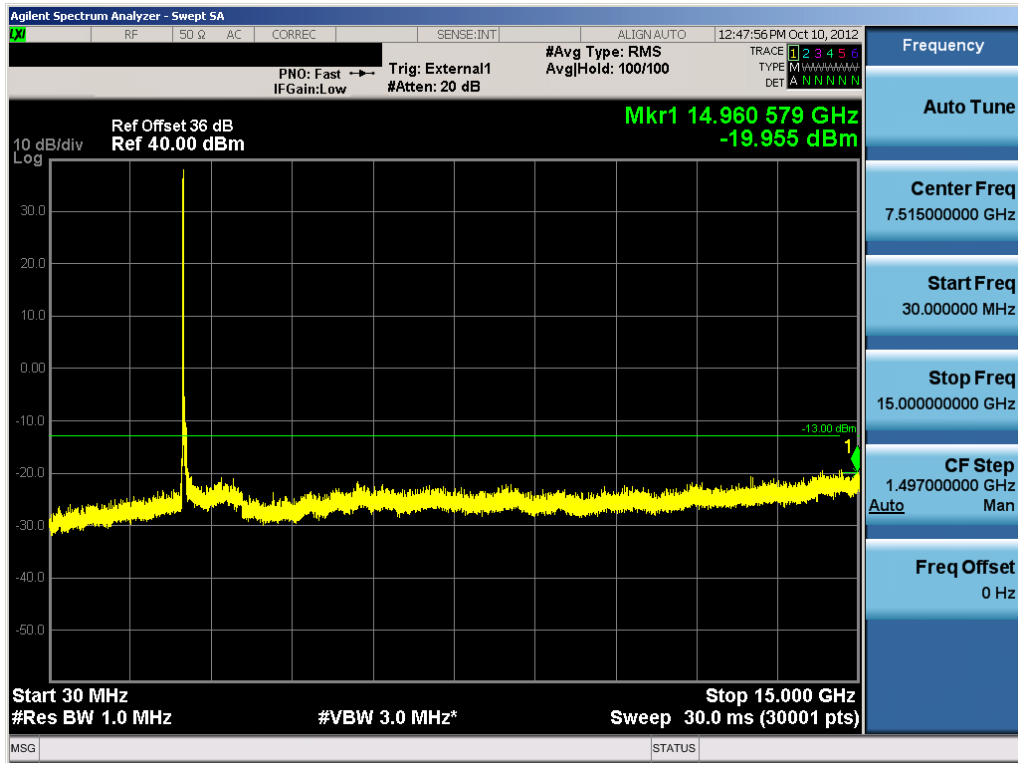
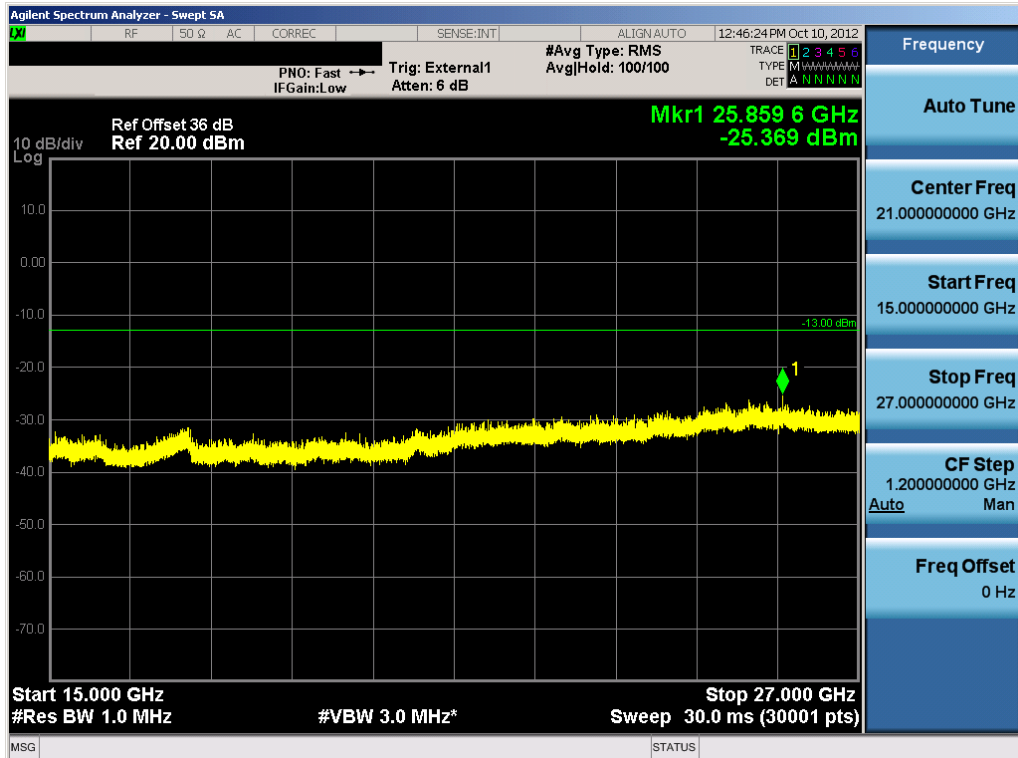


16-QAM Modulation

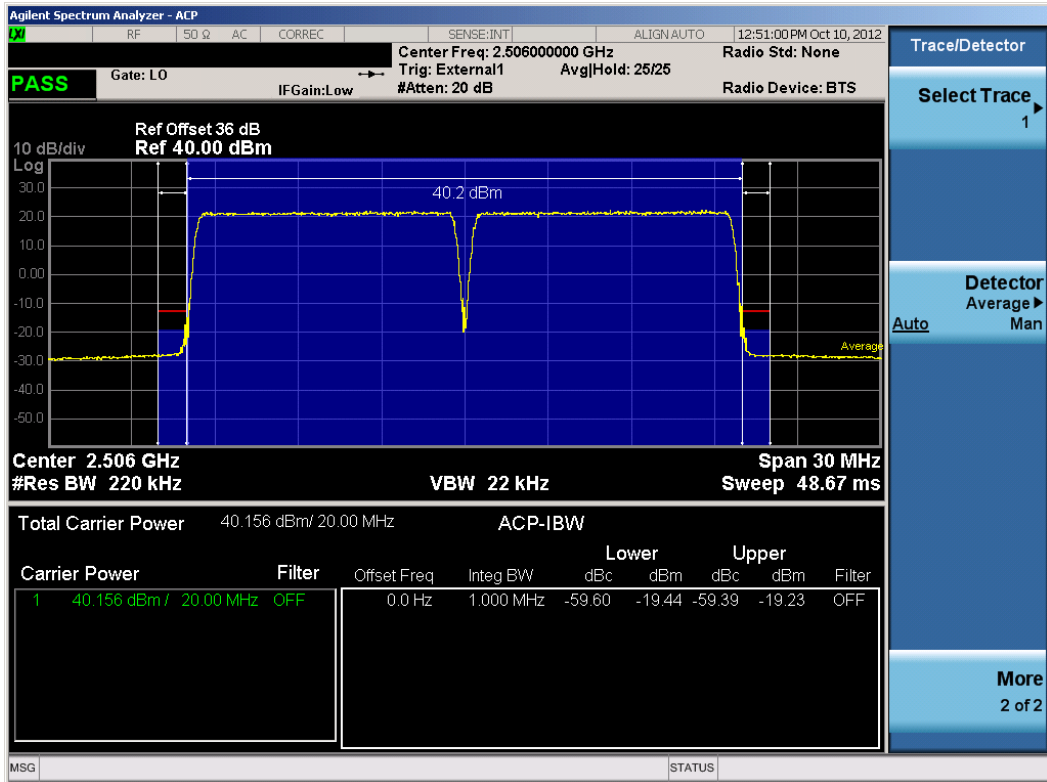


Plot 7-181. Conducted Spurious Plot (WiMAX Mode – Low Channel)

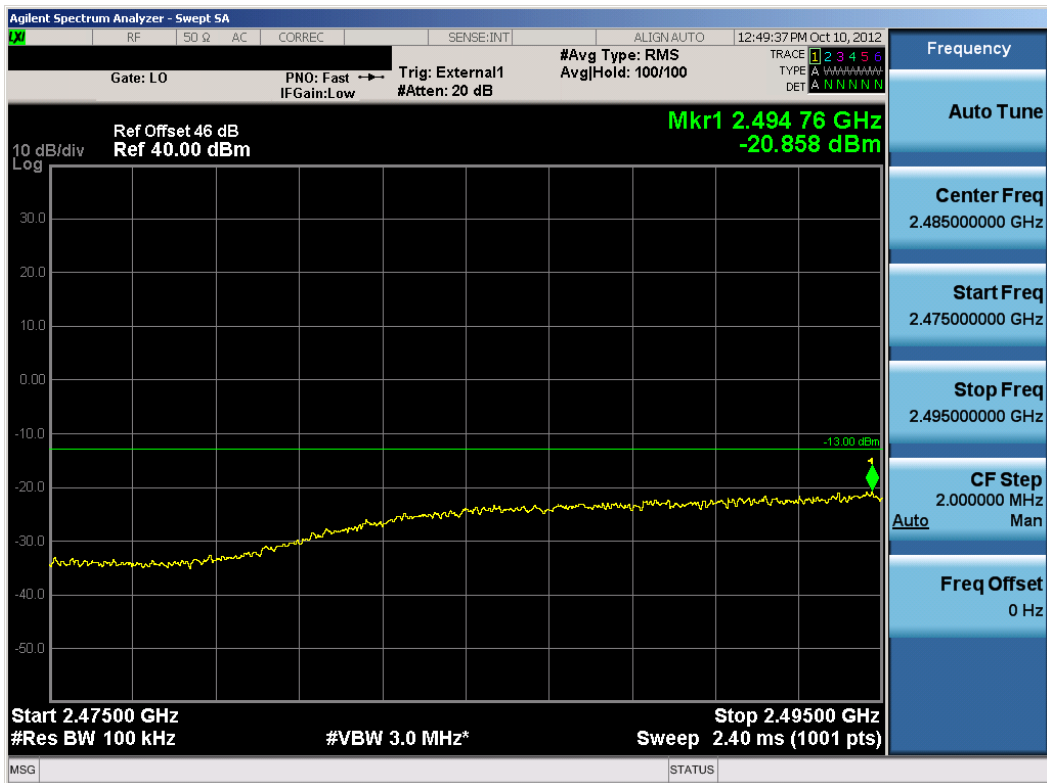


Plot 7-182. Conducted Spurious Plot (WiMAX Mode – Low Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 129 of 247

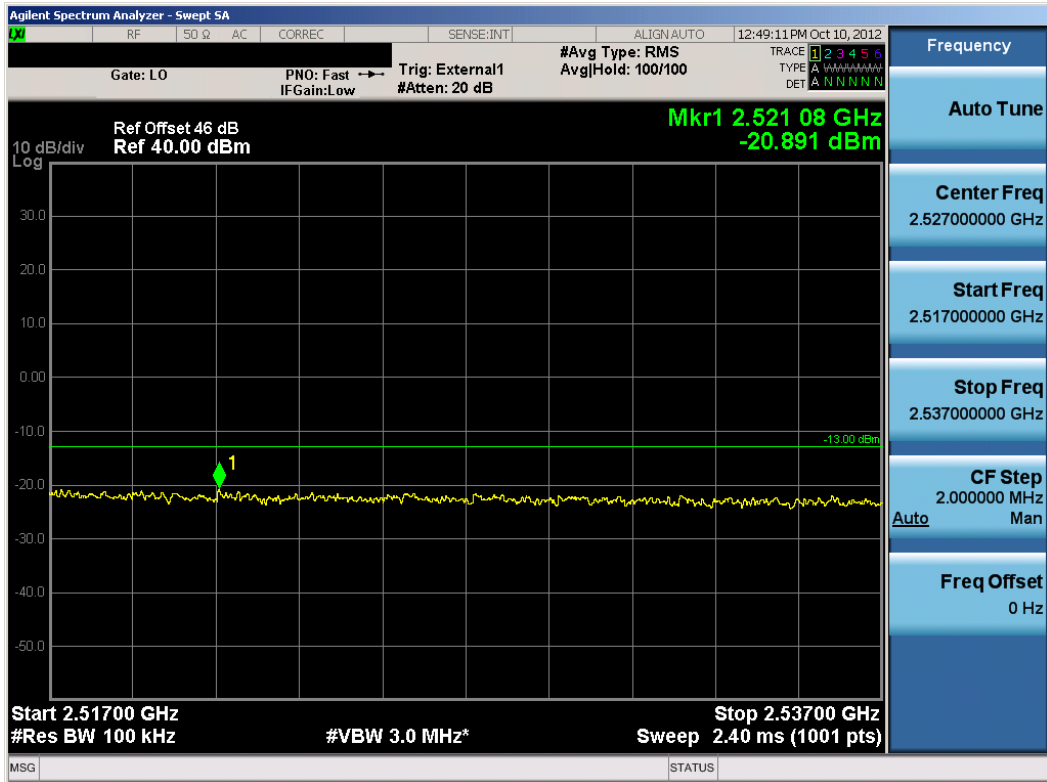


Plot 7-183. Channel Edge Plot (WiMAX Mode – Low Channel)

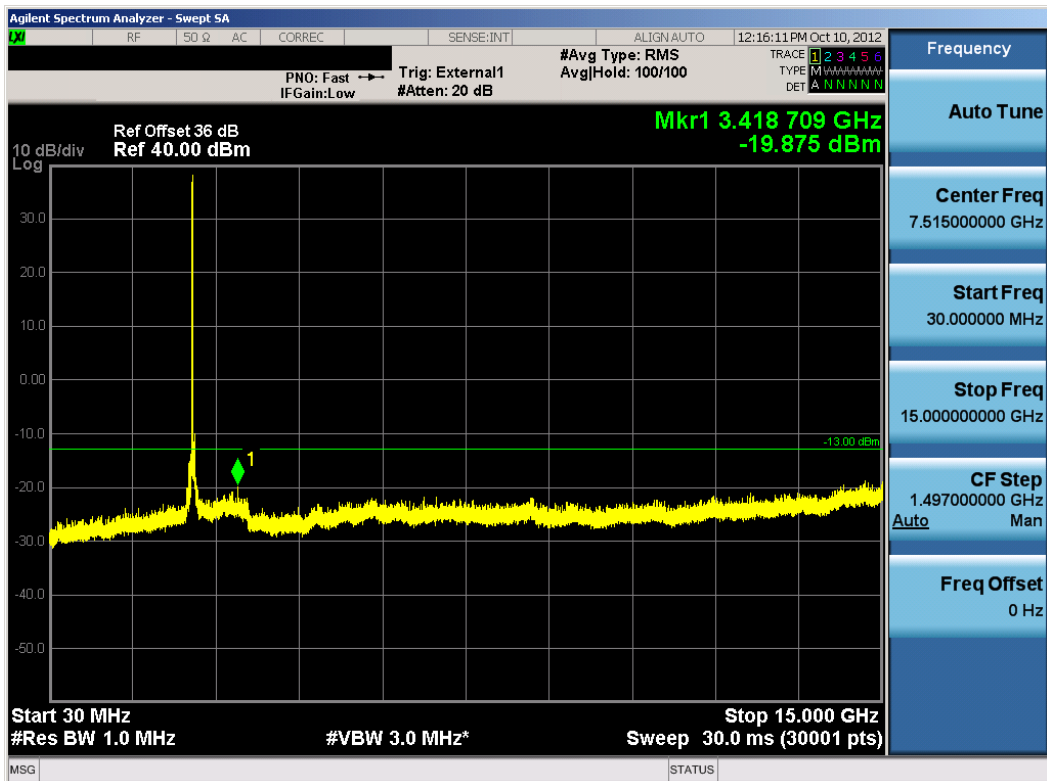


Plot 7-184. Lower Extended Channel Edge Plot (WiMAX Mode – Low Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 130 of 247

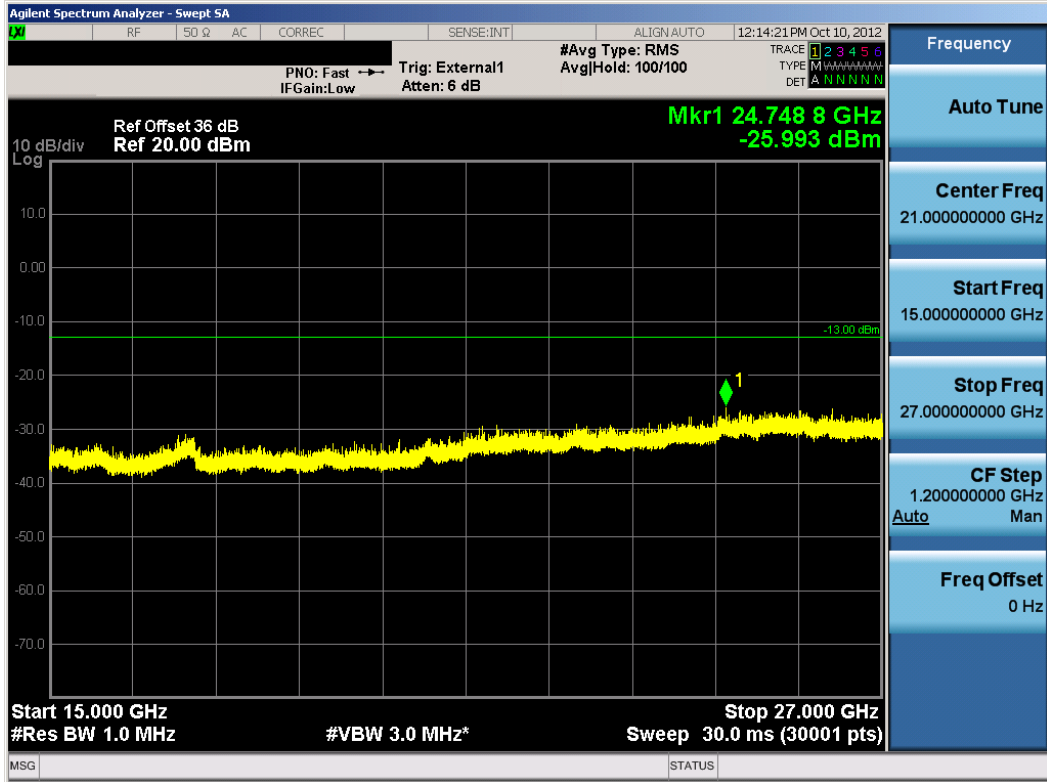


Plot 7-185. Upper Extended Channel Edge Plot (WiMAX Mode – Low Channel)

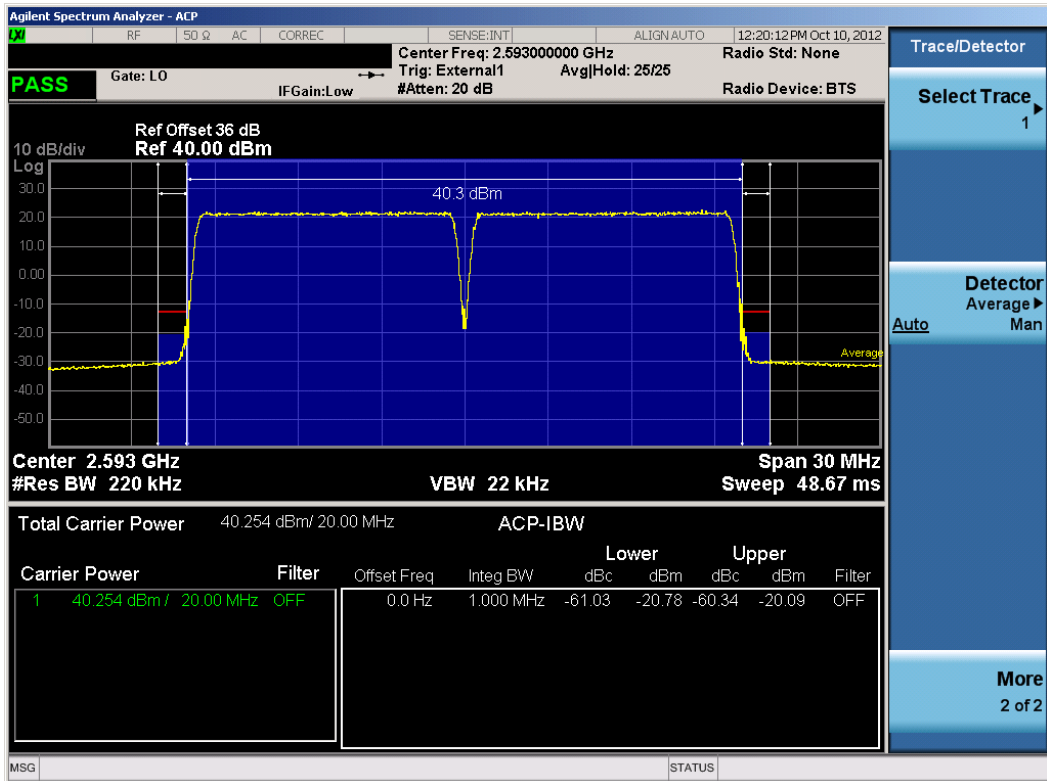


Plot 7-186. Conducted Spurious Plot (WiMAX Mode – Mid Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 131 of 247

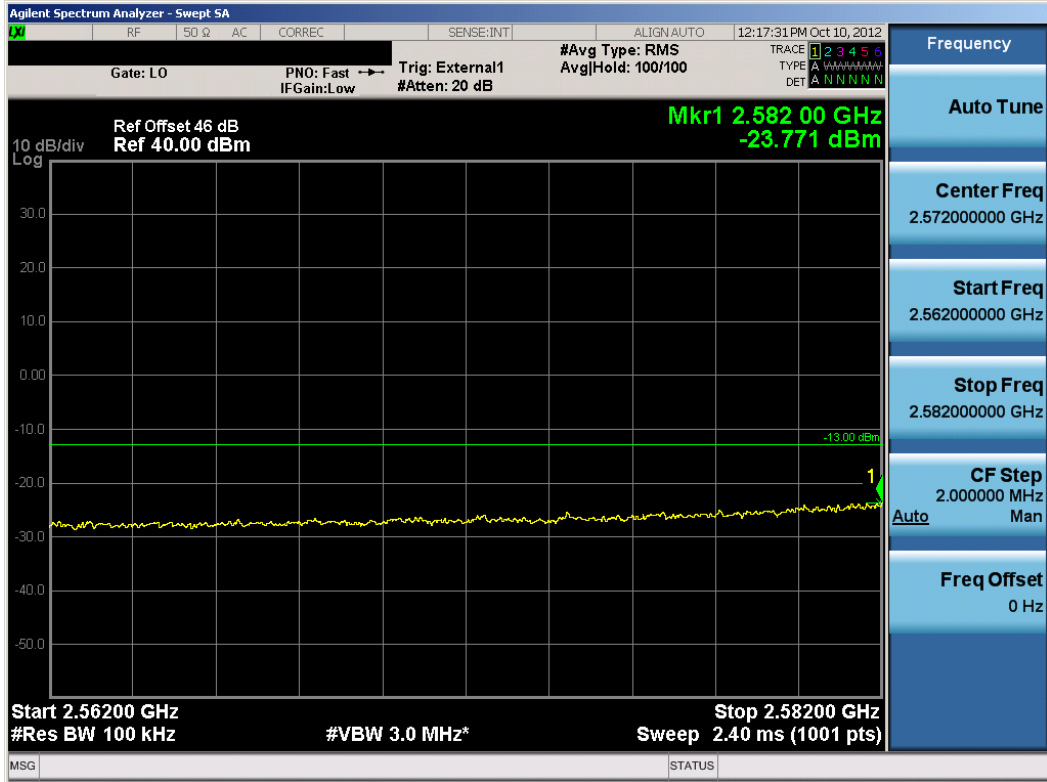


Plot 7-187. Conducted Spurious Plot (WiMAX Mode – Mid Channel)

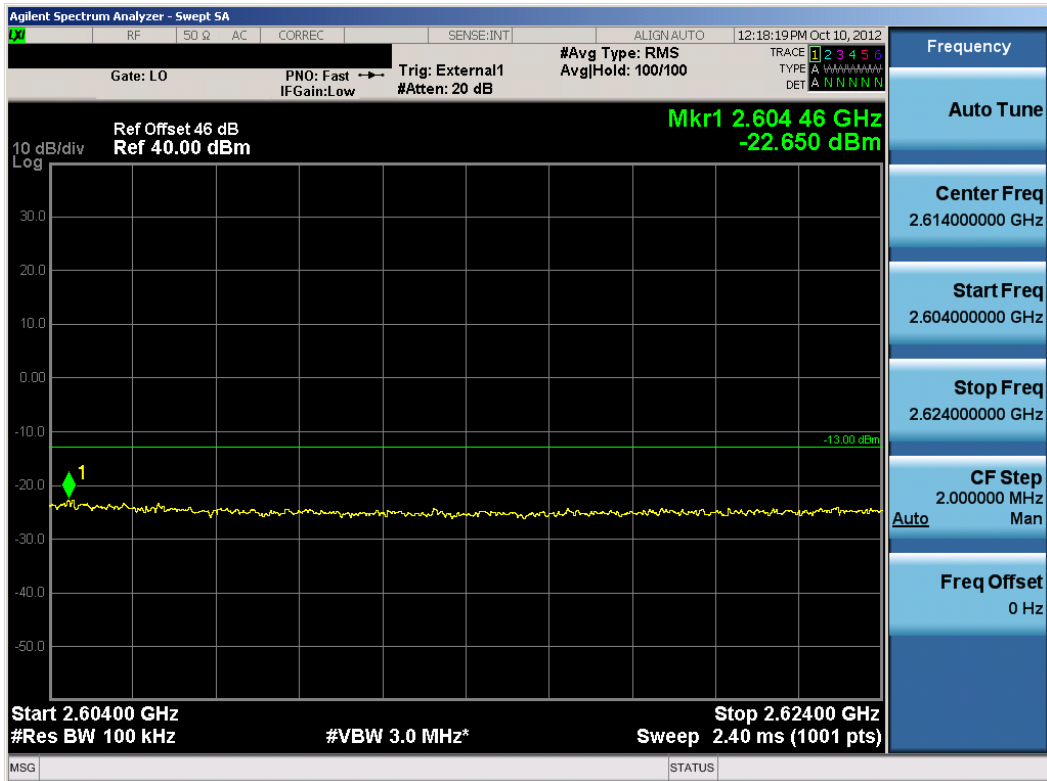


Plot 7-188. Channel Edge Plot (WiMAX Mode – Mid Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 132 of 247

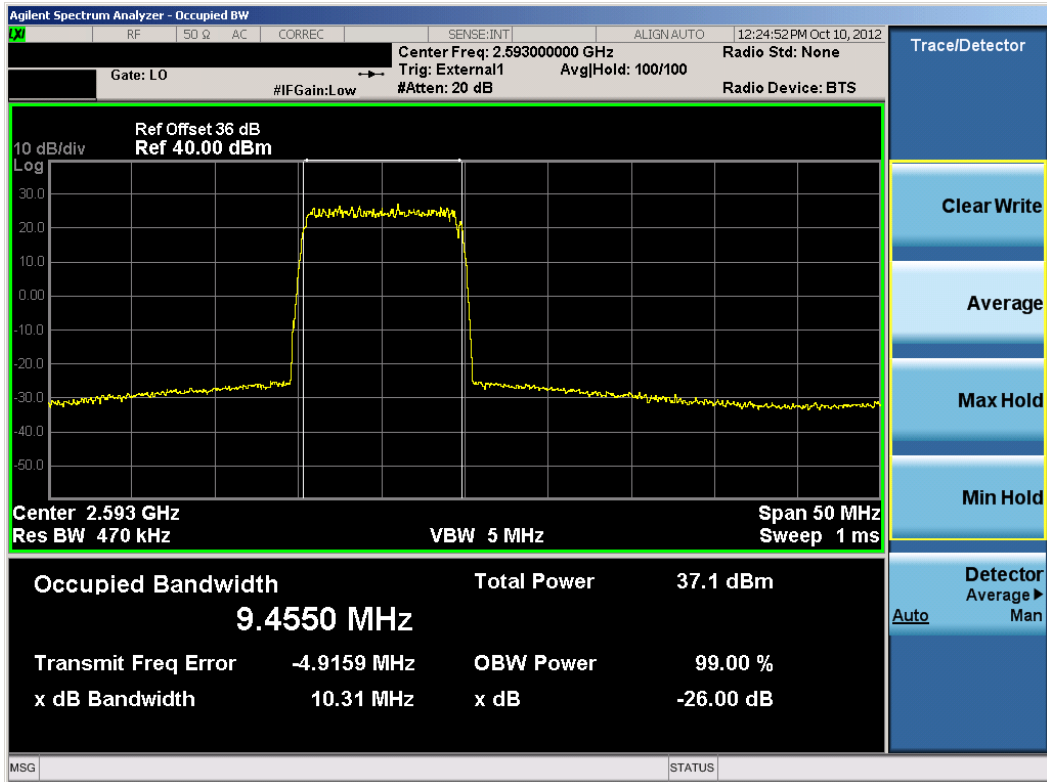


Plot 7-189. Lower Extended Channel Edge Plot (WiMAX Mode – Mid Channel)

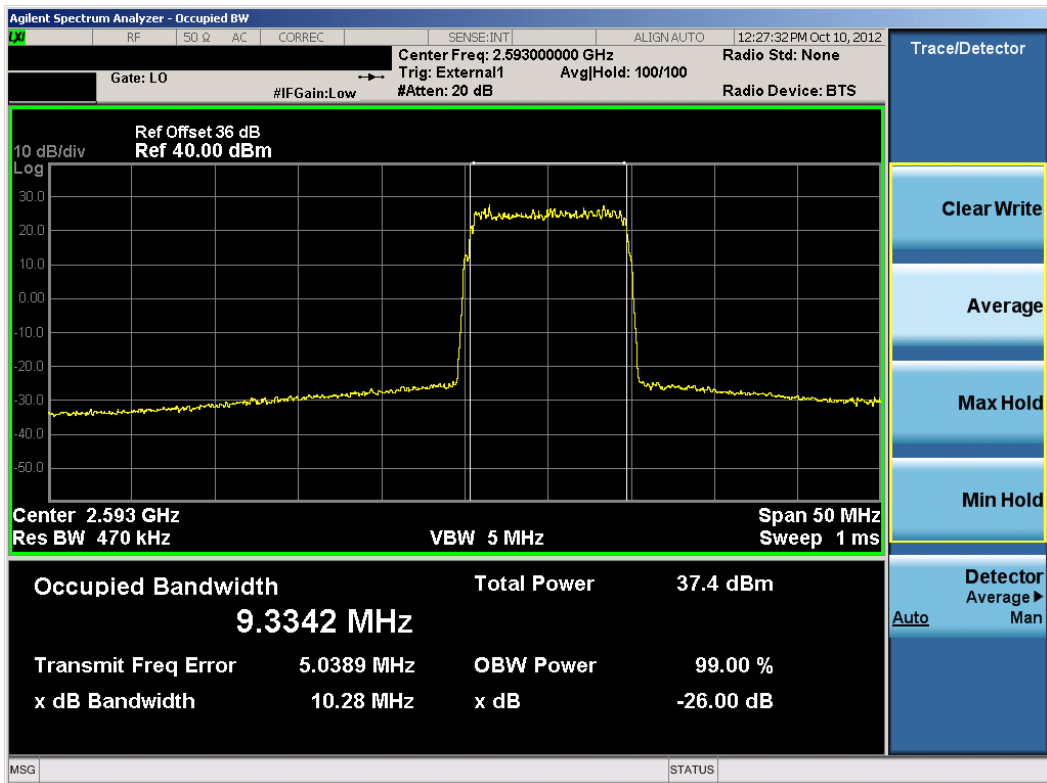


Plot 7-190. Upper Extended Channel Edge Plot (WiMAX Mode – Mid Channel)

FCC ID: A3LSLS-BD104Q1		FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 133 of 247

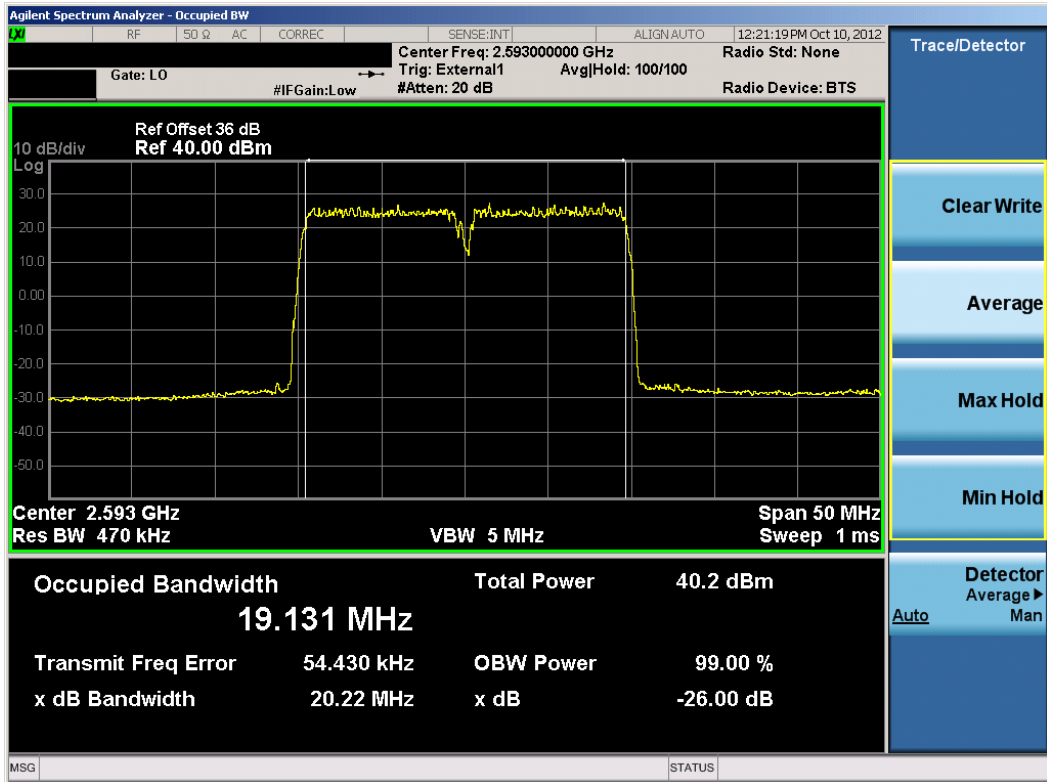


Plot 7-191. Lower Single Carrier Occupied Bandwidth Plot (WiMAX Mode – Mid Channel)

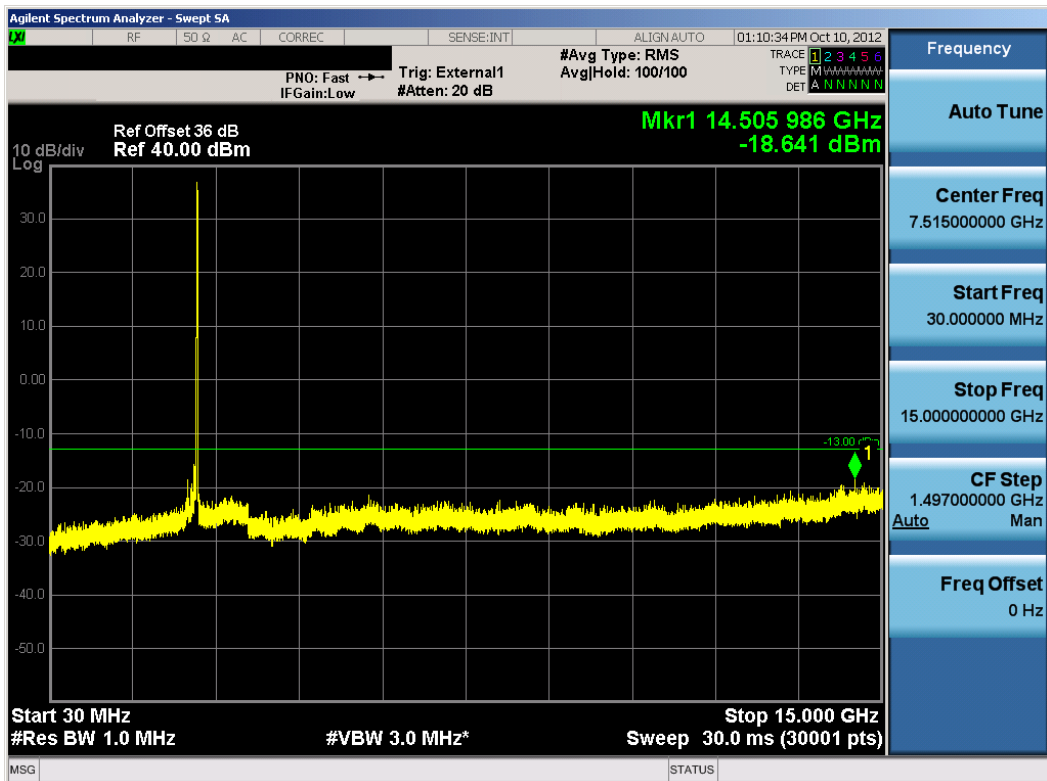


Plot 7-192. Upper Single Carrier Occupied Bandwidth Plot (WiMAX Mode – Mid Channel)

FCC ID: A3LSLS-BD104Q1		FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 134 of 247

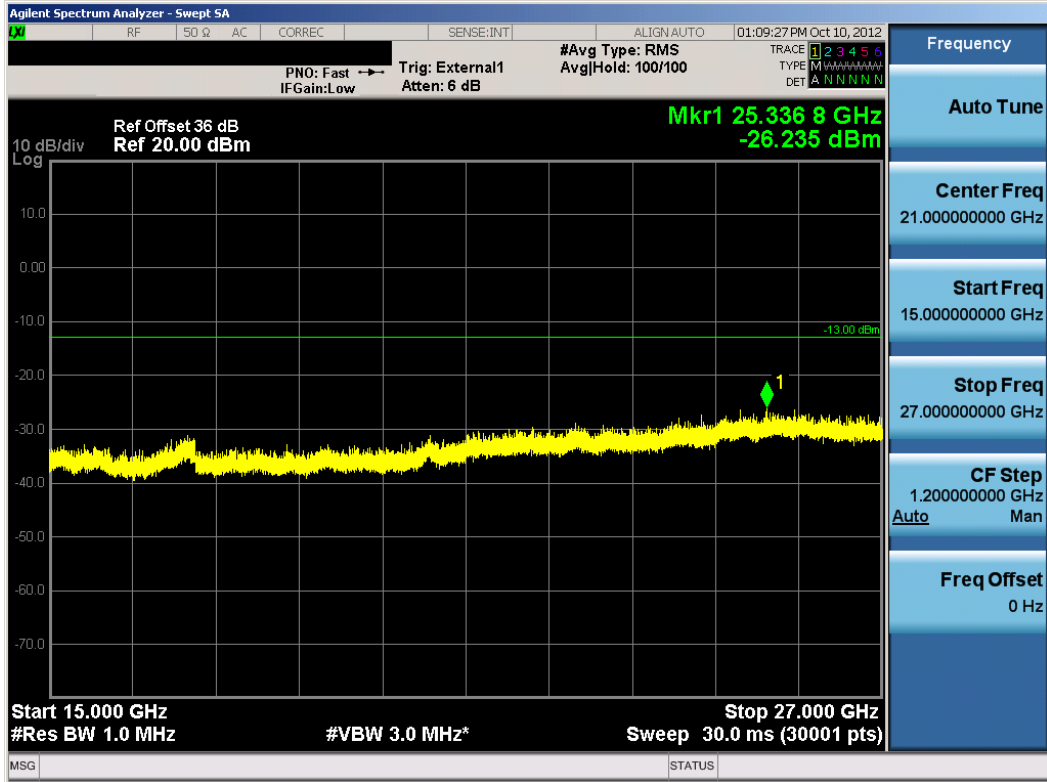


Plot 7-193. Dual Carrier Occupied Bandwidth Plot (WiMAX Mode – Mid Channel)

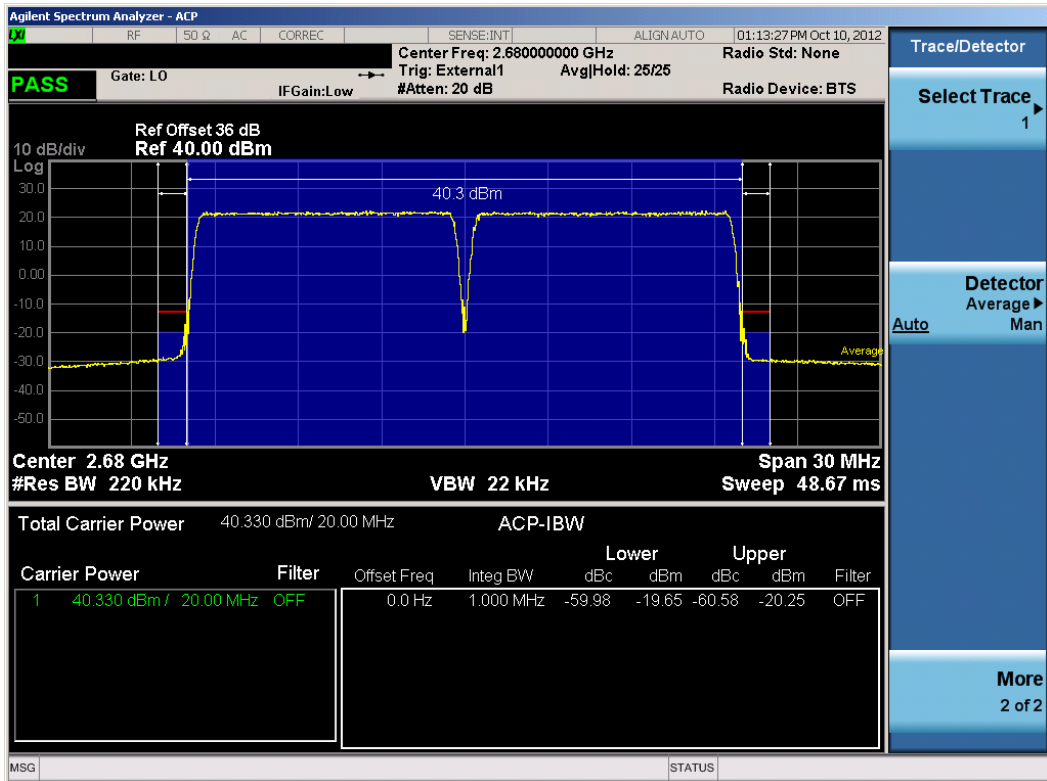


Plot 7-194. Conducted Spurious Plot (WiMAX Mode – High Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 135 of 247

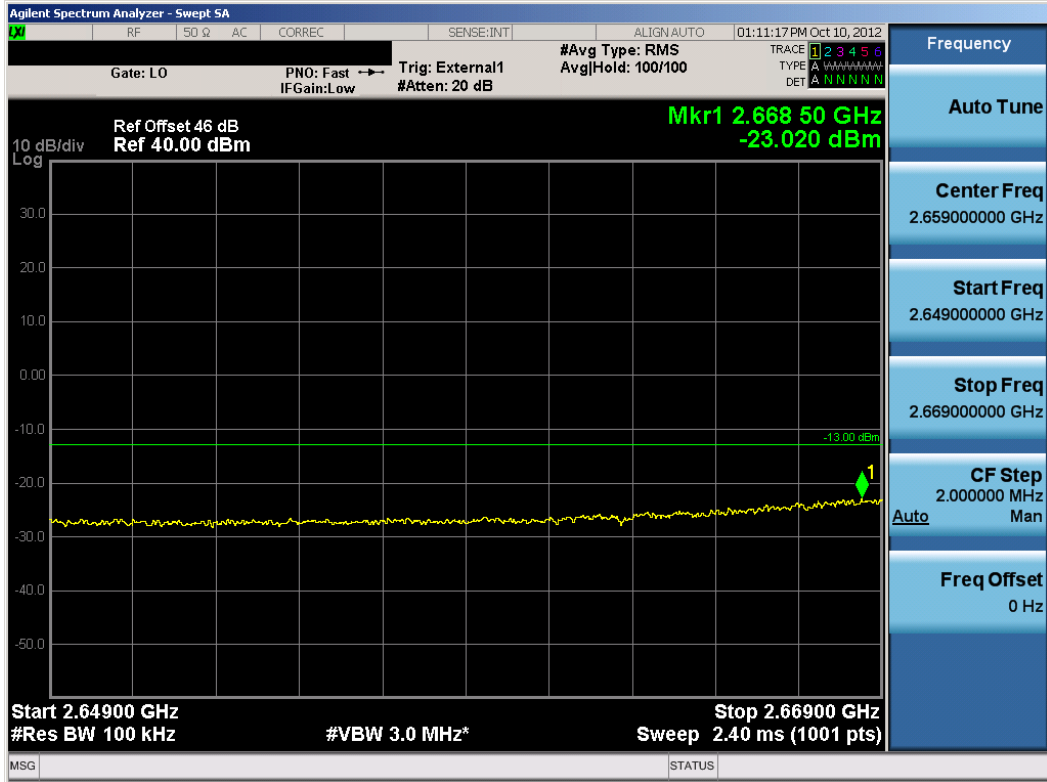


Plot 7-195. Conducted Spurious Plot (WiMAX Mode – High Channel)



Plot 7-196. Channel Edge Plot (WiMAX Mode – High Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 136 of 247

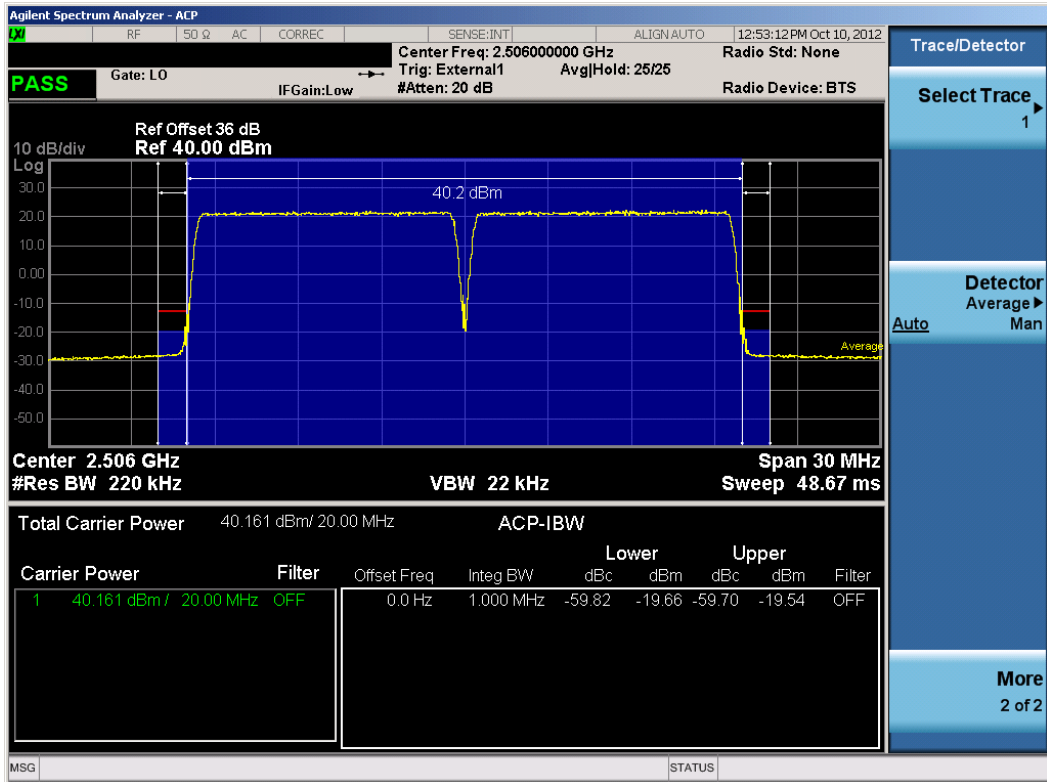


Plot 7-197. Lower Extended Channel Edge Plot (WiMAX Mode – High Channel)

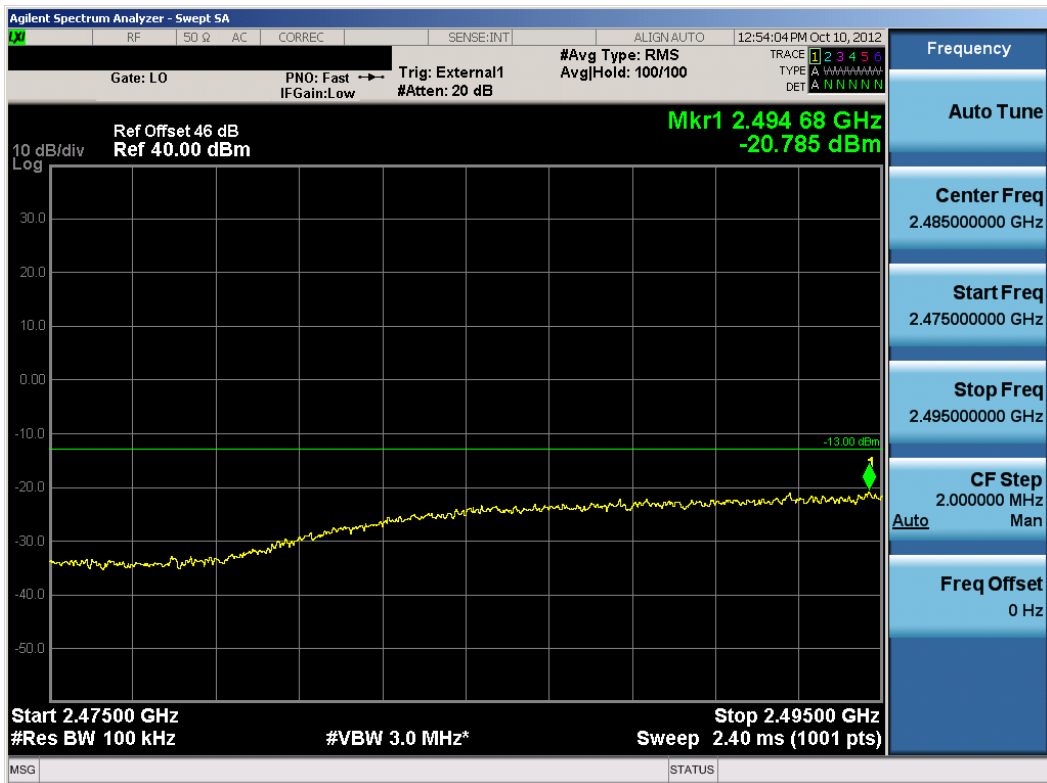


Plot 7-198. Upper Extended Channel Edge Plot (WiMAX Mode – High Channel)

FCC ID: A3LSLS-BD104Q1		FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 137 of 247

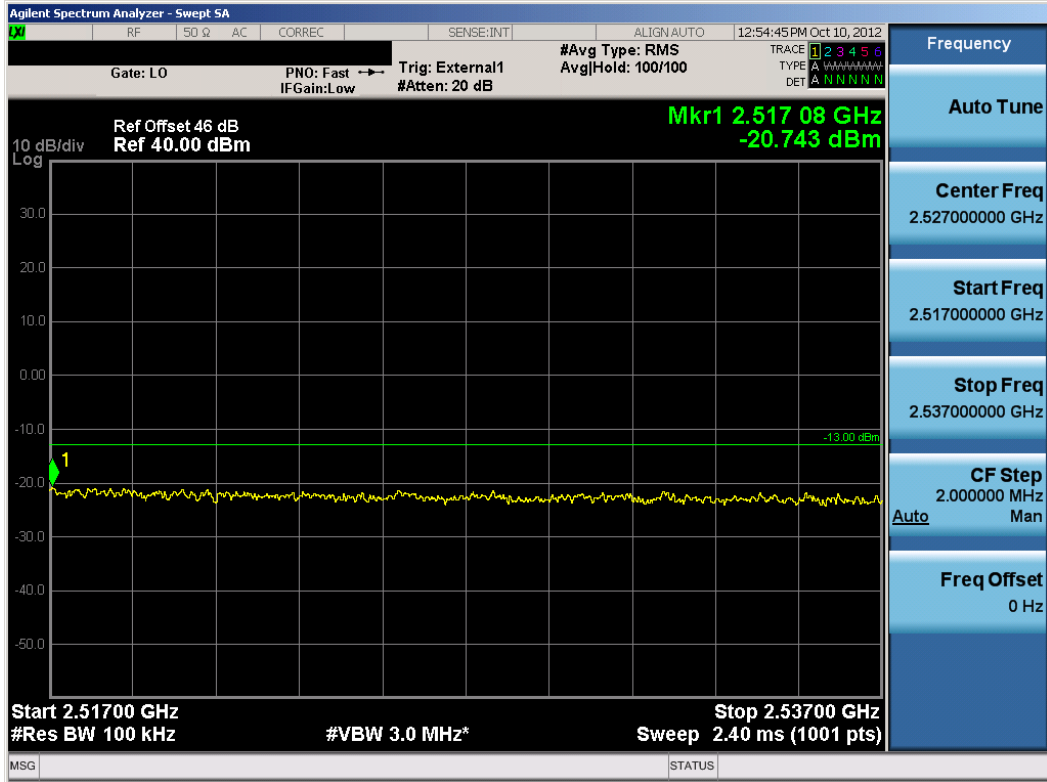


Plot 7-201. Channel Edge Plot (WiMAX Mode – Low Channel)

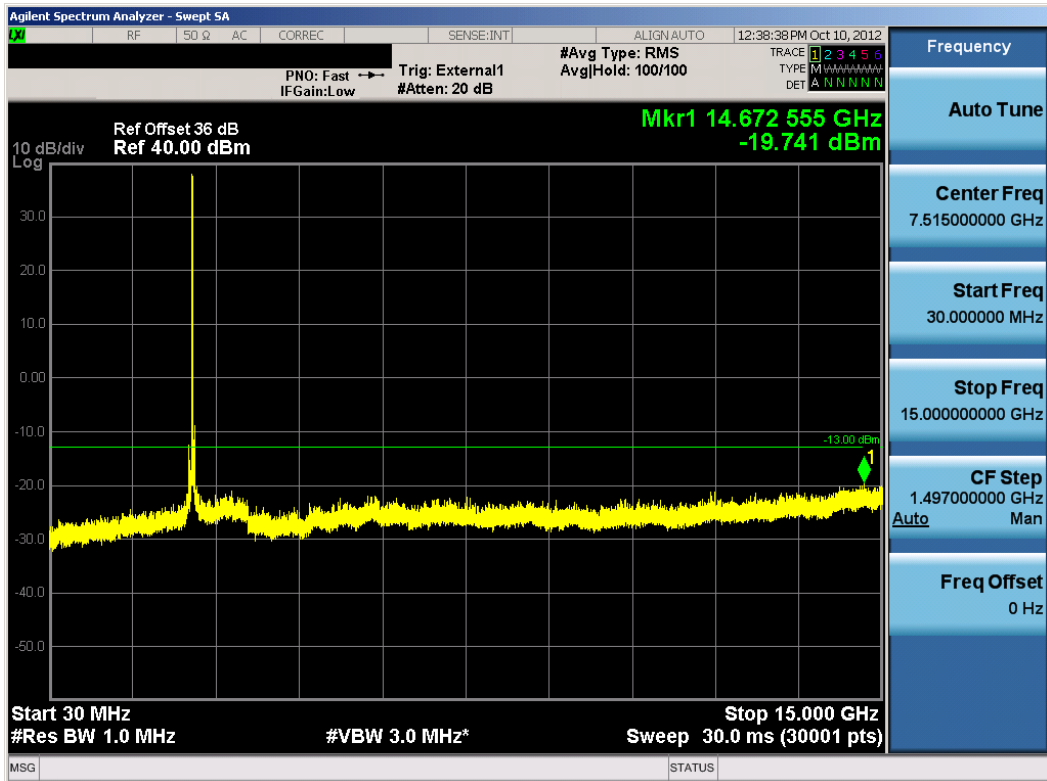


Plot 7-202. Lower Extended Channel Edge Plot (WiMAX Mode – Low Channel)

FCC ID: A3LSLS-BD104Q1		FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 139 of 247

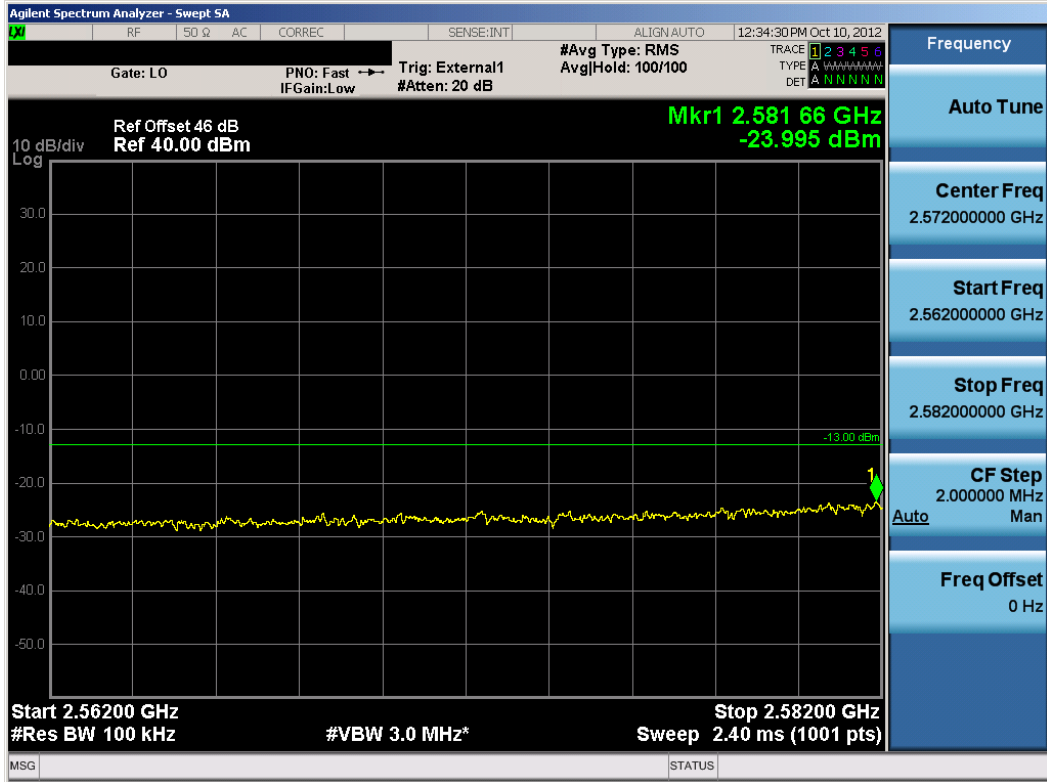


Plot 7-203. Upper Extended Channel Edge Plot (WiMAX Mode – Low Channel)

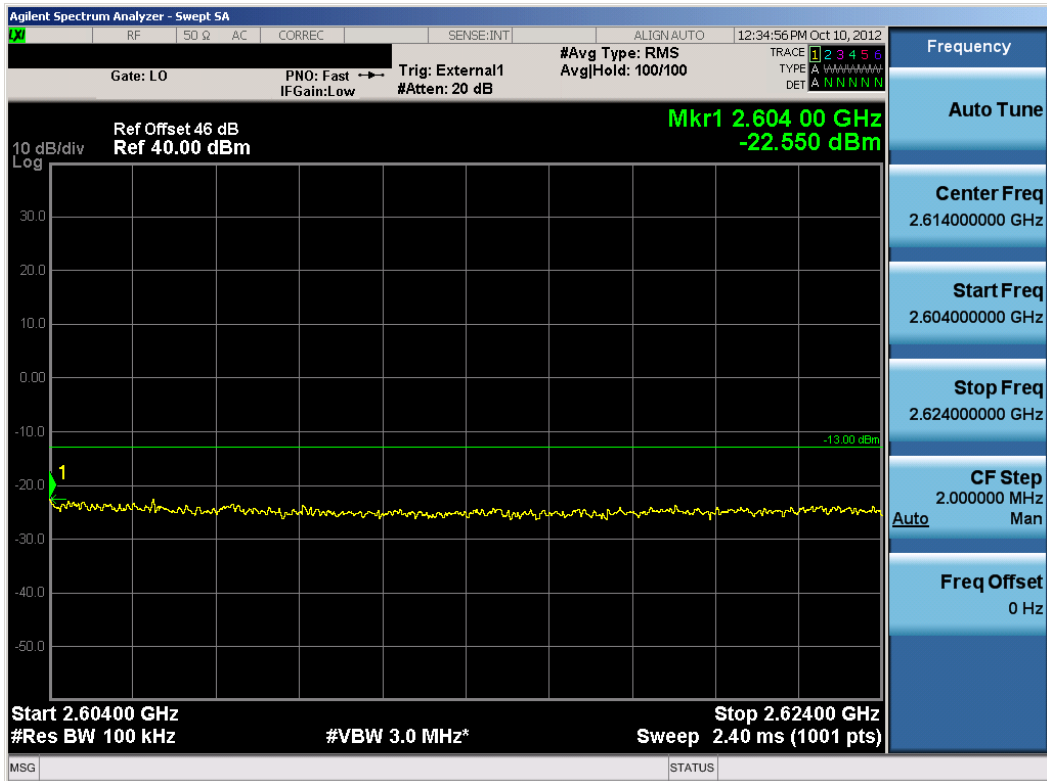


Plot 7-204. Conducted Spurious Plot (WiMAX Mode – Mid Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 140 of 247

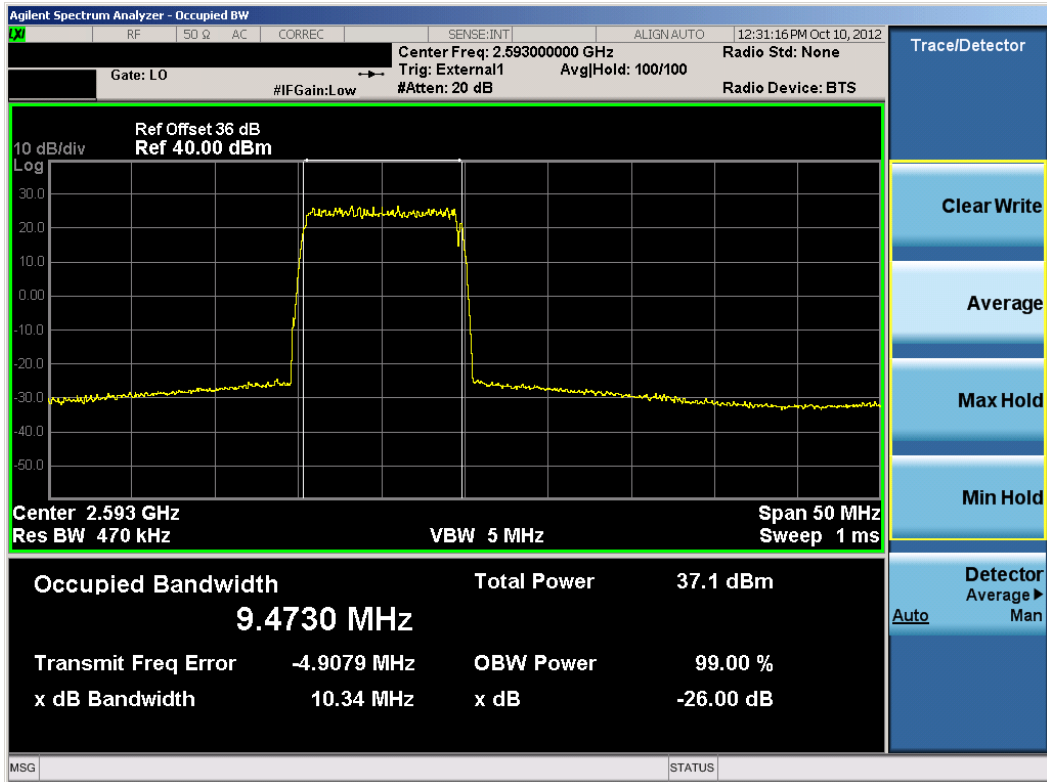


Plot 7-207. Lower Extended Channel Edge Plot (WiMAX Mode – Mid Channel)

