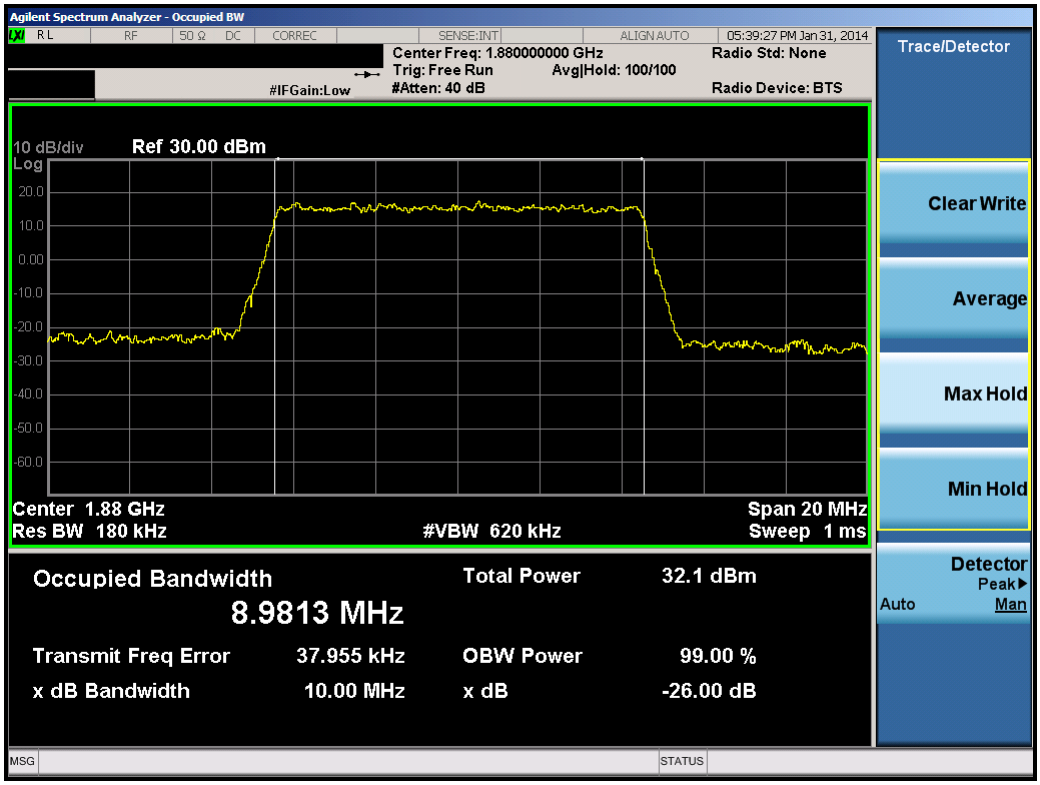


Plot 10-44. Lower Extended Band Edge Plot (10.0MHz QPSK – RB Size 50)



Plot 10-45. Occupied Bandwidth Plot (10.0MHz QPSK – RB Size 50)

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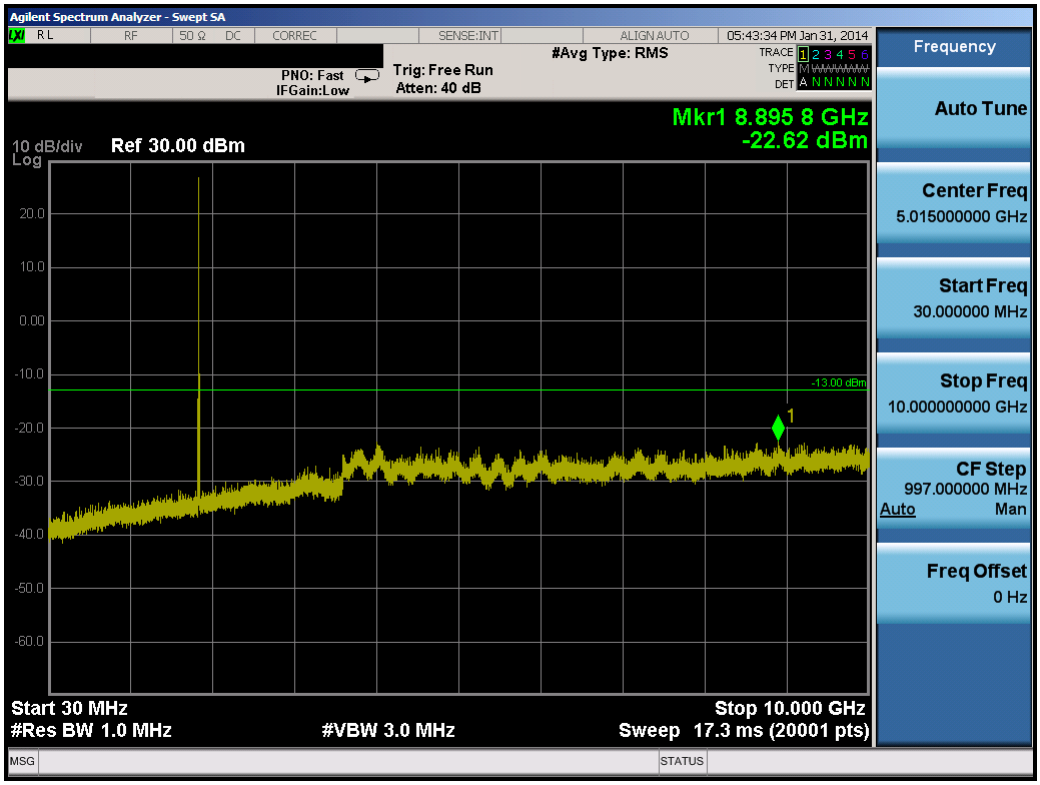
Plot 10-46. Occupied Bandwidth Plot (10.0MHz 16-QAM – RB Size 50)



Plot 10-47. Conducted Spurious Plot (10.0MHz QPSK – RB Size 1, RB Offset 0– Low Channel)

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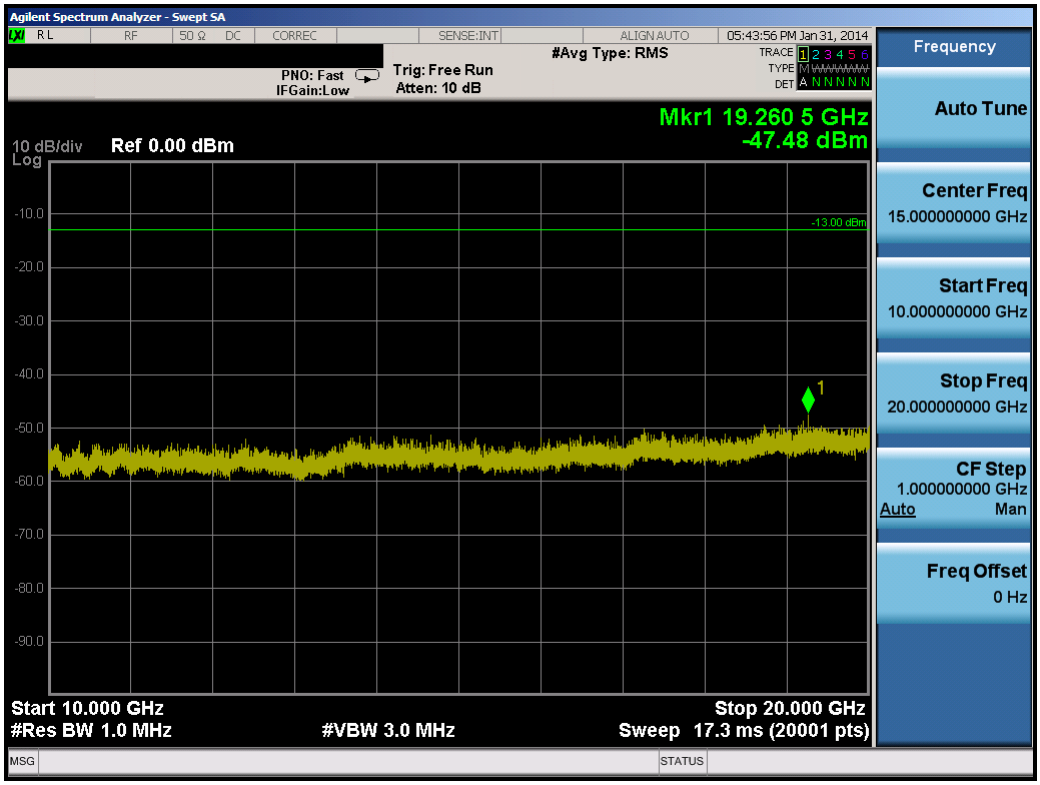
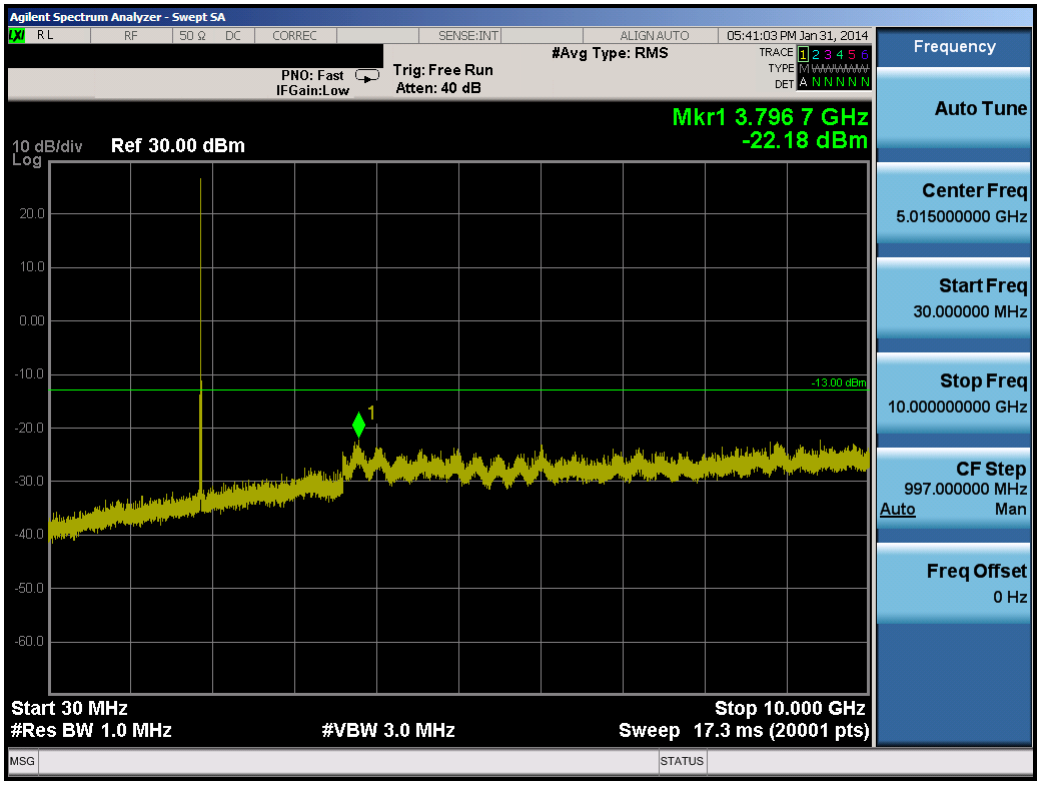


Plot 10-48. Conducted Spurious Plot (10.0MHz QPSK – RB Size 1, RB Offset 0 – Low Channel)



Plot 10-49. Conducted Spurious Plot (10.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)

