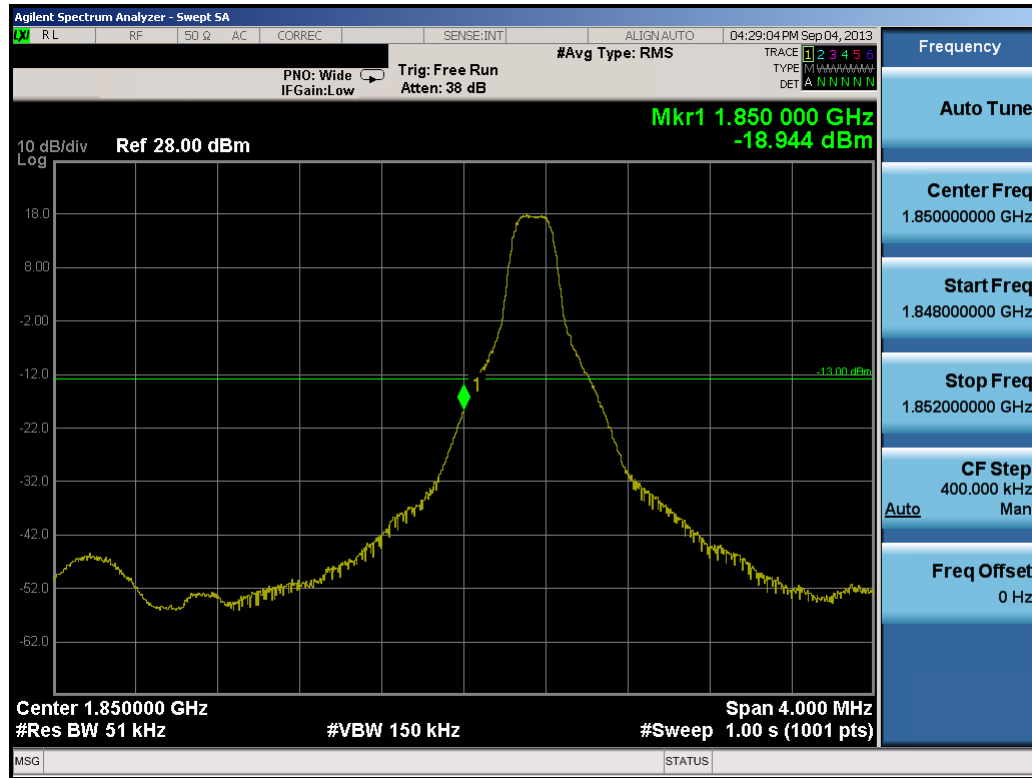


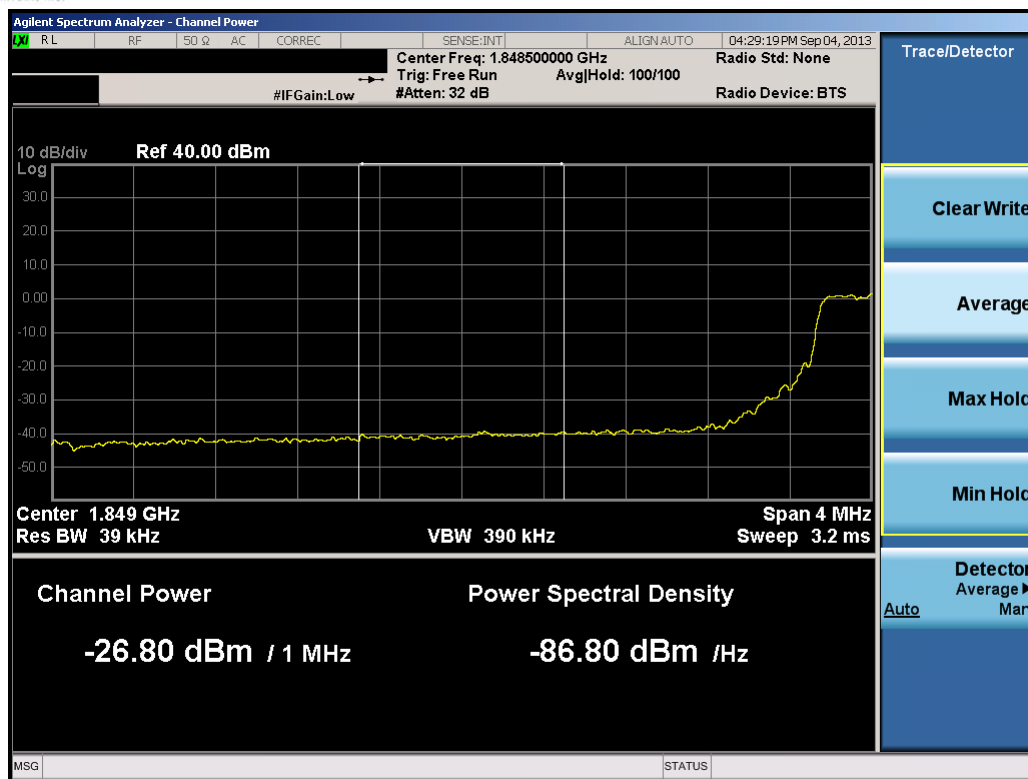
10.0 BAND 2 PLOTS OF EMISSIONS

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

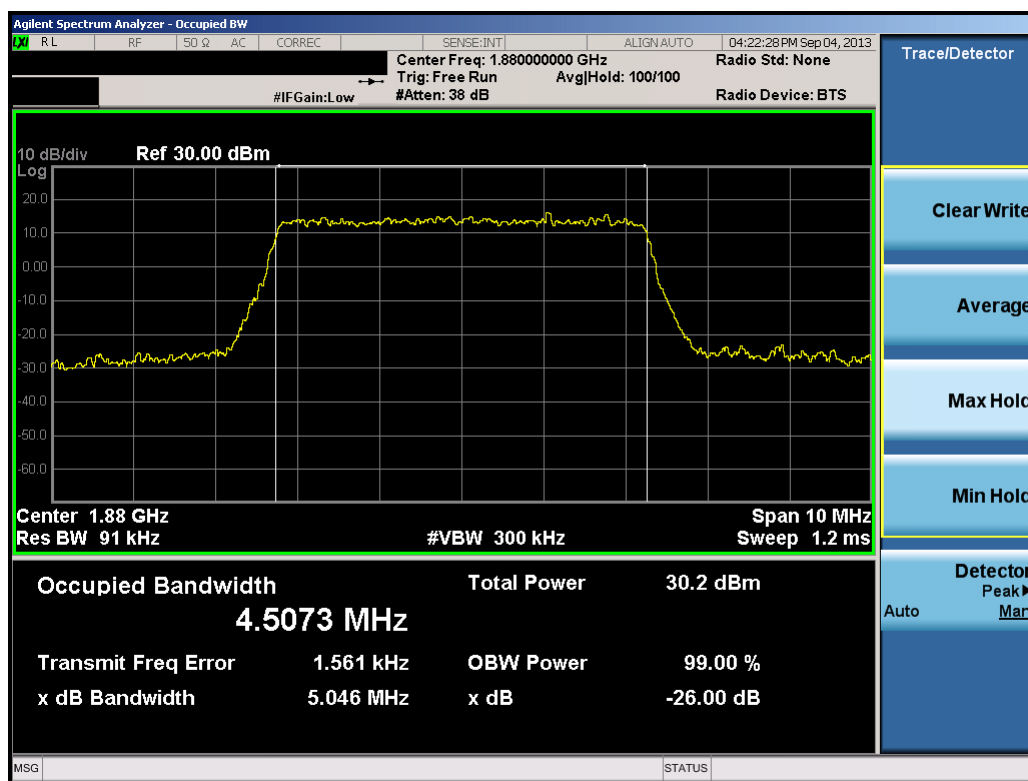


Plot 10-1. Lower Band Edge Plot (5.0MHz QPSK – RB Size 1, RB Offset 0)

FCC ID: A3LEKGN120A	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22, 24 & 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1309031722.A3L	Test Dates: 09/04-09/20/2013	EUT Type: Portable Camera		Page 92 of 121

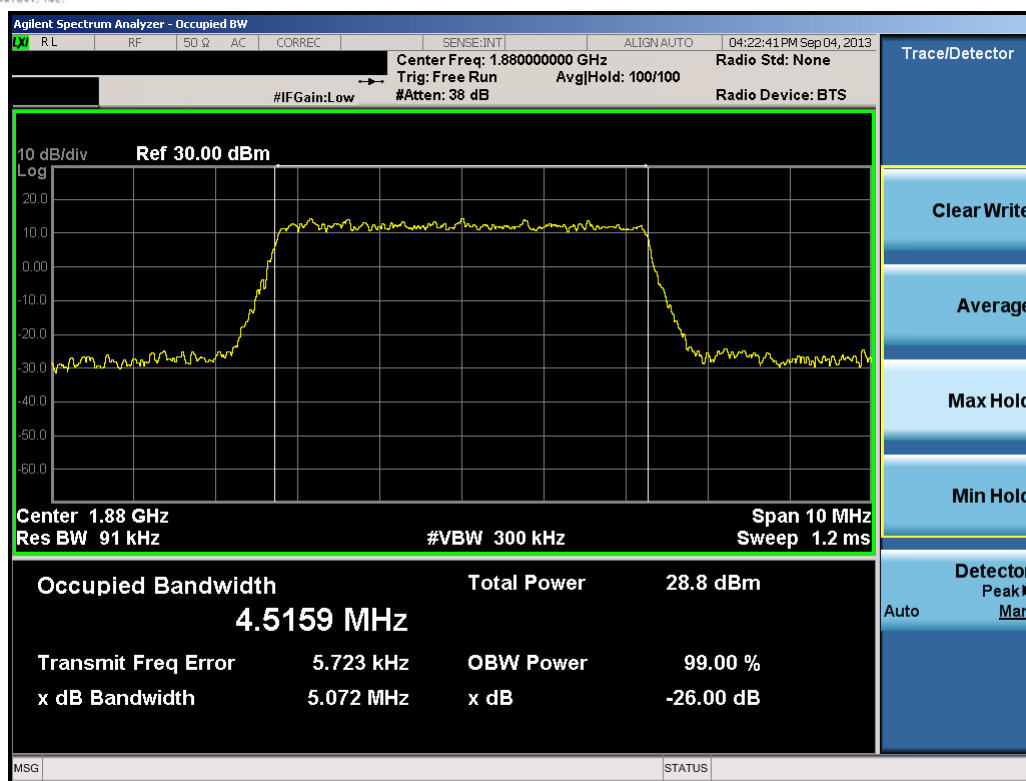


Plot 10-2. Lower Extended Band Edge Plot (5.0MHz QPSK – RB Size 25)

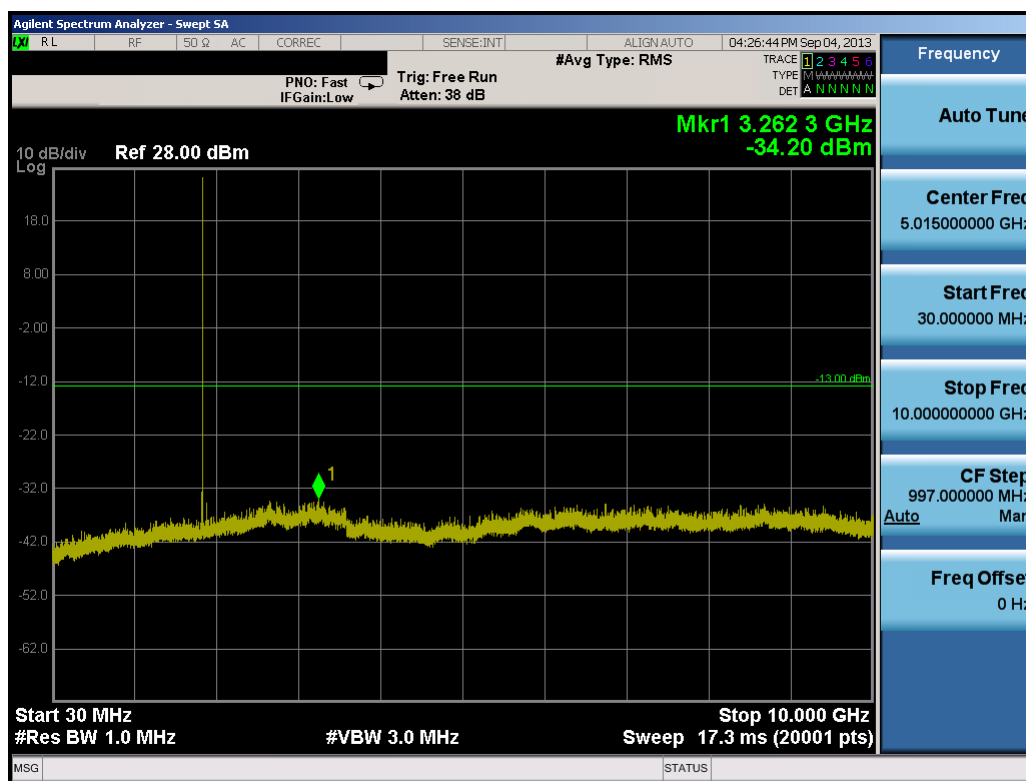


Plot 10-3. Occupied Bandwidth Plot (5.0MHz QPSK – RB Size 25)

FCC ID: A3LEKGN120A	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22, 24 & 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1309031722.A3L	Test Dates: 09/04-09/20/2013	EUT Type: Portable Camera		Page 93 of 121

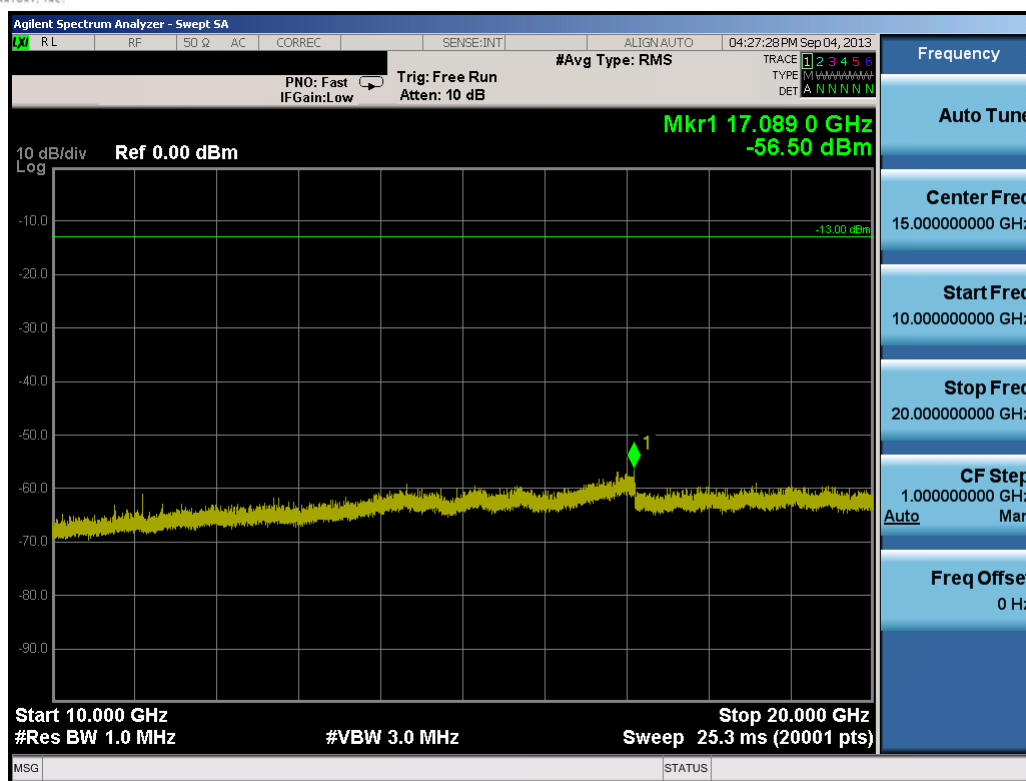


Plot 10-4. Occupied Bandwidth Plot (5.0MHz 16-QAM – RB Size 25)

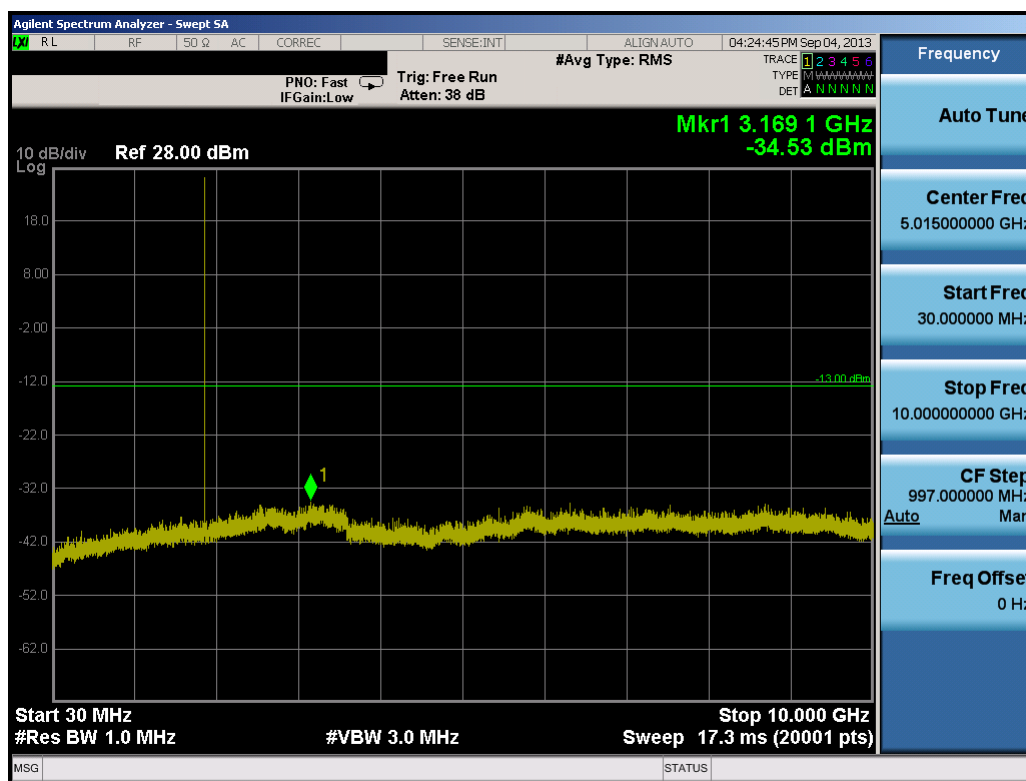


Plot 10-5. Conducted Spurious Plot (5.0MHz QPSK – RB Size 1, RB Offset 0 – Low Channel)

FCC ID: A3LEKGN120A	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22, 24 & 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1309031722.A3L	Test Dates: 09/04-09/20/2013	EUT Type: Portable Camera		Page 94 of 121