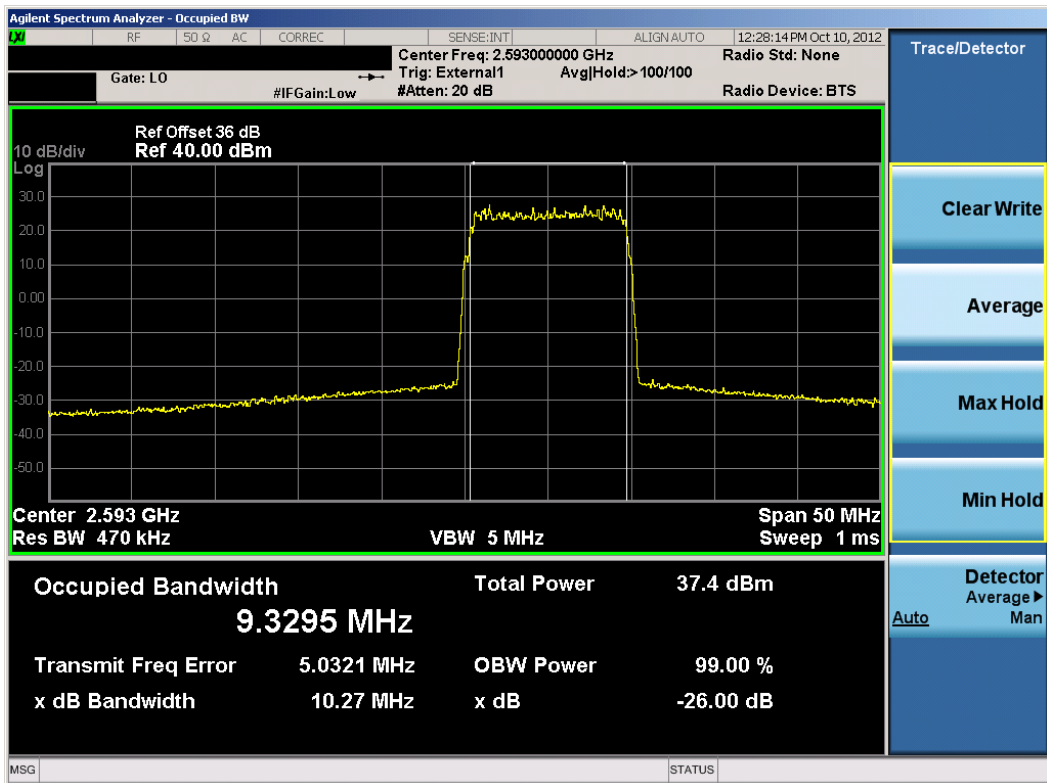


Plot 7-208. Upper Extended Channel Edge Plot (WiMAX Mode – Mid Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 142 of 247

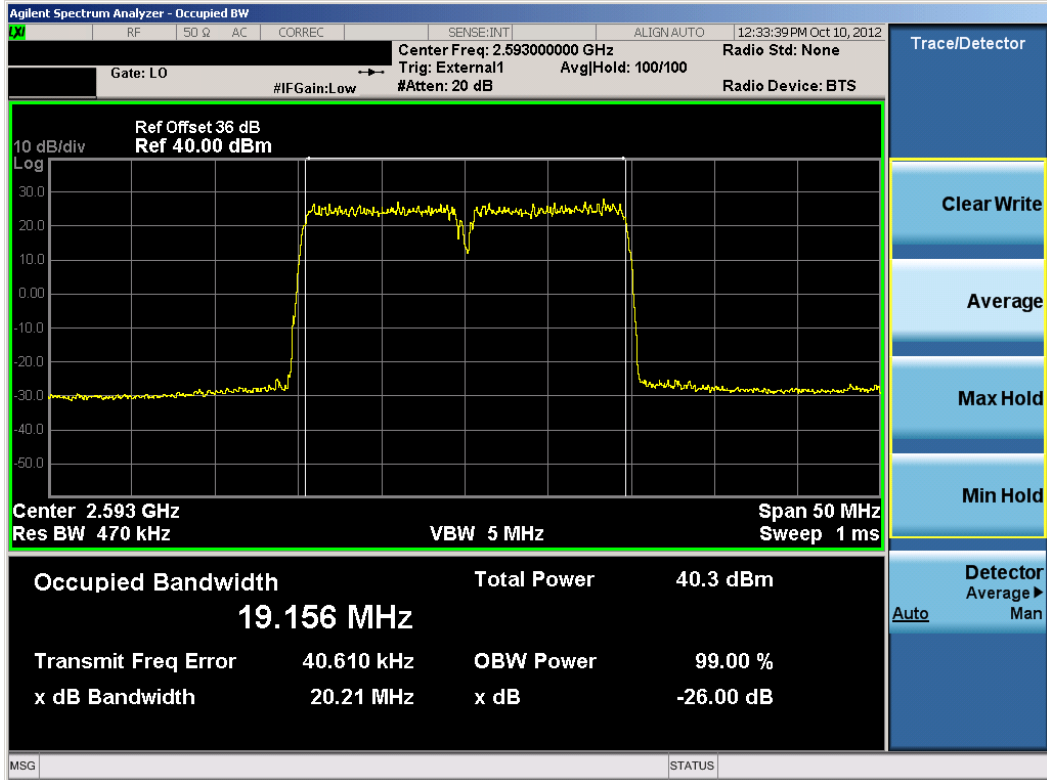


Plot 7-209. Lower Single Carrier Occupied Bandwidth Plot (WiMAX Mode – Mid Channel)

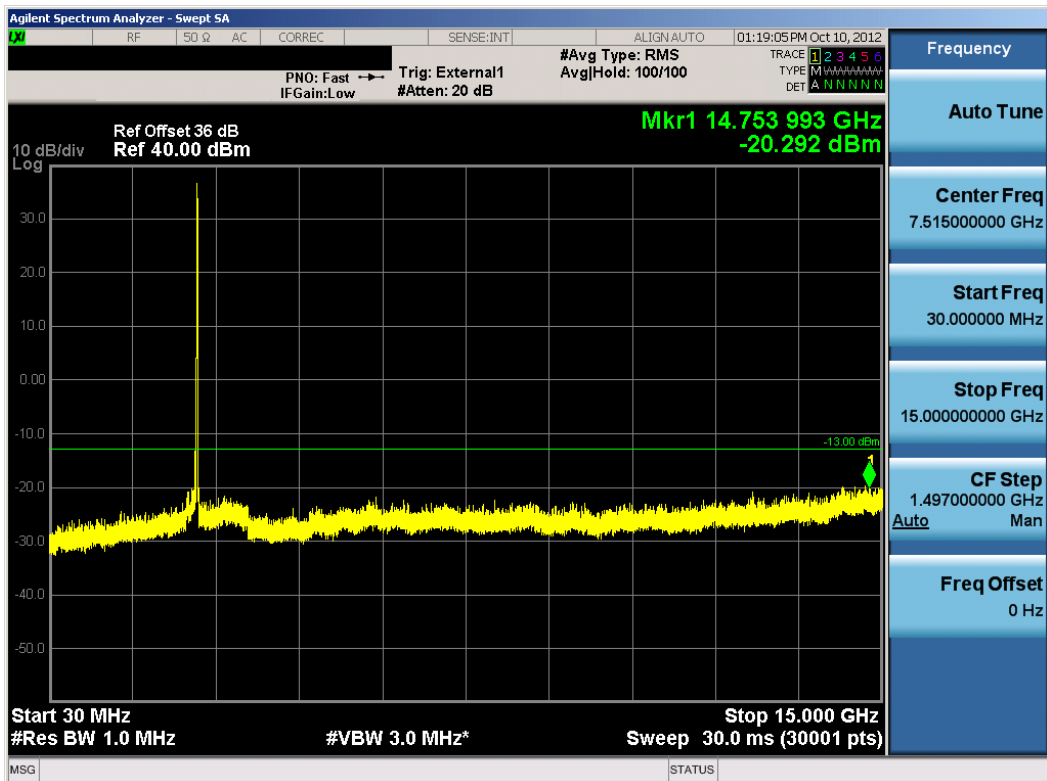


Plot 7-210. Upper Single Carrier Occupied Bandwidth Plot (WiMAX Mode – Mid Channel)

FCC ID: A3LSLS-BD104Q1		FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 143 of 247

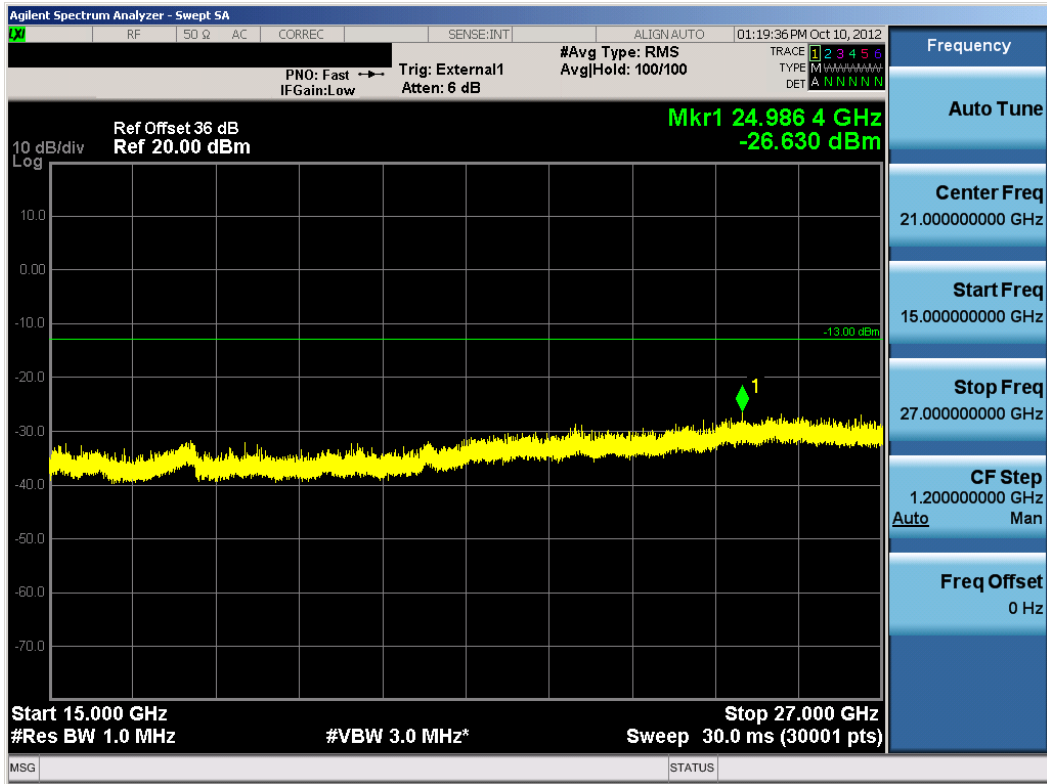


Plot 7-211. Dual Carrier Occupied Bandwidth Plot (WiMAX Mode – Mid Channel)

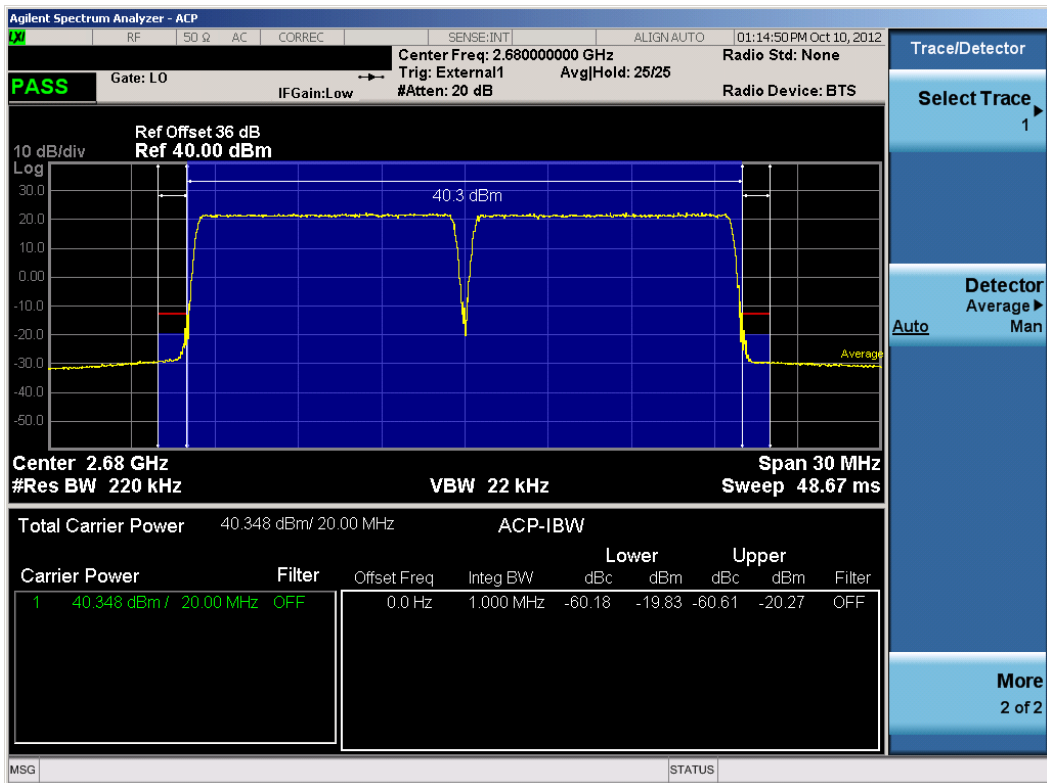


Plot 7-212. Conducted Spurious Plot (WiMAX Mode – High Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 144 of 247

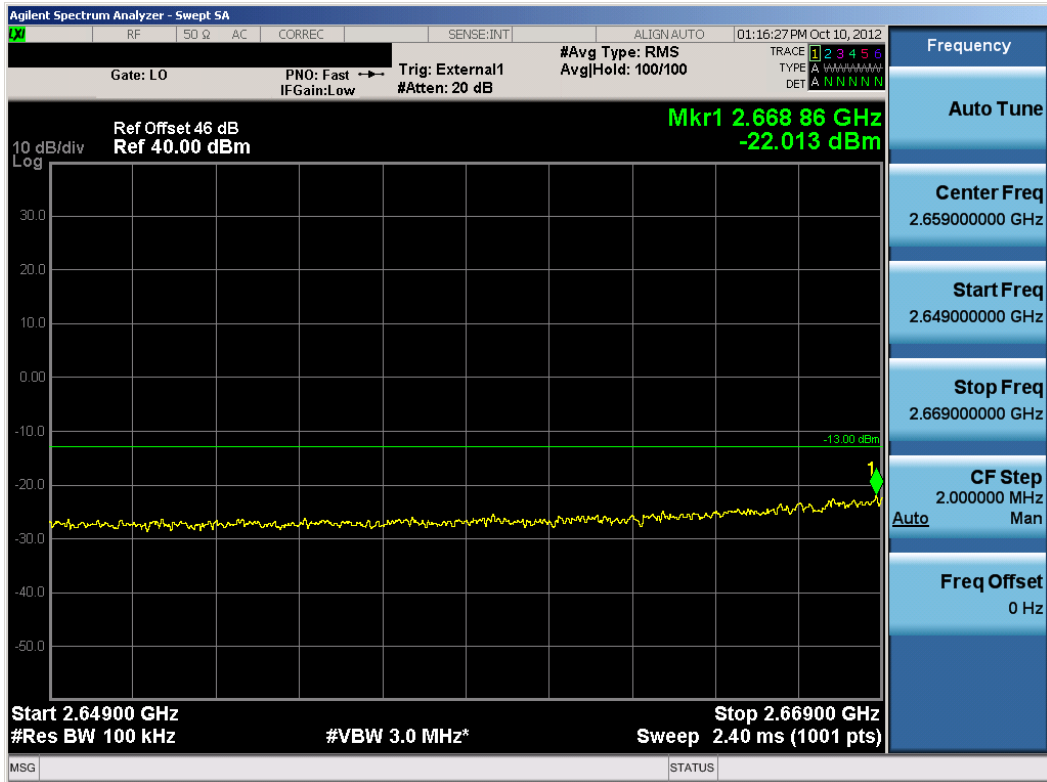


Plot 7-213. Conducted Spurious Plot (WiMAX Mode – High Channel)

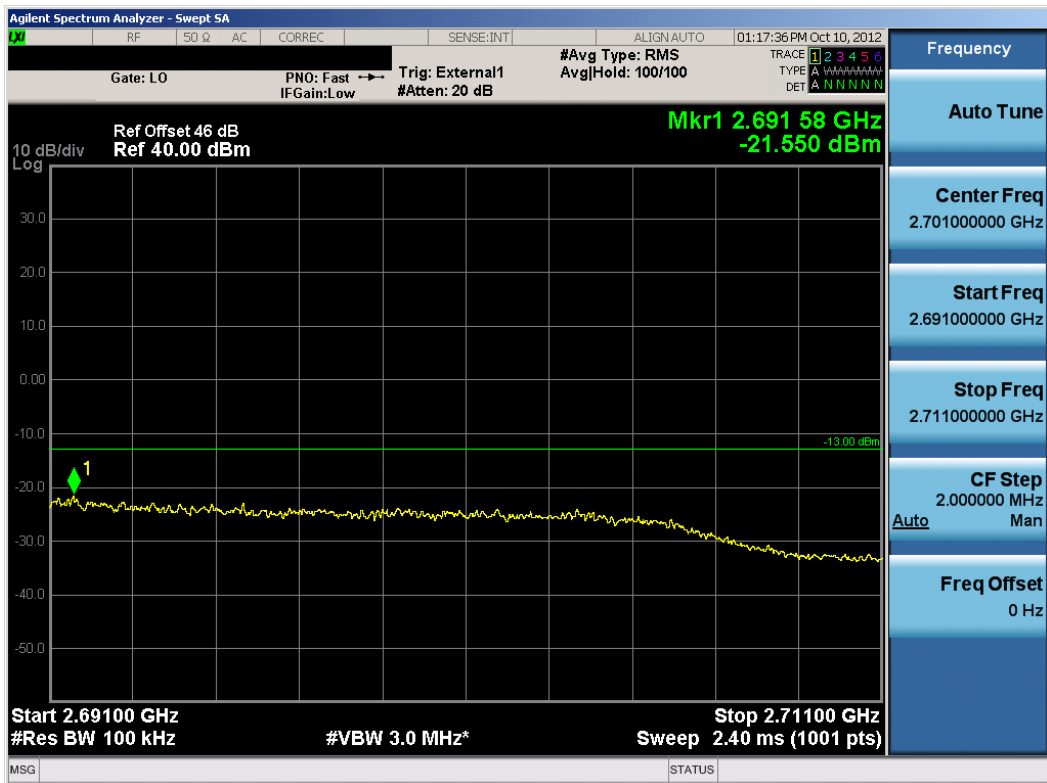


Plot 7-214. Channel Edge Plot (WiMAX Mode – High Channel)

FCC ID: A3LSLS-BD104Q1		FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 145 of 247



Plot 7-215. Lower Extended Channel Edge Plot (WiMAX Mode – High Channel)



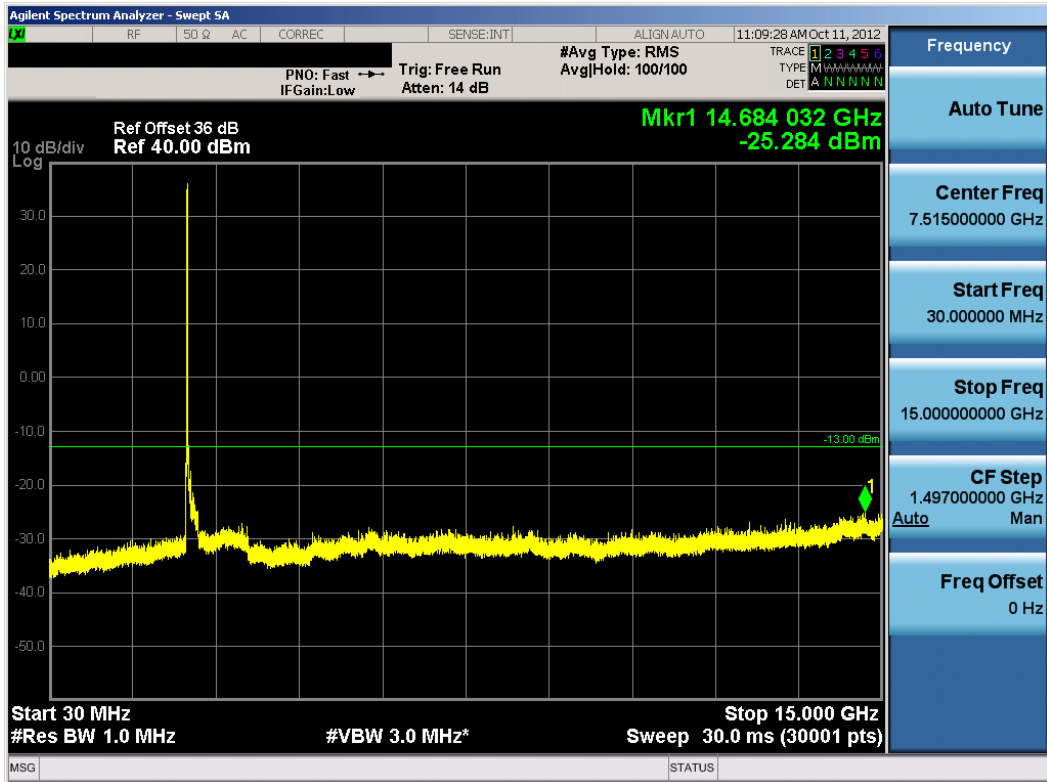
Plot 7-216. Upper Extended Channel Edge Plot (WiMAX Mode – High Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 146 of 247

8.0 PLOT(S) OF EMISSIONS – TD-LTE

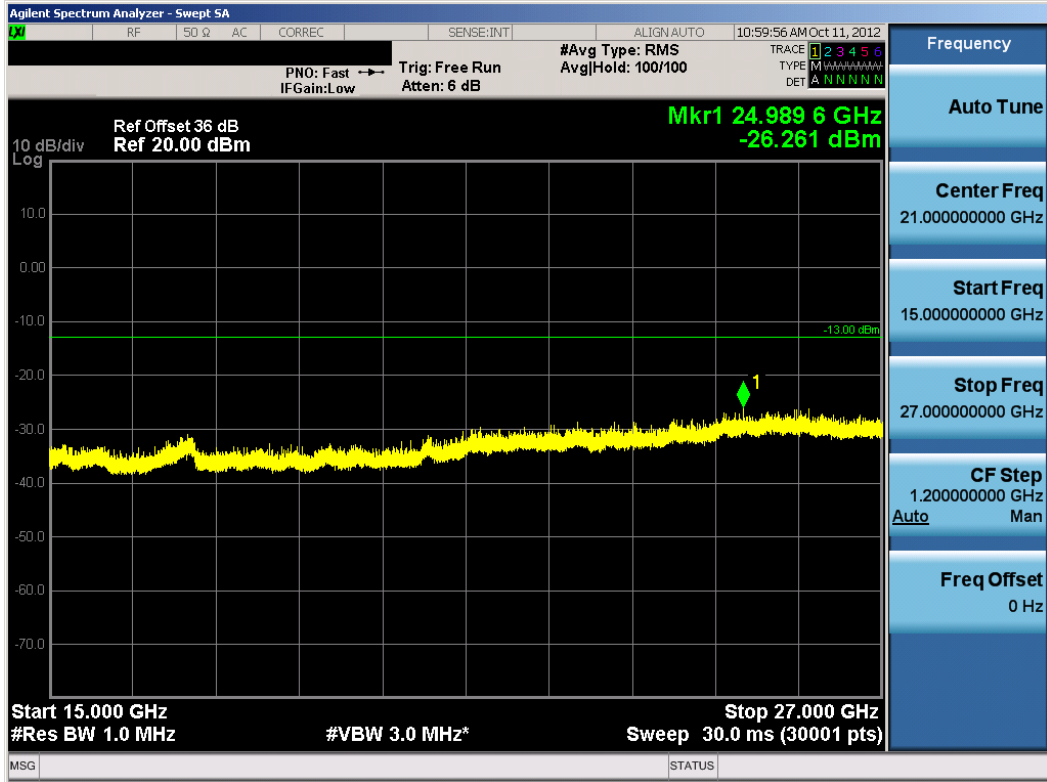
8.1 RF Port 0 (TD-LTE)

QPSK Modulation

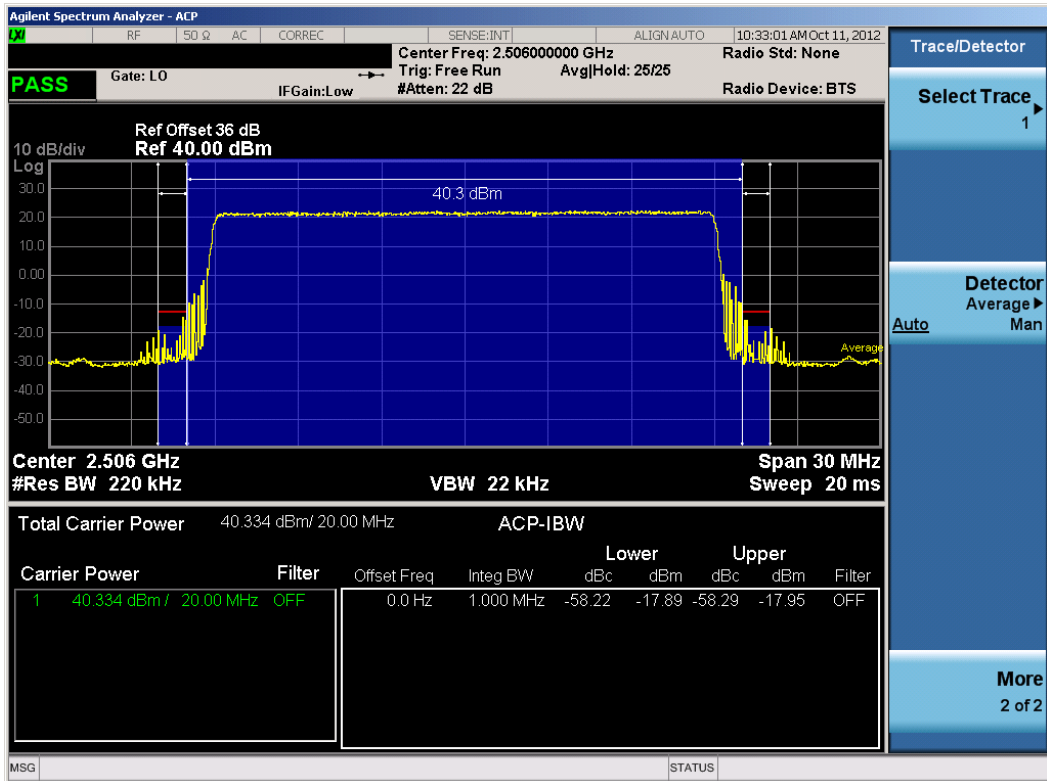


Plot 8-1. Conducted Spurious Plot (TD-LTE Mode – Low Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 147 of 247

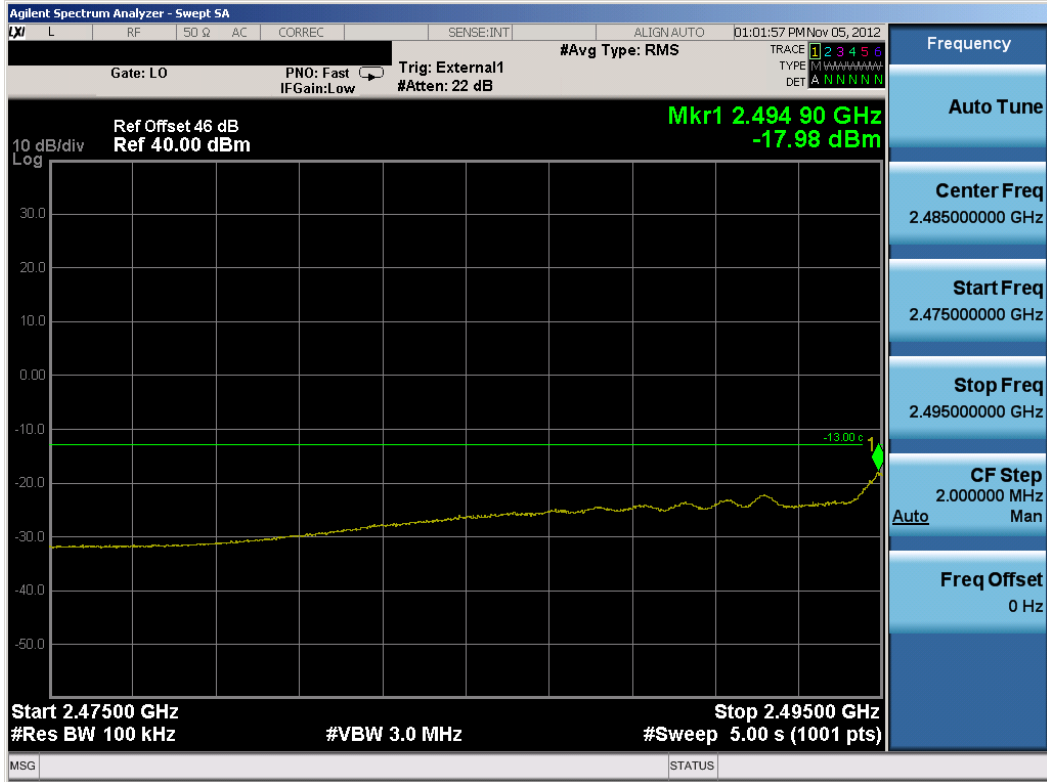


Plot 8-2. Conducted Spurious Plot (TD-LTE Mode – Low Channel)

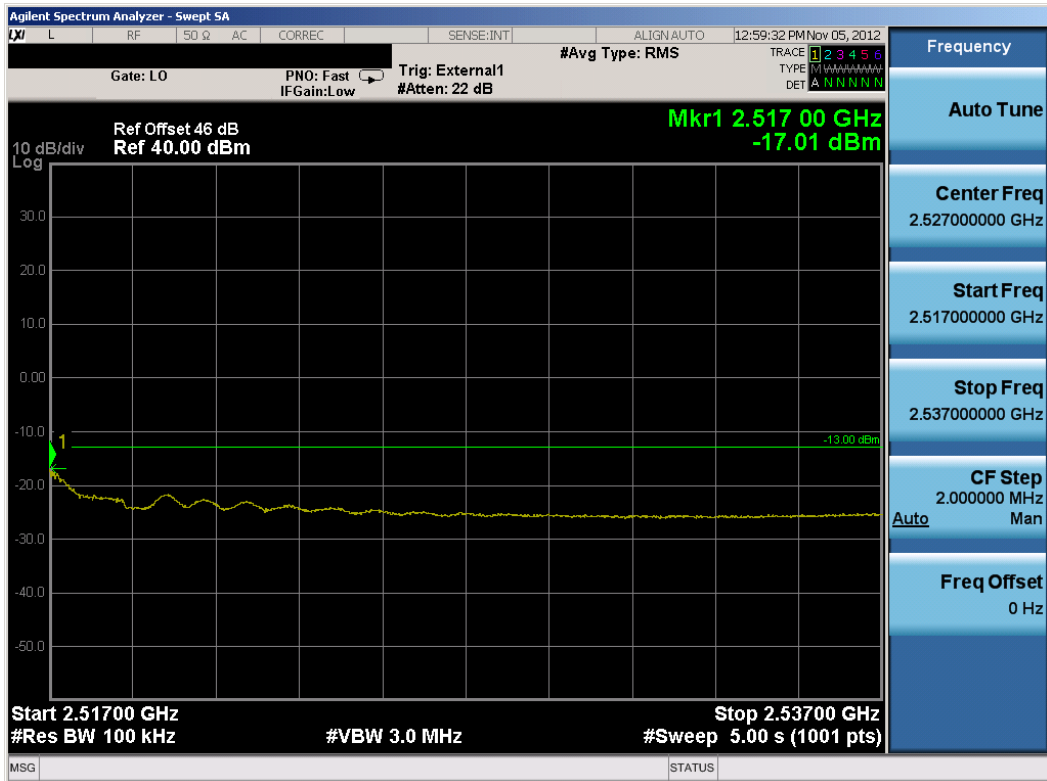


Plot 8-3. Channel Edge Plot (TD-LTE Mode – Low Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 148 of 247

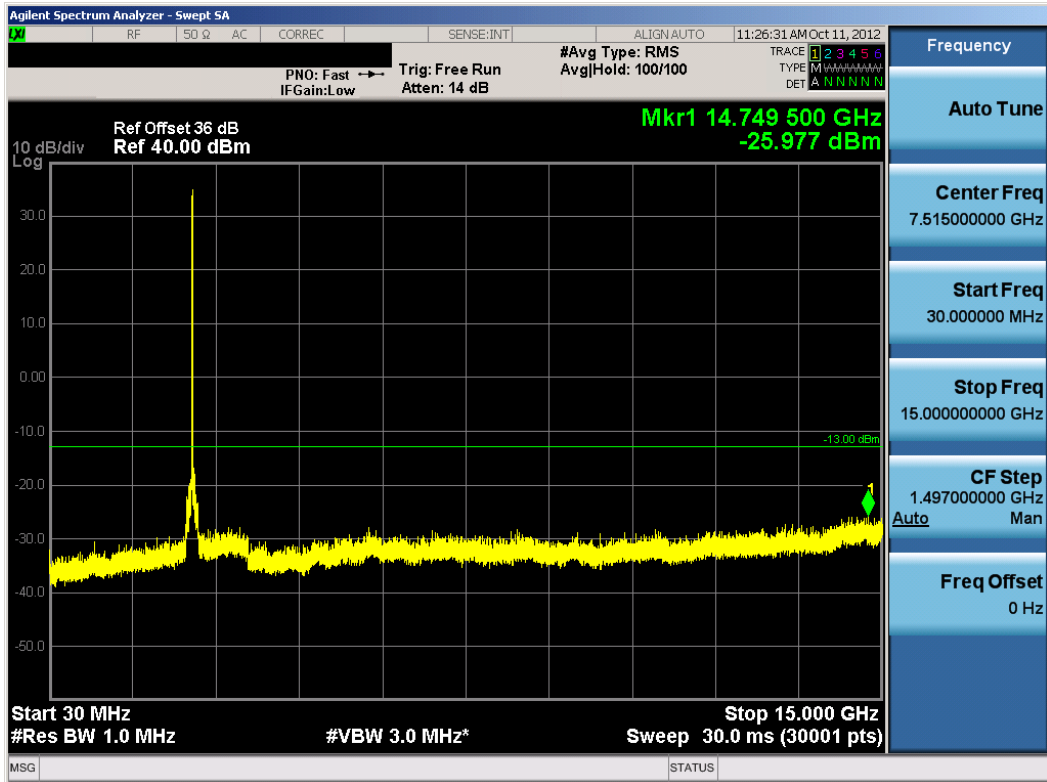


Plot 8-4. Lower Extended Channel Edge Plot (TD-LTE Mode – Low Channel)

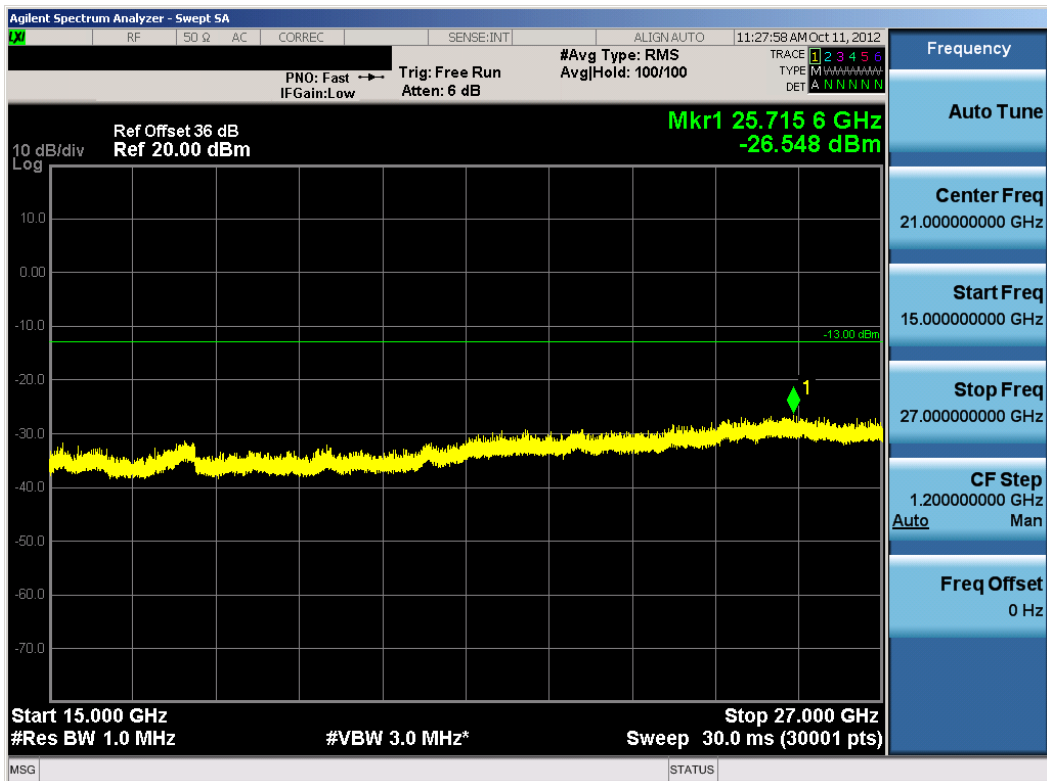


Plot 8-5. Upper Extended Channel Edge Plot (TD-LTE Mode – Low Channel)

FCC ID: A3LSLS-BD104Q1		FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 149 of 247

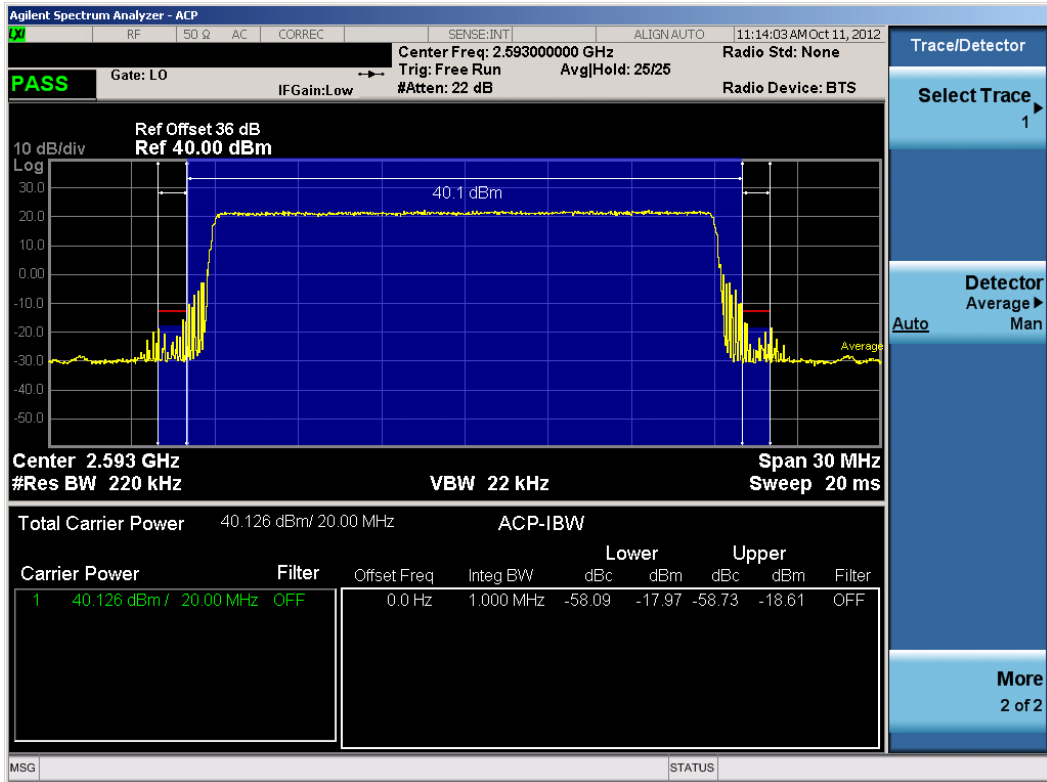


Plot 8-6. Conducted Spurious Plot (TD-LTE Mode – Mid Channel)



Plot 8-7. Conducted Spurious Plot (TD-LTE Mode – Mid Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 150 of 247

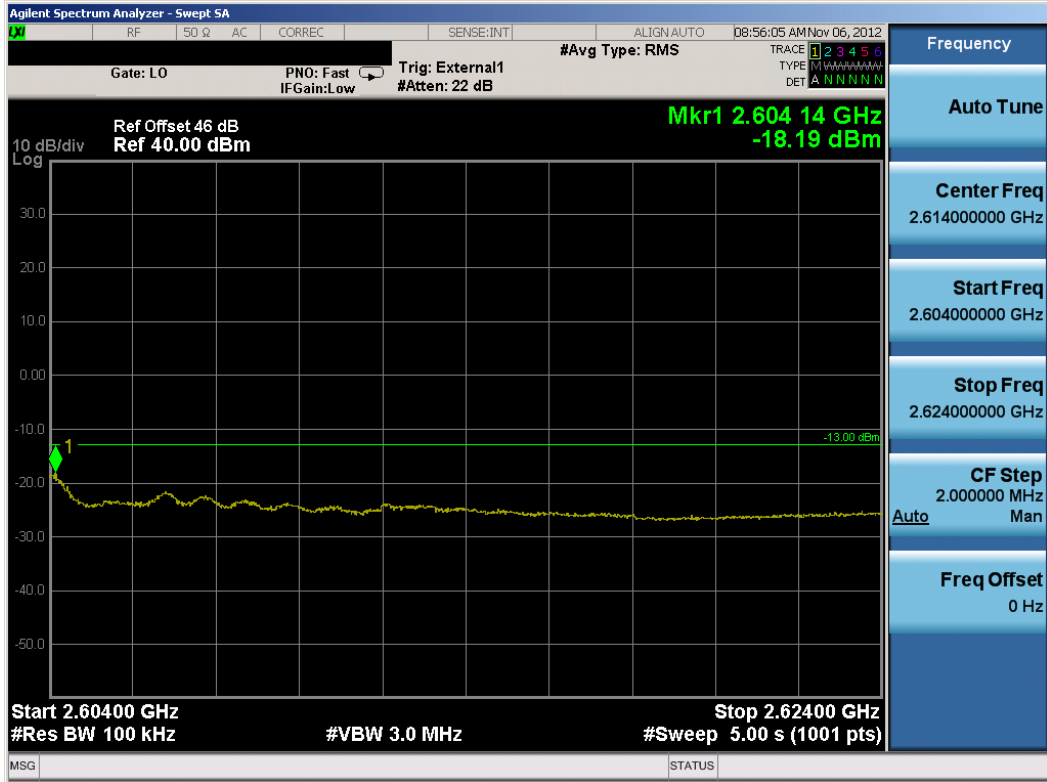


Plot 8-8. Channel Edge Plot (TD-LTE Mode – Mid Channel)

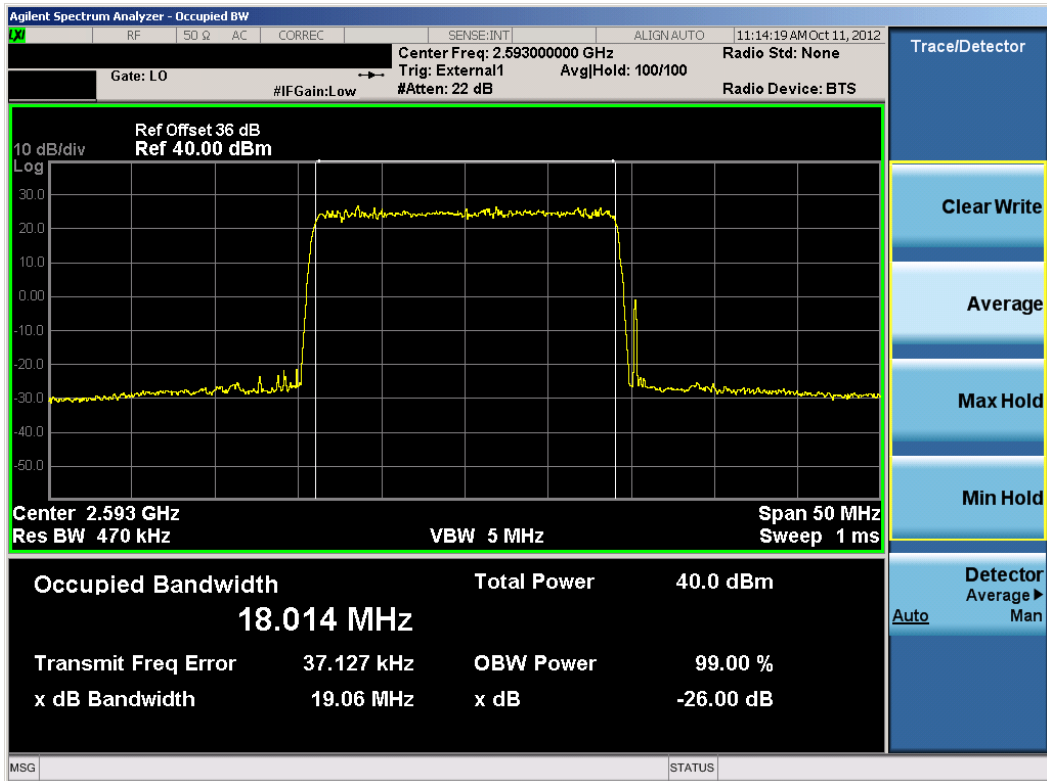


Plot 8-9. Lower Extended Channel Edge Plot (TD-LTE Mode – Mid Channel)

FCC ID: A3LSLS-BD104Q1		FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 151 of 247

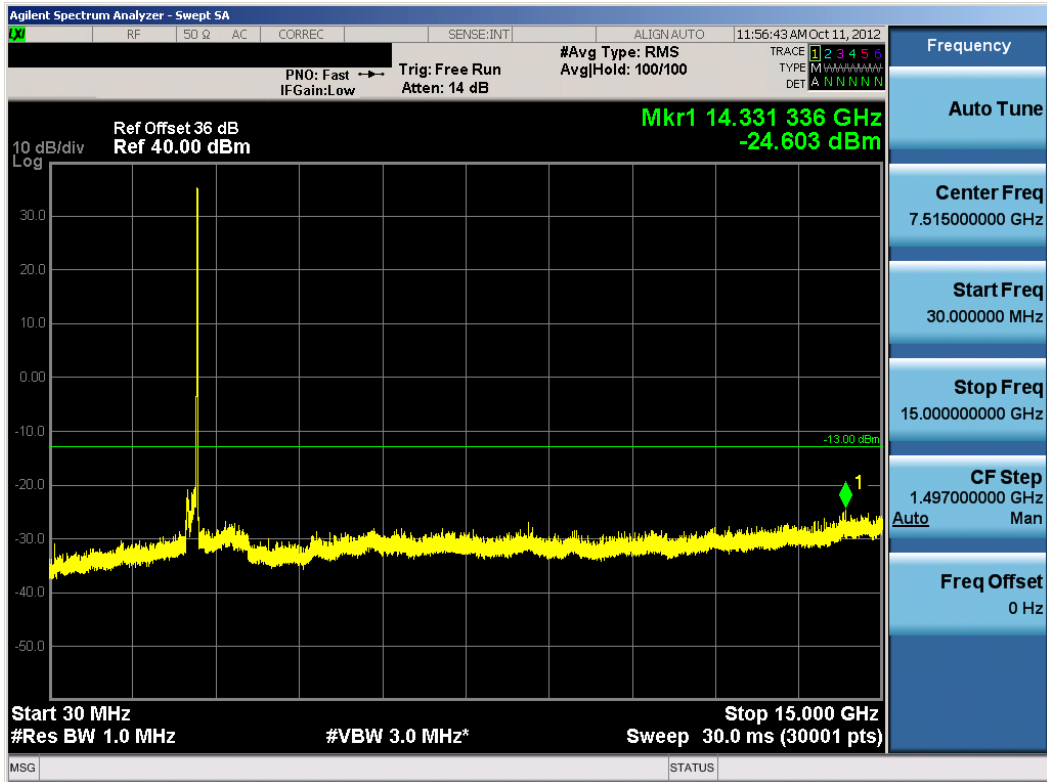


Plot 8-10. Upper Extended Channel Edge Plot (TD-LTE Mode – Mid Channel)

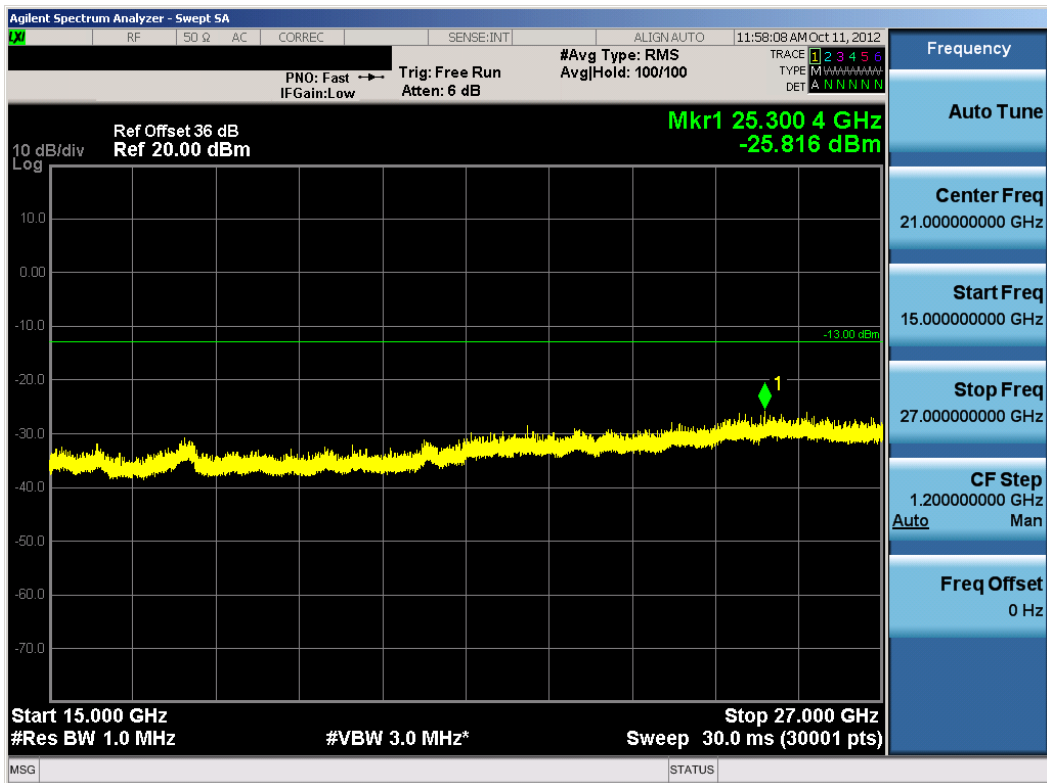


Plot 8-11. Occupied Bandwidth Plot (TD-LTE Mode – Mid Channel)

FCC ID: A3LSLS-BD104Q1		FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 152 of 247

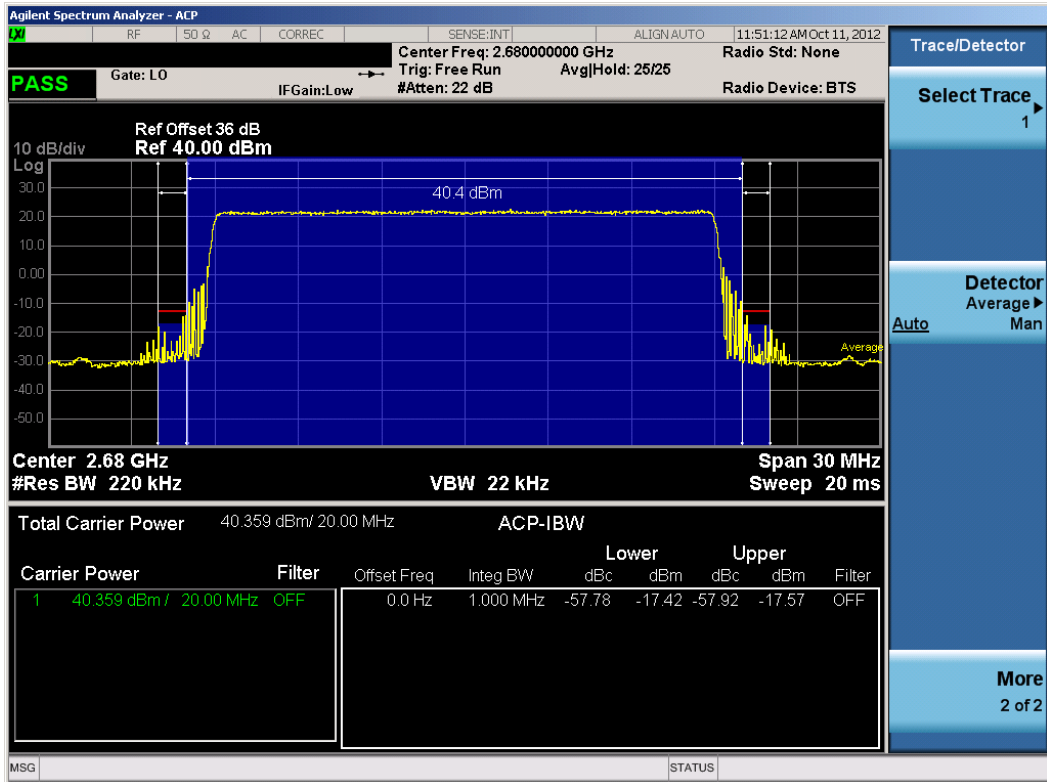


Plot 8-12. Conducted Spurious Plot (TD-LTE Mode – High Channel)

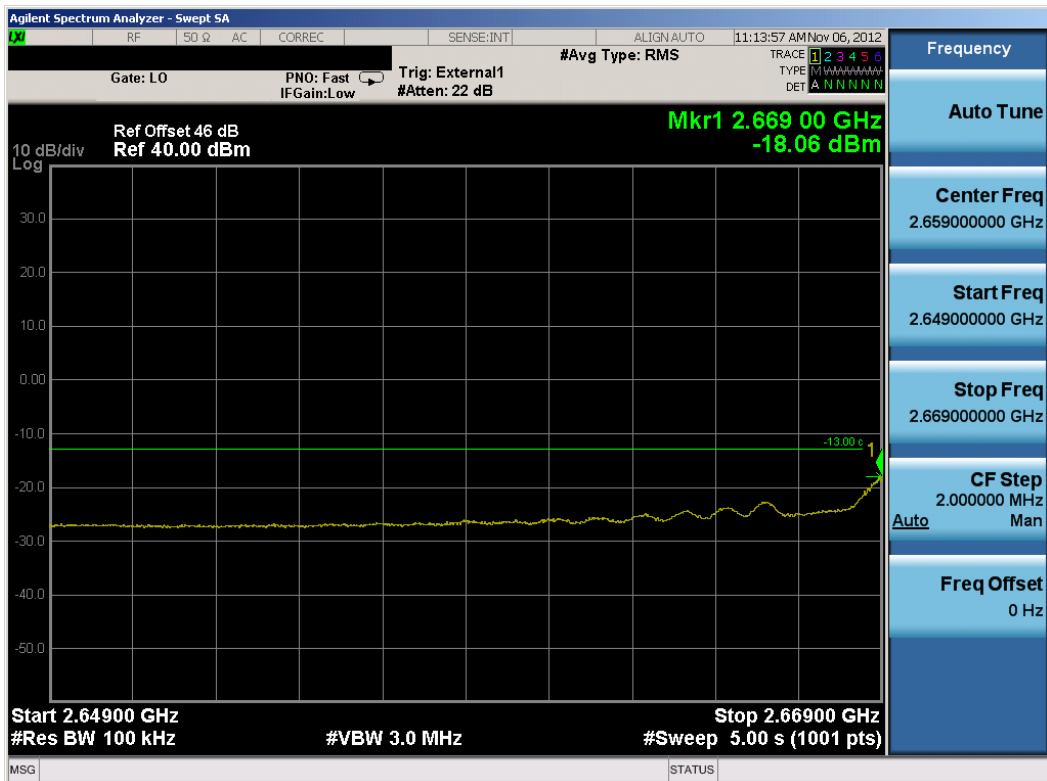


Plot 8-13. Conducted Spurious Plot (TD-LTE Mode – High Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
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Plot 8-14. Channel Edge Plot (TD-LTE Mode – High Channel)



Plot 8-15. Lower Extended Channel Edge Plot (TD-LTE Mode – High Channel)

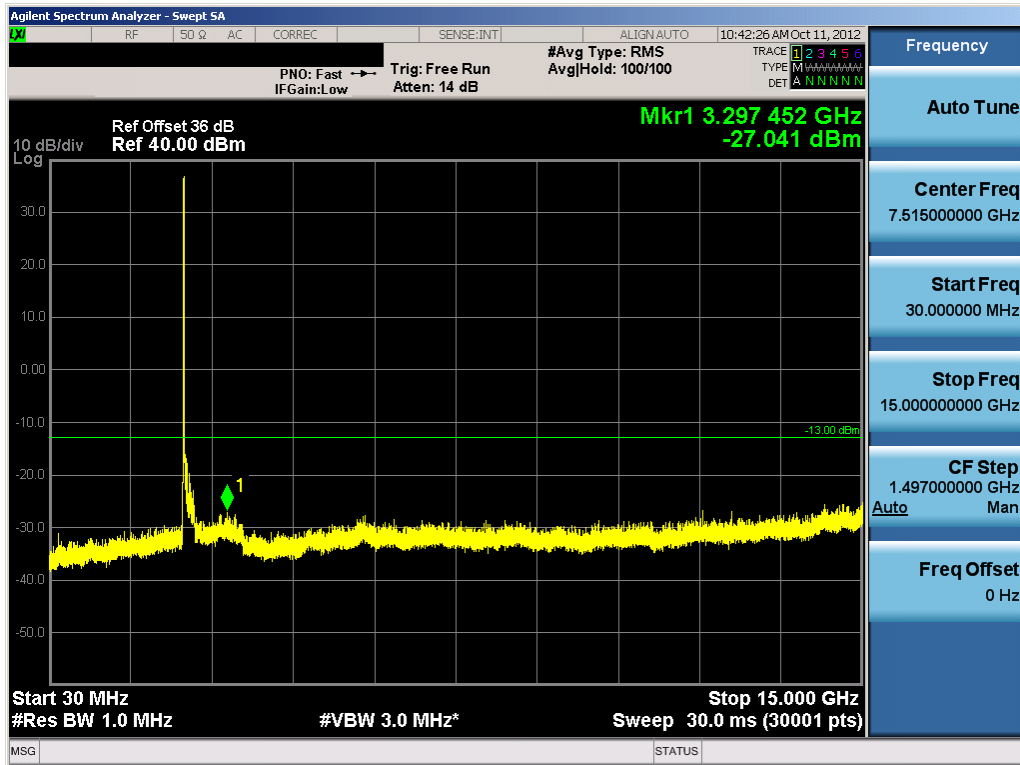
FCC ID: A3LSLS-BD104Q1		FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 154 of 247



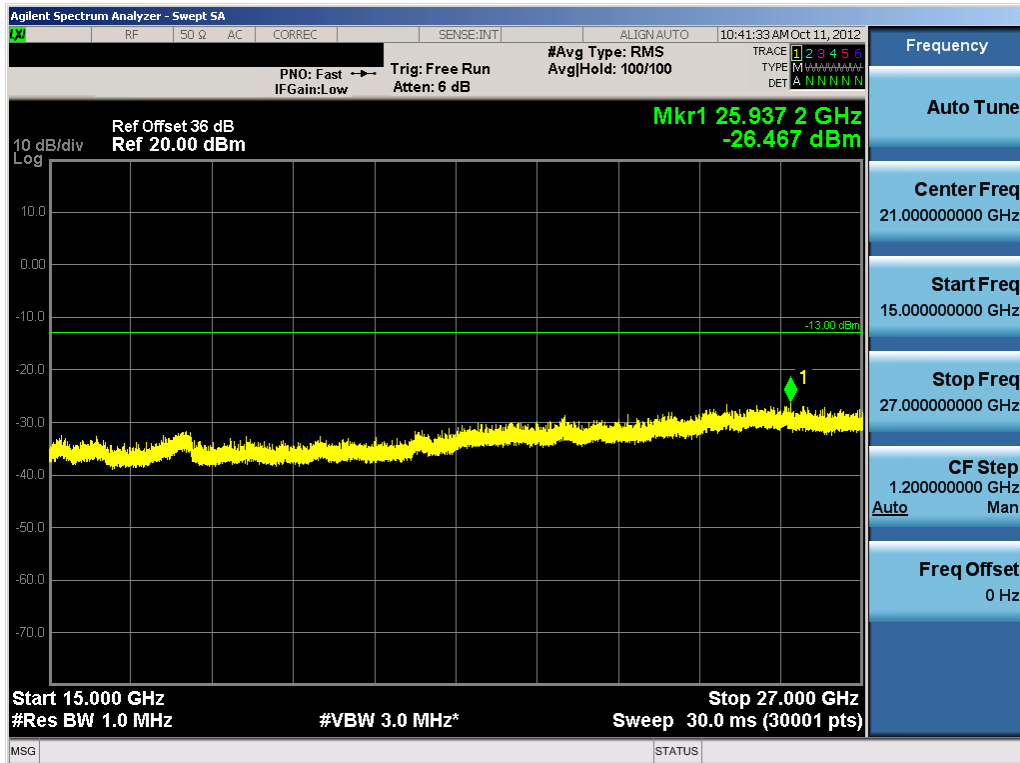
Plot 8-16. Upper Extended Channel Edge Plot (TD-LTE Mode – High Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 155 of 247

16-QAM Modulation

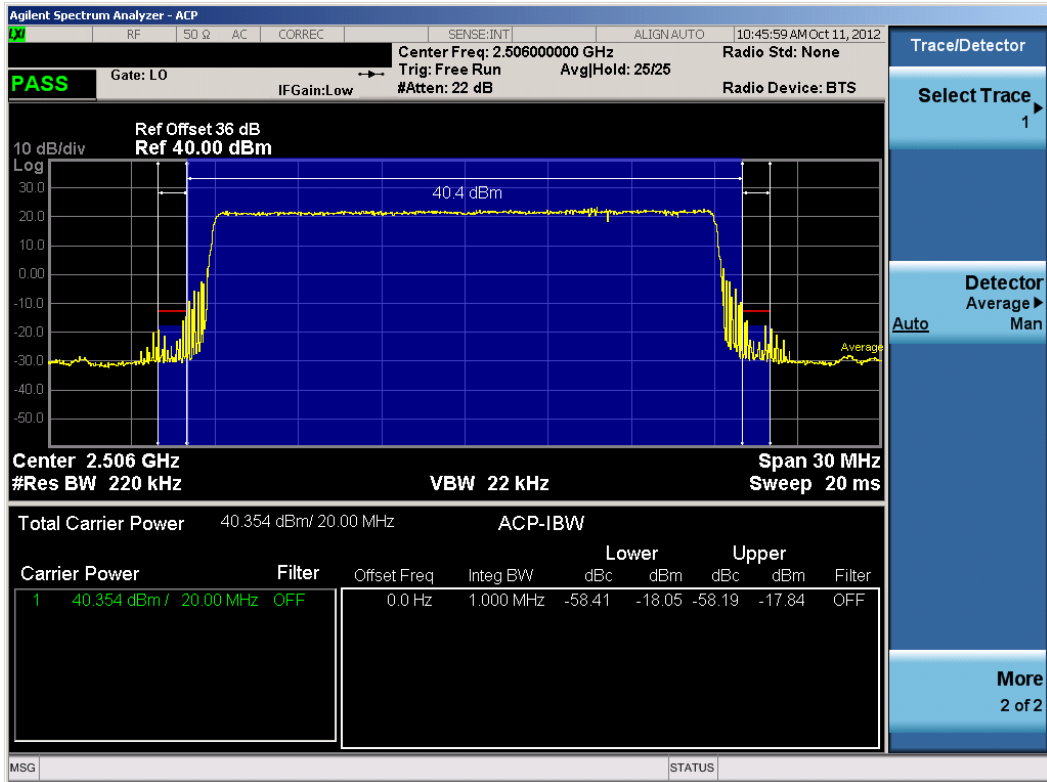


Plot 8-17. Conducted Spurious Plot (TD-LTE Mode – Low Channel)