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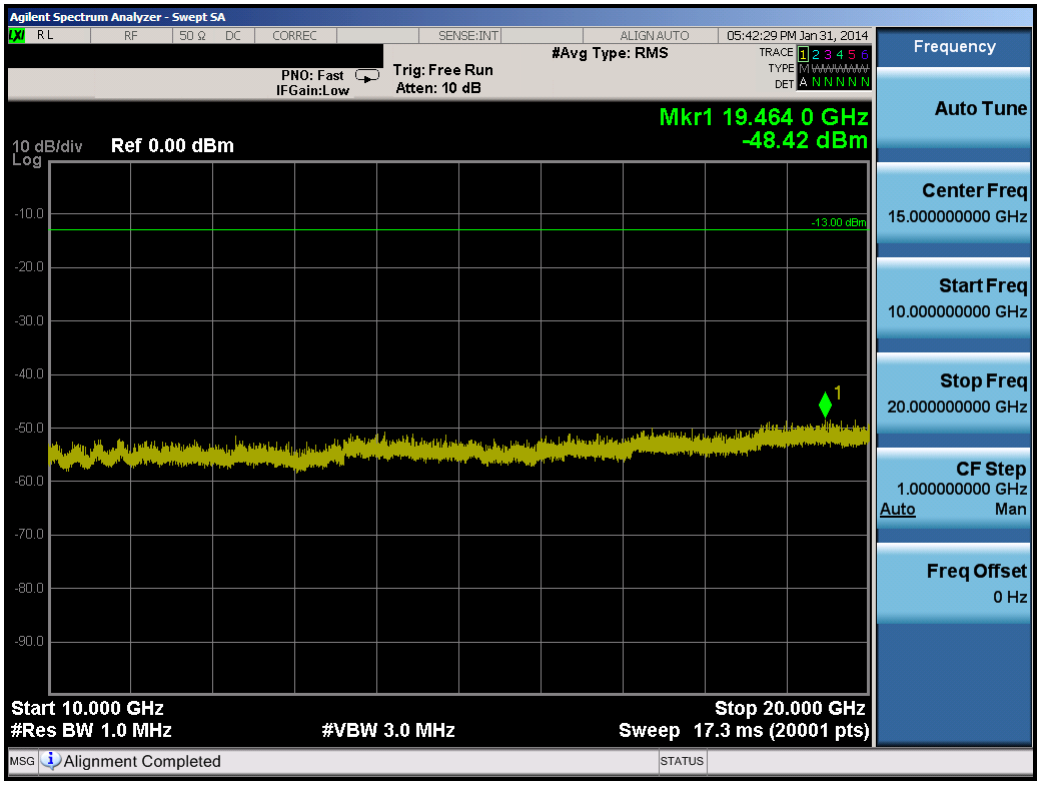
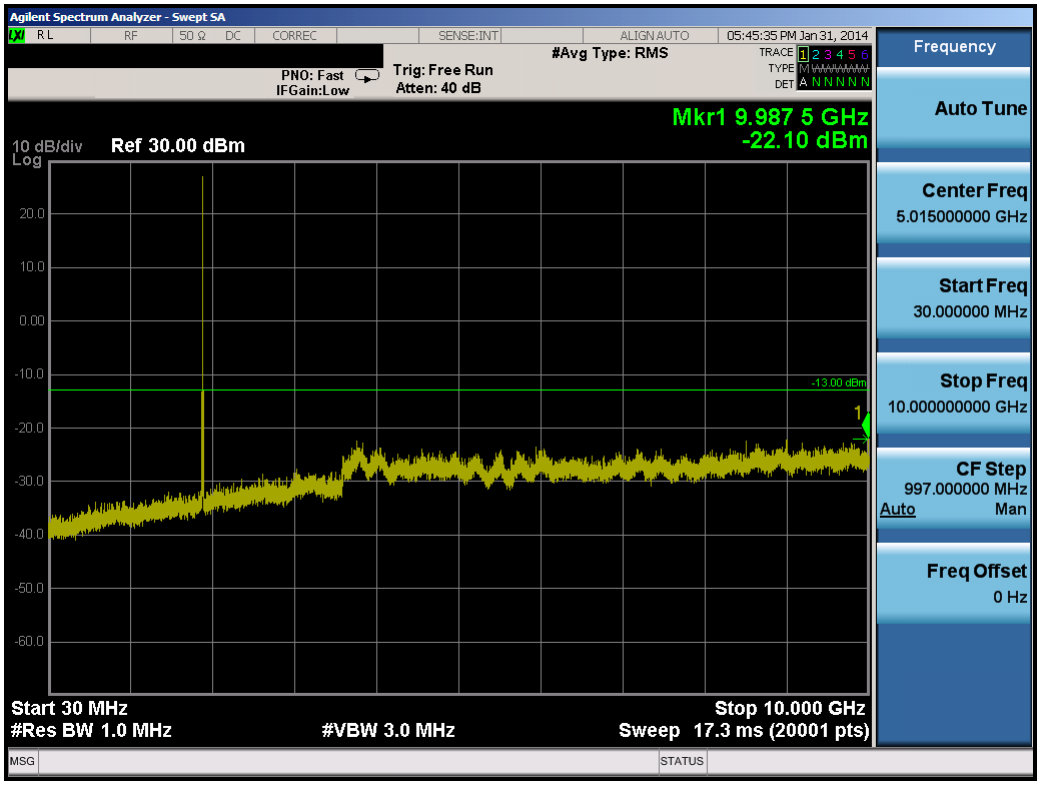


Plot 10-50. Conducted Spurious Plot (10.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)



Plot 10-51. Conducted Spurious Plot (10.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)

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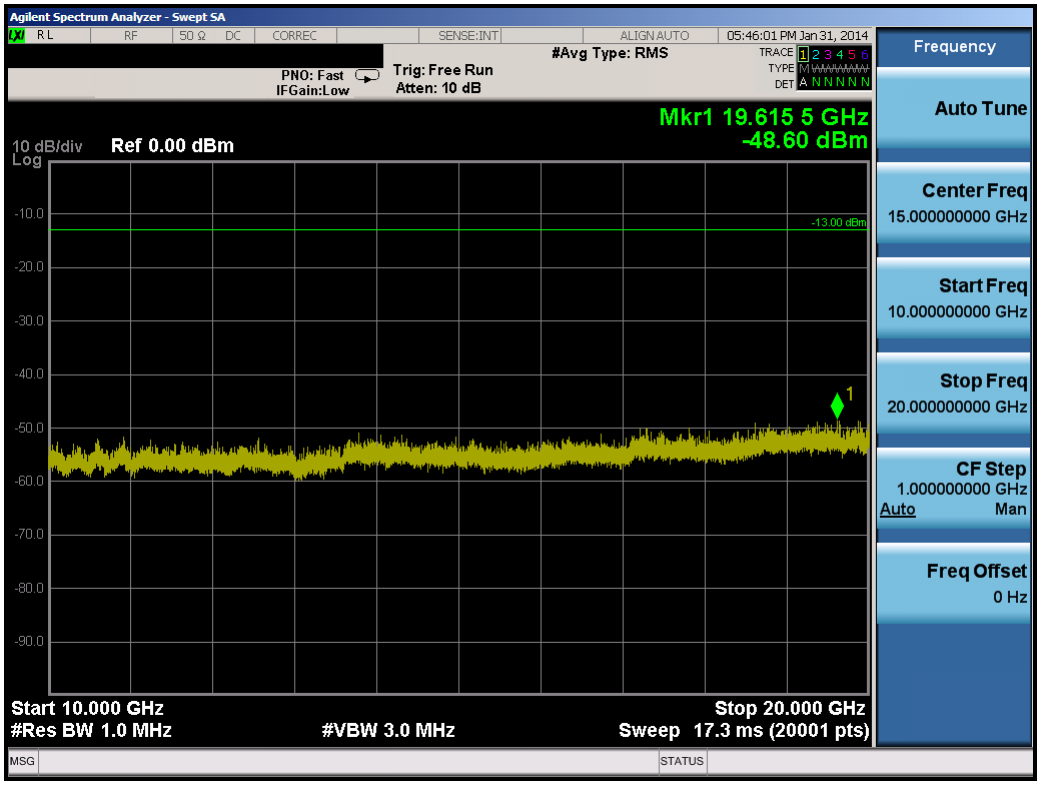

Plot 10-52. Conducted Spurious Plot (10.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)

Plot 10-53. Upper Band Edge Plot (10.0MHz QPSK – RB Size 50)

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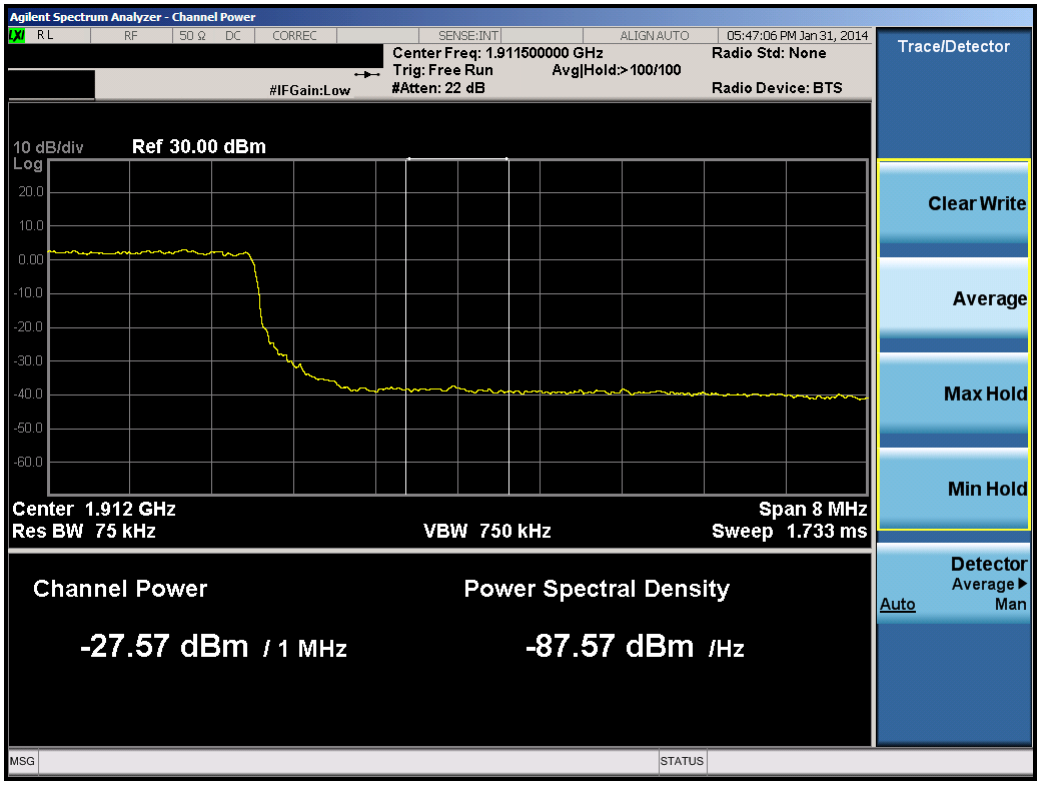
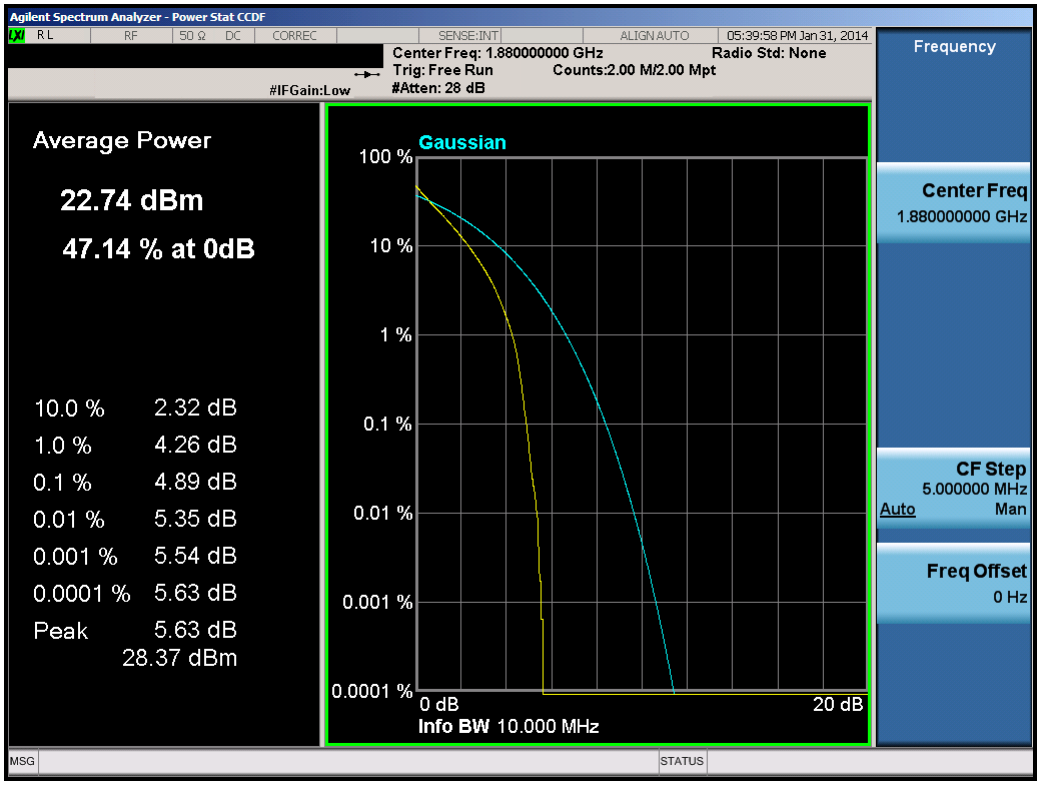