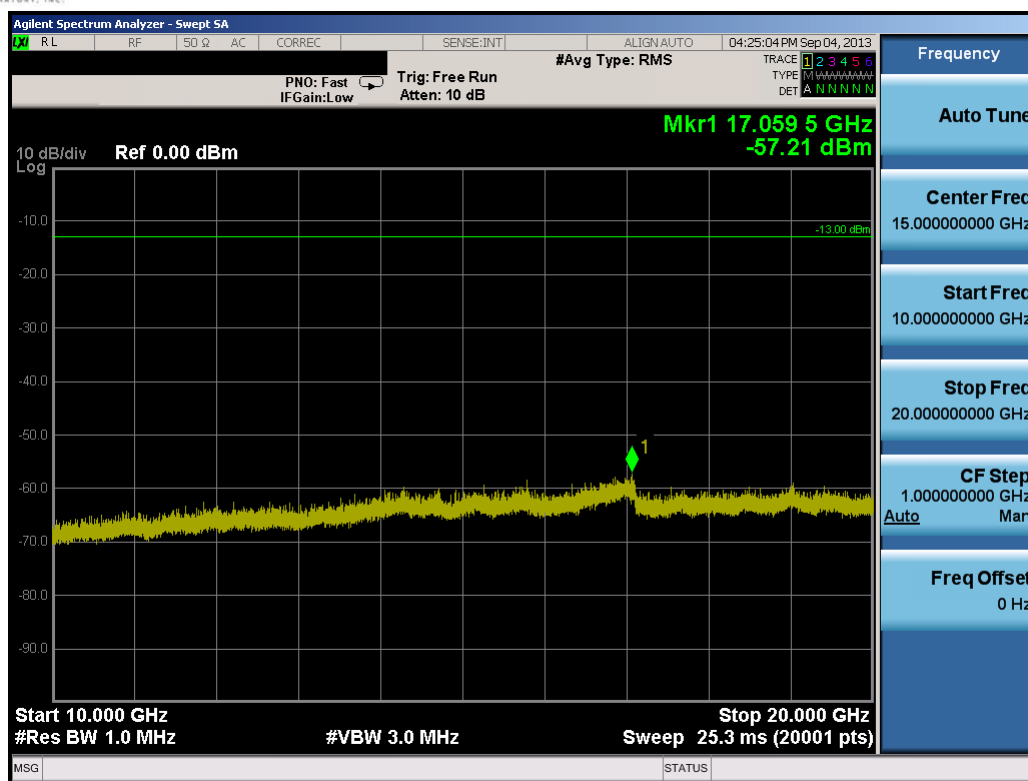


Plot 10-6. Conducted Spurious Plot (5.0MHz QPSK – RB Size 1, RB Offset 0 – Low Channel)

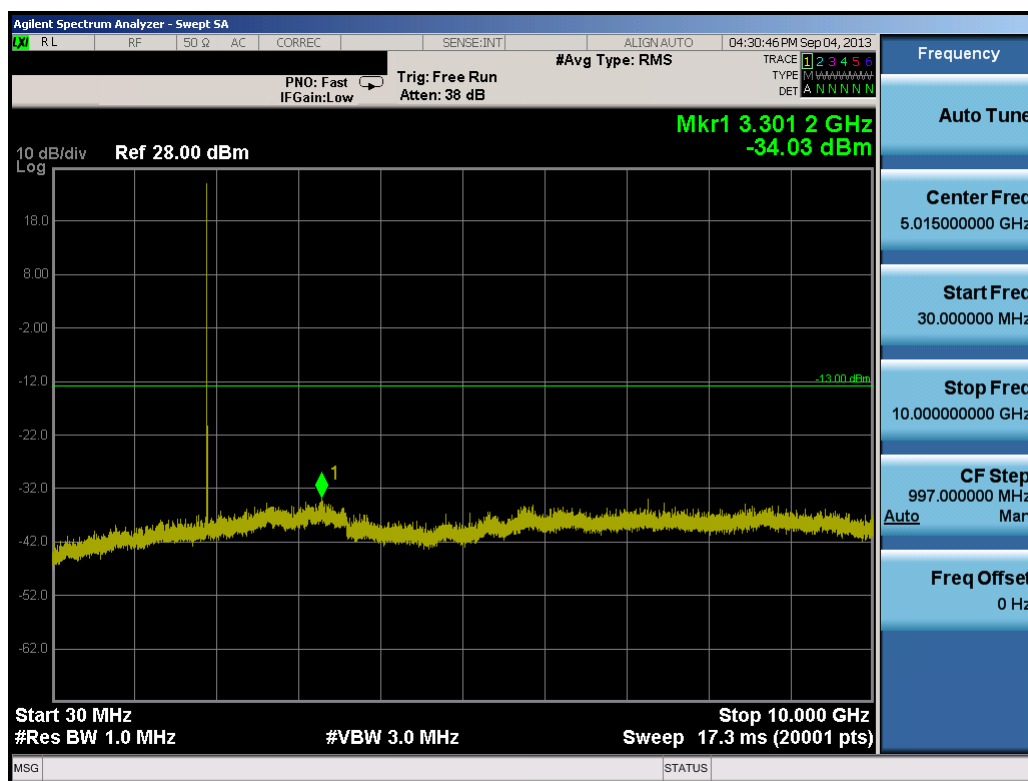


Plot 10-7. Conducted Spurious Plot (5.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)

FCC ID: A3LEKGN120A	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22, 24 & 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1309031722.A3L	Test Dates: 09/04-09/20/2013	EUT Type: Portable Camera		Page 95 of 121

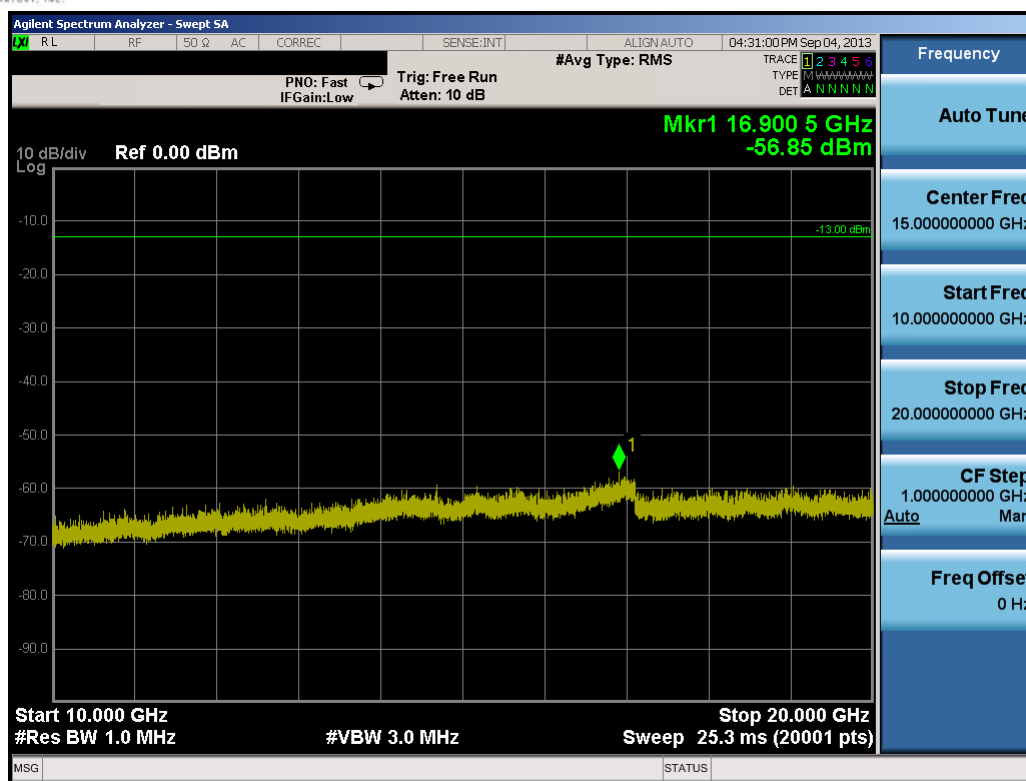


Plot 10-8. Conducted Spurious Plot (5.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)

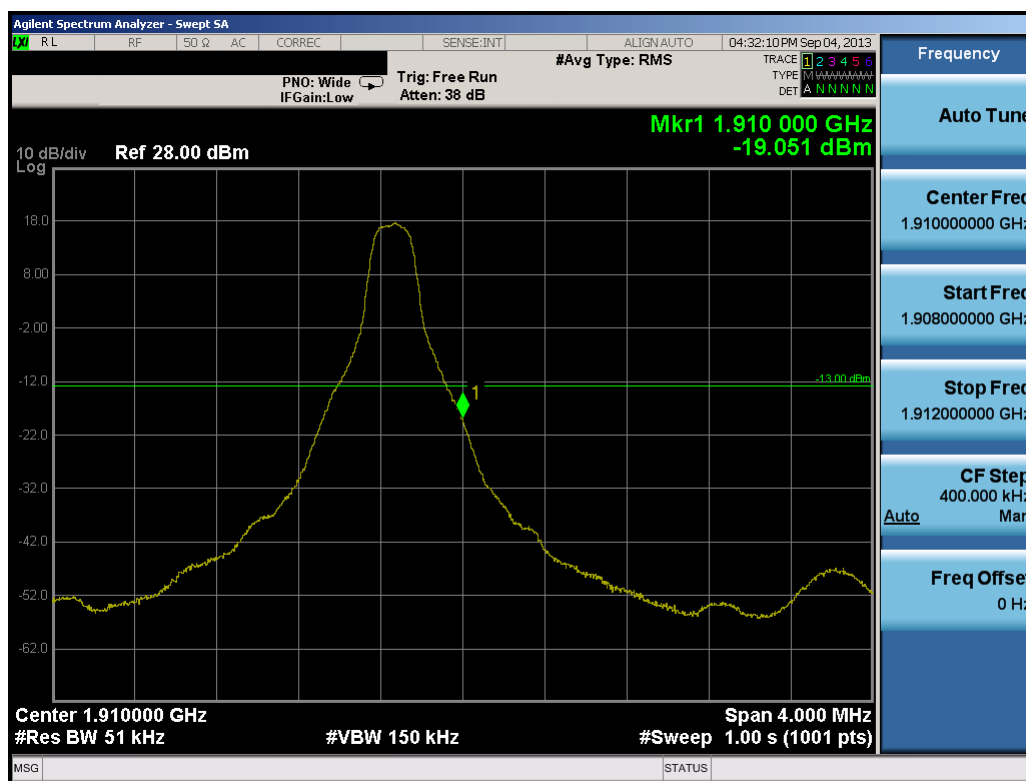


Plot 10-9. Conducted Spurious Plot (5.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)

FCC ID: A3LEKGN120A	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22, 24 & 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1309031722.A3L	Test Dates: 09/04-09/20/2013	EUT Type: Portable Camera		Page 96 of 121

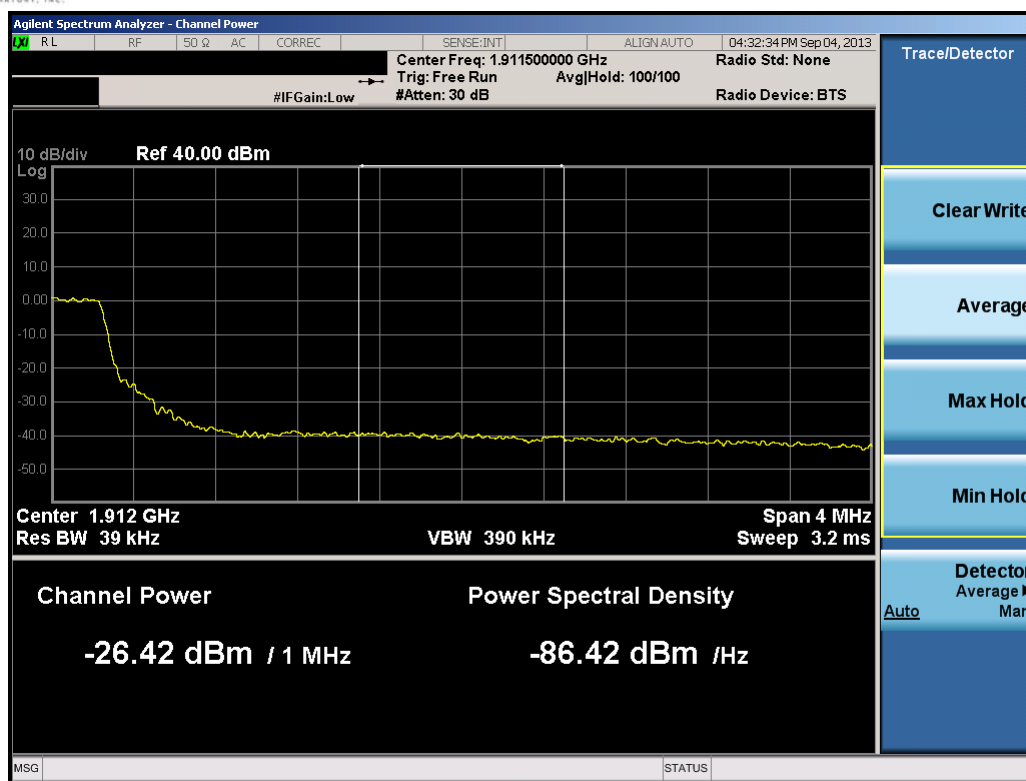


Plot 10-10. Conducted Spurious Plot (5.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)

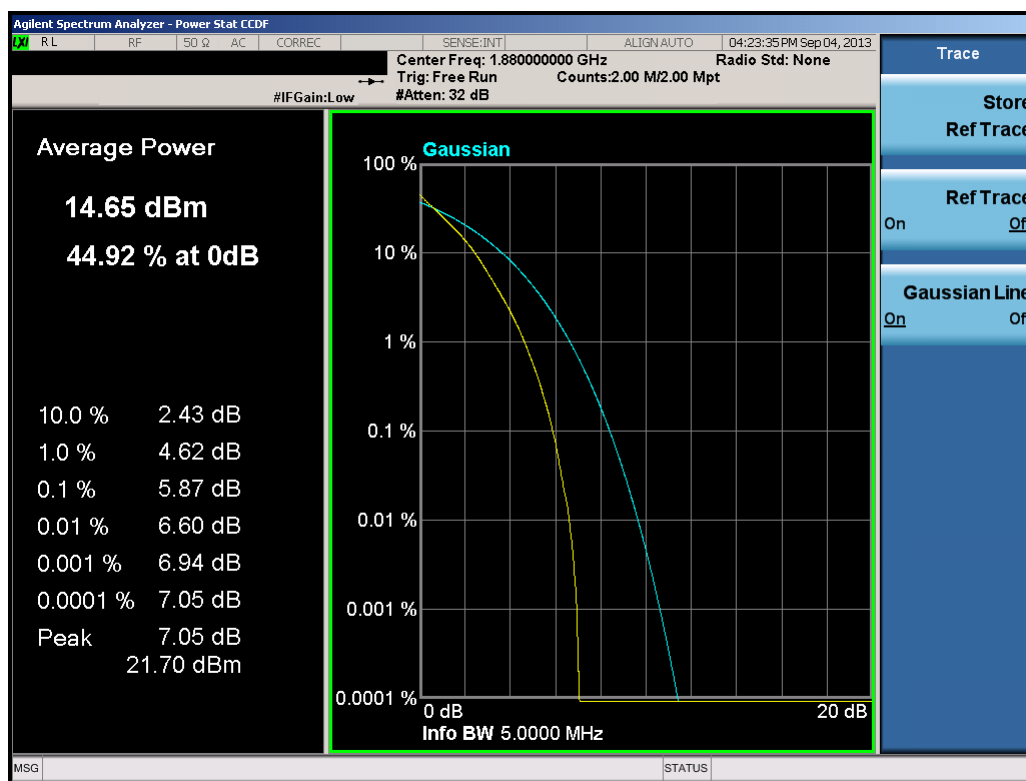


Plot 10-11. Upper Band Edge Plot (5.0MHz QPSK – RB Size 1, RB Offset 24)

FCC ID: A3LEKGN120A	 FCC Pt. 22, 24 & 27 LTE MEASUREMENT REPORT (CERTIFICATION) 		Reviewed by: Quality Manager
Test Report S/N: 0Y1309031722.A3L	Test Dates: 09/04-09/20/2013	EUT Type: Portable Camera	Page 97 of 121

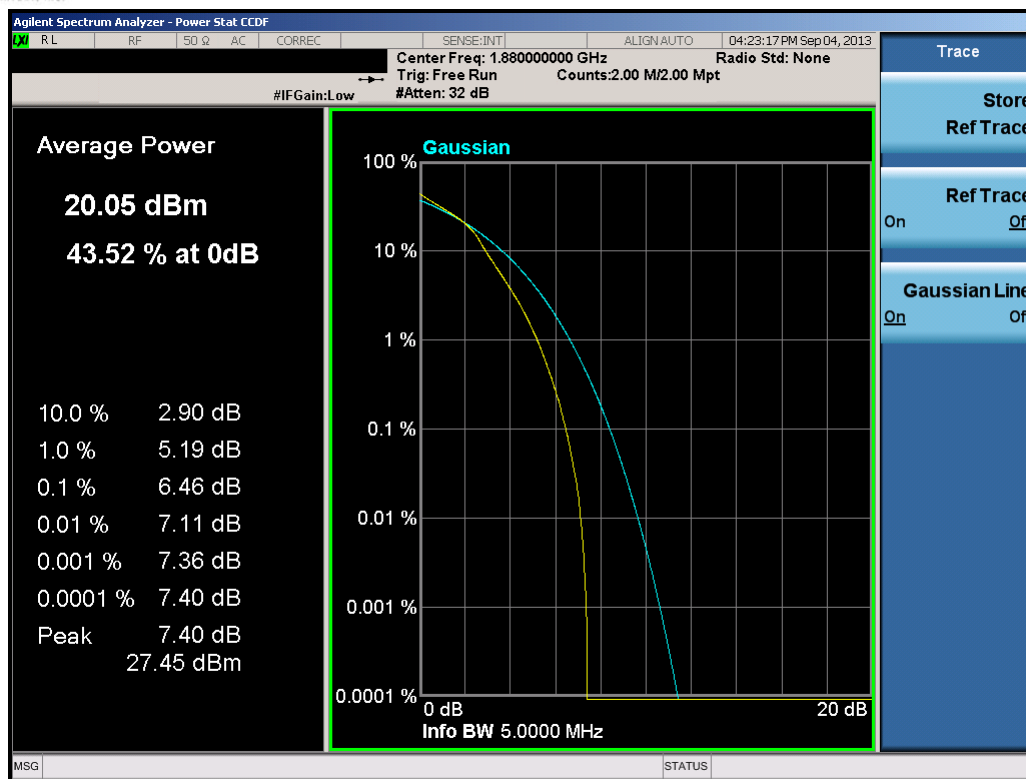


Plot 10-12. Upper Extended Band Edge Plot (5.0MHz QPSK – RB Size 25)

