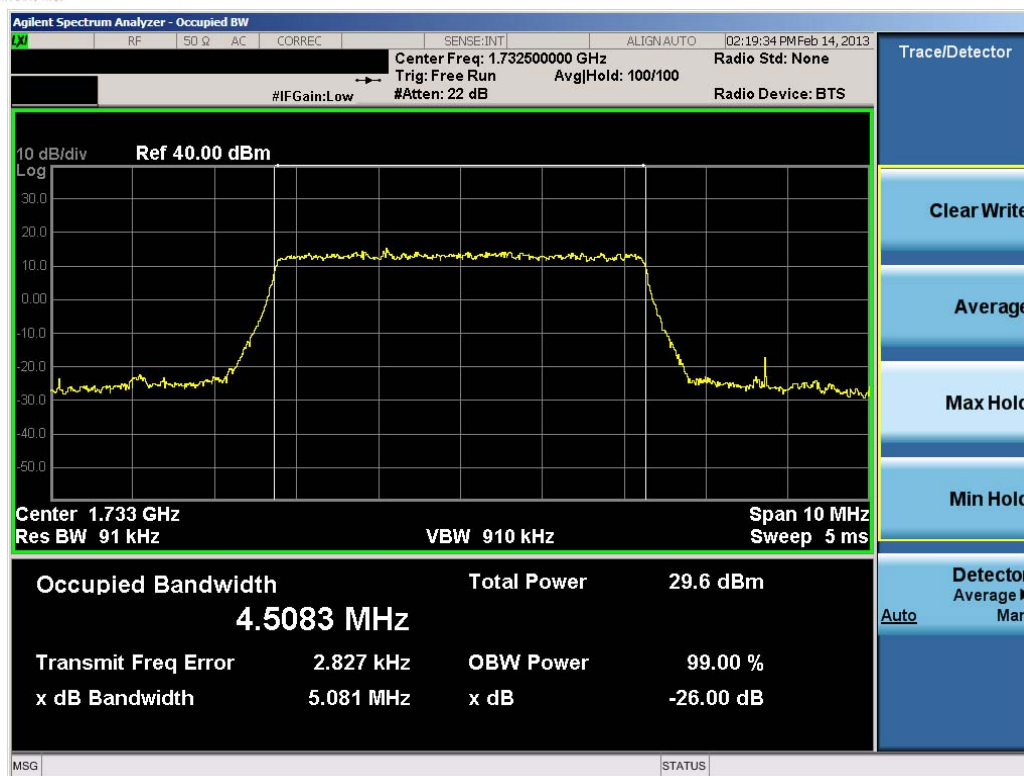
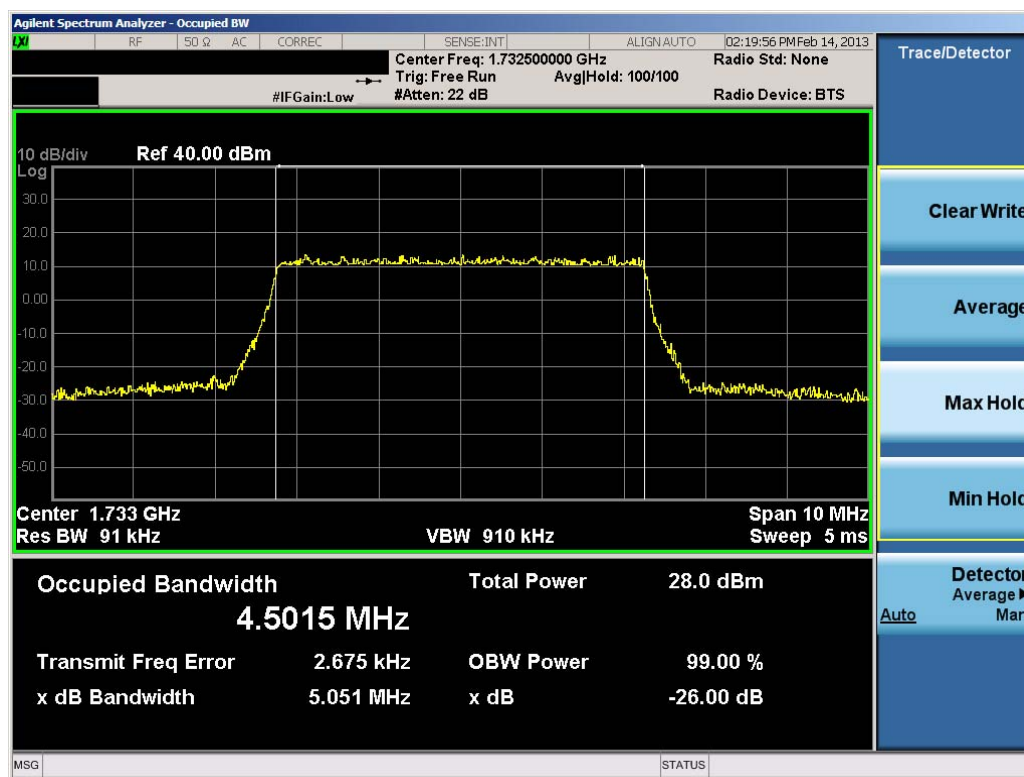


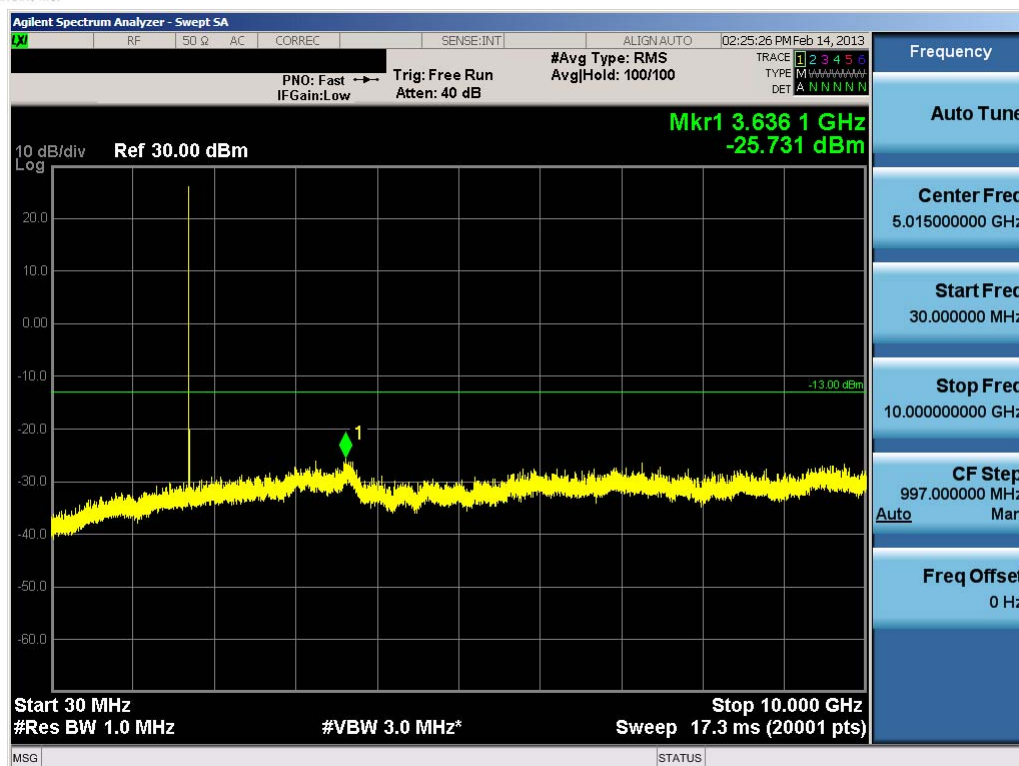


Plot 8-3. Occupied Bandwidth Plot (5.0MHz QPSK – RB Size 25)

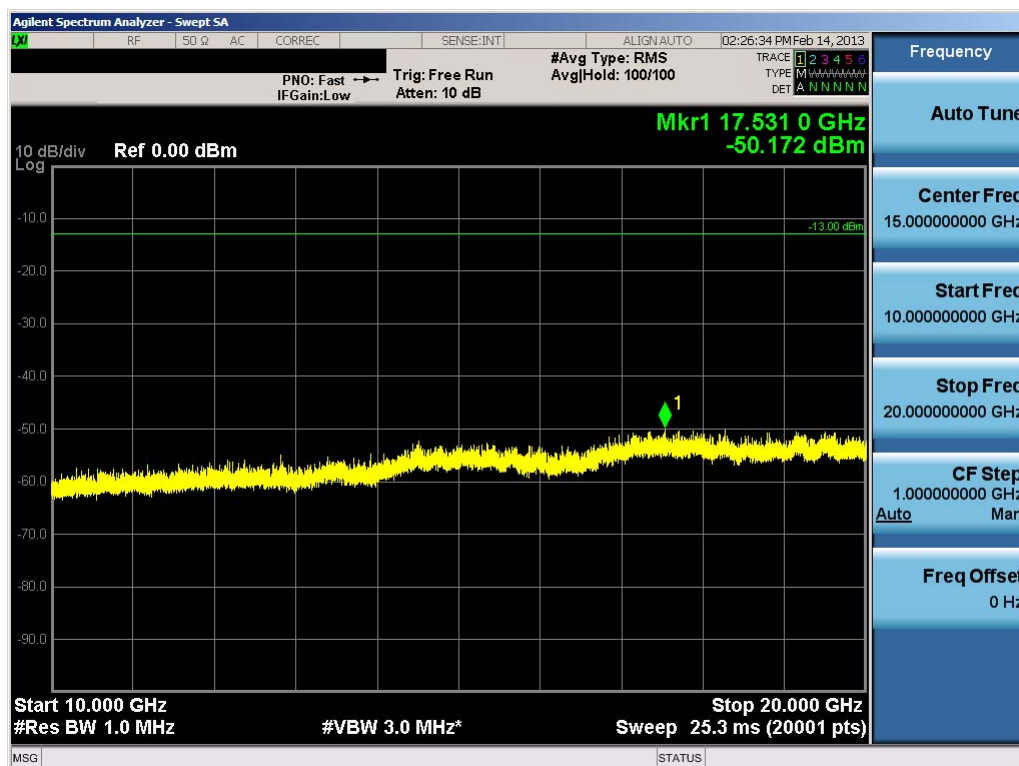


Plot 8-4. Occupied Bandwidth Plot (5.0MHz 16-QAM – RB Size 25)

FCC ID: A3LSGHT999L	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
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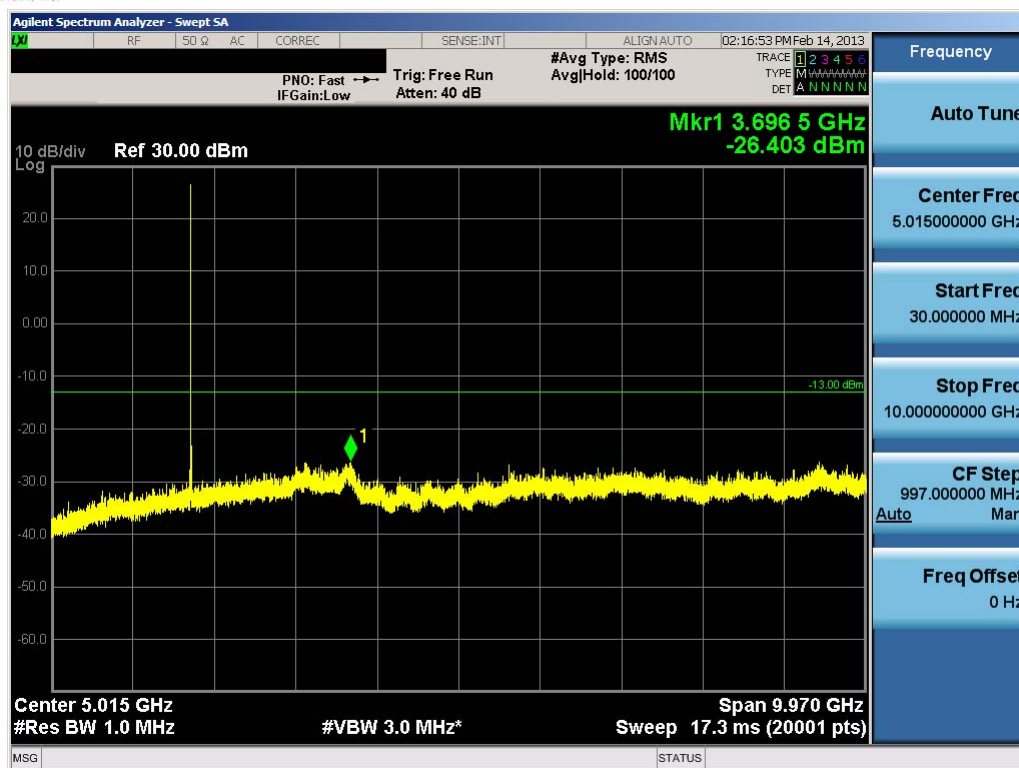


Plot 8-5. Conducted Spurious Plot (5.0MHz QPSK – RB Size 1, RB Offset 0 – Low Channel)

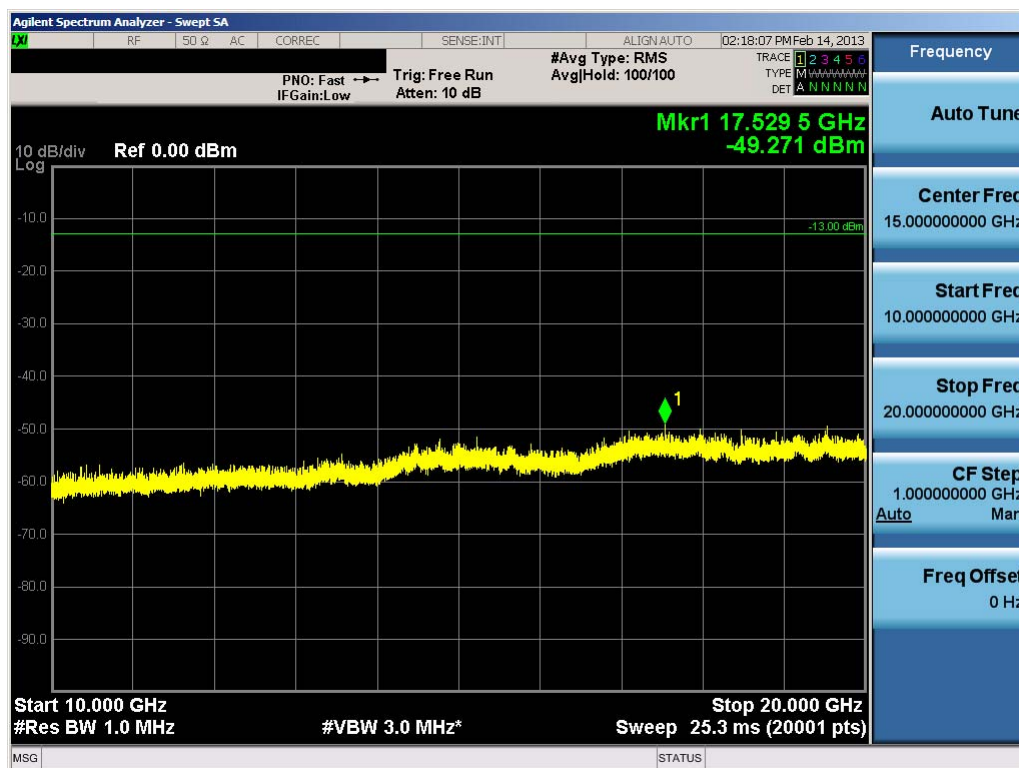


Plot 8-6. Conducted Spurious Plot (5.0MHz QPSK – RB Size 1, RB Offset 0 – Low Channel)