Plot 10-54. Upper Extended Band Edge Plot (10.0MHz QPSK – RB Size 50)



Plot 10-55. PAR Plot (10.0MHz QPSK – RB Size 50)

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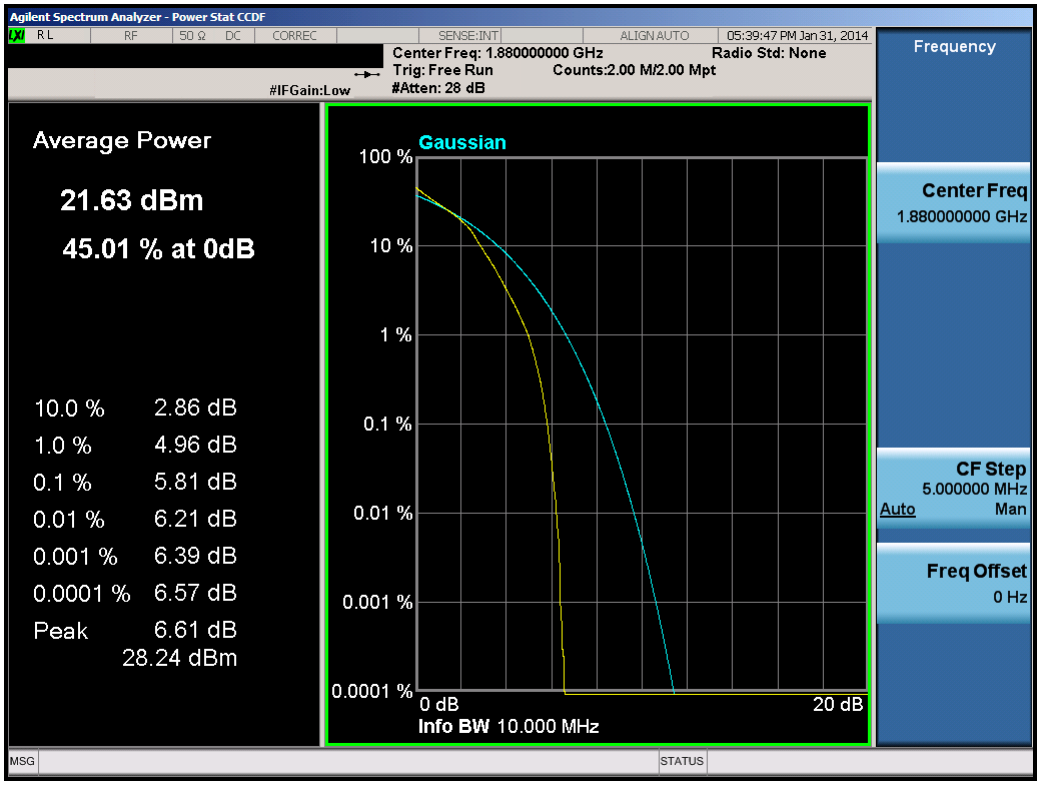

Plot 10-56. PAR Plot (10.0MHz 16-QAM – RB Size 50)

Plot 10-57. Lower Band Edge Plot (15.0MHz QPSK – RB Size 75)

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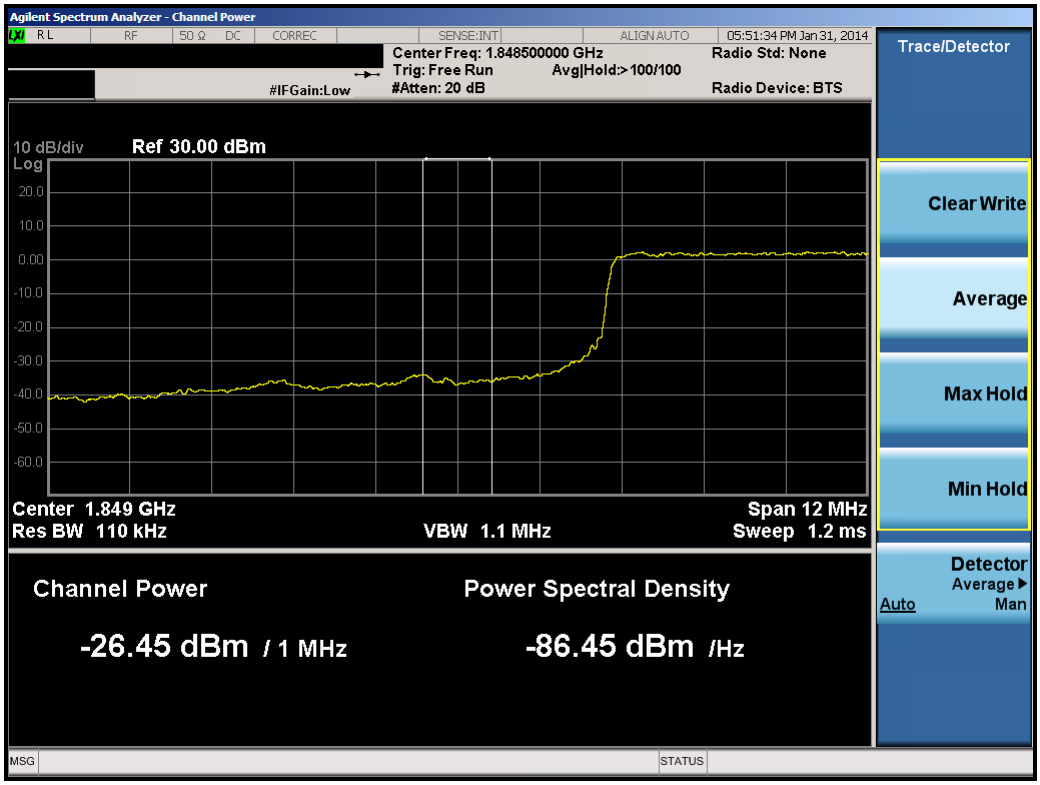
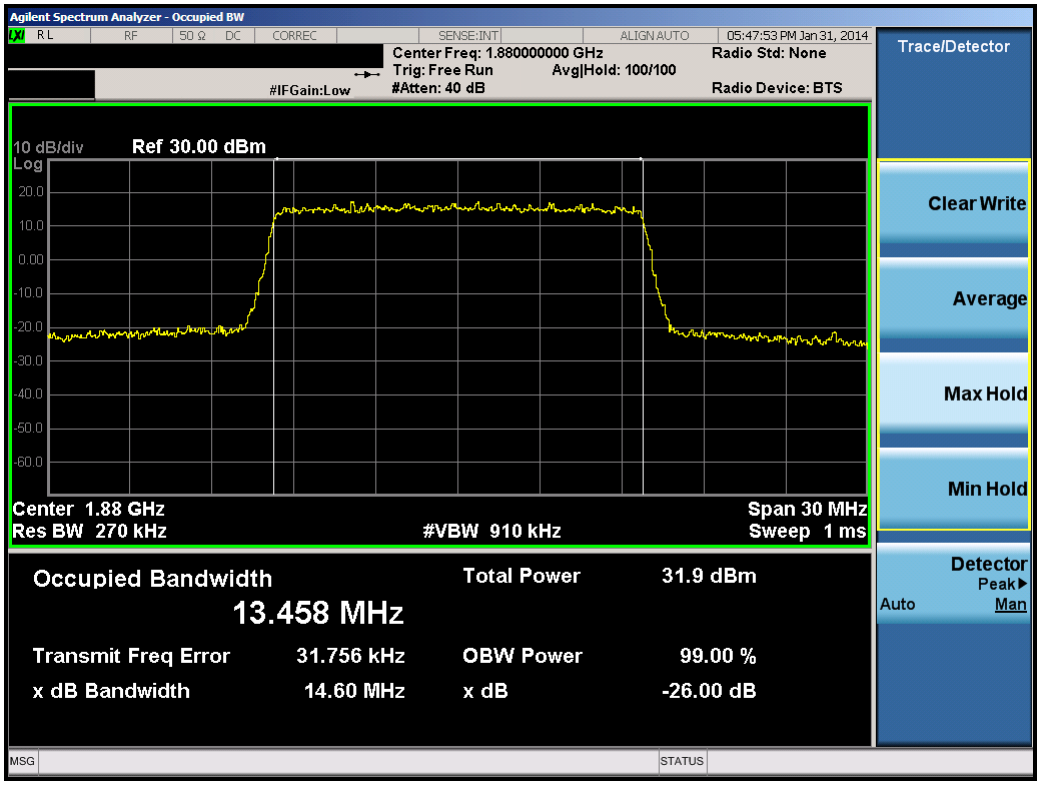


Plot 10-58. Lower Extended Band Edge Plot (15.0MHz QPSK – RB Size 75)



Plot 10-59. Occupied Bandwidth Plot (15.0MHz QPSK – RB Size 75)