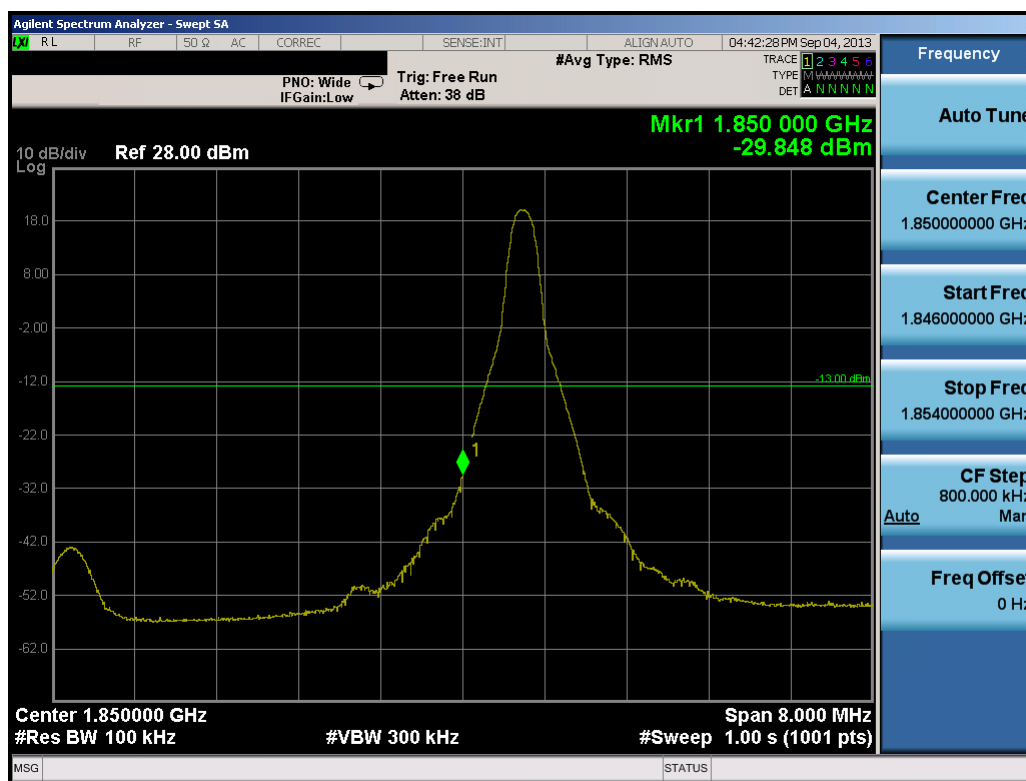


Plot 10-13. PAR Plot (5.0MHz QPSK – RB Size 25)

FCC ID: A3LEKGN120A	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22, 24 & 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1309031722.A3L	Test Dates: 09/04-09/20/2013	EUT Type: Portable Camera		Page 98 of 121

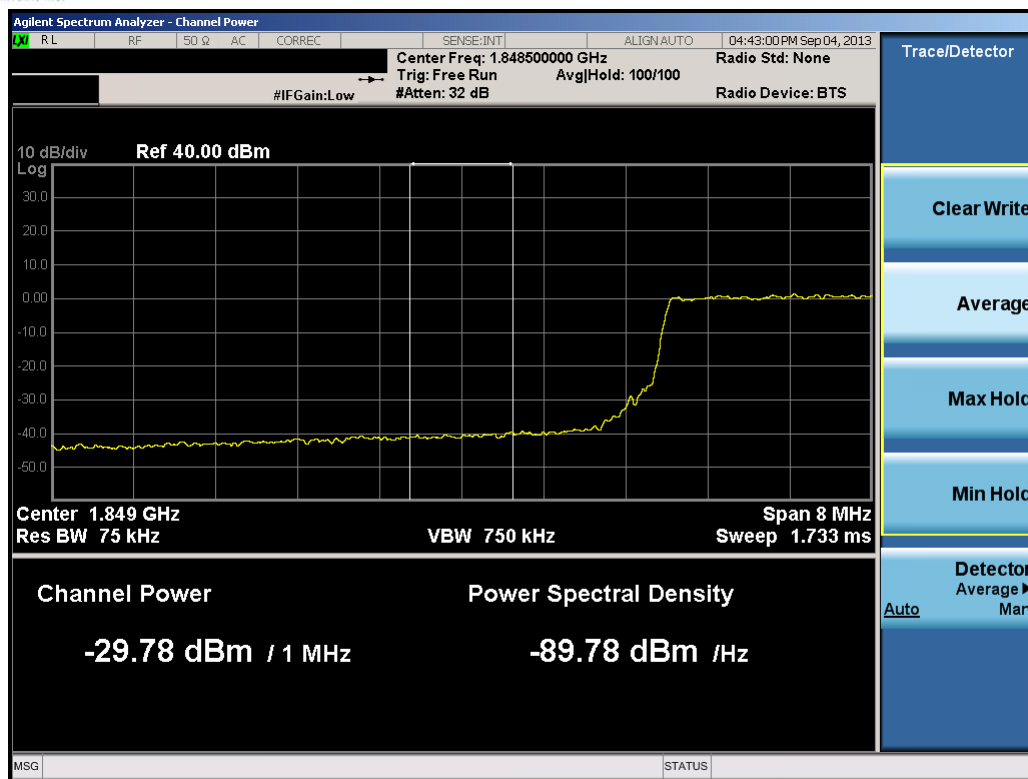


Plot 10-14. PAR Plot (5.0MHz 16-QAM – RB Size 25)

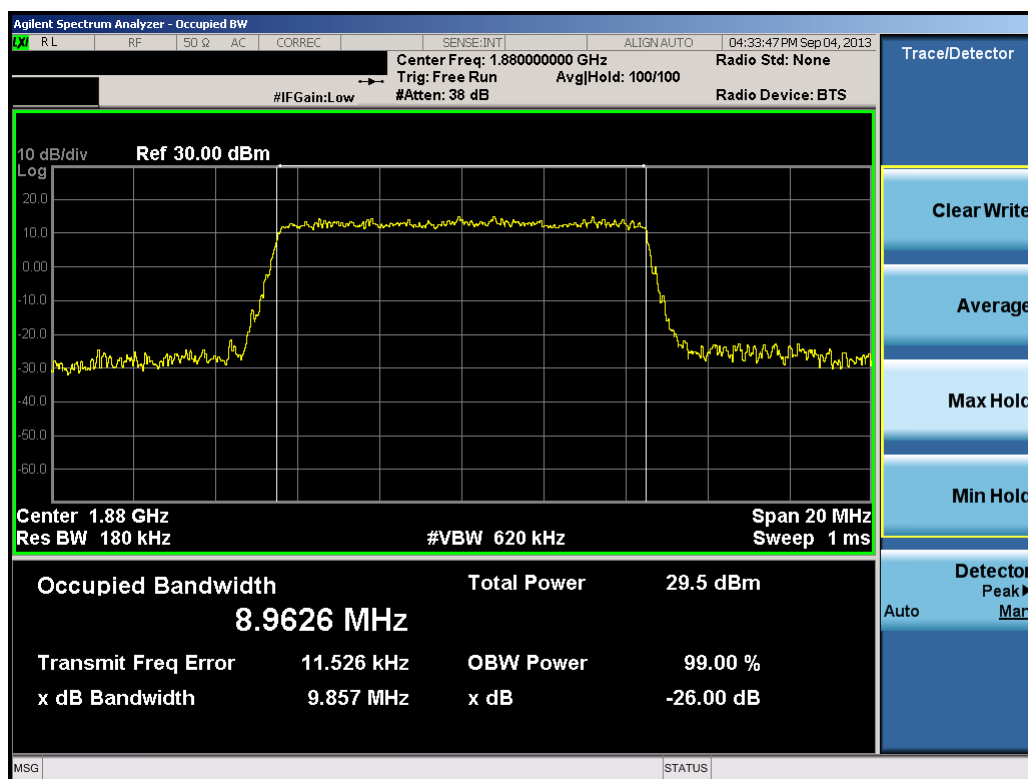


Plot 10-15. Lower Band Edge Plot (10.0MHz QPSK – RB Size 1, RB Offset 0)

FCC ID: A3LEKGN120A	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22, 24 & 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1309031722.A3L	Test Dates: 09/04-09/20/2013	EUT Type: Portable Camera		Page 99 of 121

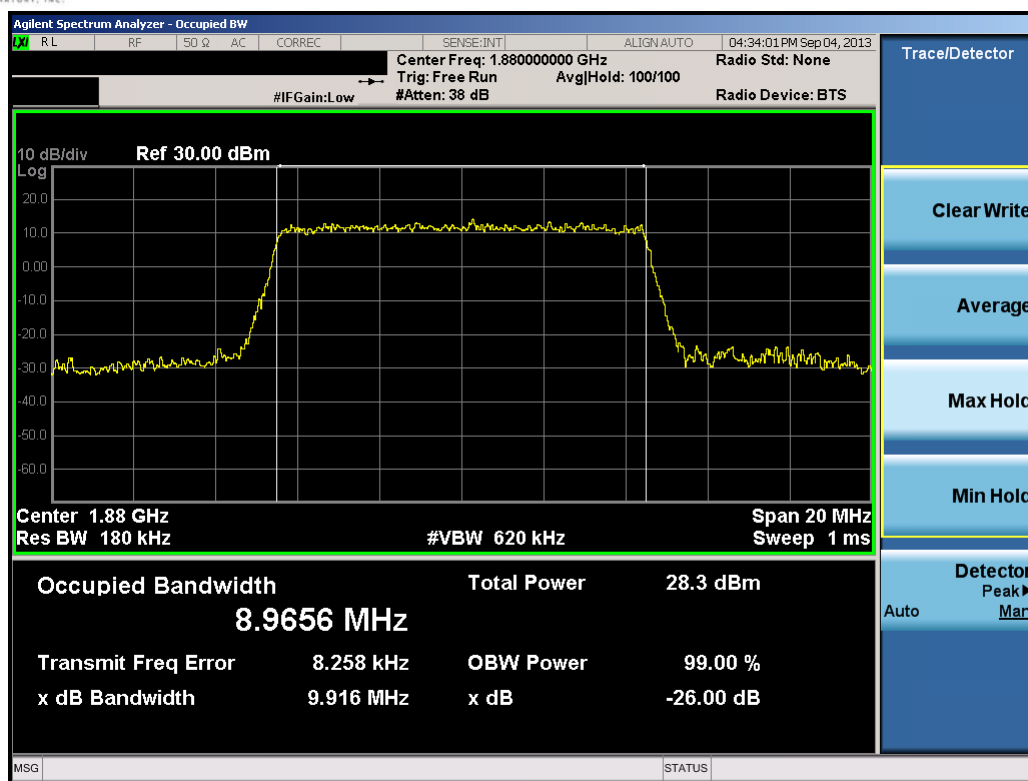


Plot 10-16. Lower Extended Band Edge Plot (10.0MHz QPSK – RB Size 50)

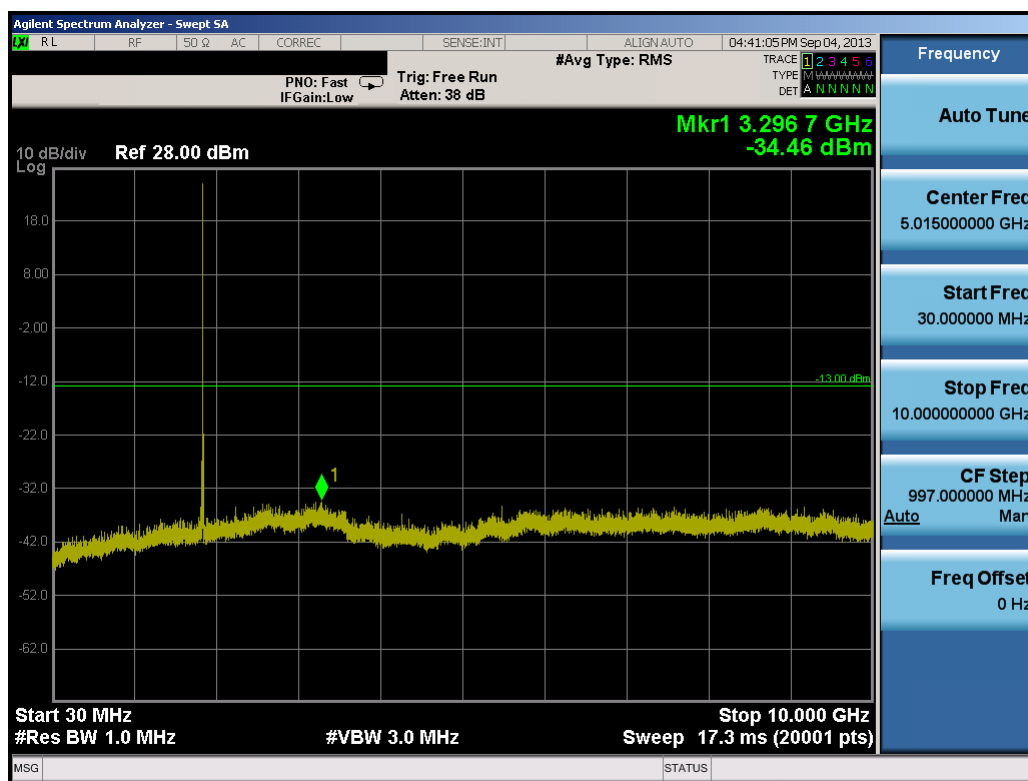


Plot 10-17. Occupied Bandwidth Plot (10.0MHz QPSK – RB Size 50)

FCC ID: A3LEKGN120A	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22, 24 & 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1309031722.A3L	Test Dates: 09/04-09/20/2013	EUT Type: Portable Camera		Page 100 of 121

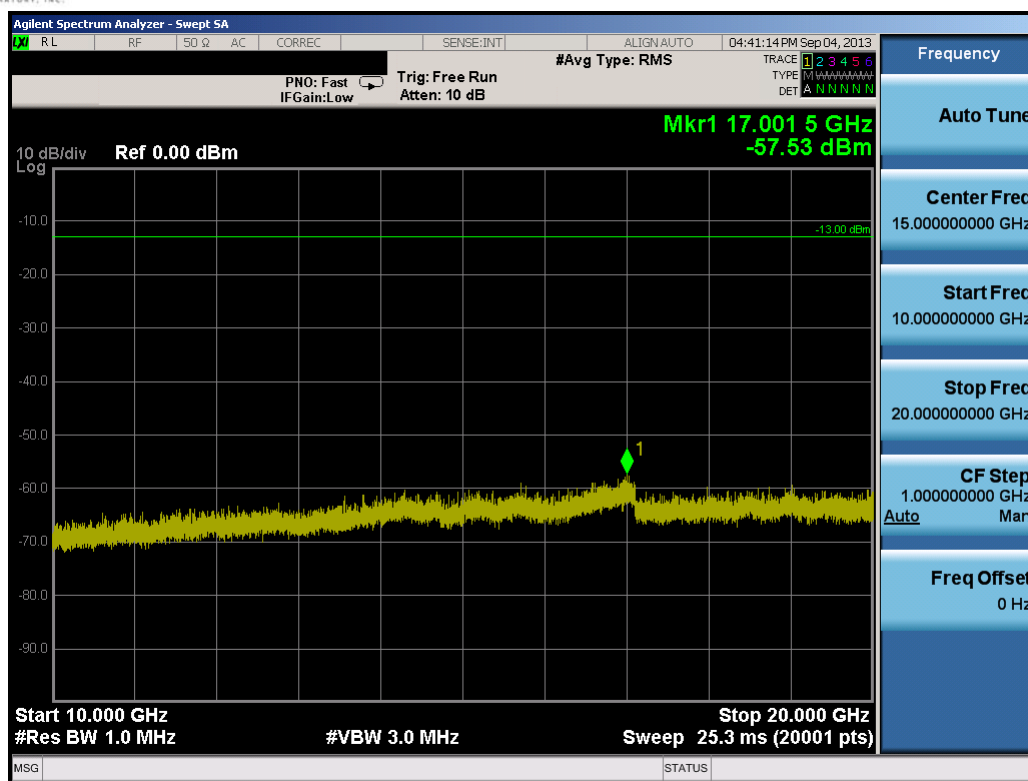


Plot 10-18. Occupied Bandwidth Plot (10.0MHz 16-QAM – RB Size 50)

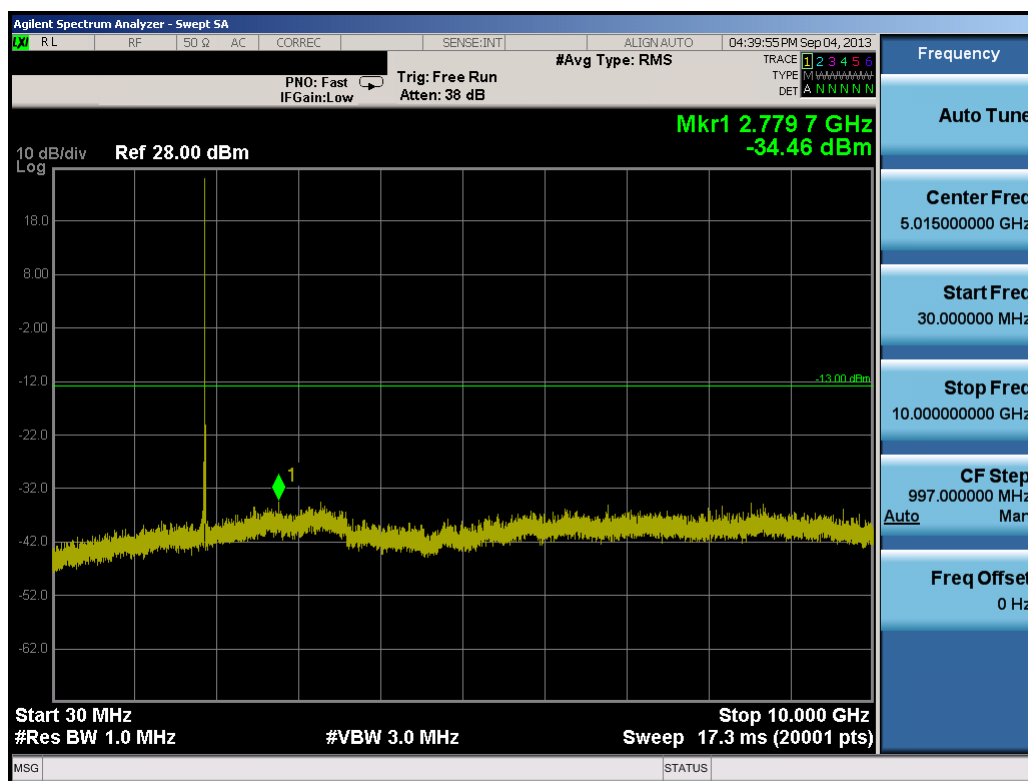


Plot 10-19. Conducted Spurious Plot (10.0MHz QPSK – RB Size 1, RB Offset 0– Low Channel)

FCC ID: A3LEKGN120A	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22, 24 & 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1309031722.A3L	Test Dates: 09/04-09/20/2013	EUT Type: Portable Camera		Page 101 of 121