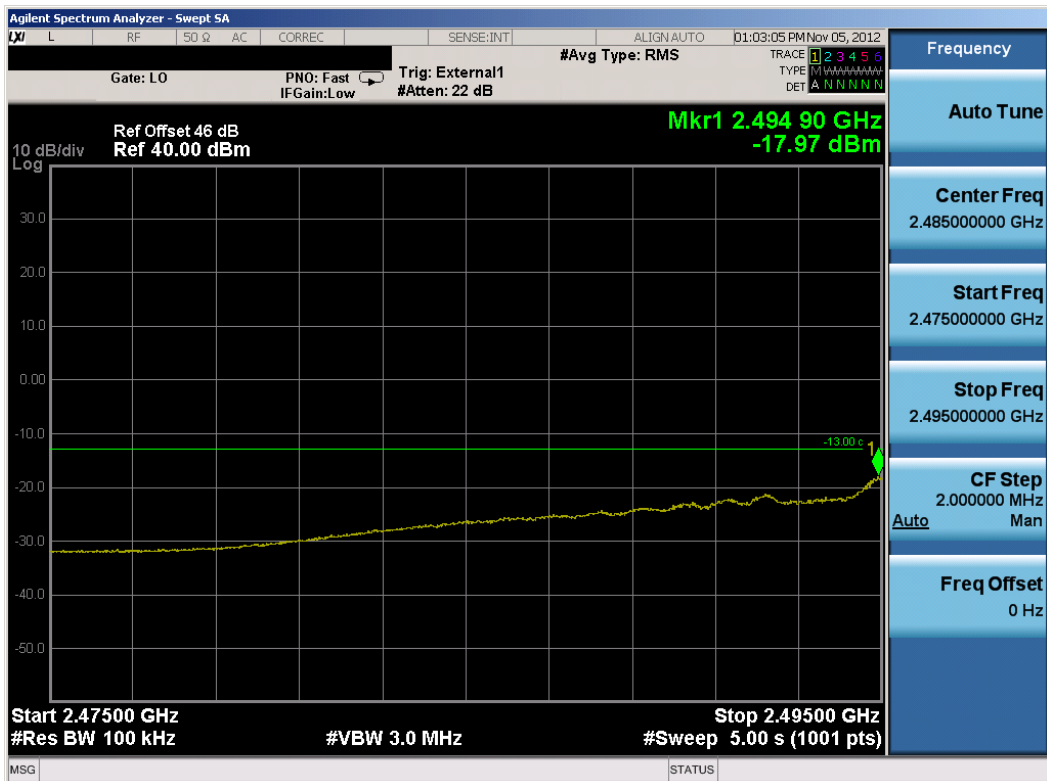


Plot 8-18. Conducted Spurious Plot (TD-LTE Mode – Low Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 156 of 247

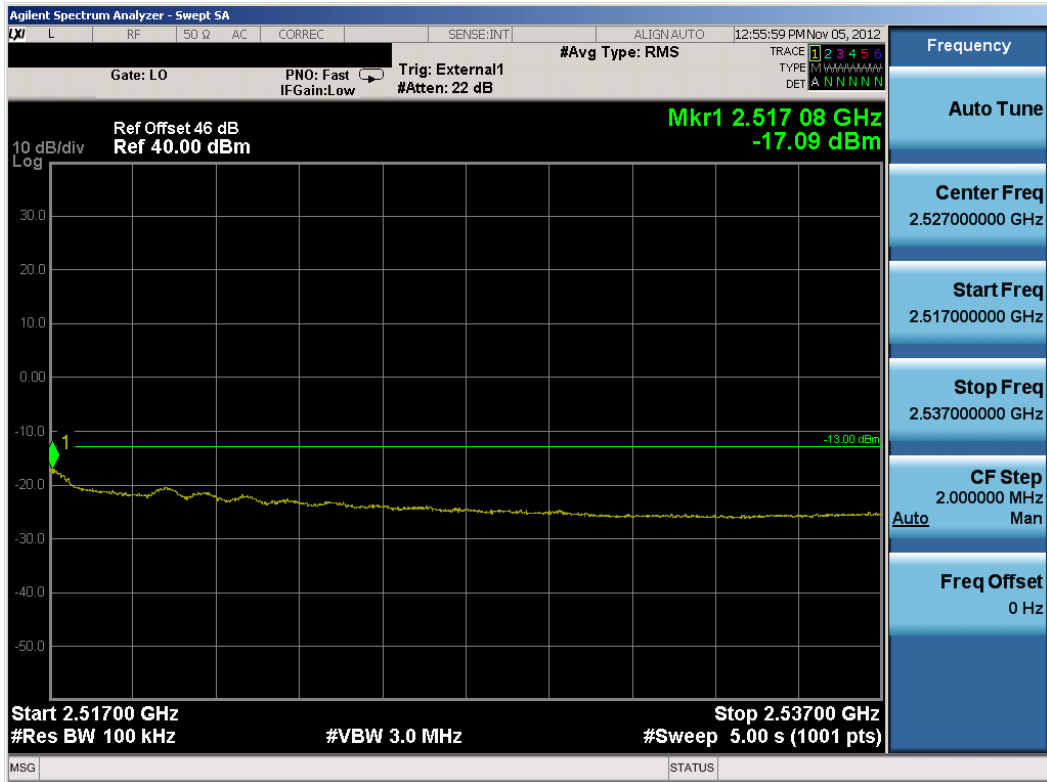


Plot 8-19. Channel Edge Plot (TD-LTE Mode – Low Channel)

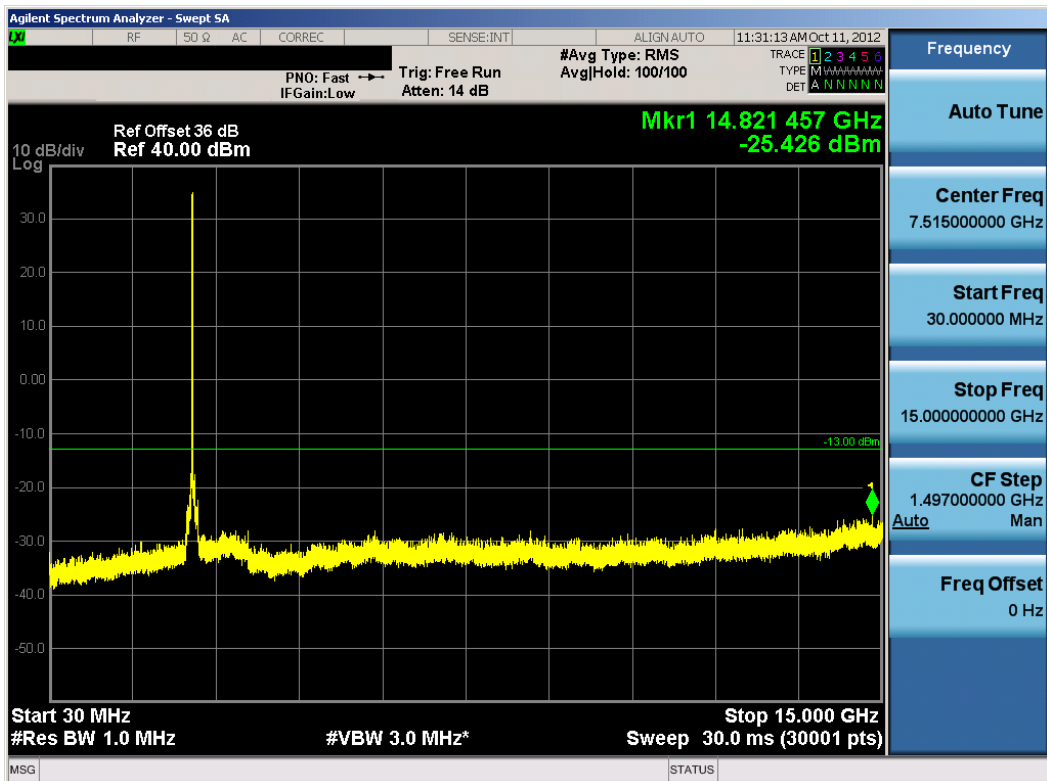


Plot 8-20. Lower Extended Channel Edge Plot (TD-LTE Mode – Low Channel)

FCC ID: A3LSLS-BD104Q1		FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 157 of 247

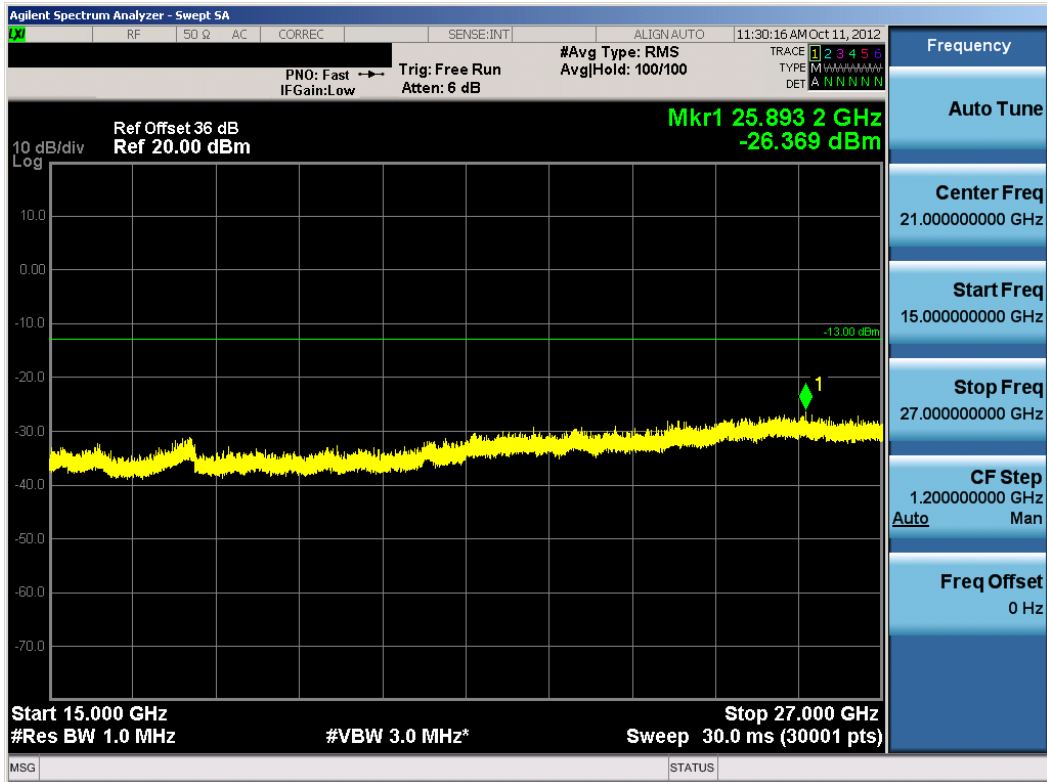


Plot 8-21. Upper Extended Channel Edge Plot (TD-LTE Mode – Low Channel)

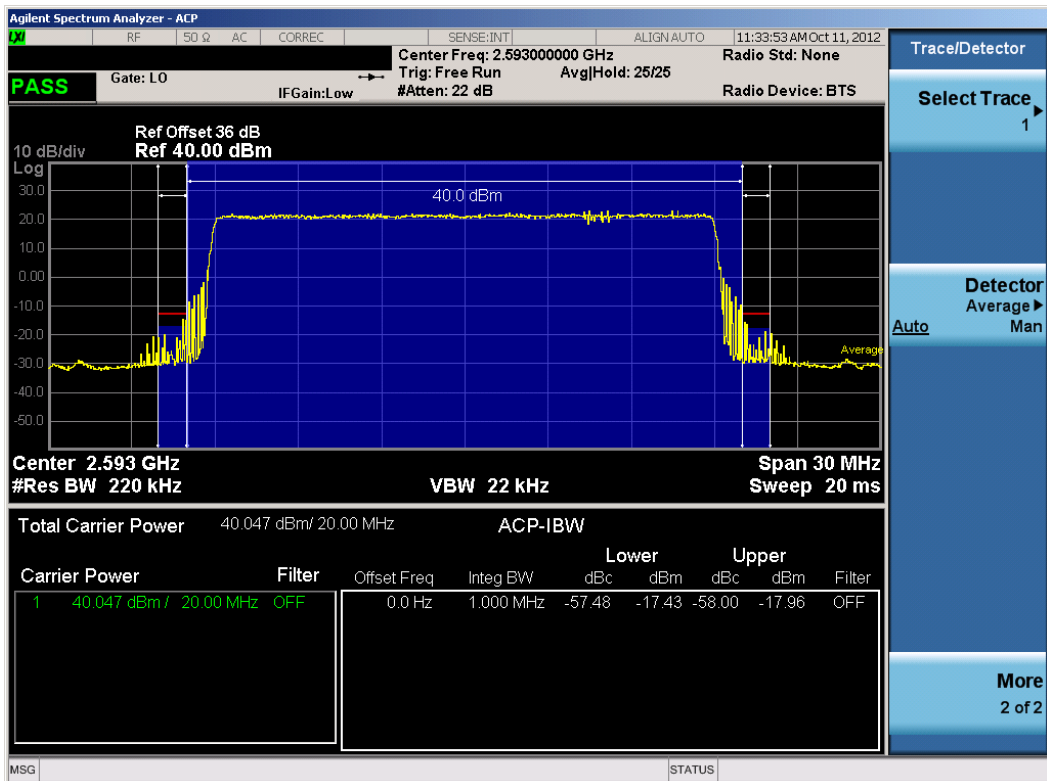


Plot 8-22. Conducted Spurious Plot (TD-LTE Mode – Mid Channel)

FCC ID: A3LSLS-BD104Q1		FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 158 of 247

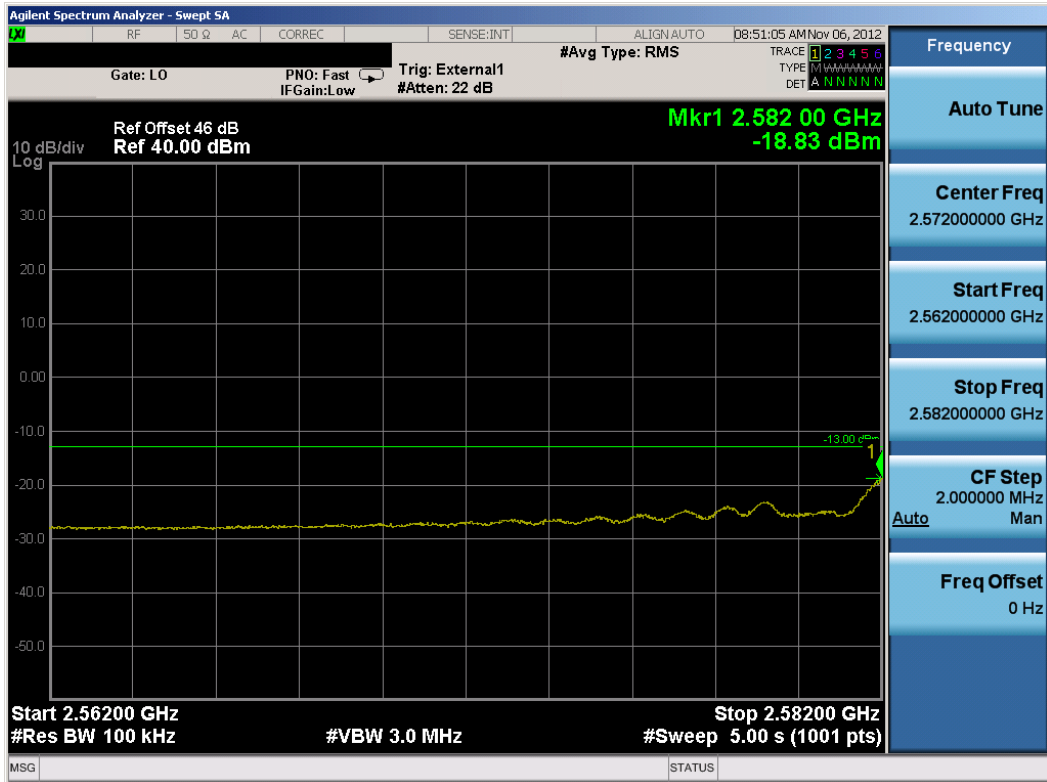


Plot 8-23. Conducted Spurious Plot (TD-LTE Mode – Mid Channel)

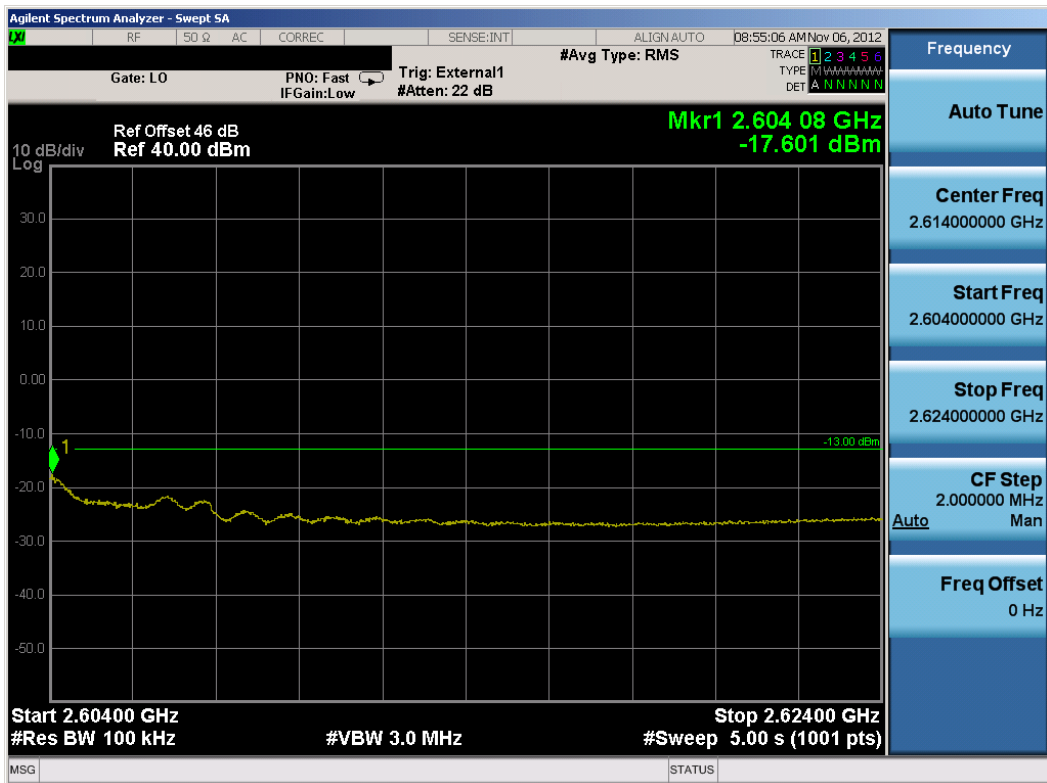


Plot 8-24. Channel Edge Plot (TD-LTE Mode – Mid Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 159 of 247

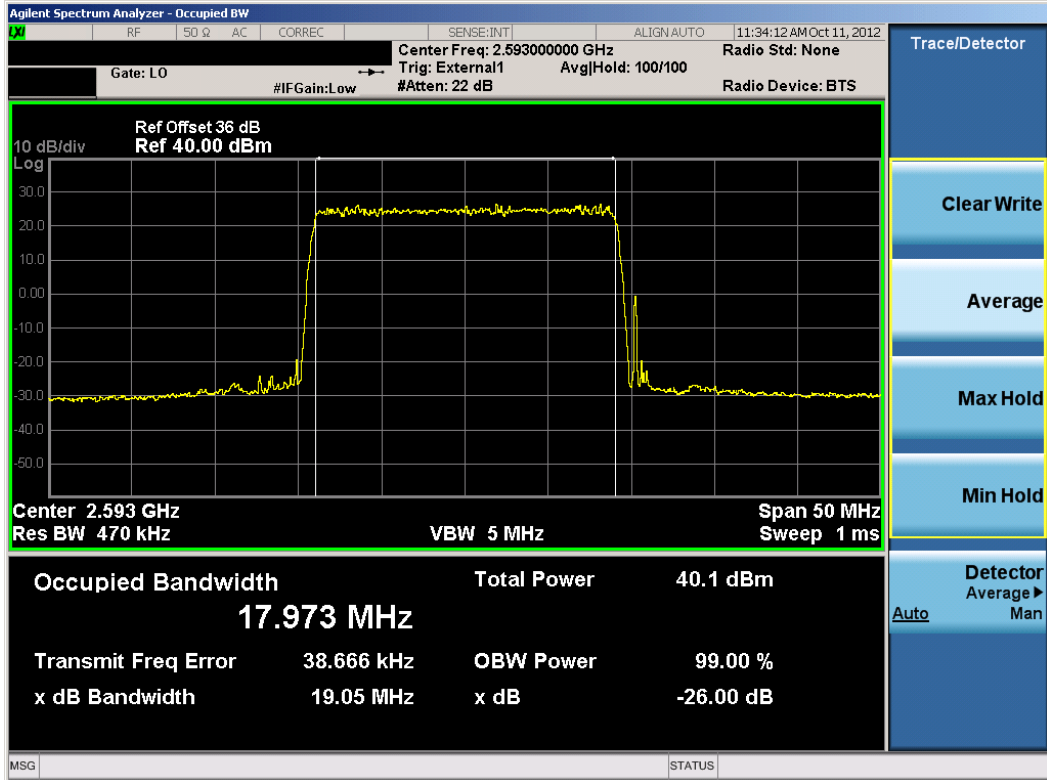


Plot 8-25. Lower Extended Channel Edge Plot (TD-LTE Mode – Mid Channel)

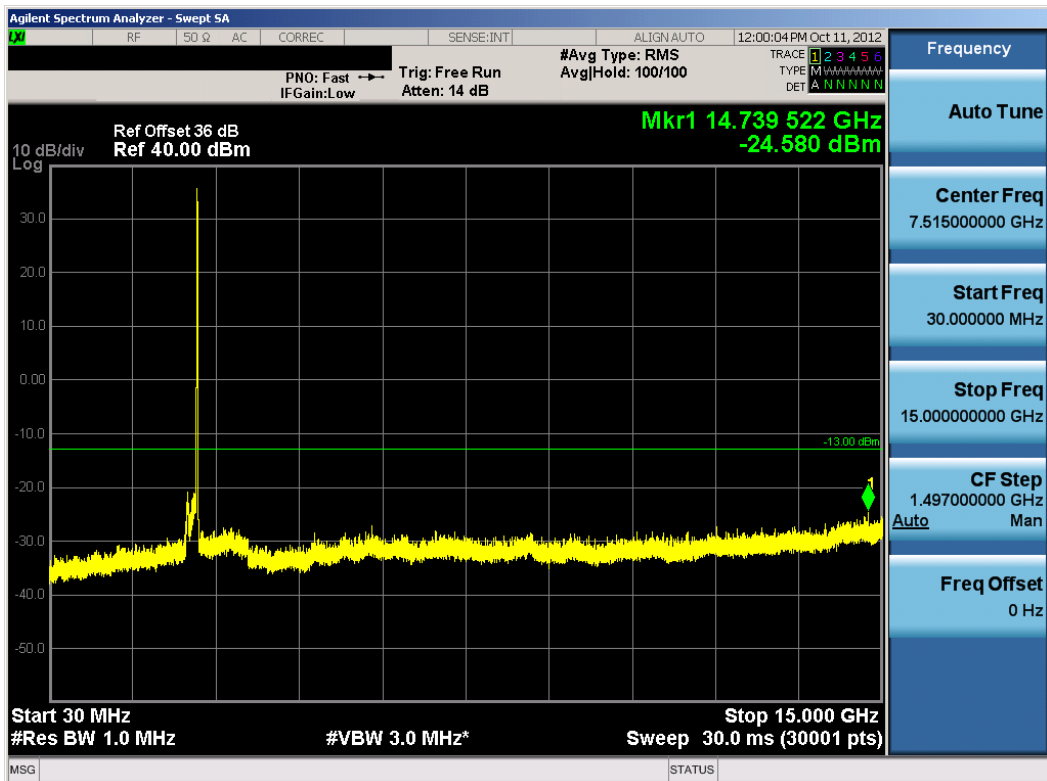


Plot 8-26. Upper Extended Channel Edge Plot (TD-LTE Mode – Mid Channel)

FCC ID: A3LSLS-BD104Q1		FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 160 of 247

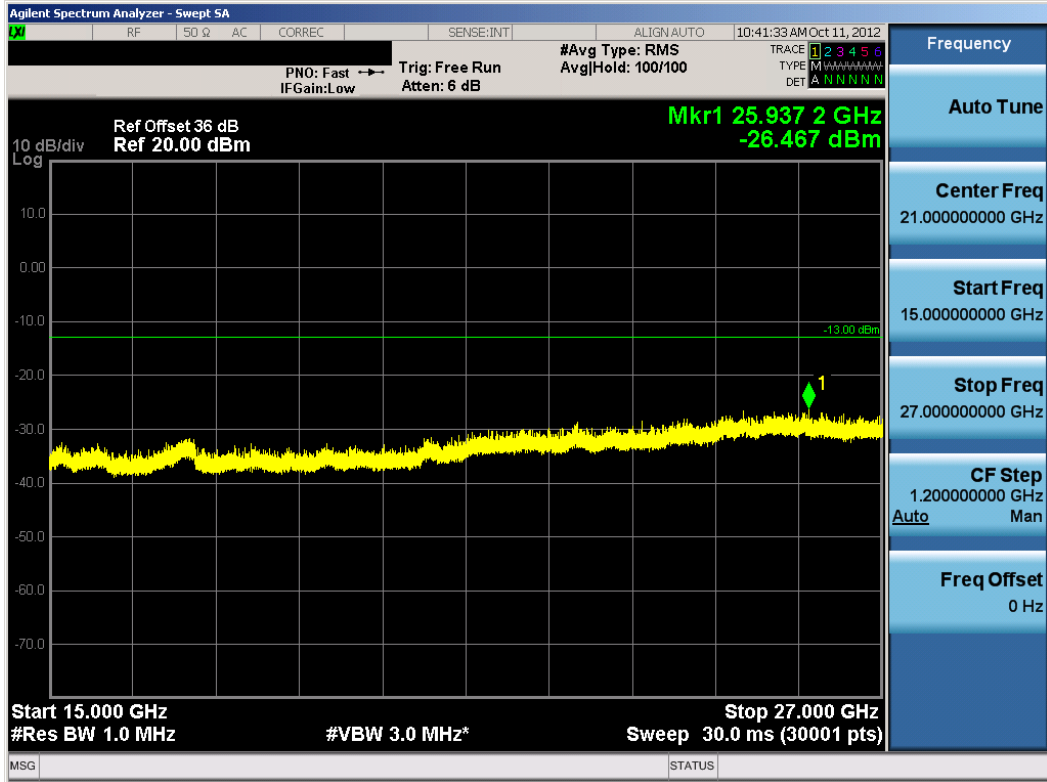


Plot 8-27. Occupied Bandwidth Plot (TD-LTE Mode – Mid Channel)

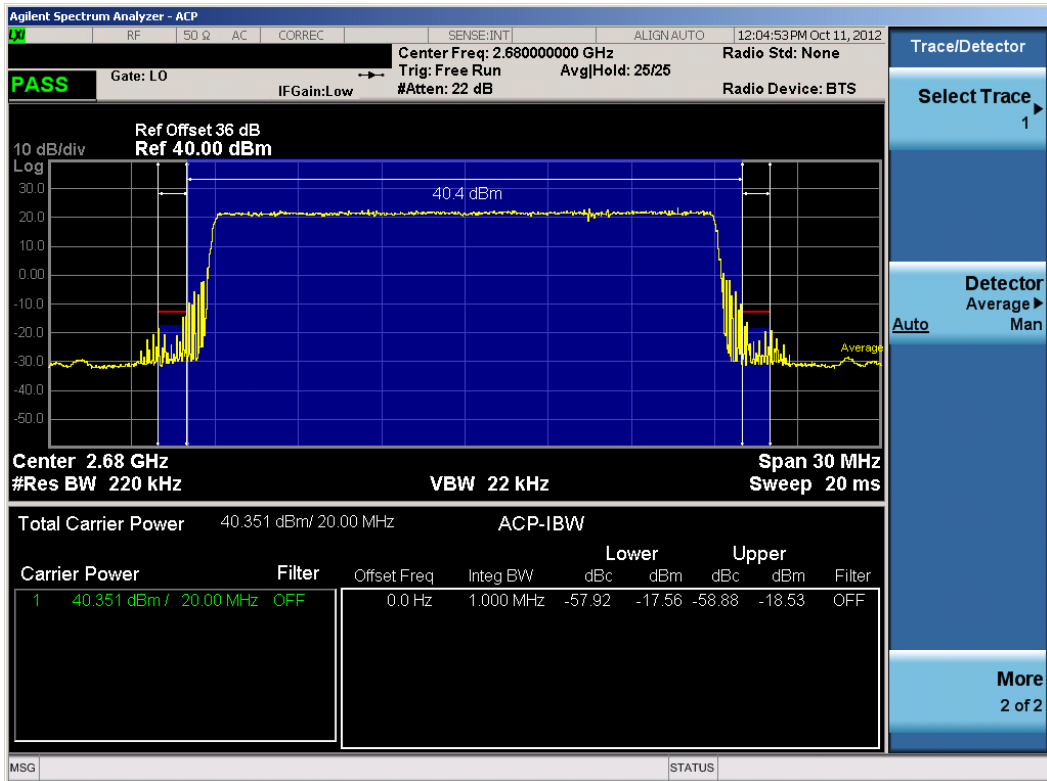


Plot 8-28. Conducted Spurious Plot (TD-LTE Mode – High Channel)

FCC ID: A3LSLS-BD104Q1		FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 161 of 247



Plot 8-29. Conducted Spurious Plot (TD-LTE Mode – High Channel)

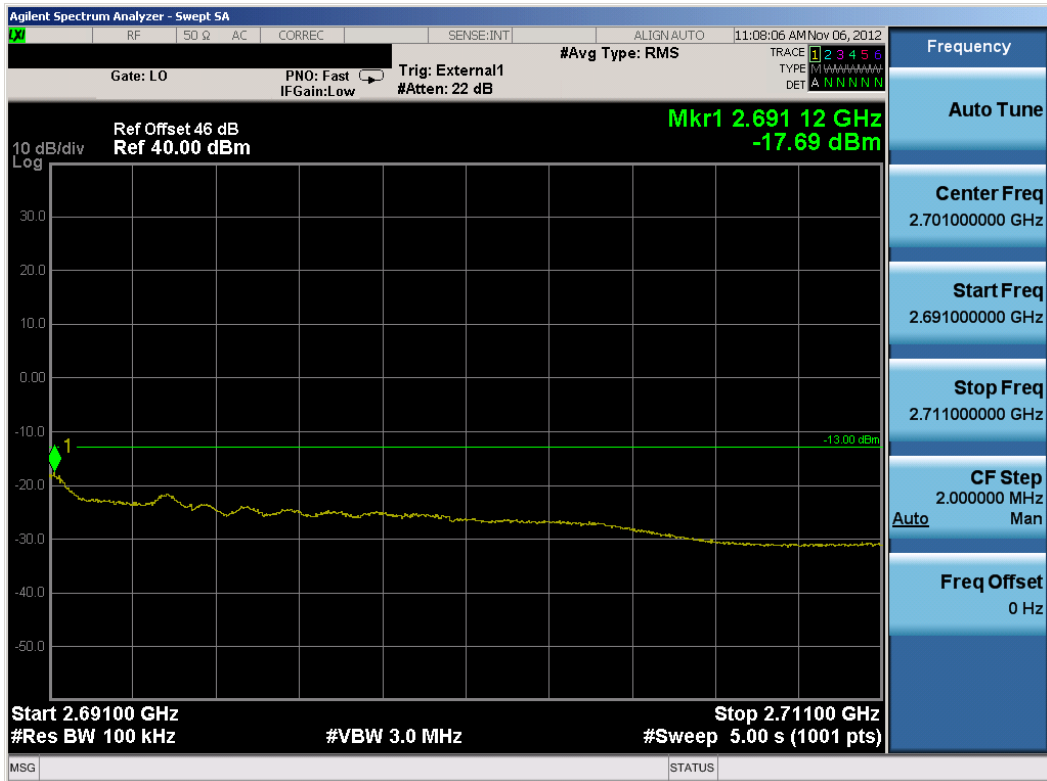


Plot 8-30. Channel Edge Plot (TD-LTE Mode – High Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 162 of 247



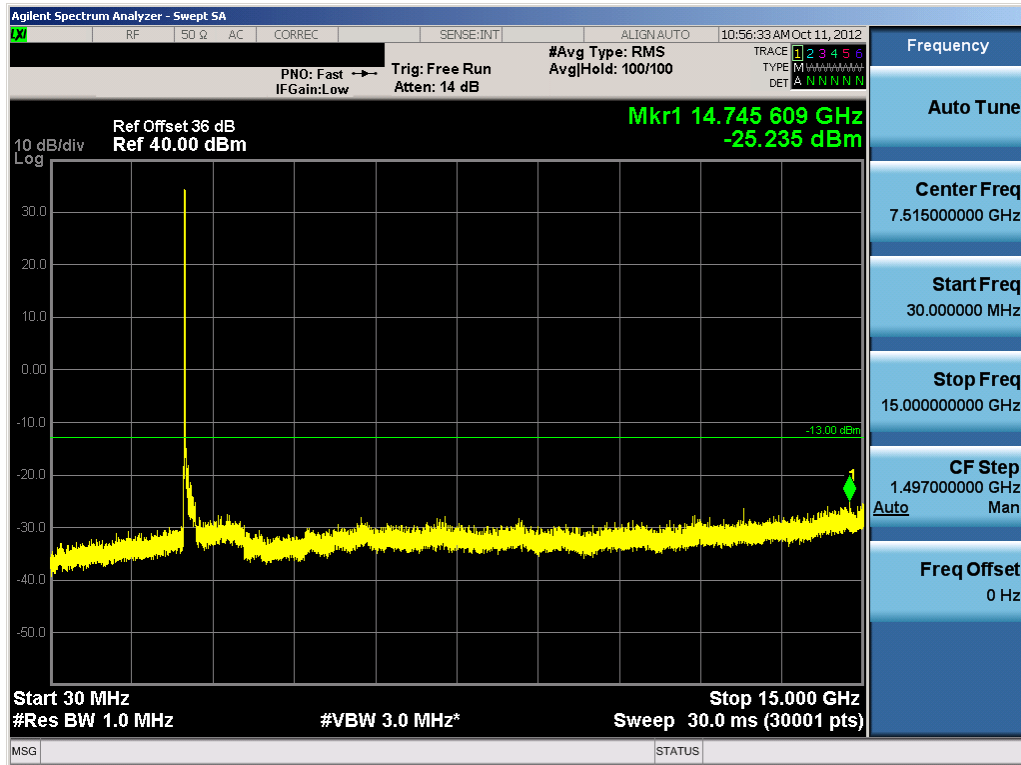
Plot 8-31. Lower Extended Channel Edge Plot (TD-LTE Mode – High Channel)



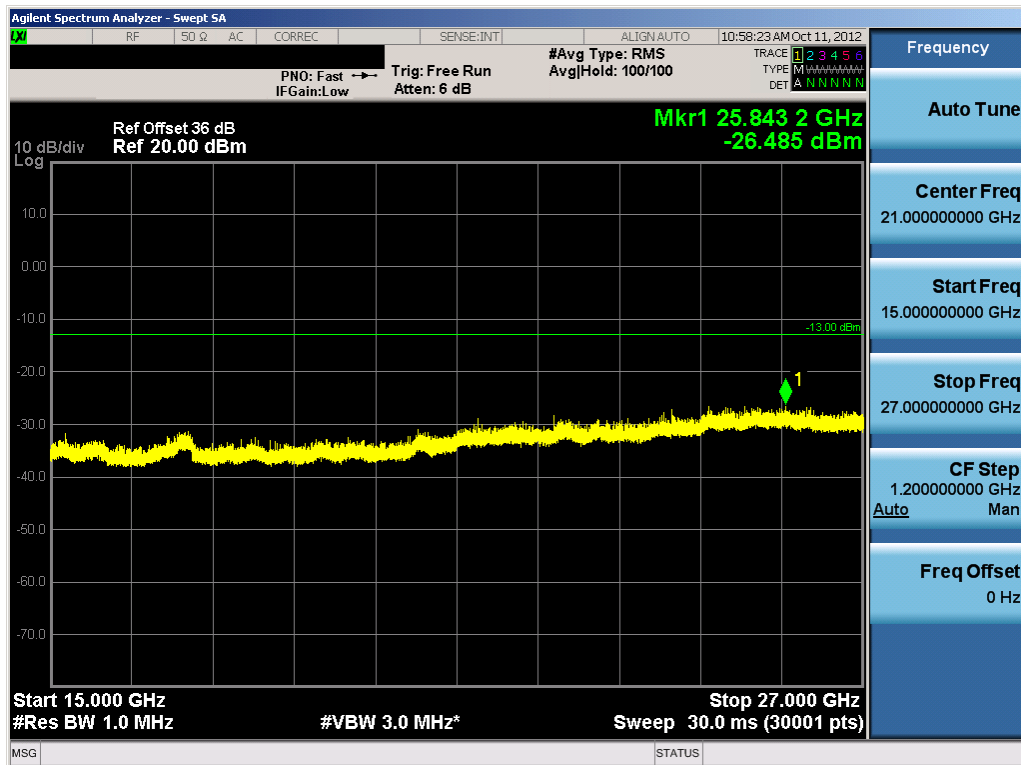
Plot 8-32. Upper Extended Channel Edge Plot (TD-LTE Mode – High Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 163 of 247

64-QAM Modulation

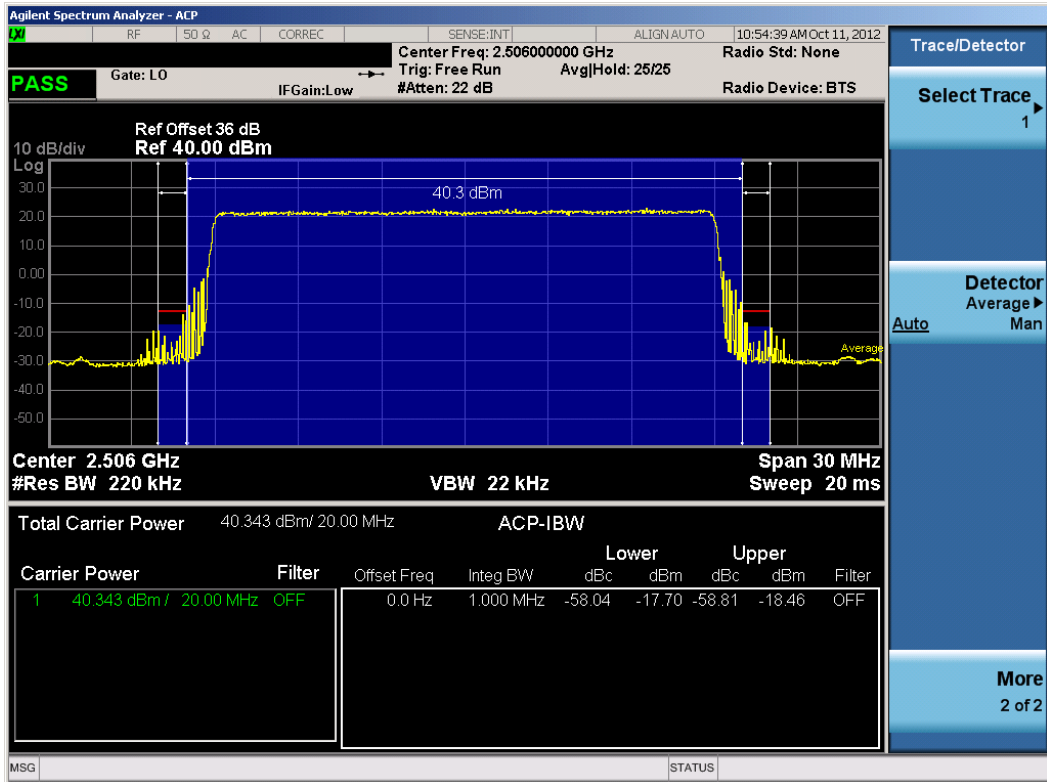


Plot 8-33. Conducted Spurious Plot (TD-LTE Mode – Low Channel)

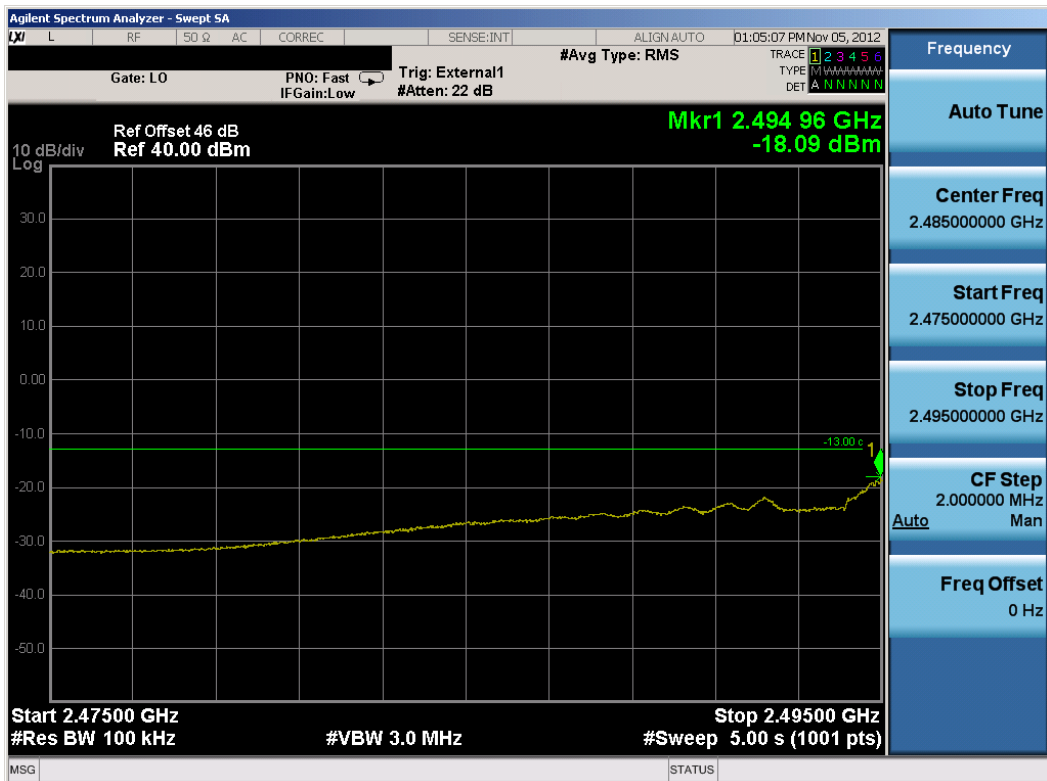


Plot 8-34. Conducted Spurious Plot (TD-LTE Mode – Low Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 164 of 247

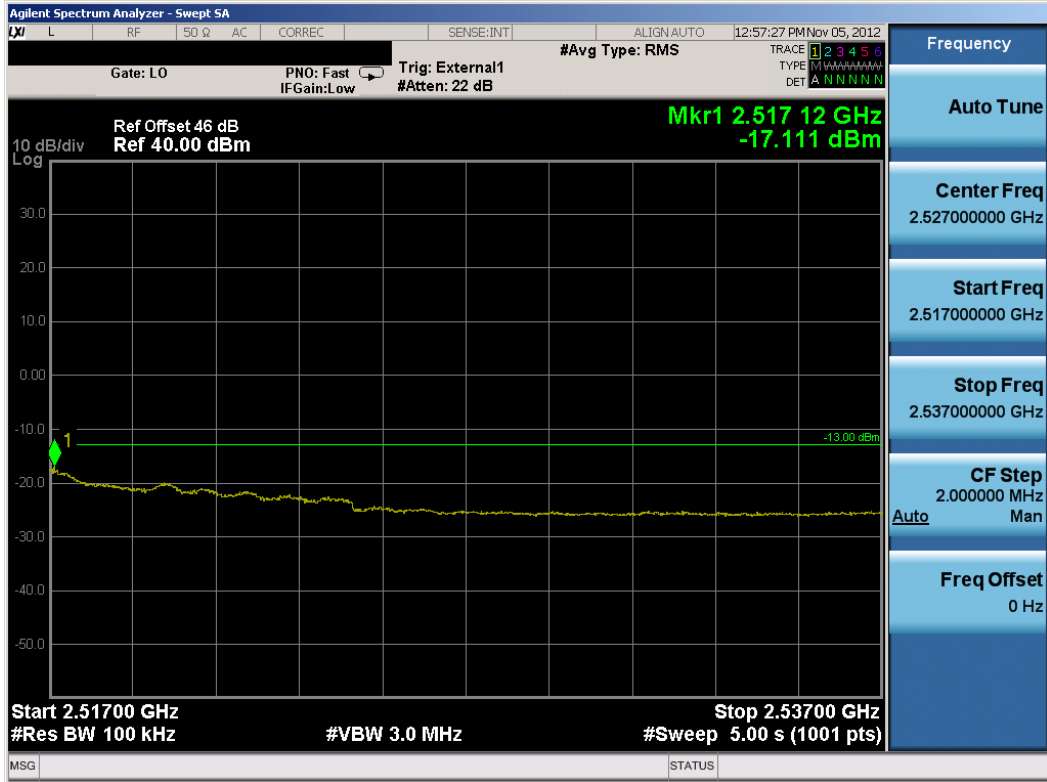


Plot 8-35. Channel Edge Plot (TD-LTE Mode – Low Channel)

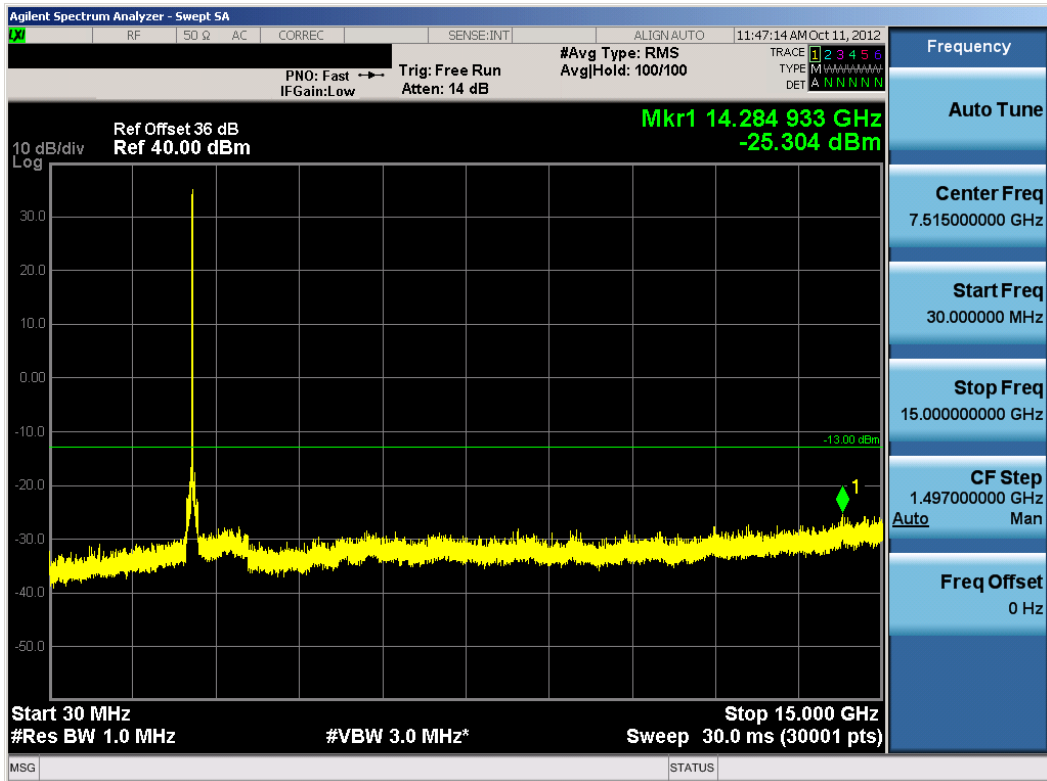


Plot 8-36. Lower Extended Channel Edge Plot (TD-LTE Mode – Low Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 165 of 247

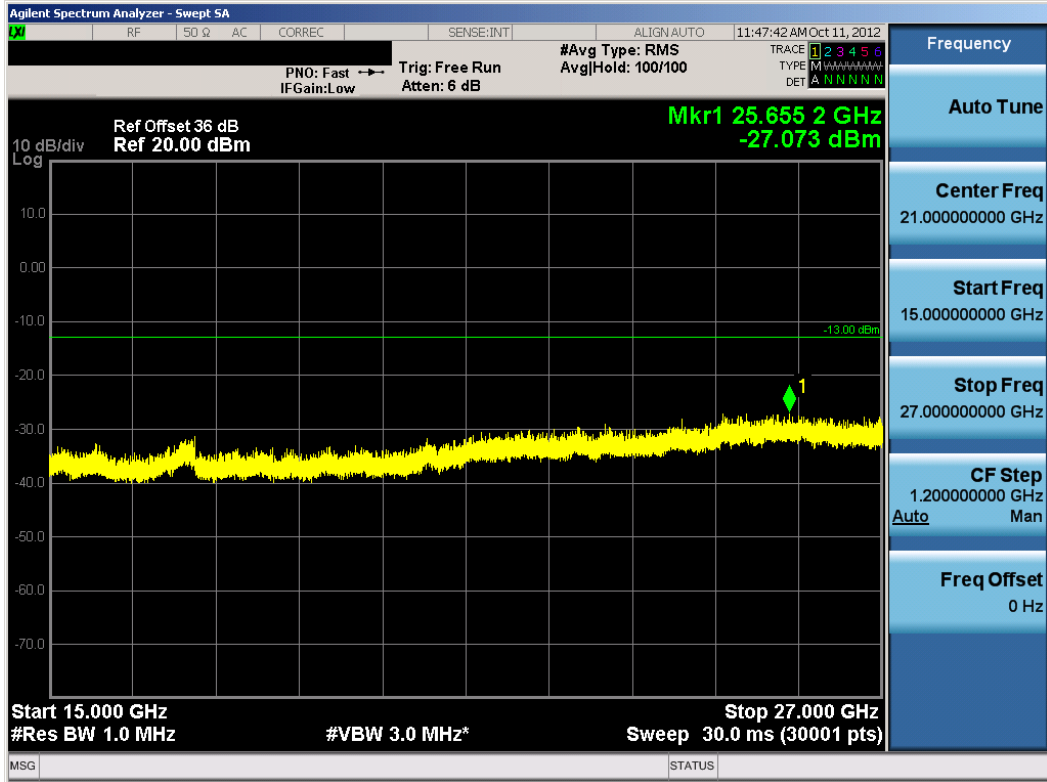


Plot 8-37. Upper Extended Channel Edge Plot (TD-LTE Mode – Low Channel)

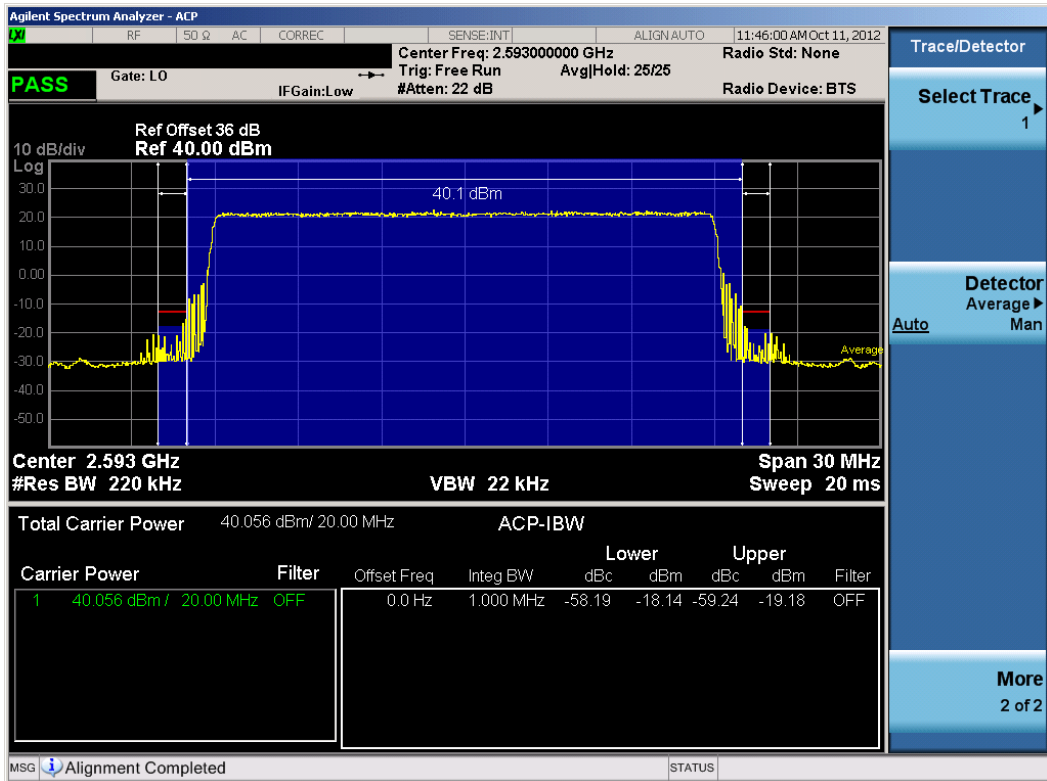


Plot 8-38. Conducted Spurious Plot (TD-LTE Mode – Mid Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 166 of 247

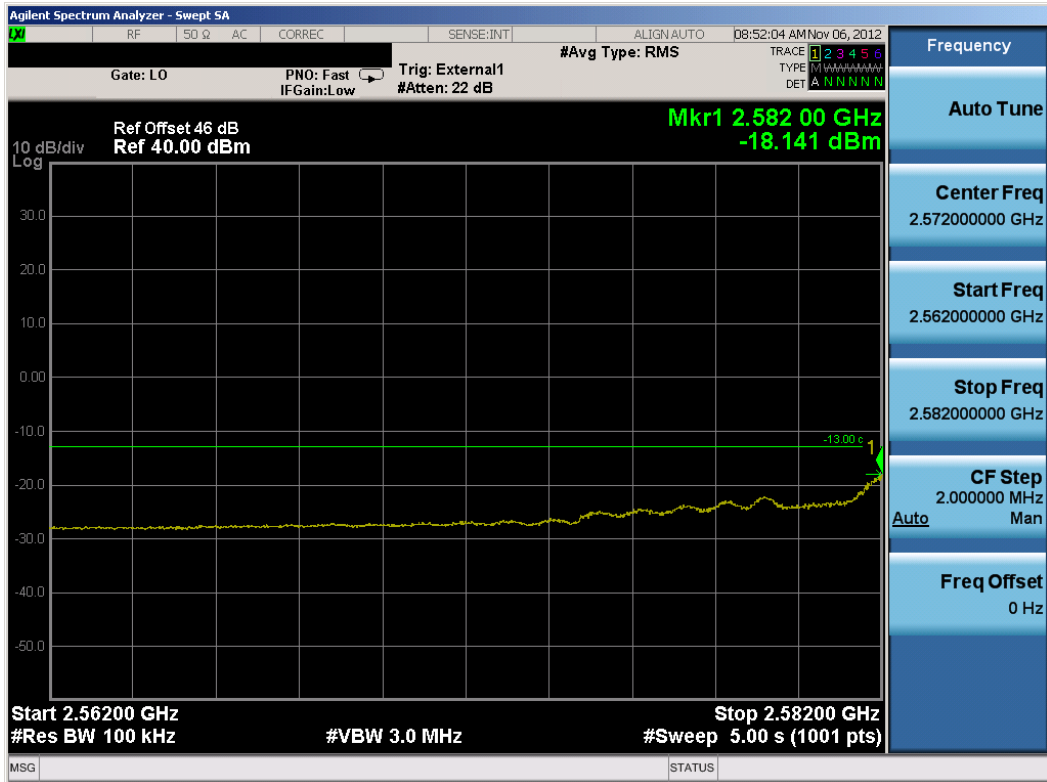


Plot 8-39. Conducted Spurious Plot (TD-LTE Mode – Mid Channel)

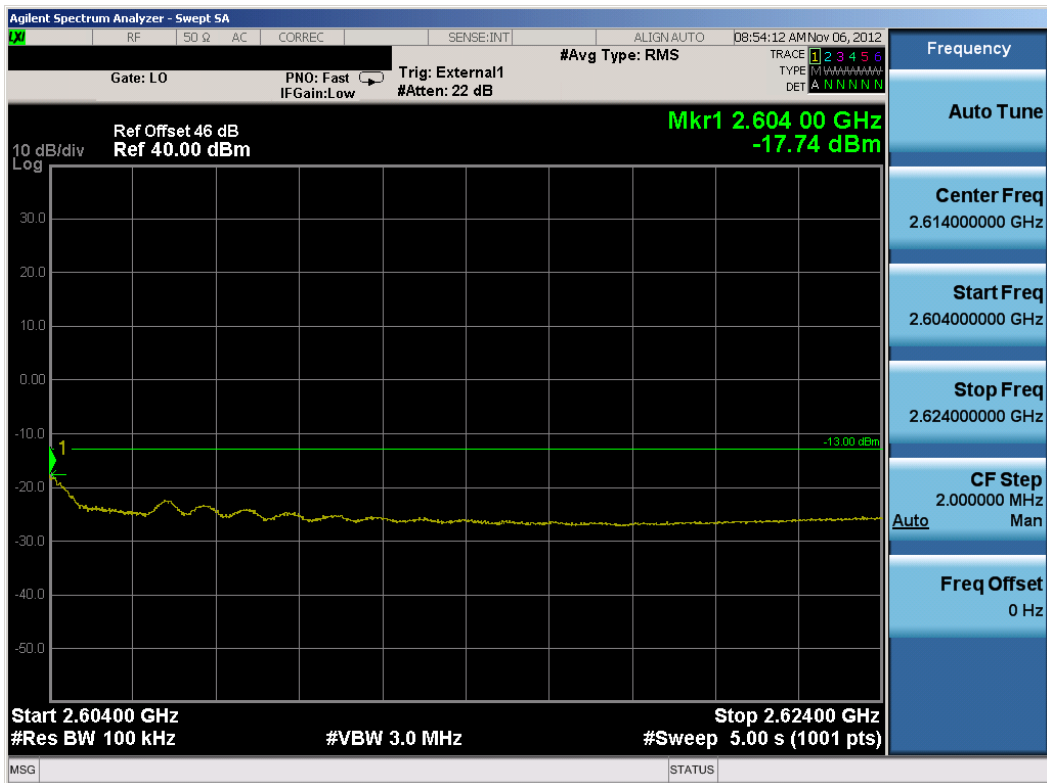


Plot 8-40. Channel Edge Plot (TD-LTE Mode – Mid Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 167 of 247

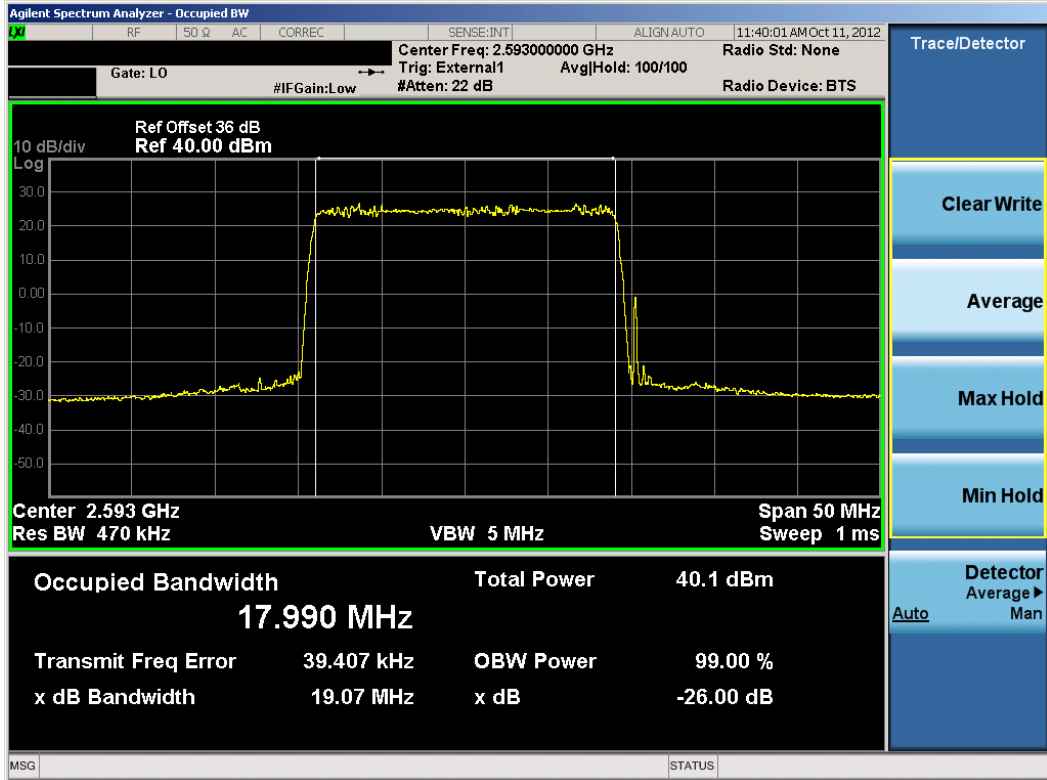


Plot 8-41. Lower Extended Channel Edge Plot (TD-LTE Mode – Mid Channel)

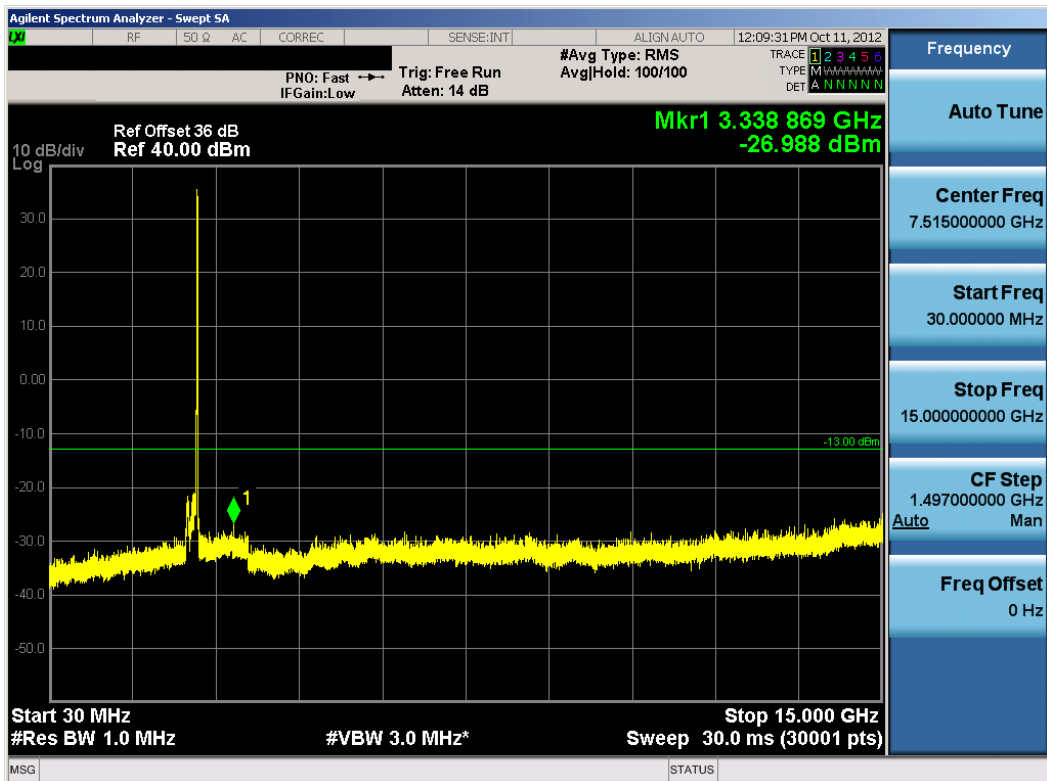


Plot 8-42. Upper Extended Channel Edge Plot (TD-LTE Mode – Mid Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 168 of 247