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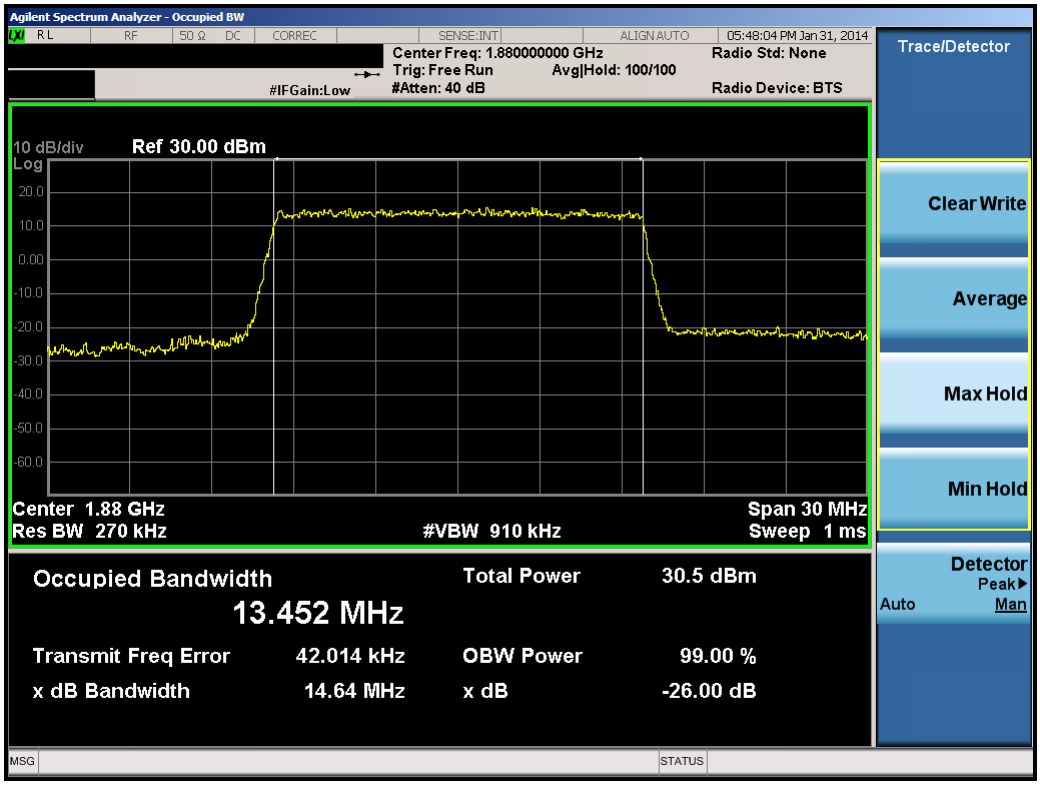
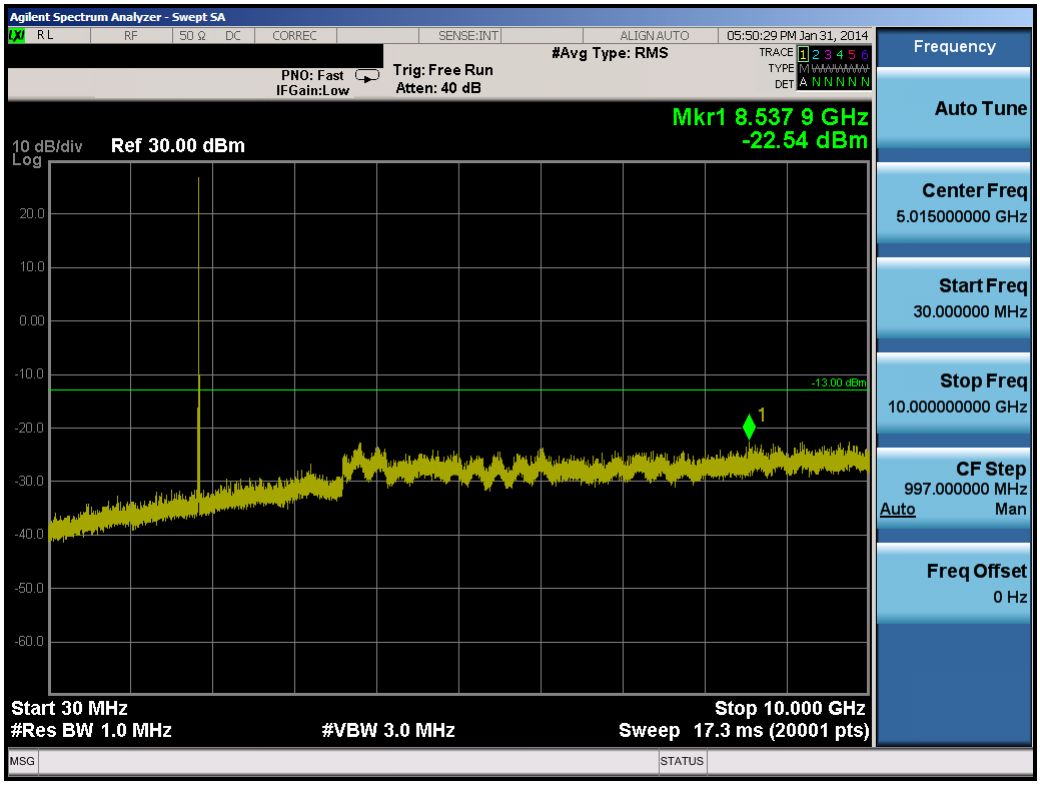


Plot 10-60. Occupied Bandwidth Plot (15.0MHz 16-QAM – RB Size 75)



Plot 10-61. Conducted Spurious Plot (15.0MHz QPSK – RB Size 1, RB Offset 0 – Low Channel)

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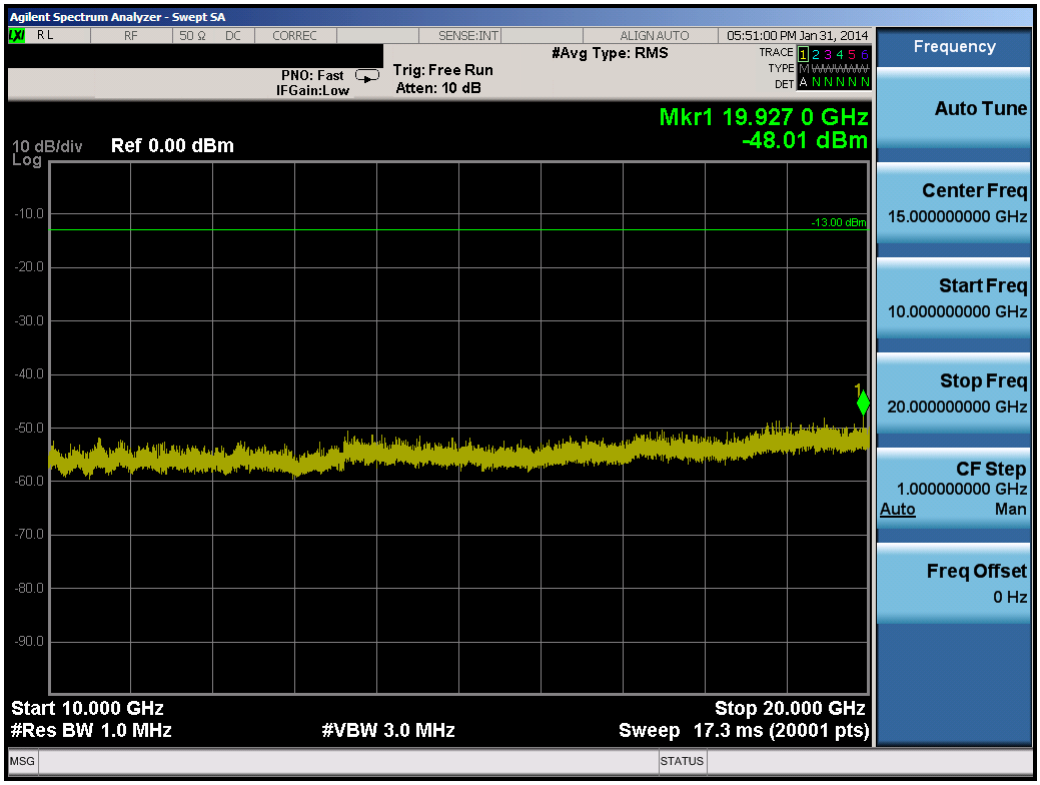
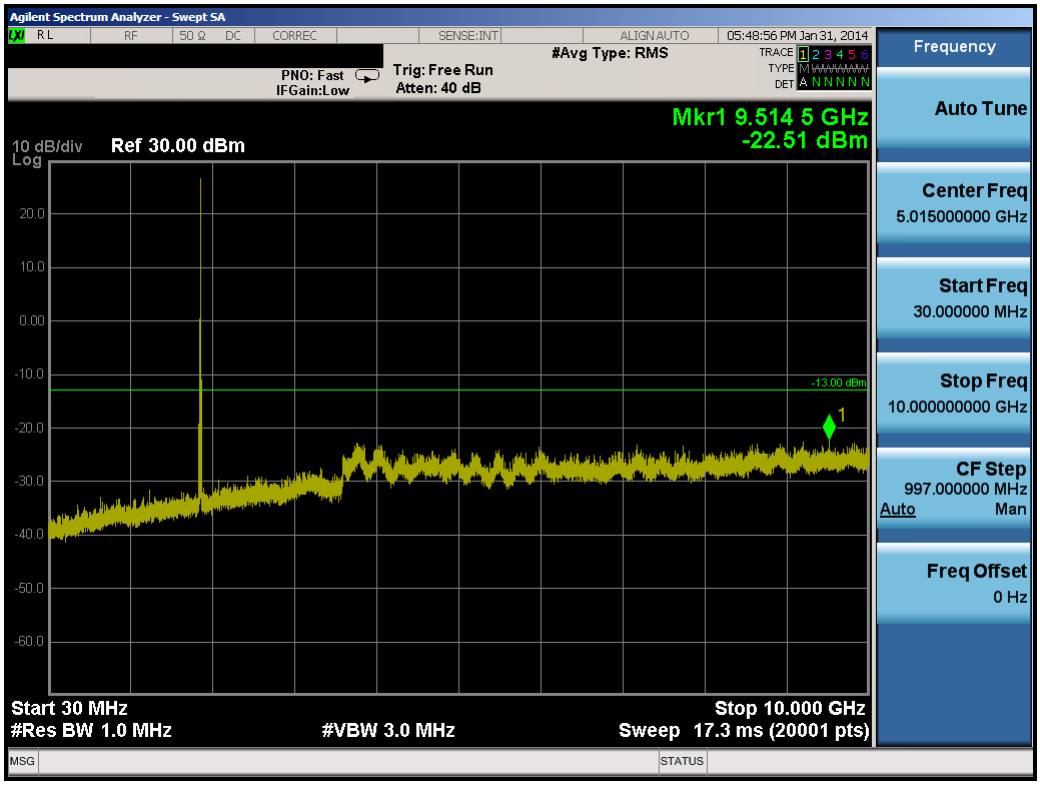


Plot 10-62. Conducted Spurious Plot (15.0MHz QPSK – RB Size 1, RB Offset 0 – Low Channel)



Plot 10-63. Conducted Spurious Plot (15.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)