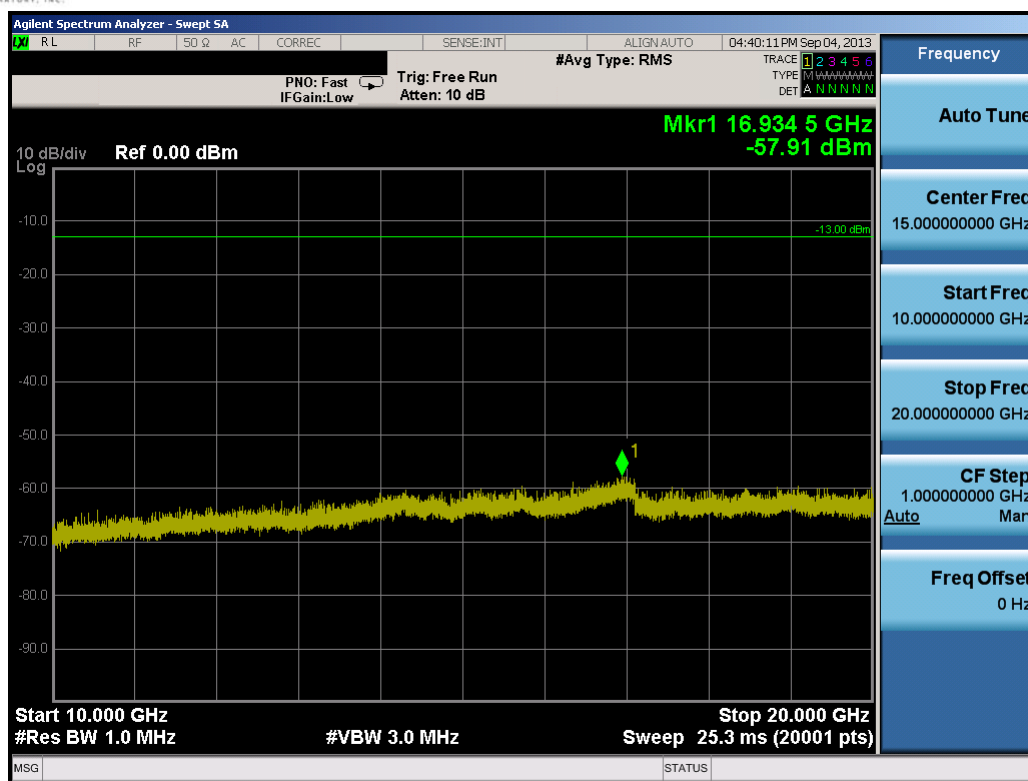


Plot 10-20. Conducted Spurious Plot (10.0MHz QPSK – RB Size 1, RB Offset 0 – Low Channel)

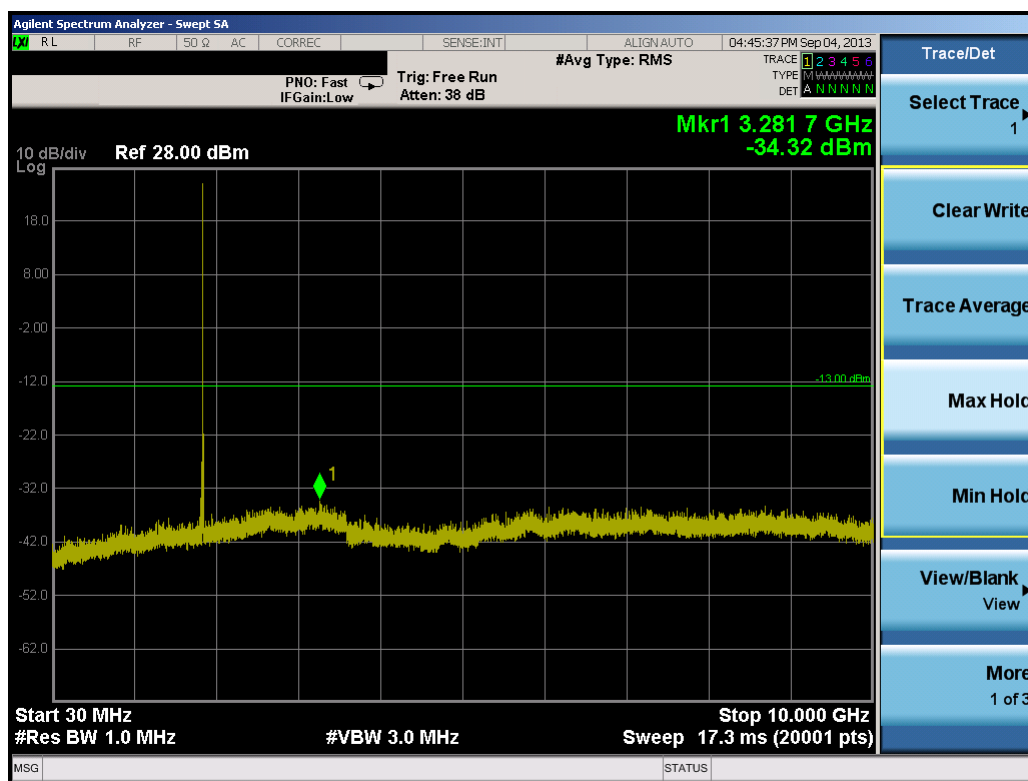


Plot 10-21. Conducted Spurious Plot (10.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)

FCC ID: A3LEKGN120A	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22, 24 & 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1309031722.A3L	Test Dates: 09/04-09/20/2013	EUT Type: Portable Camera		Page 102 of 121

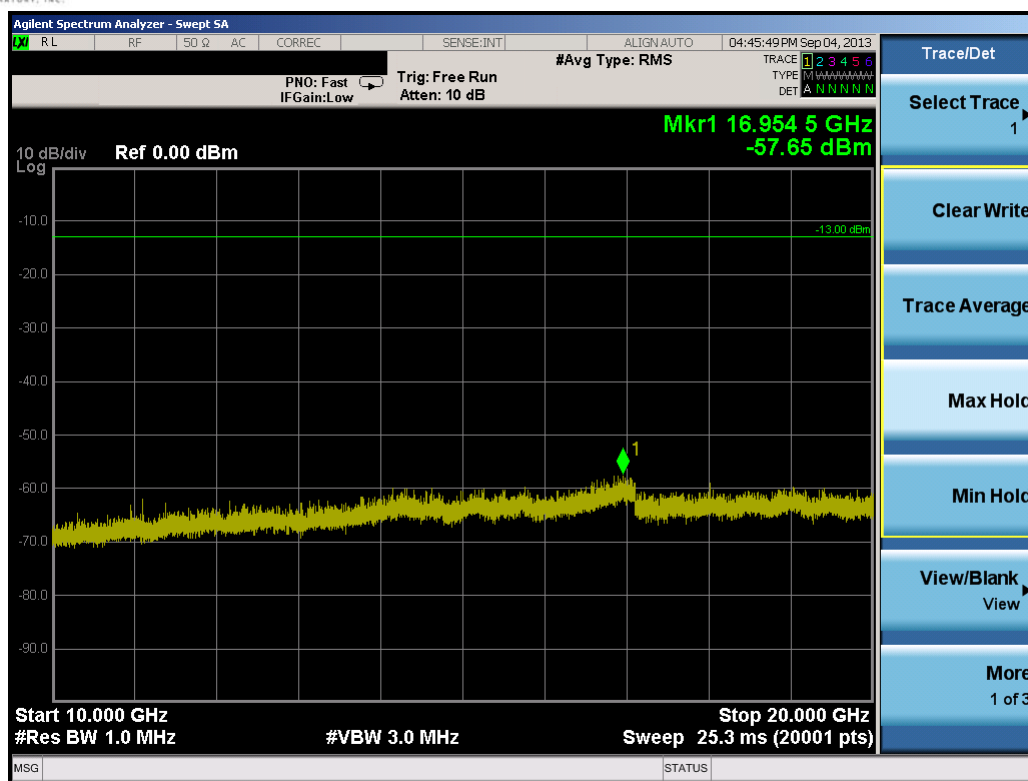


Plot 10-22. Conducted Spurious Plot (10.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)

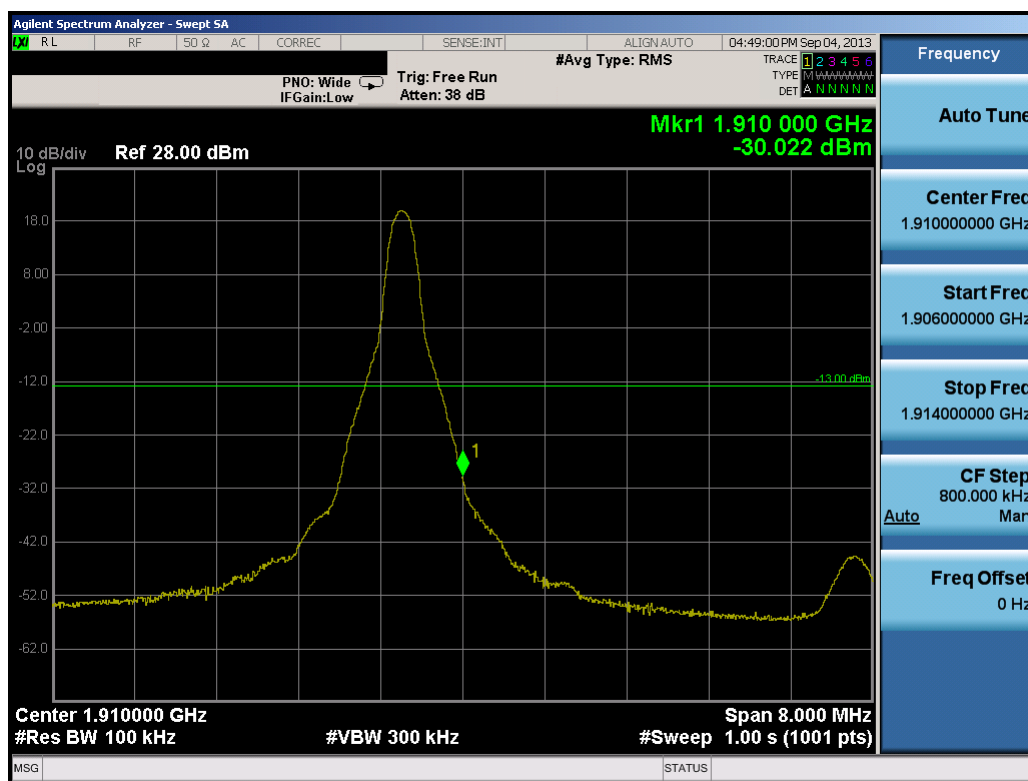


Plot 10-23. Conducted Spurious Plot (10.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)

FCC ID: A3LEKGN120A	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22, 24 & 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1309031722.A3L	Test Dates: 09/04-09/20/2013	EUT Type: Portable Camera		Page 103 of 121

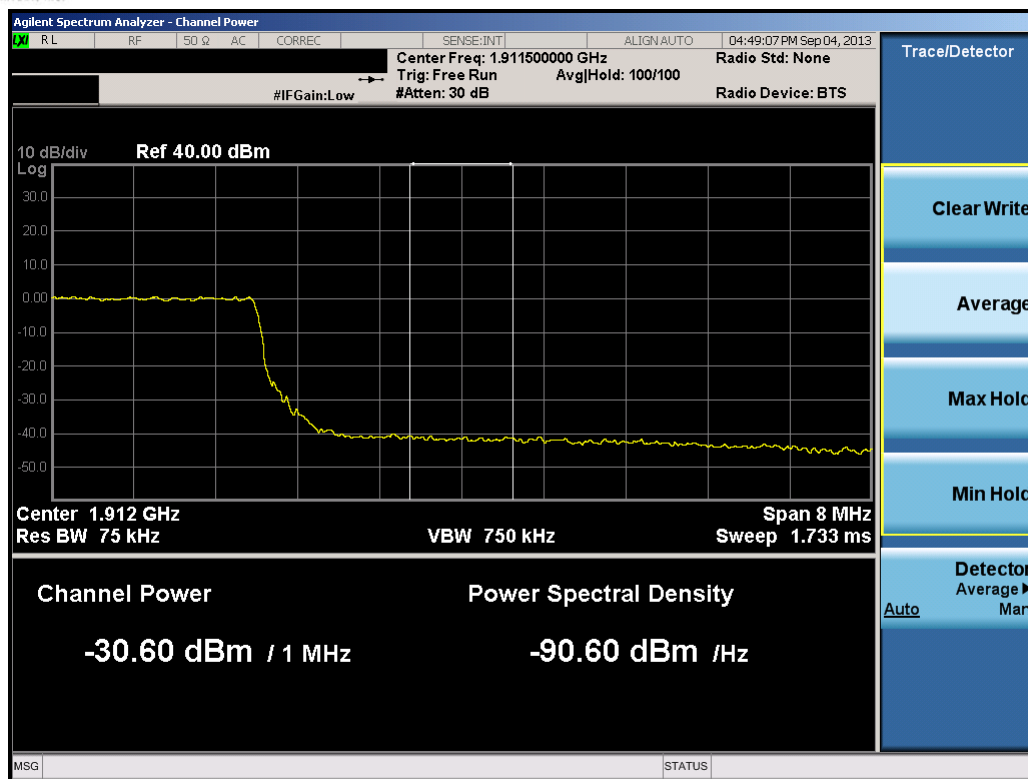


Plot 10-24. Conducted Spurious Plot (10.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)

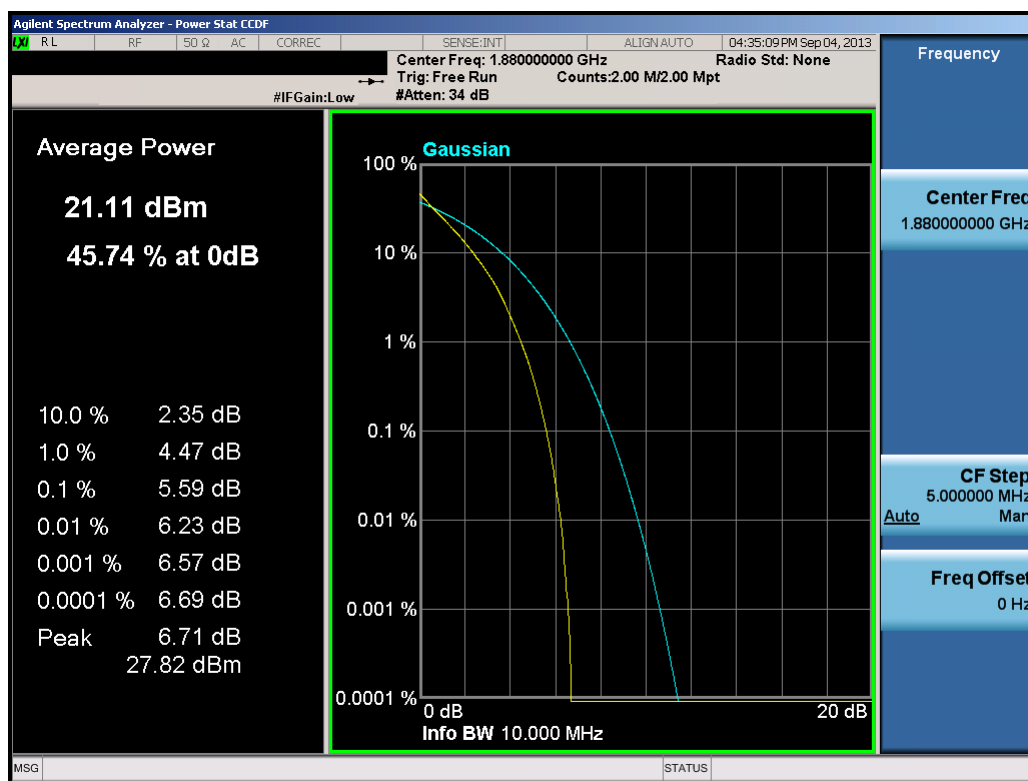


Plot 10-25. Upper Band Edge Plot (10.0MHz QPSK – RB Size 1, RB Offset 49)

FCC ID: A3LEKGN120A	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22, 24 & 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1309031722.A3L	Test Dates: 09/04-09/20/2013	EUT Type: Portable Camera		Page 104 of 121

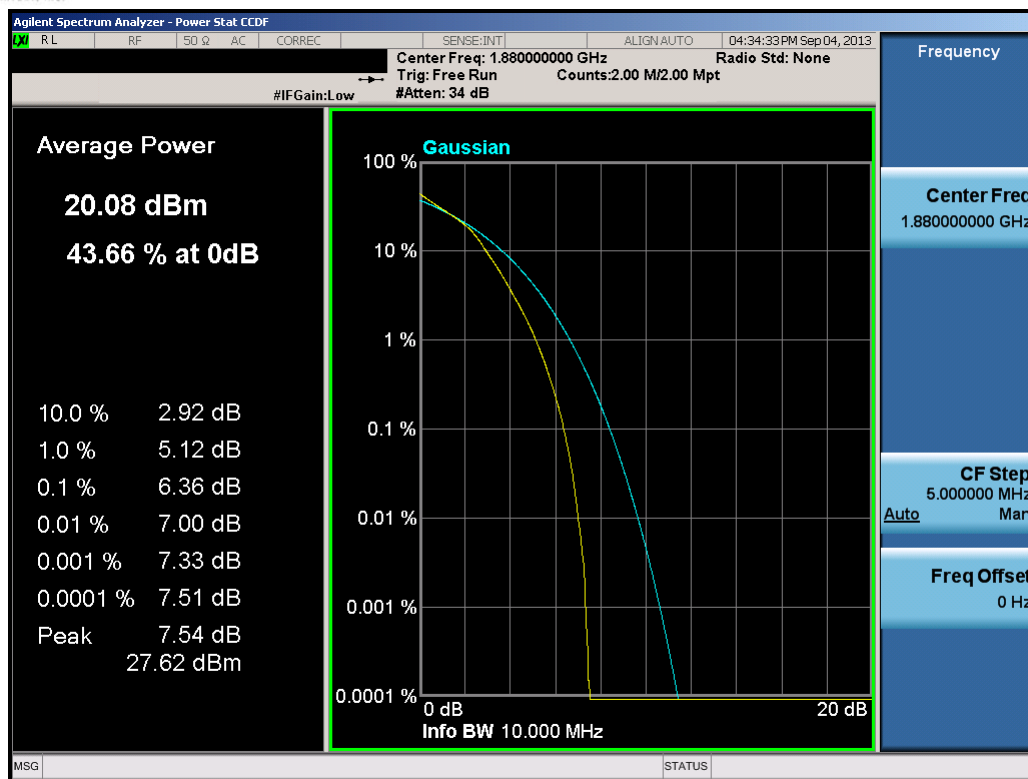


Plot 10-26. Upper Extended Band Edge Plot (10.0MHz QPSK – RB Size 50)