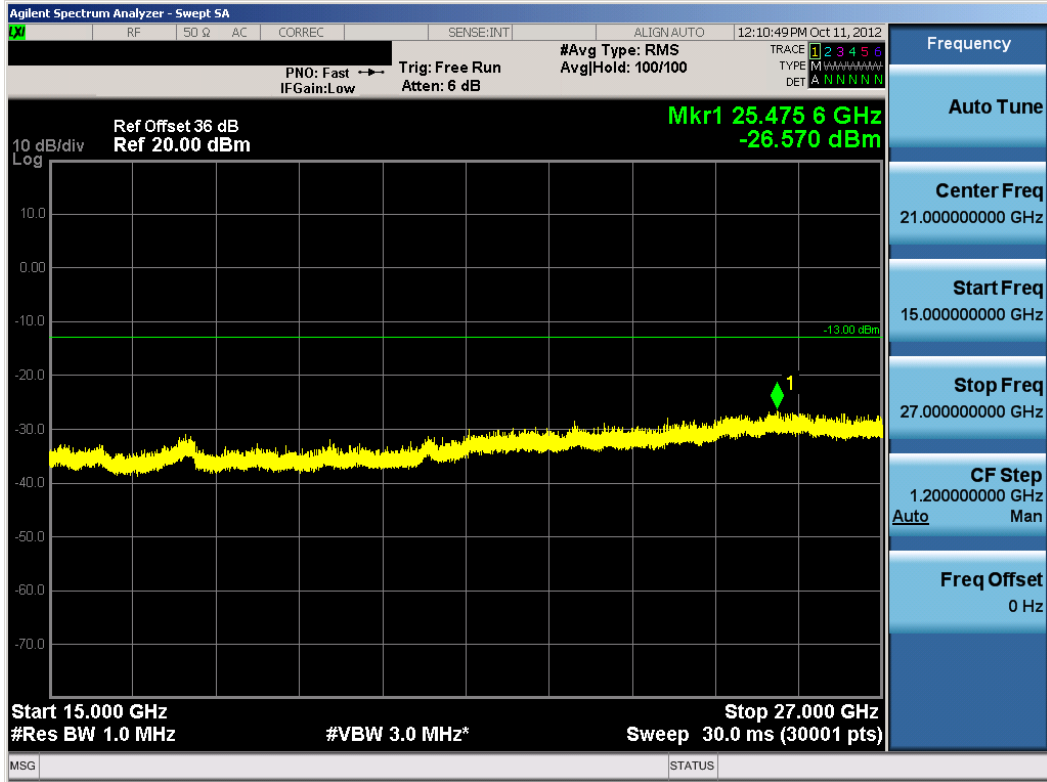


Plot 8-43. Occupied Bandwidth Plot (TD-LTE Mode – Mid Channel)

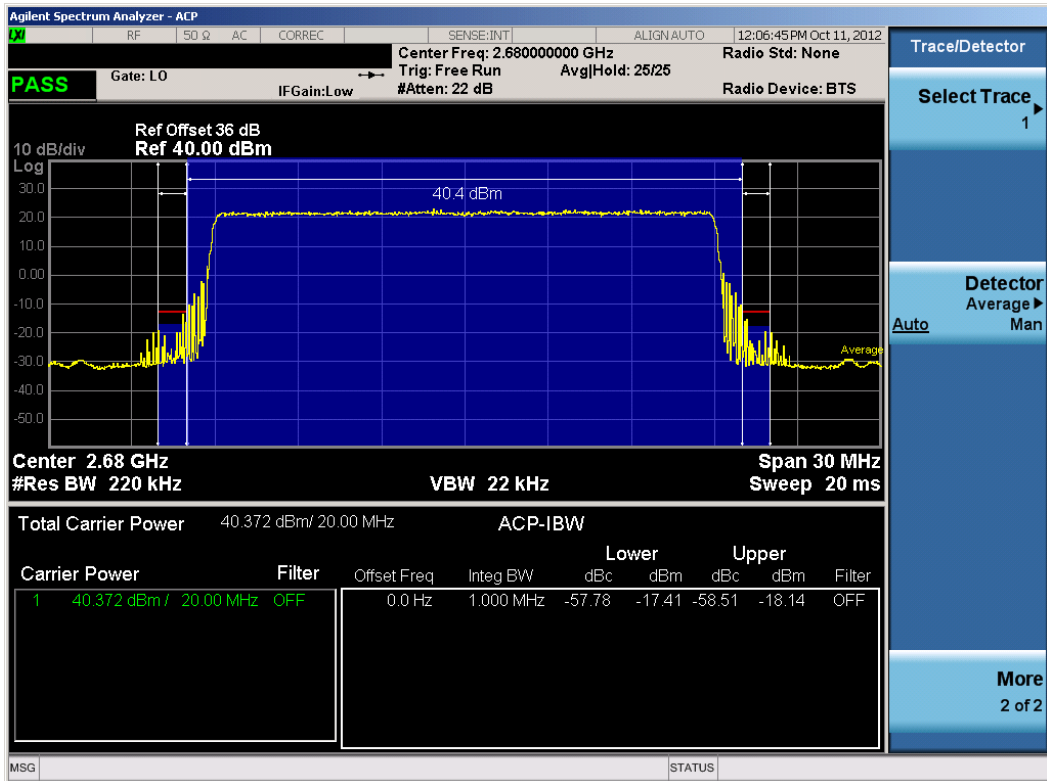


Plot 8-44. Conducted Spurious Plot (TD-LTE Mode – High Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 169 of 247



Plot 8-45. Conducted Spurious Plot (TD-LTE Mode – High Channel)

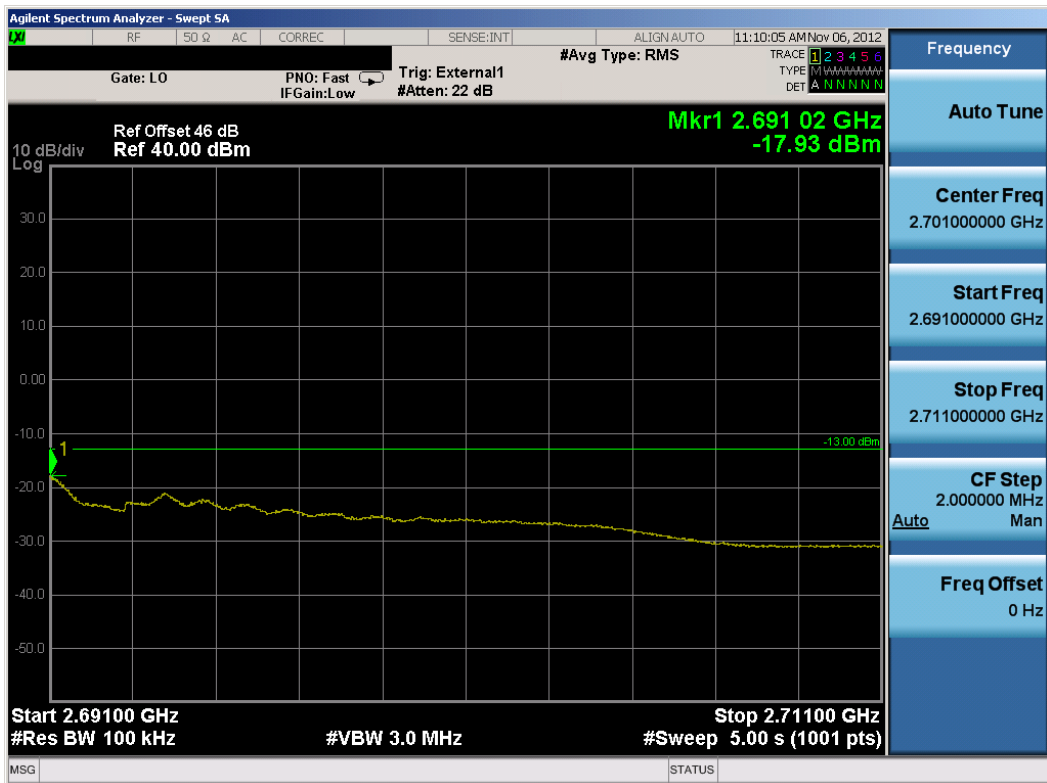


Plot 8-46. Channel Edge Plot (TD-LTE Mode – High Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 170 of 247



Plot 8-47. Lower Extended Channel Edge Plot (TD-LTE Mode – High Channel)

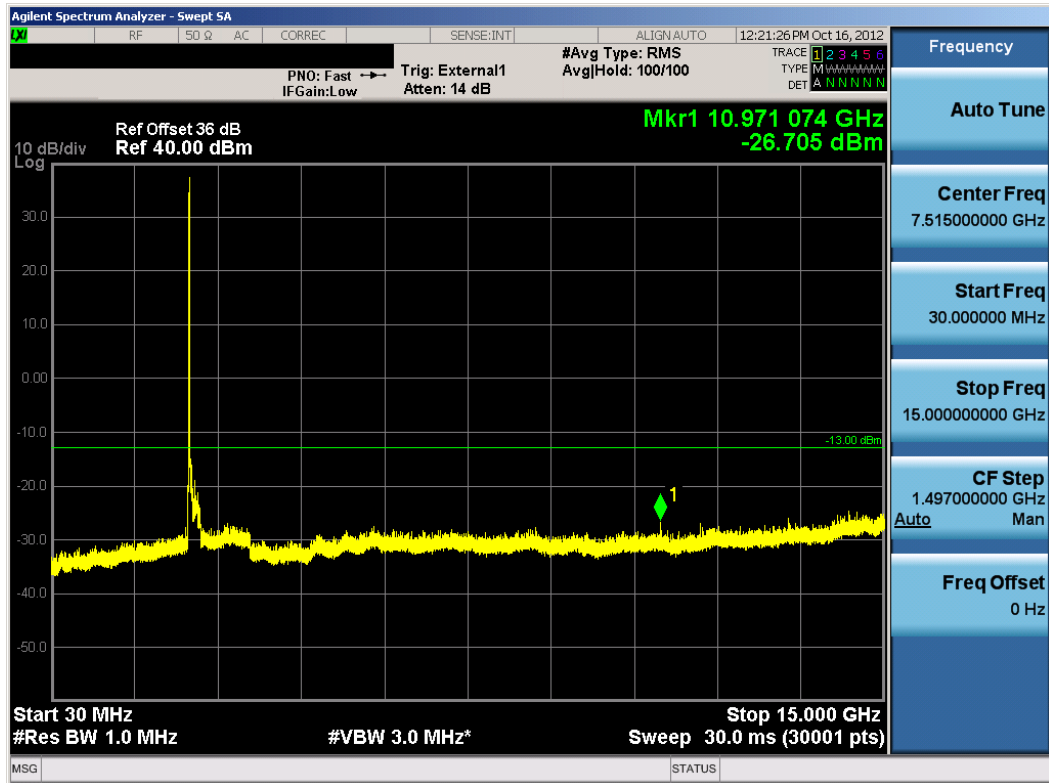


Plot 8-48. Upper Extended Channel Edge Plot (TD-LTE Mode – High Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 171 of 247

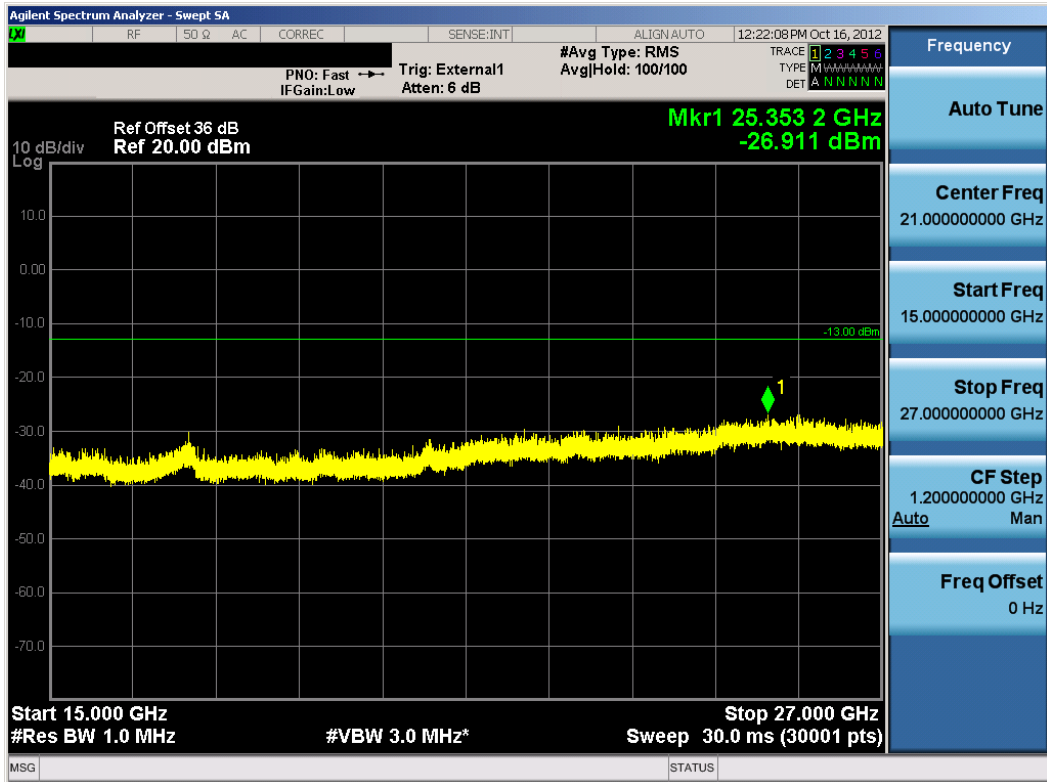
8.2 RF Port 1 (TD-LTE)

QPSK Modulation

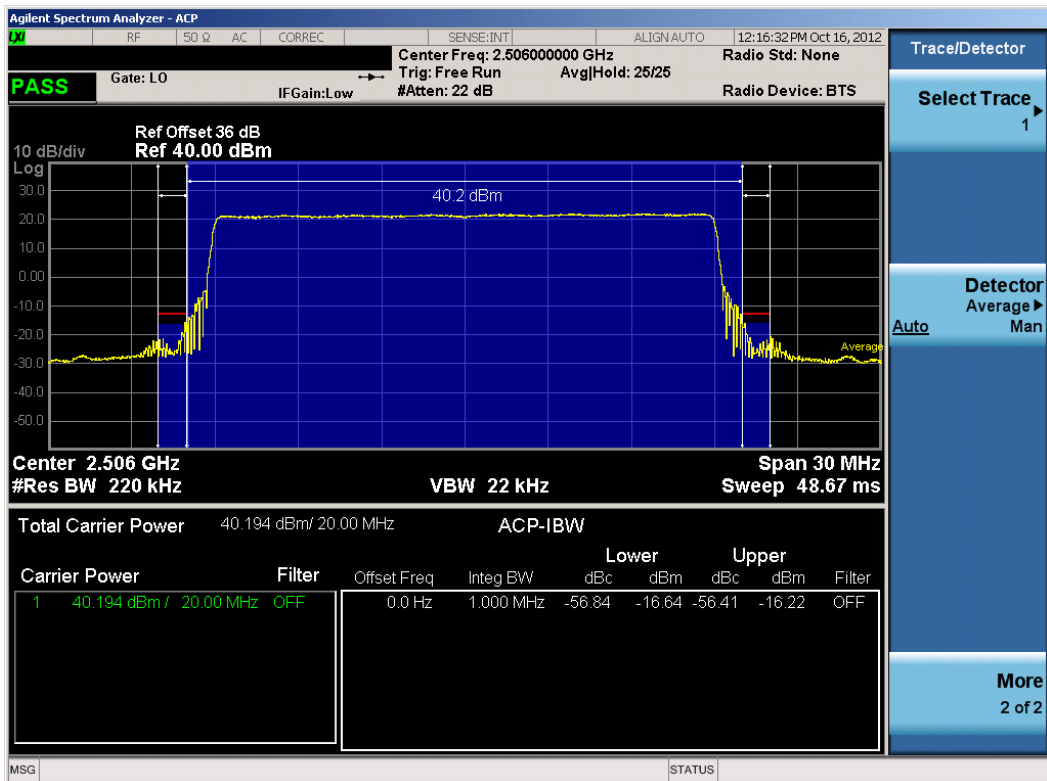


Plot 8-49. Conducted Spurious Plot (TD-LTE Mode – Low Channel)

FCC ID: A3LSLS-BD104Q1		FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 172 of 247



Plot 8-50. Conducted Spurious Plot (TD-LTE Mode – Low Channel)

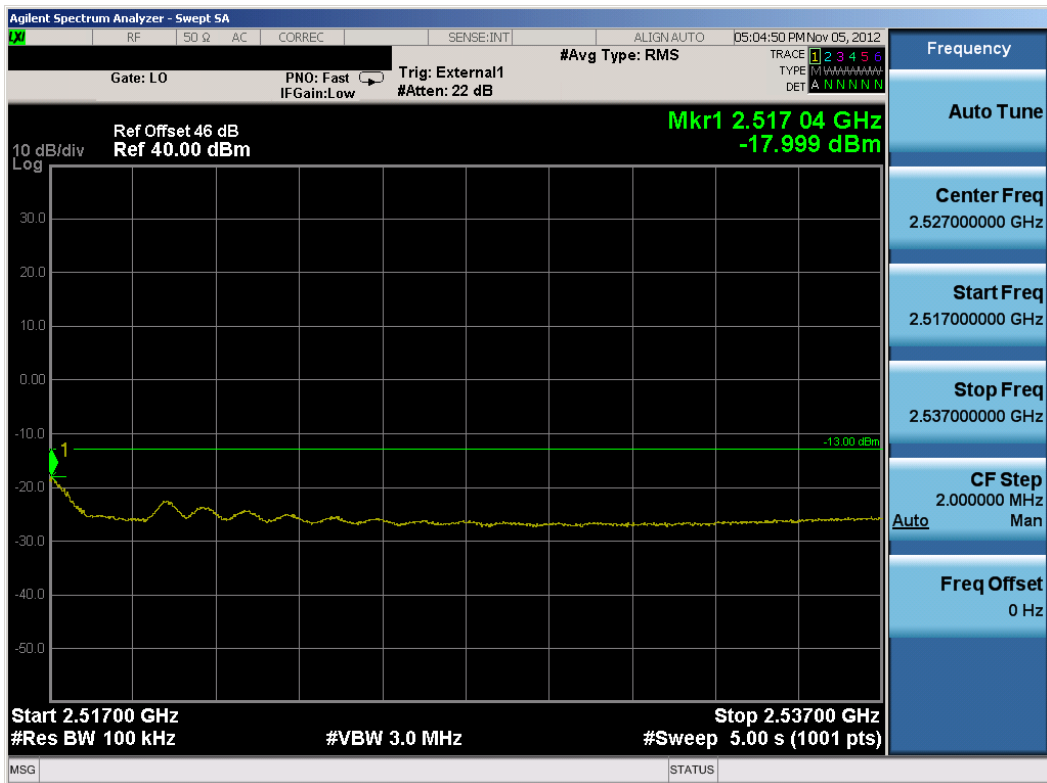


Plot 8-51. Channel Edge Plot (TD-LTE Mode – Low Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 173 of 247

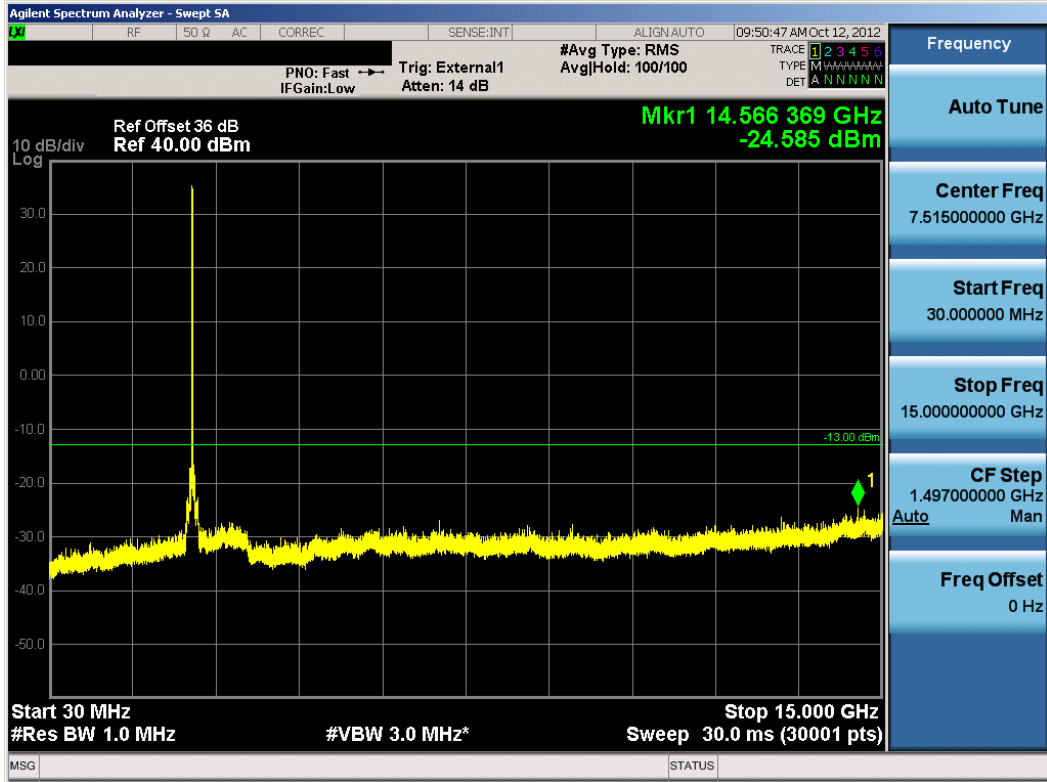


Plot 8-52. Lower Extended Channel Edge Plot (TD-LTE Mode – Low Channel)

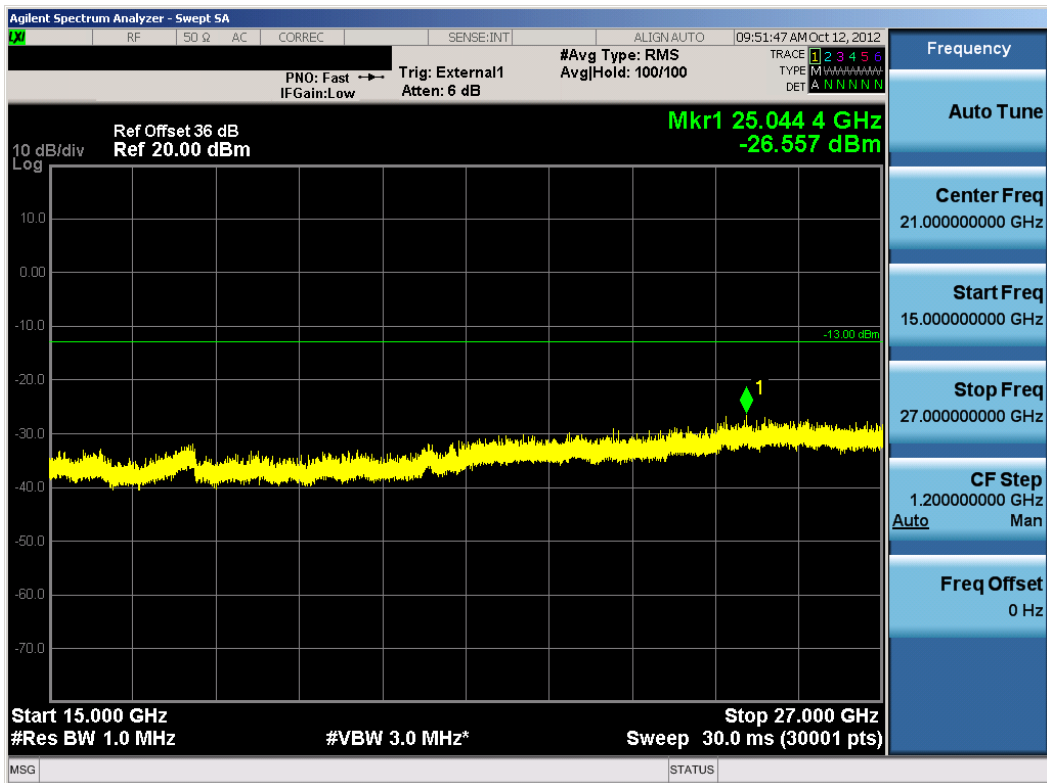


Plot 8-53. Upper Extended Channel Edge Plot (TD-LTE Mode – Low Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 174 of 247

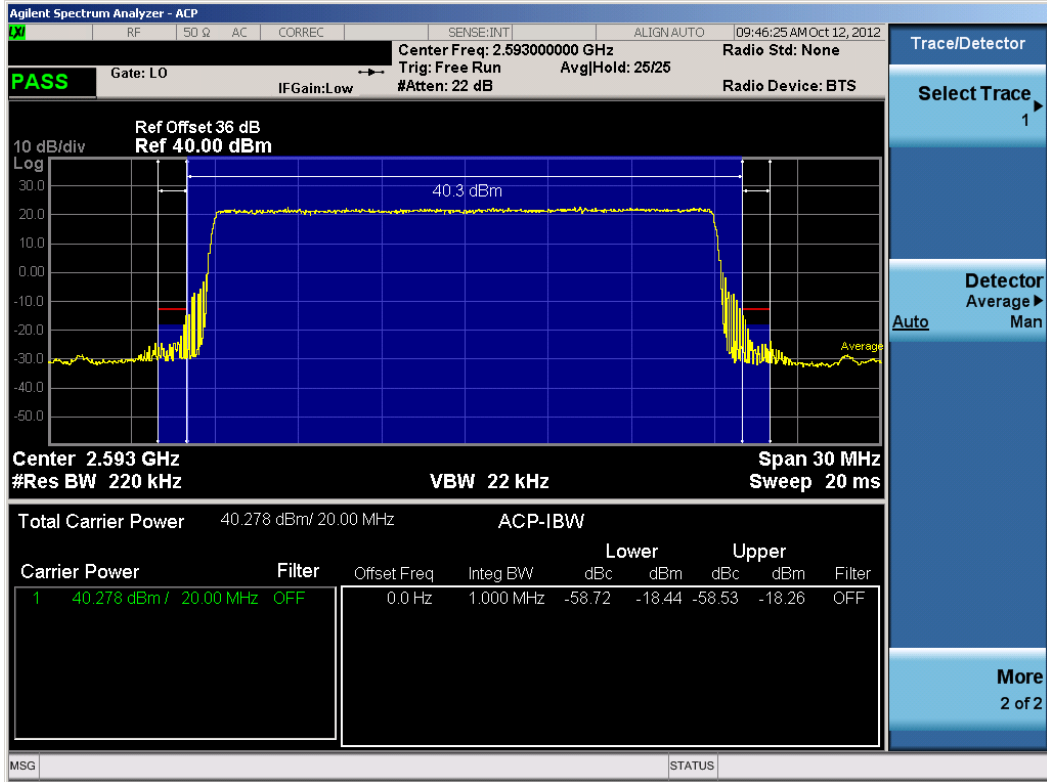


Plot 8-54. Conducted Spurious Plot (TD-LTE Mode – Mid Channel)

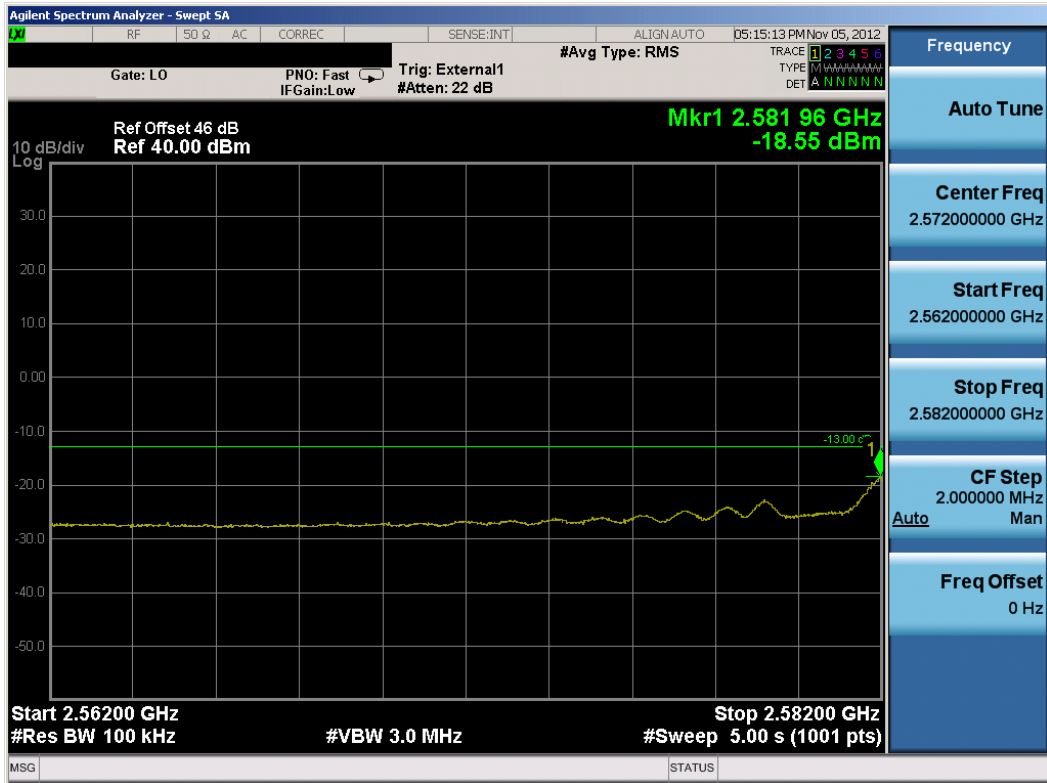


Plot 8-55. Conducted Spurious Plot (TD-LTE Mode – Mid Channel)

FCC ID: A3LSLS-BD104Q1		FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 175 of 247

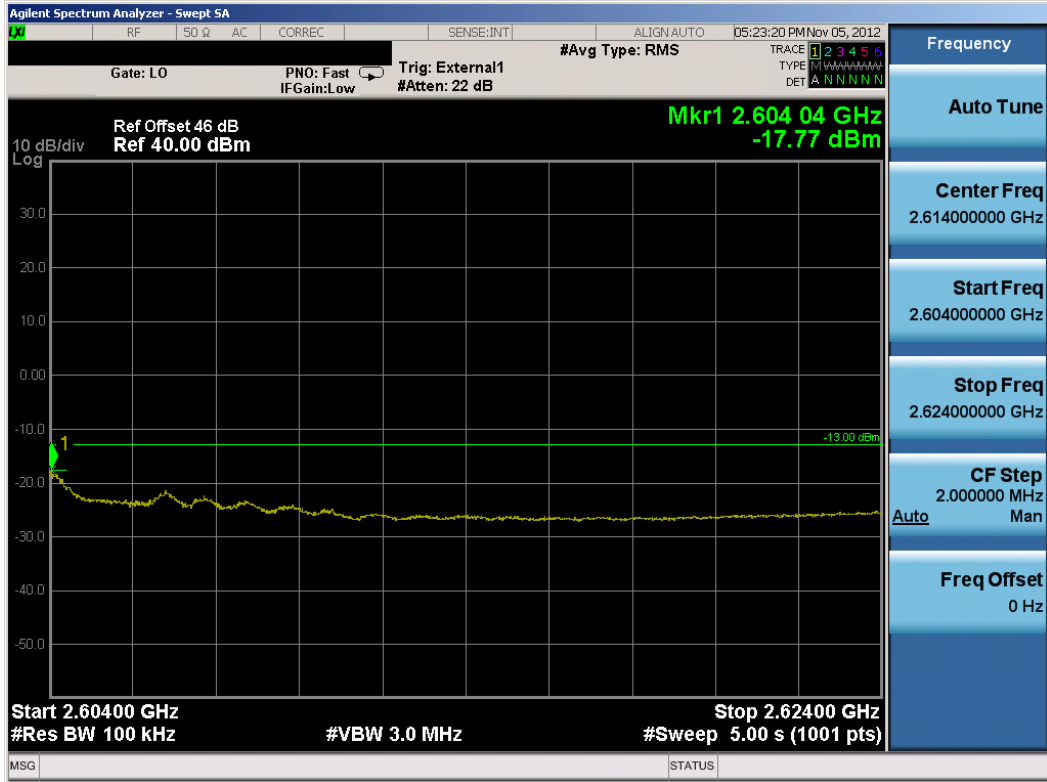


Plot 8-56. Channel Edge Plot (TD-LTE Mode – Mid Channel)

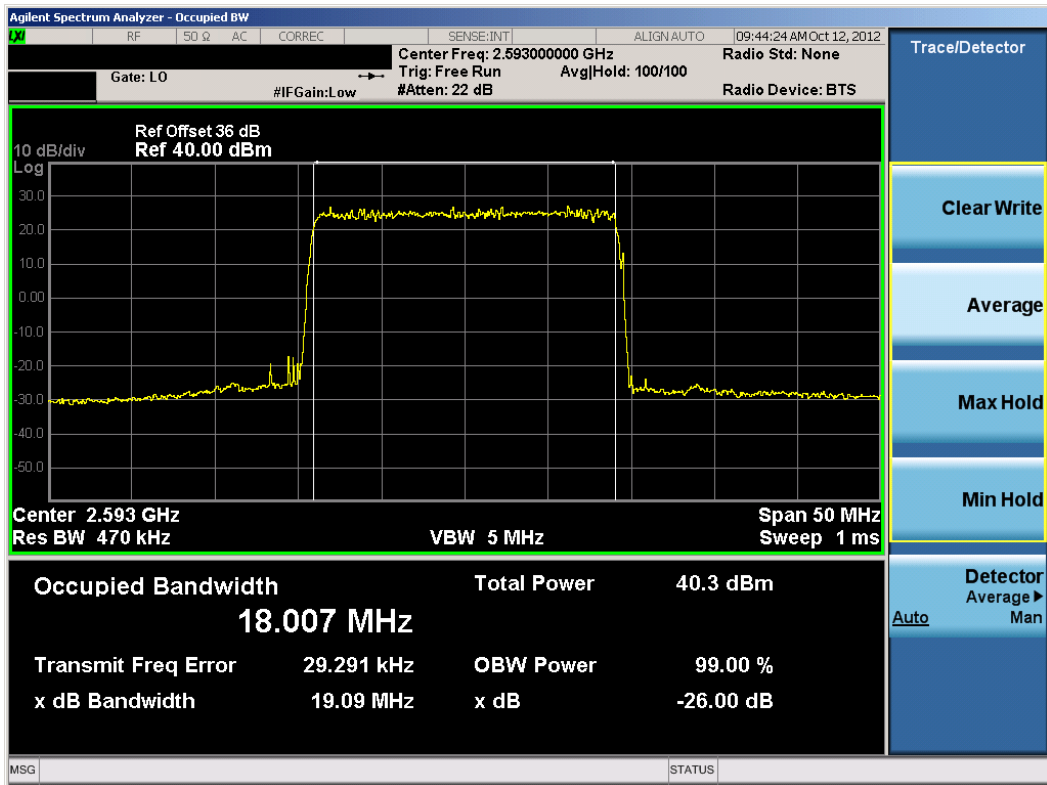


Plot 8-57. Lower Extended Channel Edge Plot (TD-LTE Mode – Mid Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 176 of 247

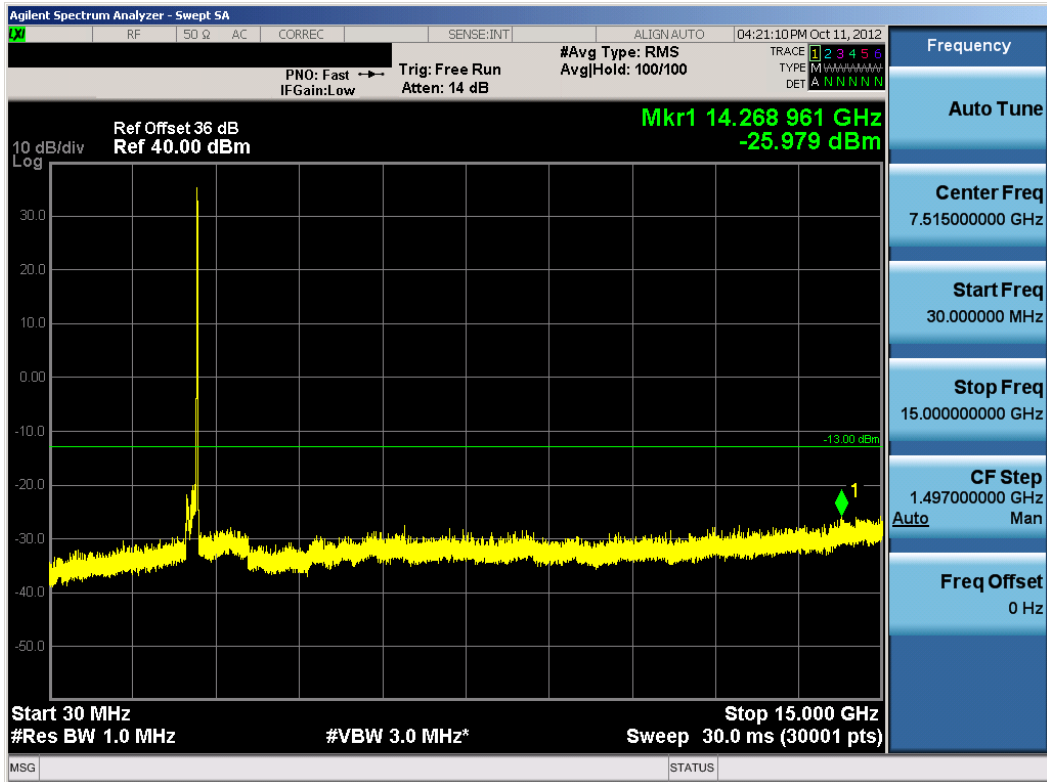


Plot 8-58. Upper Extended Channel Edge Plot (TD-LTE Mode – Mid Channel)

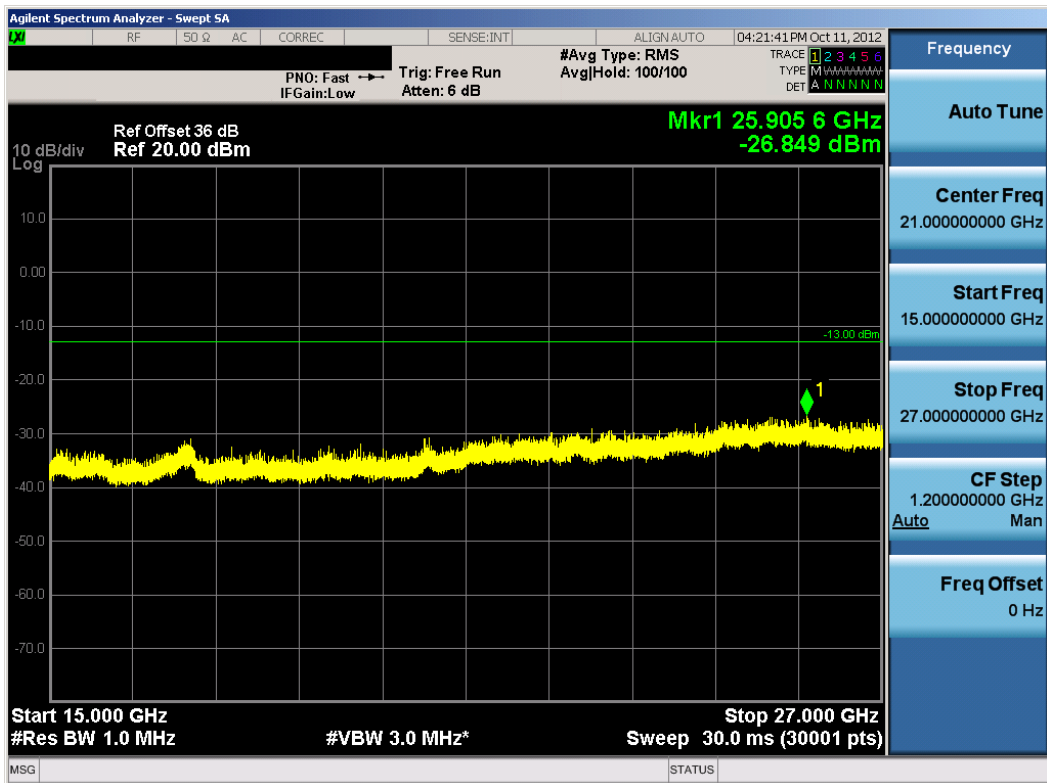


Plot 8-59. Occupied Bandwidth Plot (TD-LTE Mode – Mid Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 177 of 247

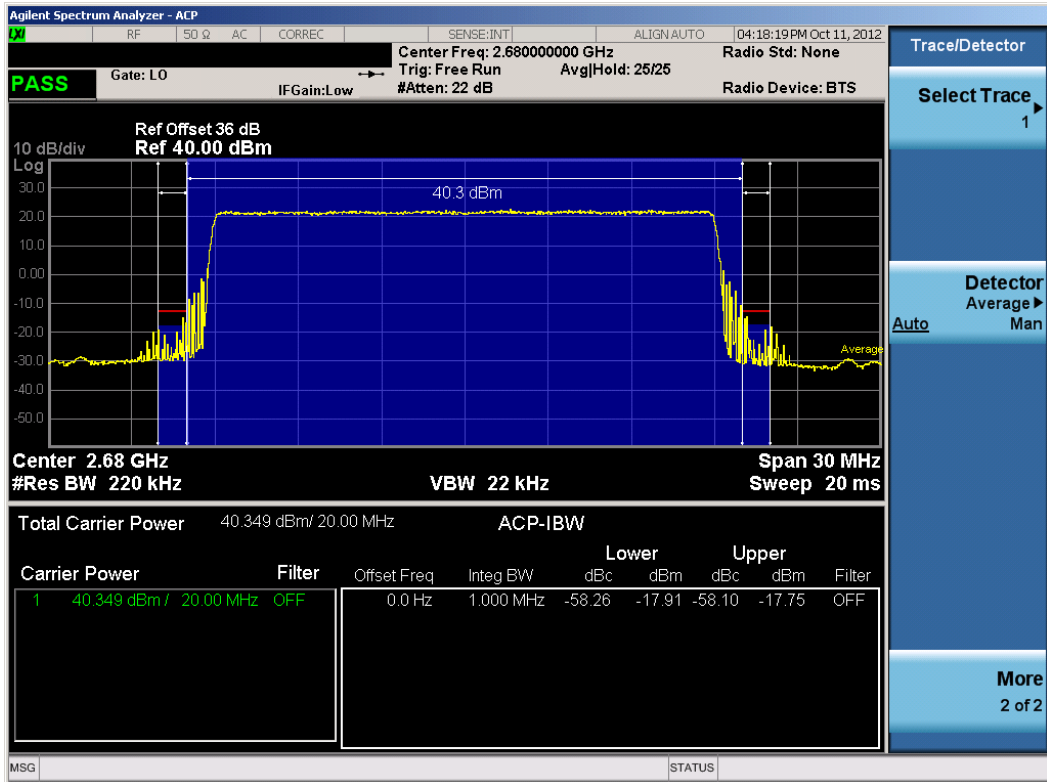


Plot 8-60. Conducted Spurious Plot (TD-LTE Mode – High Channel)



Plot 8-61. Conducted Spurious Plot (TD-LTE Mode – High Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 178 of 247



Plot 8-62. Channel Edge Plot (TD-LTE Mode – High Channel)



Plot 8-63. Lower Extended Channel Edge Plot (TD-LTE Mode – High Channel)

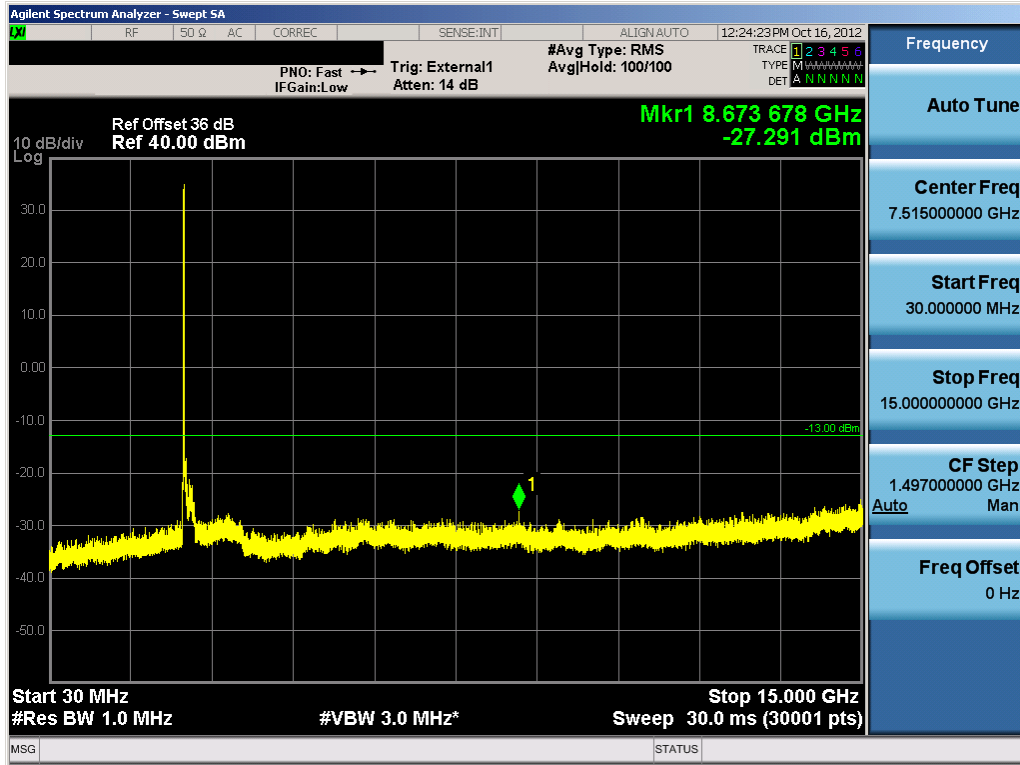
FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 179 of 247



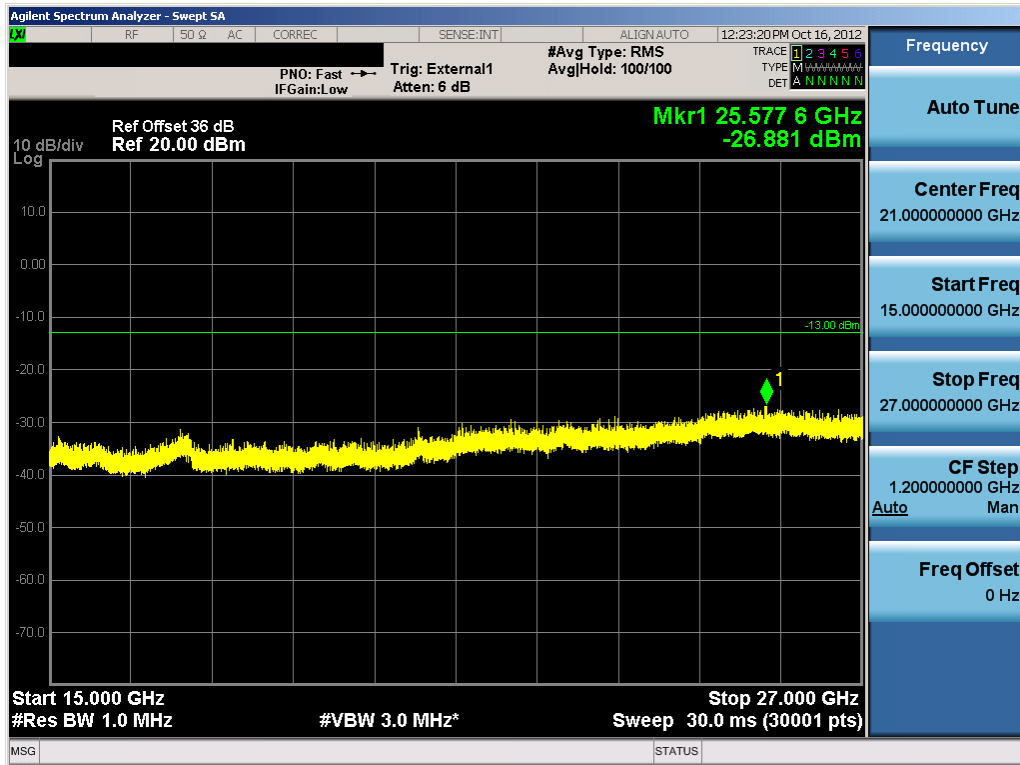
Plot 8-64. Upper Extended Channel Edge Plot (TD-LTE Mode – High Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 180 of 247

16-QAM Modulation

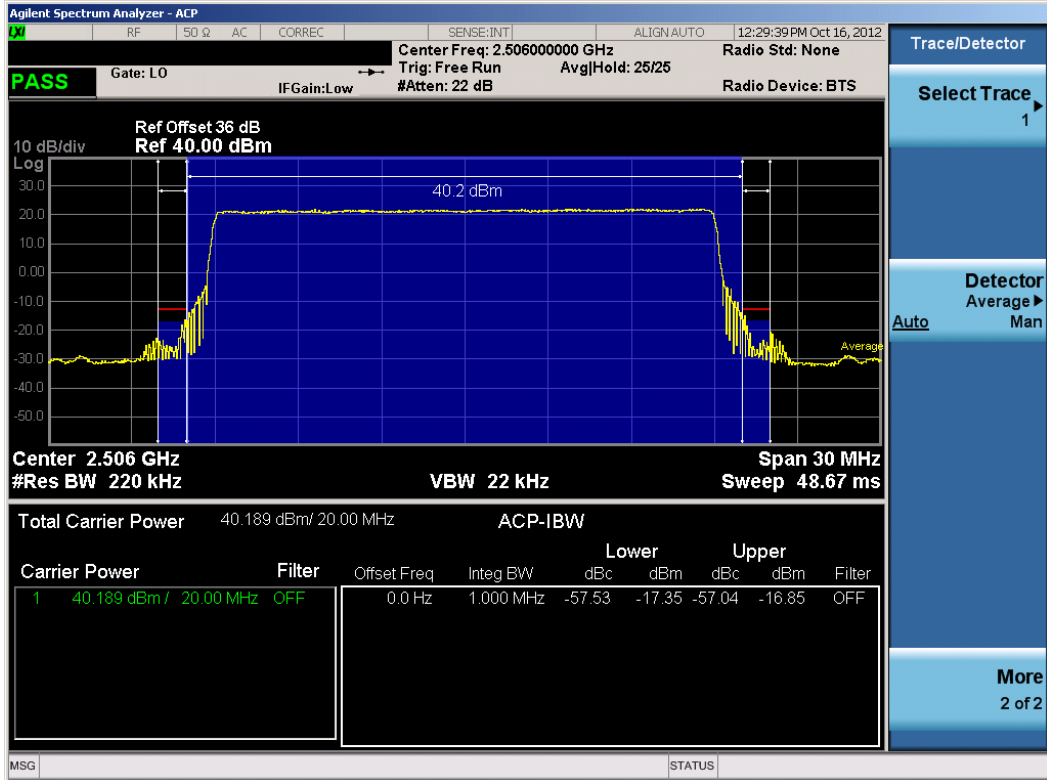


Plot 8-65. Conducted Spurious Plot (TD-LTE Mode – Low Channel)

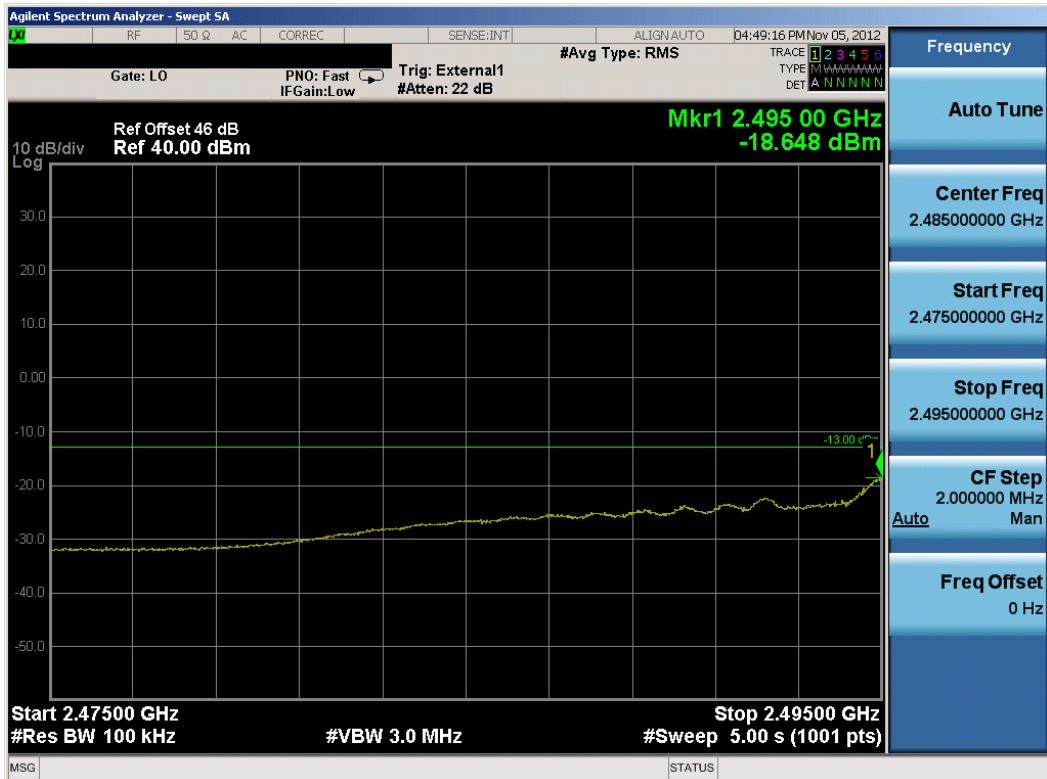


Plot 8-66. Conducted Spurious Plot (TD-LTE Mode – Low Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 181 of 247

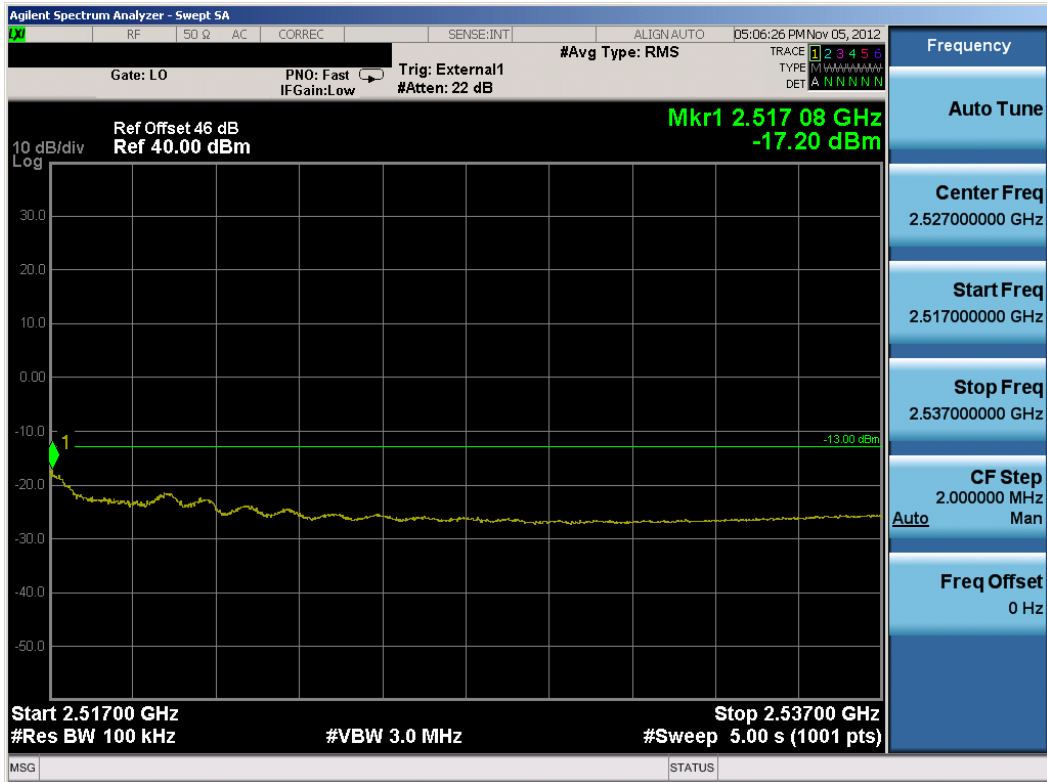


Plot 8-67. Channel Edge Plot (TD-LTE Mode – Low Channel)

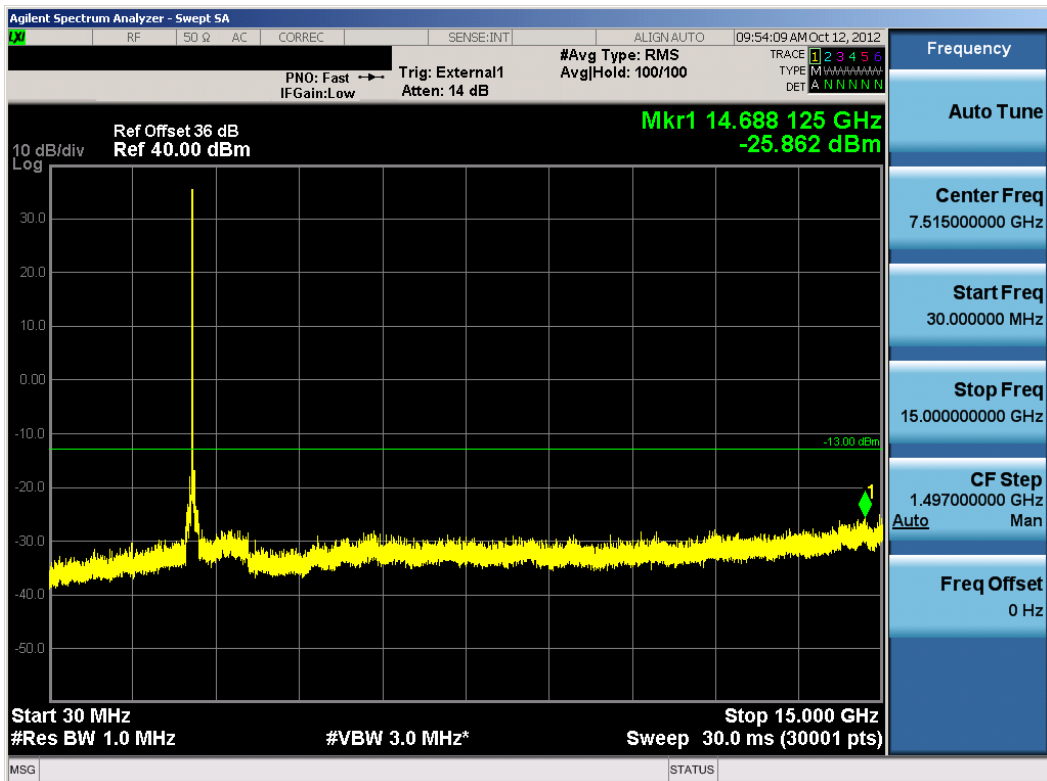


Plot 8-68. Lower Extended Channel Edge Plot (TD-LTE Mode – Low Channel)

FCC ID: A3LSLS-BD104Q1		FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 182 of 247

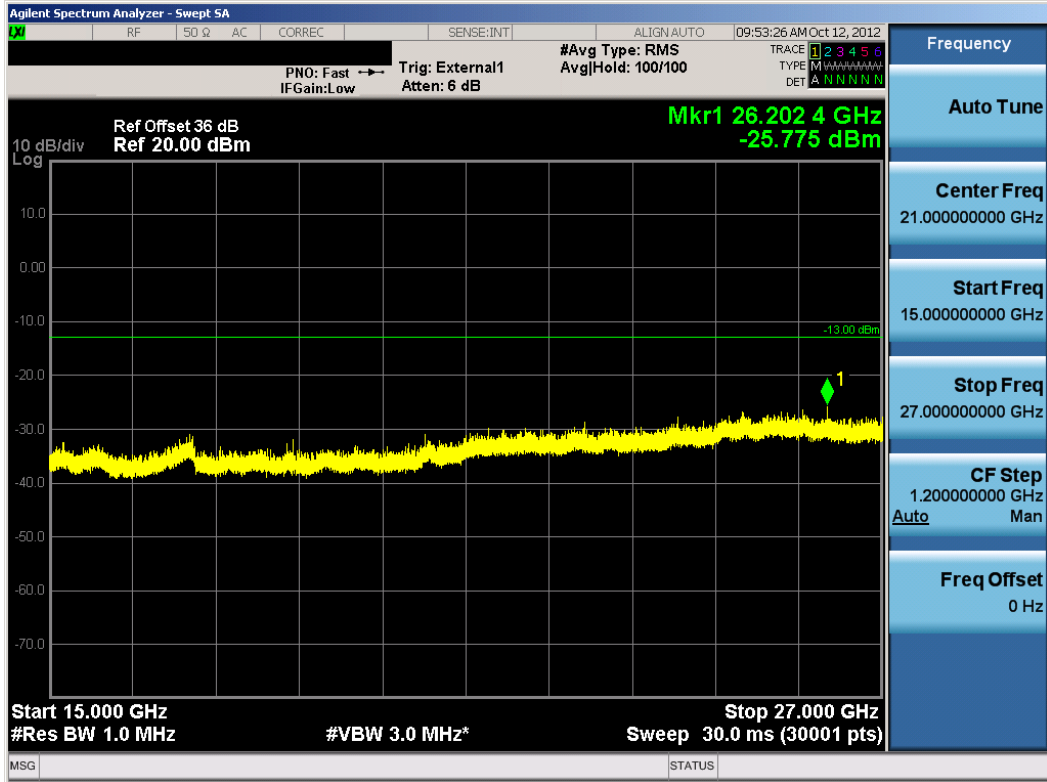


Plot 8-69. Upper Extended Channel Edge Plot (TD-LTE Mode – Low Channel)

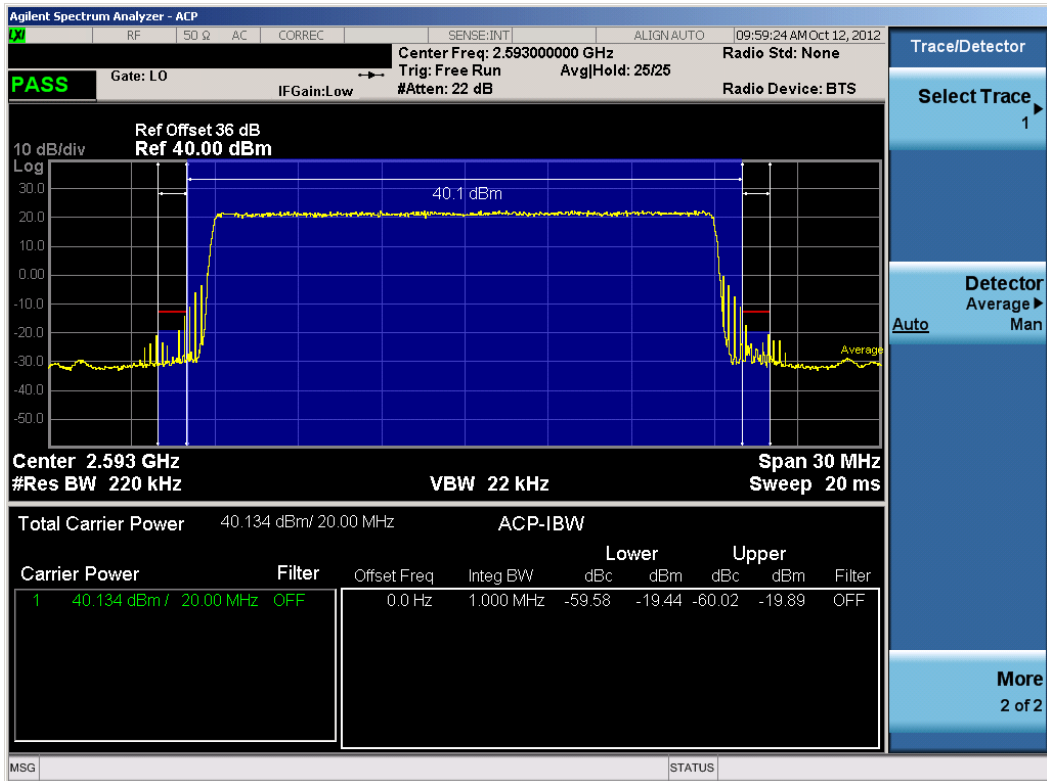


Plot 8-70. Conducted Spurious Plot (TD-LTE Mode – Mid Channel)