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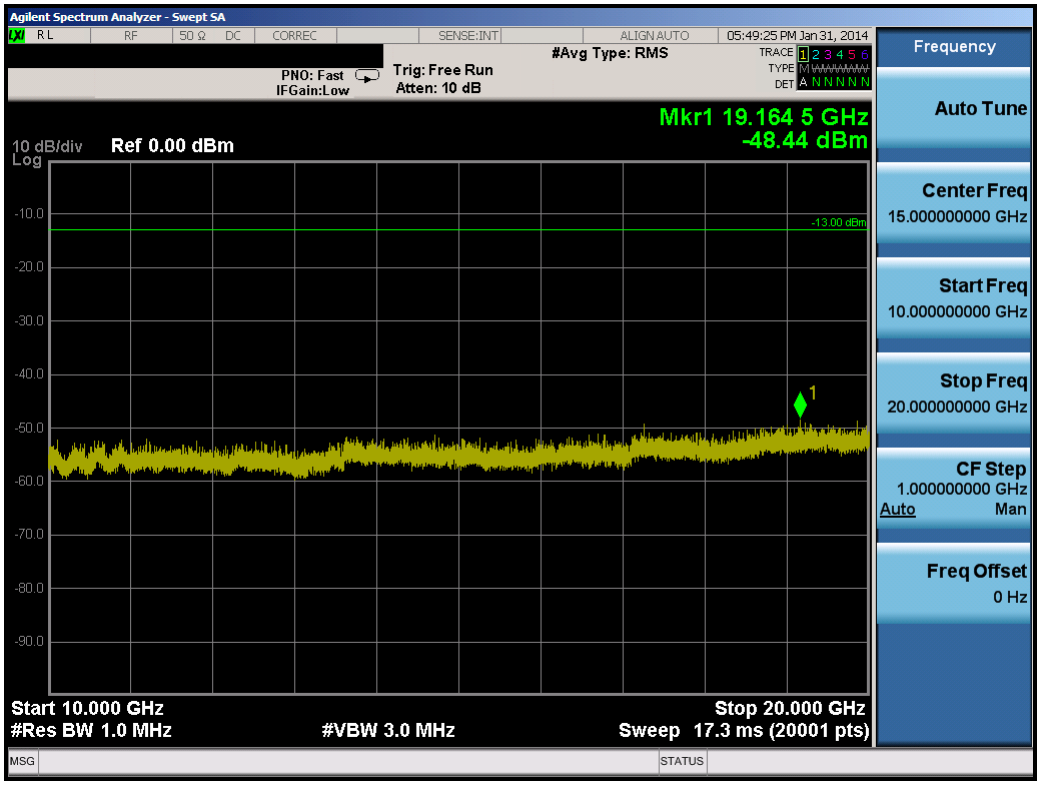
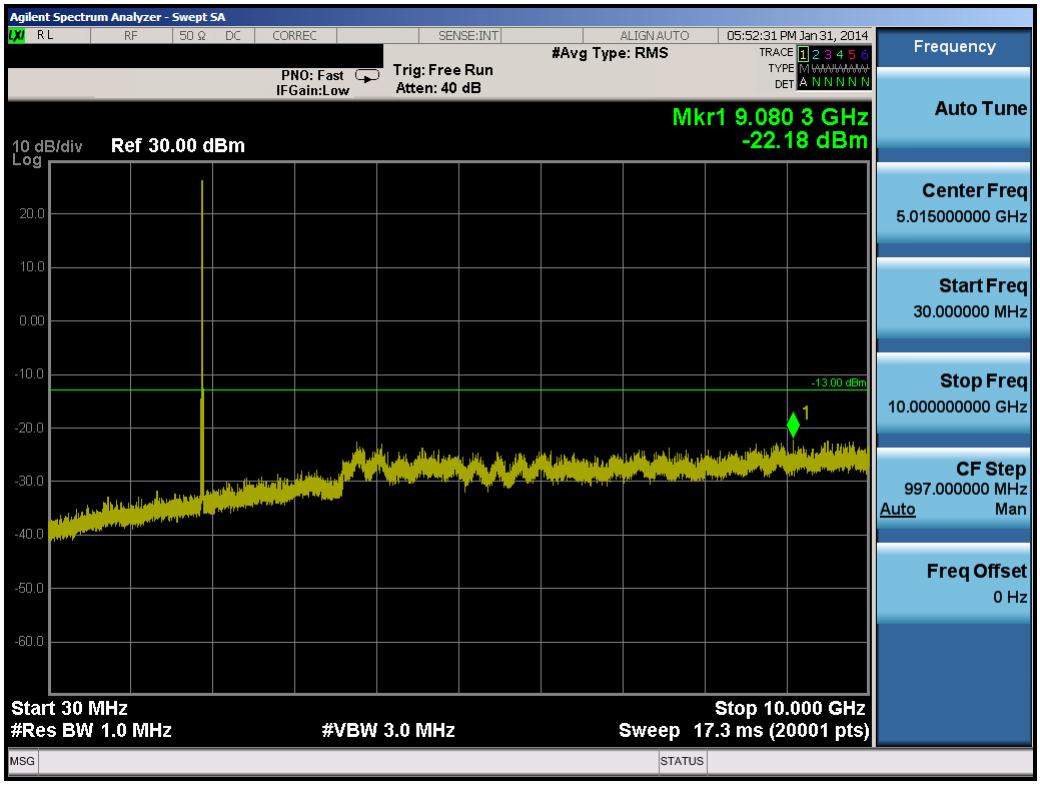


Plot 10-64. Conducted Spurious Plot (15.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)



Plot 10-65. Conducted Spurious Plot (15.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)

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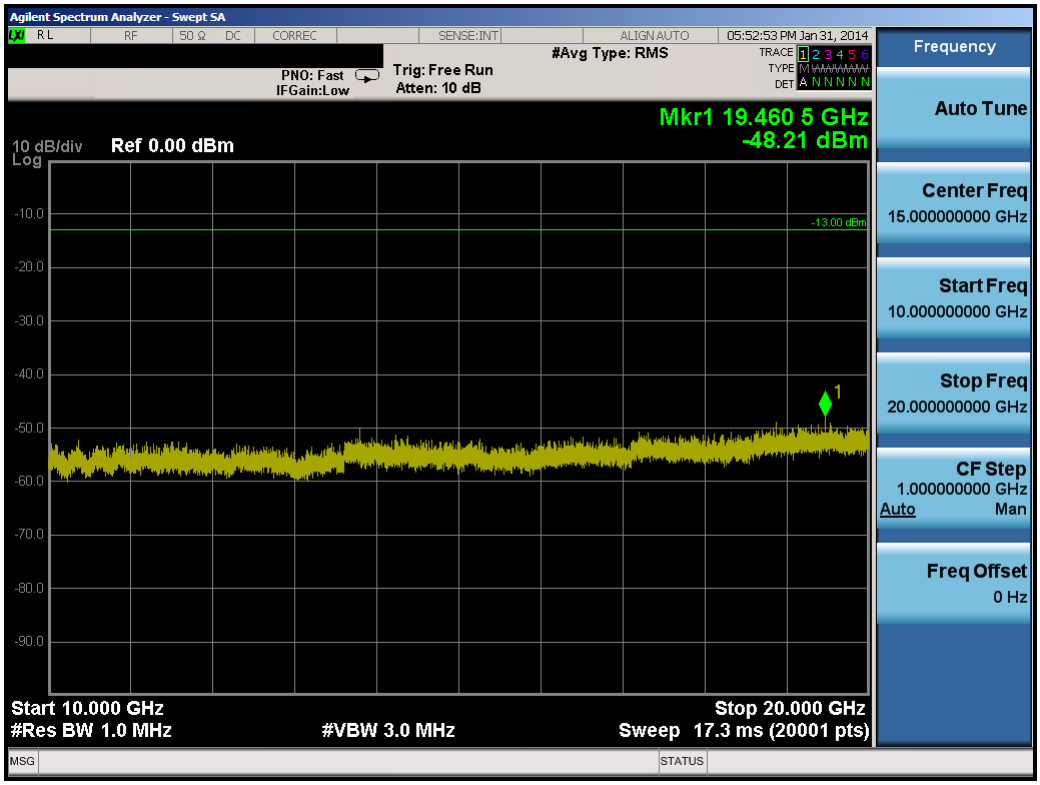

Plot 10-66. Conducted Spurious Plot (15.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)

Plot 10-67. Upper Band Edge Plot (15.0MHz QPSK – RB Size 75)

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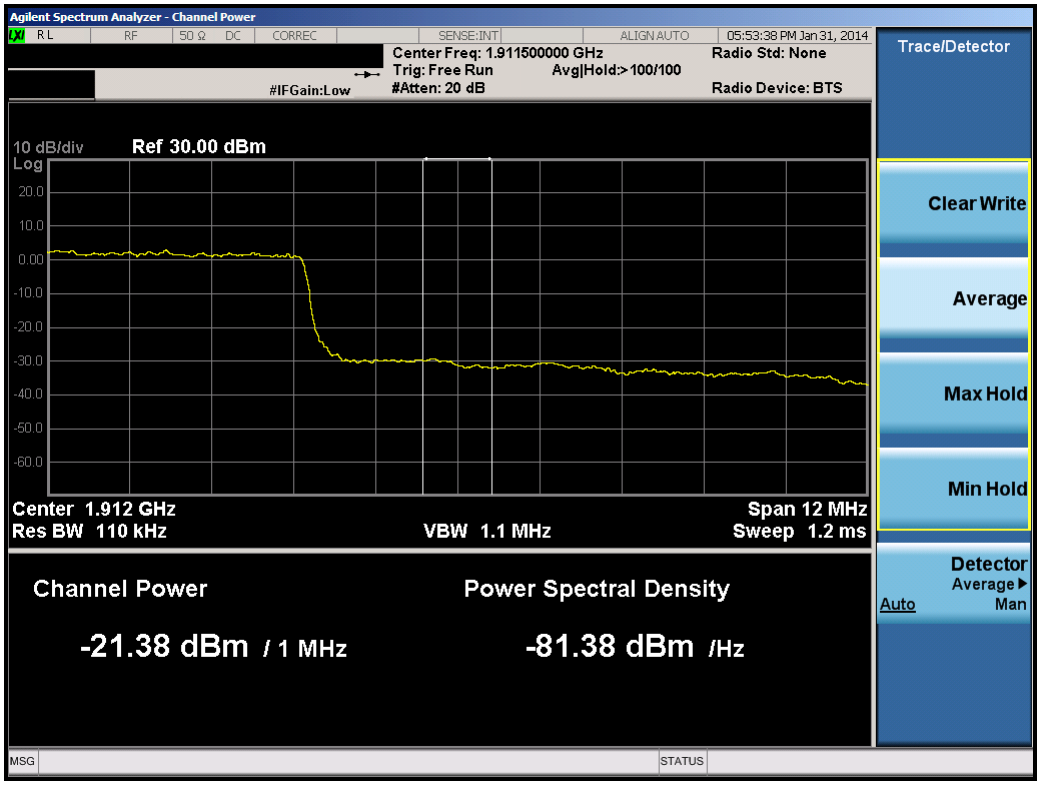
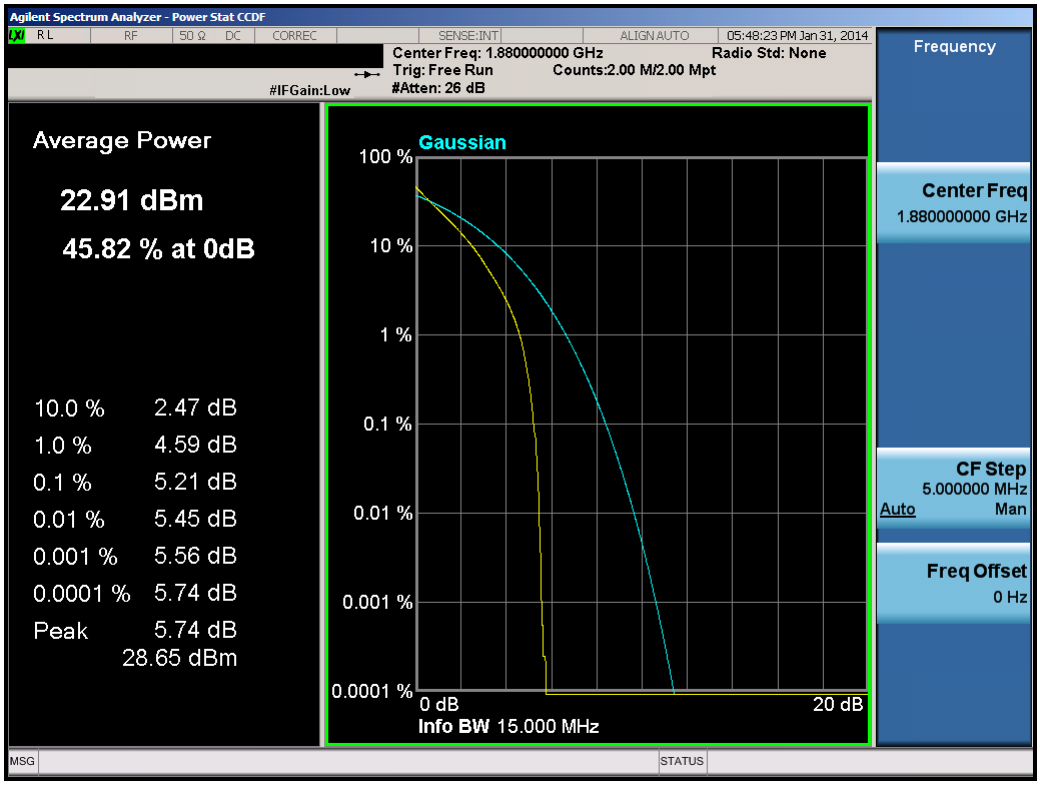