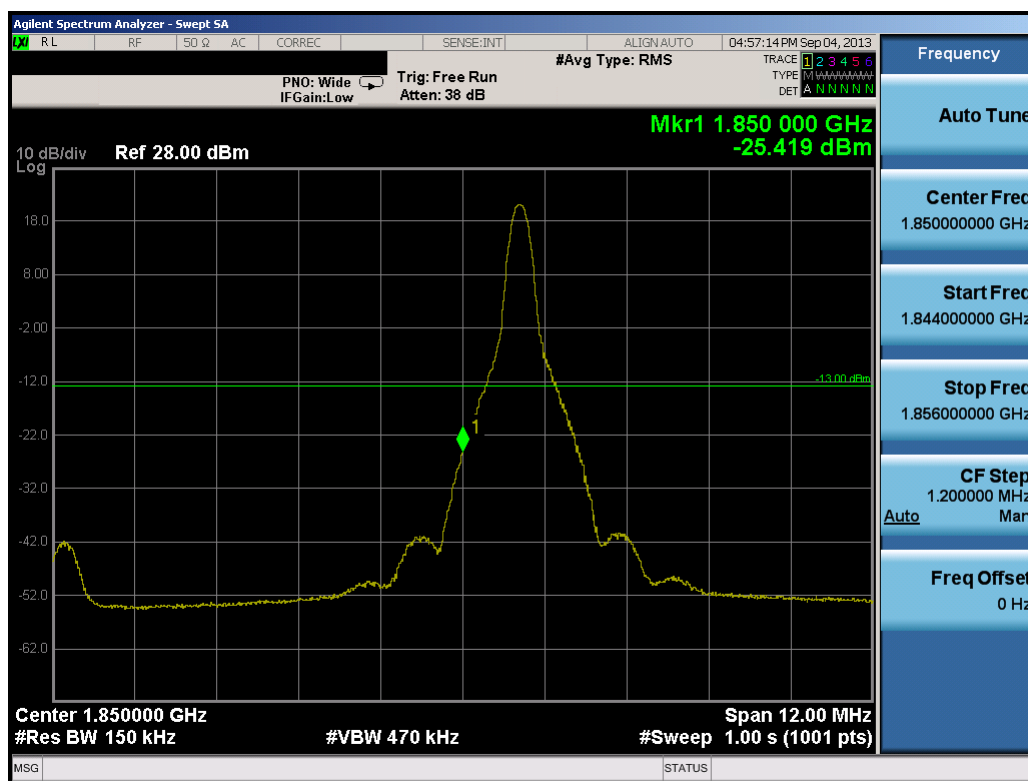


Plot 10-27. PAR Plot (10.0MHz QPSK – RB Size 50)

FCC ID: A3LEKGN120A	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22, 24 & 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1309031722.A3L	Test Dates: 09/04-09/20/2013	EUT Type: Portable Camera		Page 105 of 121

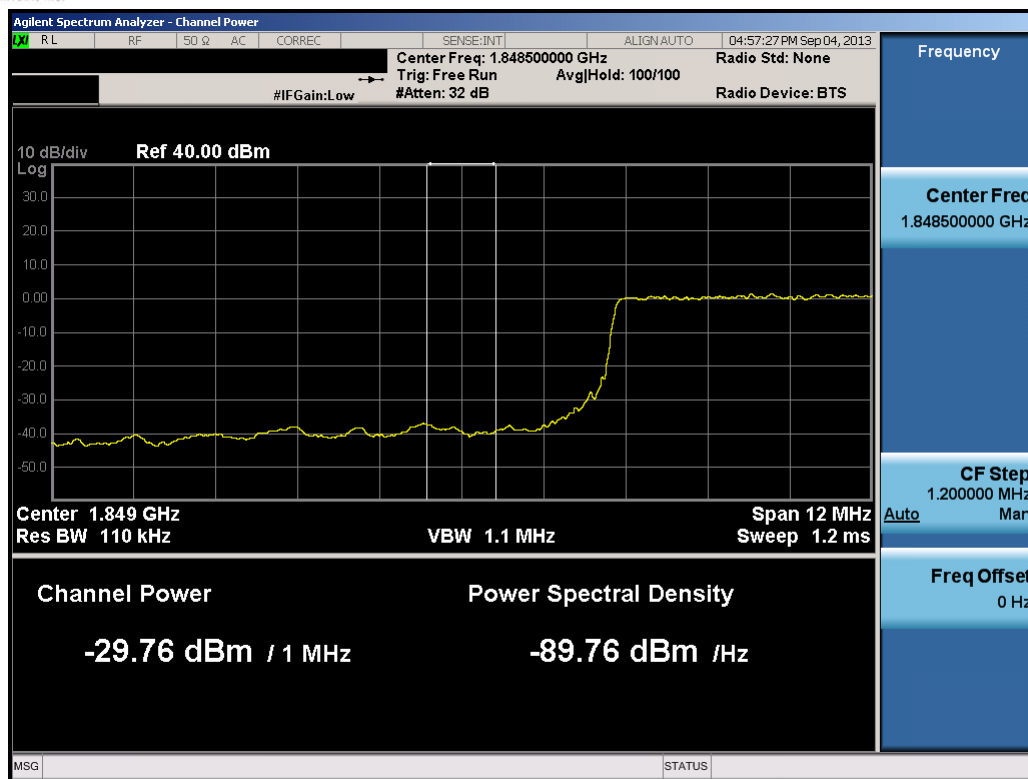


Plot 10-28. PAR Plot (10.0MHz 16-QAM – RB Size 50)

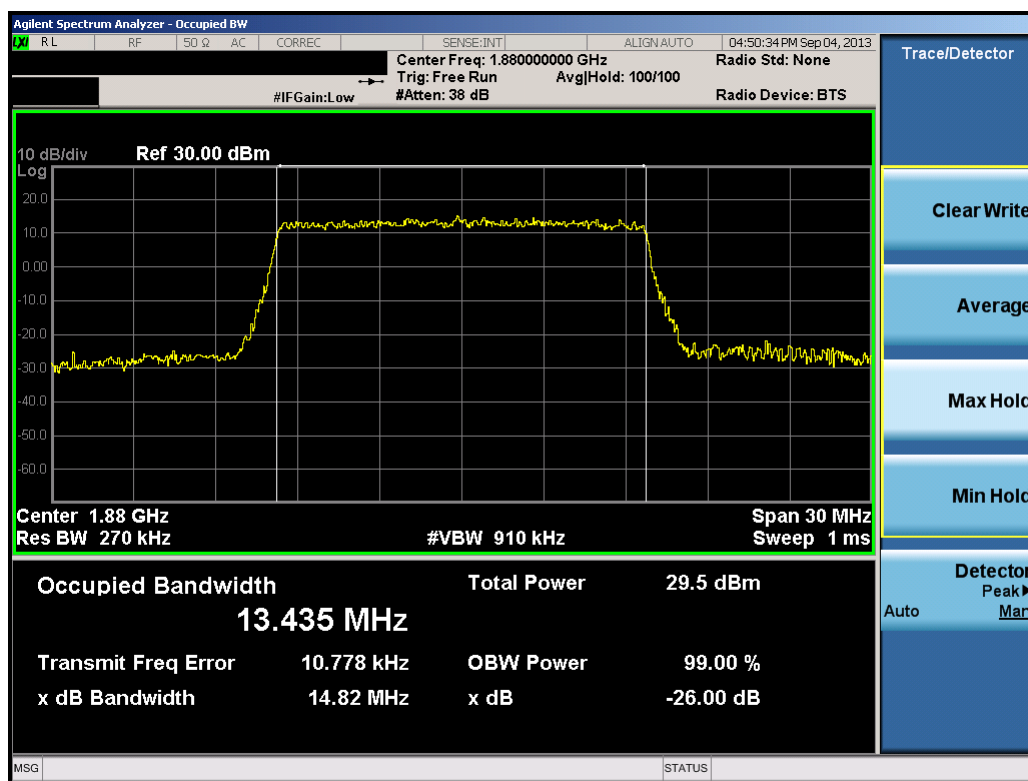


Plot 10-29. Lower Band Edge Plot (15.0MHz QPSK – RB Size 1, RB Offset 0)

FCC ID: A3LEKGN120A	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22, 24 & 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1309031722.A3L	Test Dates: 09/04-09/20/2013	EUT Type: Portable Camera		Page 106 of 121

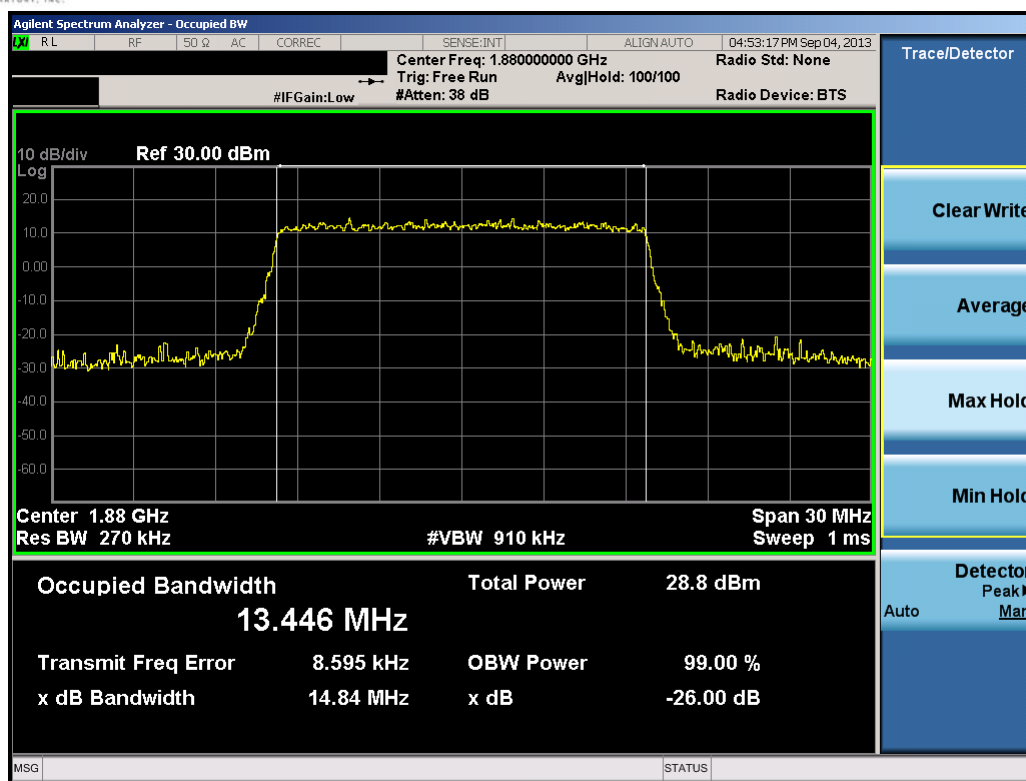


Plot 10-30. Lower Extended Band Edge Plot (15.0MHz QPSK – RB Size 75)

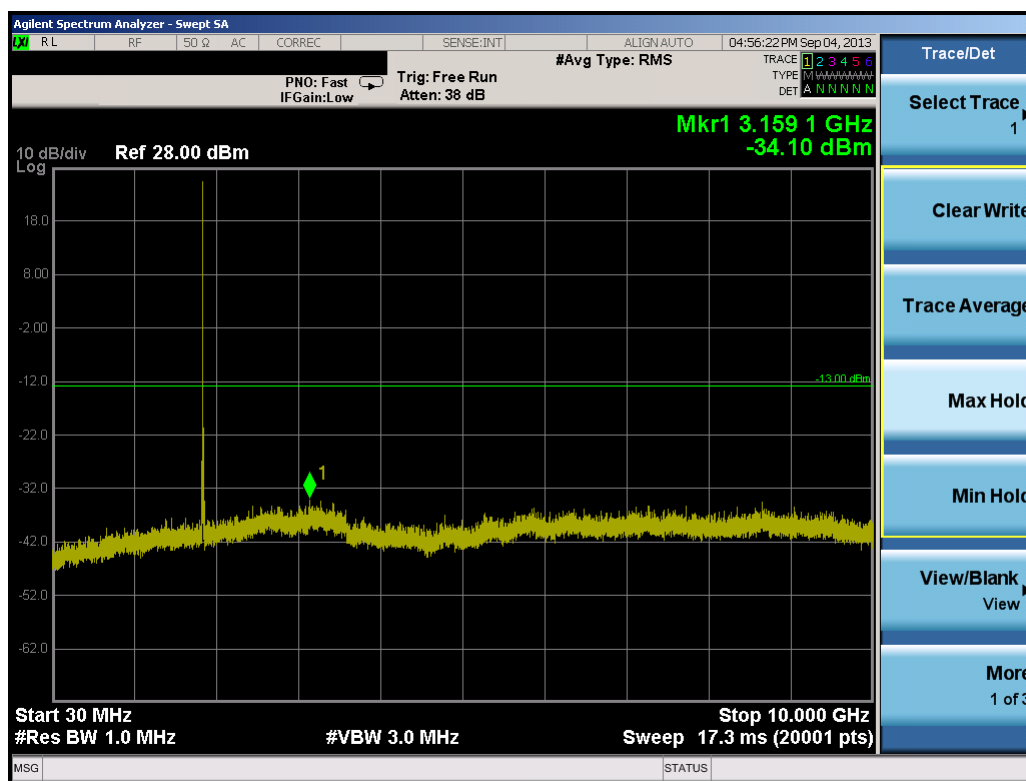


Plot 10-31. Occupied Bandwidth Plot (15.0MHz QPSK – RB Size 75)

FCC ID: A3LEKGN120A	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22, 24 & 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1309031722.A3L	Test Dates: 09/04-09/20/2013	EUT Type: Portable Camera		Page 107 of 121

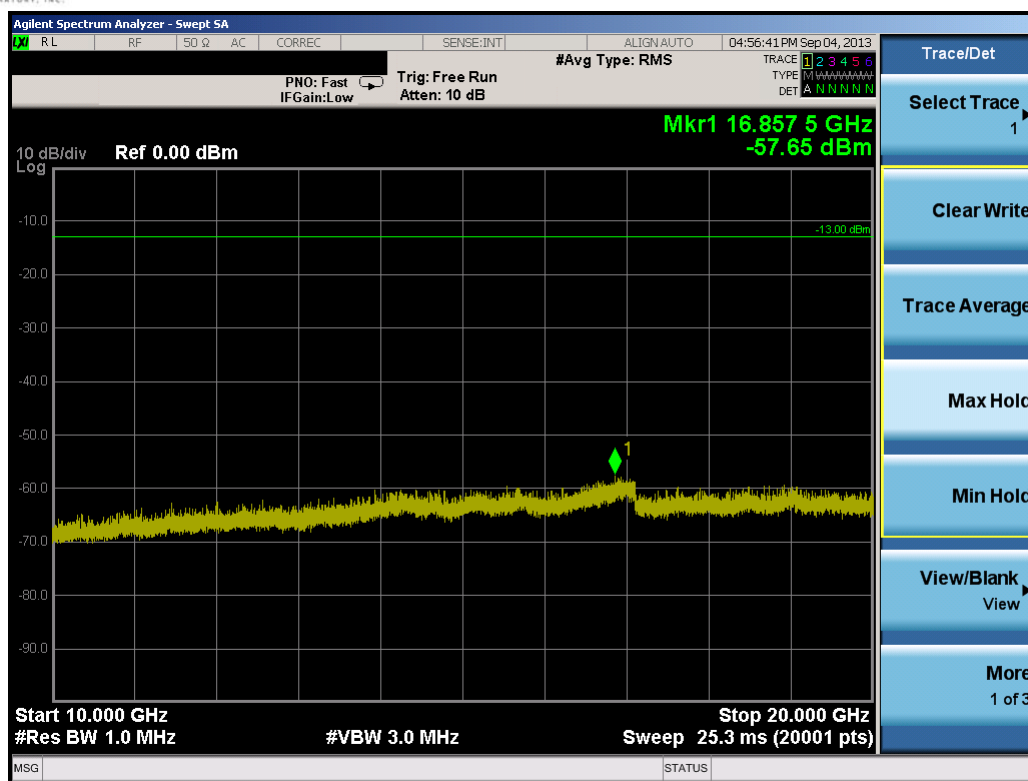


Plot 10-32. Occupied Bandwidth Plot (15.0MHz 16-QAM – RB Size 75)

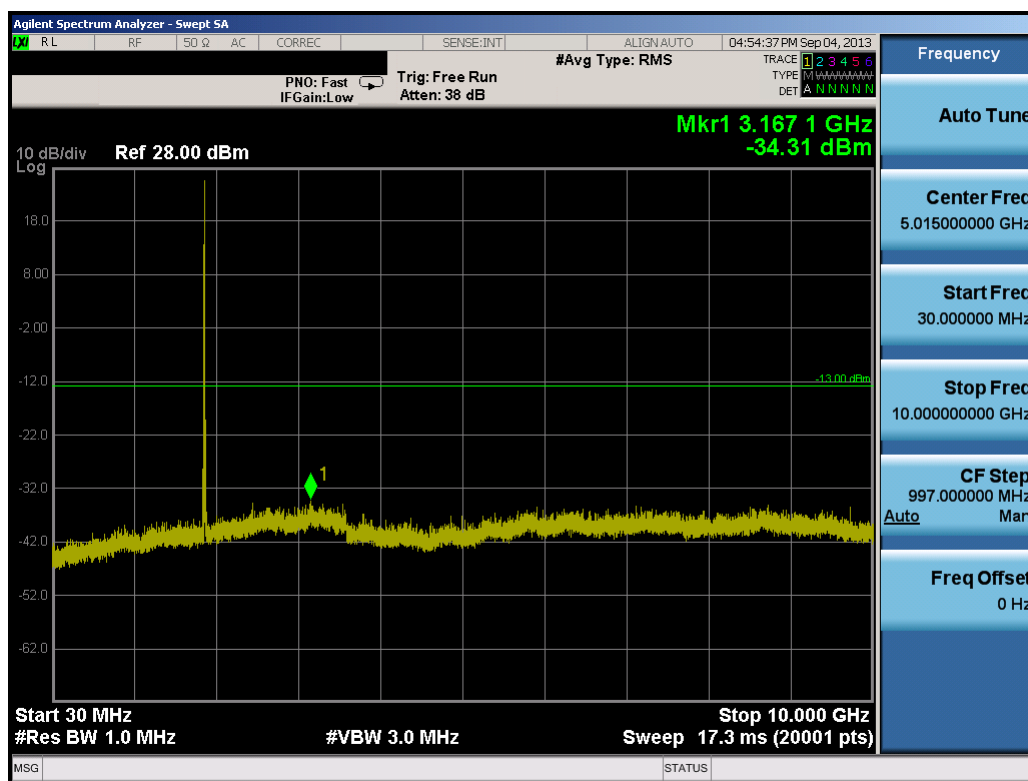


Plot 10-33. Conducted Spurious Plot (15.0MHz QPSK – RB Size 1, RB Offset 0 – Low Channel)

FCC ID: A3LEKGN120A	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22, 24 & 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1309031722.A3L	Test Dates: 09/04-09/20/2013	EUT Type: Portable Camera		Page 108 of 121