FCC ID: A3LSGHT999L	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1301210110.A3L	Test Dates: Jan. 23 - Feb. 14, 2013	EUT Type: Portable Handset		Page 37 of 63

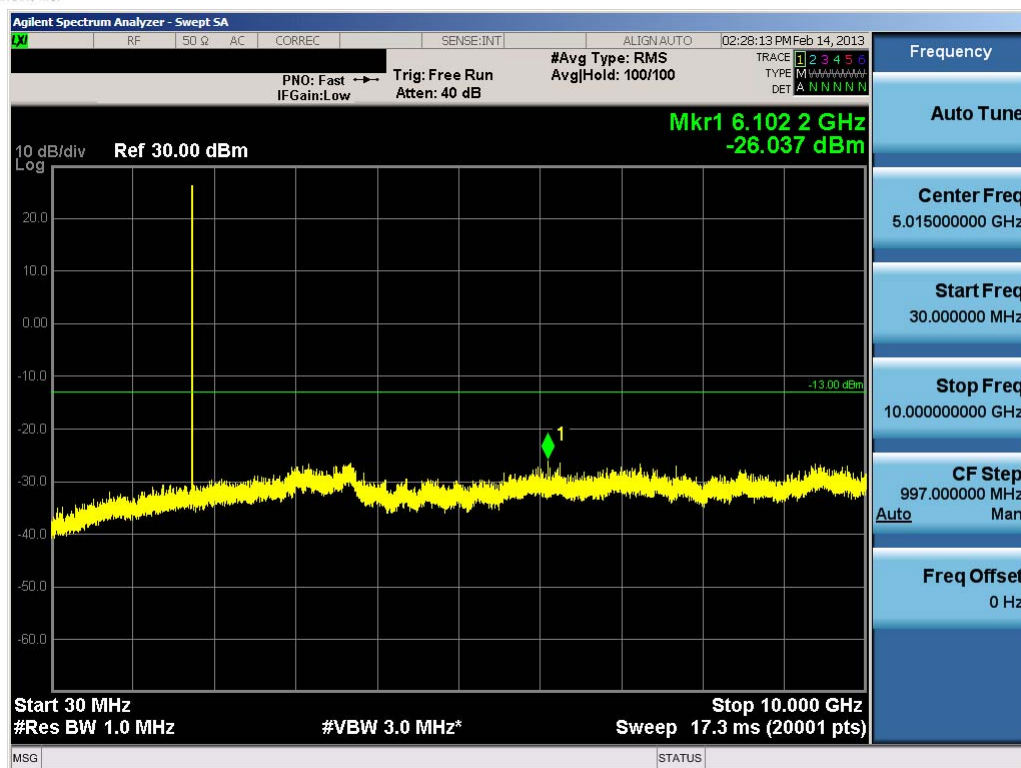


Plot 8-7. Conducted Spurious Plot (5.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)

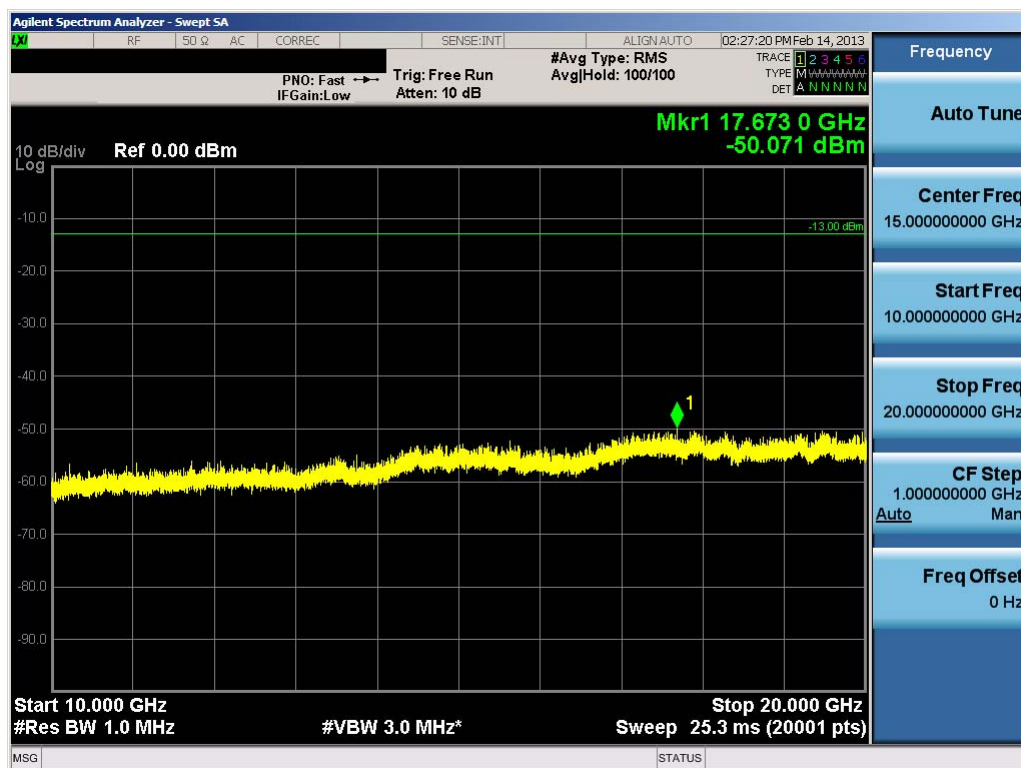


Plot 8-8. Conducted Spurious Plot (5.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)

FCC ID: A3LSGHT999L	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
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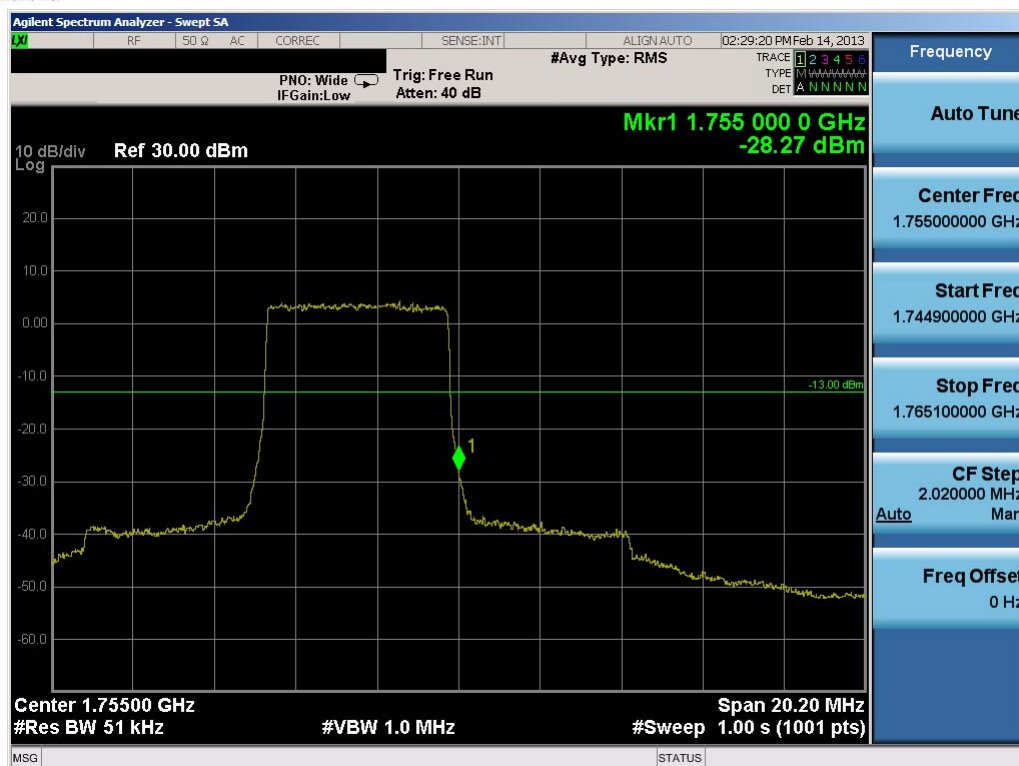


Plot 8-9. Conducted Spurious Plot (5.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)

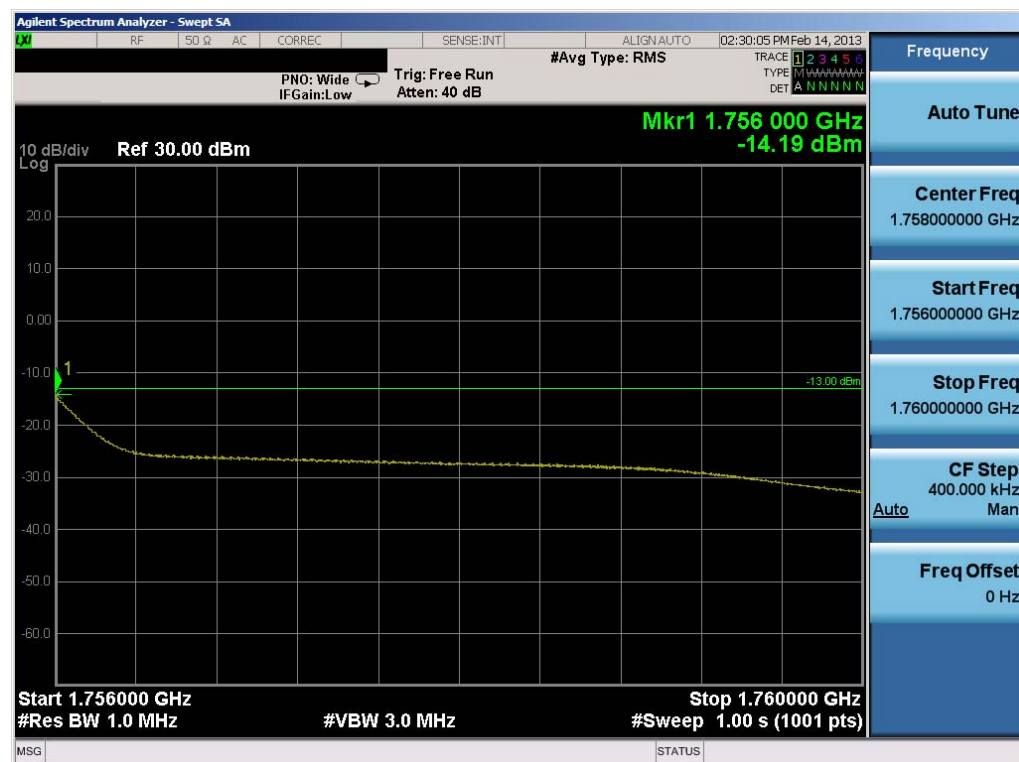


Plot 8-10. Conducted Spurious Plot (5.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)

FCC ID: A3LSGHT999L	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
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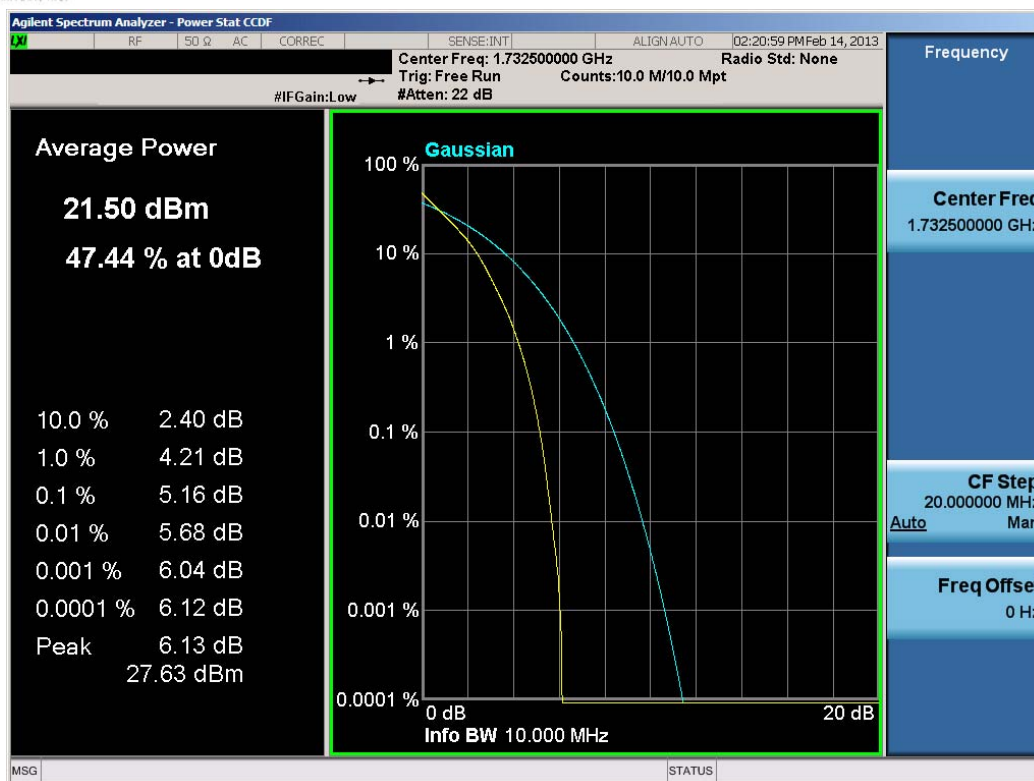


Plot 8-11. Upper Band Edge Plot (5.0MHz QPSK – RB Size 25)

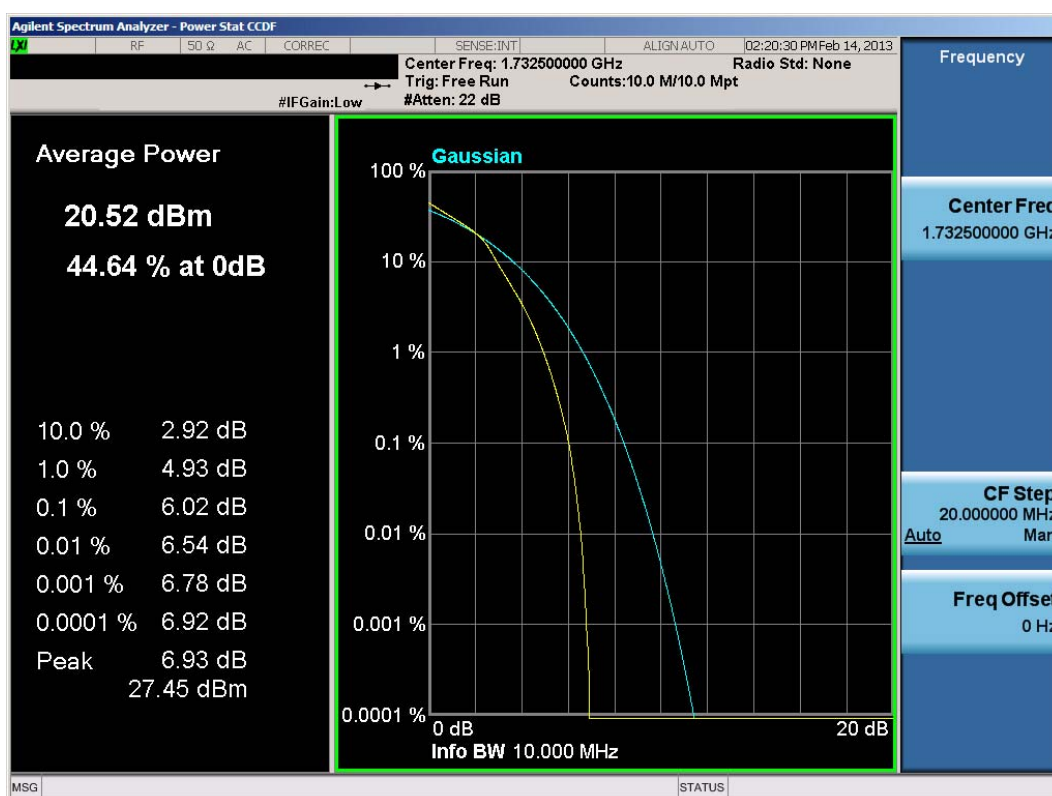


Plot 8-12. Upper Extended Band Edge Plot (5.0MHz QPSK – RB Size 25)