Plot 10-68. Upper Extended Band Edge Plot (15.0MHz QPSK – RB Size 75)



Plot 10-69. PAR Plot (15.0MHz QPSK – RB Size 75)

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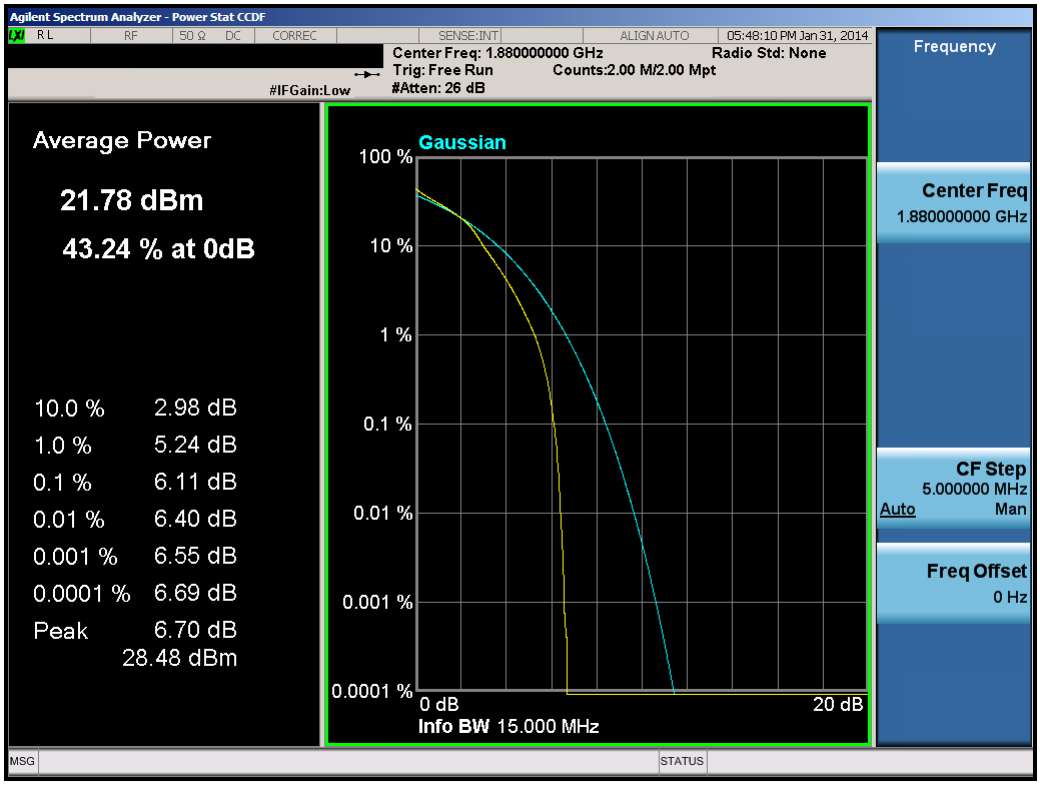

Plot 10-70. PAR Plot (15.0MHz 16-QAM – RB Size 75)

Plot 10-71. Lower Band Edge Plot (20.0MHz QPSK – RB Size 100)

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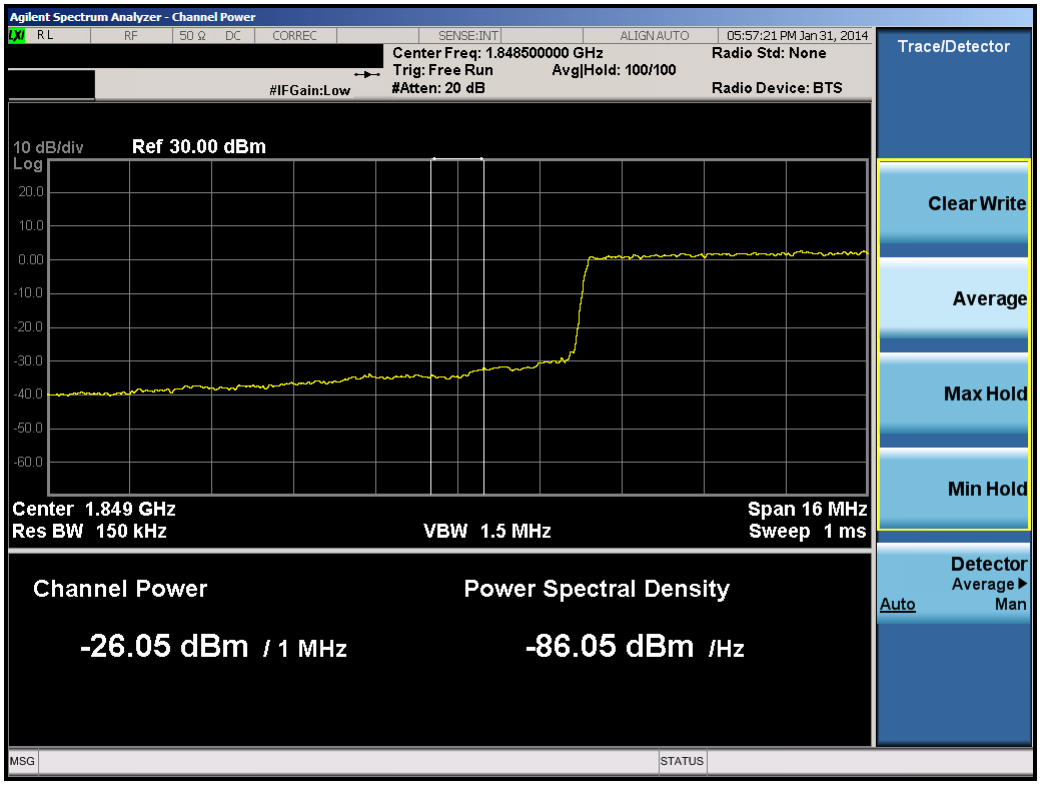

Plot 10-72. Lower Extended Band Edge Plot (20.0MHz QPSK – RB Size 100)

Plot 10-73. Occupied Bandwidth Plot (20.0MHz QPSK – RB Size 100)

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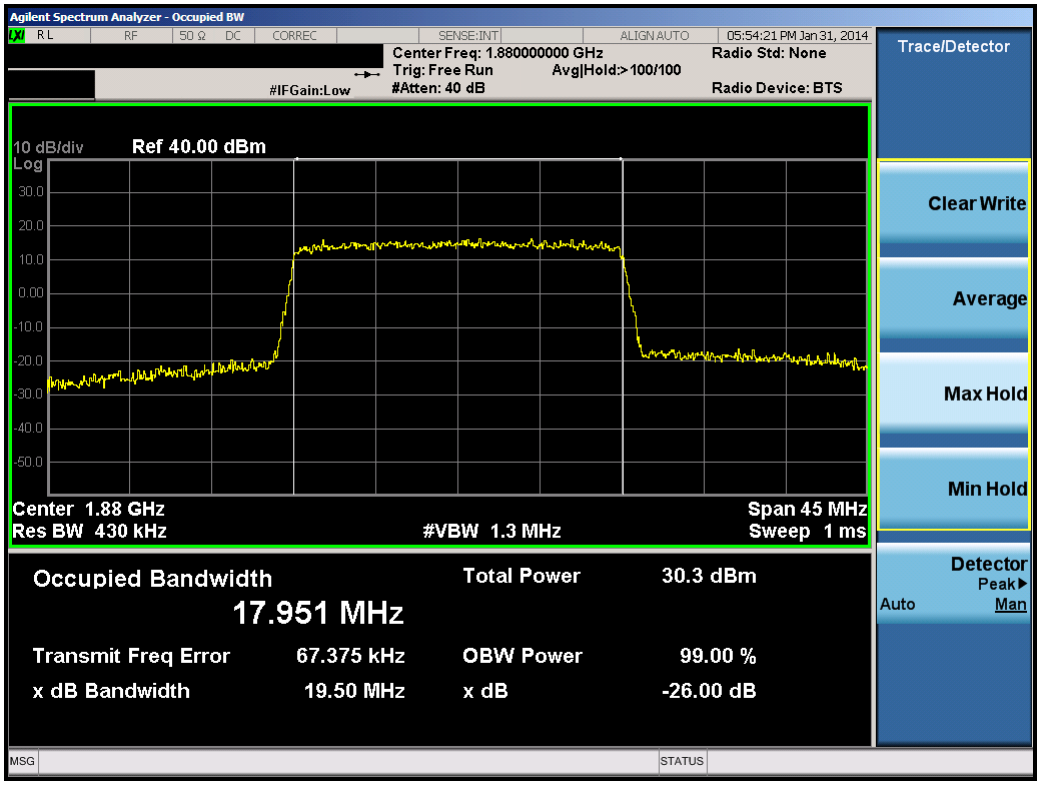
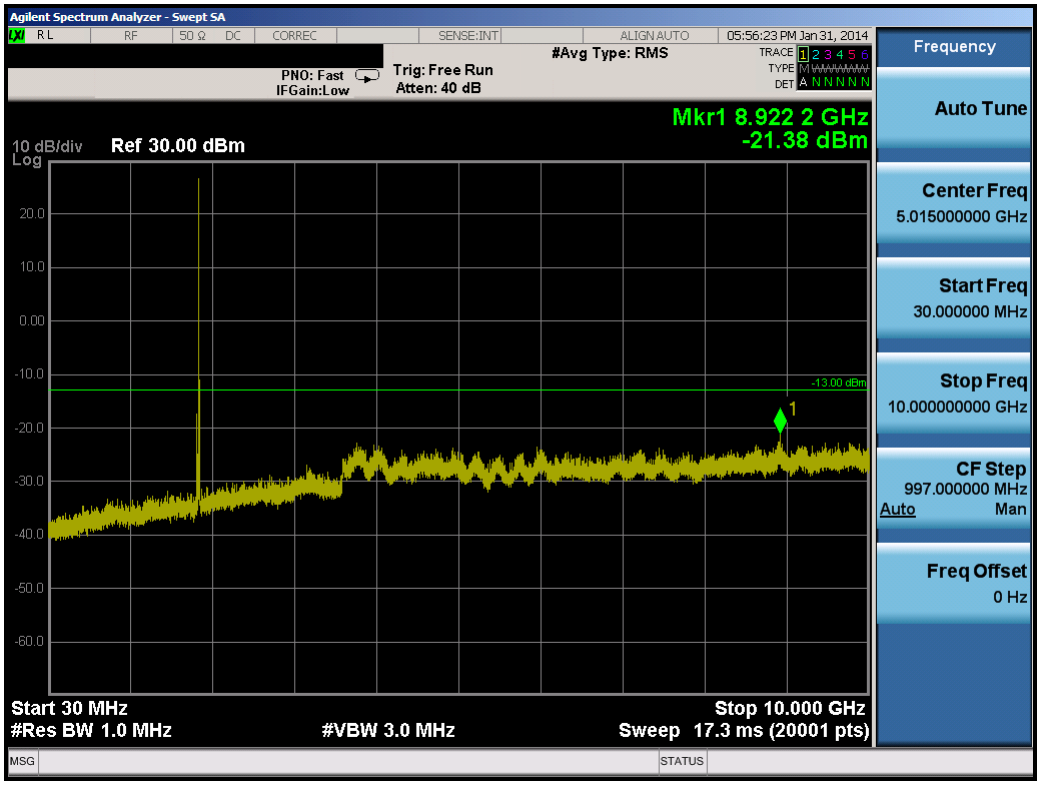