FCC ID: A3LSLS-BD104Q1		FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 183 of 247



Plot 8-71. Conducted Spurious Plot (TD-LTE Mode – Mid Channel)

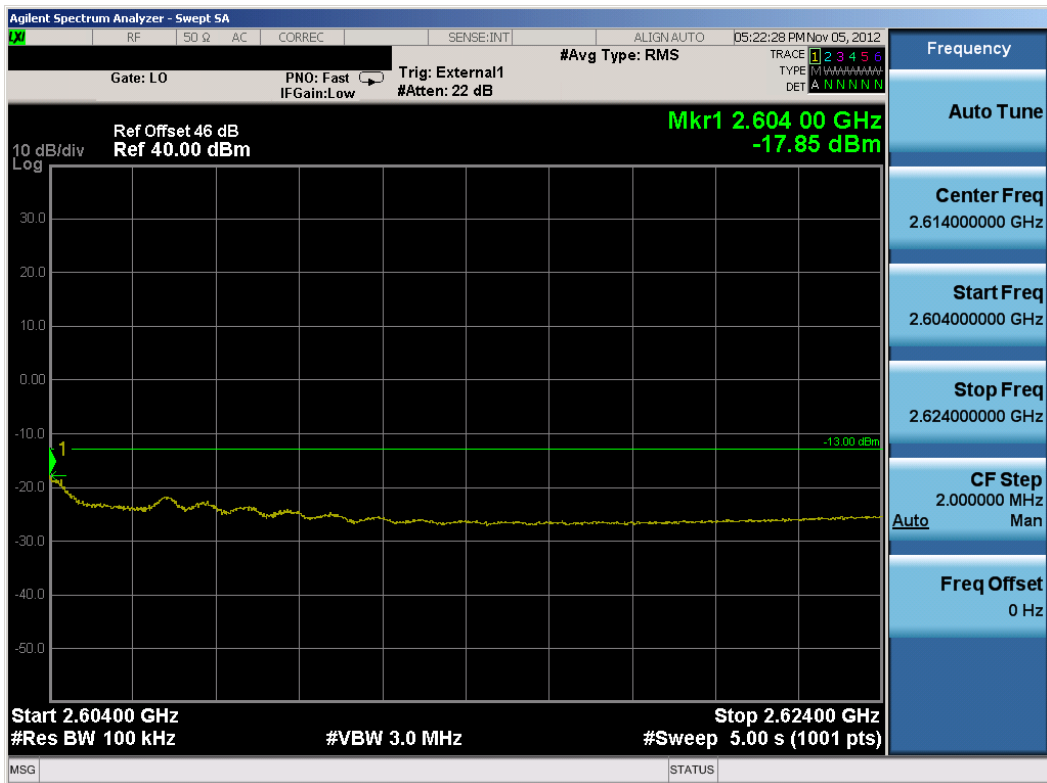


Plot 8-72. Channel Edge Plot (TD-LTE Mode – Mid Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 184 of 247

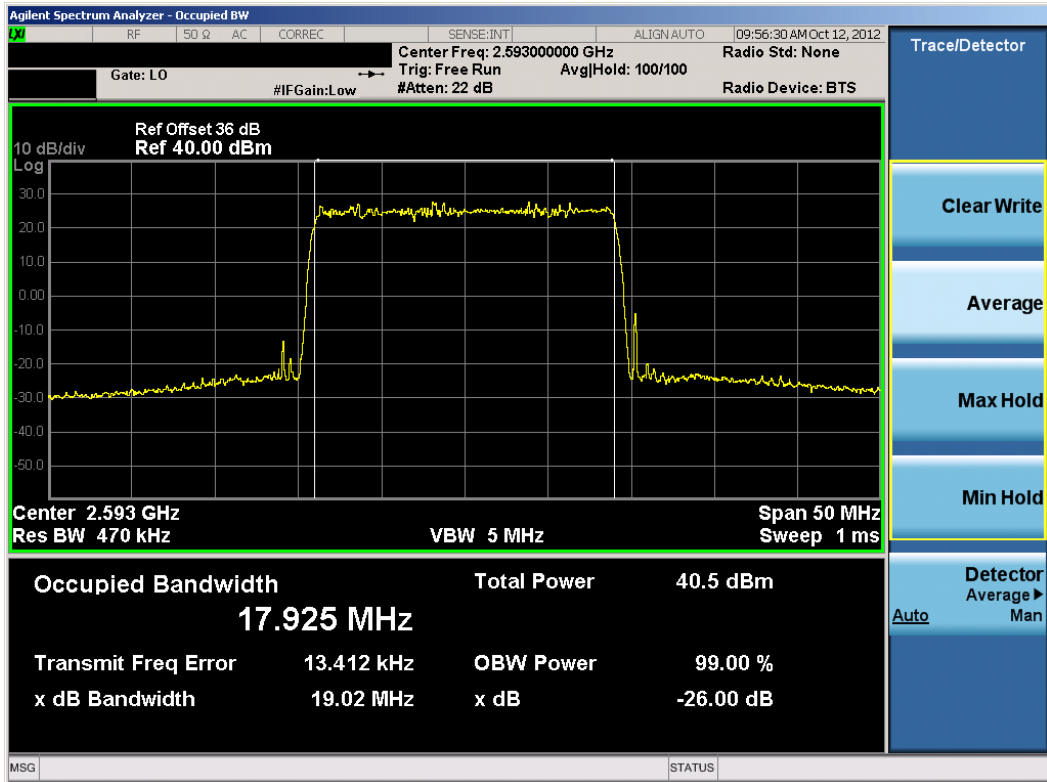


Plot 8-73. Lower Extended Channel Edge Plot (TD-LTE Mode – Mid Channel)

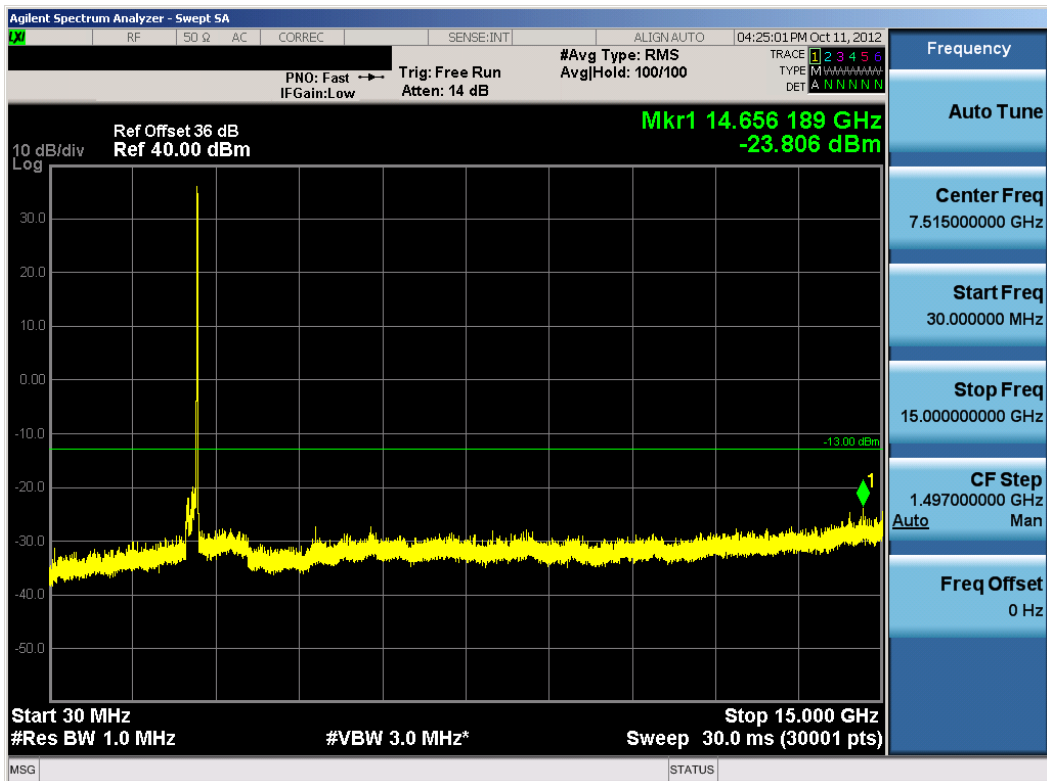


Plot 8-74. Upper Extended Channel Edge Plot (TD-LTE Mode – Mid Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 185 of 247

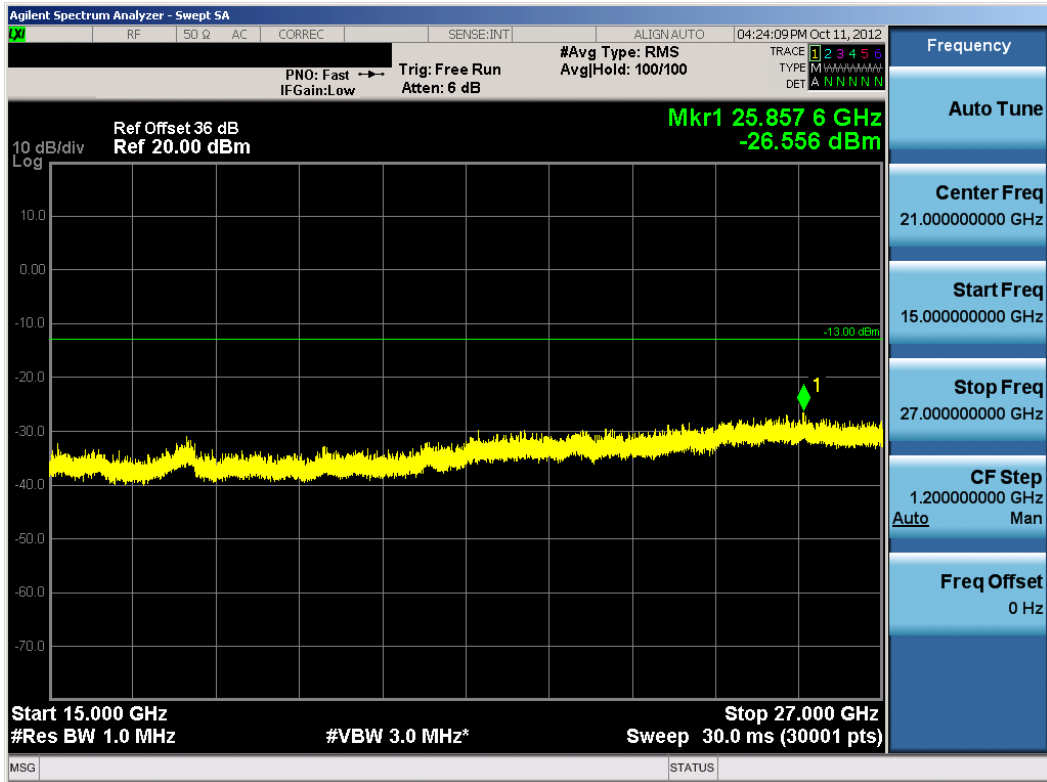


Plot 8-75. Occupied Bandwidth Plot (TD-LTE Mode – Mid Channel)

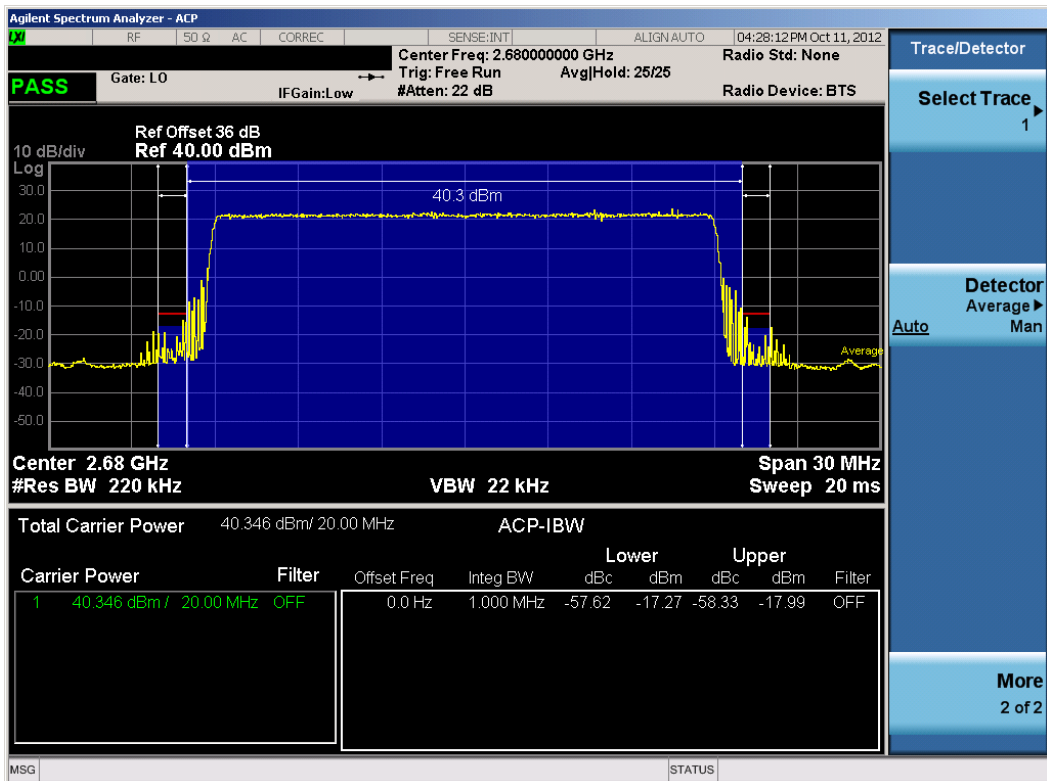


Plot 8-76. Conducted Spurious Plot (TD-LTE Mode – High Channel)

FCC ID: A3LSLS-BD104Q1		FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 186 of 247

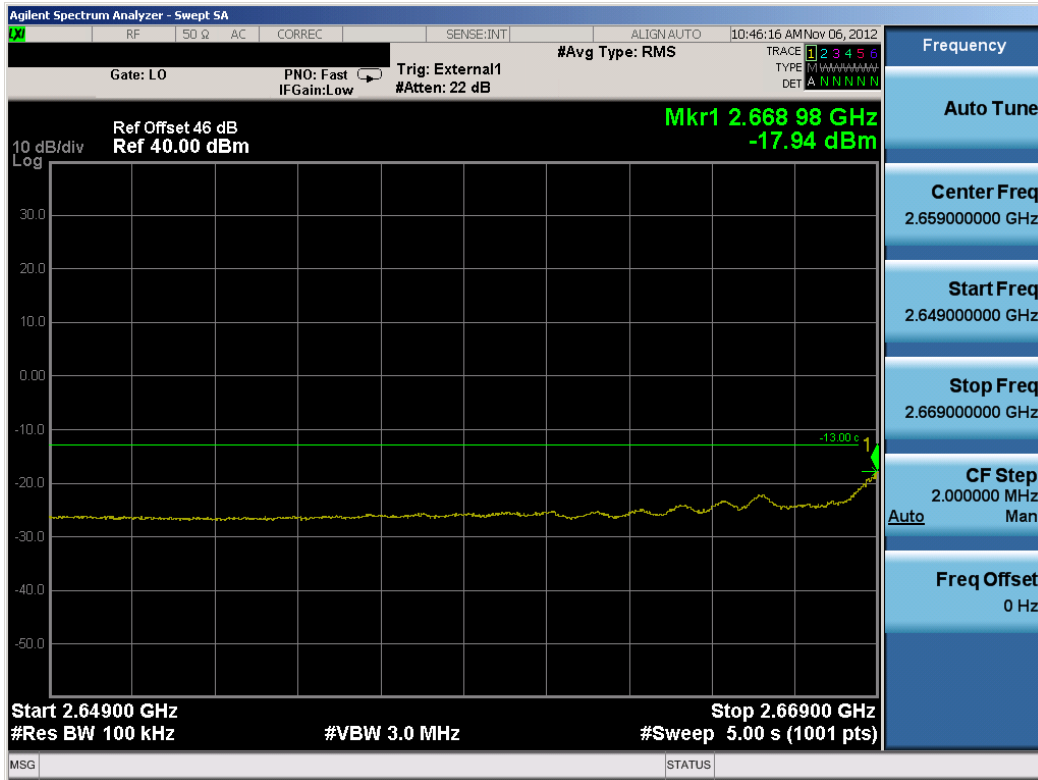


Plot 8-77. Conducted Spurious Plot (TD-LTE Mode – High Channel)

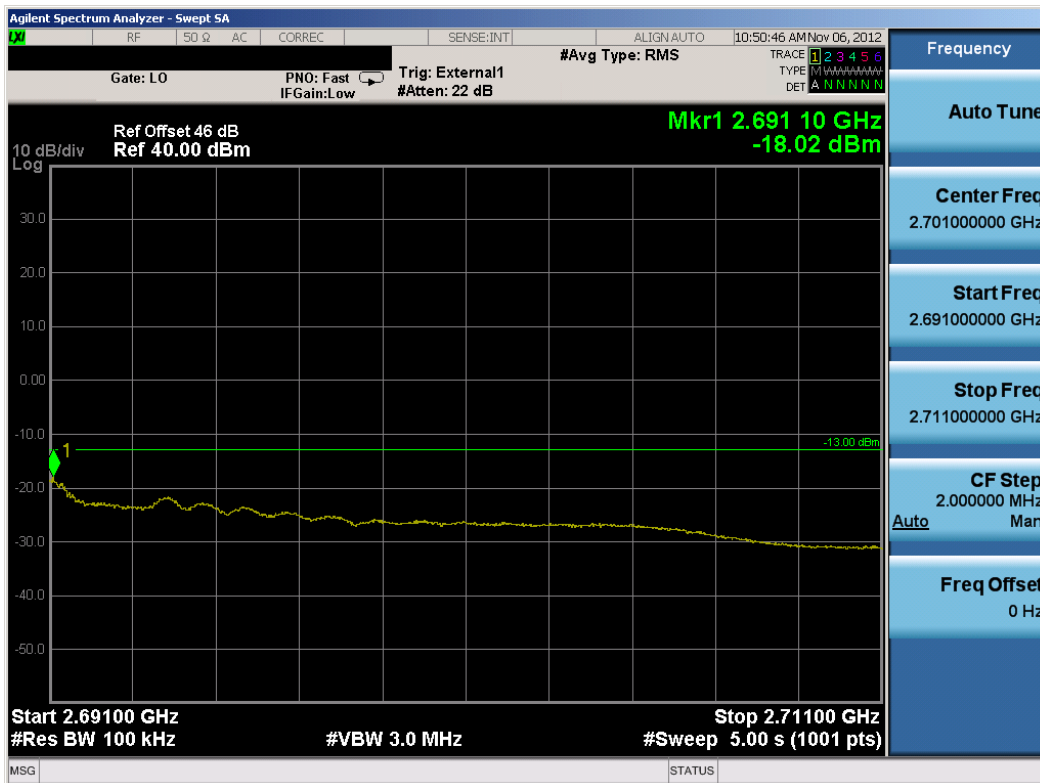


Plot 8-78. Channel Edge Plot (TD-LTE Mode – High Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 187 of 247



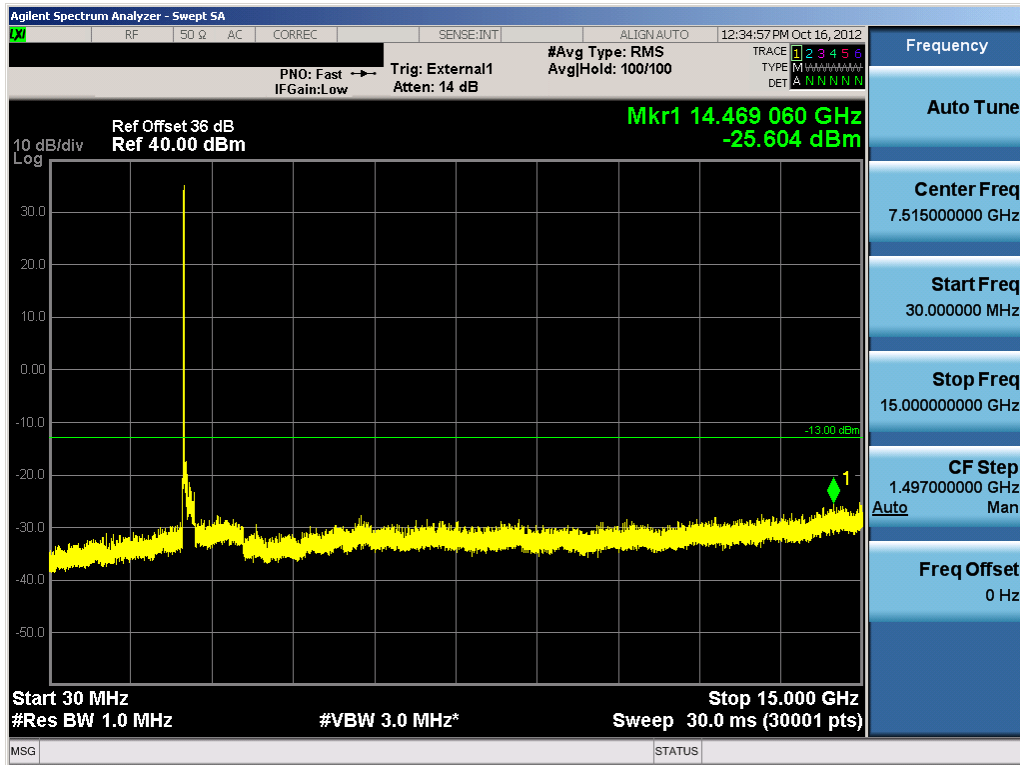
Plot 8-79. Lower Extended Channel Edge Plot (TD-LTE Mode – High Channel)



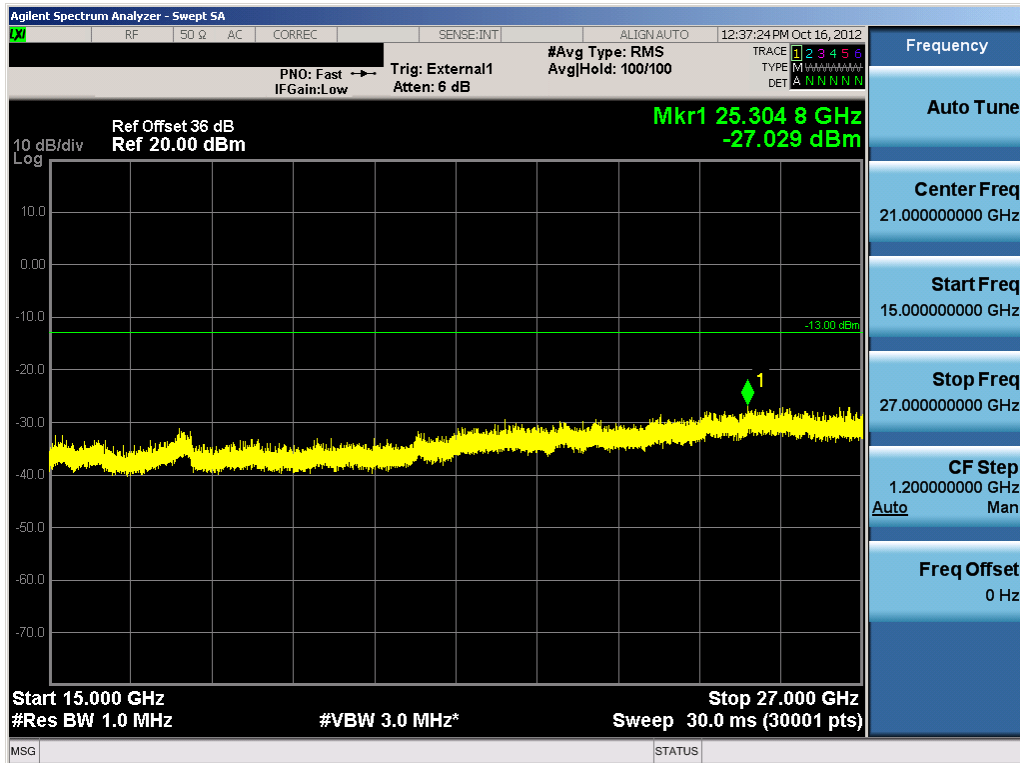
Plot 8-80. Upper Extended Channel Edge Plot (TD-LTE Mode – High Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 188 of 247

64-QAM Modulation

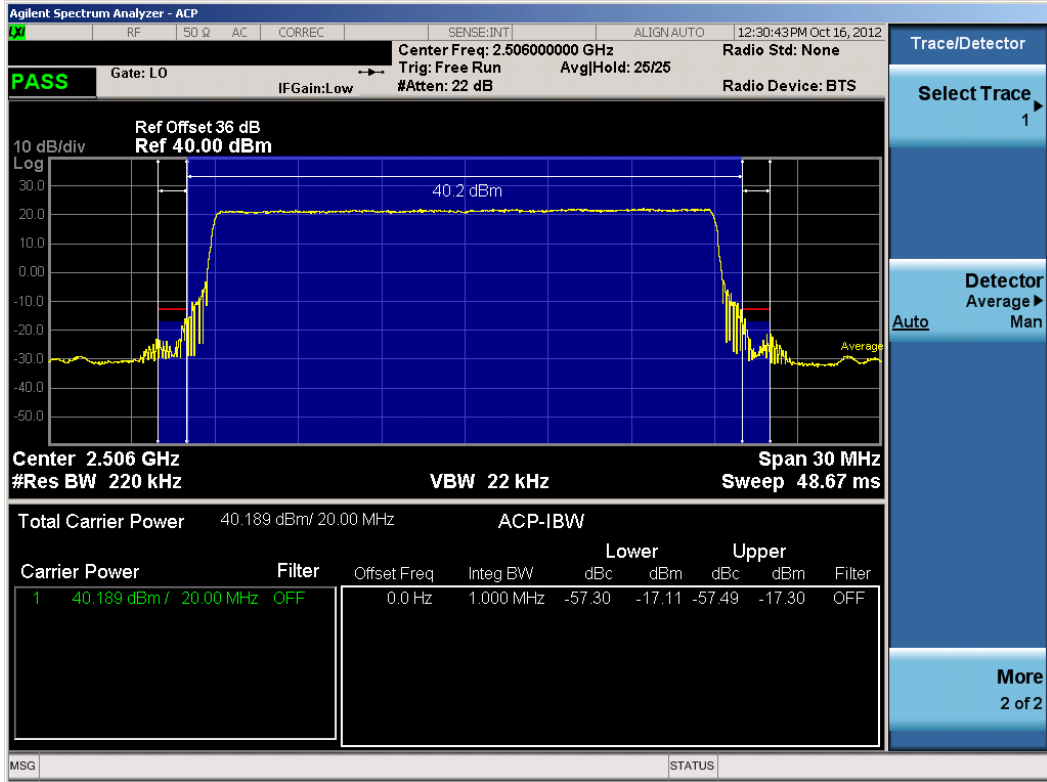


Plot 8-81. Conducted Spurious Plot (TD-LTE Mode – Low Channel)

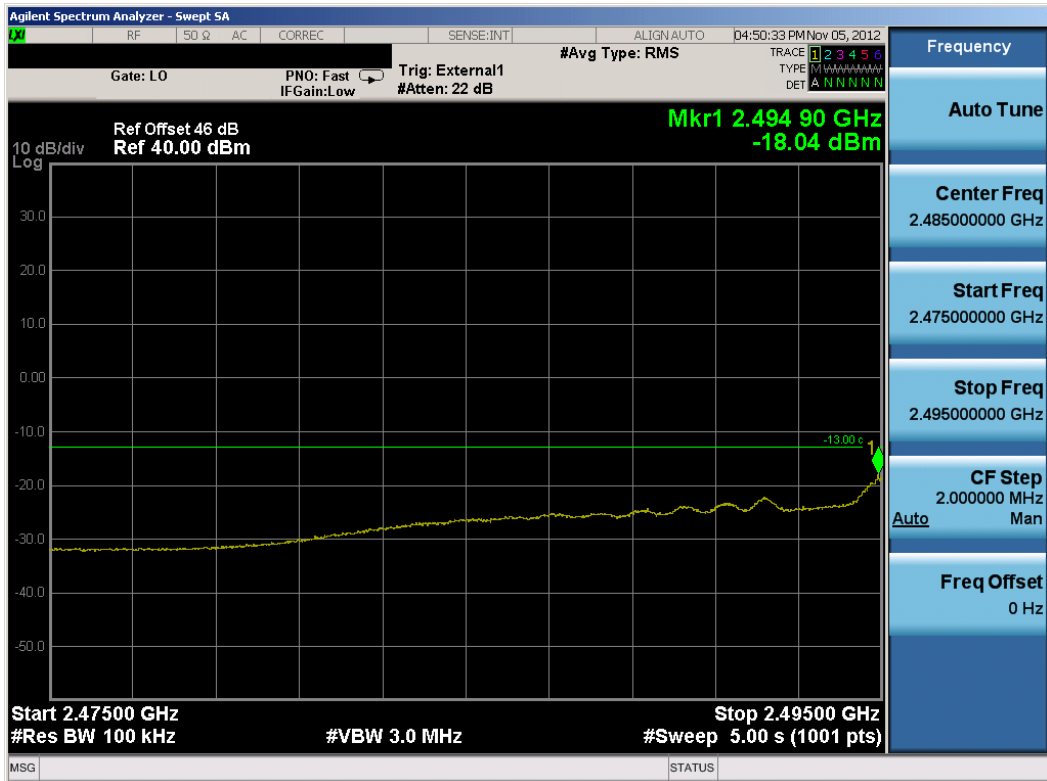


Plot 8-82. Conducted Spurious Plot (TD-LTE Mode – Low Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 189 of 247

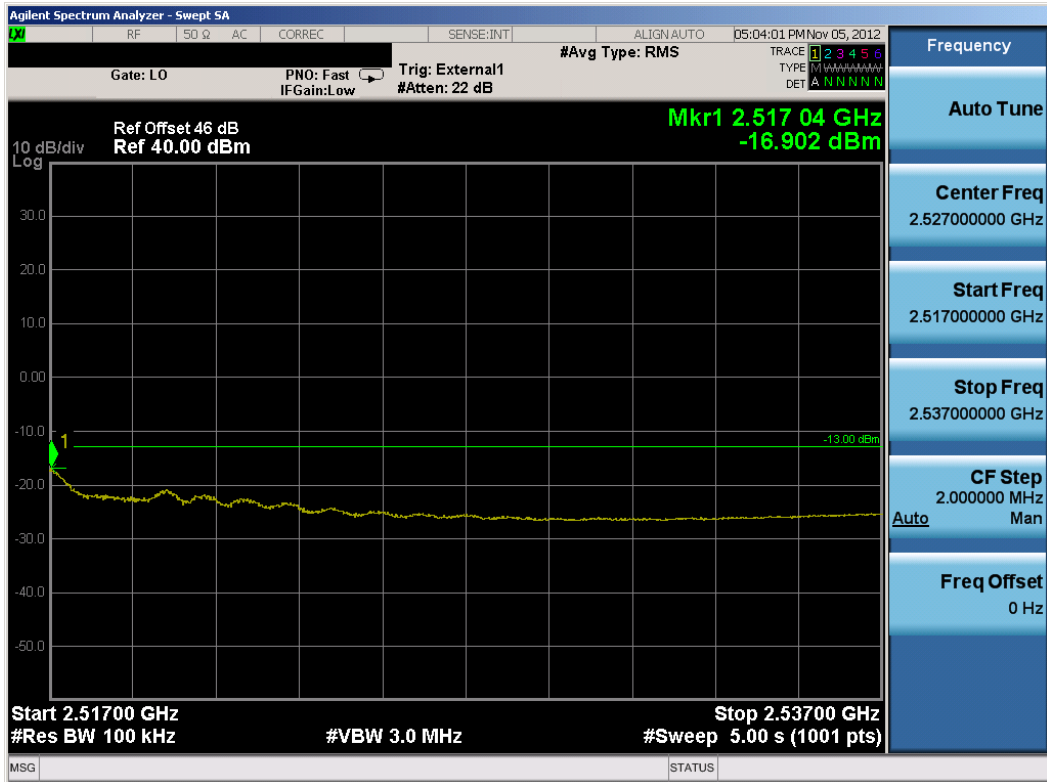


Plot 8-83. Channel Edge Plot (TD-LTE Mode – Low Channel)

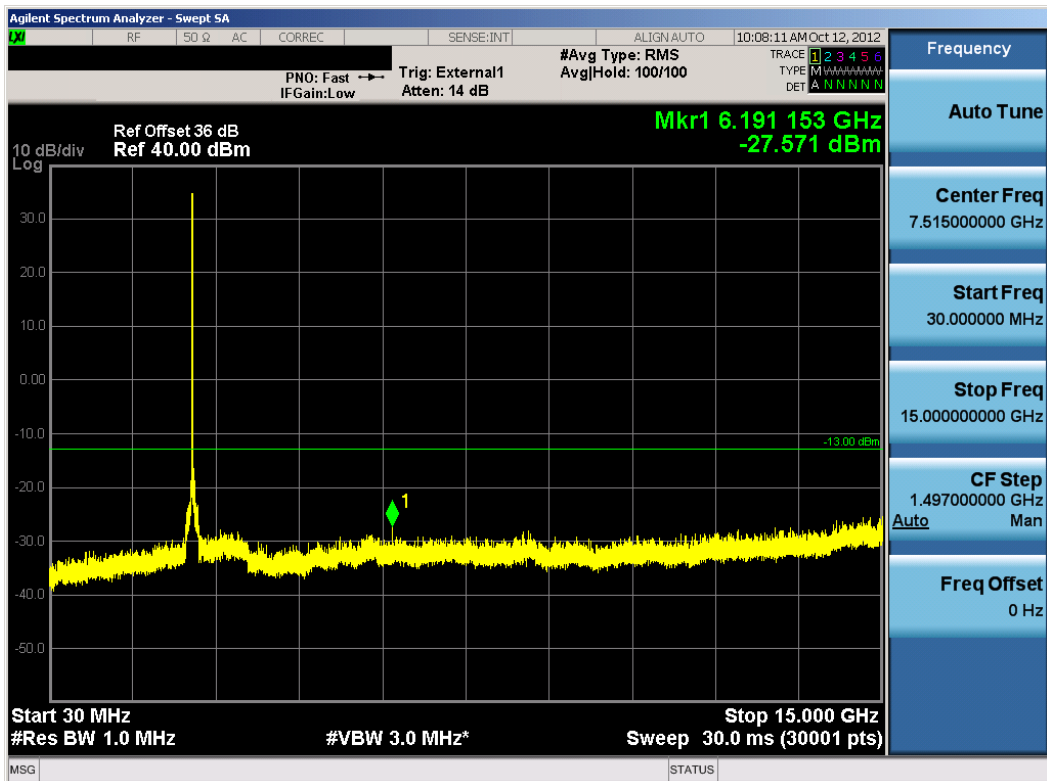


Plot 8-84. Lower Extended Channel Edge Plot (TD-LTE Mode – Low Channel)

FCC ID: A3LSLS-BD104Q1		FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 190 of 247

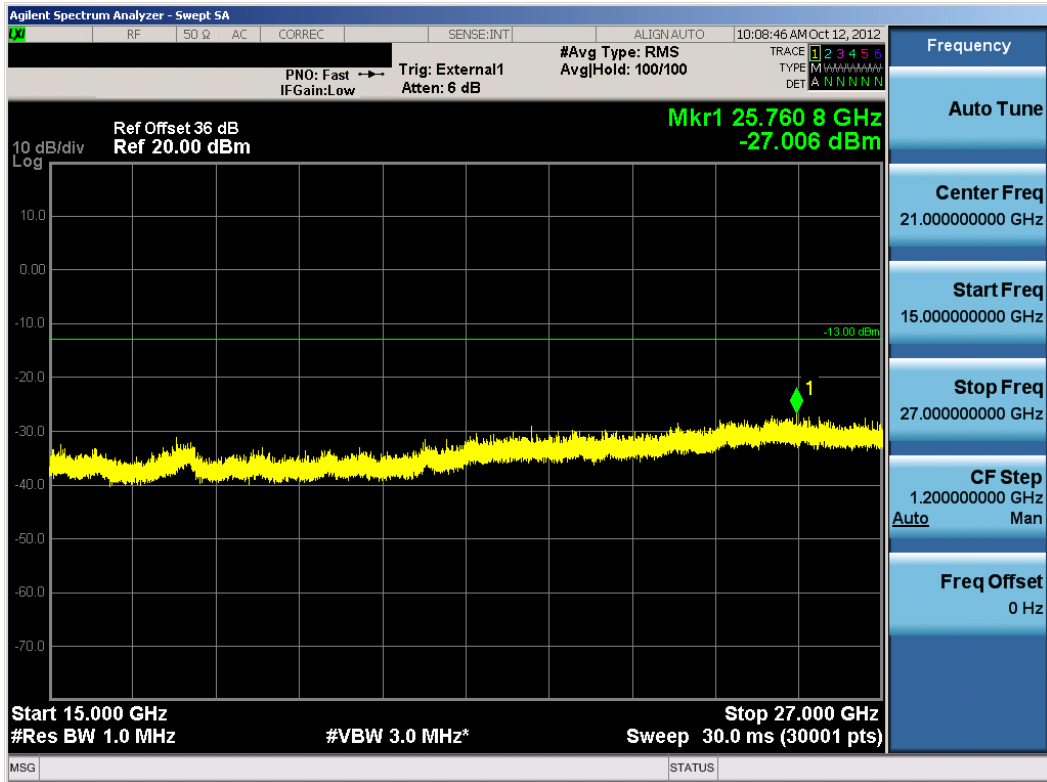


Plot 8-85. Upper Extended Channel Edge Plot (TD-LTE Mode – Low Channel)

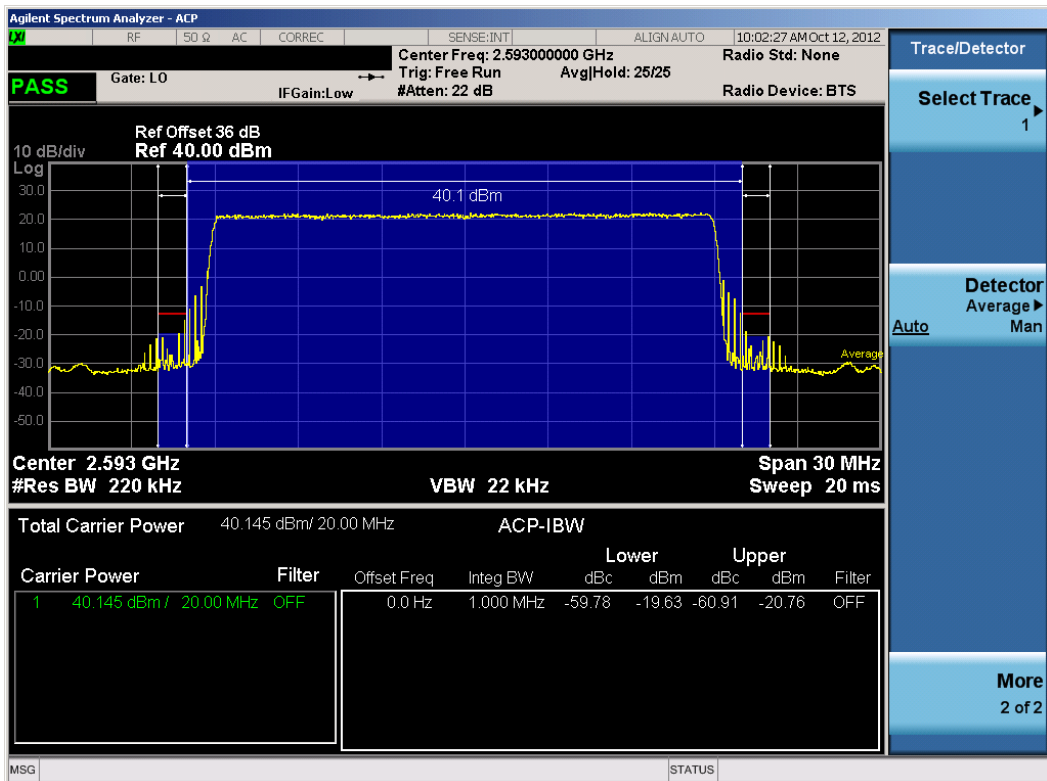


Plot 8-86. Conducted Spurious Plot (TD-LTE Mode – Mid Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 191 of 247

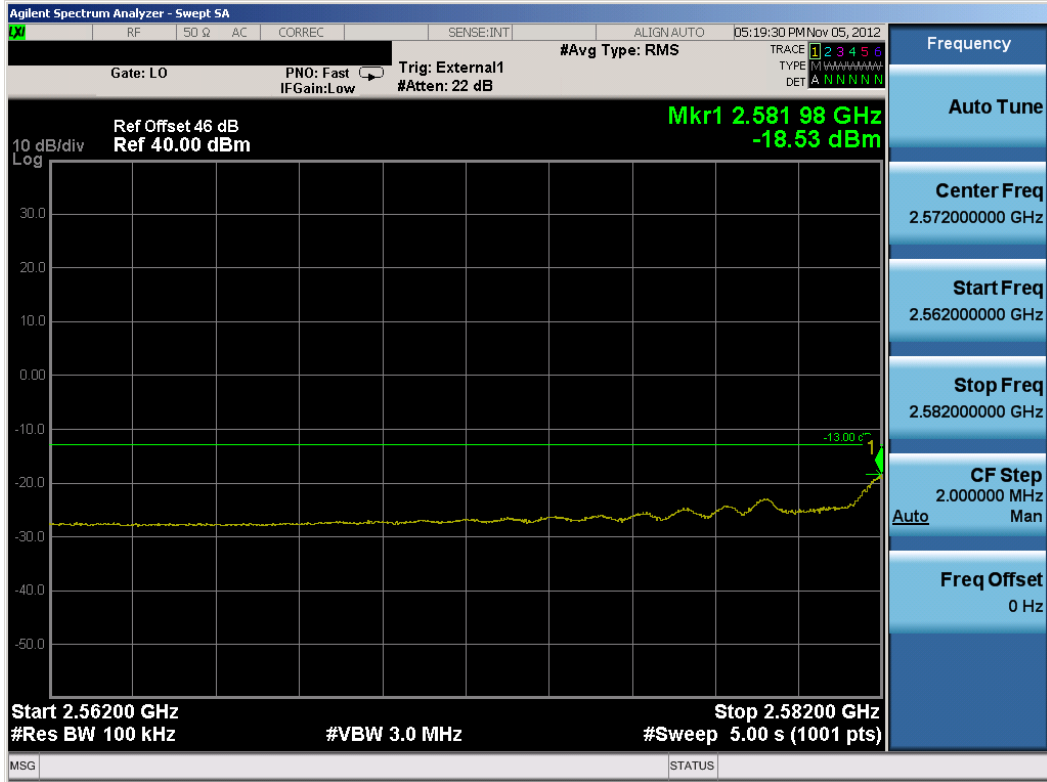


Plot 8-87. Conducted Spurious Plot (TD-LTE Mode – Mid Channel)

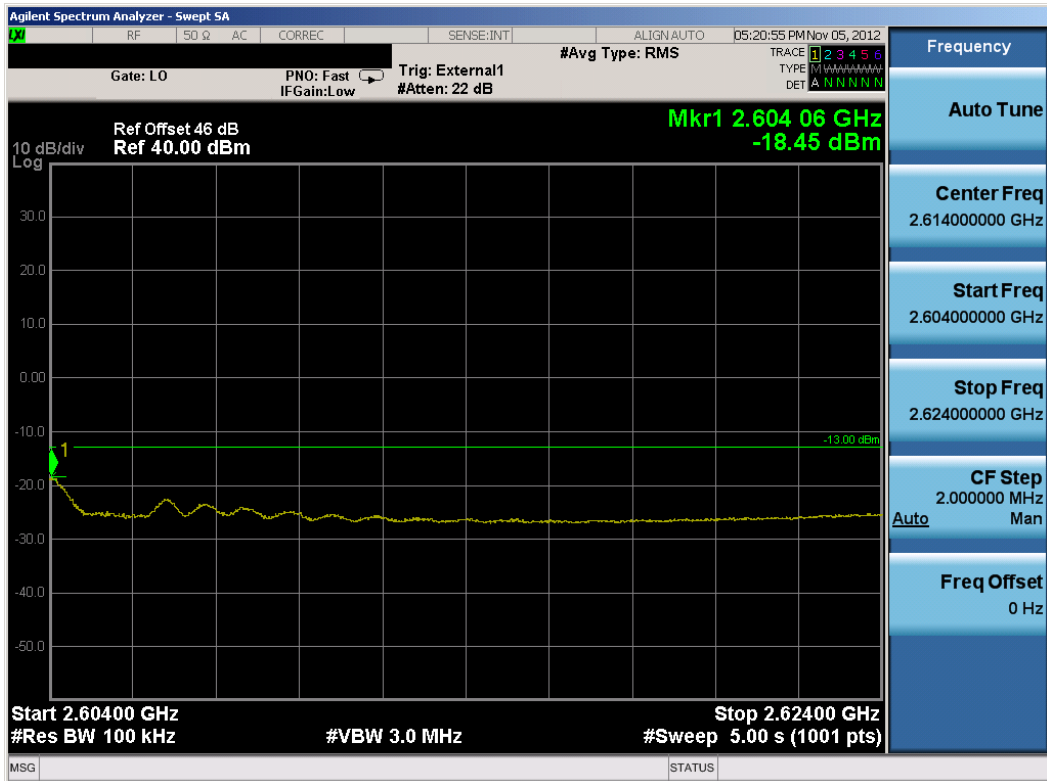


Plot 8-88. Channel Edge Plot (TD-LTE Mode – Mid Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 192 of 247

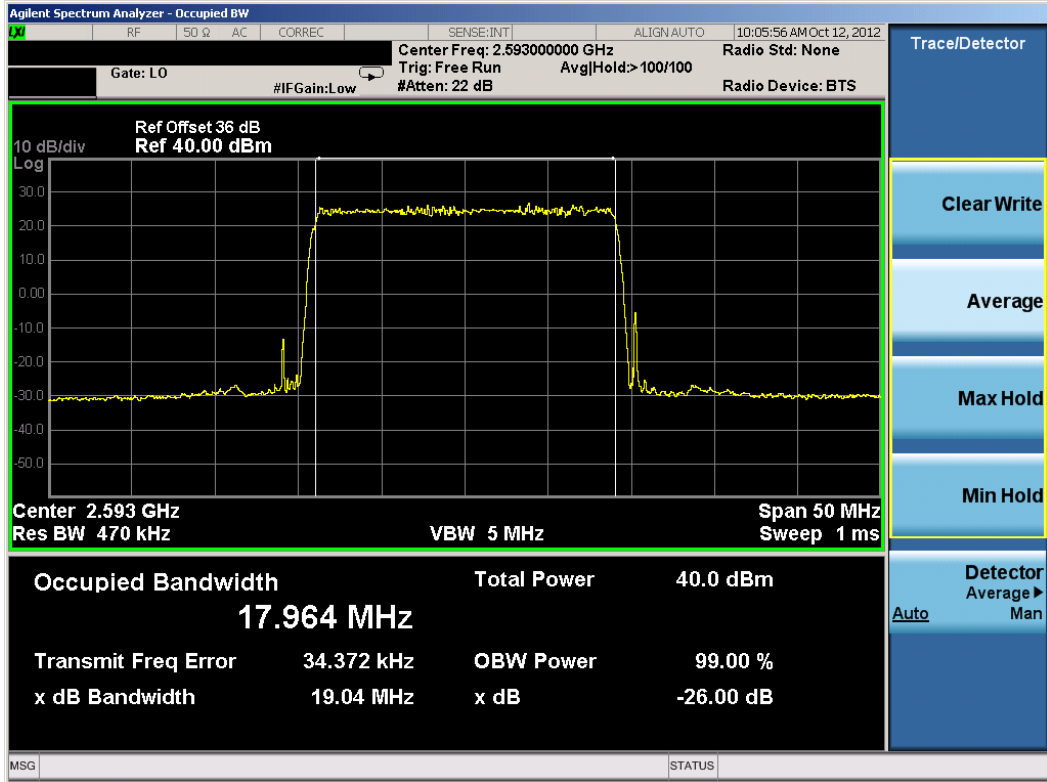


Plot 8-89. Lower Extended Channel Edge Plot (TD-LTE Mode – Mid Channel)

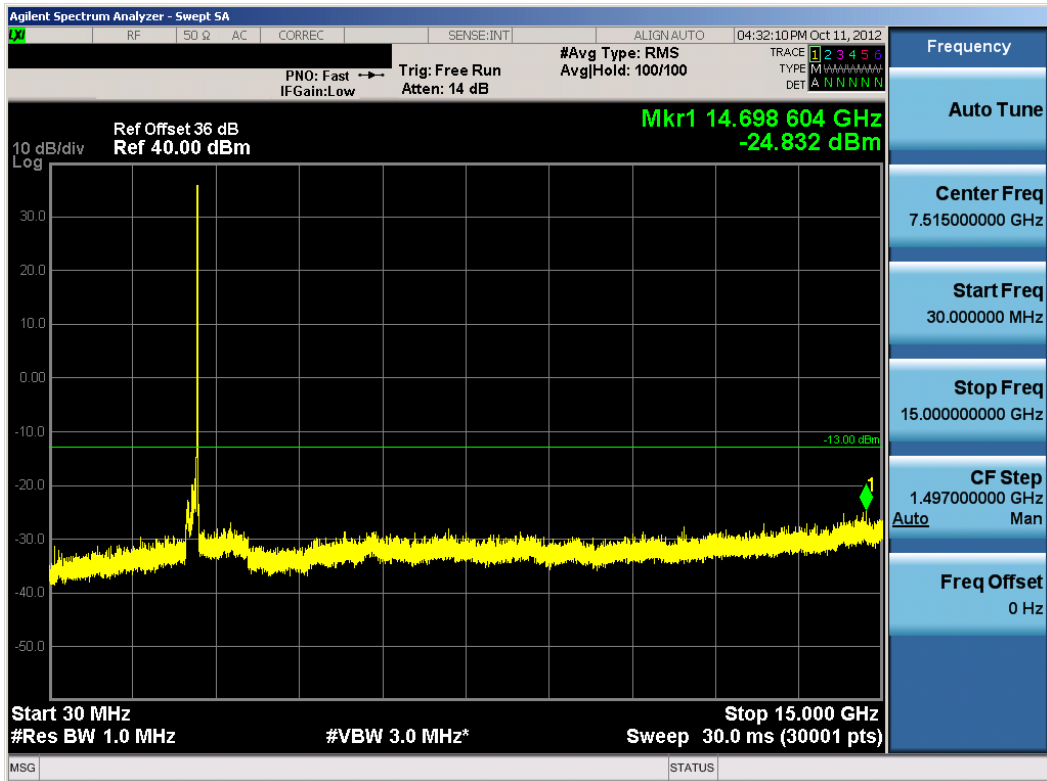


Plot 8-90. Upper Extended Channel Edge Plot (TD-LTE Mode – Mid Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 193 of 247

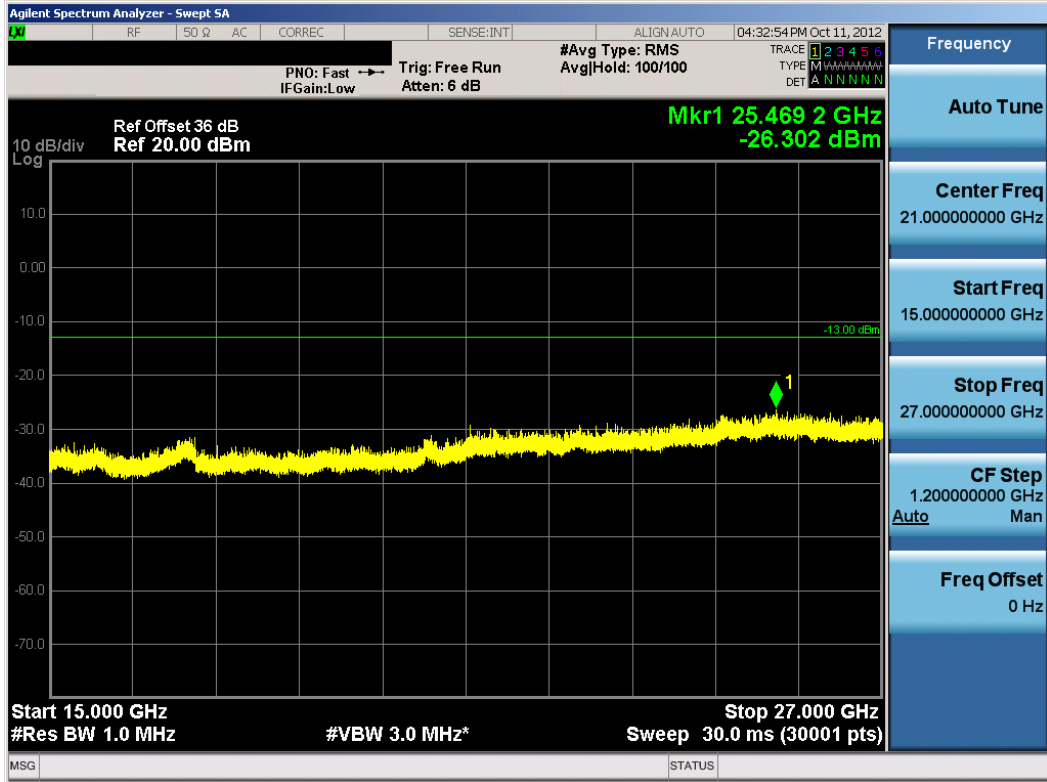


Plot 8-91. Occupied Bandwidth Plot (TD-LTE Mode – Mid Channel)

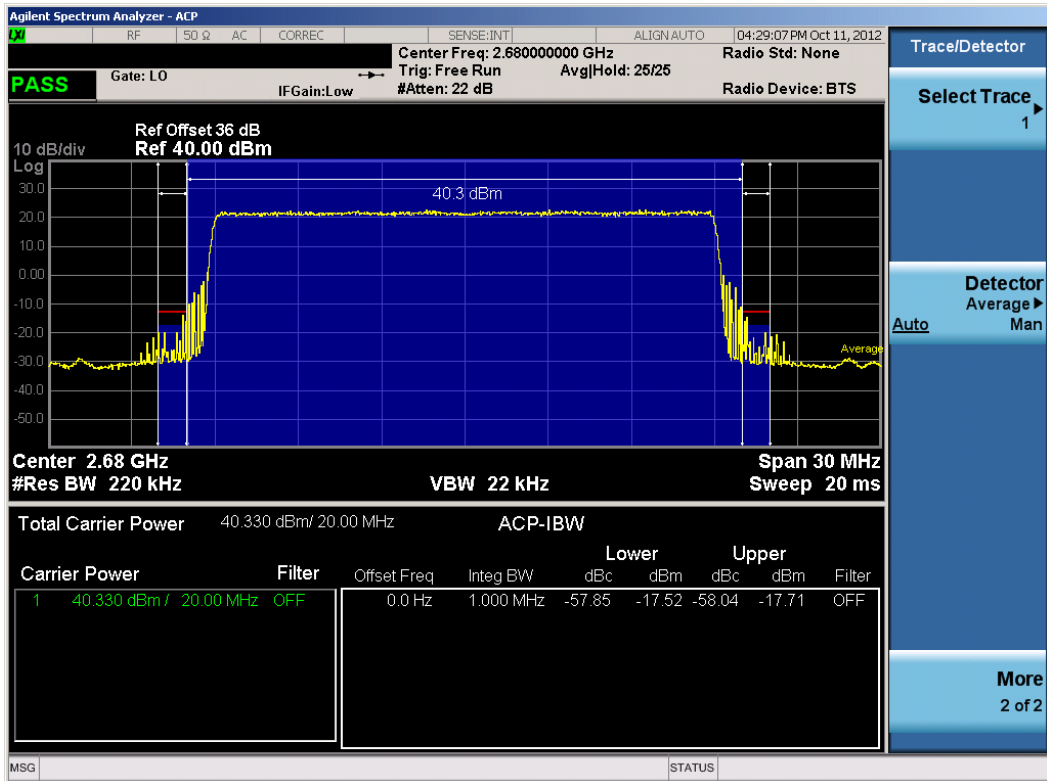


Plot 8-92. Conducted Spurious Plot (TD-LTE Mode – High Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 194 of 247

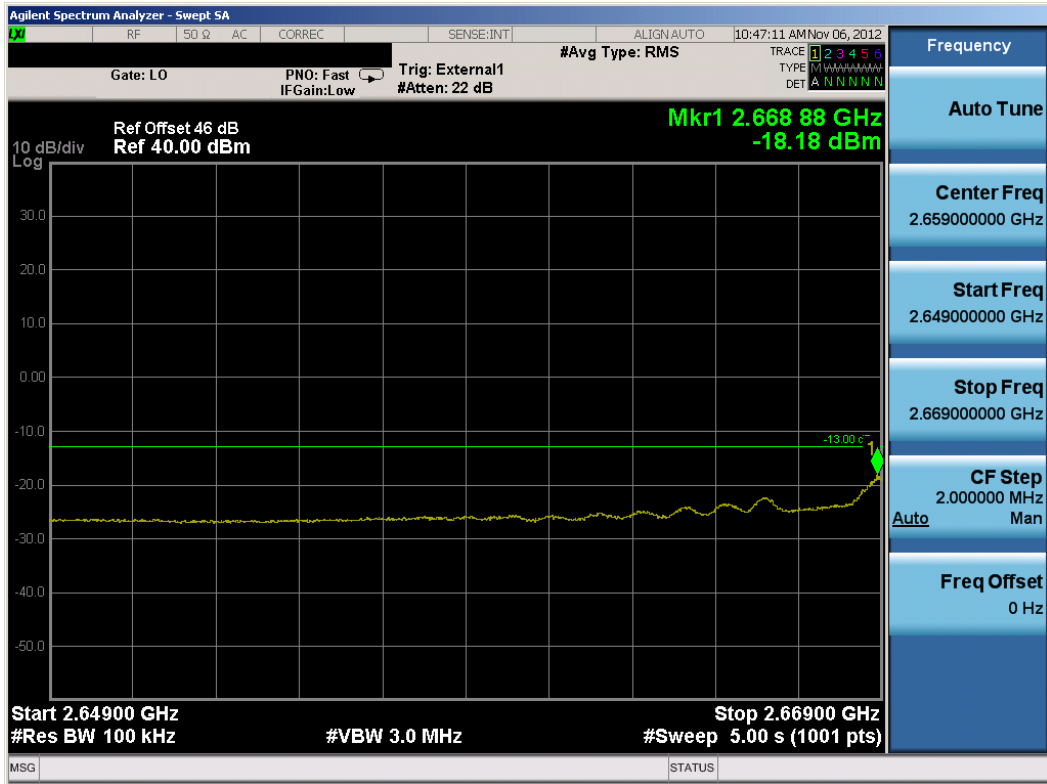


Plot 8-93. Conducted Spurious Plot (TD-LTE Mode – High Channel)

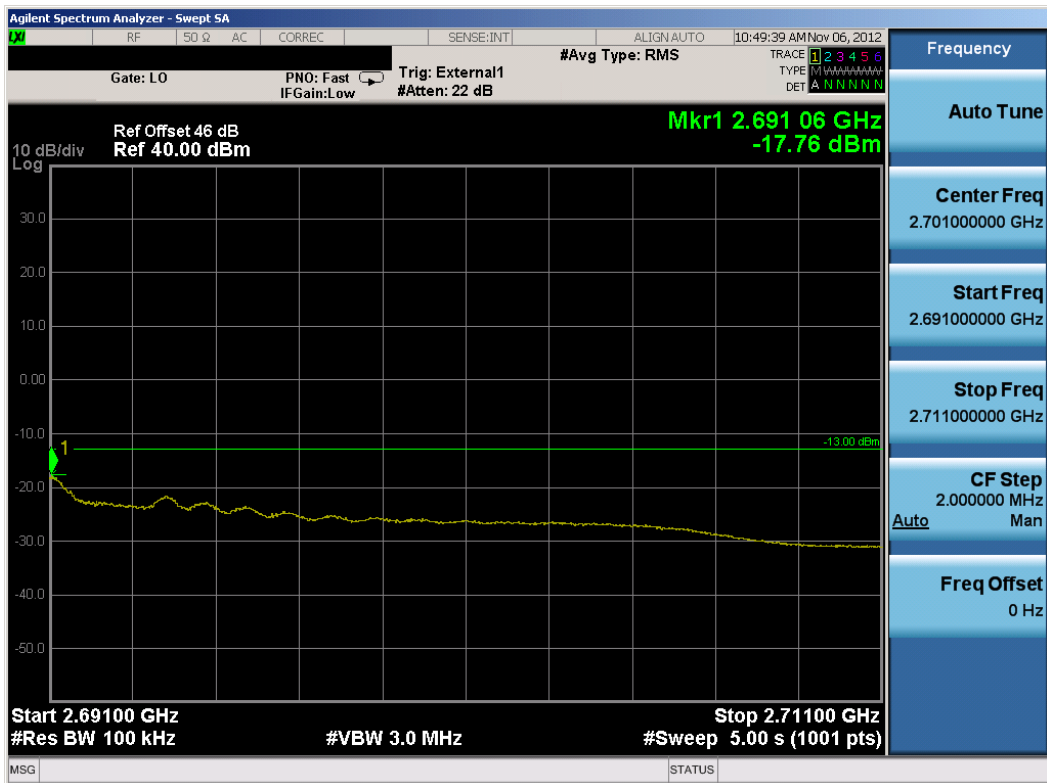


Plot 8-94. Channel Edge Plot (TD-LTE Mode – High Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 195 of 247



Plot 8-95. Lower Extended Channel Edge Plot (TD-LTE Mode – High Channel)

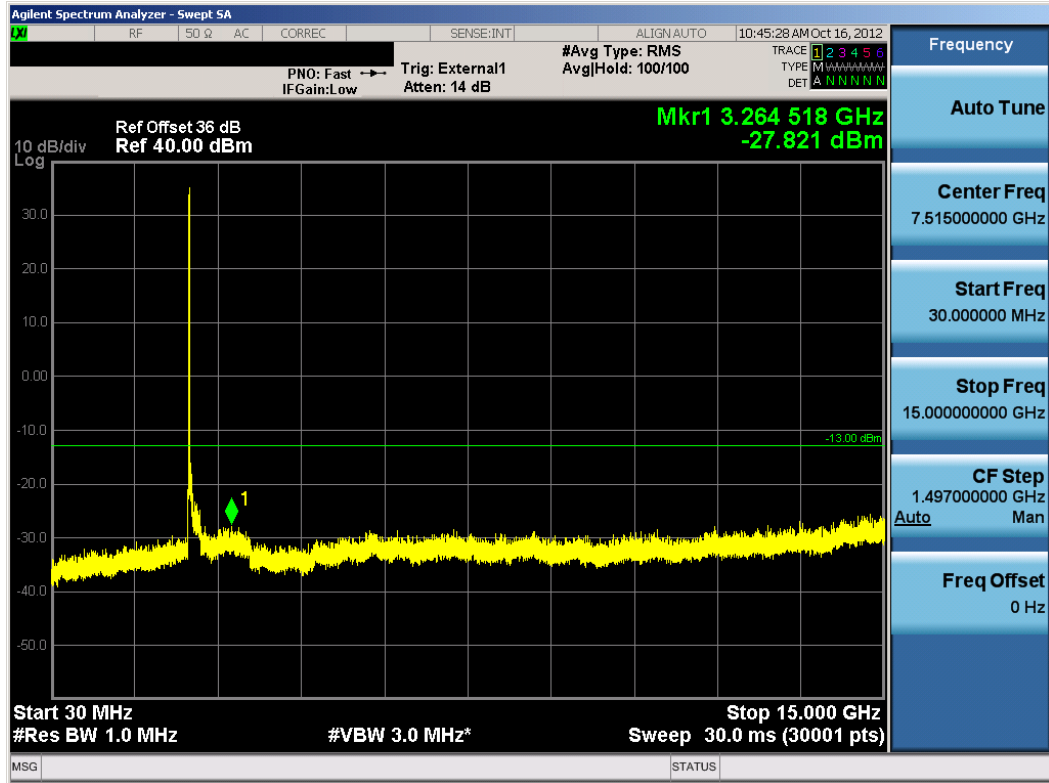


Plot 8-96. Upper Extended Channel Edge Plot (TD-LTE Mode – High Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 196 of 247