FCC ID: A3LSGHT999L	 FCC Pt. 27 LTE MEASUREMENT REPORT (CERTIFICATION) 		Reviewed by: Quality Manager
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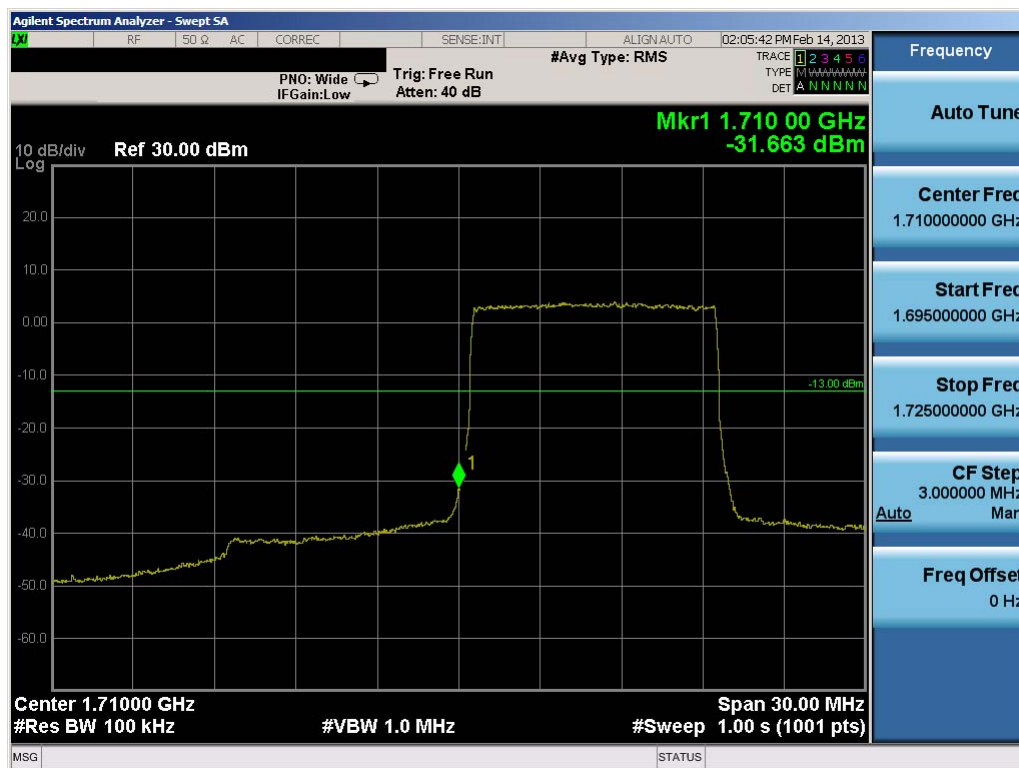


Plot 8-13. PAR Plot (5.0MHz QPSK – RB Size 25)

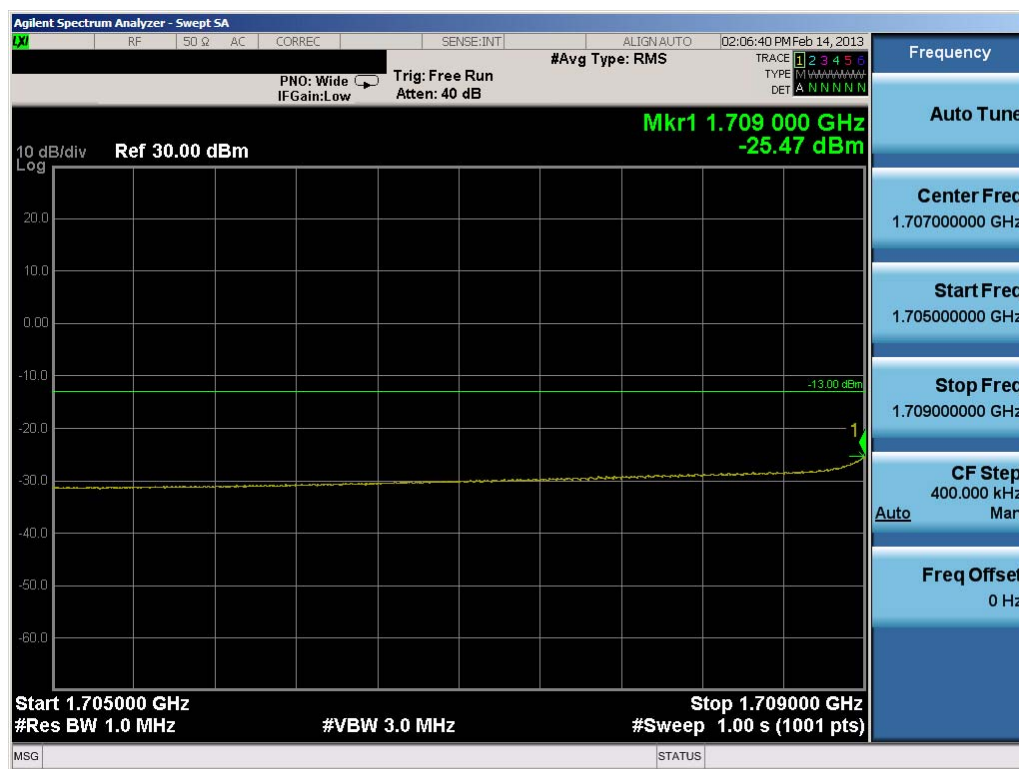


Plot 8-14. PAR Plot (5.0MHz 16-QAM – RB Size 25)

FCC ID: A3LSGHT999L	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
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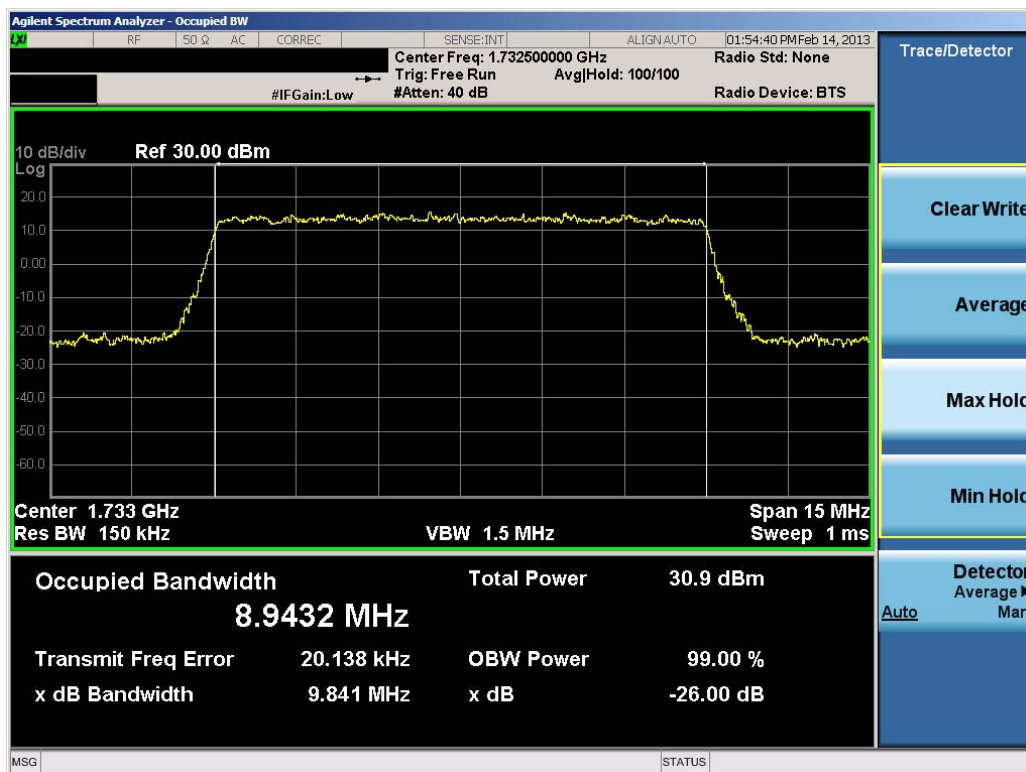


Plot 8-15. Lower Band Edge Plot (10.0MHz QPSK – RB Size 50)

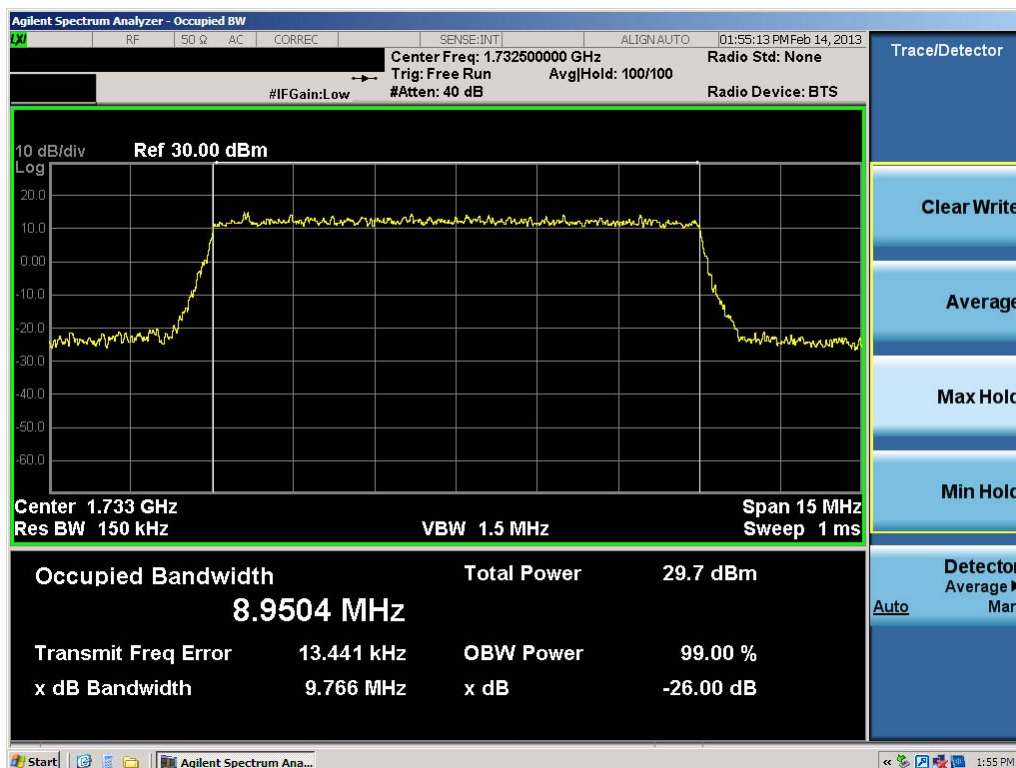


Plot 8-16. Lower Extended Band Edge Plot (10.0MHz QPSK – RB Size 50)

FCC ID: A3LSGHT999L	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
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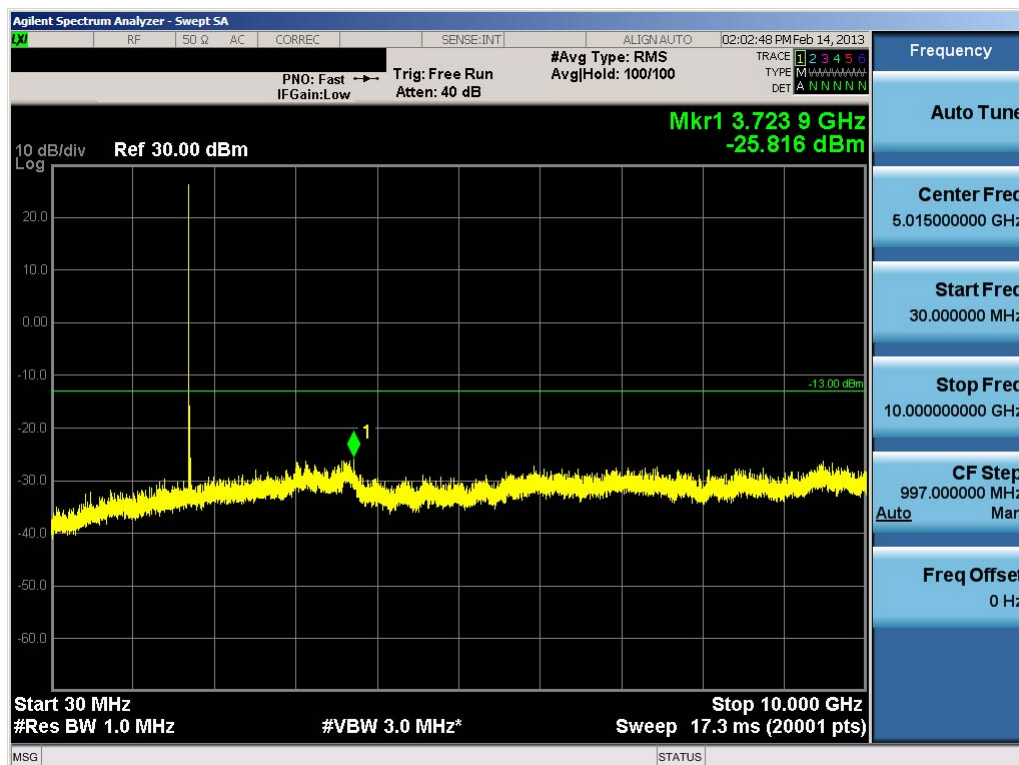


Plot 8-17. Occupied Bandwidth Plot (10.0MHz QPSK – RB Size 50)

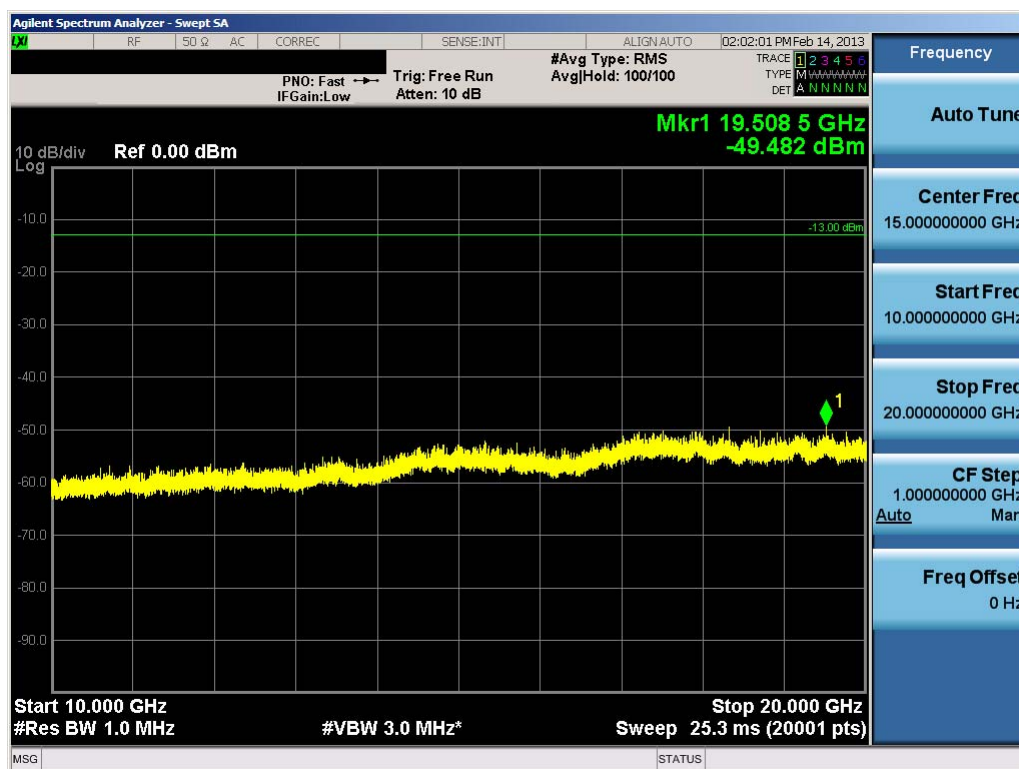


Plot 8-18. Occupied Bandwidth Plot (10.0MHz 16-QAM – RB Size 50)