Plot 10-74. Occupied Bandwidth Plot (20.0MHz 16-QAM – RB Size 100)



Plot 10-75. Conducted Spurious Plot (20.0MHz QPSK – RB Size 1, RB Offset 0– Low Channel)

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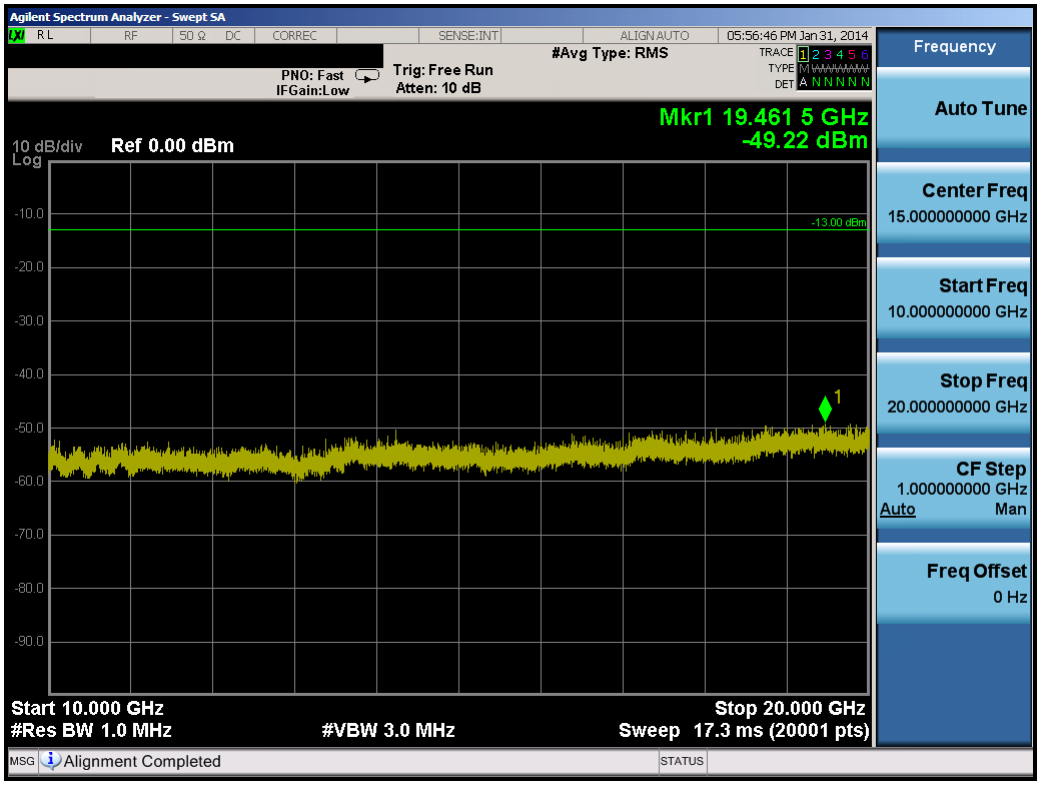
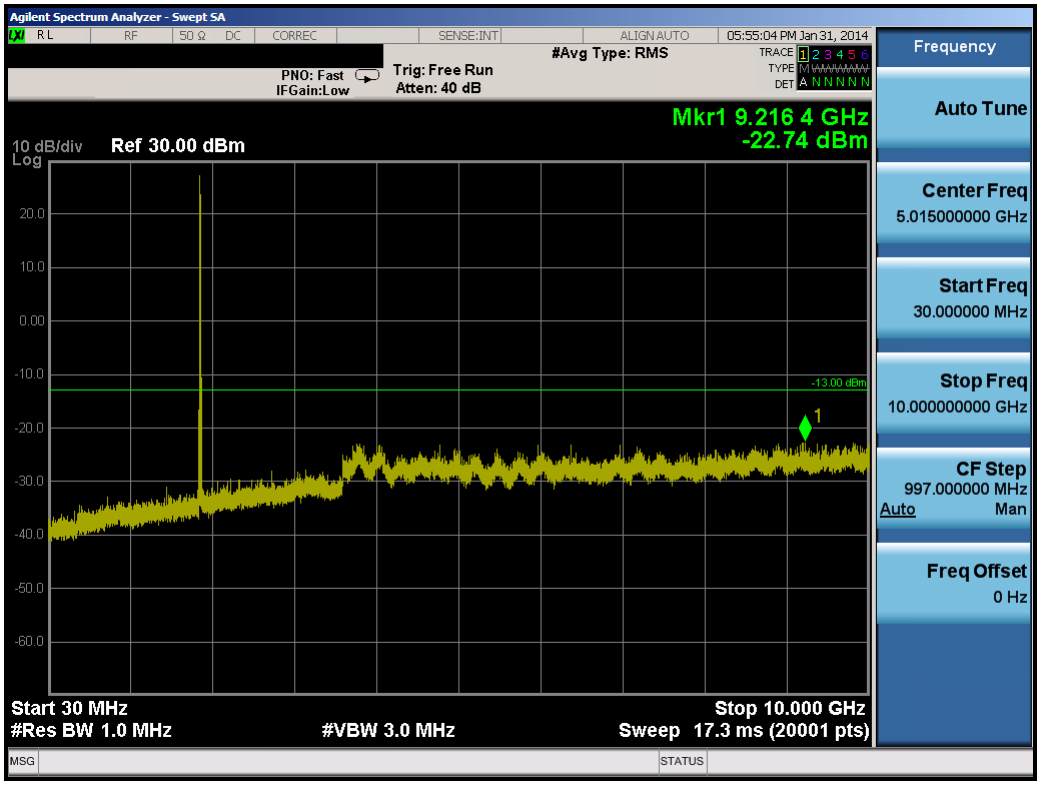


Plot 10-76. Conducted Spurious Plot (20.0MHz QPSK – RB Size 1, RB Offset 0 – Low Channel)



Plot 10-77. Conducted Spurious Plot (20.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)

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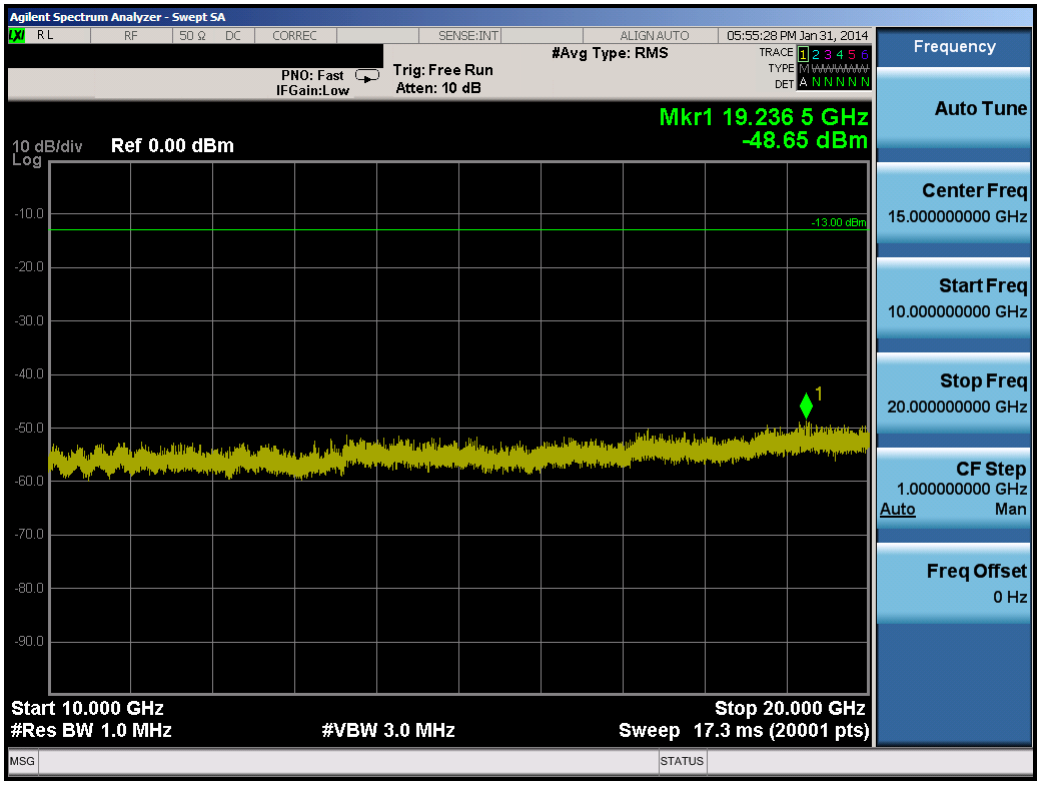
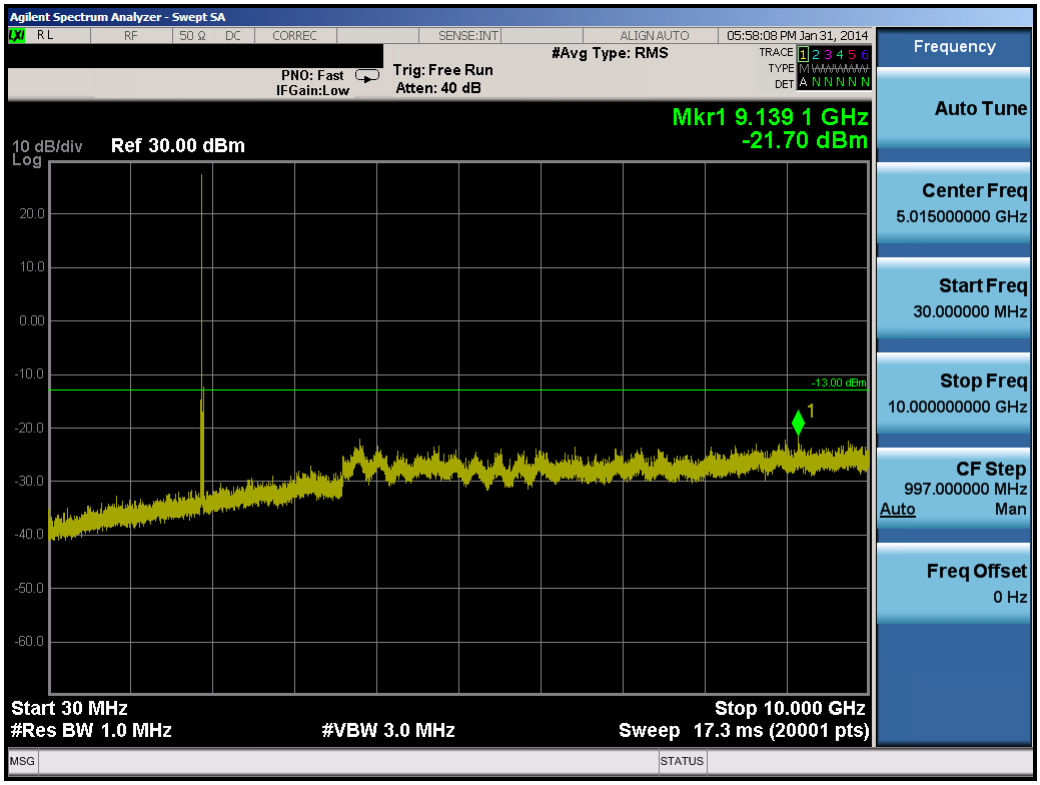