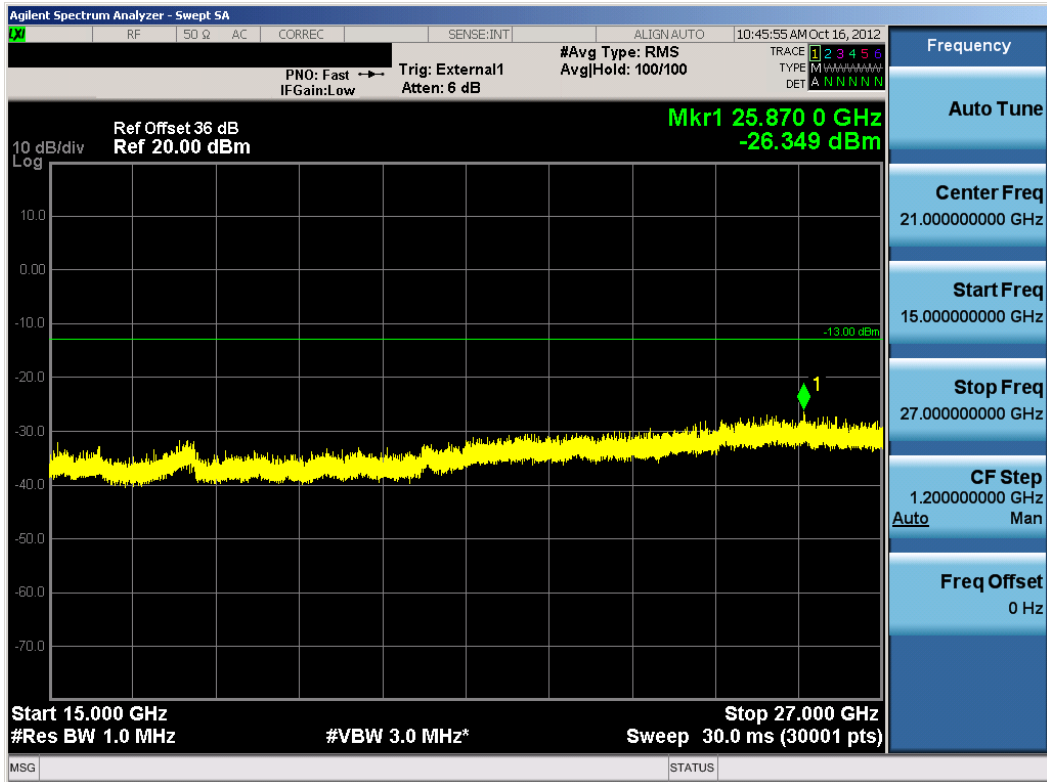
8.3 RF Port 2 (TD-LTE)

QPSK Modulation

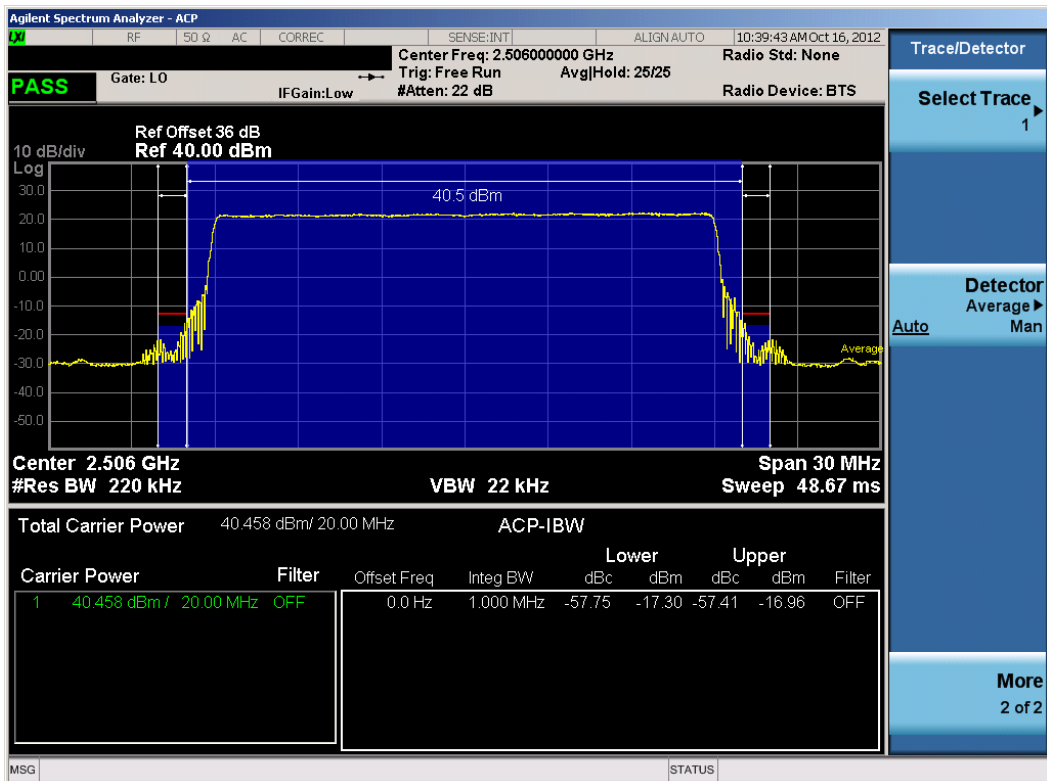


Plot 8-97. Conducted Spurious Plot (TD-LTE Mode – Low Channel)

FCC ID: A3LSLS-BD104Q1		FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 197 of 247

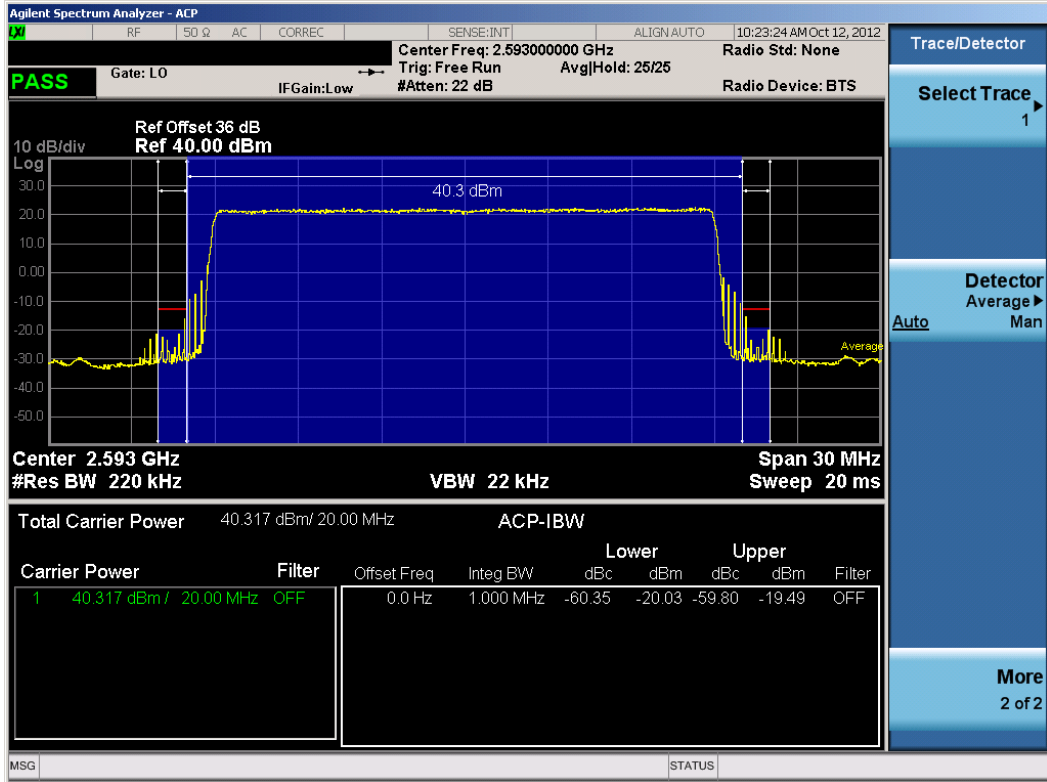


Plot 8-98. Conducted Spurious Plot (TD-LTE Mode – Low Channel)

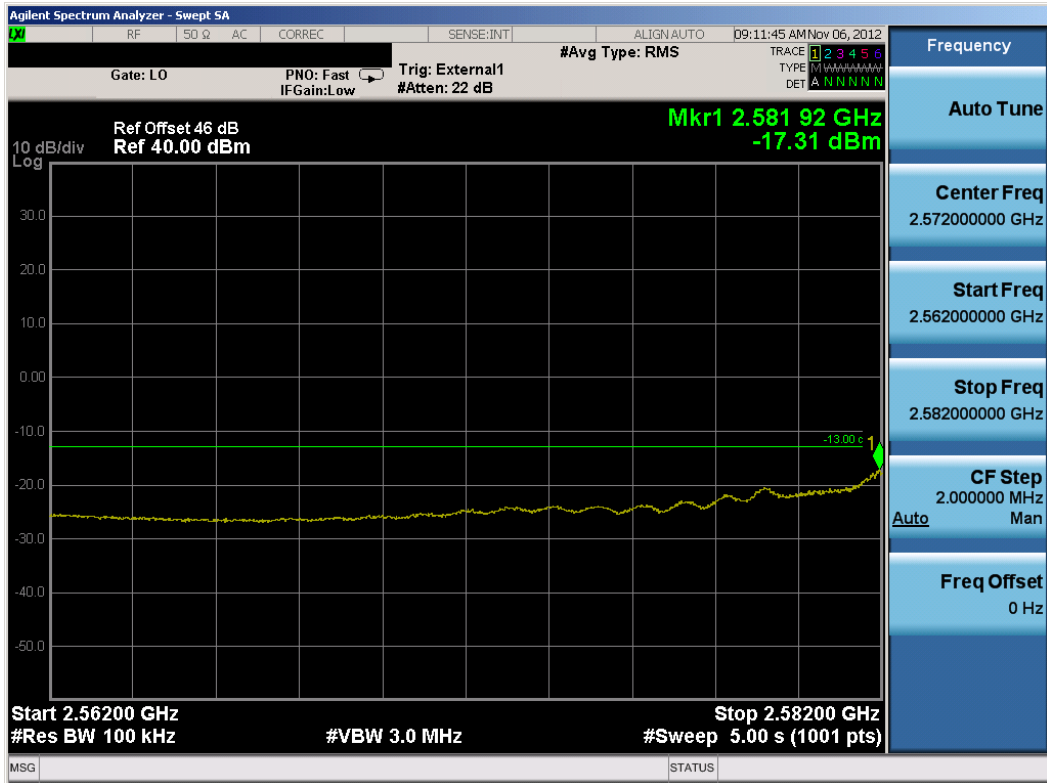


Plot 8-99. Channel Edge Plot (TD-LTE Mode – Low Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 198 of 247

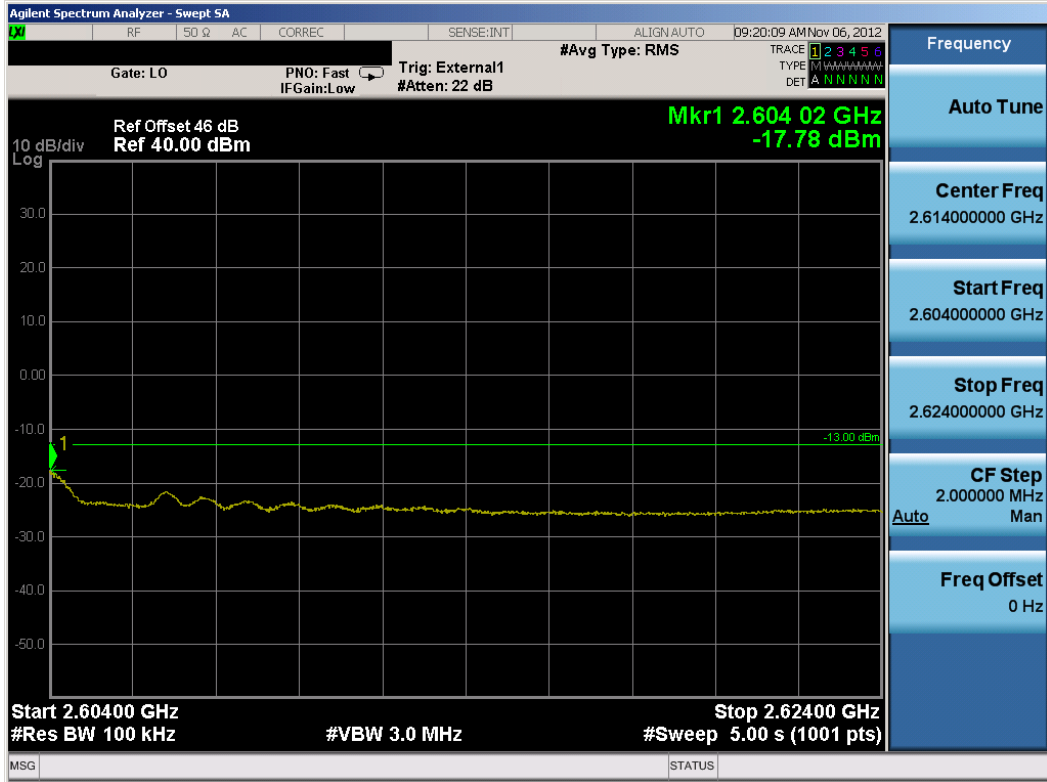


Plot 8-104. Channel Edge Plot (TD-LTE Mode – Mid Channel)

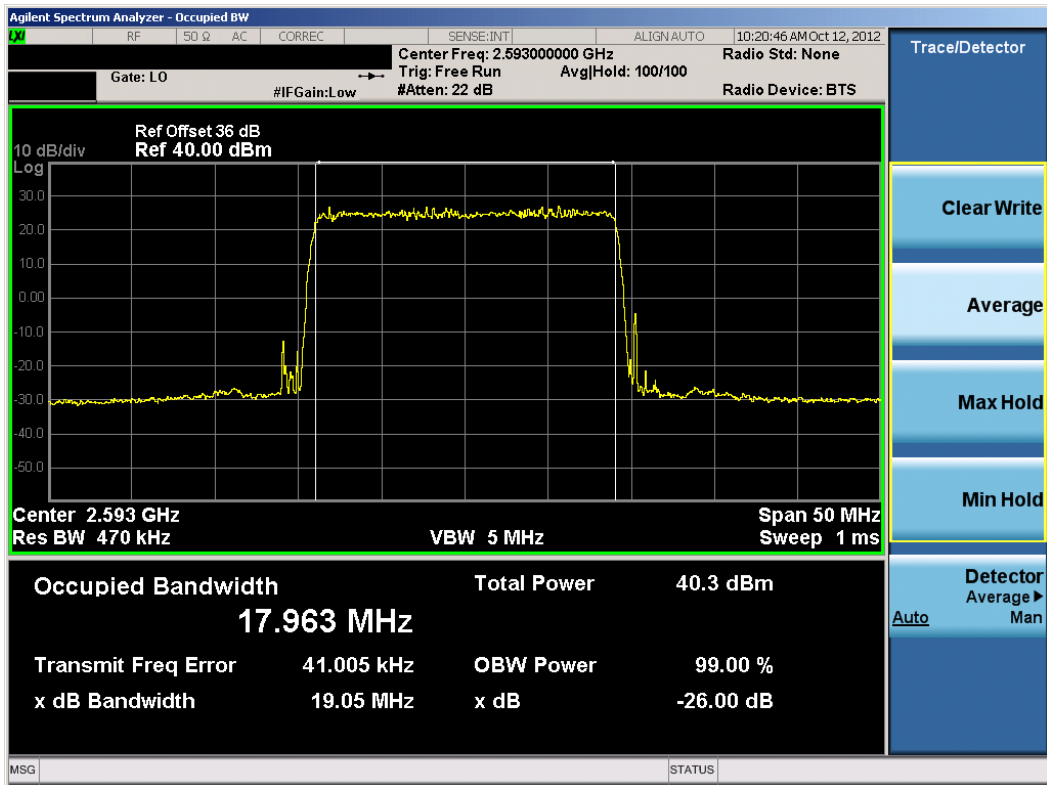


Plot 8-105. Lower Extended Channel Edge Plot (TD-LTE Mode – Mid Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 201 of 247

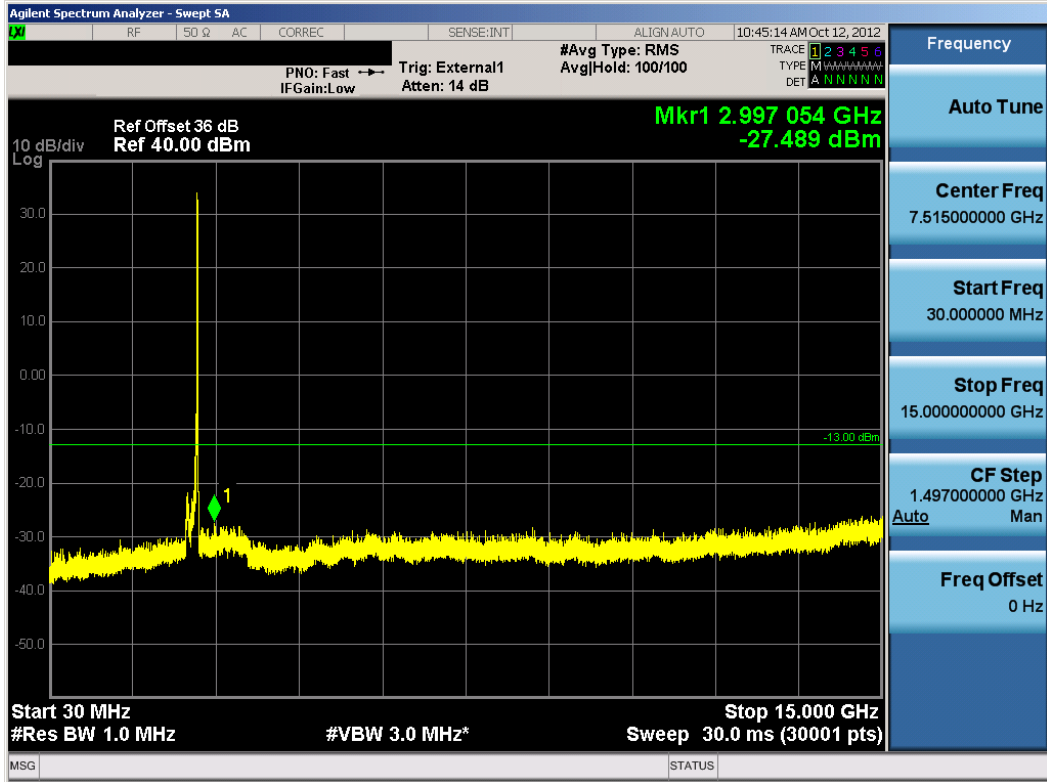


Plot 8-106. Upper Extended Channel Edge Plot (TD-LTE Mode – Mid Channel)

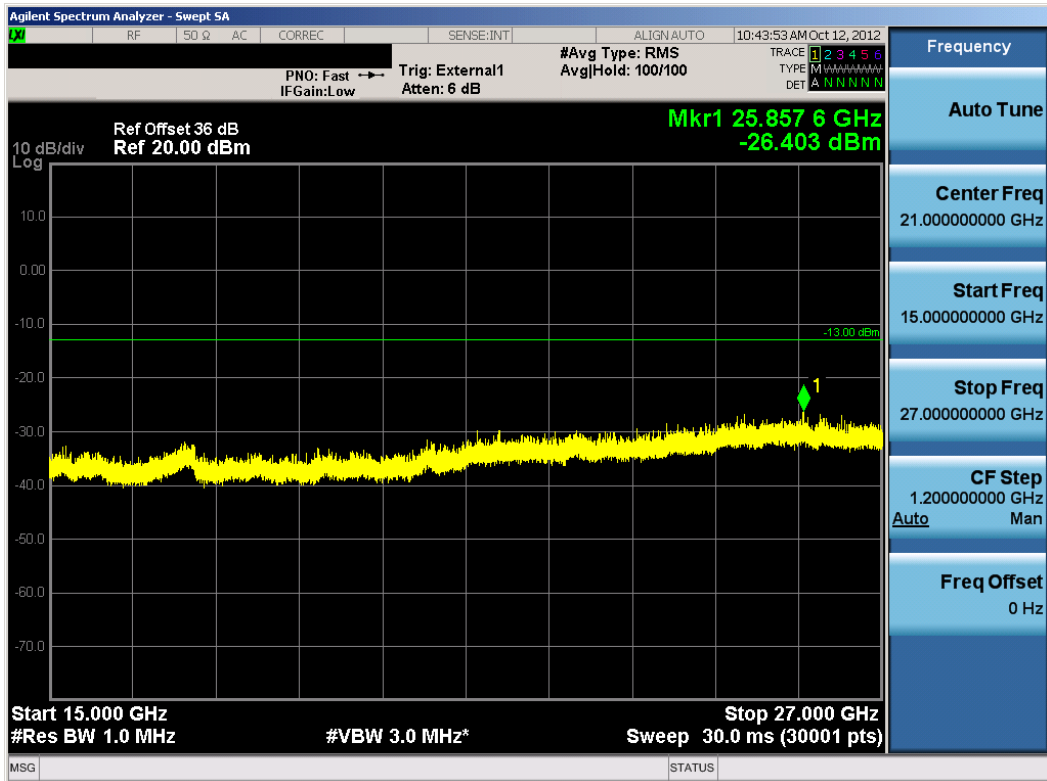


Plot 8-107. Occupied Bandwidth Plot (TD-LTE Mode – Mid Channel)



FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 202 of 247

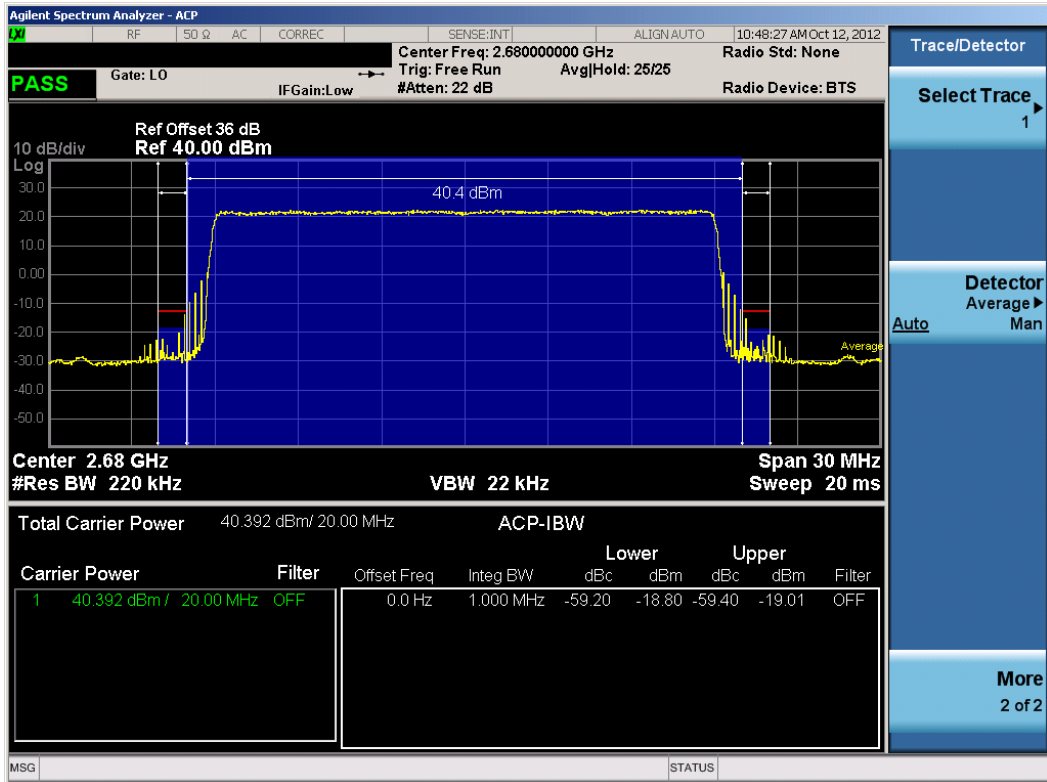


Plot 8-108. Conducted Spurious Plot (TD-LTE Mode – High Channel)



Plot 8-109. Conducted Spurious Plot (TD-LTE Mode – High Channel)

FCC ID: A3LSLS-BD104Q1		FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 203 of 247

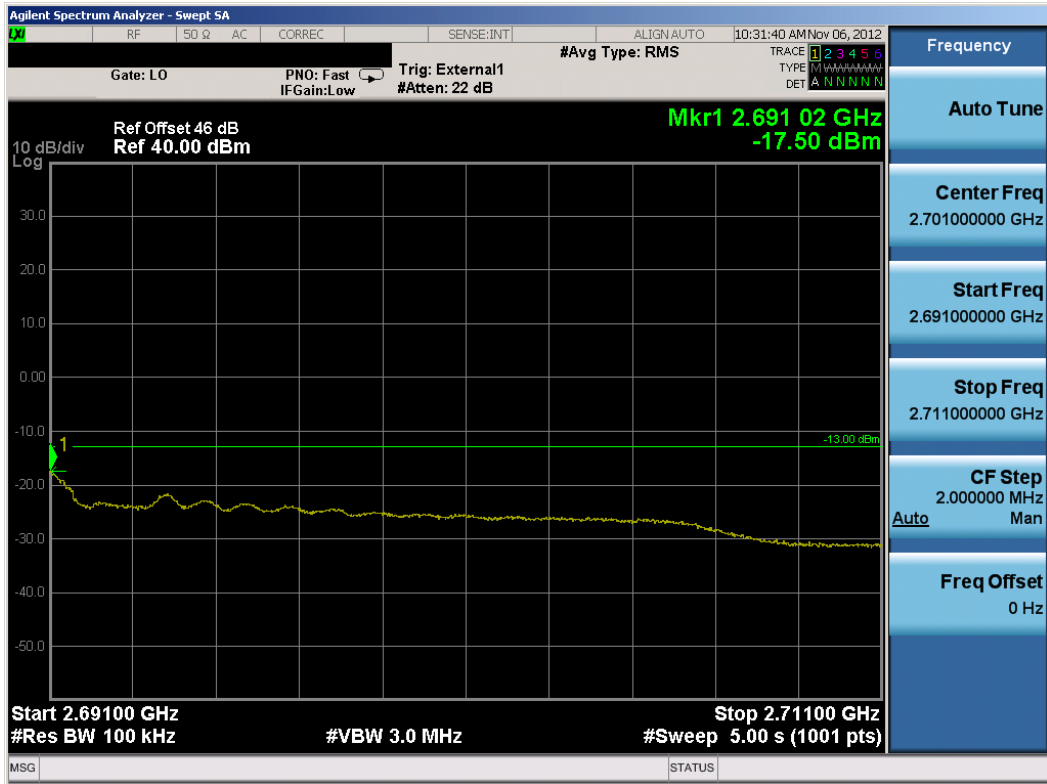


Plot 8-110. Channel Edge Plot (TD-LTE Mode – High Channel)



Plot 8-111. Lower Extended Channel Edge Plot (TD-LTE Mode – High Channel)

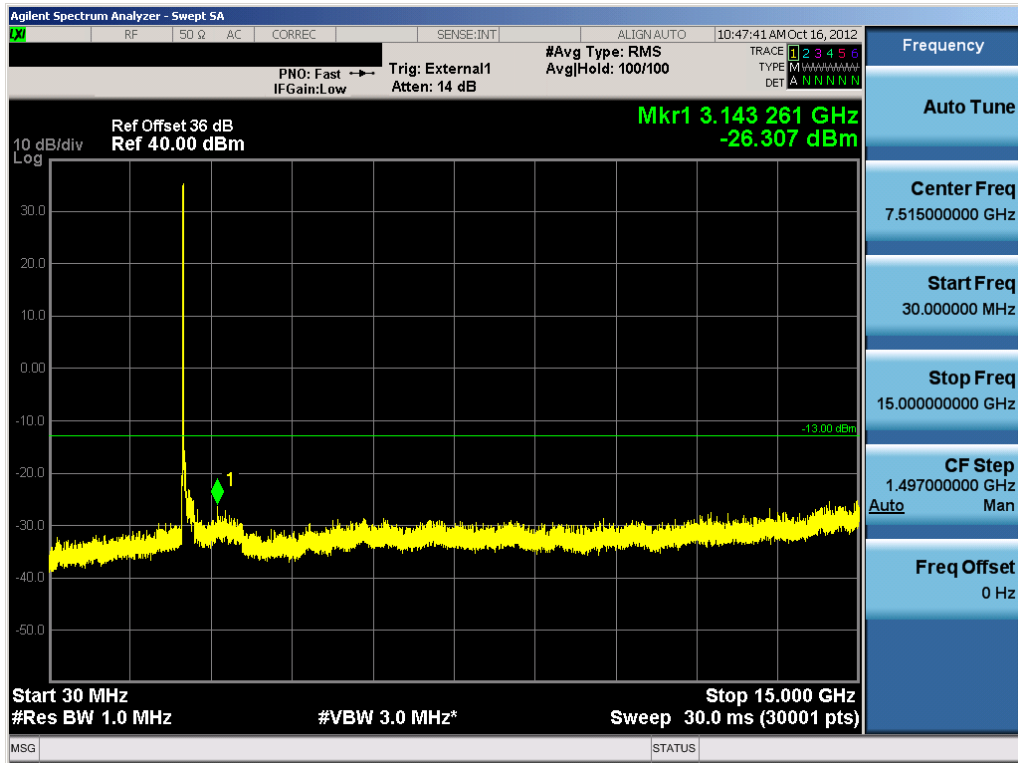
FCC ID: A3LSLS-BD104Q1		FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 204 of 247



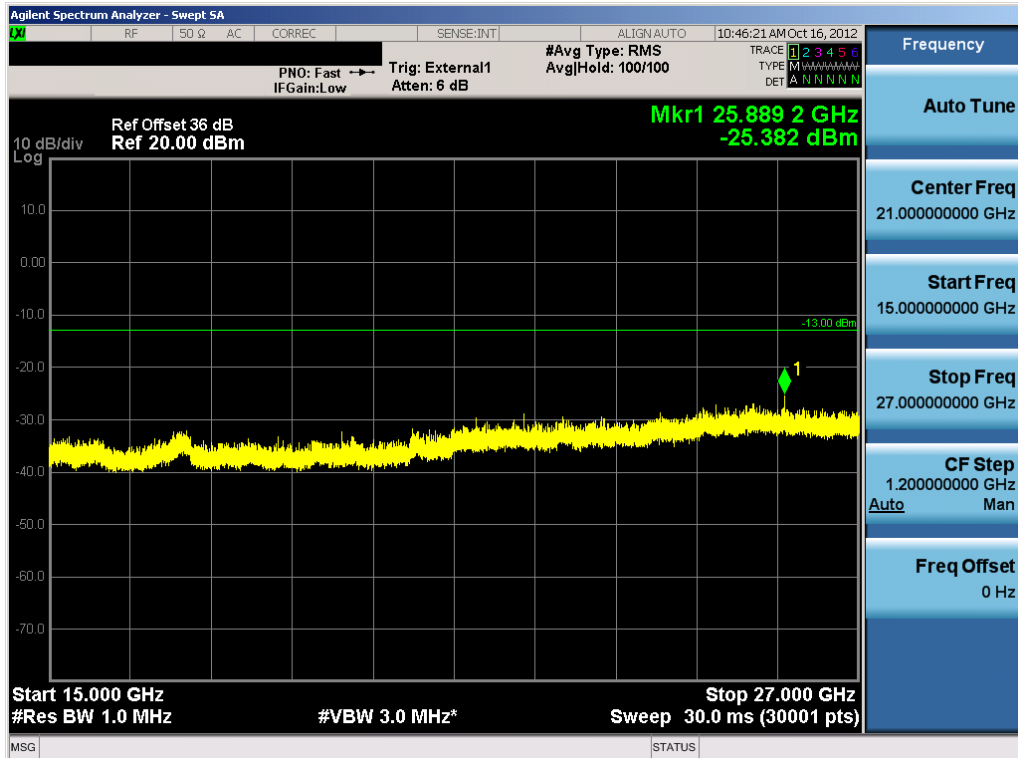
Plot 8-112. Upper Extended Channel Edge Plot (TD-LTE Mode – High Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 205 of 247

16-QAM Modulation

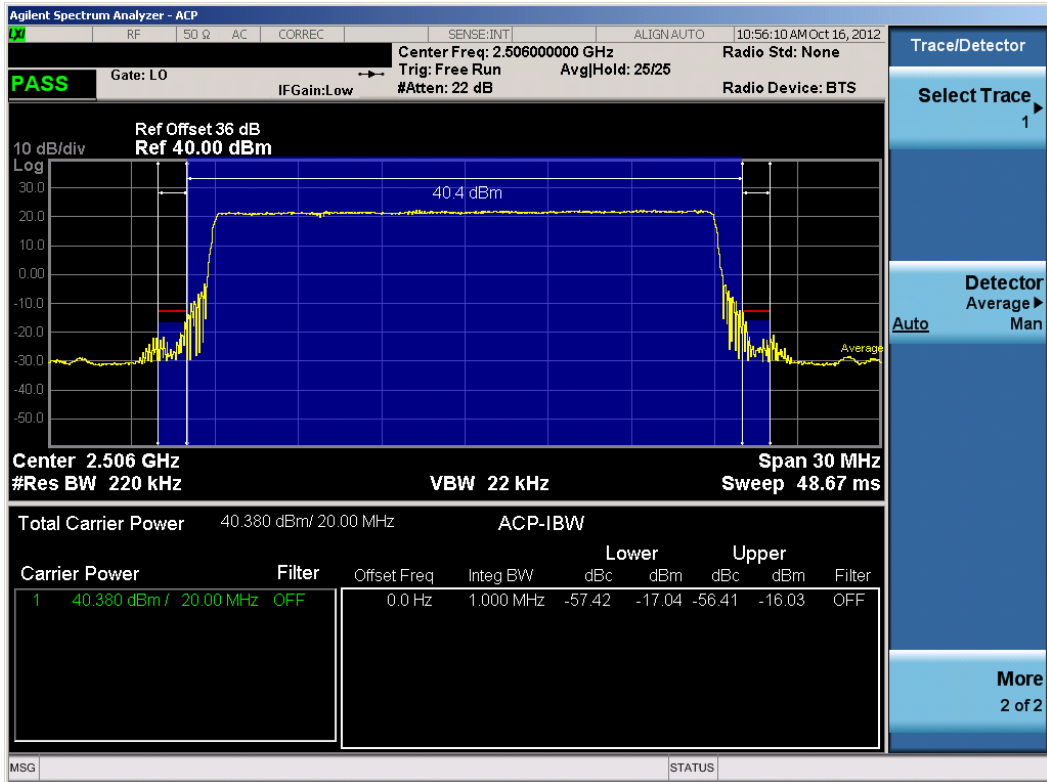


Plot 8-113. Conducted Spurious Plot (TD-LTE Mode – Low Channel)

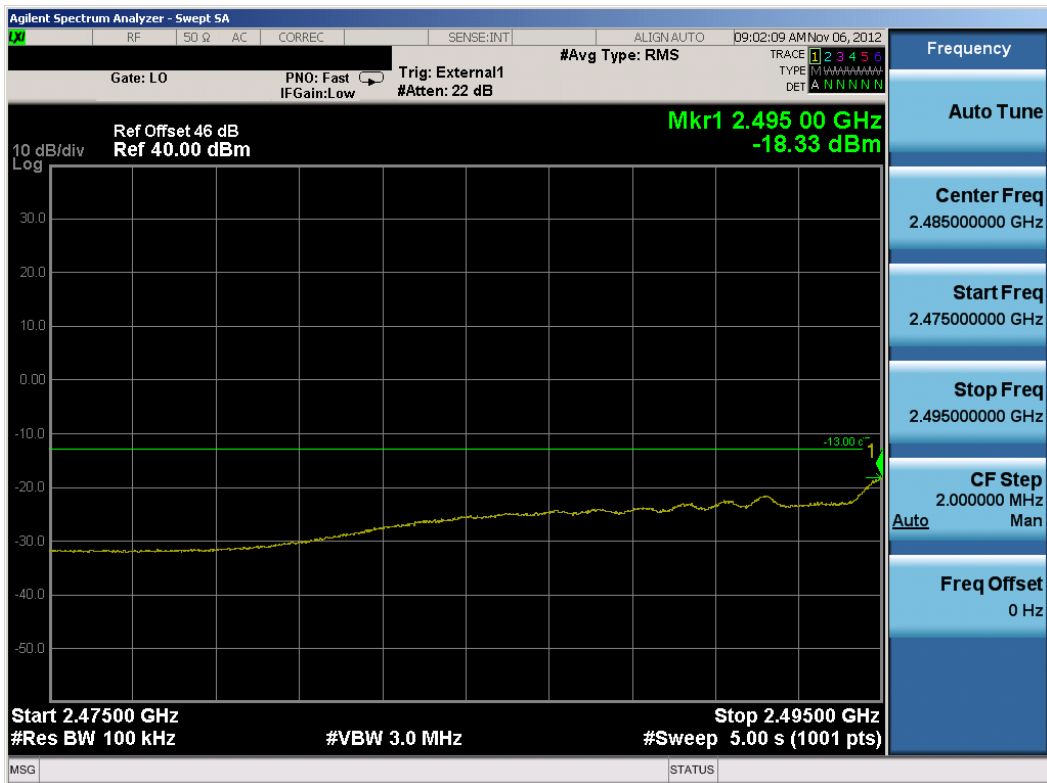


Plot 8-114. Conducted Spurious Plot (TD-LTE Mode – Low Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 206 of 247

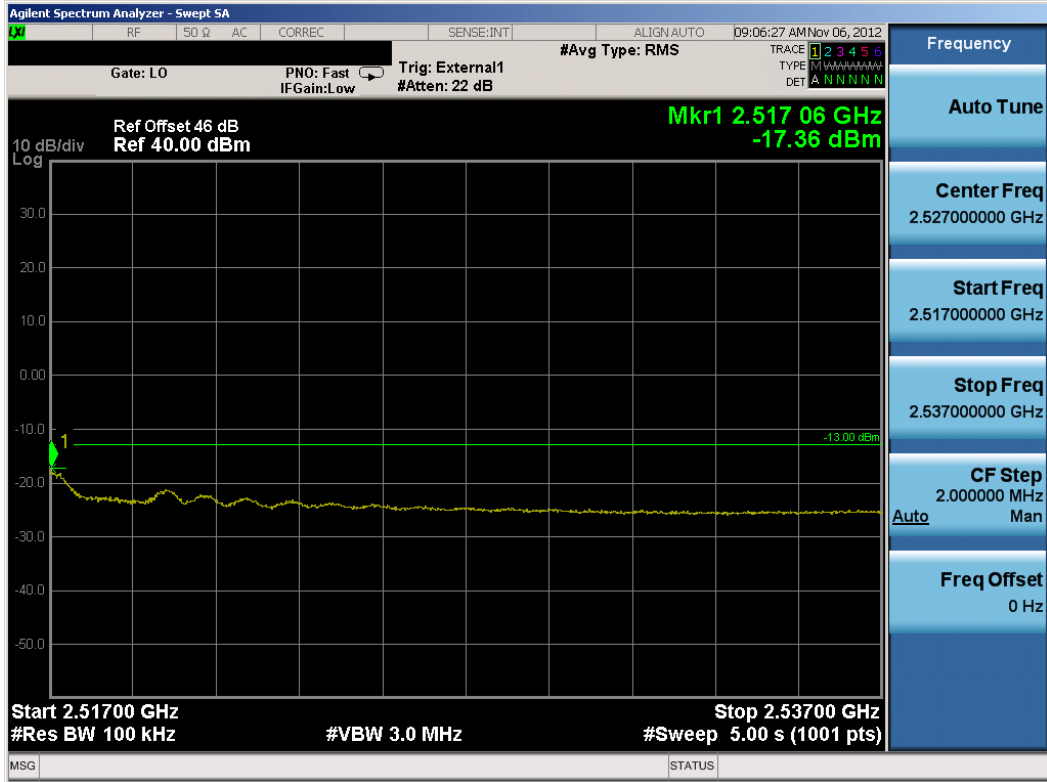


Plot 8-115. Channel Edge Plot (TD-LTE Mode – Low Channel)

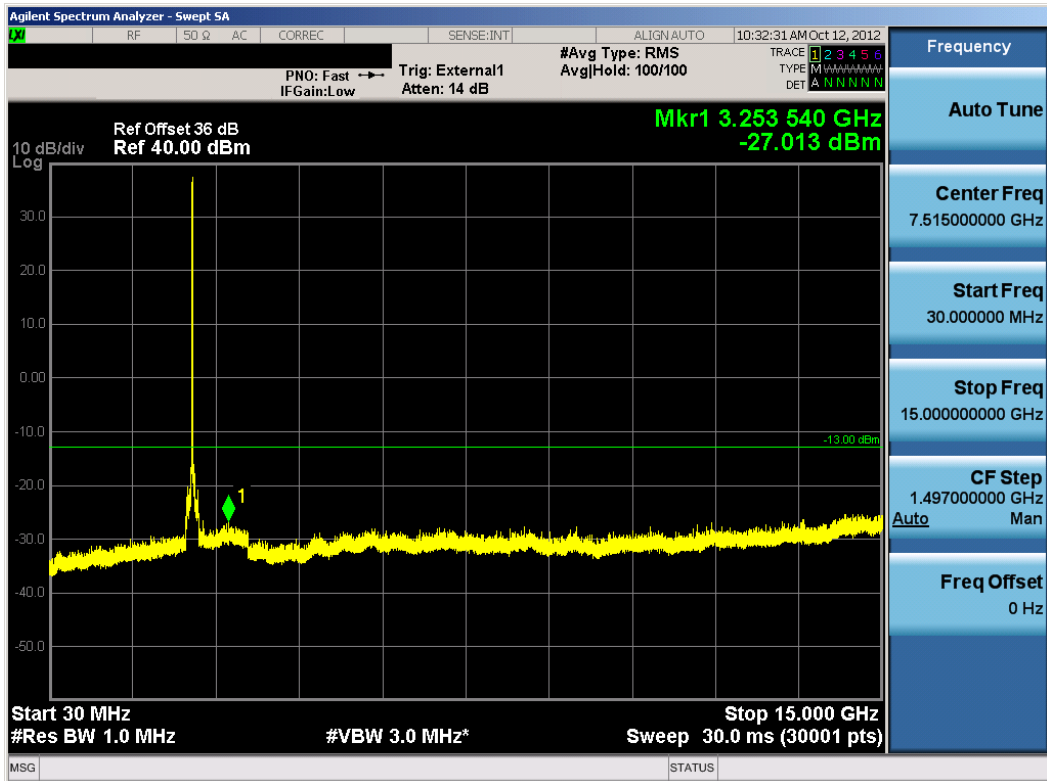


Plot 8-116. Lower Extended Channel Edge Plot (TD-LTE Mode – Low Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 207 of 247

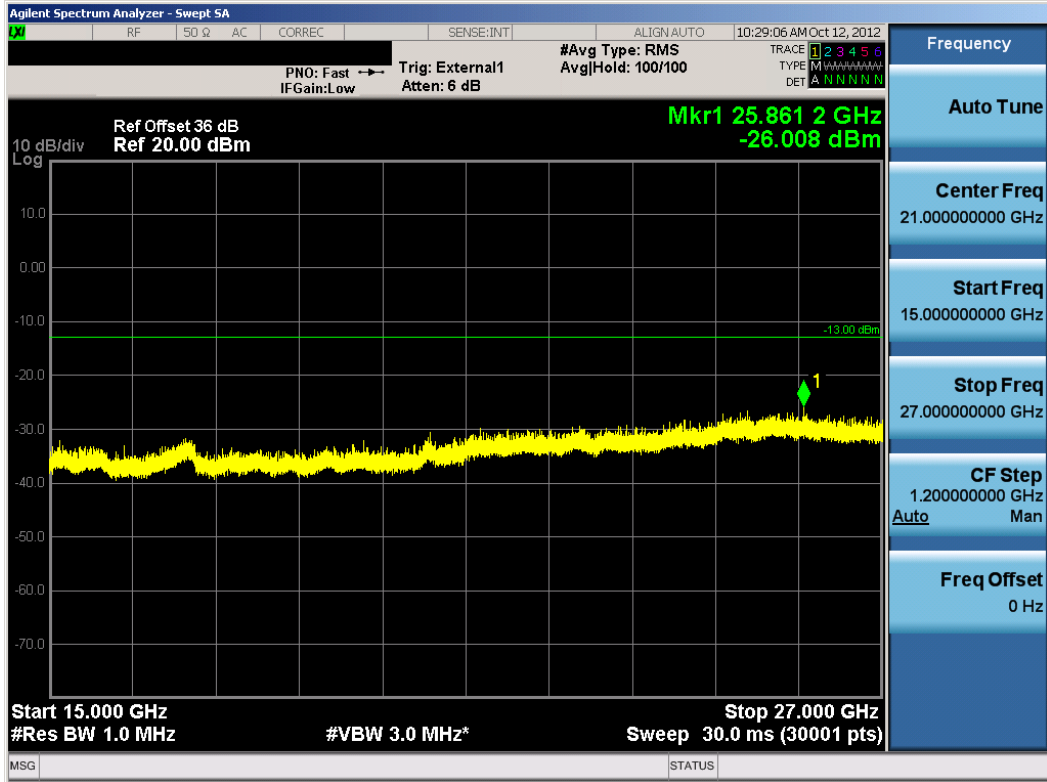


Plot 8-117. Upper Extended Channel Edge Plot (TD-LTE Mode – Low Channel)

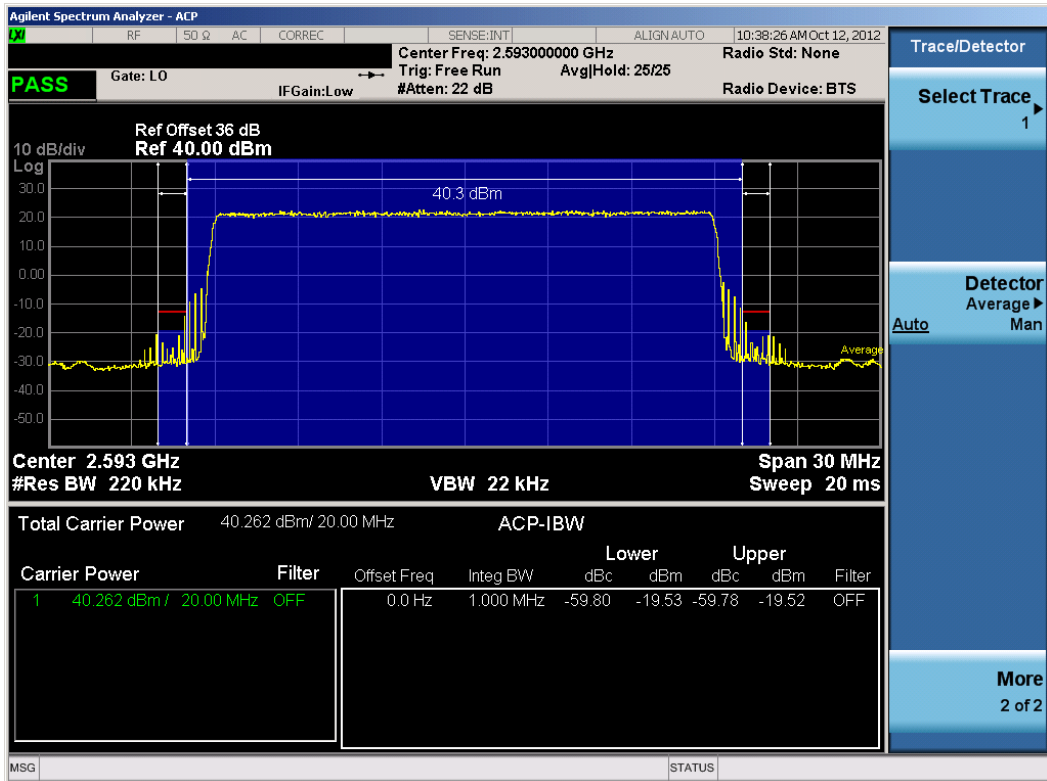


Plot 8-118. Conducted Spurious Plot (TD-LTE Mode – Mid Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 208 of 247

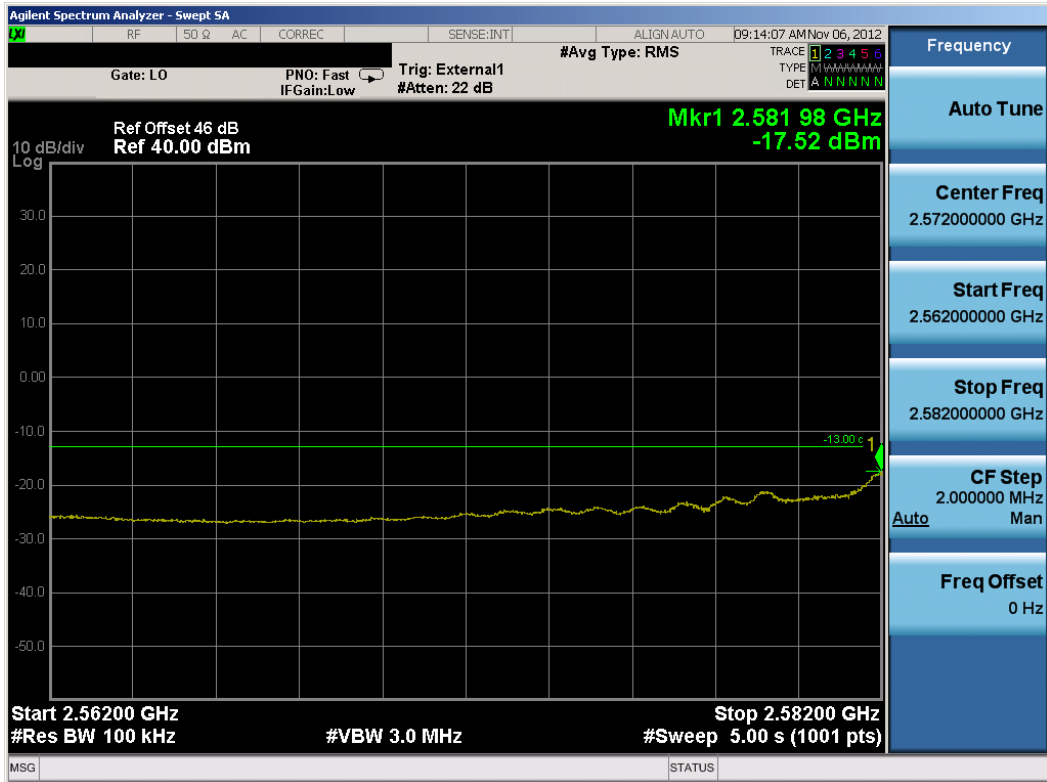


Plot 8-119. Conducted Spurious Plot (TD-LTE Mode – Mid Channel)

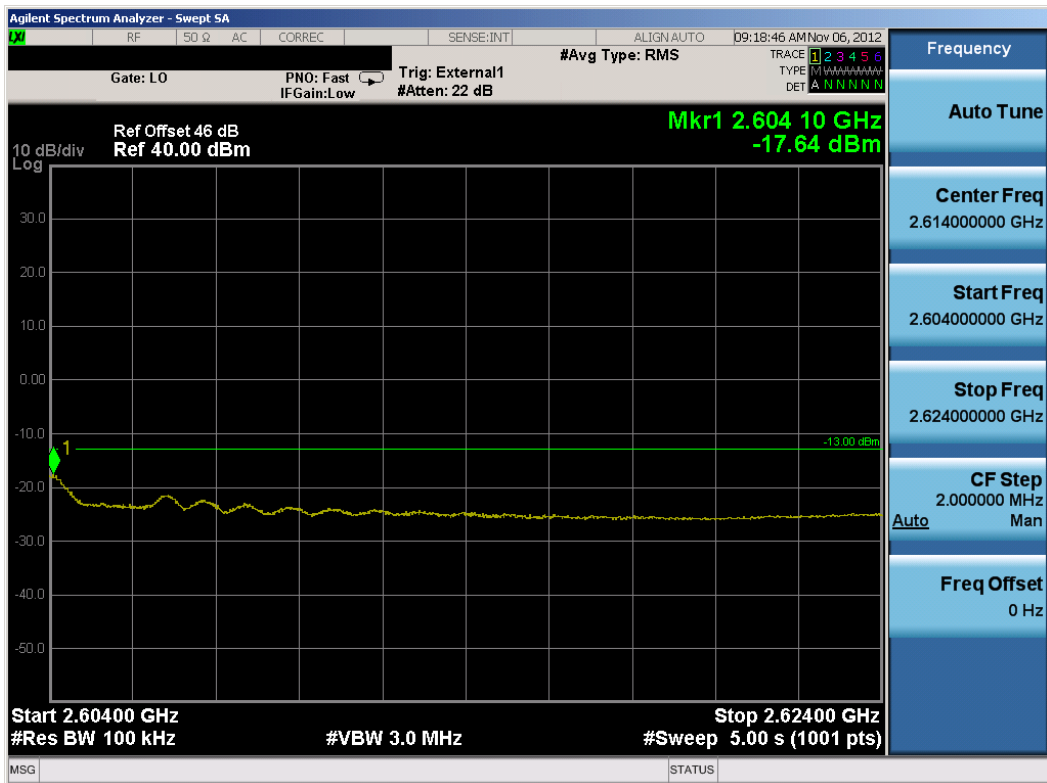


Plot 8-120. Channel Edge Plot (TD-LTE Mode – Mid Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 209 of 247

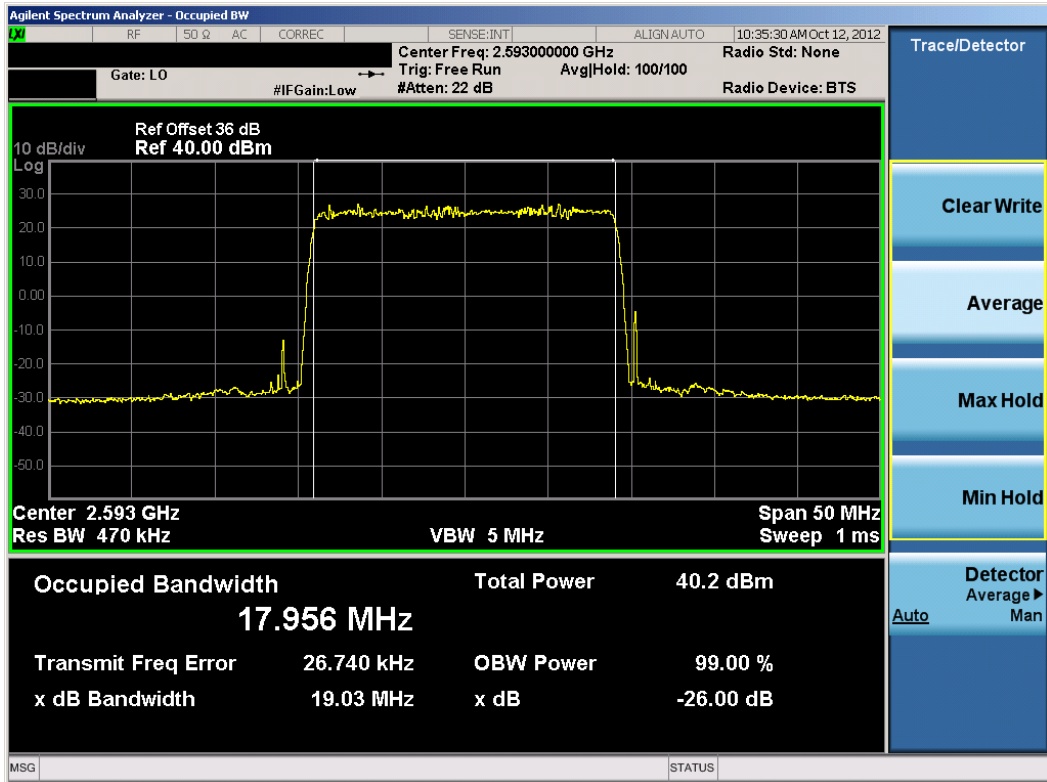


Plot 8-121. Lower Extended Channel Edge Plot (TD-LTE Mode – Mid Channel)

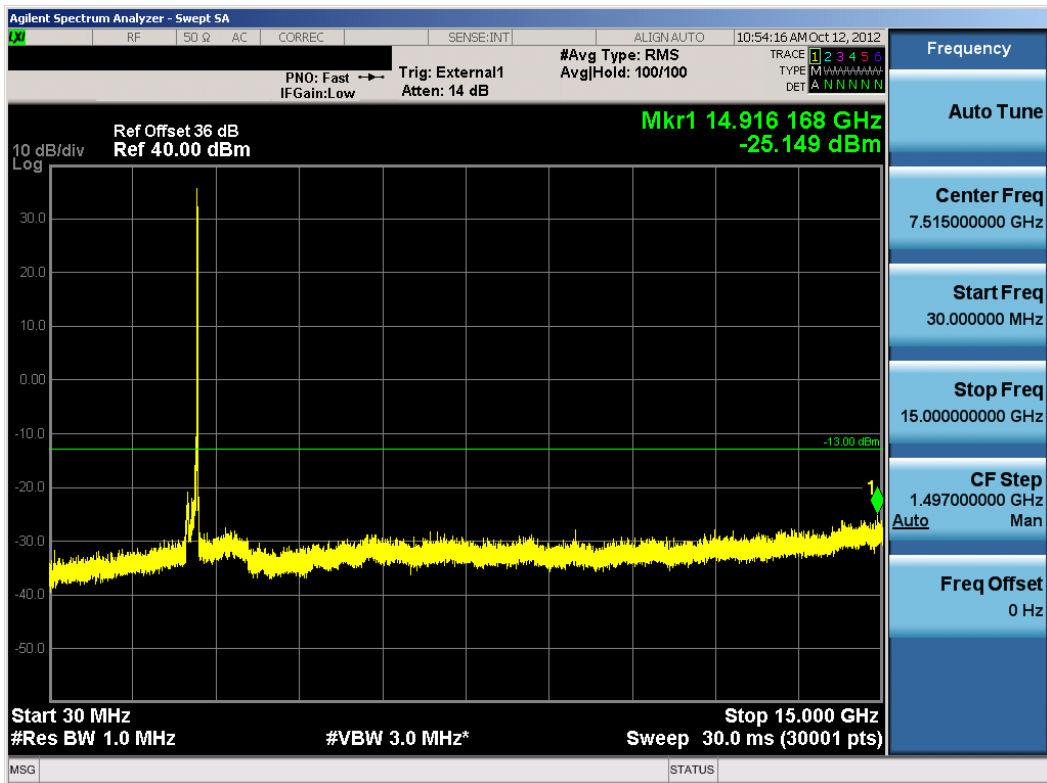


Plot 8-122. Upper Extended Channel Edge Plot (TD-LTE Mode – Mid Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 210 of 247

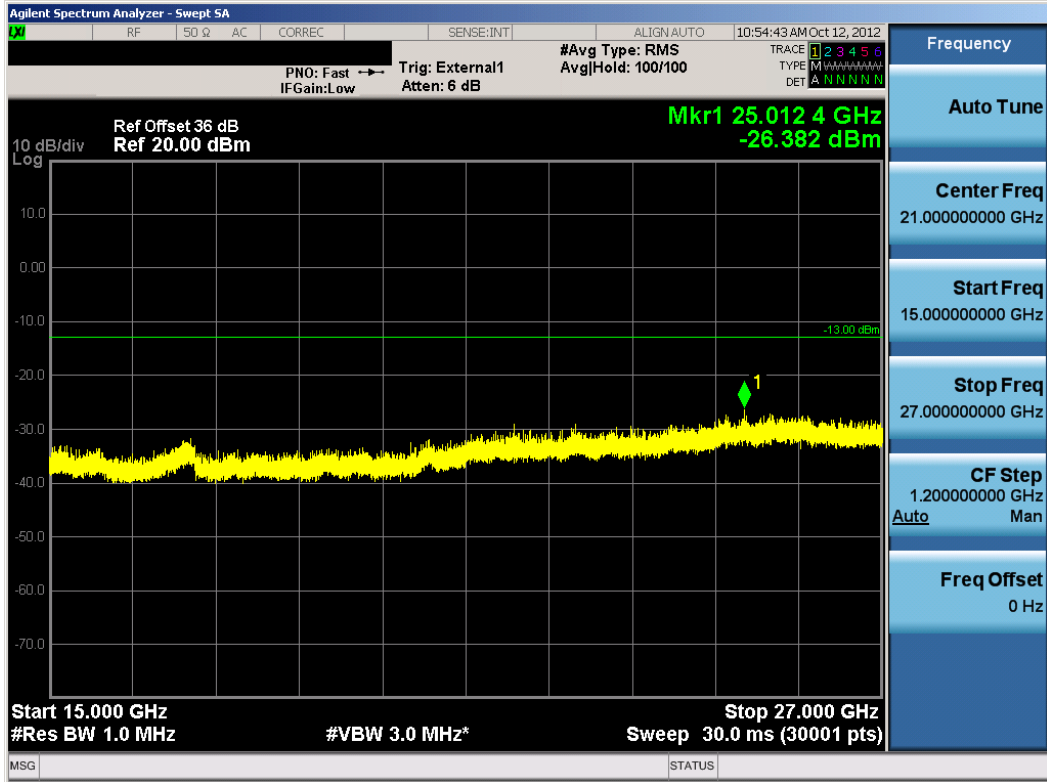


Plot 8-123. Occupied Bandwidth Plot (TD-LTE Mode – Mid Channel)