FCC ID: A3LSGHT999L	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
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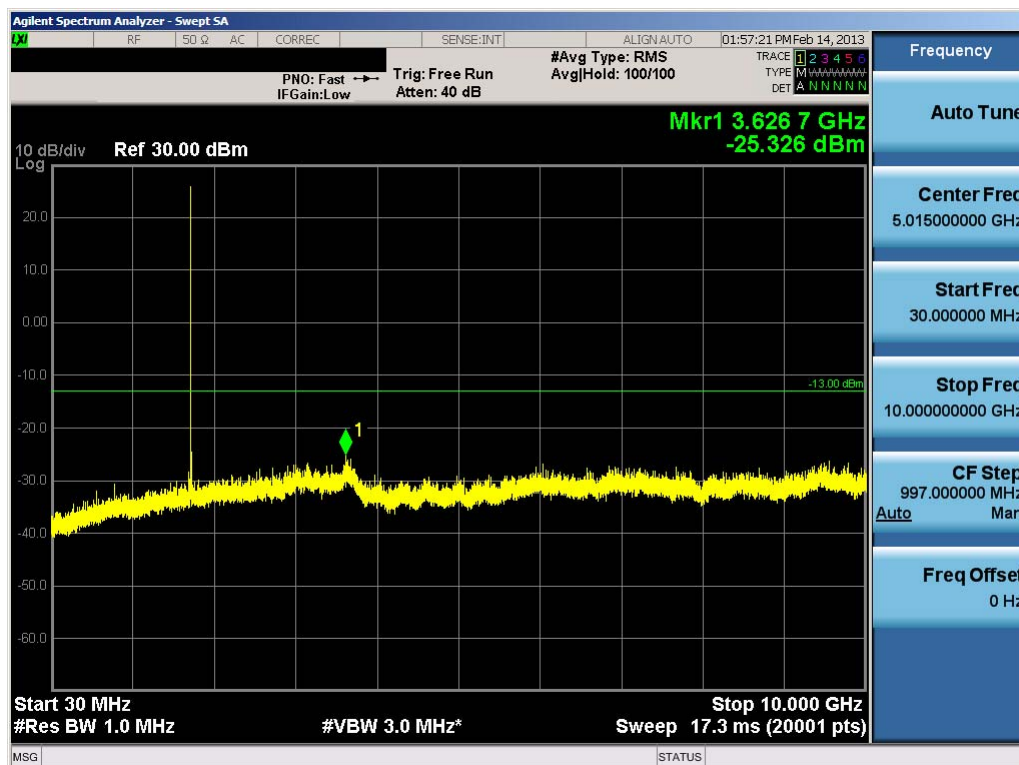


Plot 8-19. Conducted Spurious Plot (10.0MHz QPSK – RB Size 1, RB Offset 0– Low Channel)

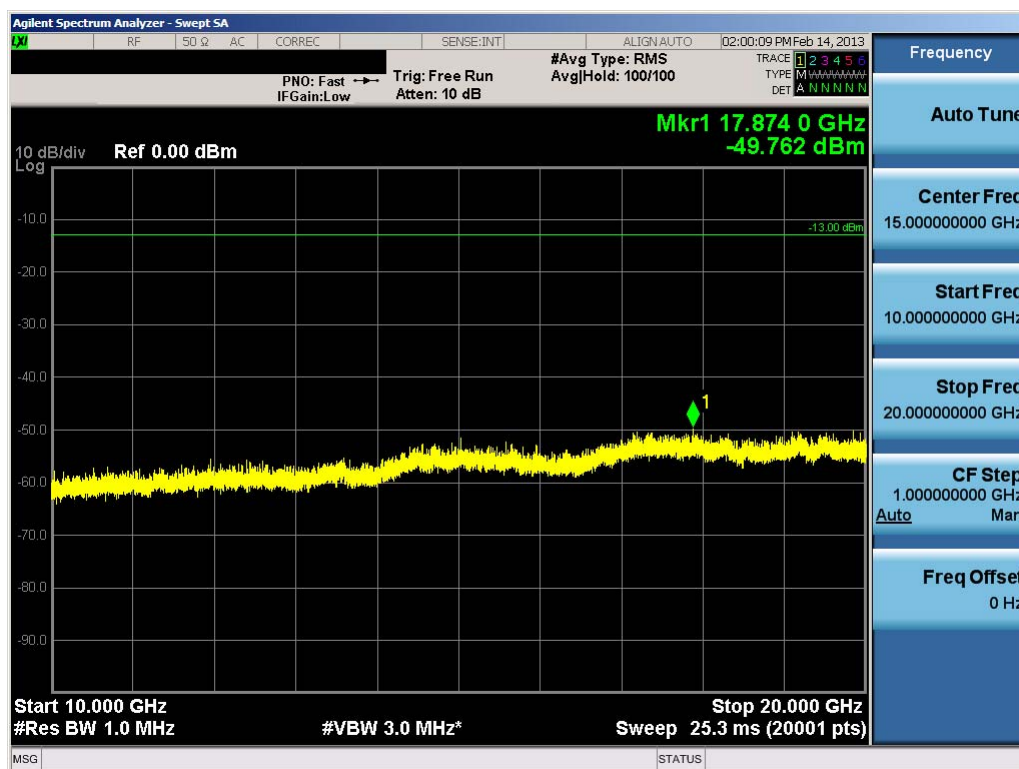


Plot 8-20. Conducted Spurious Plot (10.0MHz QPSK – RB Size 1, RB Offset 0 – Low Channel)

FCC ID: A3LSGHT999L	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
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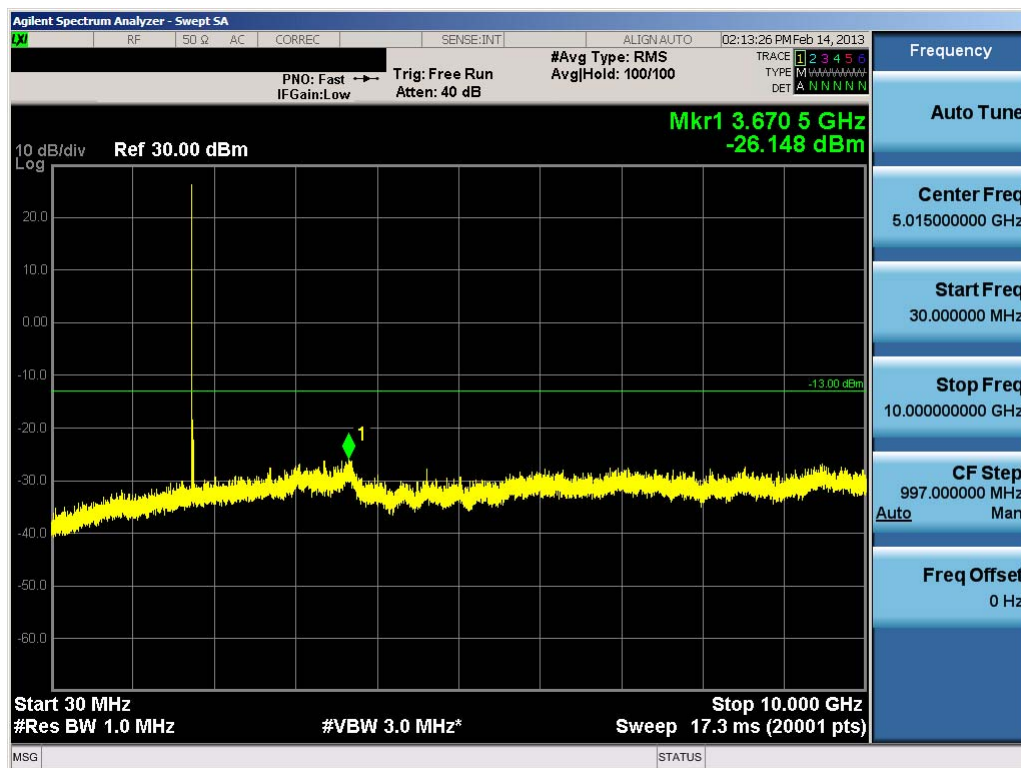


Plot 8-21. Conducted Spurious Plot (10.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)

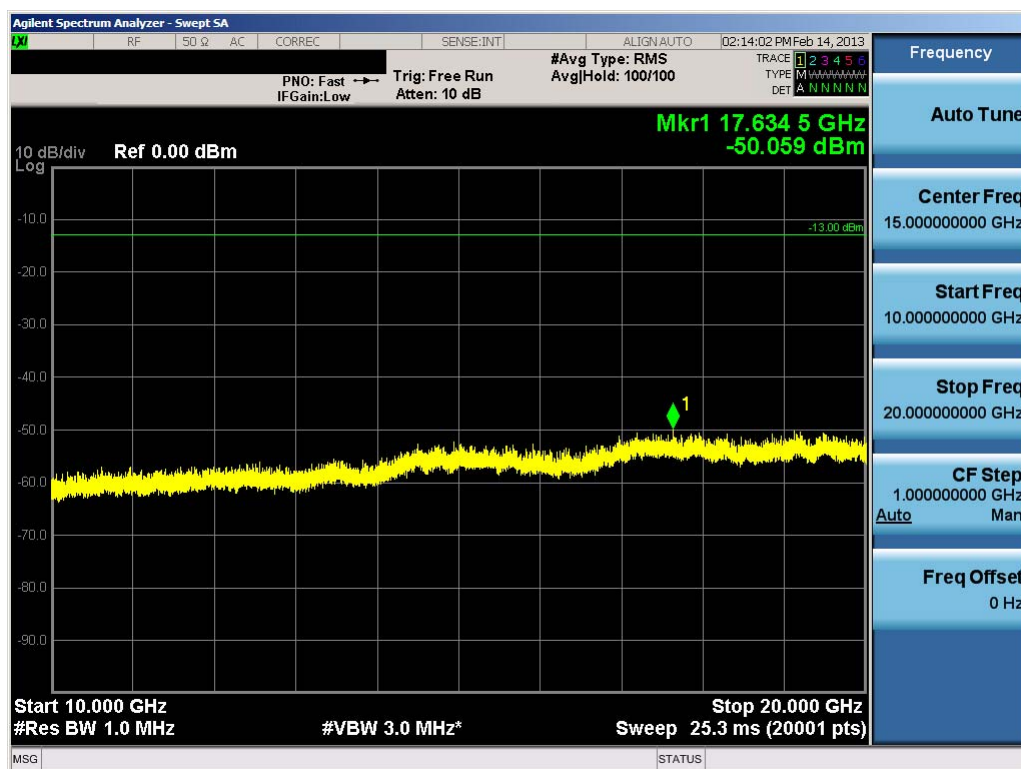


Plot 8-22. Conducted Spurious Plot (10.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)

FCC ID: A3LSGHT999L	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
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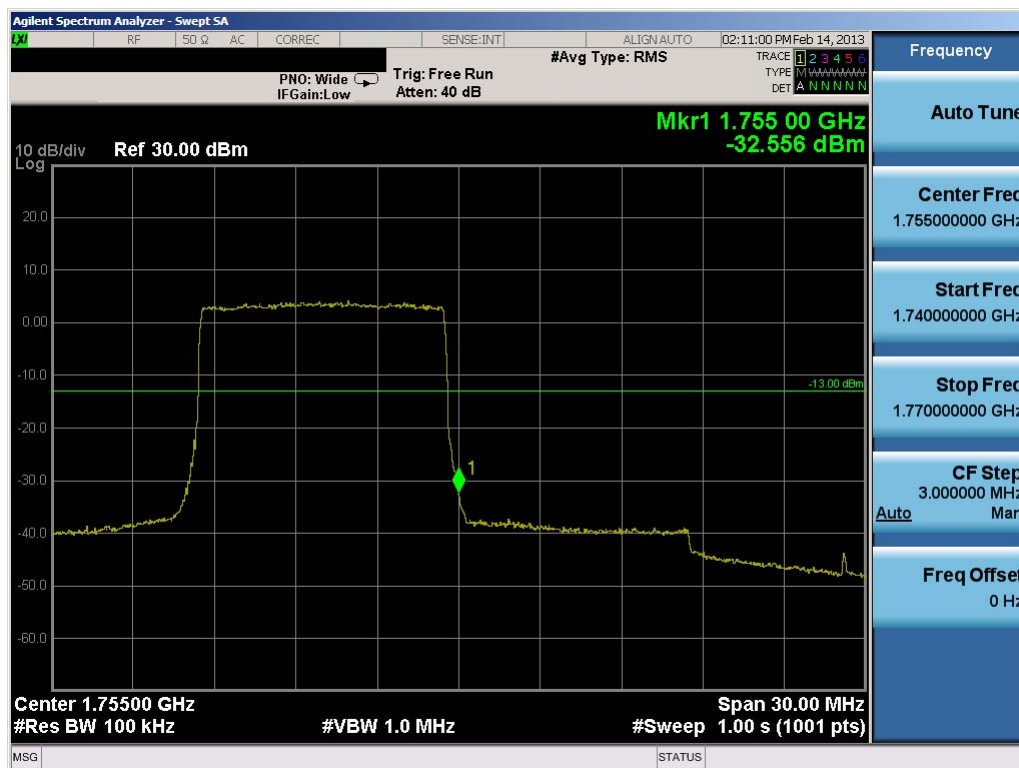


Plot 8-23. Conducted Spurious Plot (10.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)

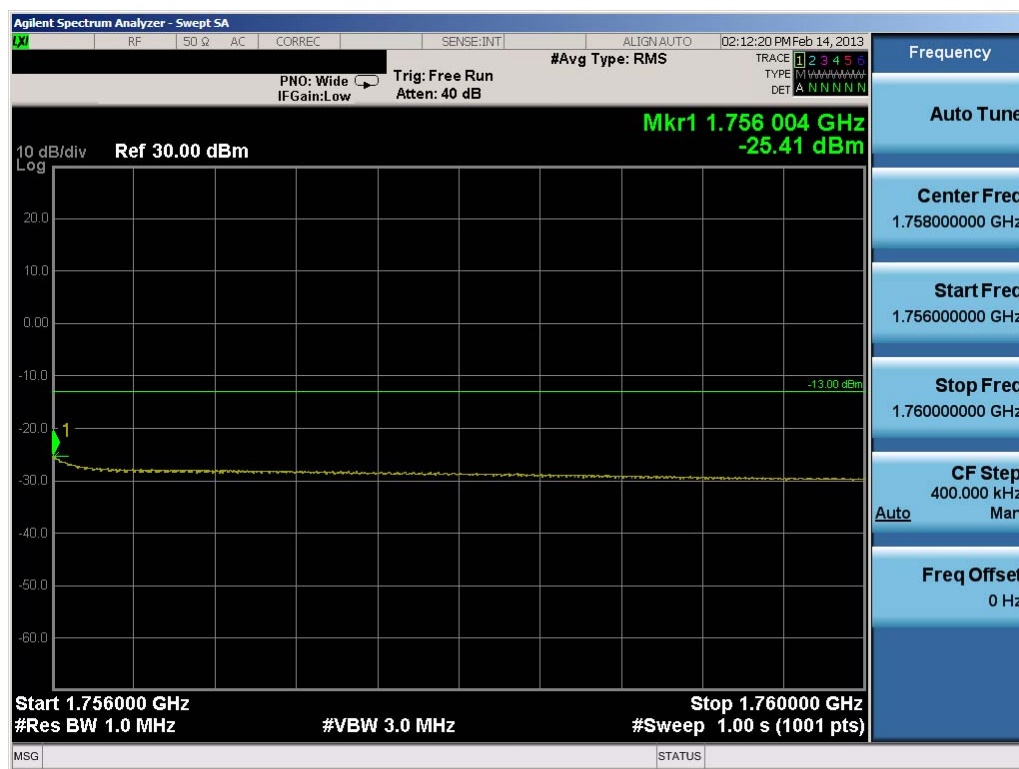


Plot 8-24. Conducted Spurious Plot (10.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)