Plot 10-78. Conducted Spurious Plot (20.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)



Plot 10-79. Conducted Spurious Plot (20.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)

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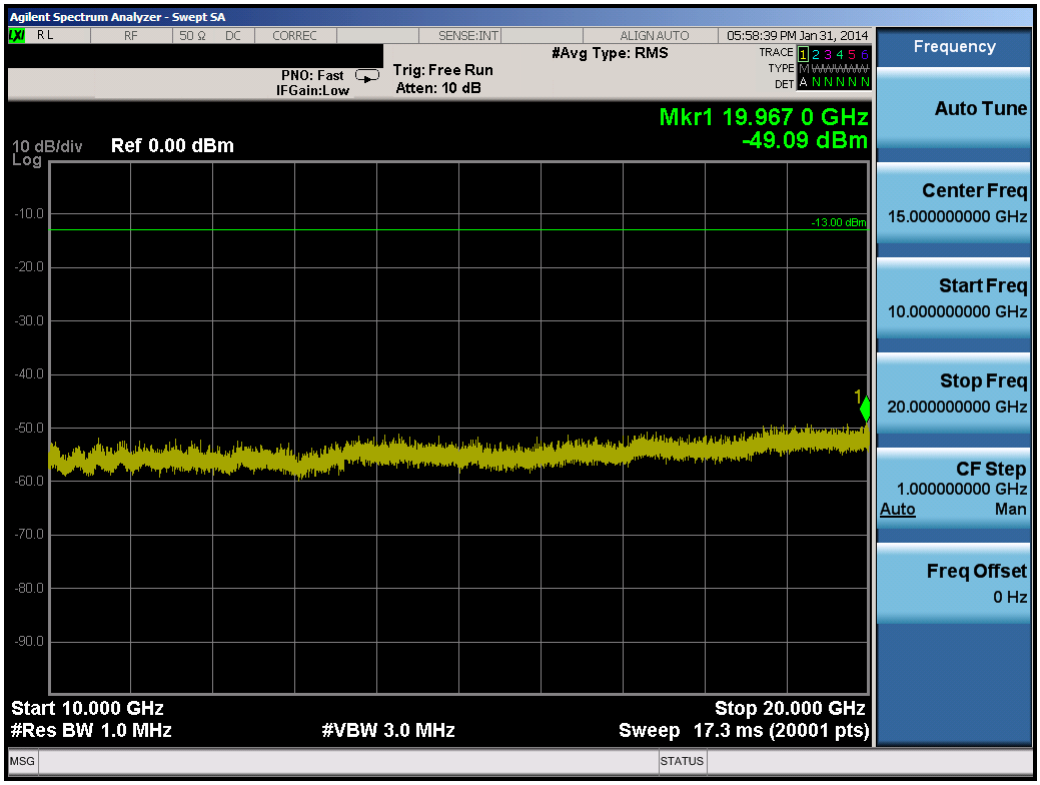

Plot 10-80. Conducted Spurious Plot (20.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)

Plot 10-81. Upper Band Edge Plot (20.0MHz QPSK – RB Size 100)

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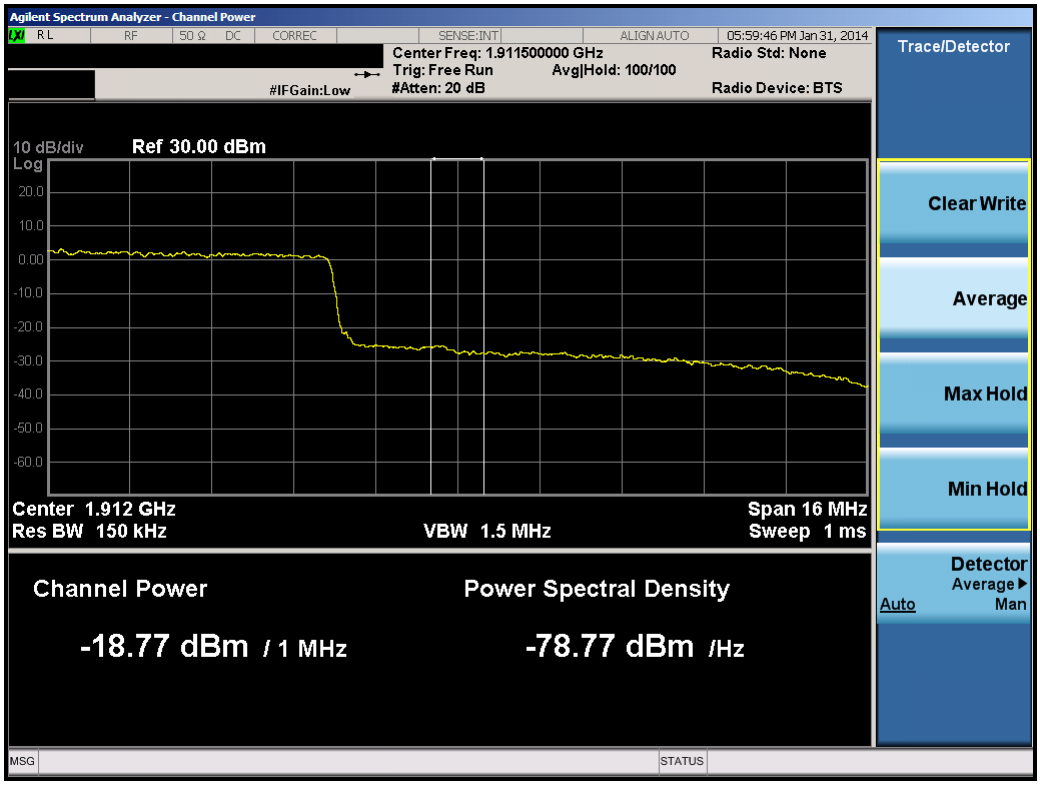
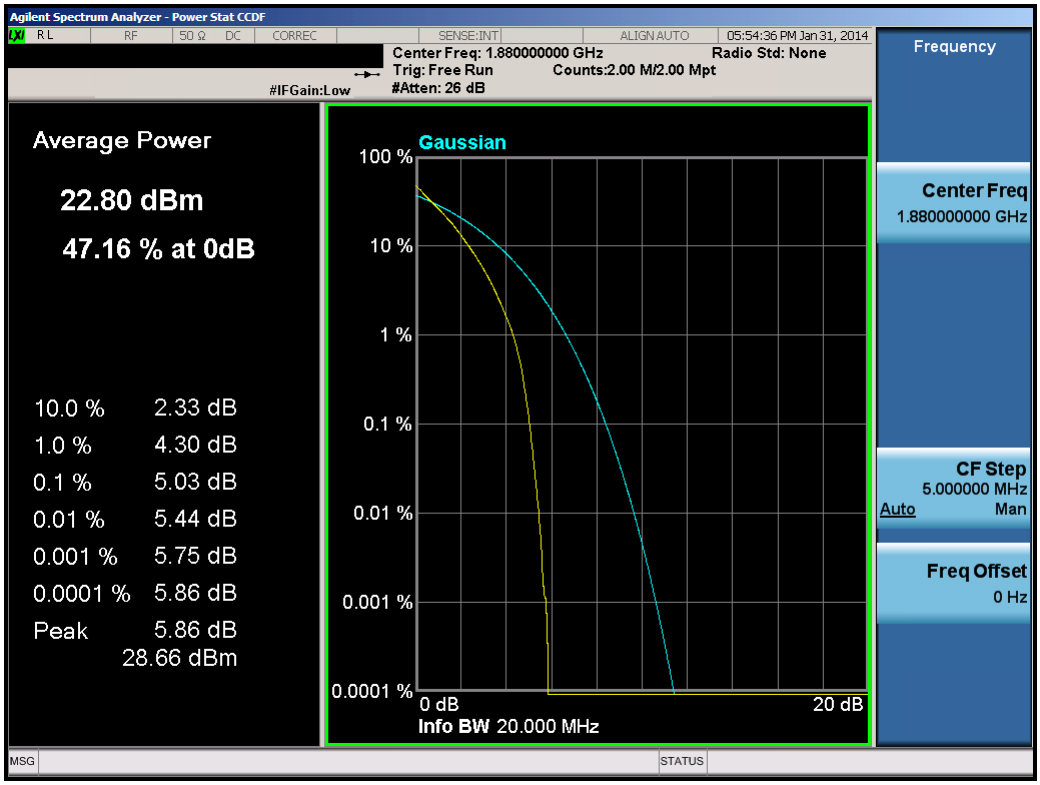


Plot 10-82. Upper Extended Band Edge Plot (20.0MHz QPSK – RB Size 100)



Plot 10-83. PAR Plot (20.0MHz QPSK – RB Size 100)

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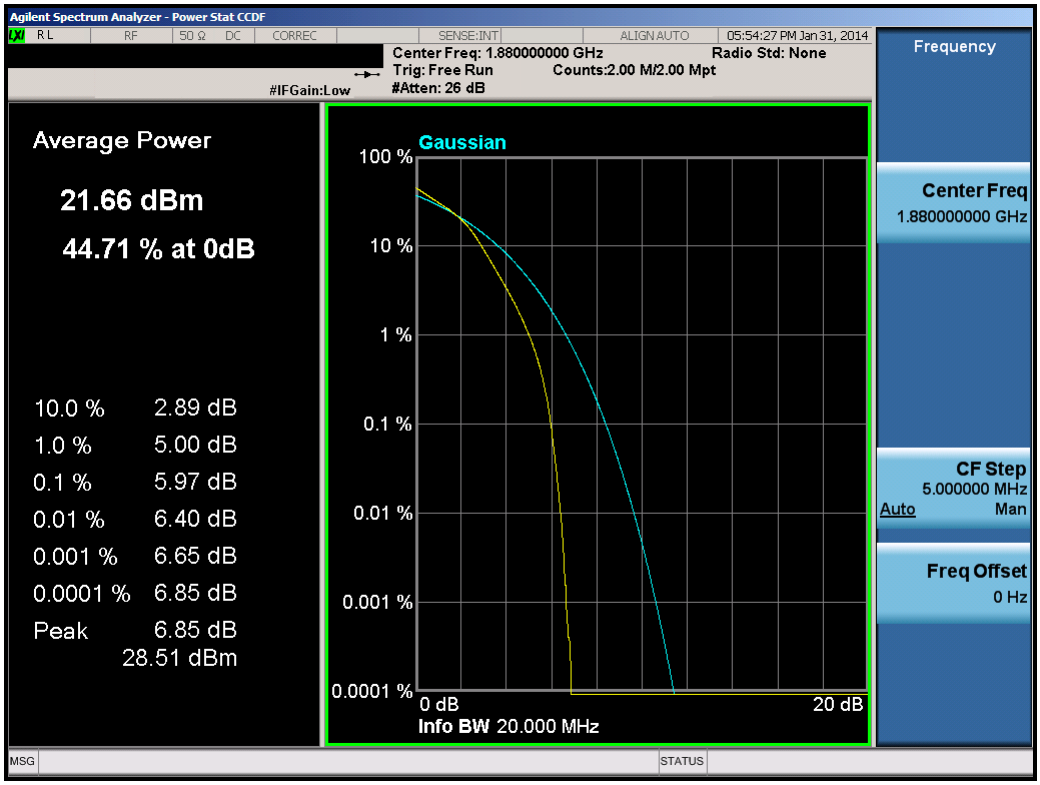

Plot 10-84. PAR Plot (20.0MHz 16-QAM – RB Size 100)

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11.0 CONCLUSION

The data collected relate only to the item(s) tested and show that the **Samsung Portable Handset FCC ID: A3LSMG900A** complies with all the requirements of Parts 2, 22, 24, 27 of the FCC rules for LTE operation only.

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