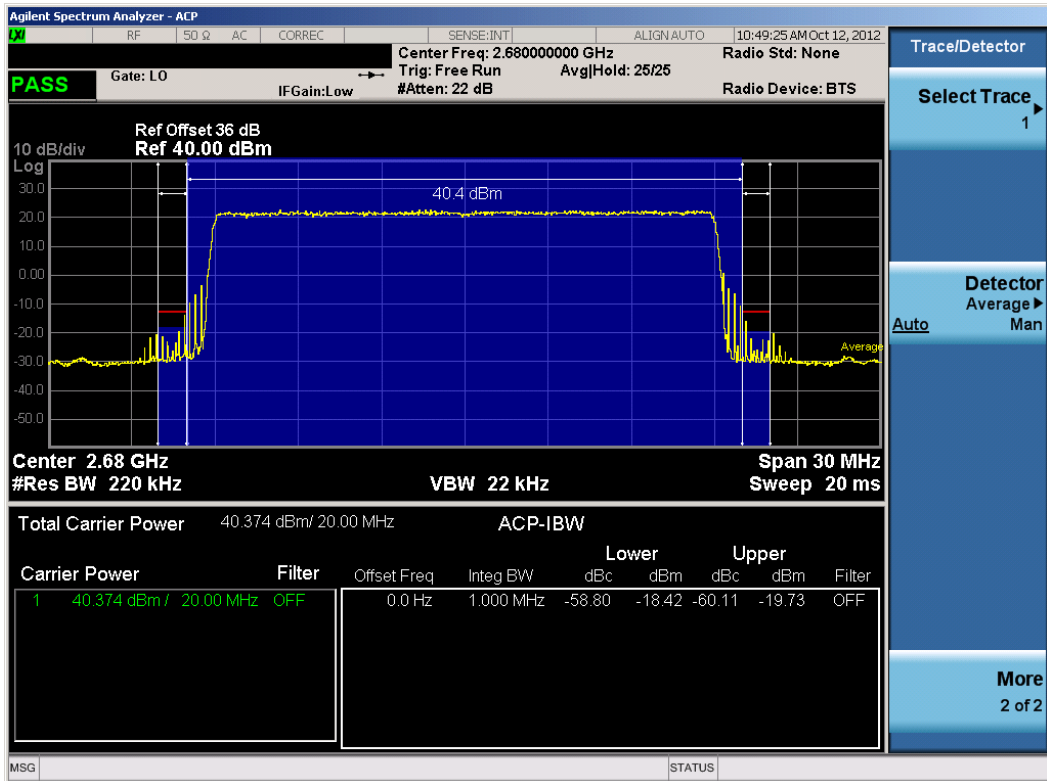


Plot 8-124. Conducted Spurious Plot (TD-LTE Mode – High Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
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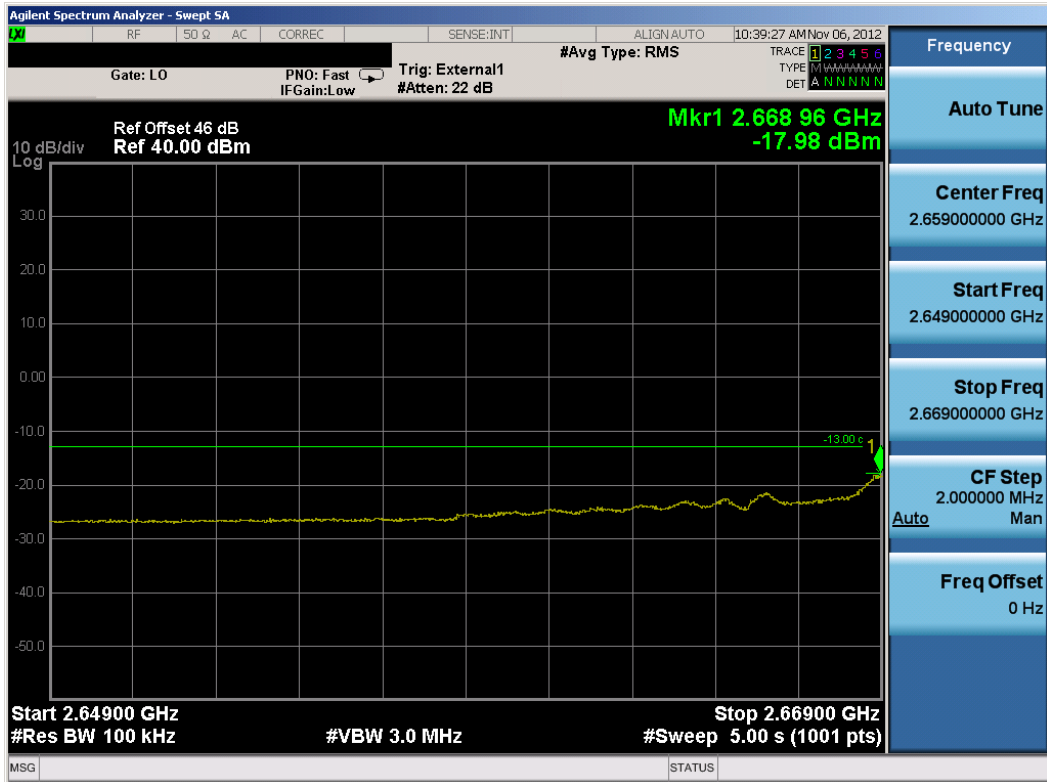


Plot 8-125. Conducted Spurious Plot (TD-LTE Mode – High Channel)

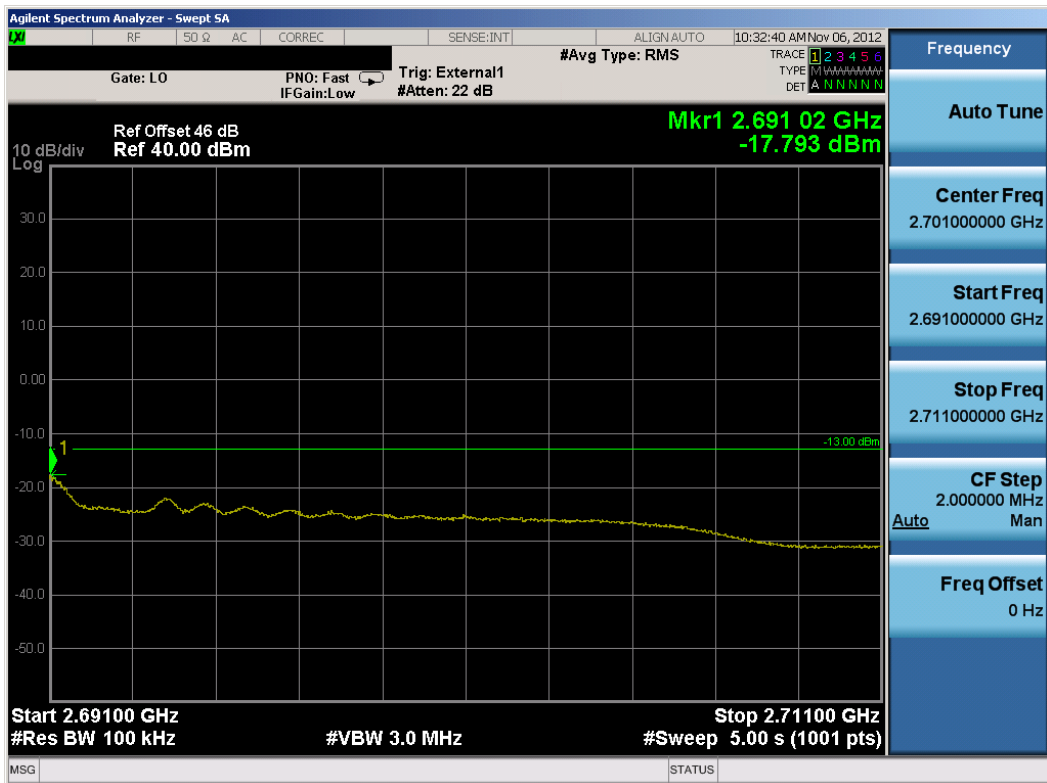


Plot 8-126. Channel Edge Plot (TD-LTE Mode – High Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 212 of 247



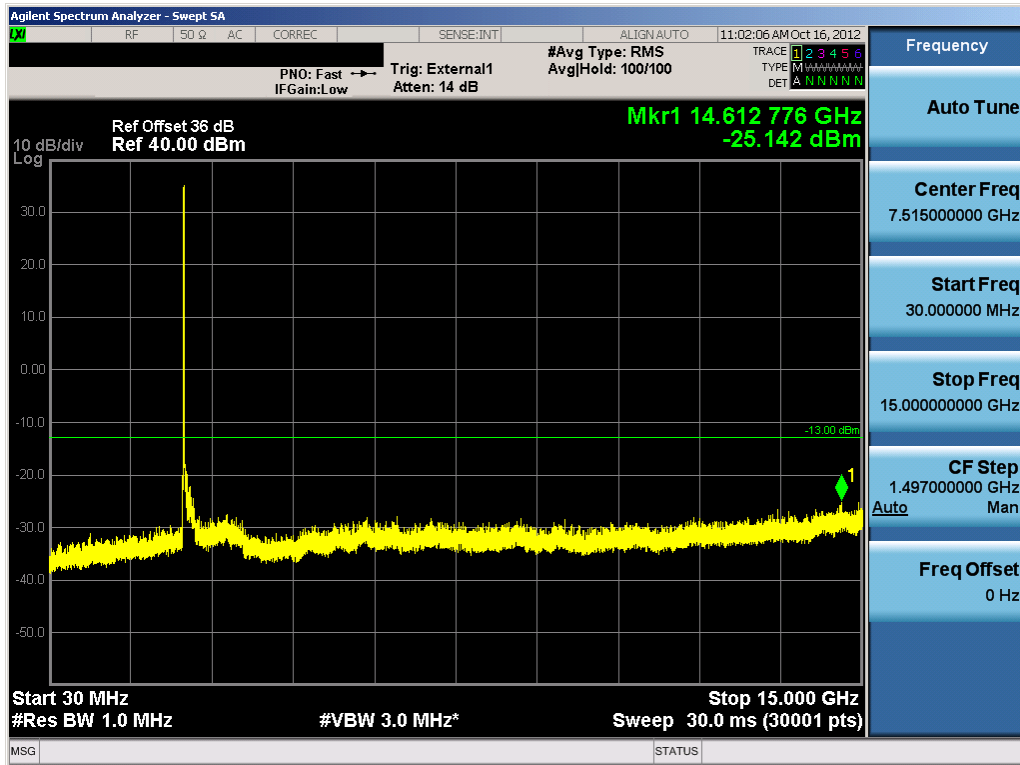
Plot 8-127. Lower Extended Channel Edge Plot (TD-LTE Mode – High Channel)



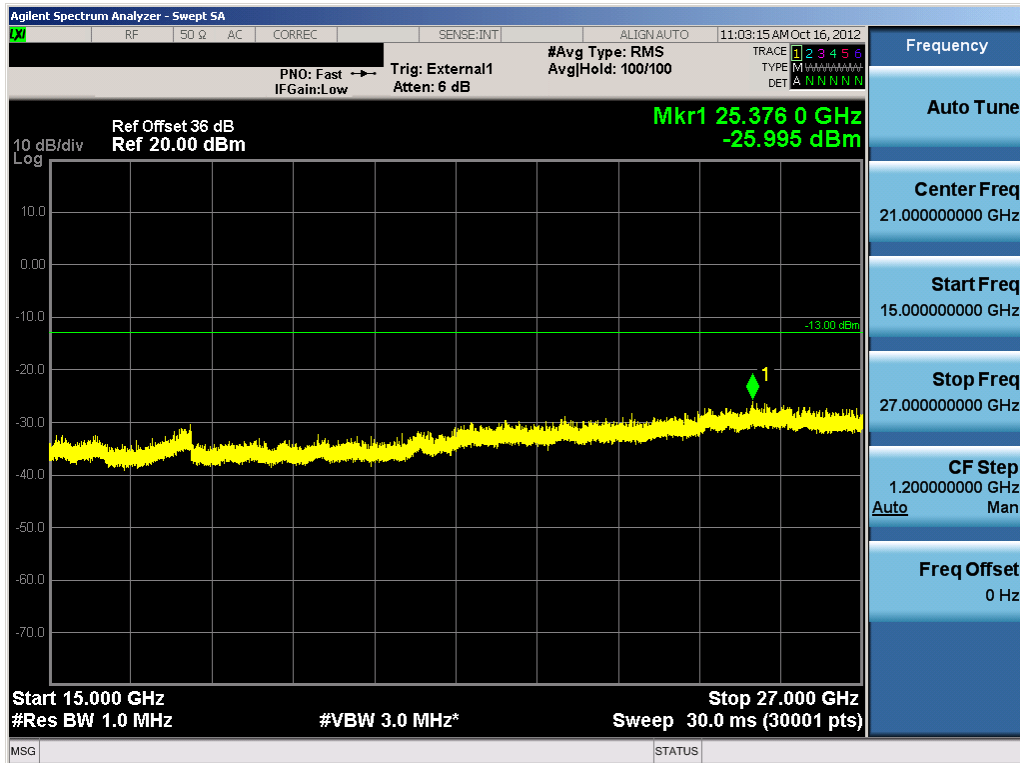
Plot 8-128. Upper Extended Channel Edge Plot (TD-LTE Mode – High Channel)

FCC ID: A3LSLS-BD104Q1		FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 213 of 247

64-QAM Modulation

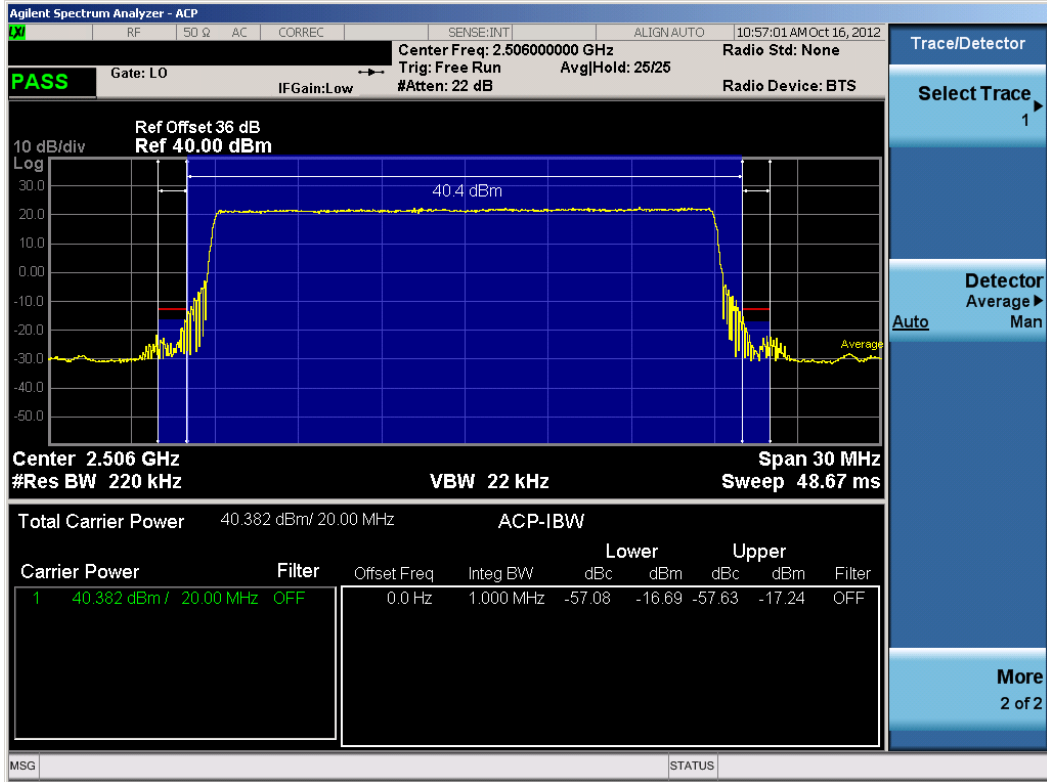


Plot 8-129. Conducted Spurious Plot (TD-LTE Mode – Low Channel)

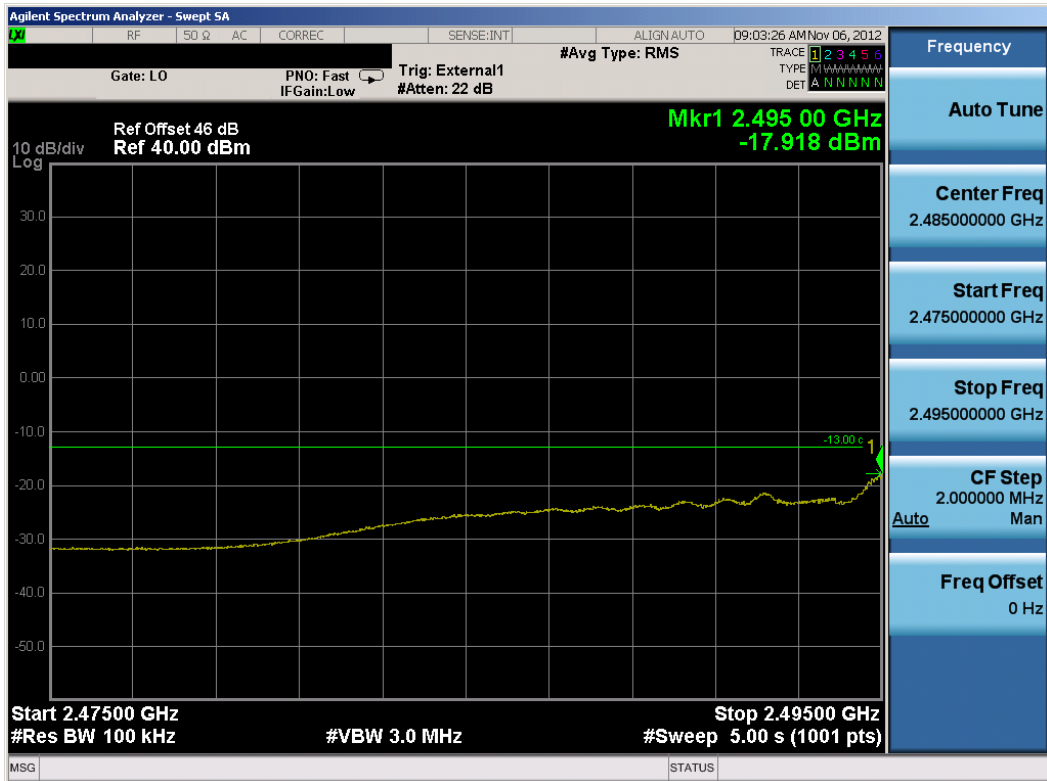


Plot 8-130. Conducted Spurious Plot (TD-LTE Mode – Low Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 214 of 247

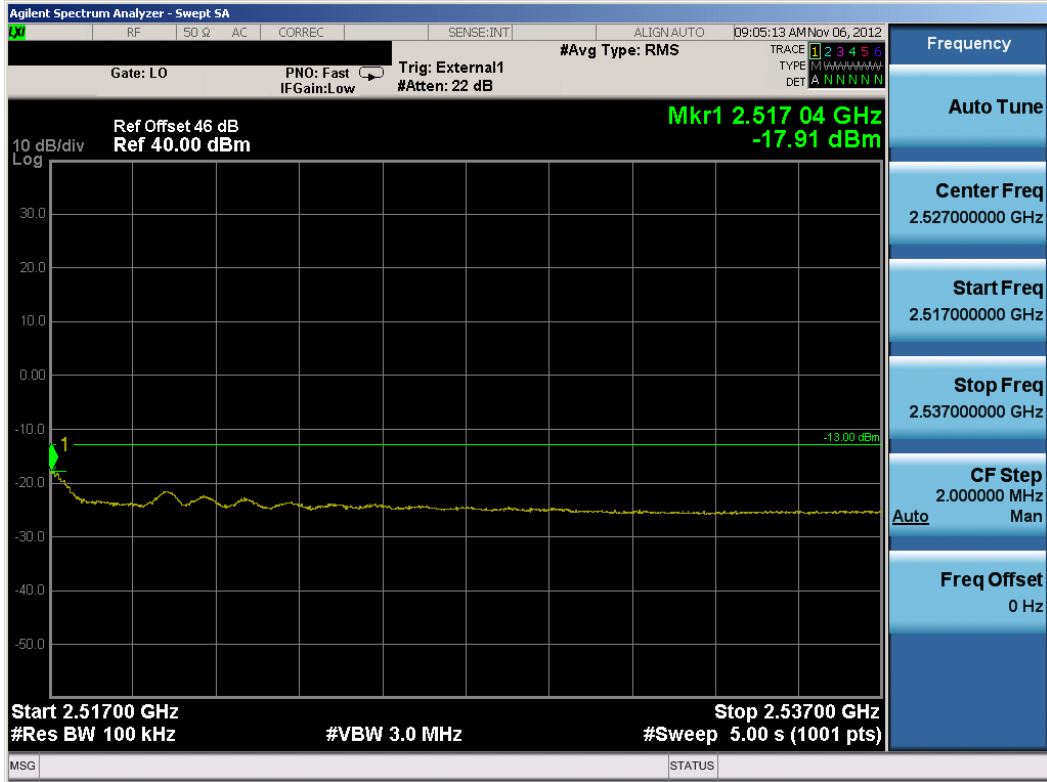


Plot 8-131. Channel Edge Plot (TD-LTE Mode – Low Channel)

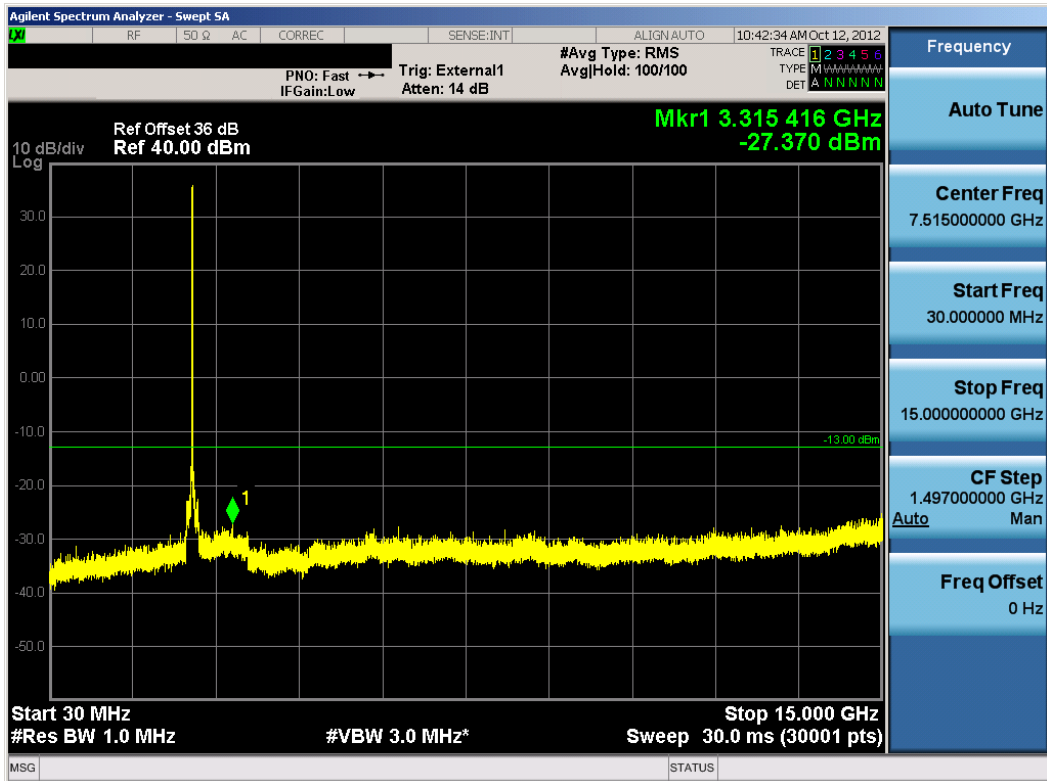


Plot 8-132. Lower Extended Channel Edge Plot (TD-LTE Mode – Low Channel)

FCC ID: A3LSLS-BD104Q1		FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 215 of 247

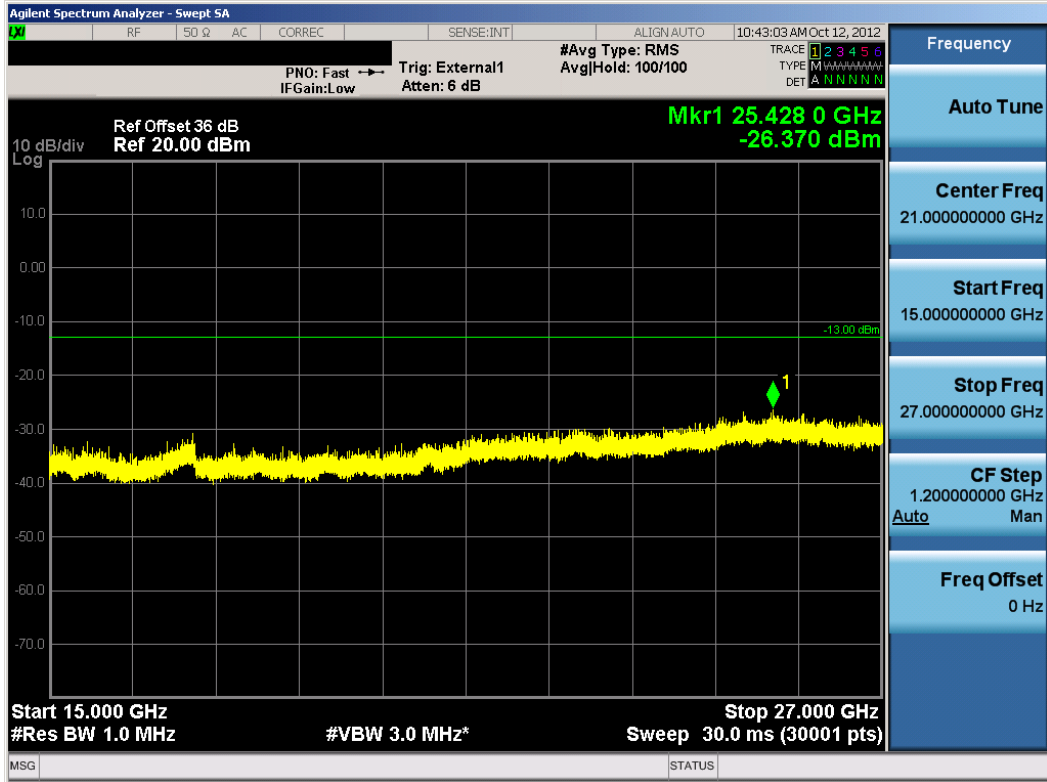


Plot 8-133. Upper Extended Channel Edge Plot (TD-LTE Mode – Low Channel)

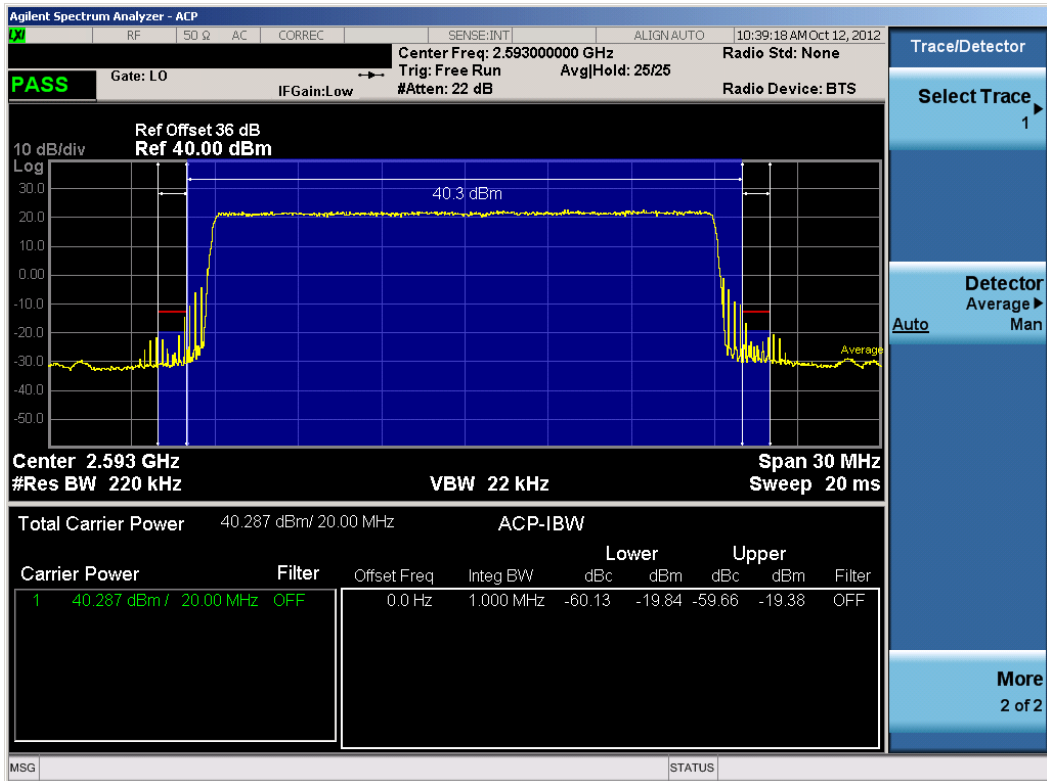


Plot 8-134. Conducted Spurious Plot (TD-LTE Mode – Mid Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 216 of 247

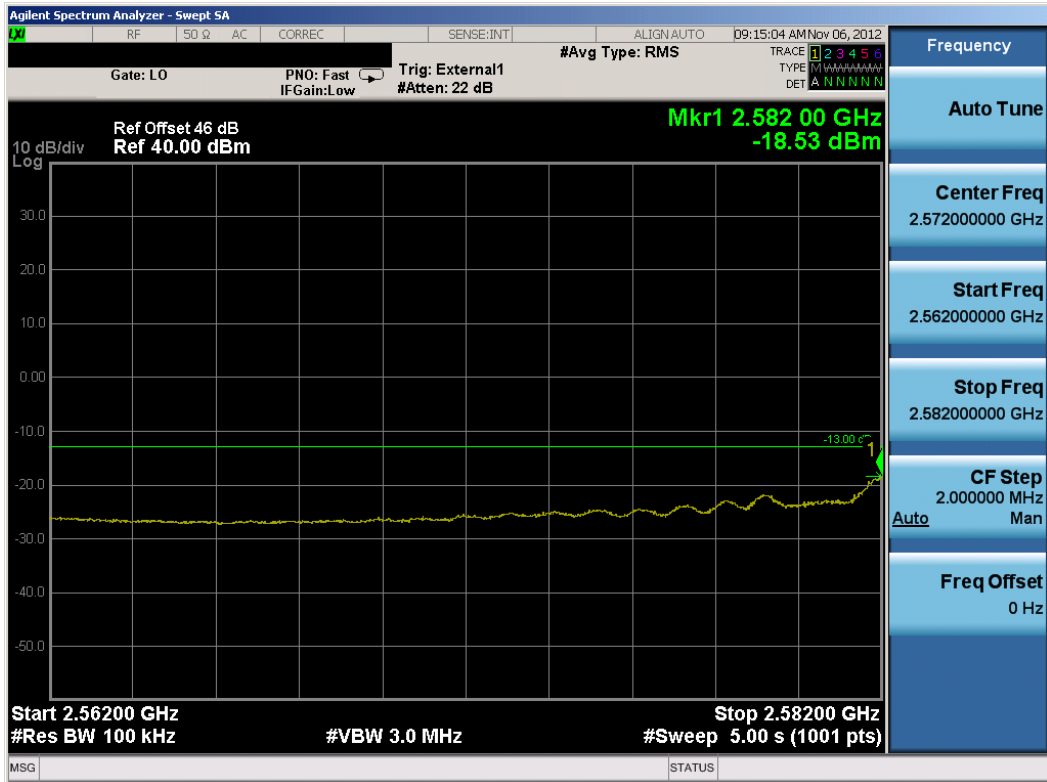


Plot 8-135. Conducted Spurious Plot (TD-LTE Mode – Mid Channel)

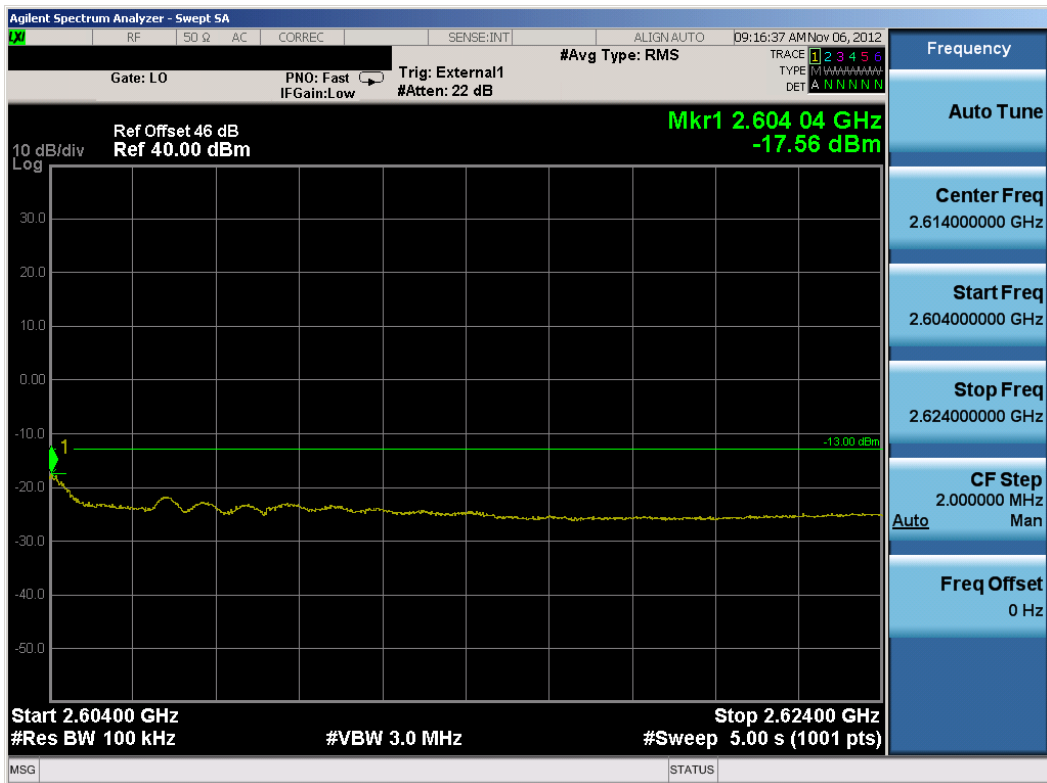


Plot 8-136. Channel Edge Plot (TD-LTE Mode – Mid Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 217 of 247

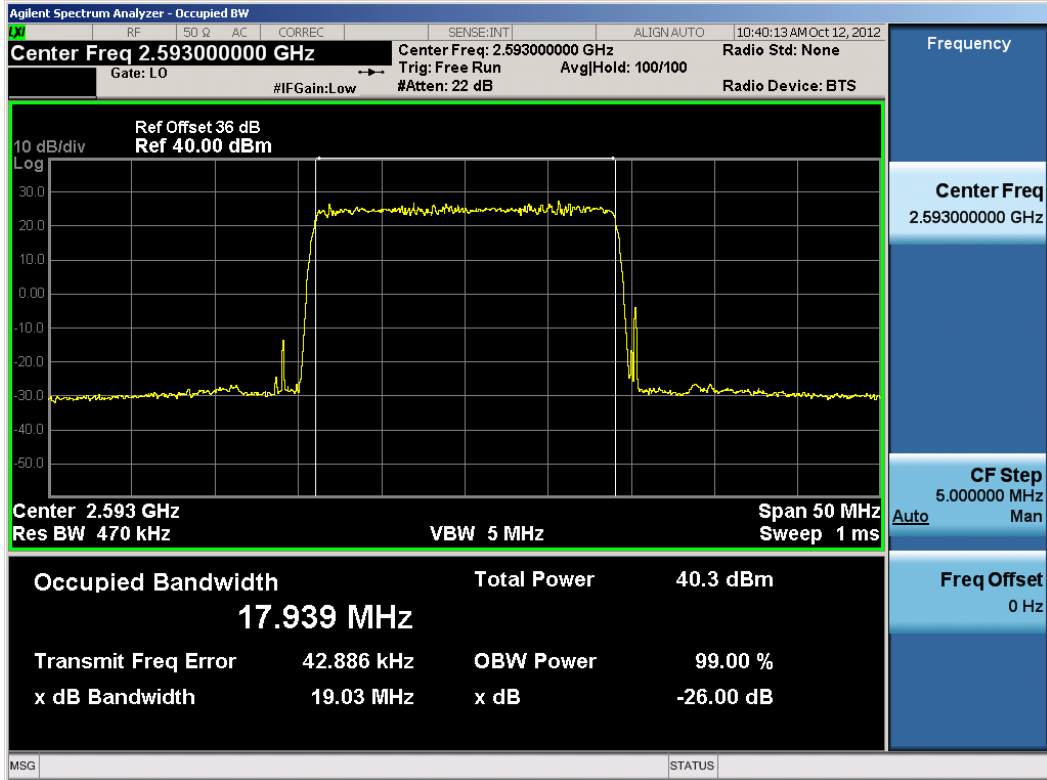


Plot 8-137. Lower Extended Channel Edge Plot (TD-LTE Mode – Mid Channel)

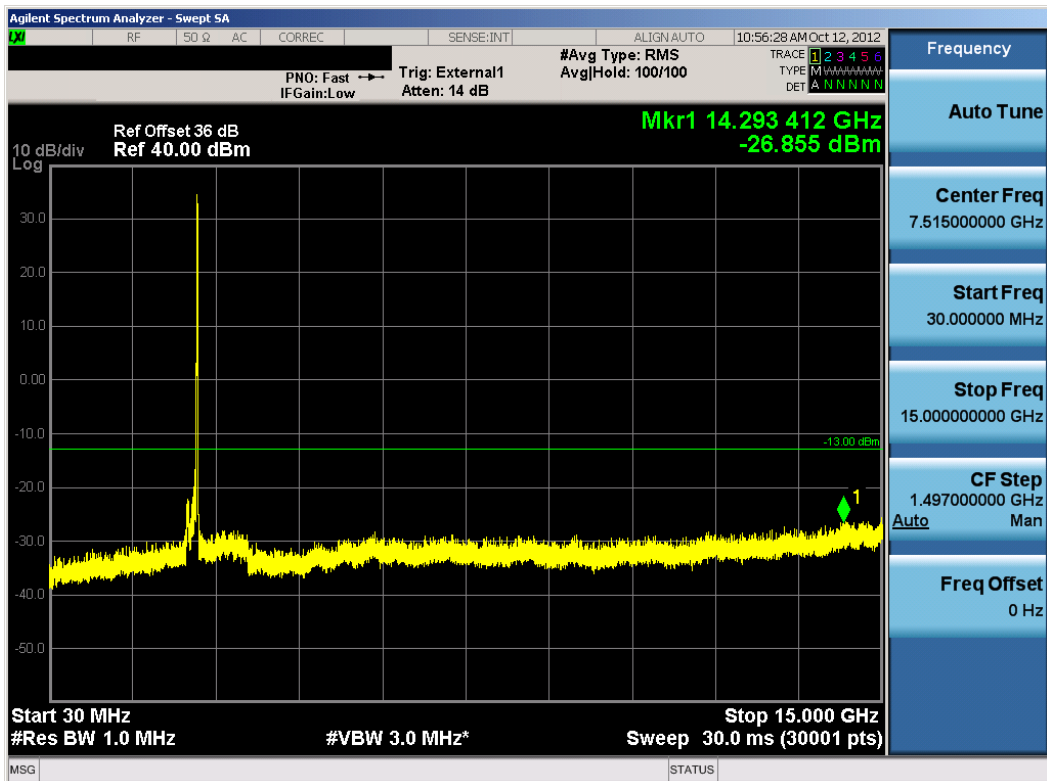


Plot 8-138. Upper Extended Channel Edge Plot (TD-LTE Mode – Mid Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 218 of 247

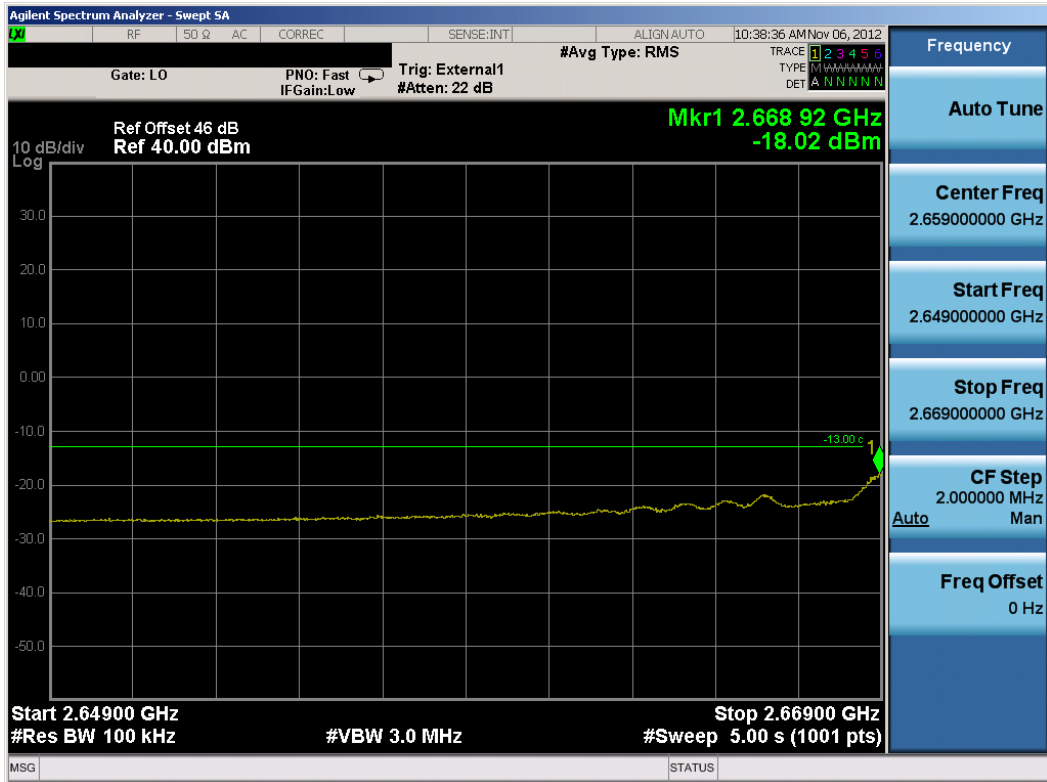


Plot 8-139. Occupied Bandwidth Plot (TD-LTE Mode – Mid Channel)



Plot 8-140. Conducted Spurious Plot (TD-LTE Mode – High Channel)

FCC ID: A3LSLS-BD104Q1		FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 219 of 247



Plot 8-143. Lower Extended Channel Edge Plot (TD-LTE Mode – High Channel)

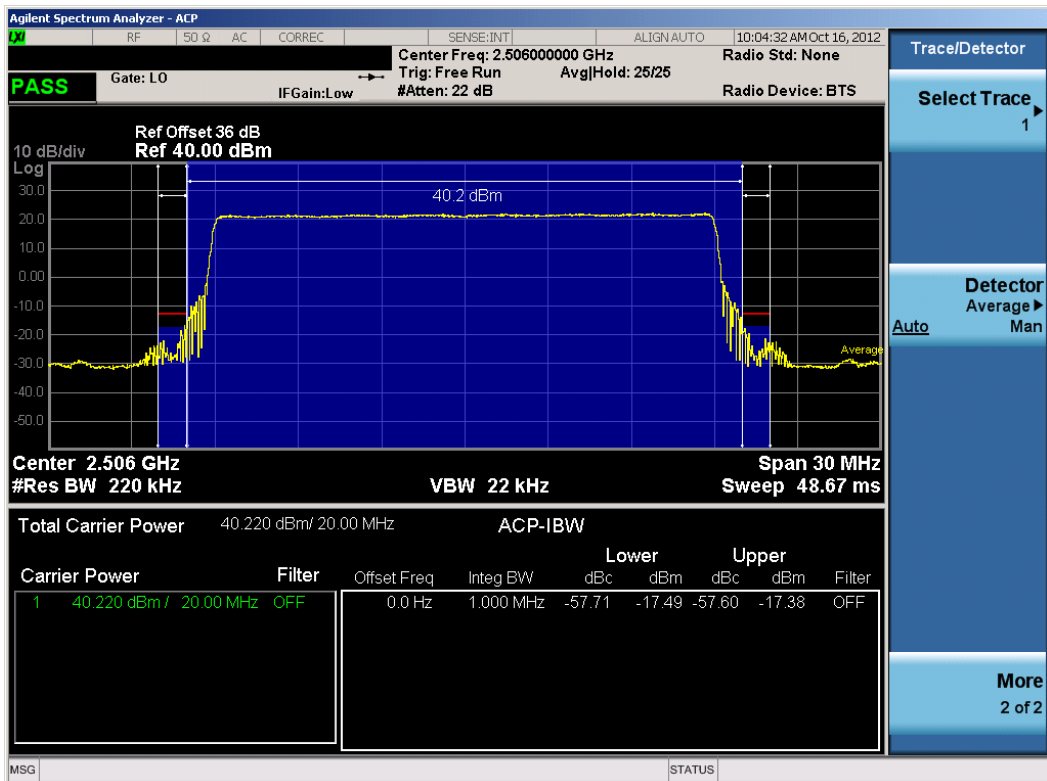


Plot 8-144. Upper Extended Channel Edge Plot (TD-LTE Mode – High Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 221 of 247



Plot 8-146. Conducted Spurious Plot (TD-LTE Mode – Low Channel)

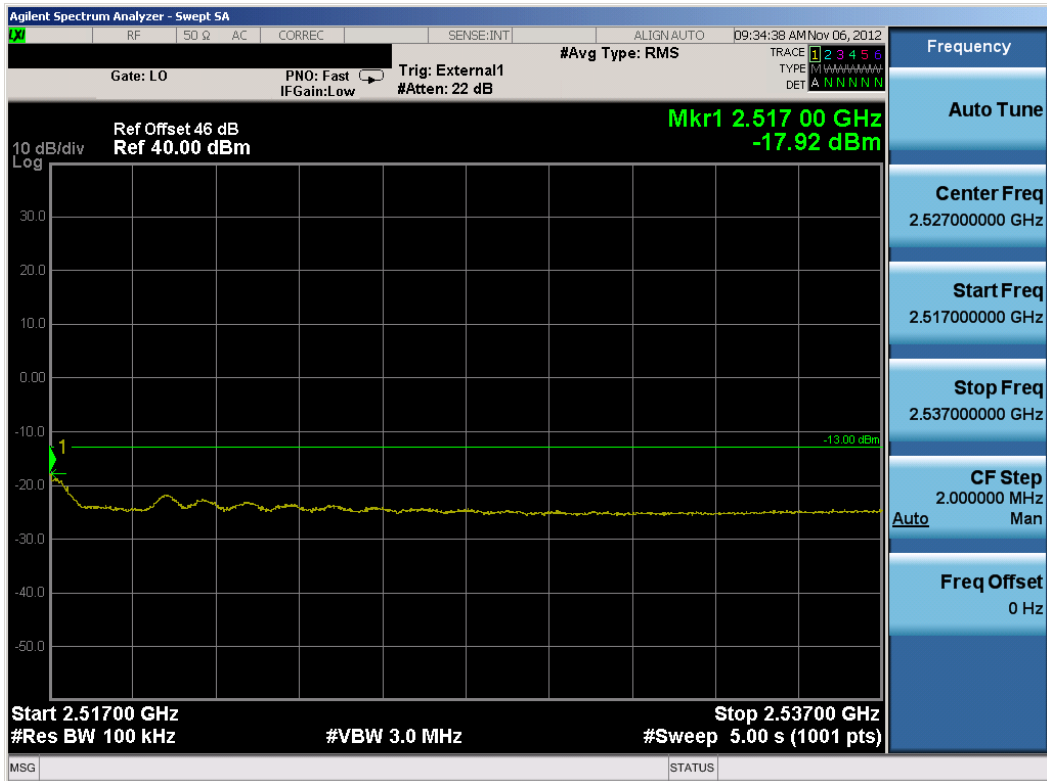


Plot 8-147. Channel Edge Plot (TD-LTE Mode – Low Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 223 of 247

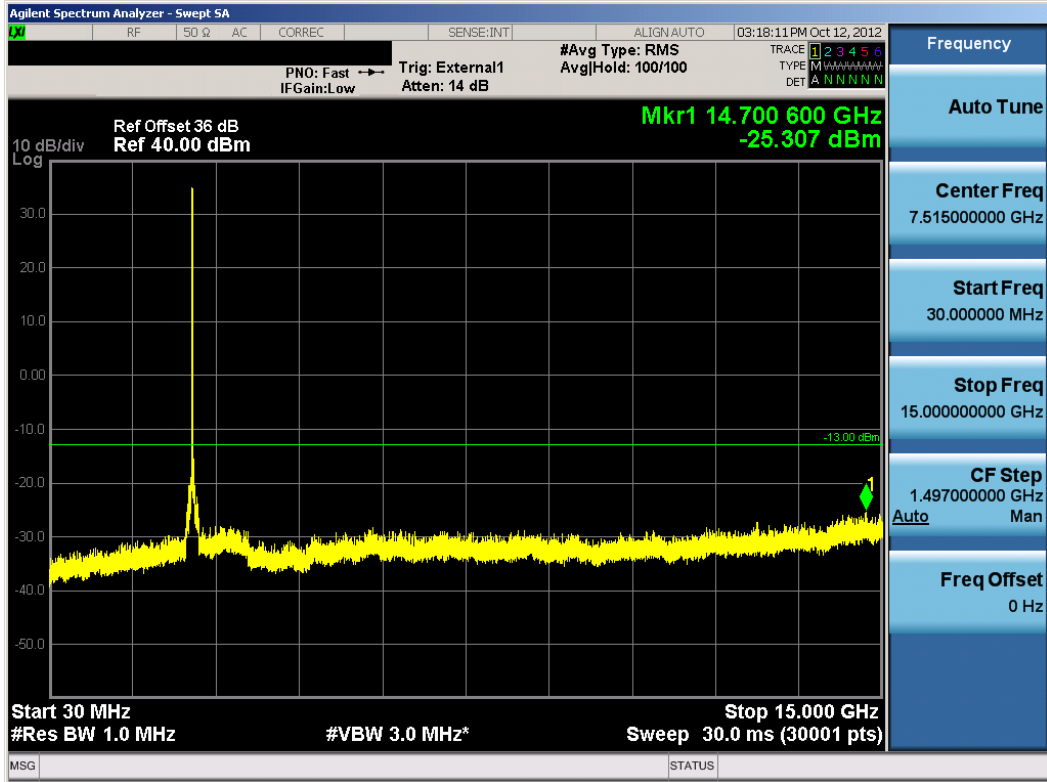


Plot 8-148. Lower Extended Channel Edge Plot (TD-LTE Mode – Low Channel)

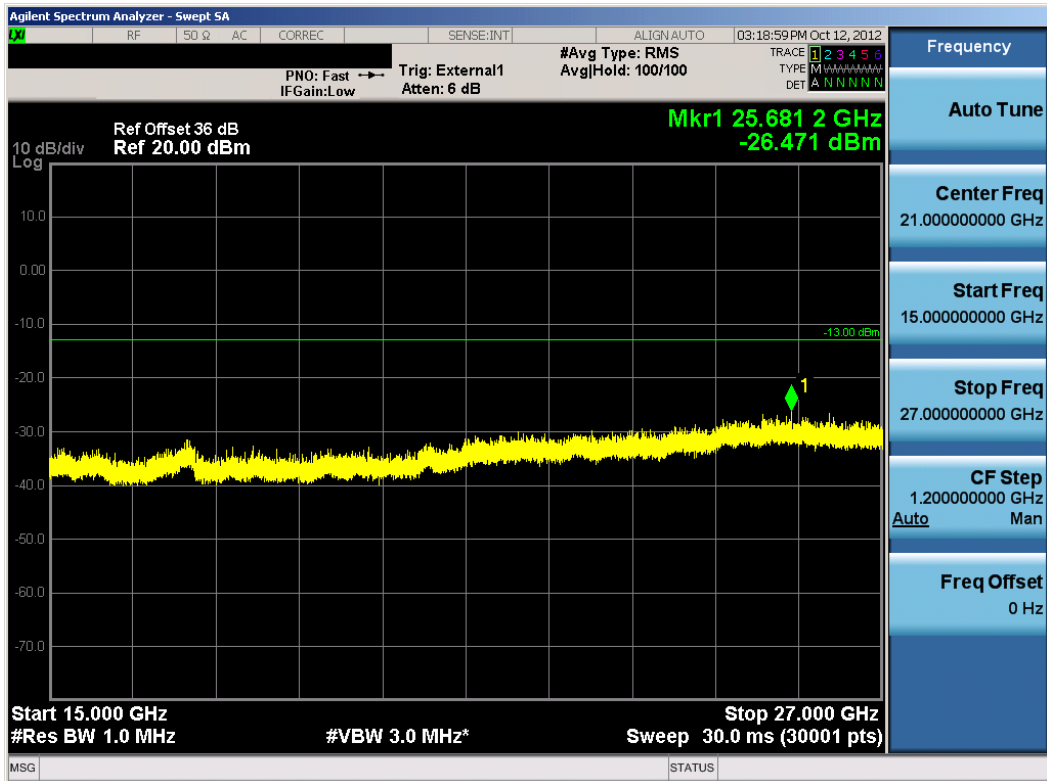


Plot 8-149. Upper Extended Channel Edge Plot (TD-LTE Mode – Low Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 224 of 247

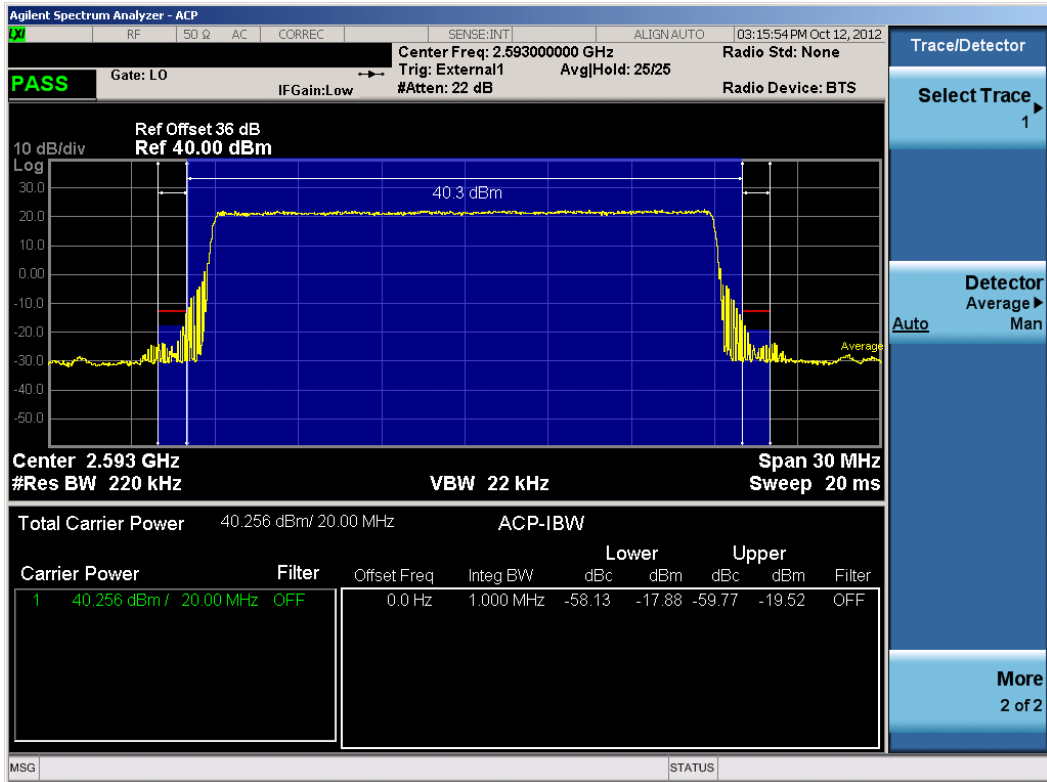


Plot 8-150. Conducted Spurious Plot (TD-LTE Mode – Mid Channel)



Plot 8-151. Conducted Spurious Plot (TD-LTE Mode – Mid Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 225 of 247



Plot 8-152. Channel Edge Plot (TD-LTE Mode – Mid Channel)

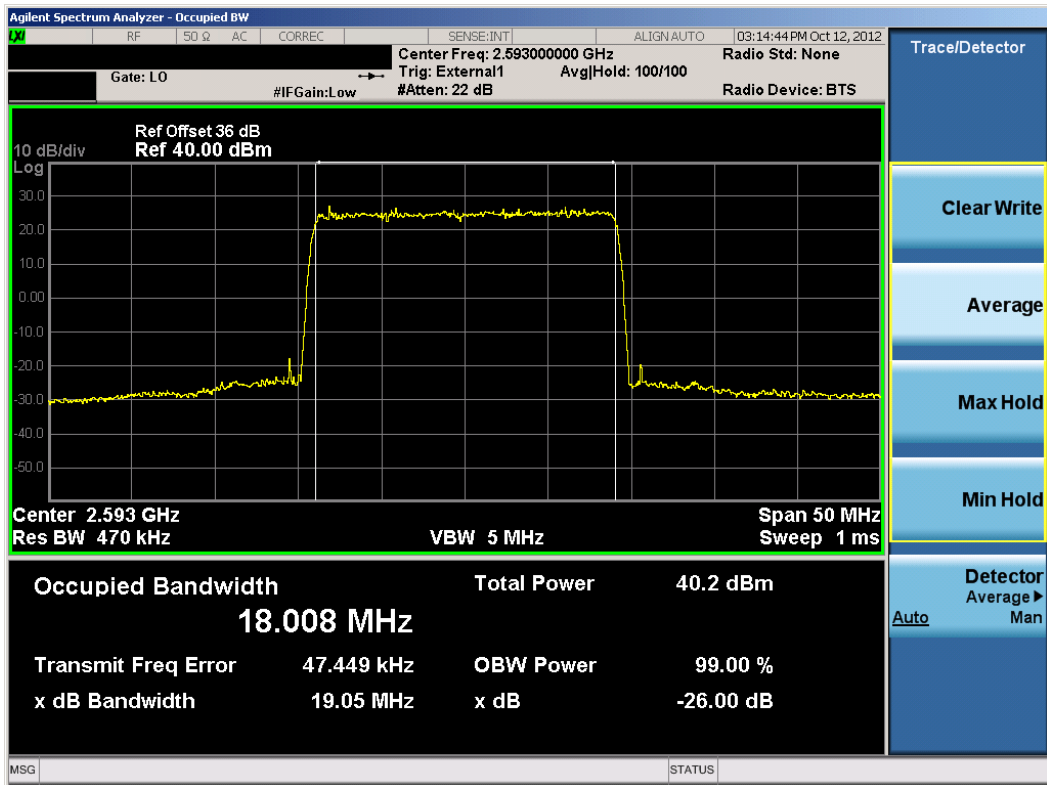


Plot 8-153. Lower Extended Channel Edge Plot (TD-LTE Mode – Mid Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 226 of 247

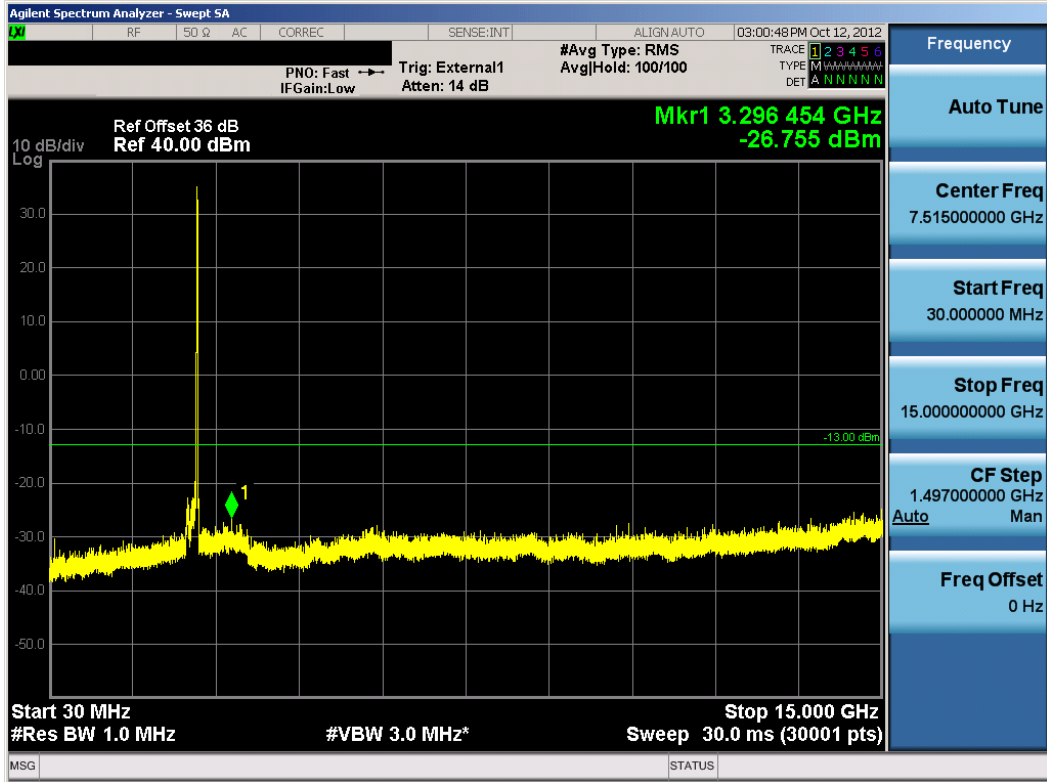


Plot 8-154. Upper Extended Channel Edge Plot (TD-LTE Mode – Mid Channel)

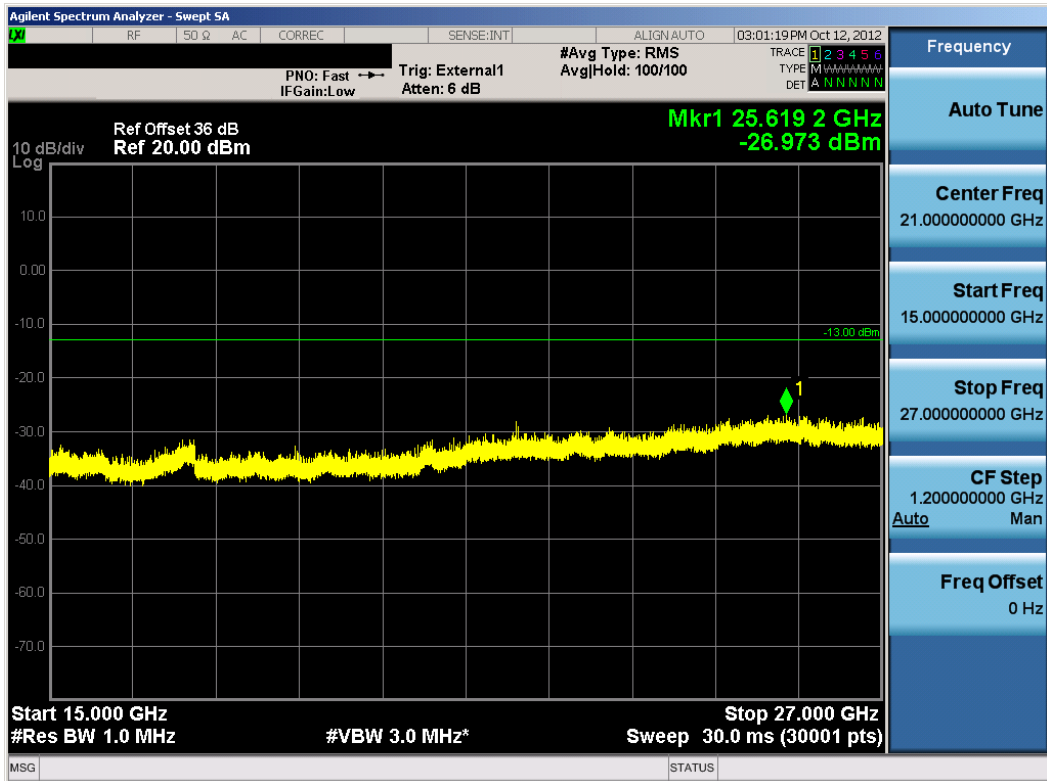


Plot 8-155. Occupied Bandwidth Plot (TD-LTE Mode – Mid Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 227 of 247