FCC ID: A3LSGHT999L	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
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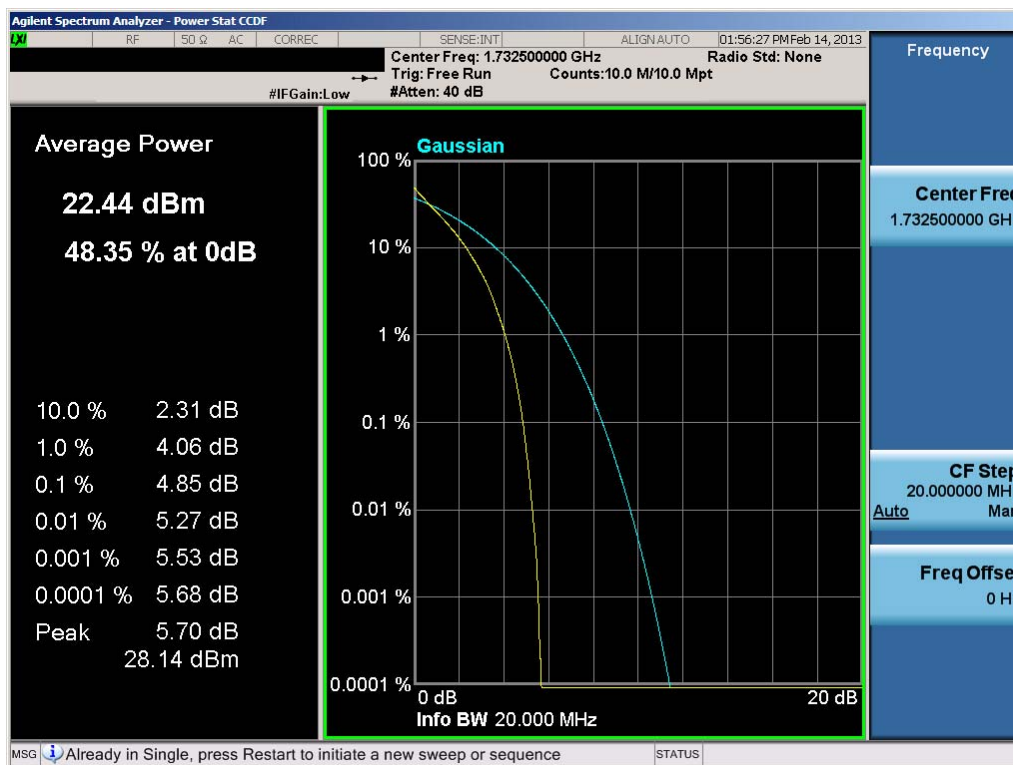


Plot 8-25. Upper Band Edge Plot (10.0MHz QPSK – RB Size 50)

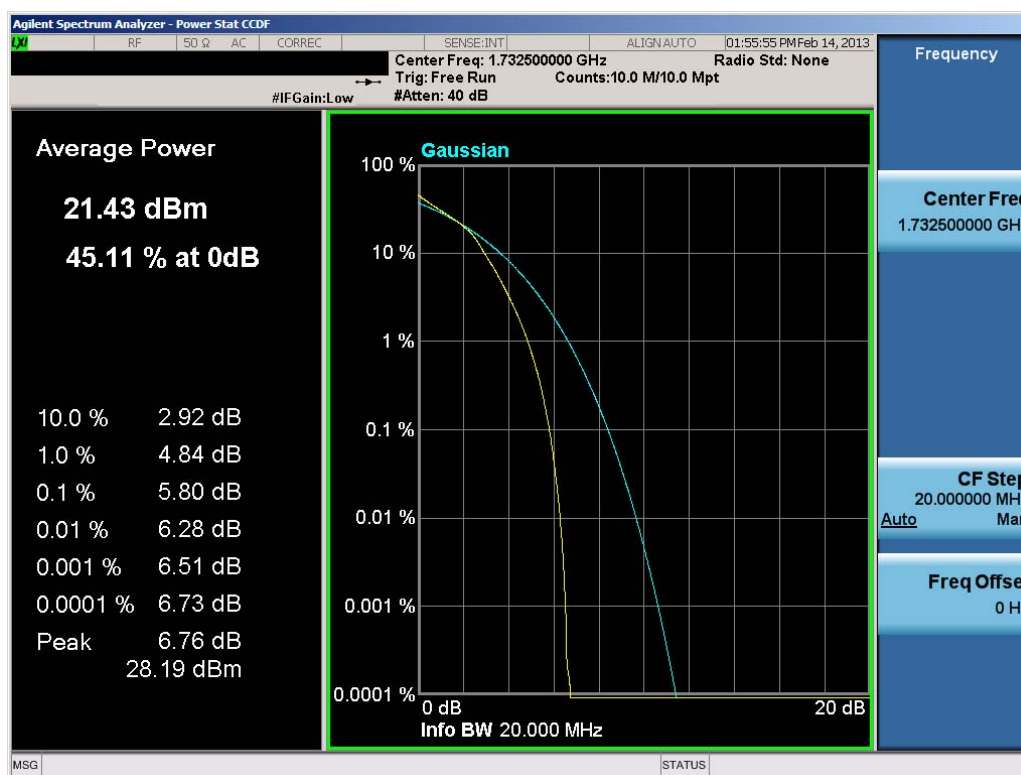


Plot 8-26. Upper Extended Band Edge Plot (10.0MHz QPSK – RB Size 50)

FCC ID: A3LSGHT999L			FCC Pt. 27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
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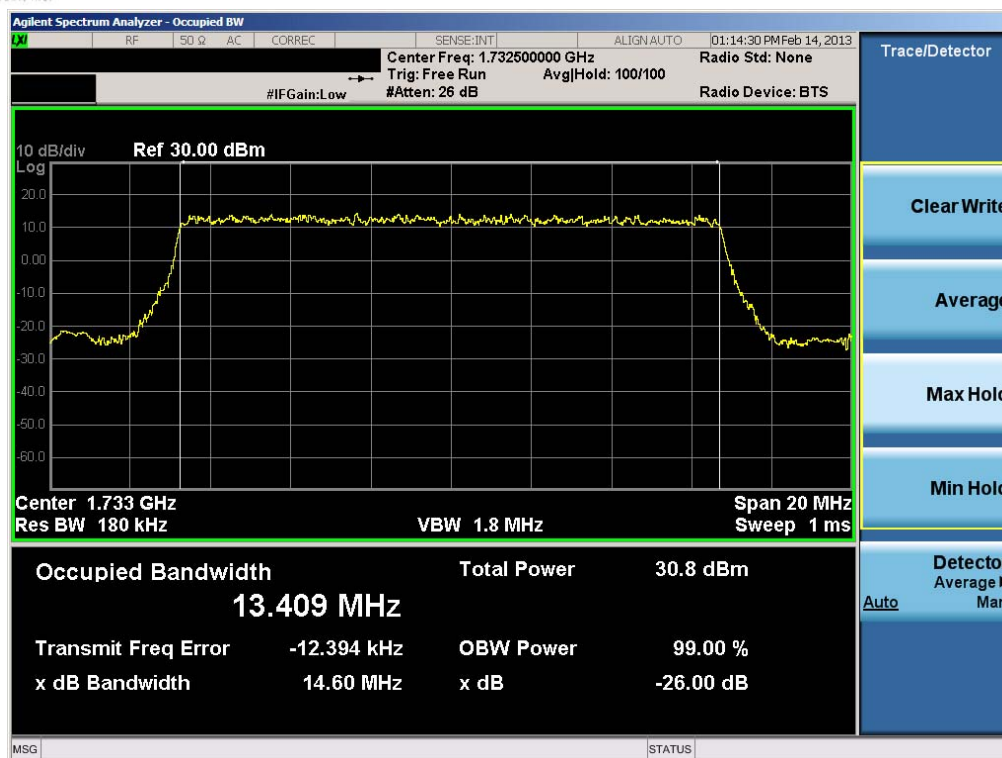
Plot 8-27. PAR Plot (10.0MHz QPSK – RB Size 50)



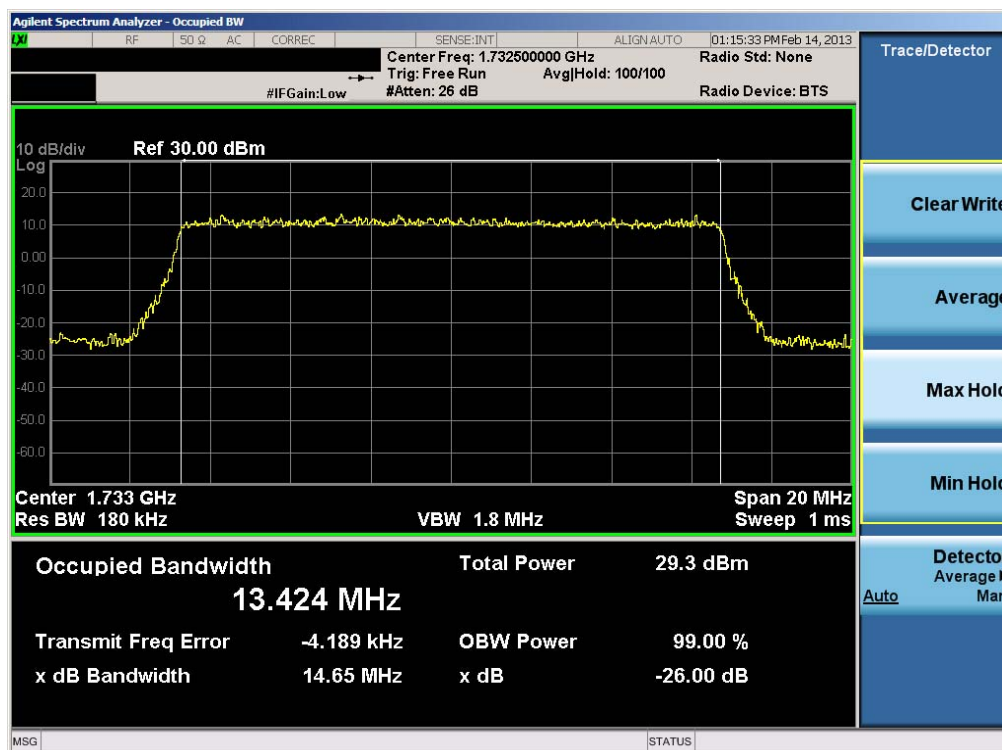
Plot 8-28. PAR Plot (10.0MHz 16-QAM – RB Size 50)

FCC ID: A3LSGHT999L		FCC Pt. 27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
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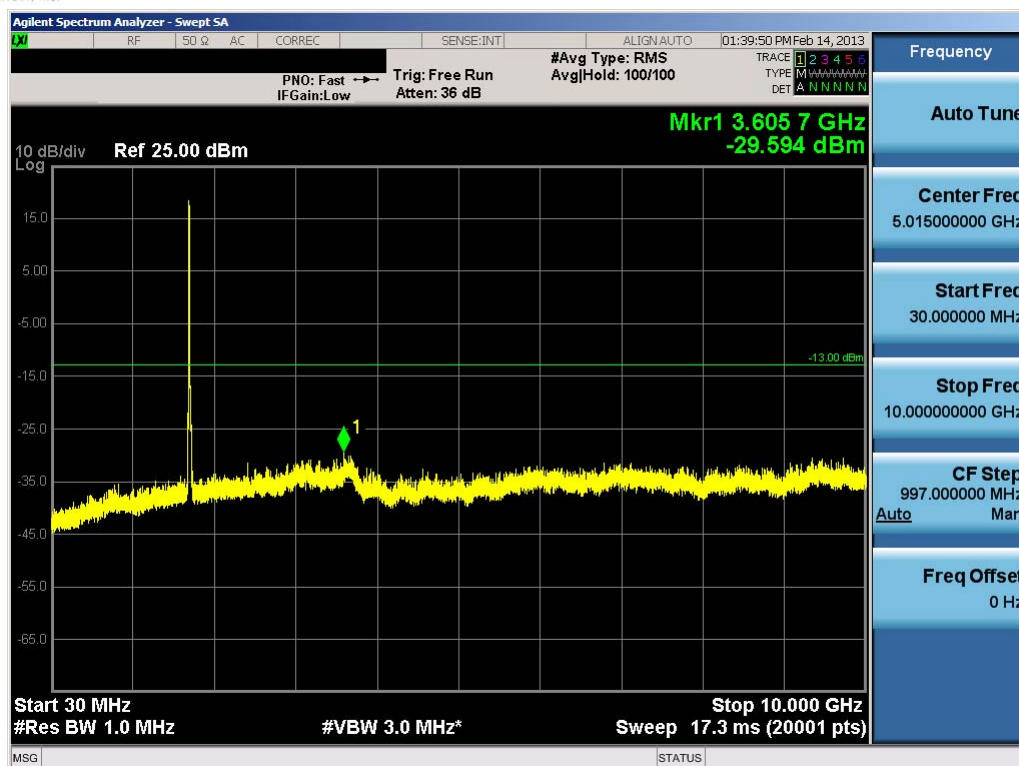


Plot 8-31. Occupied Bandwidth Plot (15.0MHz QPSK – RB Size 75)

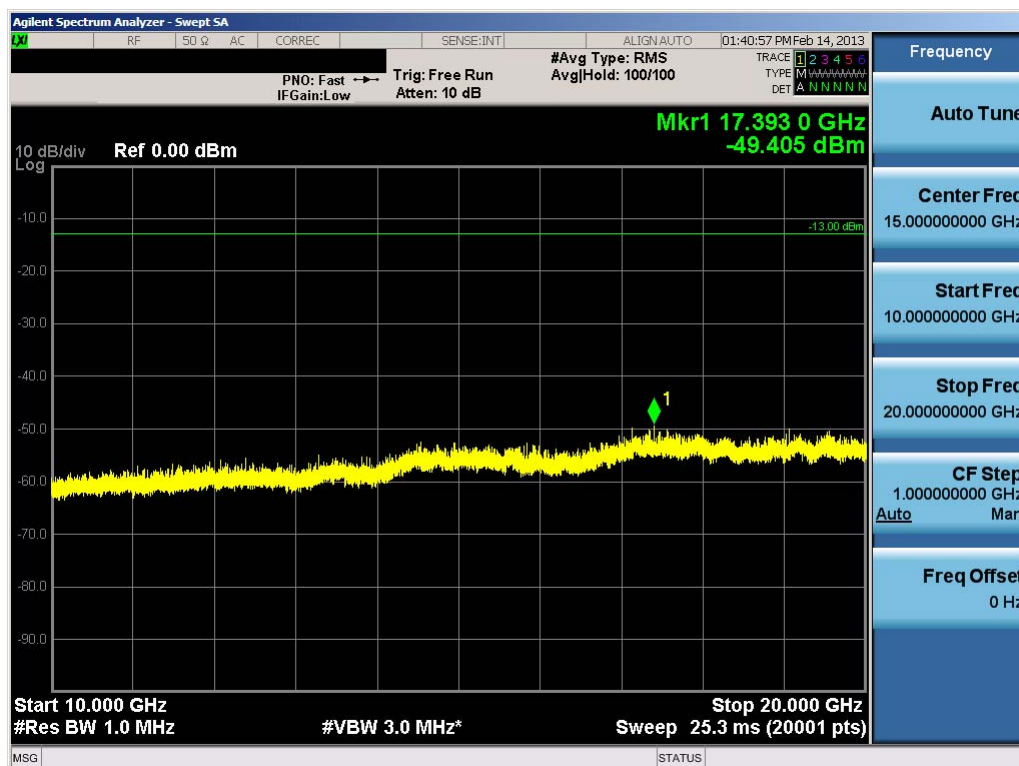


Plot 8-32. Occupied Bandwidth Plot (15.0MHz 16-QAM – RB Size 75)