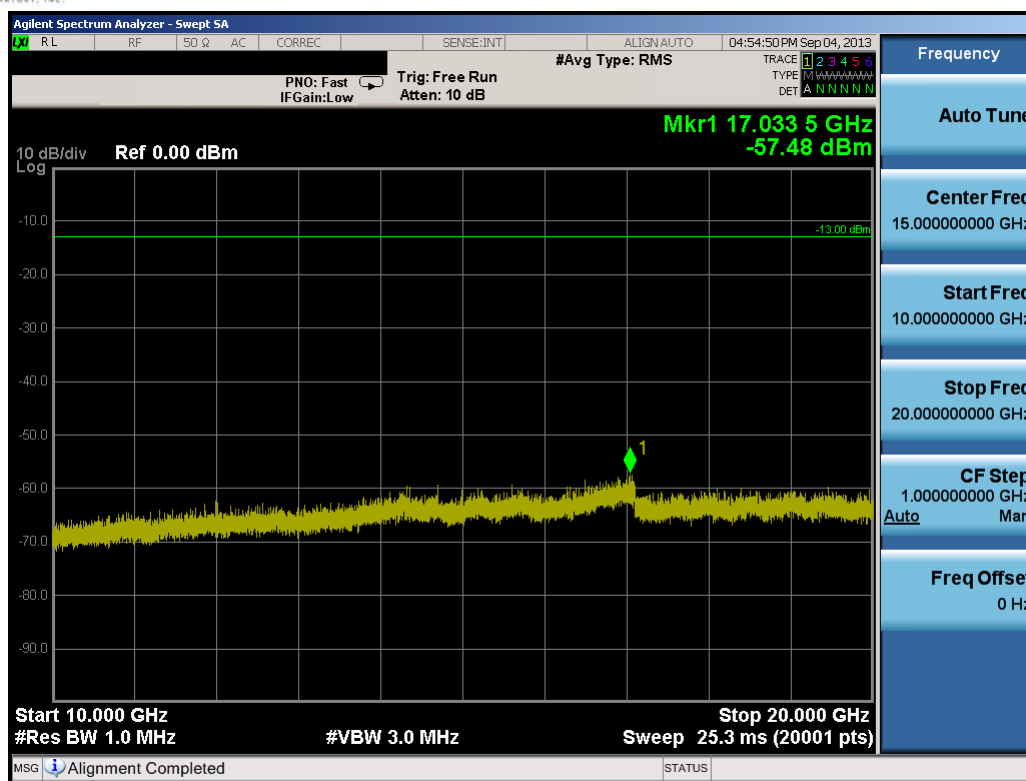


Plot 10-34. Conducted Spurious Plot (15.0MHz QPSK – RB Size 1, RB Offset 0 – Low Channel)

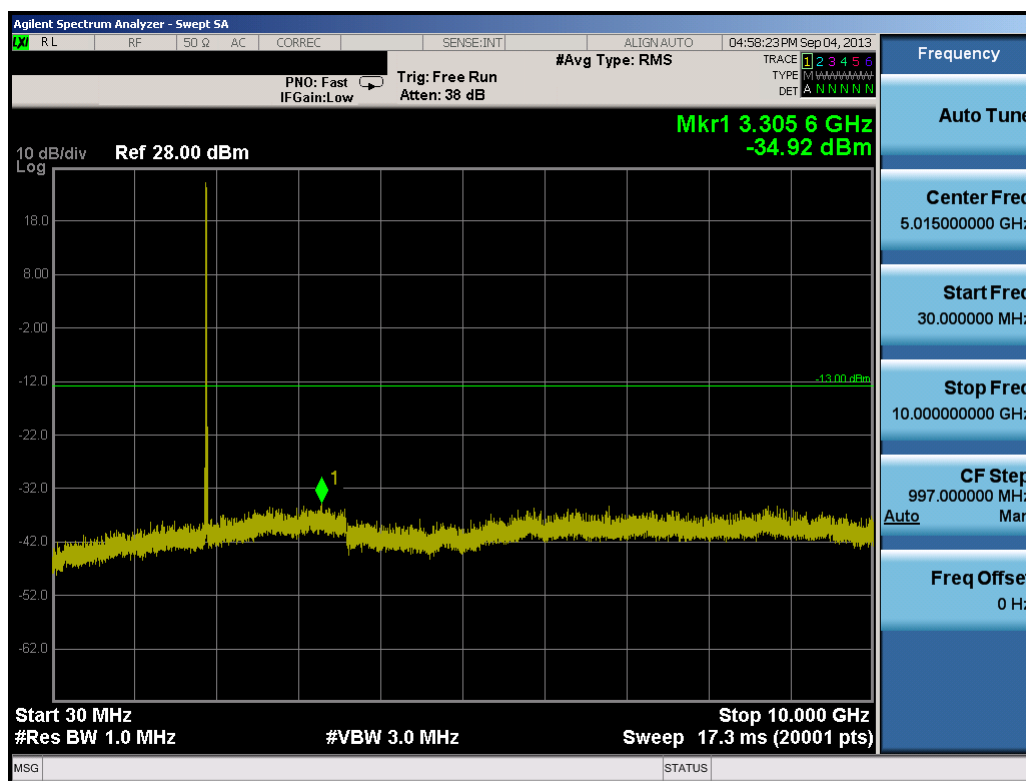


Plot 10-35. Conducted Spurious Plot (15.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)

FCC ID: A3LEKGN120A	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22, 24 & 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1309031722.A3L	Test Dates: 09/04-09/20/2013	EUT Type: Portable Camera		Page 109 of 121

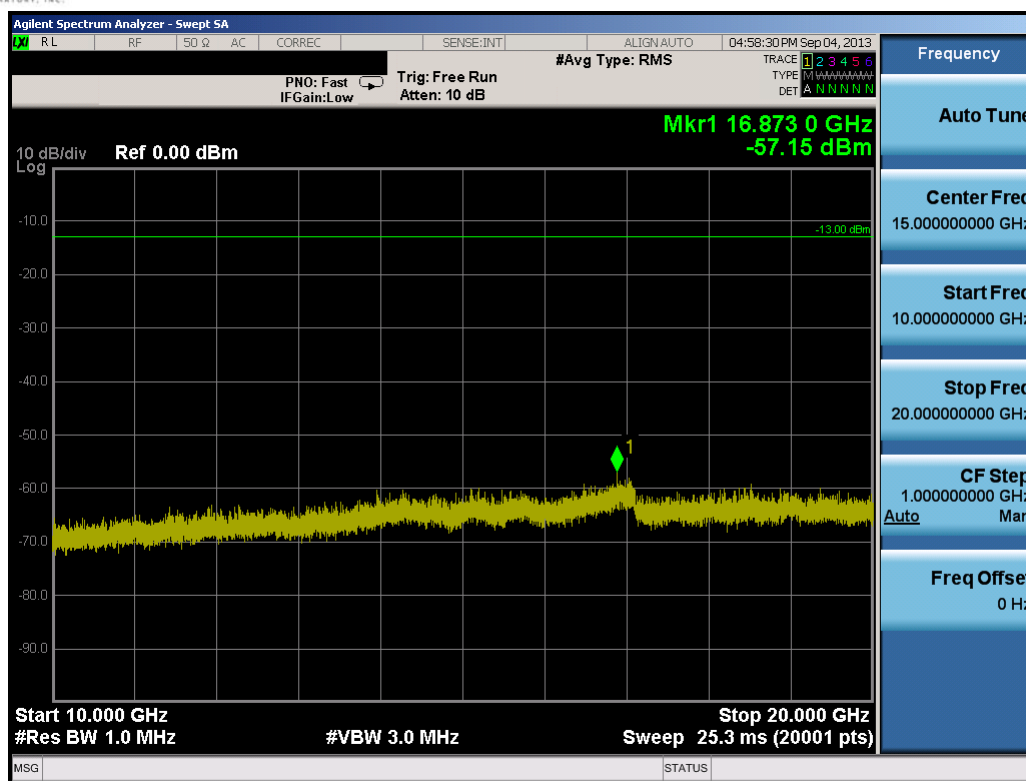


Plot 10-36. Conducted Spurious Plot (15.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)

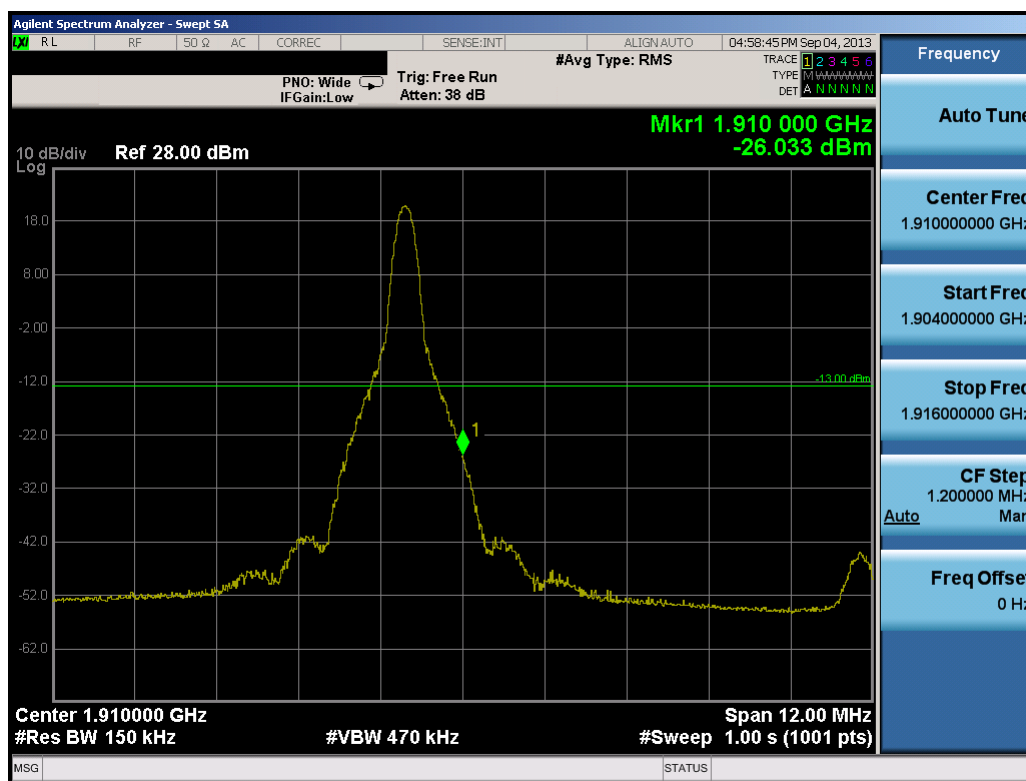


Plot 10-37. Conducted Spurious Plot (15.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)

FCC ID: A3LEKGN120A	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22, 24 & 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1309031722.A3L	Test Dates: 09/04-09/20/2013	EUT Type: Portable Camera		Page 110 of 121

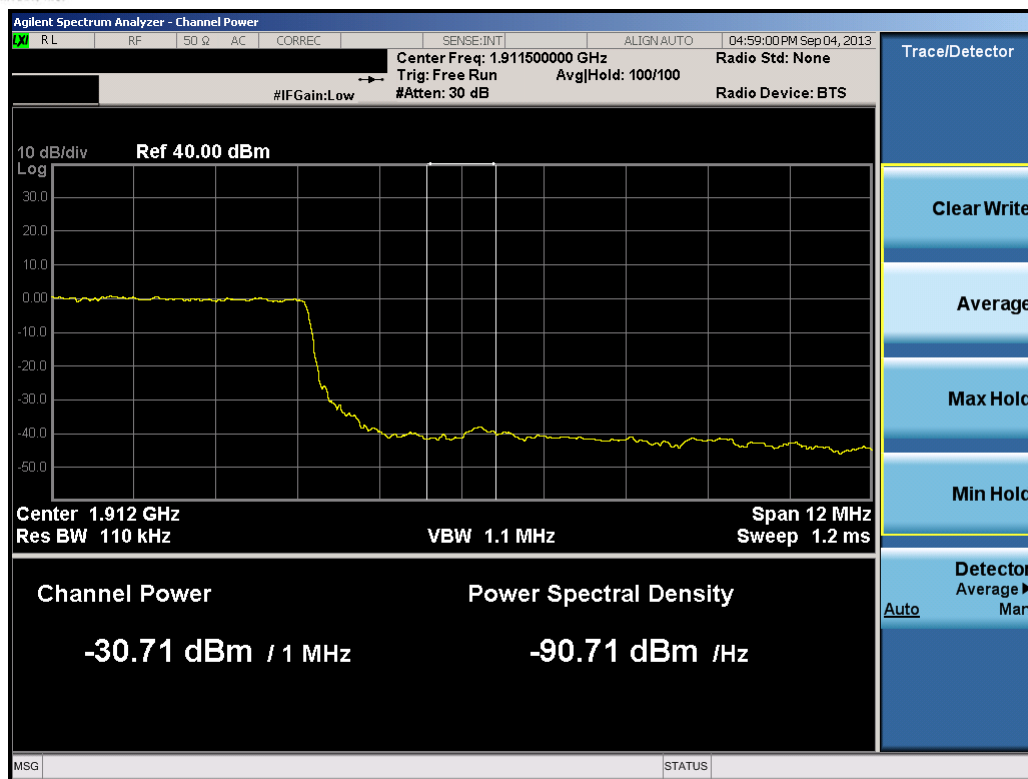


Plot 10-38. Conducted Spurious Plot (15.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)

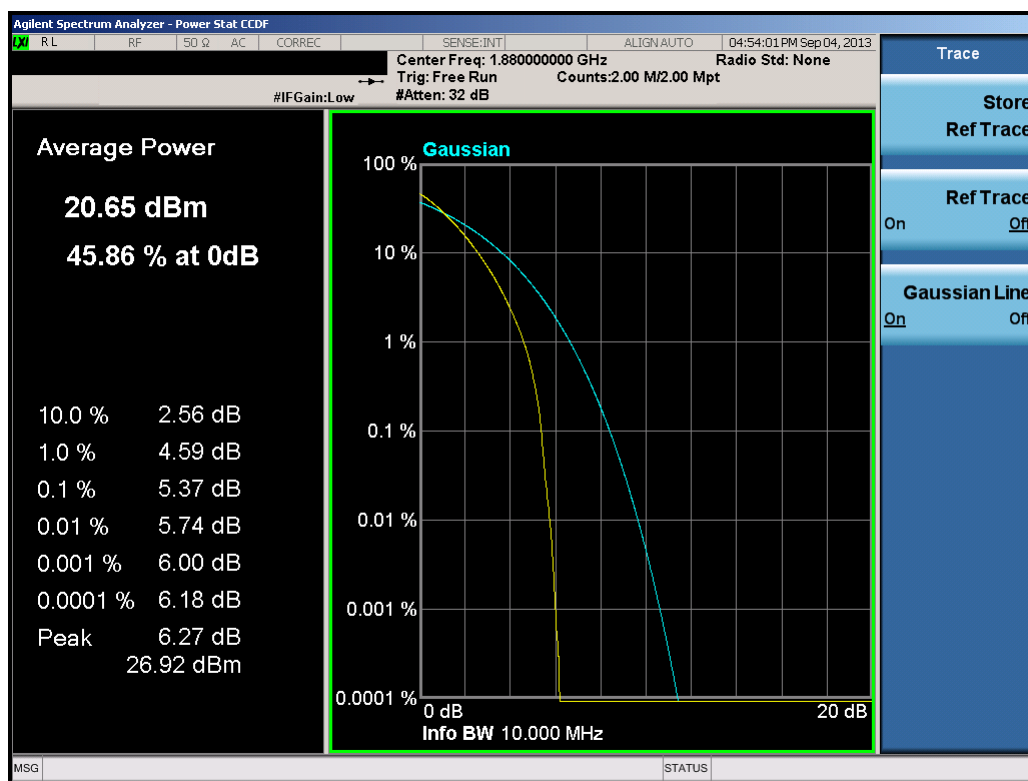


Plot 10-39. Upper Band Edge Plot (15.0MHz QPSK – RB Size 1, RB Offset 74)

FCC ID: A3LEKGN120A	 FCC Pt. 22, 24 & 27 LTE MEASUREMENT REPORT (CERTIFICATION) 		Reviewed by: Quality Manager
Test Report S/N: 0Y1309031722.A3L	Test Dates: 09/04-09/20/2013	EUT Type: Portable Camera	Page 111 of 121

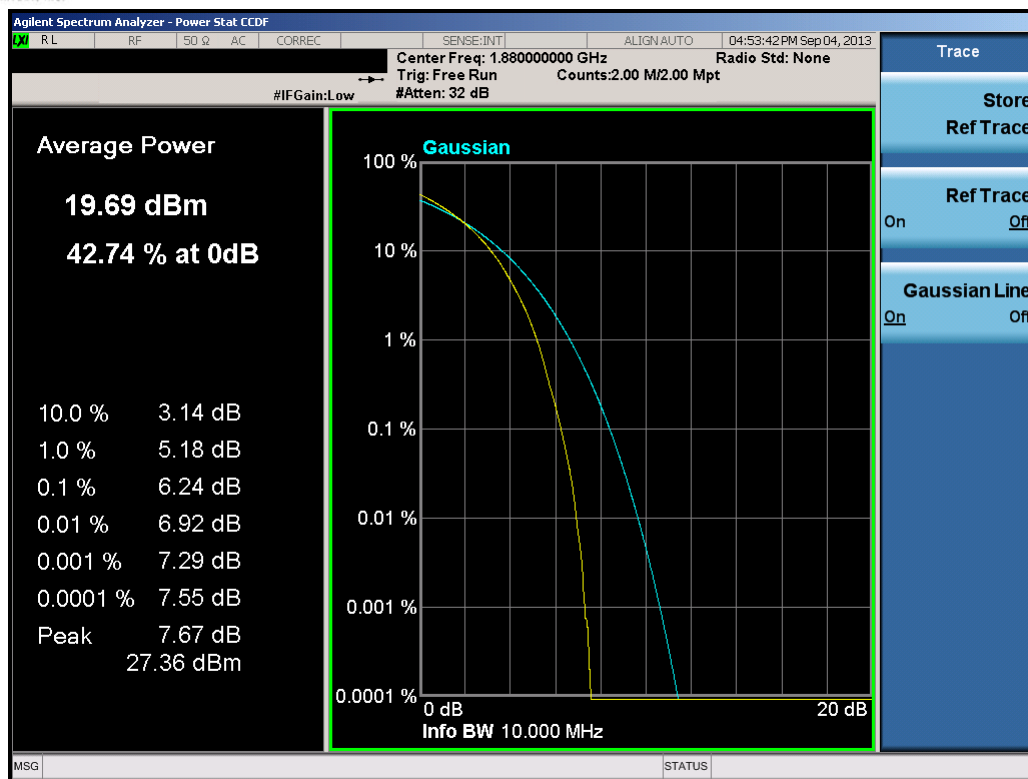


Plot 10-40. Upper Extended Band Edge Plot (15.0MHz QPSK – RB Size 75)

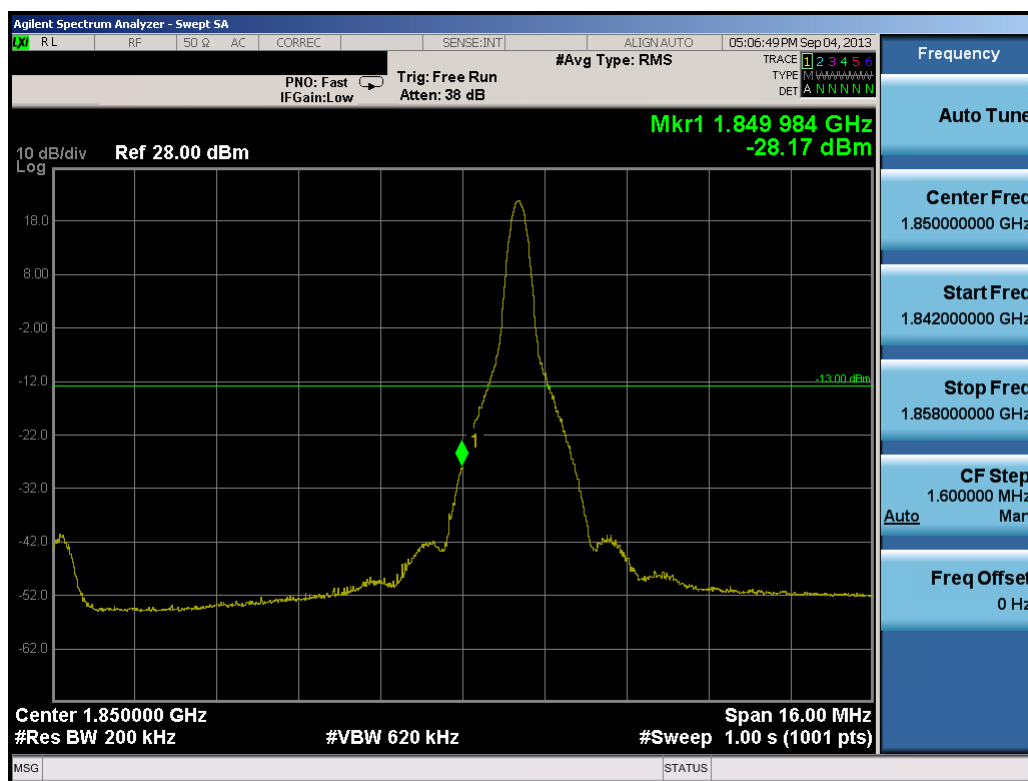


Plot 10-41. PAR Plot (15.0MHz QPSK – RB Size 75)

FCC ID: A3LEKGN120A	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22, 24 & 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1309031722.A3L	Test Dates: 09/04-09/20/2013	EUT Type: Portable Camera		Page 112 of 121

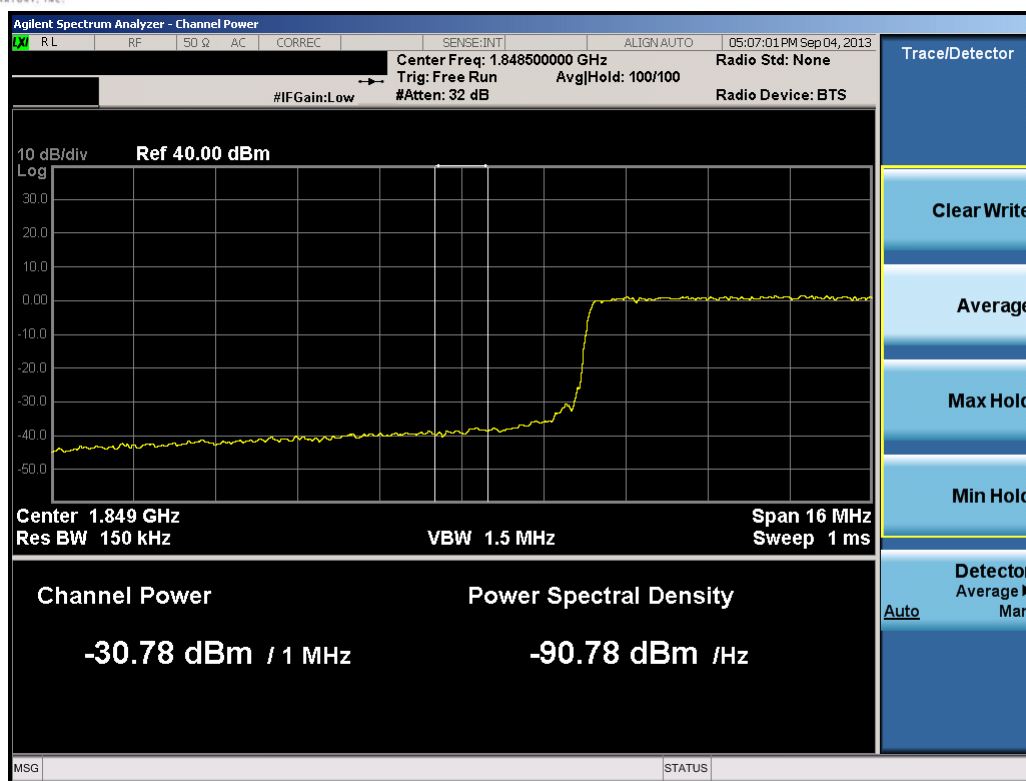


Plot 10-42. PAR Plot (15.0MHz 16-QAM – RB Size 75)

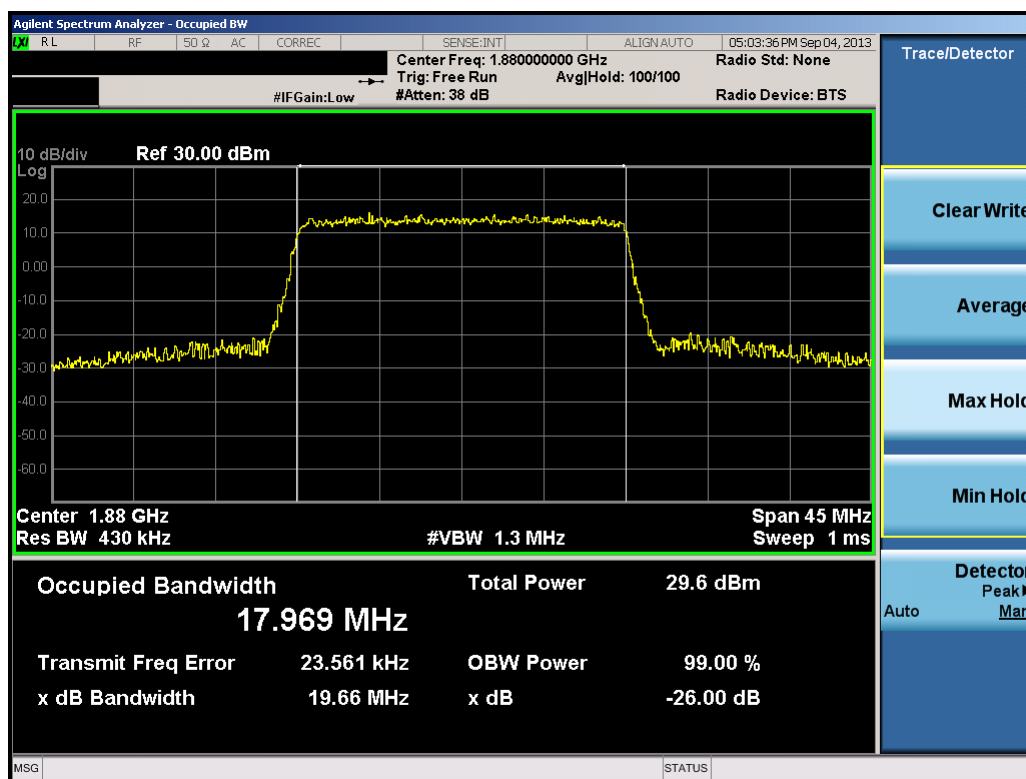


Plot 10-43. Lower Band Edge Plot (20.0MHz QPSK – RB Size 1, RB Offset 0)

FCC ID: A3LEKGN120A	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22, 24 & 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1309031722.A3L	Test Dates: 09/04-09/20/2013	EUT Type: Portable Camera		Page 113 of 121

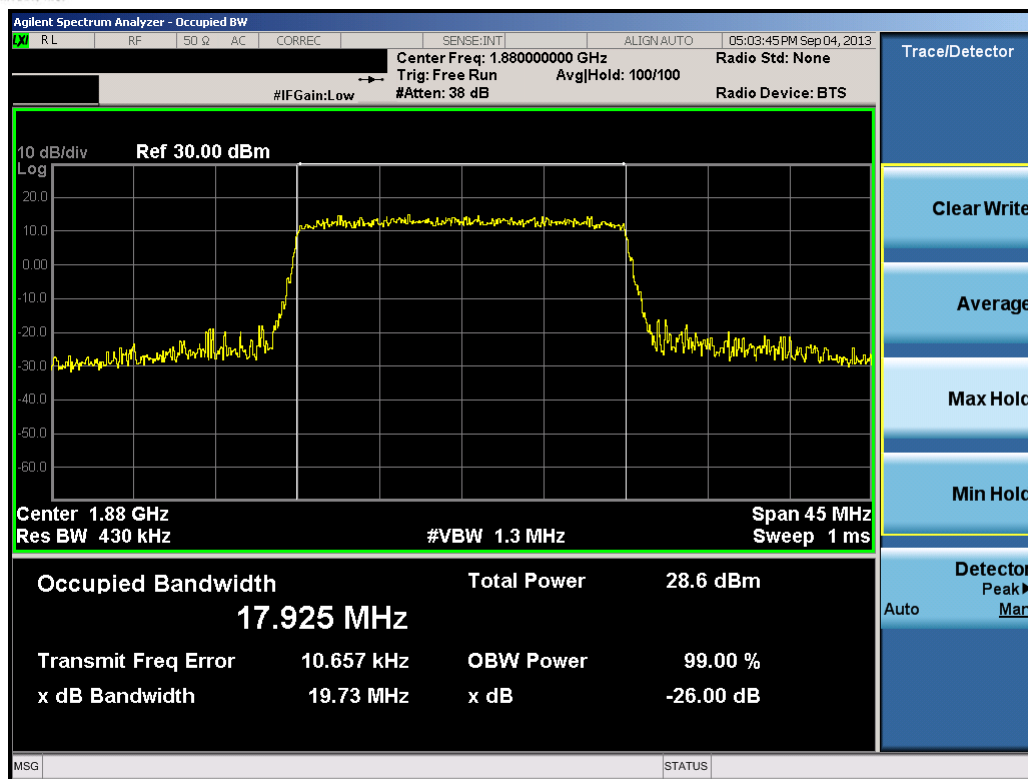


Plot 10-44. Lower Extended Band Edge Plot (20.0MHz QPSK – RB Size 100)

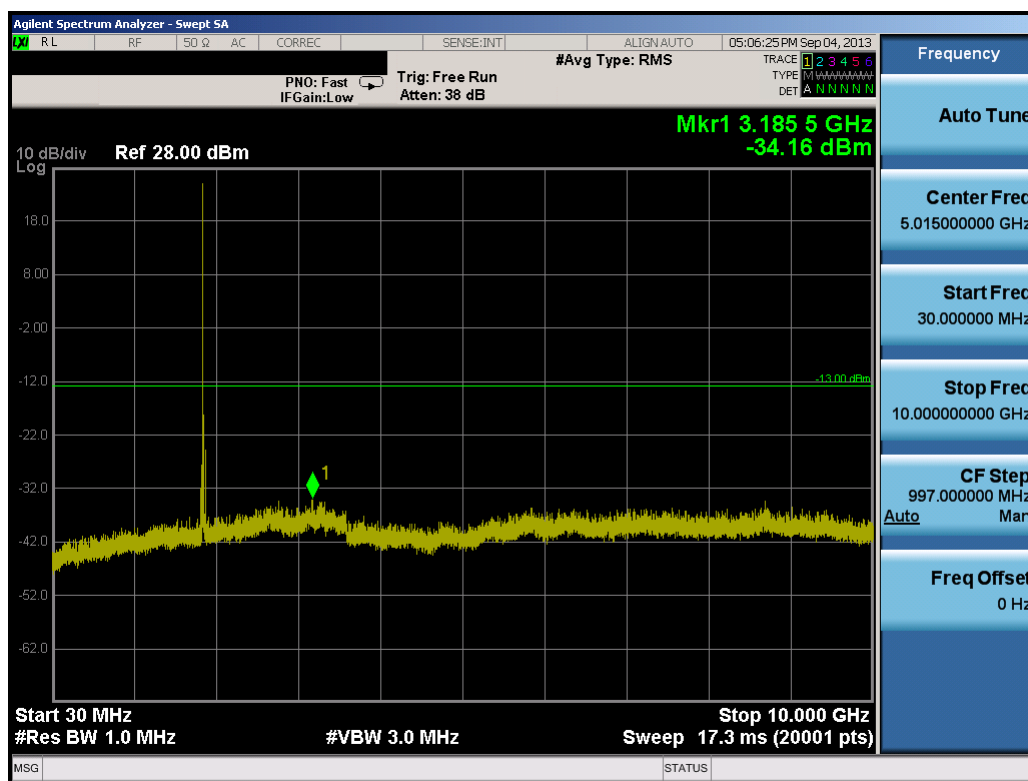


Plot 10-45. Occupied Bandwidth Plot (20.0MHz QPSK – RB Size 100)

FCC ID: A3LEKGN120A	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22, 24 & 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1309031722.A3L	Test Dates: 09/04-09/20/2013	EUT Type: Portable Camera		Page 114 of 121

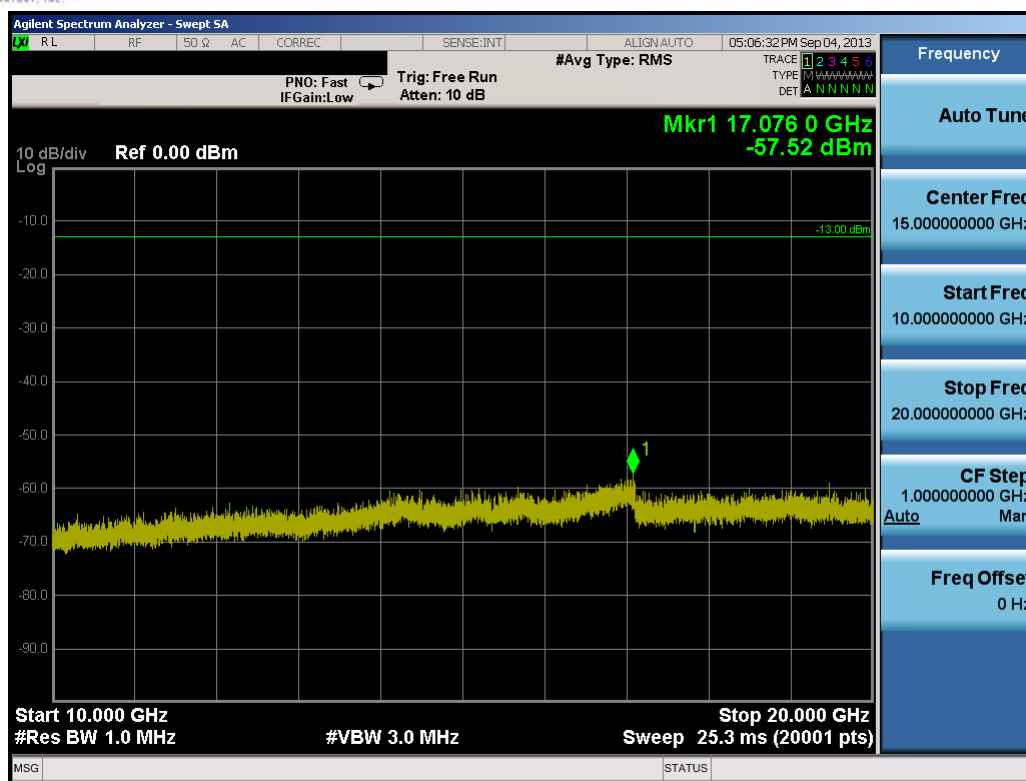


Plot 10-46. Occupied Bandwidth Plot (20.0MHz 16-QAM – RB Size 100)

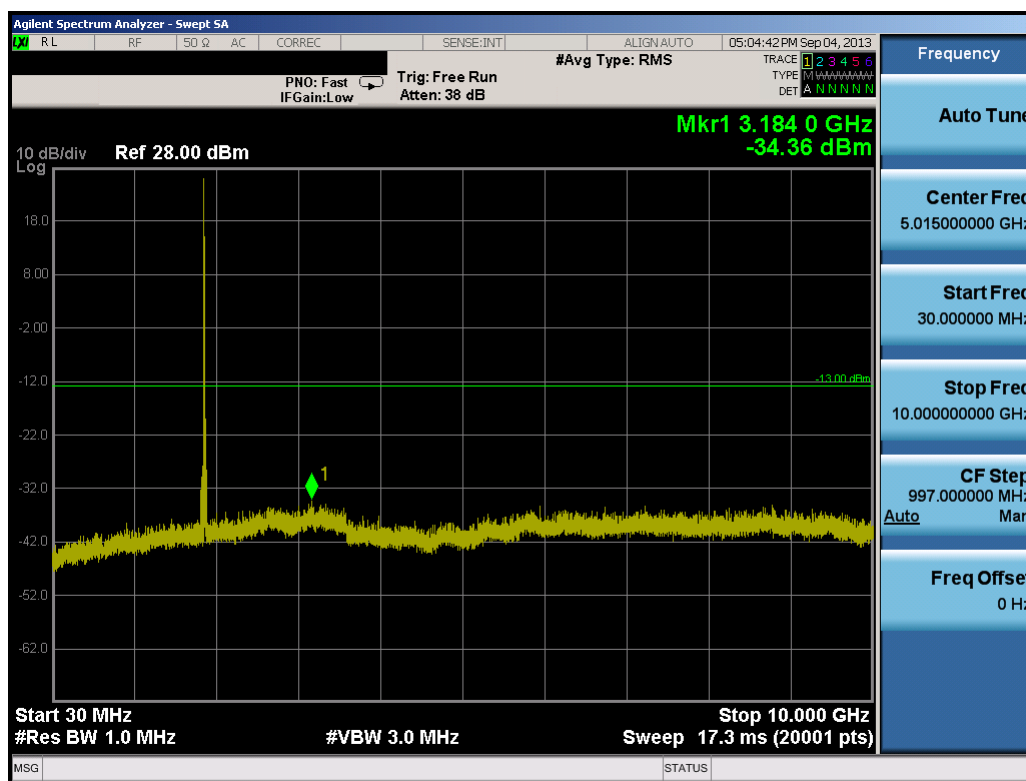


Plot 10-47. Conducted Spurious Plot (20.0MHz QPSK – RB Size 1, RB Offset 0– Low Channel)

FCC ID: A3LEKGN120A	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22, 24 & 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1309031722.A3L	Test Dates: 09/04-09/20/2013	EUT Type: Portable Camera		Page 115 of 121