FCC ID: A3LSGHT999L	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
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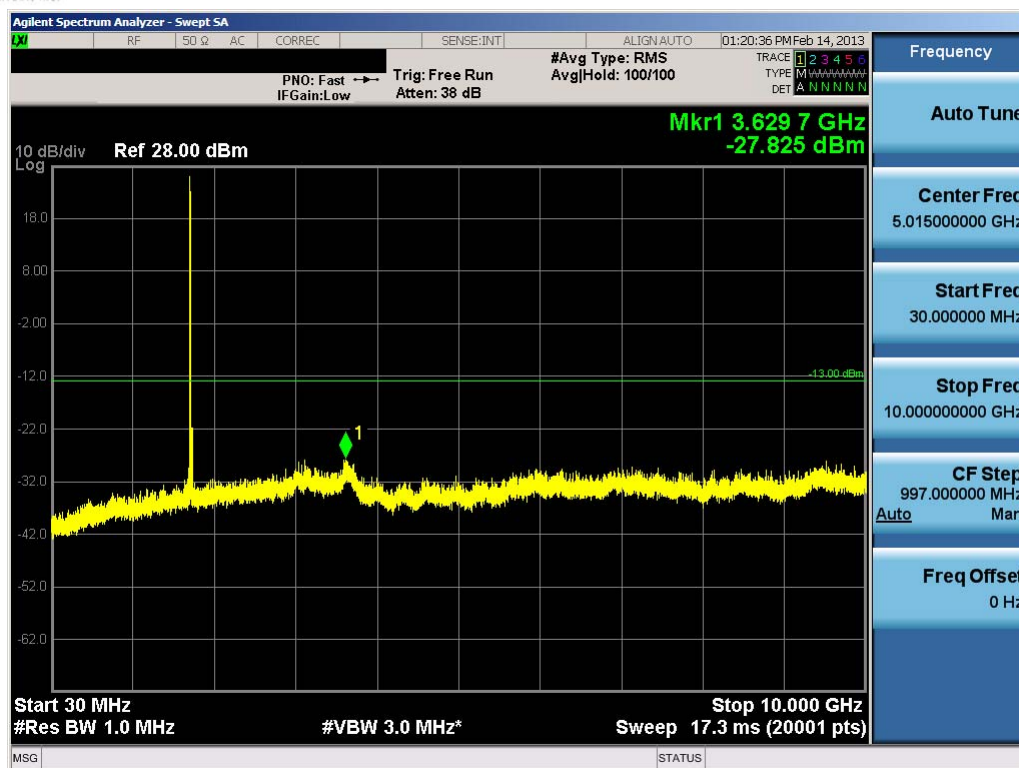


Plot 8-33. Conducted Spurious Plot (15.0MHz QPSK – RB Size 1, RB Offset 0 – Low Channel)

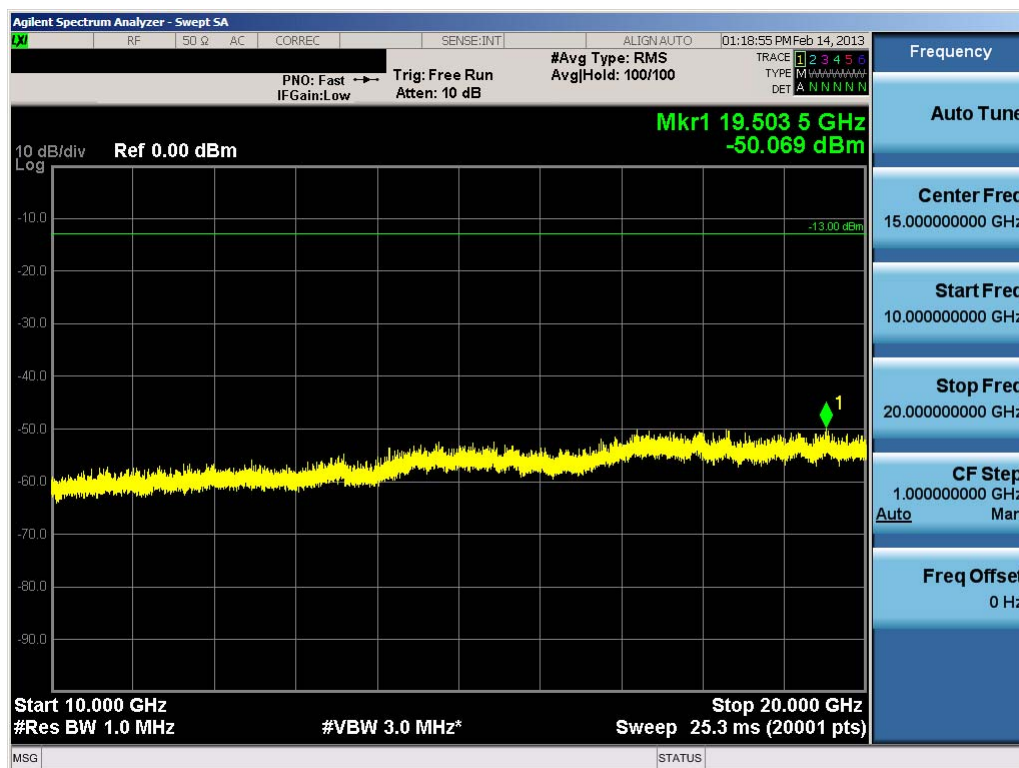


Plot 8-34. Conducted Spurious Plot (15.0MHz QPSK – RB Size 1, RB Offset 0 – Low Channel)

FCC ID: A3LSGHT999L	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1301210110.A3L	Test Dates: Jan. 23 - Feb. 14, 2013	EUT Type: Portable Handset		Page 51 of 63

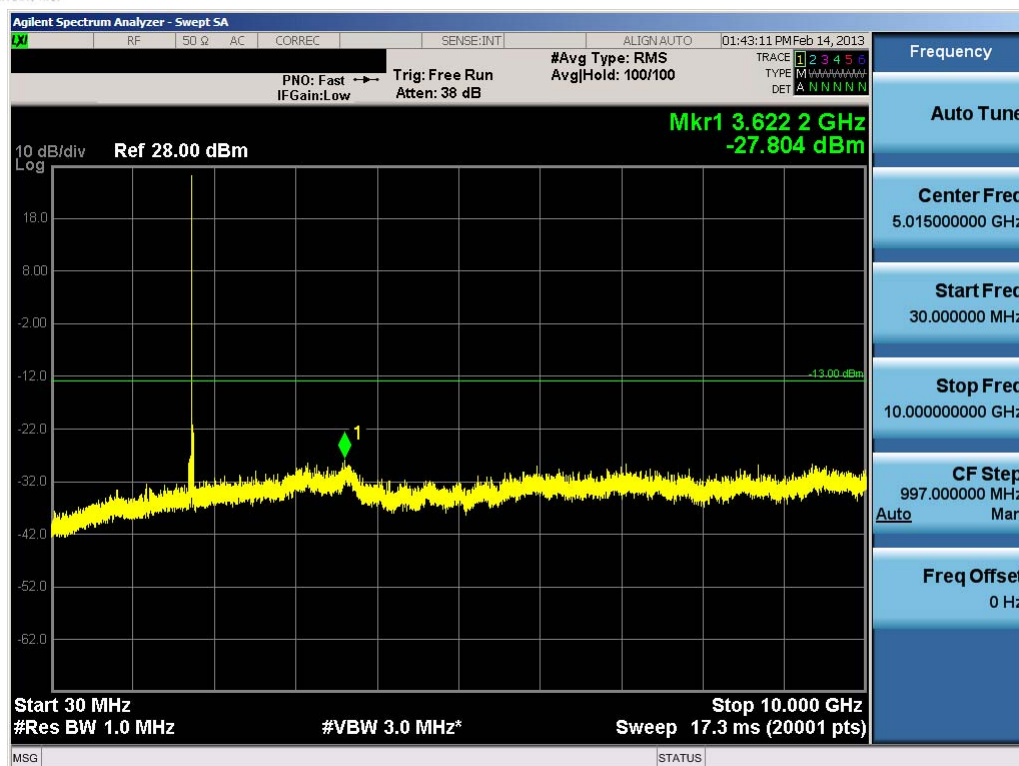


Plot 8-35. Conducted Spurious Plot (15.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)

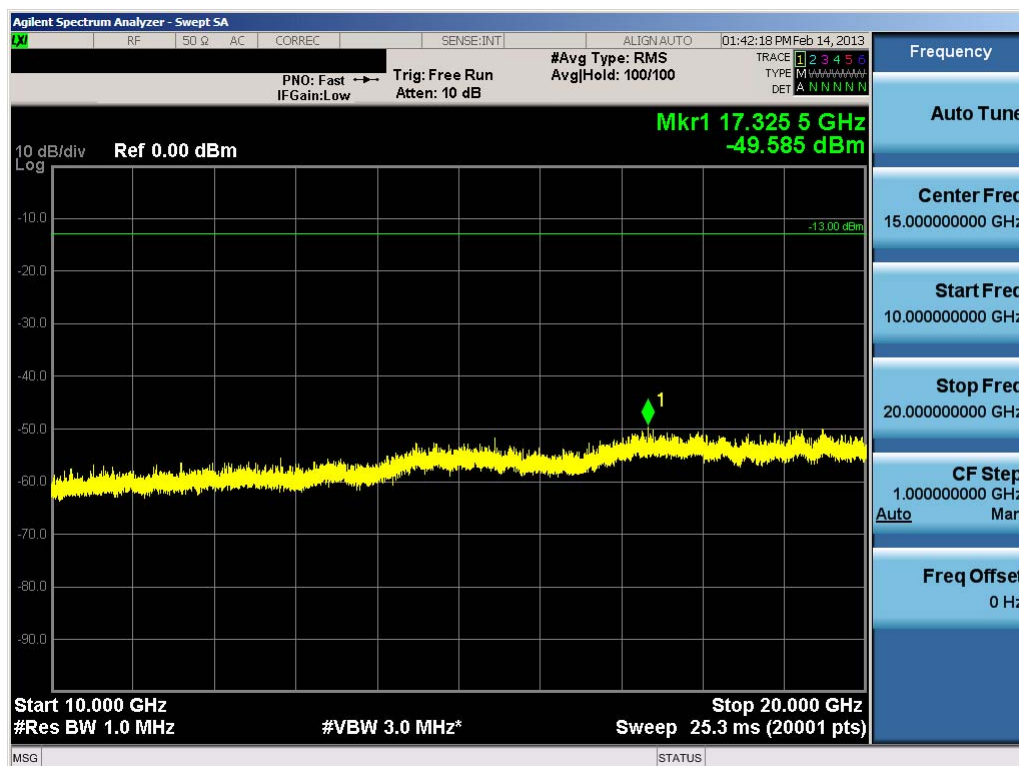


Plot 8-36. Conducted Spurious Plot (15.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)

FCC ID: A3LSGHT999L	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
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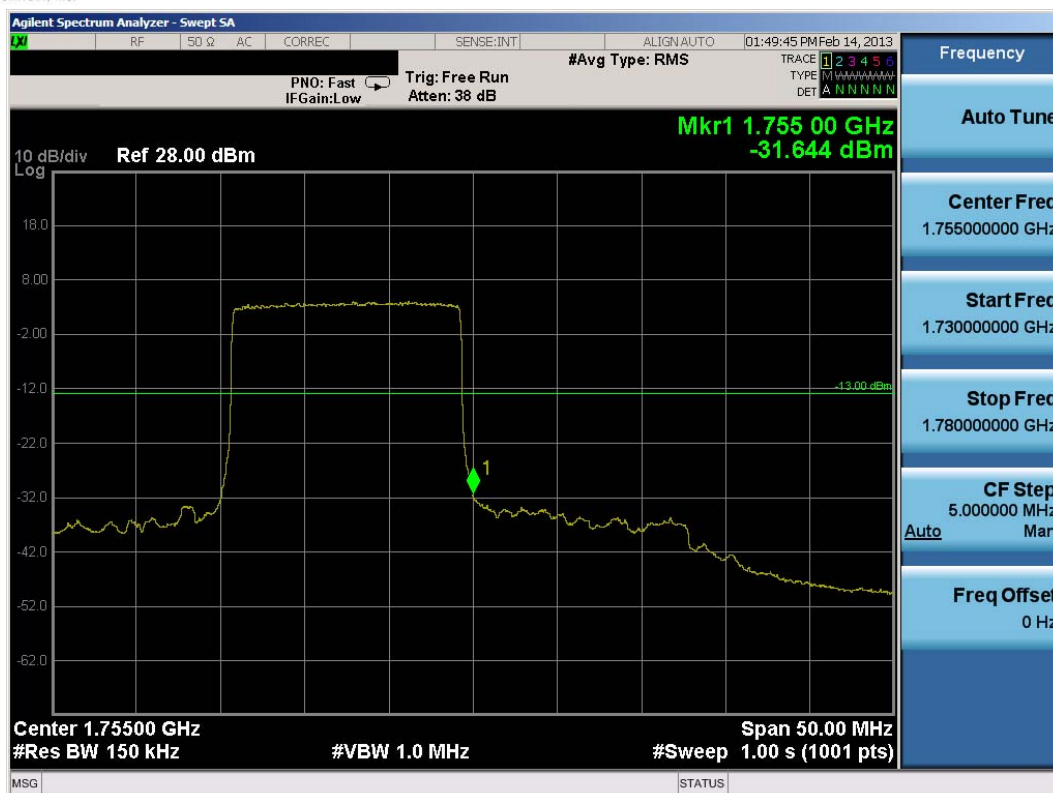


Plot 8-37. Conducted Spurious Plot (15.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)



Plot 8-38. Conducted Spurious Plot (15.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)

FCC ID: A3LSGHT999L	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
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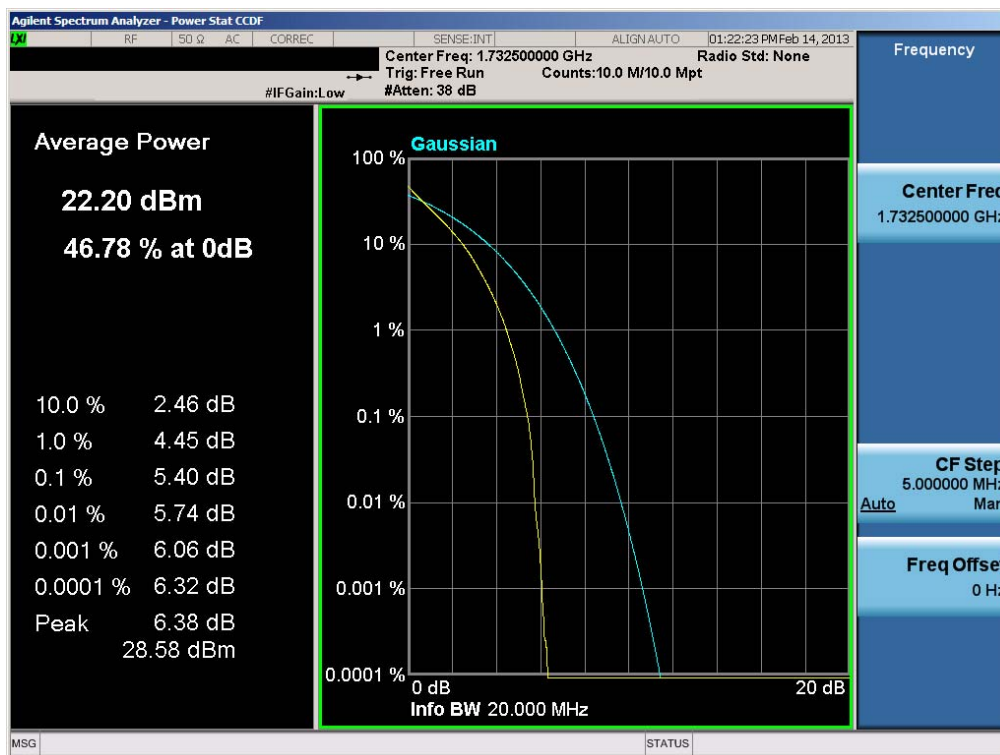


Plot 8-39. Upper Band Edge Plot (15.0MHz QPSK – RB Size 75)

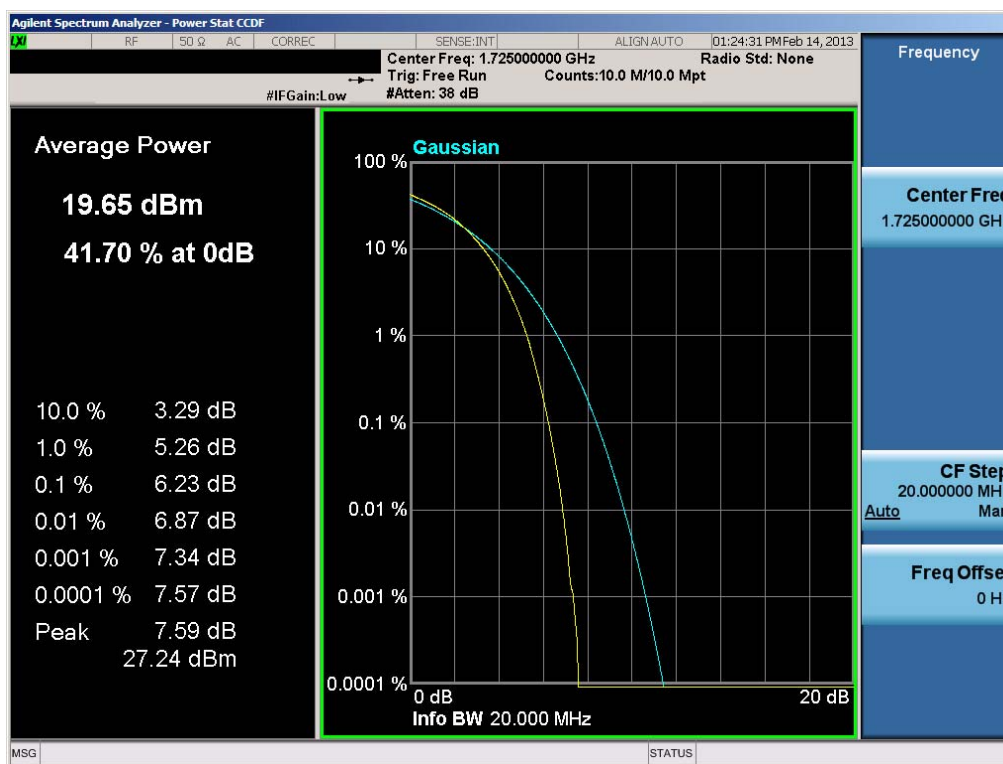


Plot 8-40. Upper Extended Band Edge Plot (15.0MHz QPSK – RB Size 75)

FCC ID: A3LSGHT999L			FCC Pt. 27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
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Plot 8-41. PAR Plot (15.0MHz QPSK – RB Size 75)

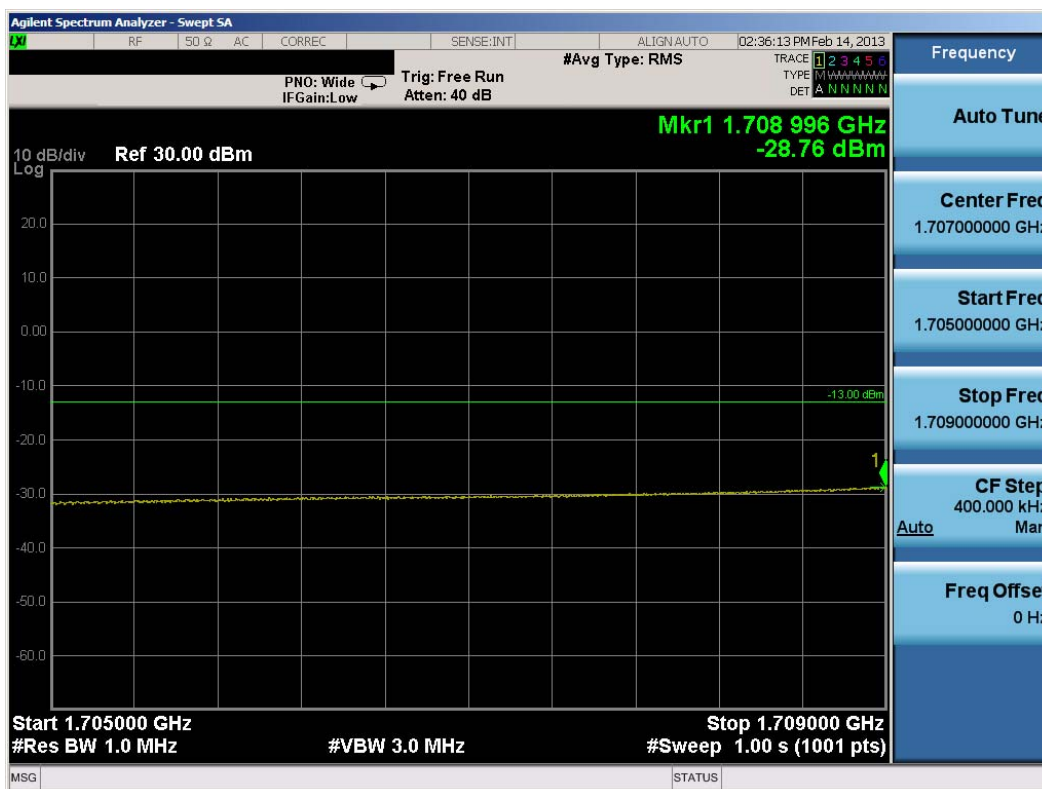


Plot 8-42. PAR Plot (15.0MHz 16-QAM – RB Size 75)

FCC ID: A3LSGHT999L	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
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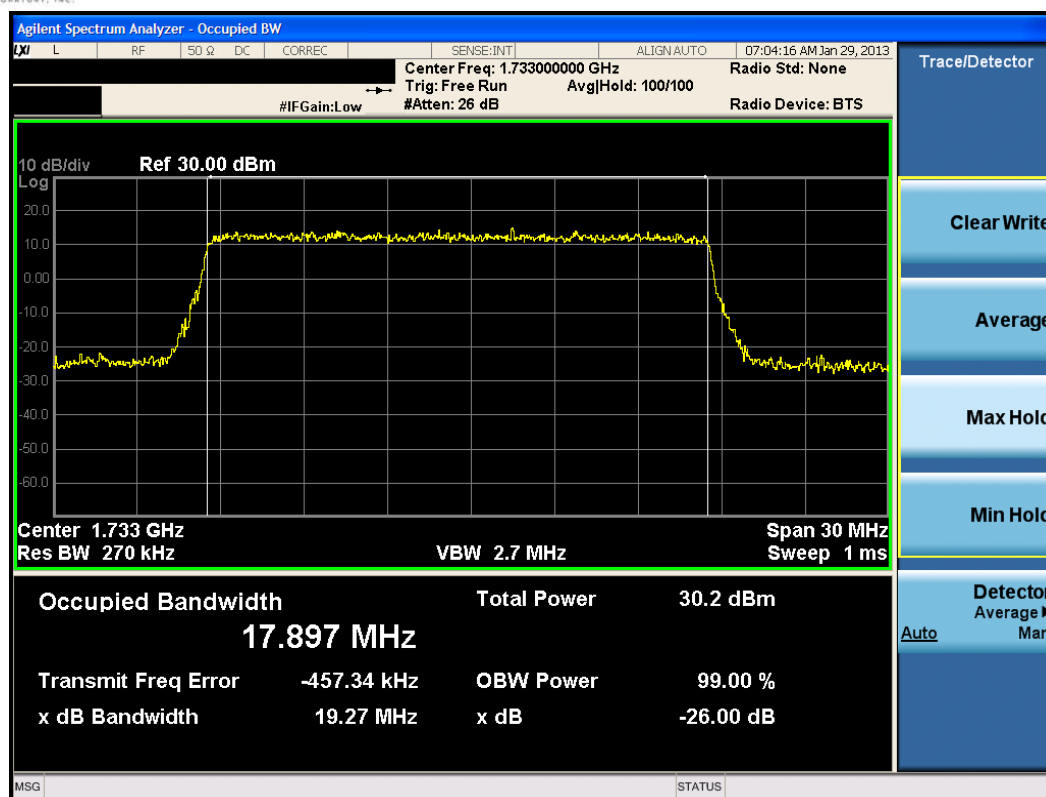


Plot 8-43. Lower Band Edge Plot (20.0MHz QPSK – RB Size 100)

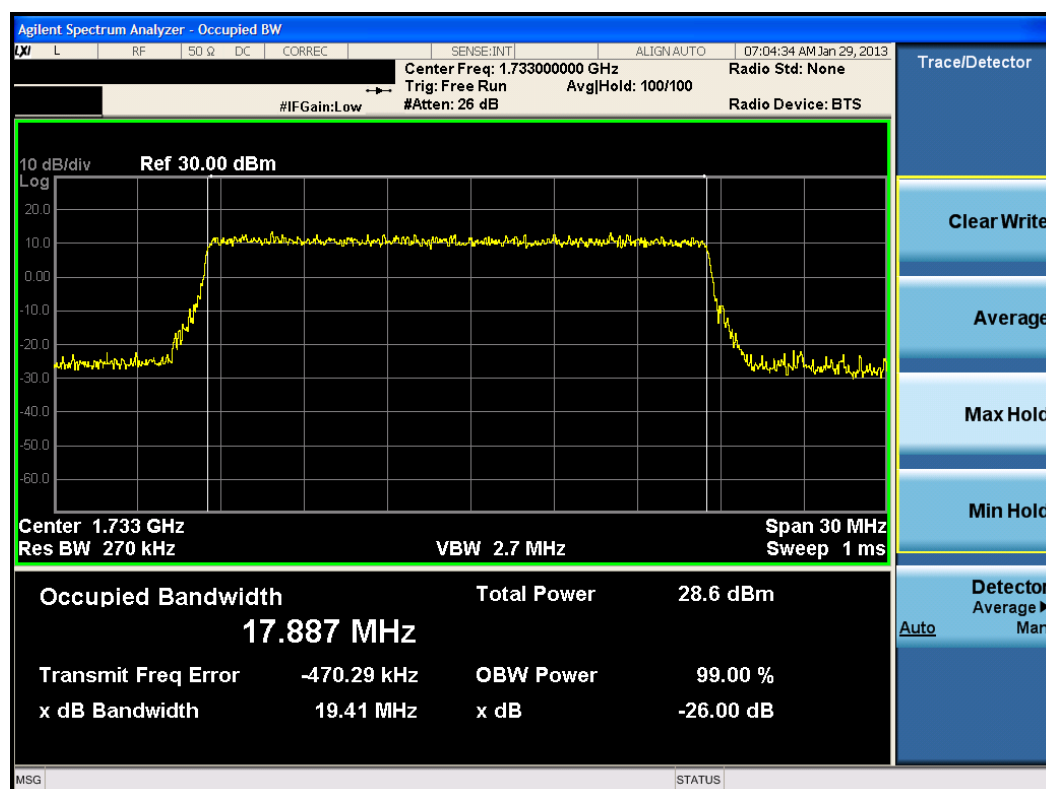


Plot 8-44. Lower Extended Band Edge Plot (20.0MHz QPSK – RB Size 100)

FCC ID: A3LSGHT999L	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
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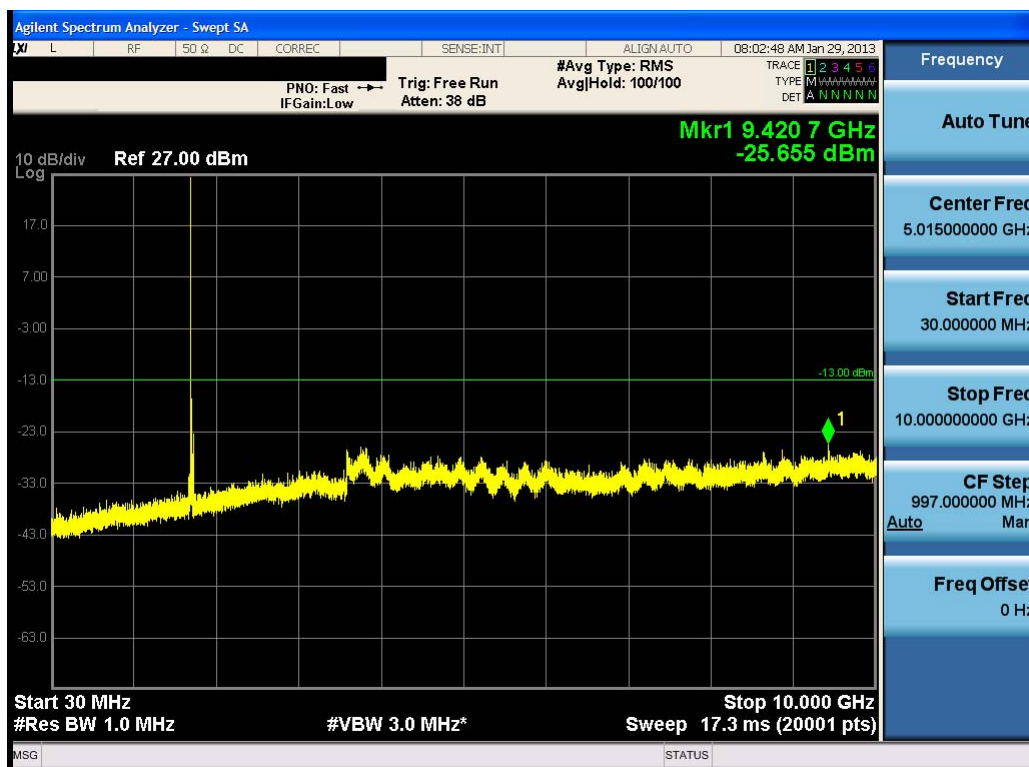


Plot 8-45. Occupied Bandwidth Plot (20.0MHz QPSK – RB Size 100)