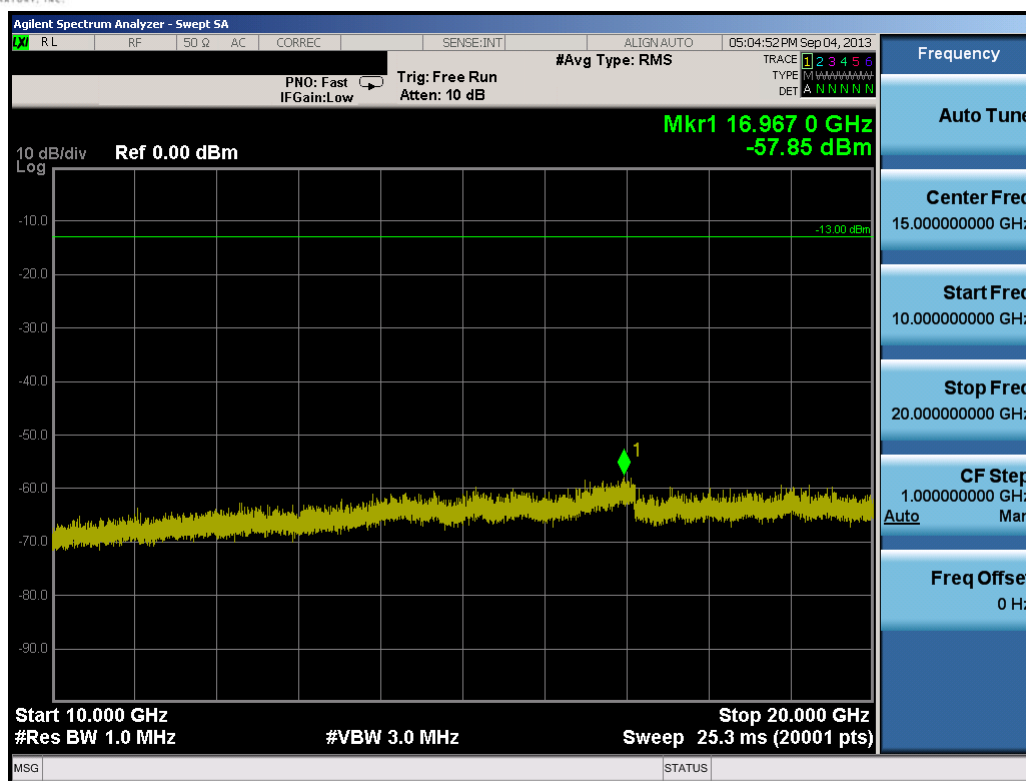


Plot 10-48. Conducted Spurious Plot (20.0MHz QPSK – RB Size 1, RB Offset 0 – Low Channel)

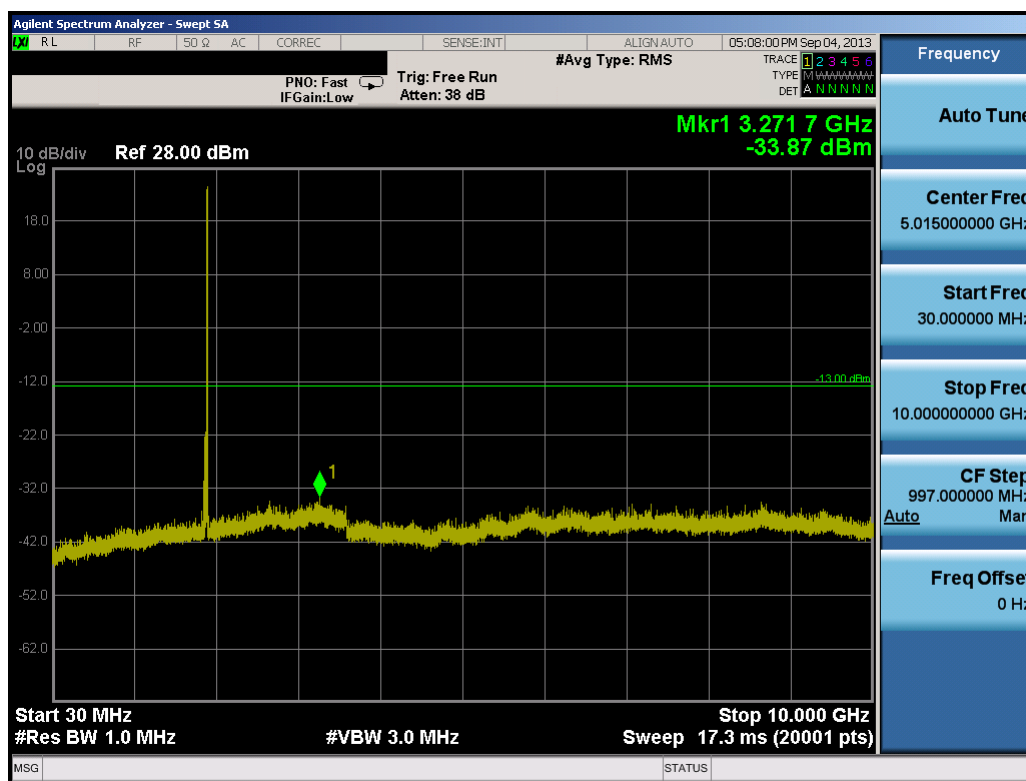


Plot 10-49. Conducted Spurious Plot (20.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)

FCC ID: A3LEKGN120A	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22, 24 & 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1309031722.A3L	Test Dates: 09/04-09/20/2013	EUT Type: Portable Camera		Page 116 of 121

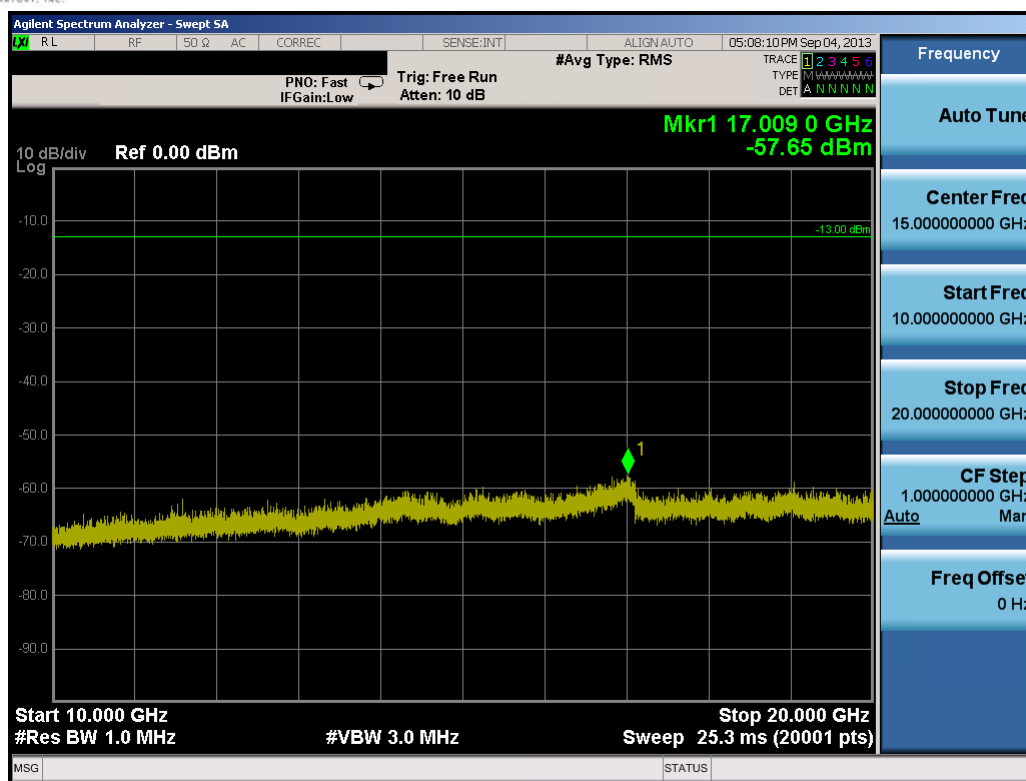


Plot 10-50. Conducted Spurious Plot (20.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)

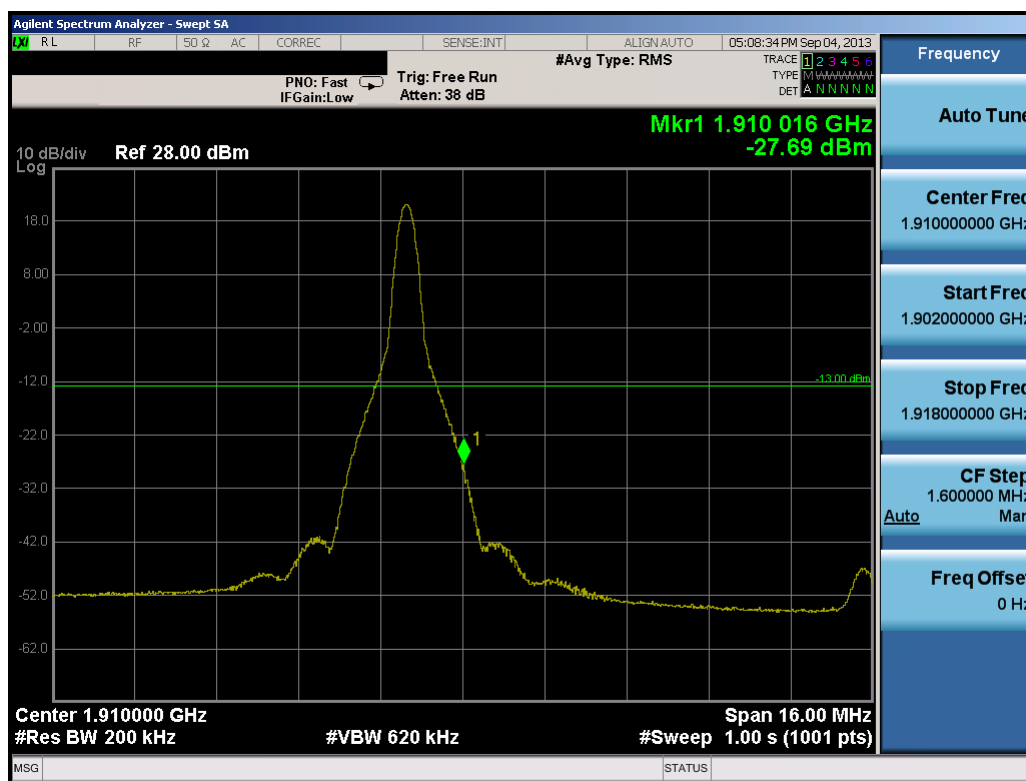


Plot 10-51. Conducted Spurious Plot (20.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)

FCC ID: A3LEKGN120A	 FCC Pt. 22, 24 & 27 LTE MEASUREMENT REPORT (CERTIFICATION) 		Reviewed by: Quality Manager
Test Report S/N: 0Y1309031722.A3L	Test Dates: 09/04-09/20/2013	EUT Type: Portable Camera	Page 117 of 121

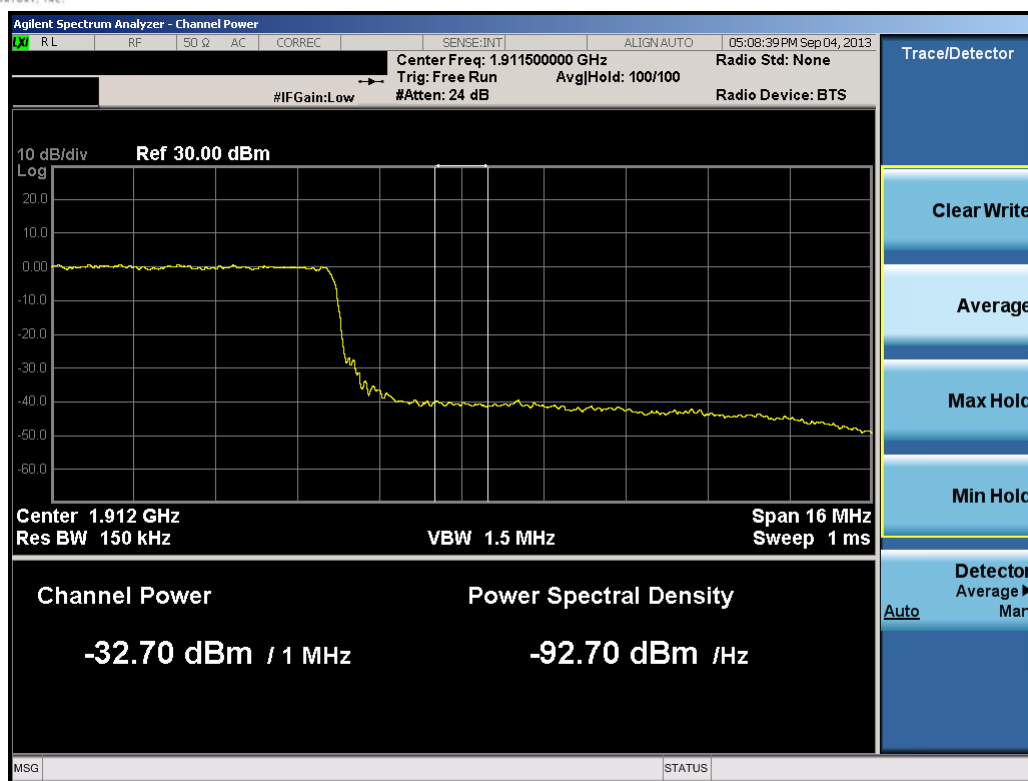


Plot 10-52. Conducted Spurious Plot (20.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)

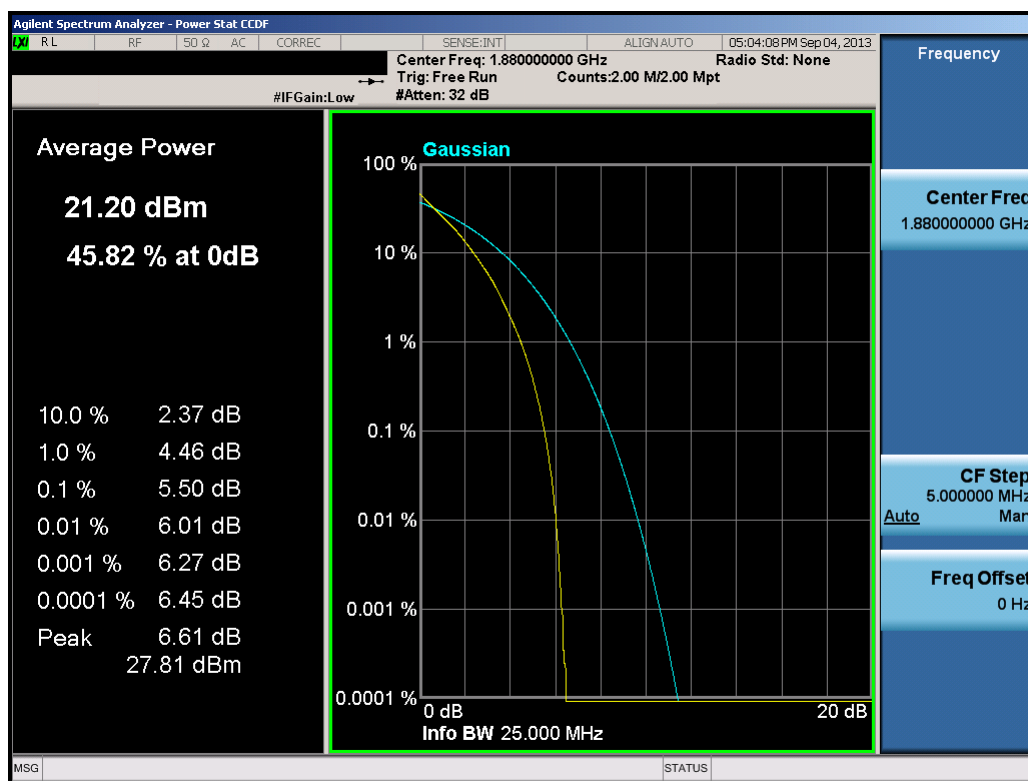


Plot 10-53. Upper Band Edge Plot (20.0MHz QPSK – RB Size 1, RB Offset 99)

FCC ID: A3LEKGN120A	 FCC Pt. 22, 24 & 27 LTE MEASUREMENT REPORT (CERTIFICATION) 		Reviewed by: Quality Manager
Test Report S/N: 0Y1309031722.A3L	Test Dates: 09/04-09/20/2013	EUT Type: Portable Camera	Page 118 of 121

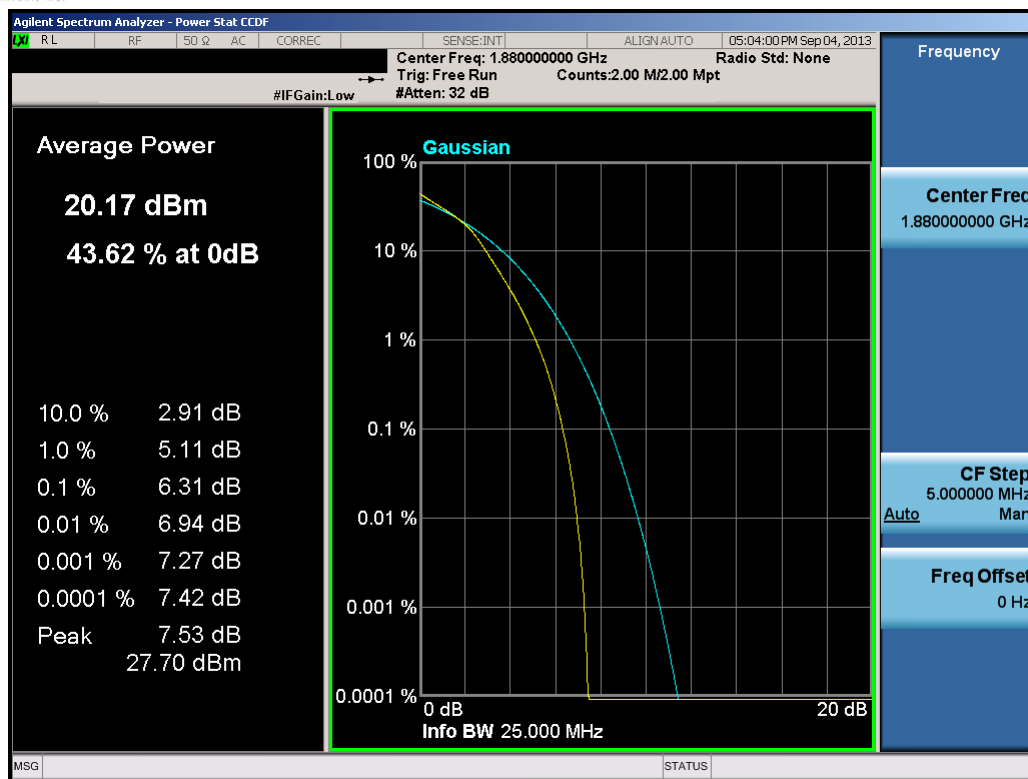


Plot 10-54. Upper Extended Band Edge Plot (20.0MHz QPSK – RB Size 100)



Plot 10-55. PAR Plot (20.0MHz QPSK – RB Size 100)

FCC ID: A3LEKGN120A	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22, 24 & 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1309031722.A3L	Test Dates: 09/04-09/20/2013	EUT Type: Portable Camera		Page 119 of 121



Plot 10-56. PAR Plot (20.0MHz 16-QAM – RB Size 100)

FCC ID: A3LEKGN120A	FCC Pt. 22, 24 & 27 LTE MEASUREMENT REPORT (CERTIFICATION)			Reviewed by: Quality Manager
Test Report S/N: 0Y1309031722.A3L	Test Dates: 09/04-09/20/2013	EUT Type: Portable Camera		Page 120 of 121

11.0 CONCLUSION

The data collected relate only to the item(s) tested and show that the **Samsung Portable Camera FCC ID: A3LEKGN120A** complies with all the requirements of Parts 2, 22, 24, 27 of the FCC rules for LTE operation only.

FCC ID: A3LEKGN120A		FCC Pt. 22, 24 & 27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1309031722.A3L	Test Dates: 09/04-09/20/2013	EUT Type: Portable Camera		Page 121 of 121