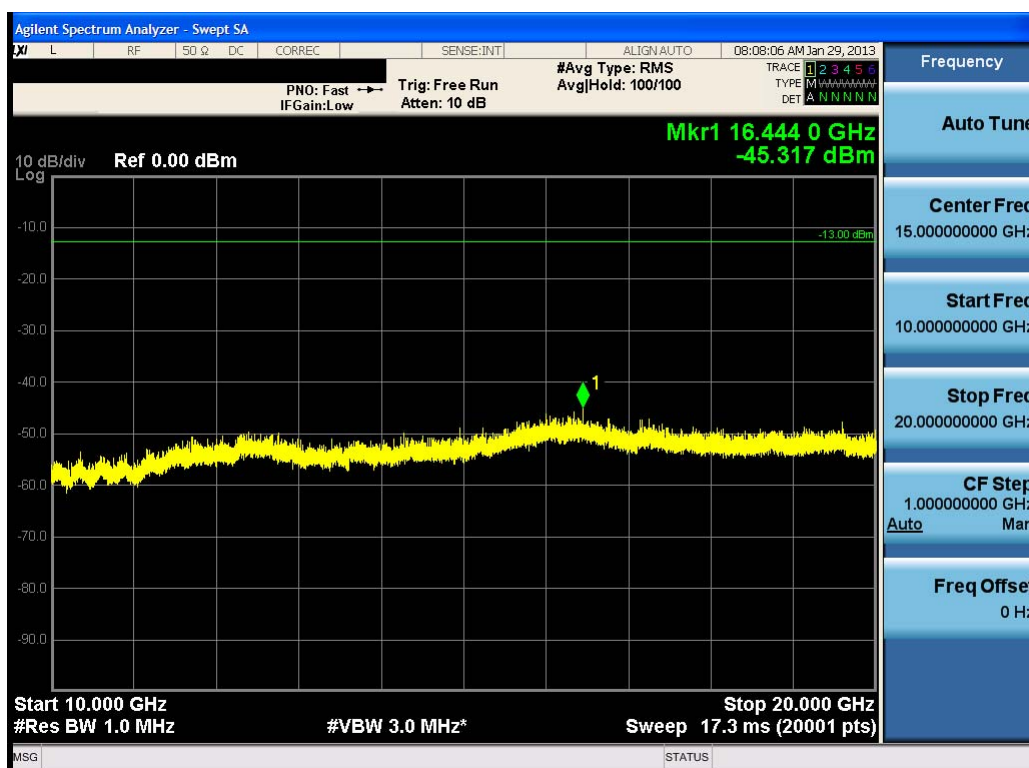


Plot 8-46. Occupied Bandwidth Plot (20.0MHz 16-QAM – RB Size 100)

FCC ID: A3LSGHT999L	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
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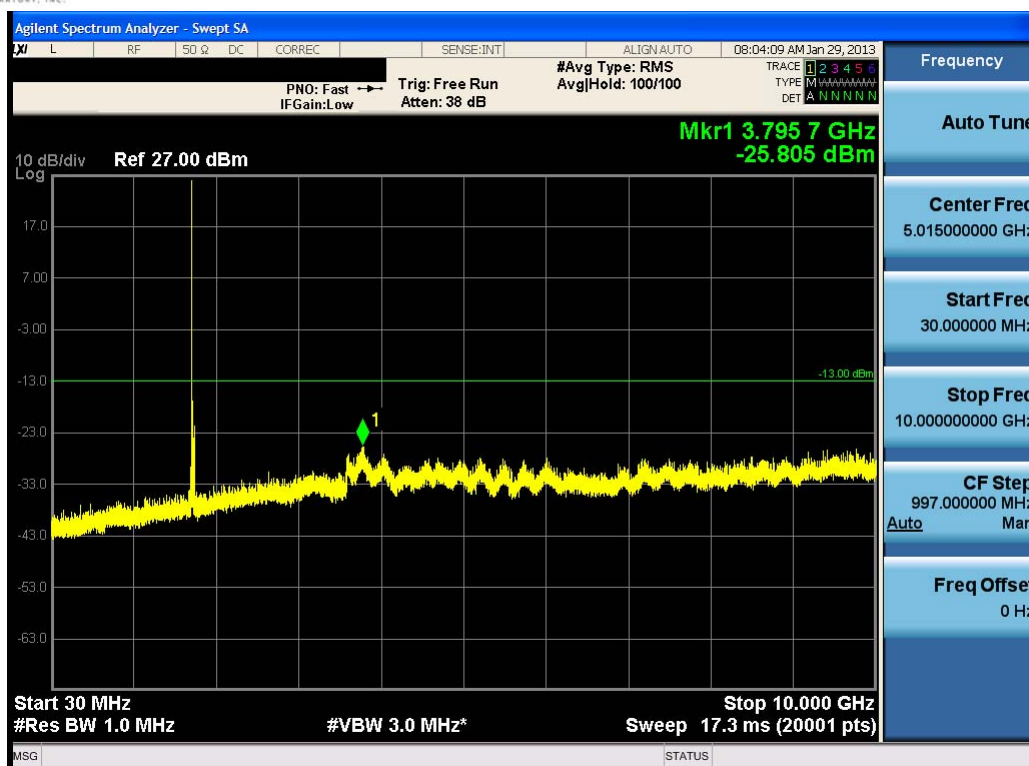


Plot 8-47. Conducted Spurious Plot (20.0MHz QPSK – RB Size 1, RB Offset 0– Low Channel)

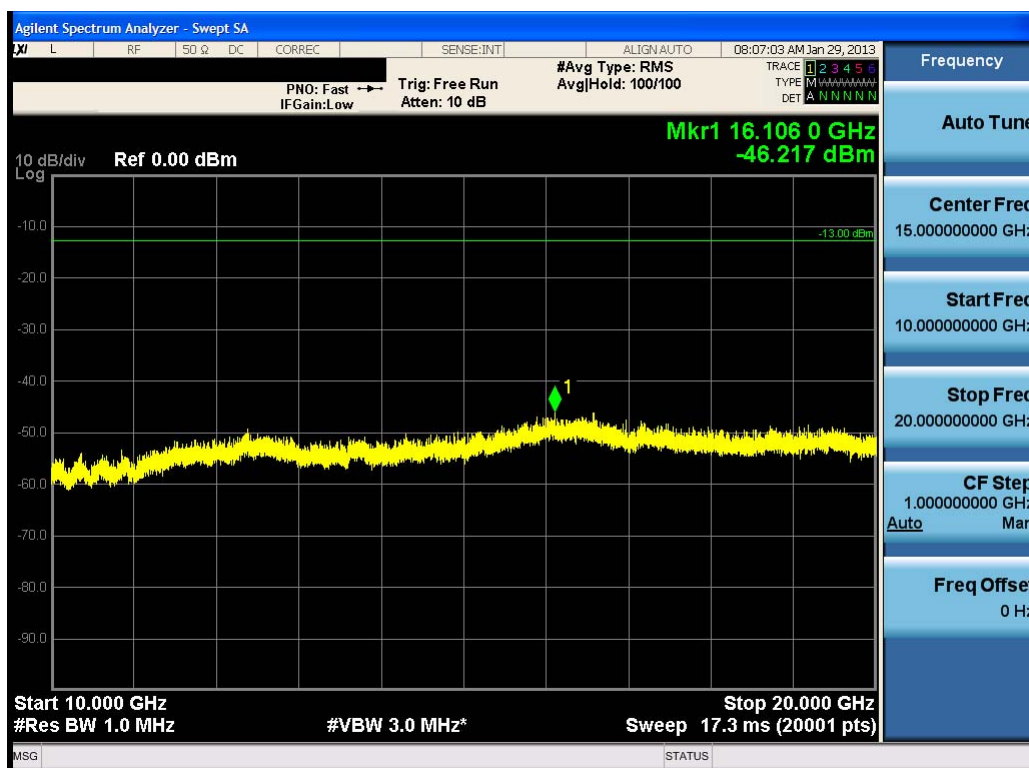


Plot 8-48. Conducted Spurious Plot (20.0MHz QPSK – RB Size 1, RB Offset 0 – Low Channel)

FCC ID: A3LSGHT999L	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
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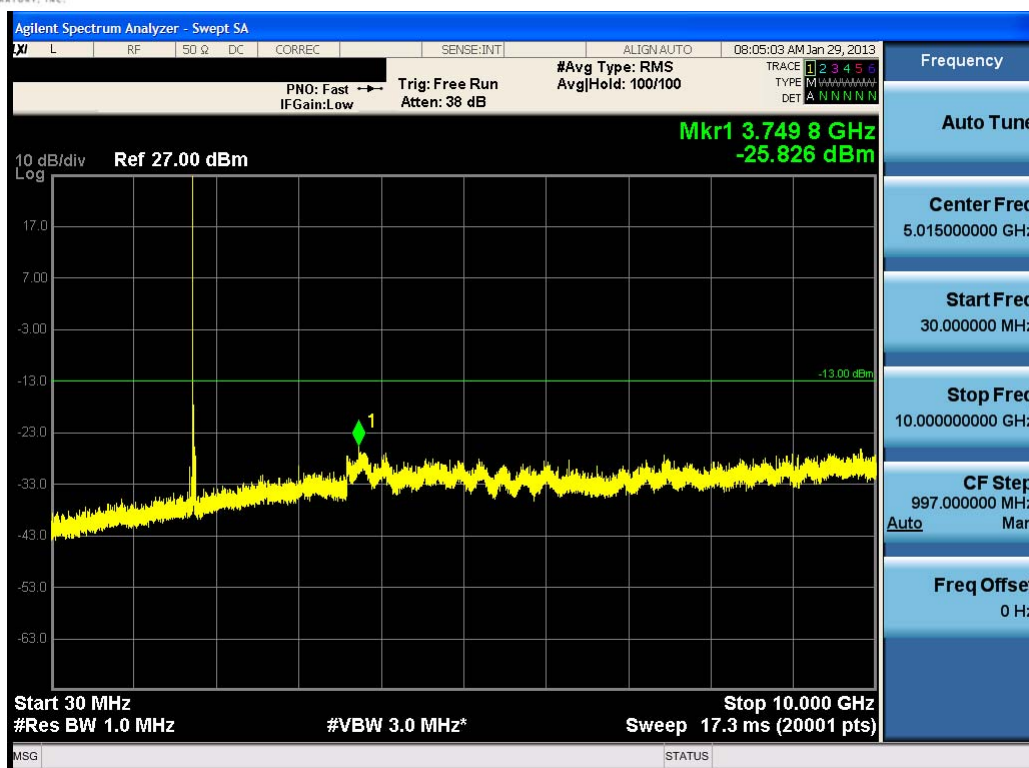


Plot 8-49. Conducted Spurious Plot (20.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)

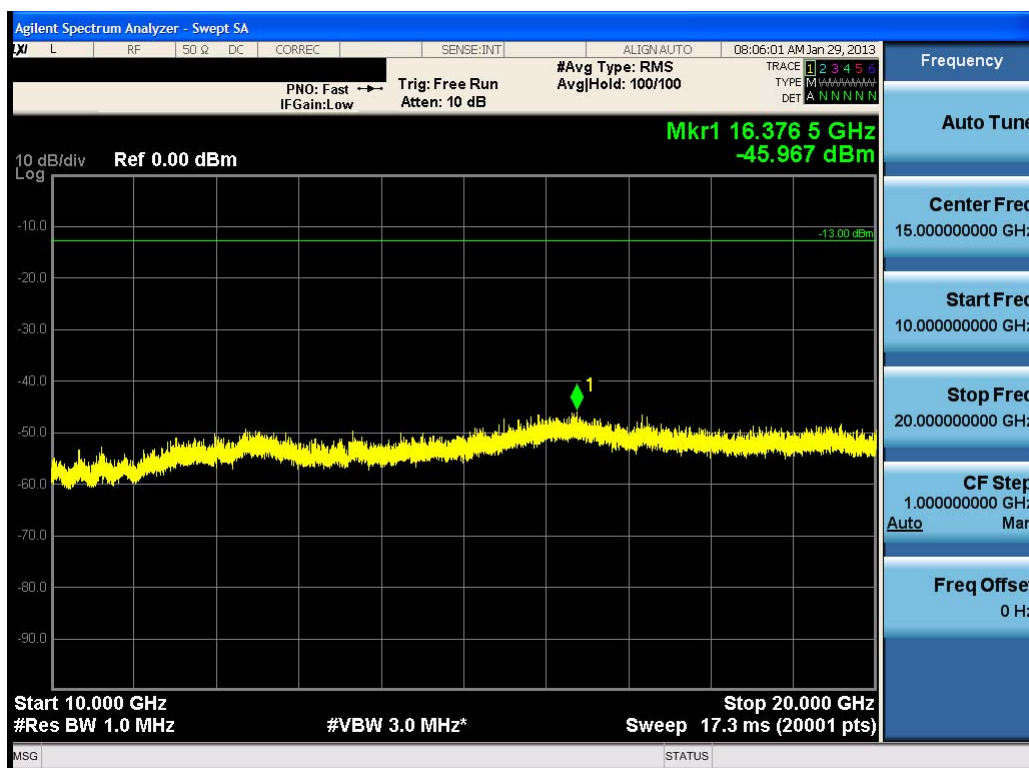


Plot 8-50. Conducted Spurious Plot (20.0MHz QPSK – RB Size 1, RB Offset 0 – Mid Channel)

FCC ID: A3LSGHT999L	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
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Plot 8-51. Conducted Spurious Plot (20.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)

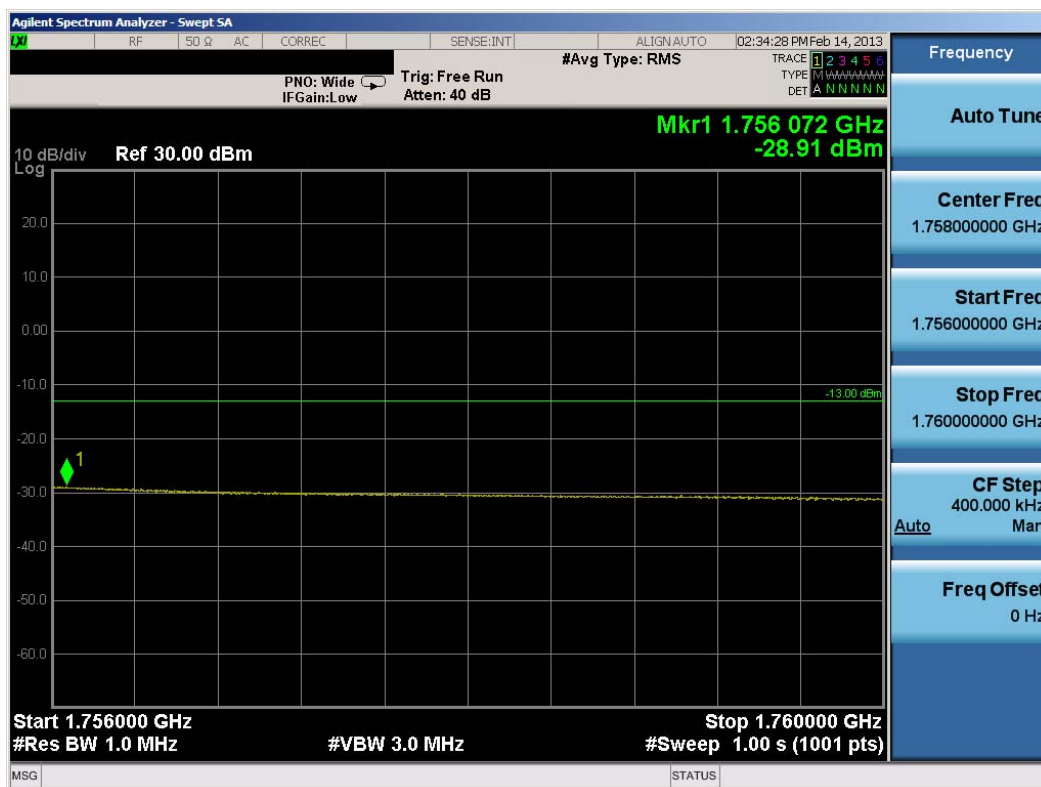


Plot 8-52. Conducted Spurious Plot (20.0MHz QPSK – RB Size 1, RB Offset 0 – High Channel)

FCC ID: A3LSGHT999L	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
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Plot 8-53. Upper Band Edge Plot (20.0MHz QPSK - RB Size 100)



Plot 8-54. Upper Extended Band Edge Plot (20.0MHz QPSK - RB Size 100)

FCC ID: A3LSGHT999L	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
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Plot 8-55. PAR Plot (20.0MHz QPSK – RB Size 100)



Plot 8-56. PAR Plot (20.0MHz 16-QAM – RB Size 100)

FCC ID: A3LSGHT999L	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
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9.0 CONCLUSION

The data collected relate only to the item(s) tested and show that the **Samsung Portable Handset FCC ID: A3LSGHT999L** complies with all the requirements of Parts 2, 27 of the FCC rules for LTE operation only.

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