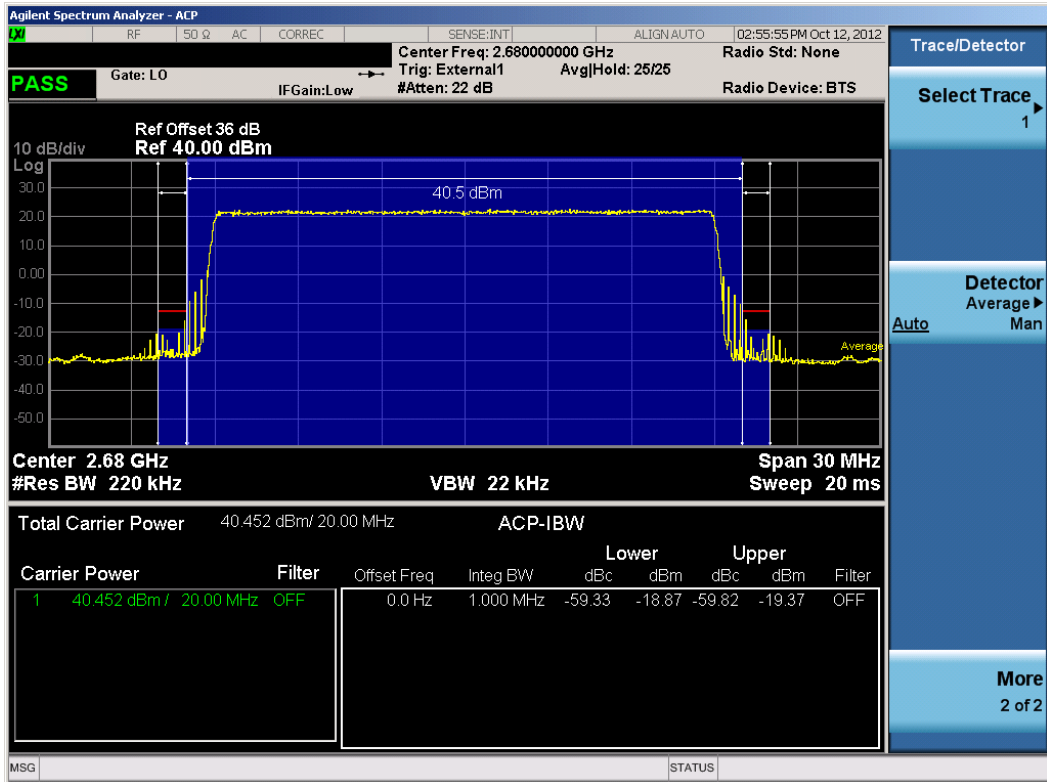


Plot 8-156. Conducted Spurious Plot (TD-LTE Mode – High Channel)

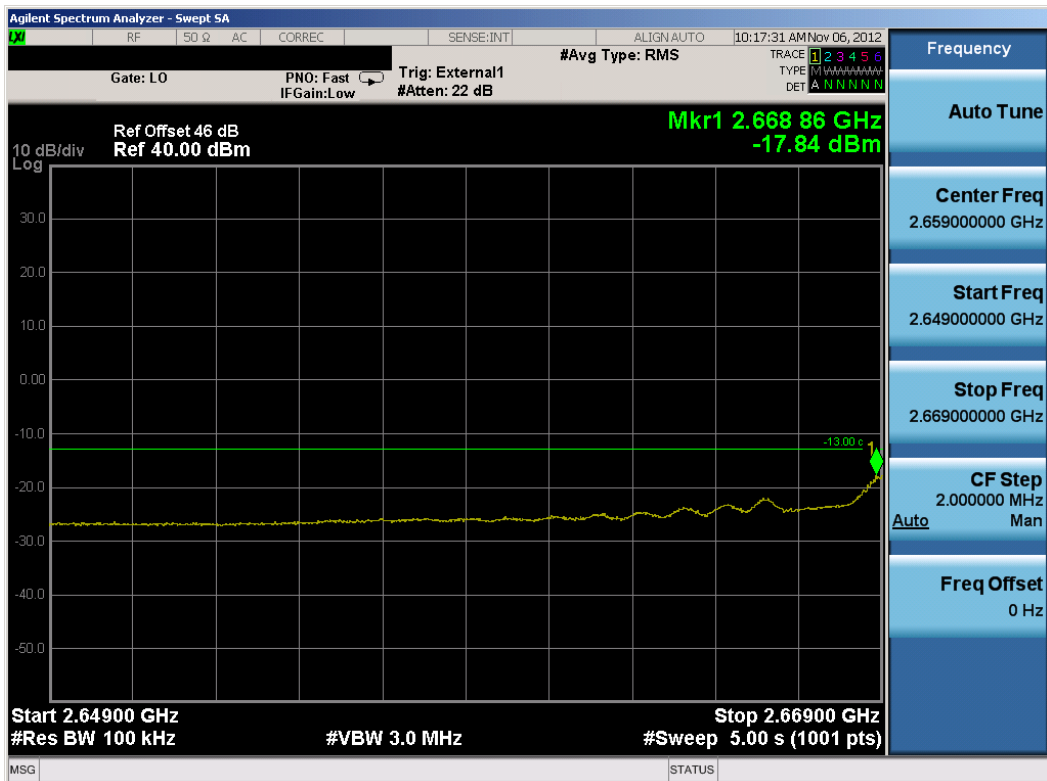


Plot 8-157. Conducted Spurious Plot (TD-LTE Mode – High Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 228 of 247



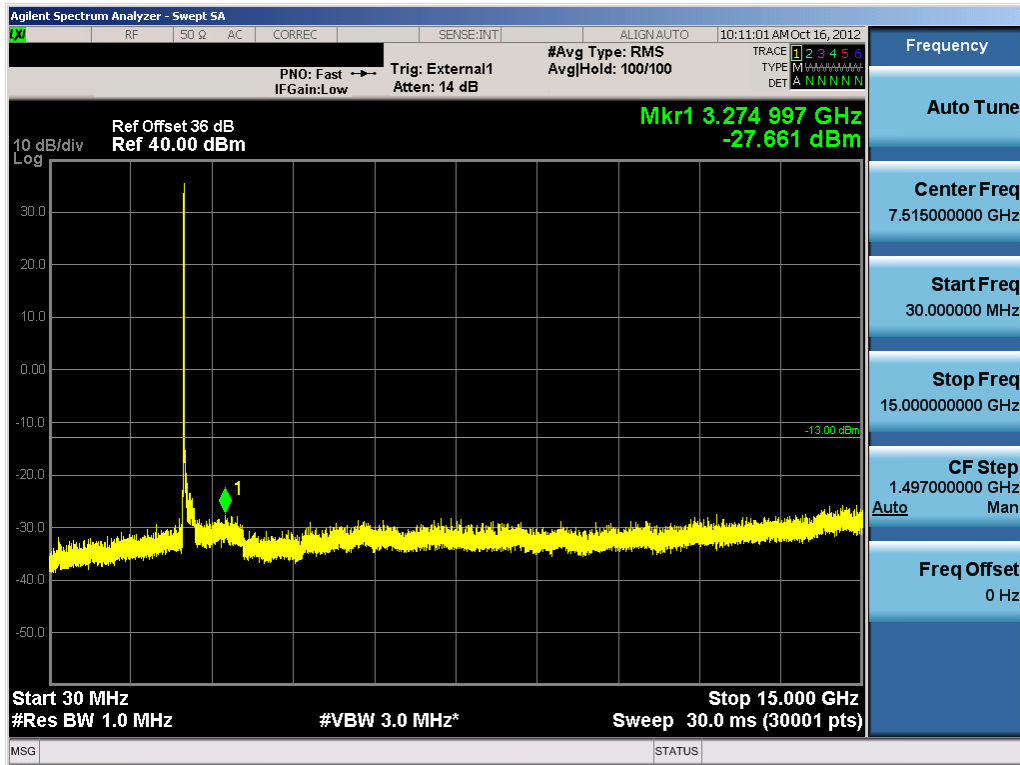
Plot 8-158. Channel Edge Plot (TD-LTE Mode – High Channel)



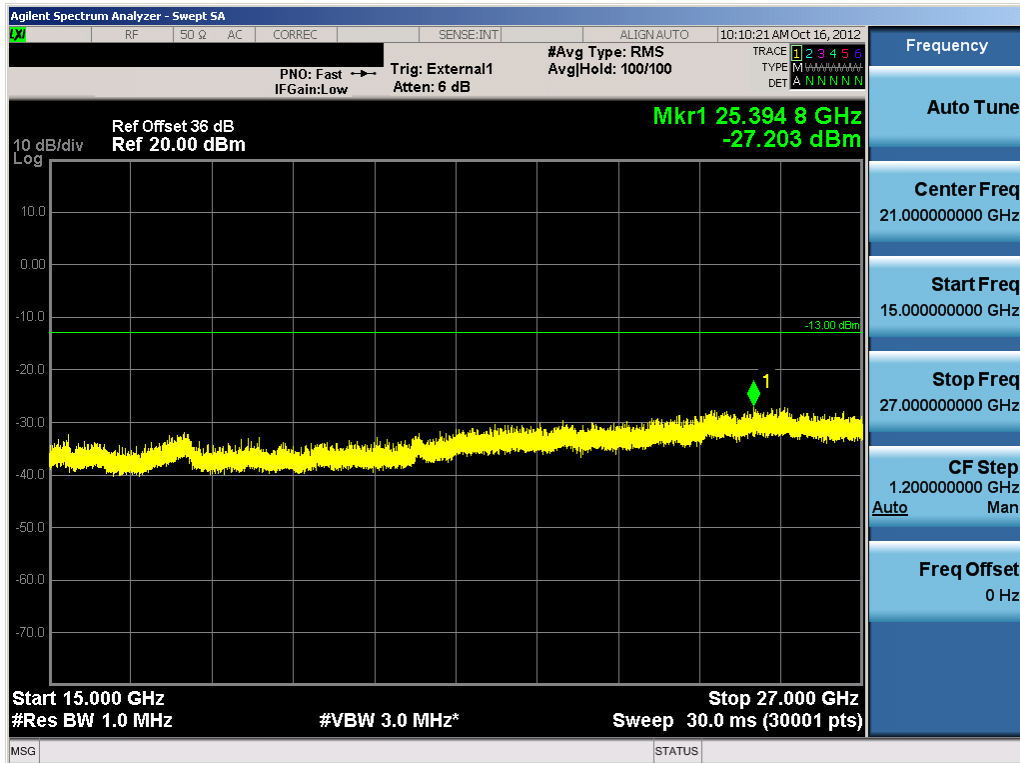
Plot 8-159. Lower Extended Channel Edge Plot (TD-LTE Mode – High Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 229 of 247

16-QAM Modulation

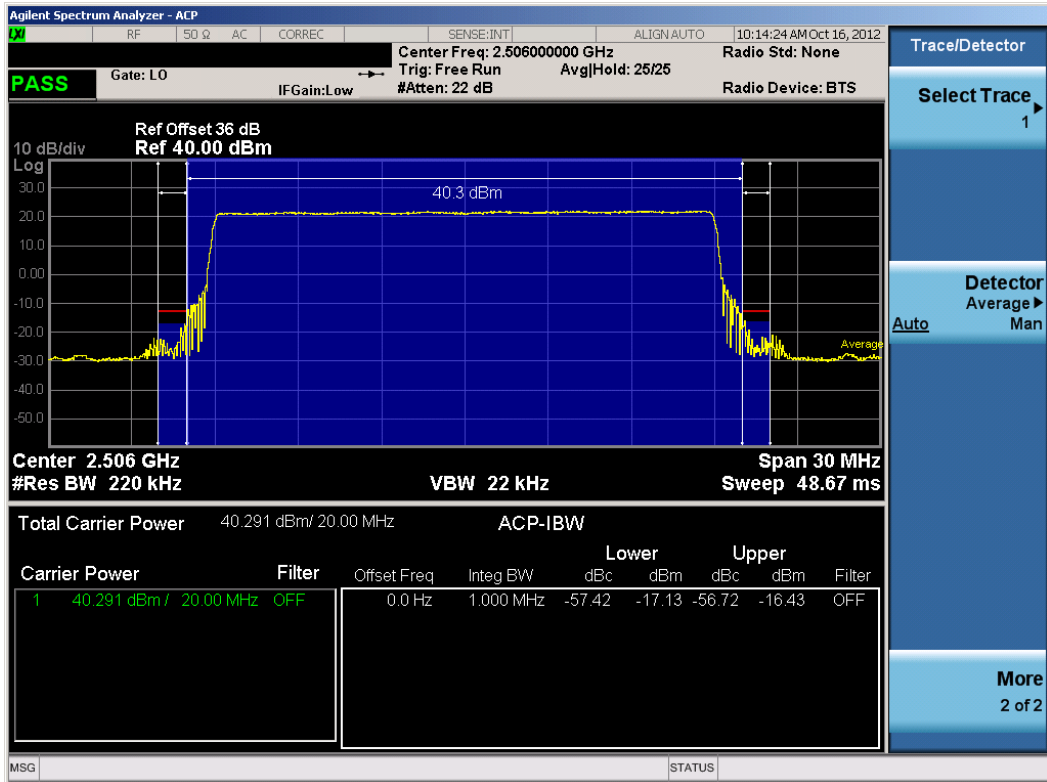


Plot 8-161. Conducted Spurious Plot (TD-LTE Mode – Low Channel)

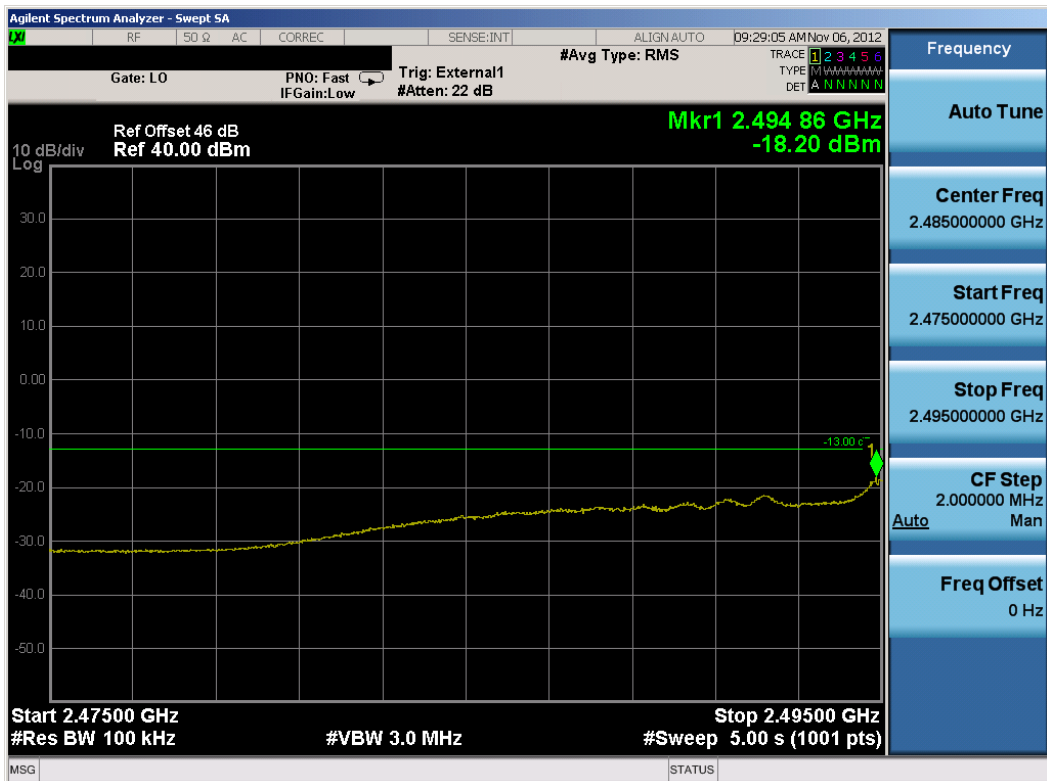


Plot 8-162. Conducted Spurious Plot (TD-LTE Mode – Low Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 231 of 247

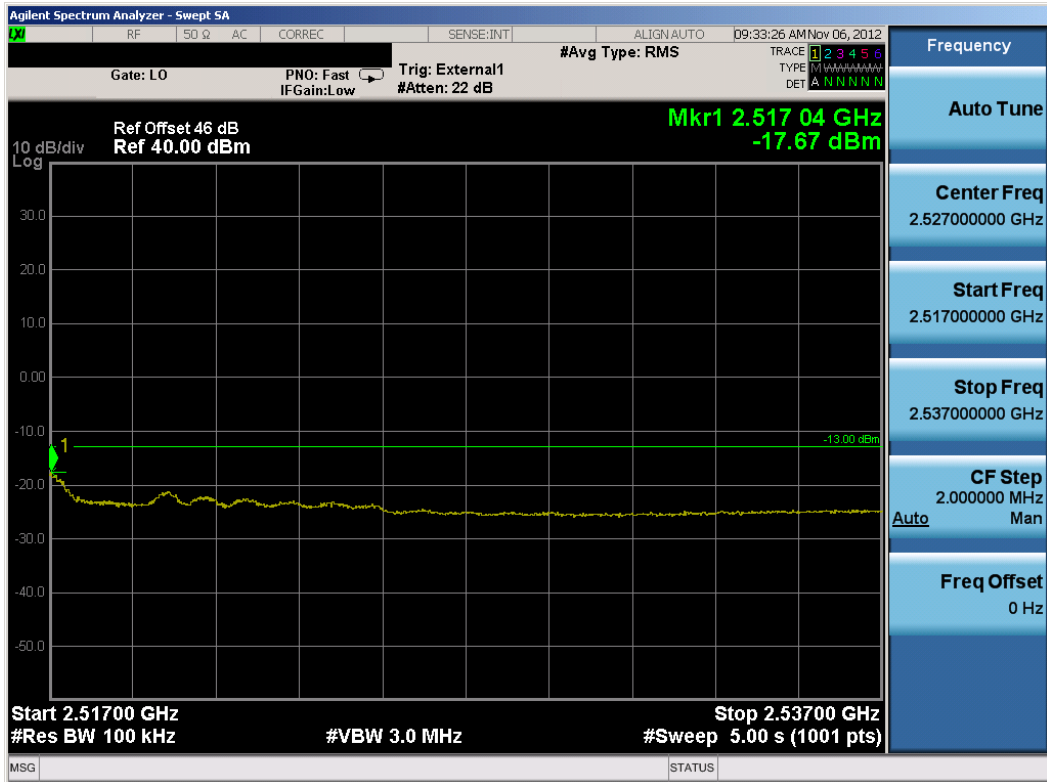


Plot 8-163. Channel Edge Plot (TD-LTE Mode – Low Channel)

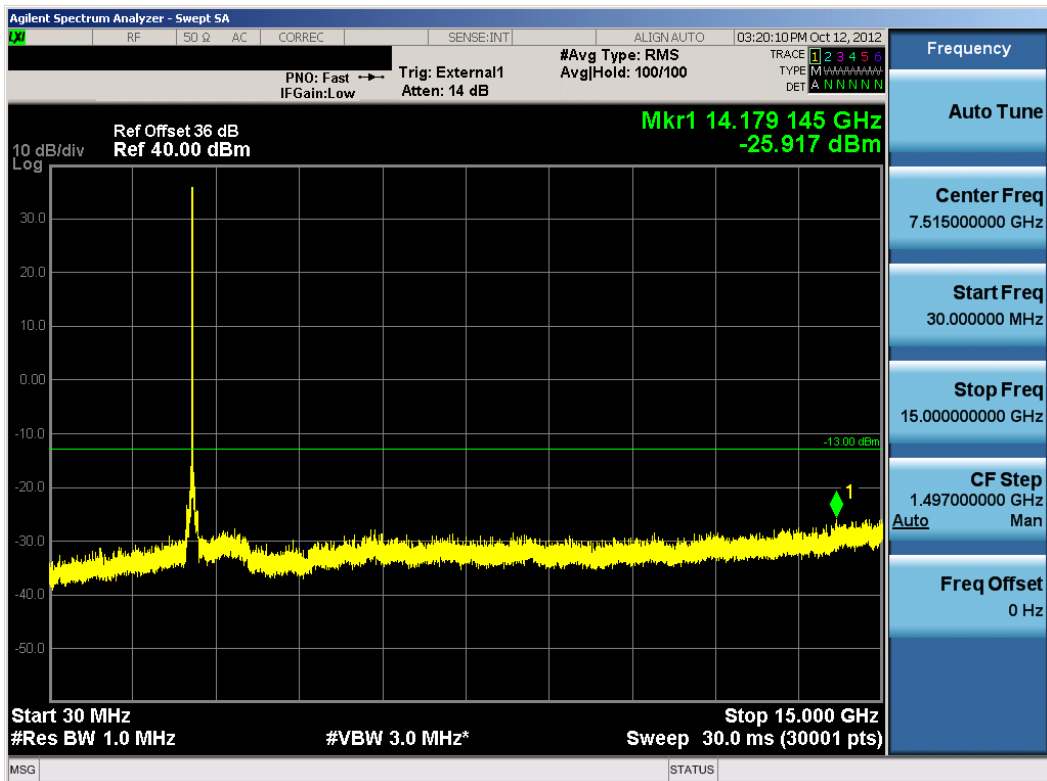


Plot 8-164. Lower Extended Channel Edge Plot (TD-LTE Mode – Low Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 232 of 247



Plot 8-165. Upper Extended Channel Edge Plot (TD-LTE Mode – Low Channel)

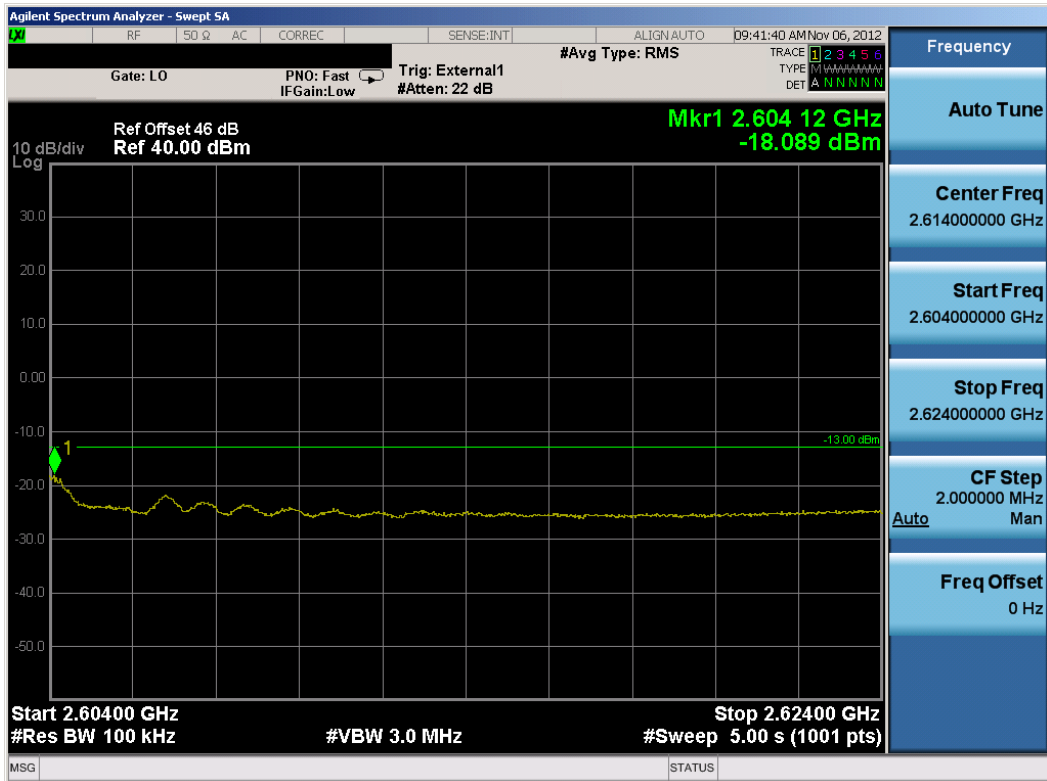


Plot 8-166. Conducted Spurious Plot (TD-LTE Mode – Mid Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 233 of 247

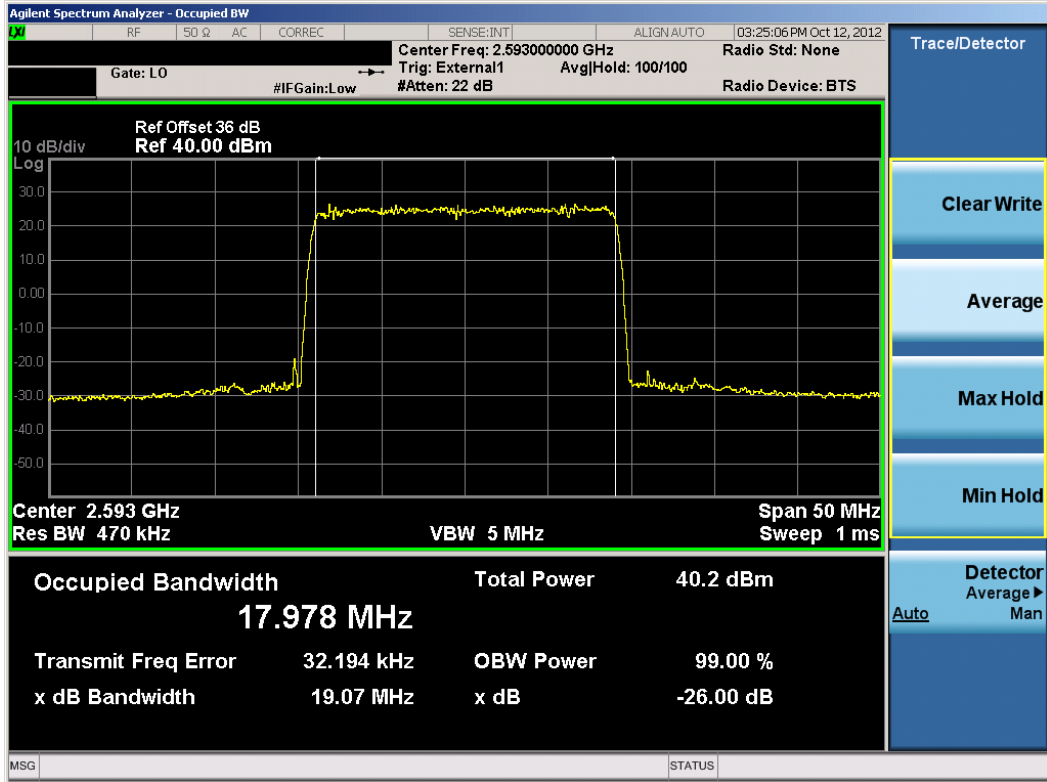


Plot 8-169. Lower Extended Channel Edge Plot (TD-LTE Mode – Mid Channel)

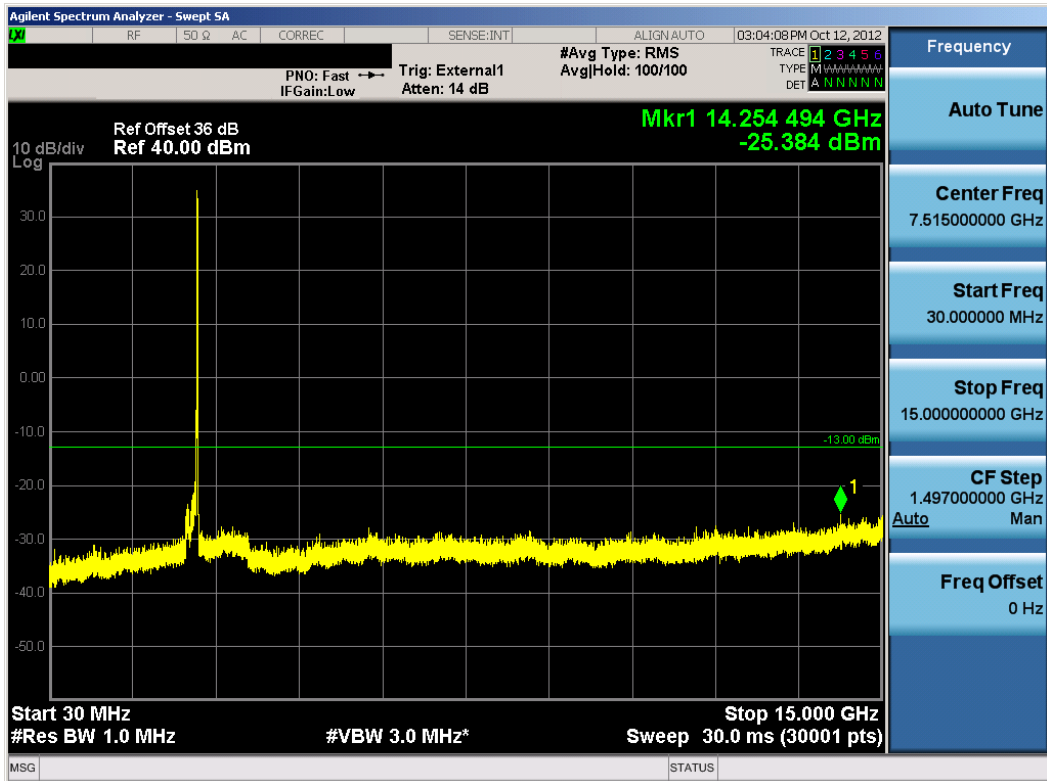


Plot 8-170. Upper Extended Channel Edge Plot (TD-LTE Mode – Mid Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 235 of 247



Plot 8-171. Occupied Bandwidth Plot (TD-LTE Mode – Mid Channel)

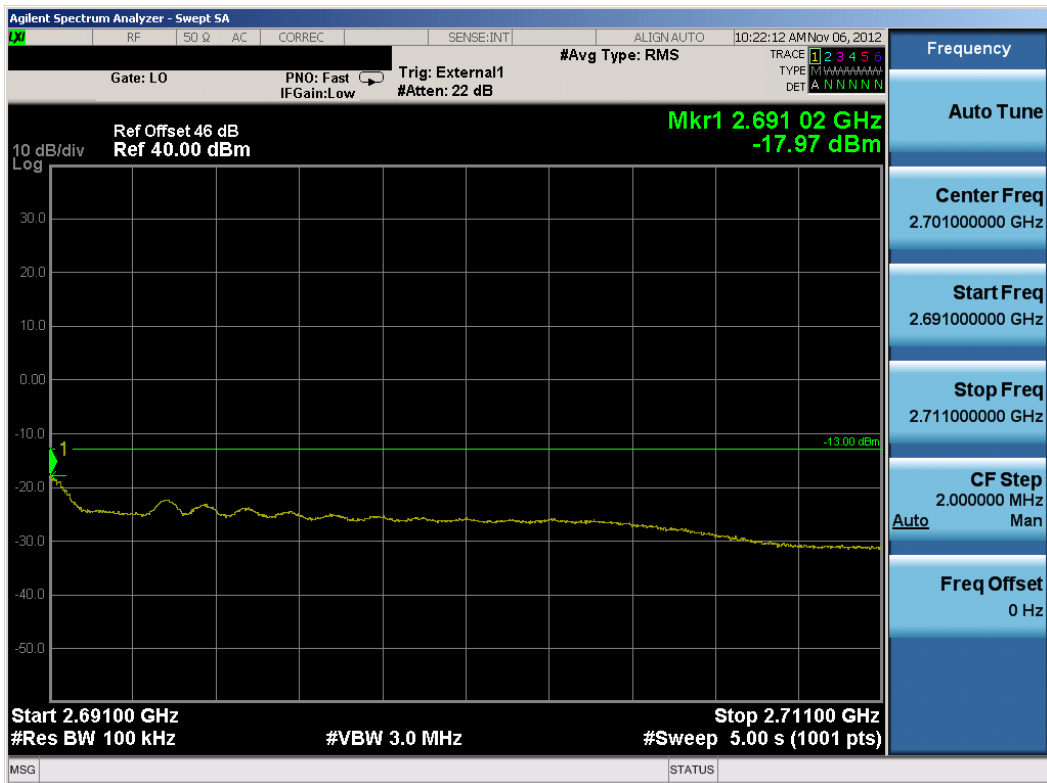


Plot 8-172. Conducted Spurious Plot (TD-LTE Mode – High Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 236 of 247



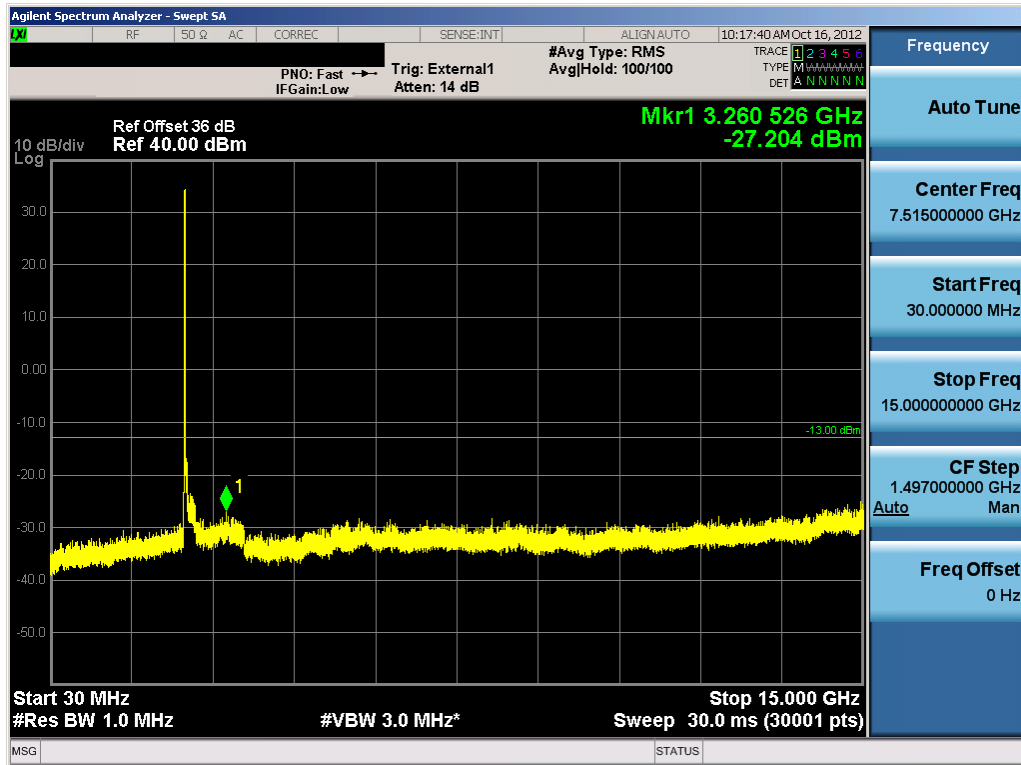
Plot 8-175. Lower Extended Channel Edge Plot (TD-LTE Mode – High Channel)



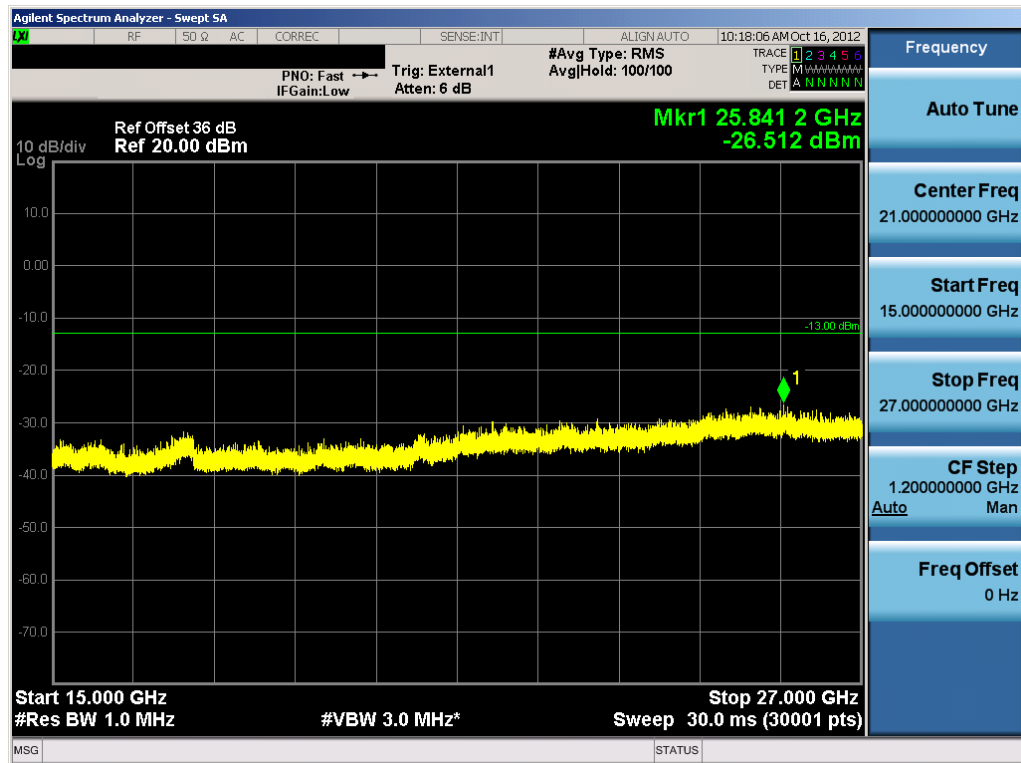
Plot 8-176. Upper Extended Channel Edge Plot (TD-LTE Mode – High Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 238 of 247

64-QAM Modulation

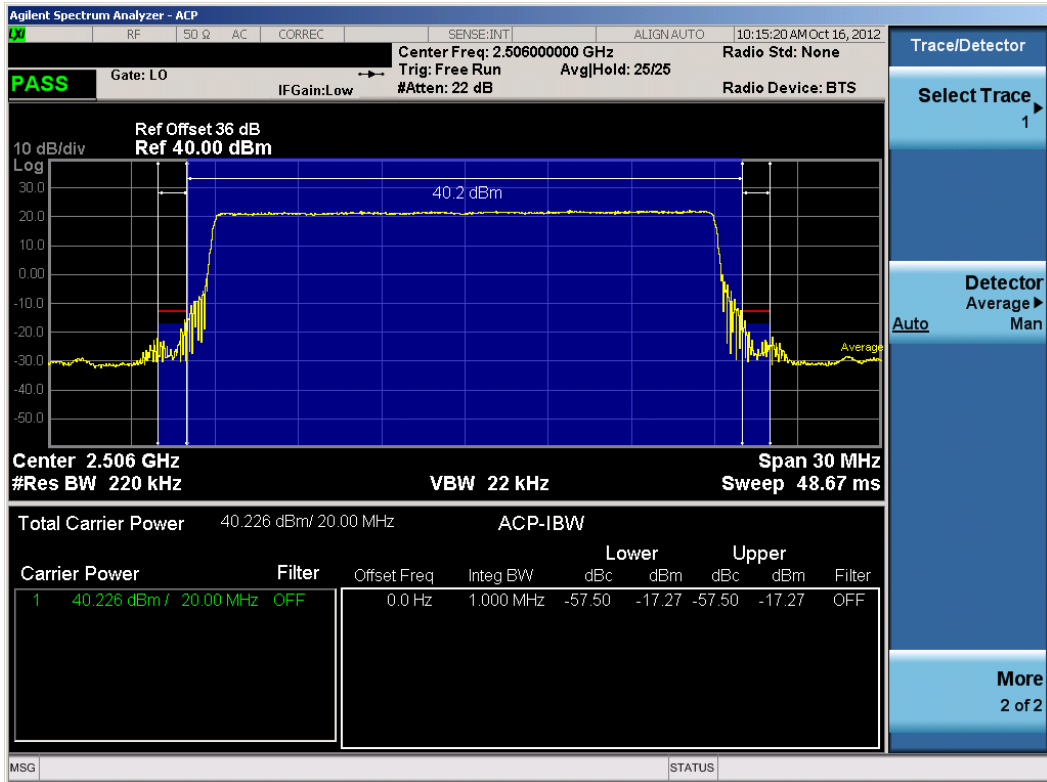


Plot 8-177. Conducted Spurious Plot (TD-LTE Mode – Low Channel)

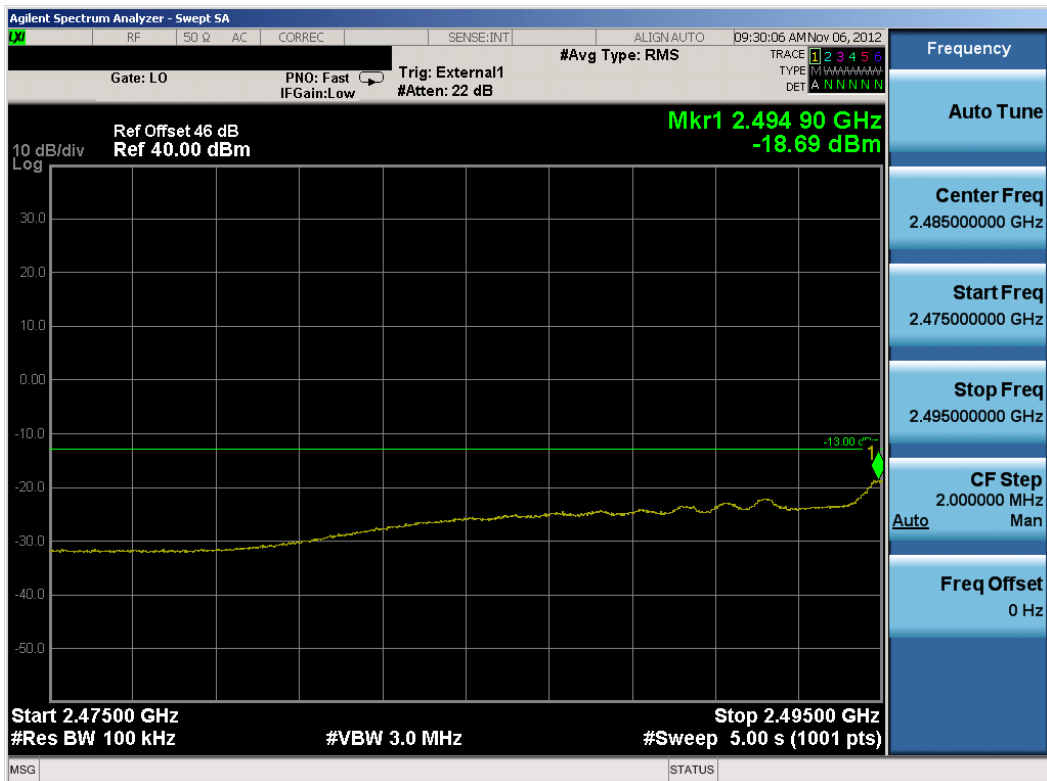


Plot 8-178. Conducted Spurious Plot (TD-LTE Mode – Low Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 239 of 247

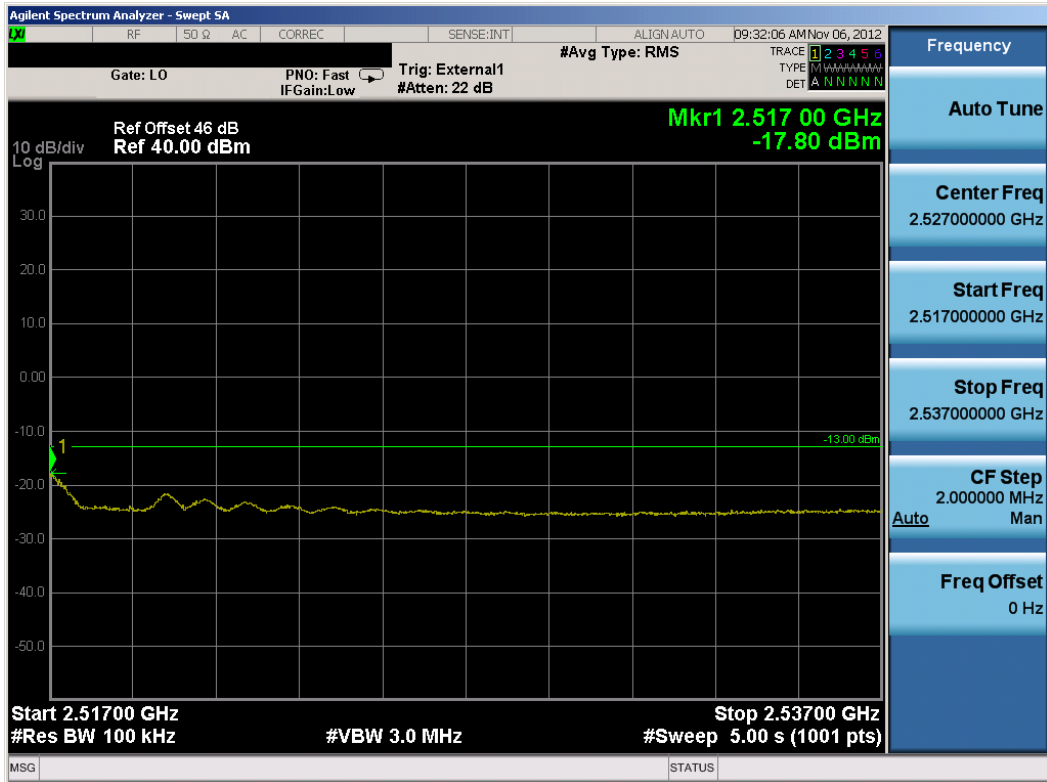


Plot 8-179. Channel Edge Plot (TD-LTE Mode – Low Channel)

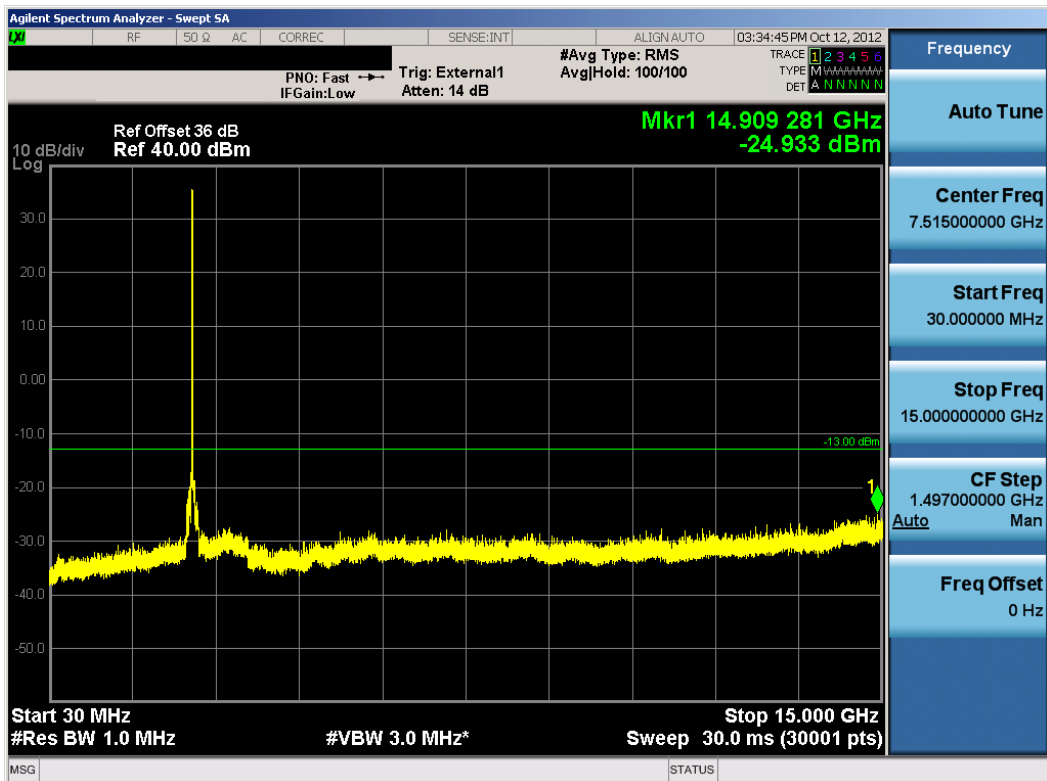


Plot 8-180. Lower Extended Channel Edge Plot (TD-LTE Mode – Low Channel)

FCC ID: A3LSLS-BD104Q1		FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 240 of 247

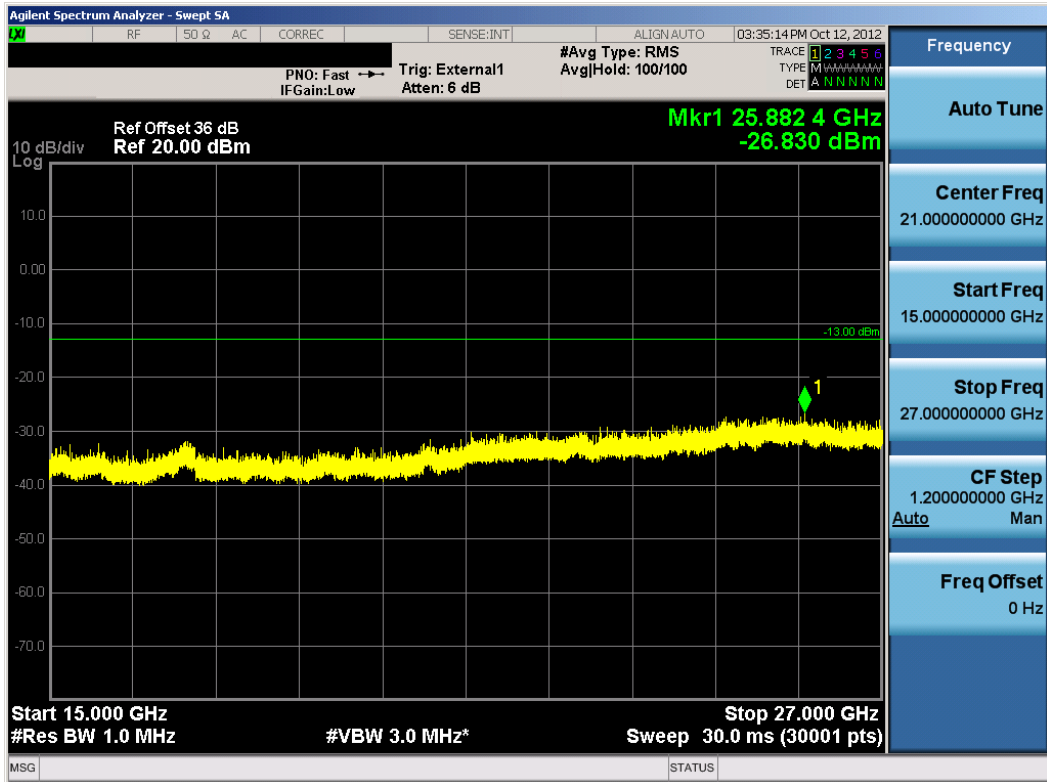


Plot 8-181. Upper Extended Channel Edge Plot (TD-LTE Mode – Low Channel)

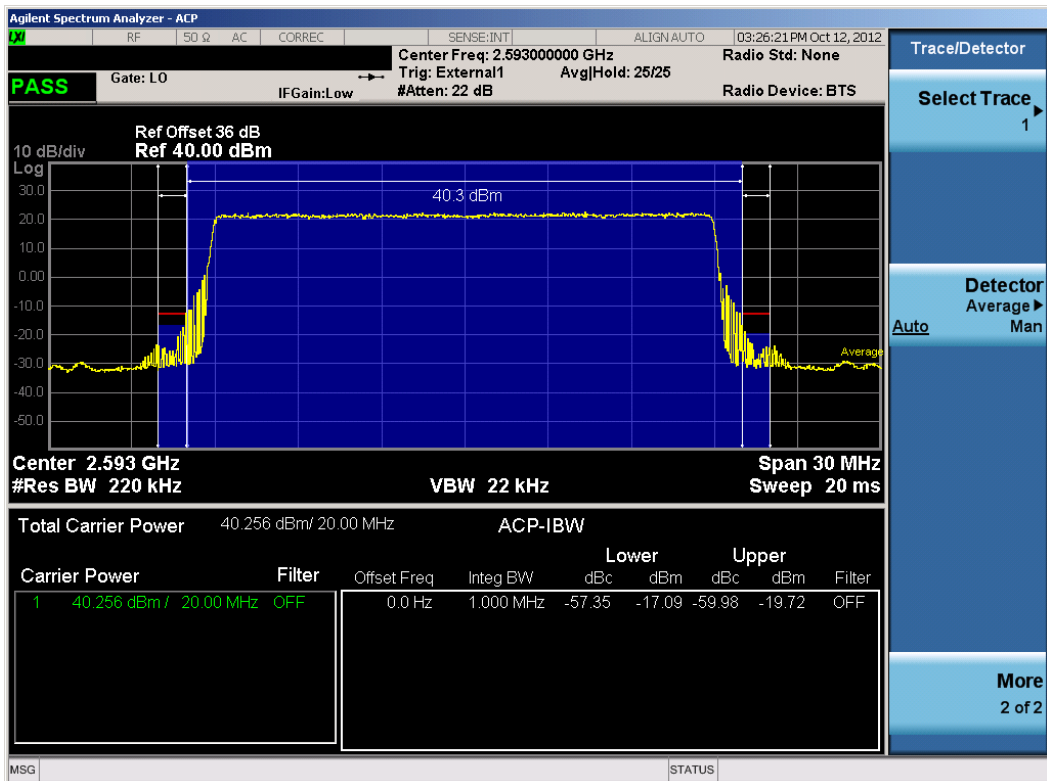


Plot 8-182. Conducted Spurious Plot (TD-LTE Mode – Mid Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 241 of 247



Plot 8-183. Conducted Spurious Plot (TD-LTE Mode – Mid Channel)

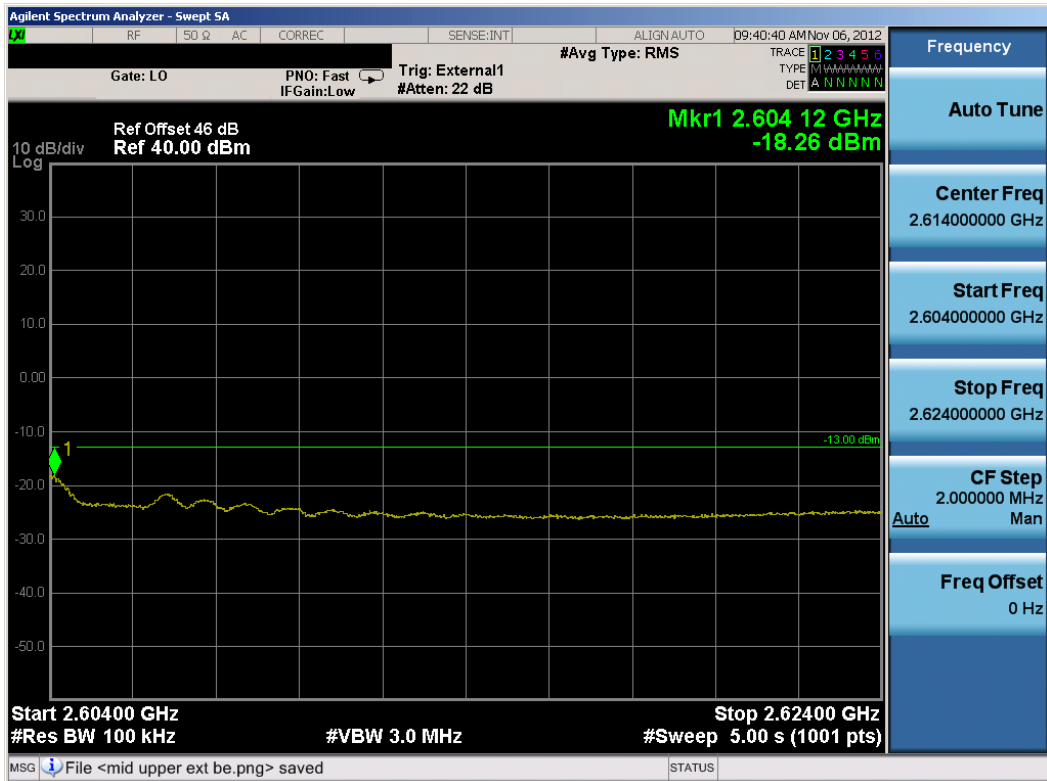


Plot 8-184. Channel Edge Plot (TD-LTE Mode – Mid Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 242 of 247

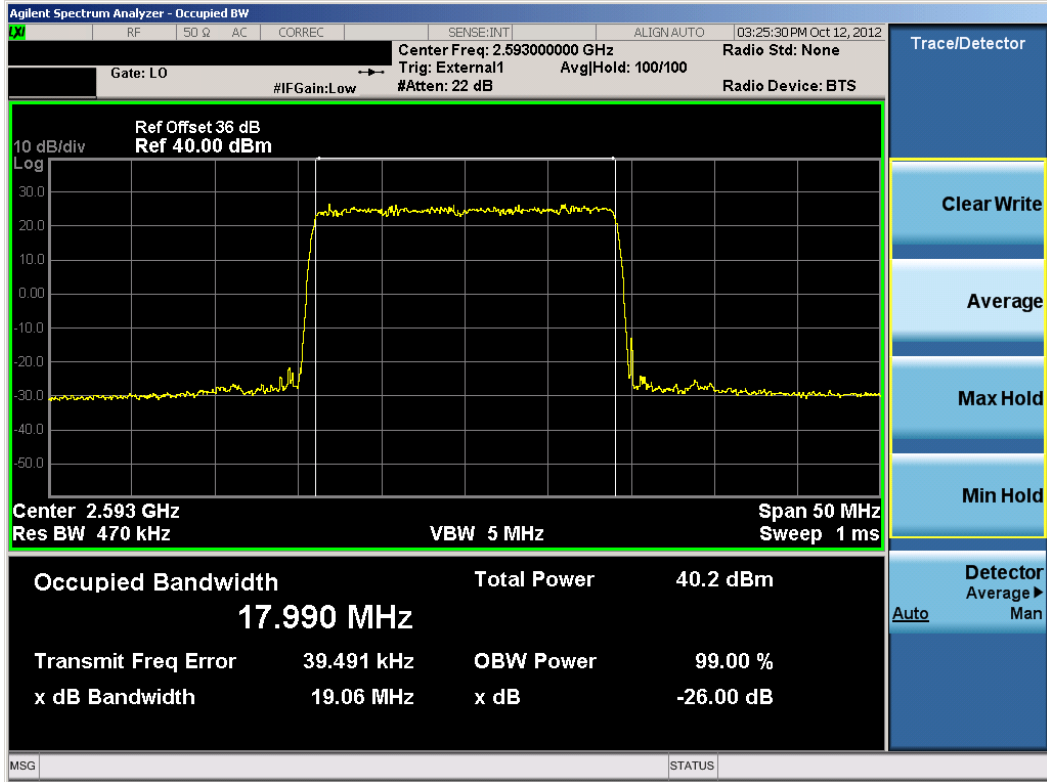


Plot 8-185. Lower Extended Channel Edge Plot (TD-LTE Mode – Mid Channel)

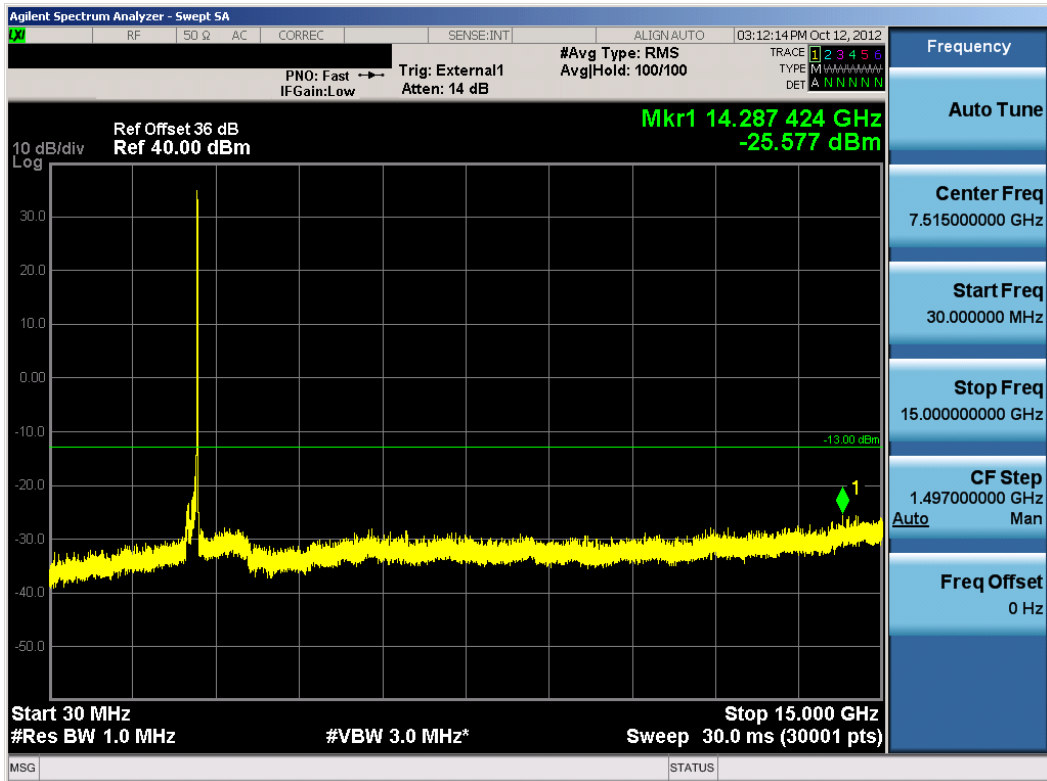


Plot 8-186. Upper Extended Channel Edge Plot (TD-LTE Mode – Mid Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 243 of 247



Plot 8-187. Occupied Bandwidth Plot (TD-LTE Mode – Mid Channel)

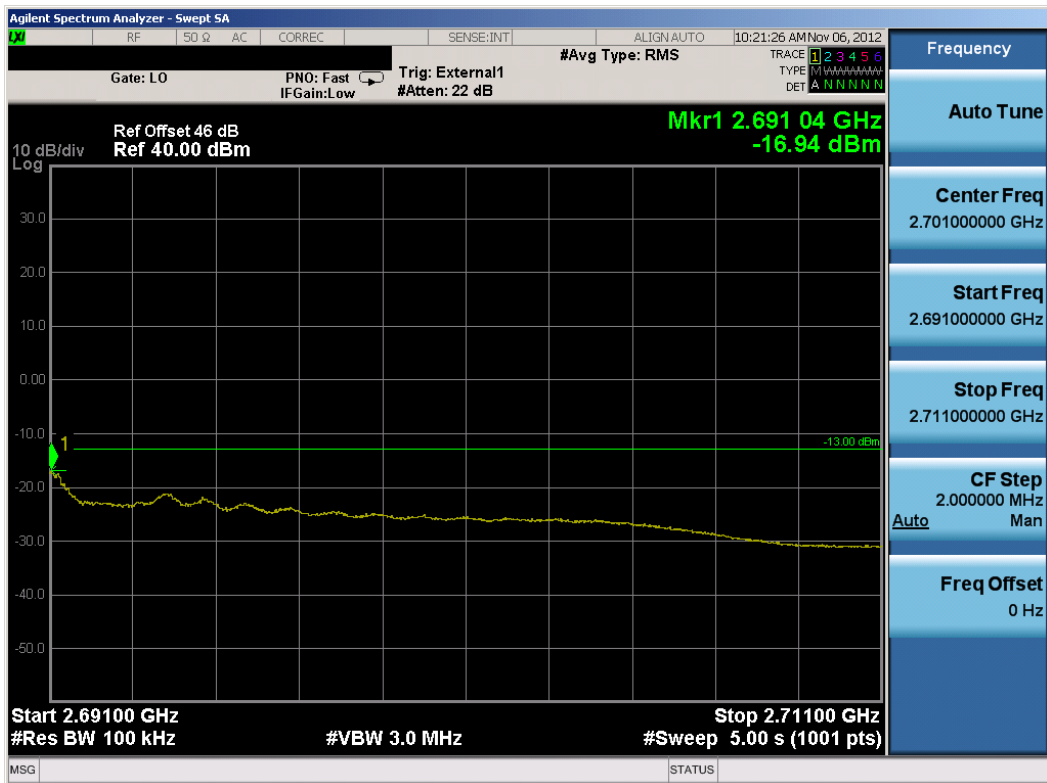


Plot 8-188. Conducted Spurious Plot (TD-LTE Mode – High Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 244 of 247



Plot 8-191. Lower Extended Channel Edge Plot (TD-LTE Mode – High Channel)





Plot 8-192. Upper Extended Channel Edge Plot (TD-LTE Mode – High Channel)

FCC ID: A3LSLS-BD104Q1	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 246 of 247

9.0 CONCLUSION

The data collected relate only to the item(s) tested and show that the **Samsung Base Station FCC ID: A3LSLS-BD104Q1** complies with all the requirements of Parts 2 and 27 of the FCC rules.

FCC ID: A3LSLS-BD104Q1		FCC Pt. 27 WiMAX / TD-LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1210191526.A3L	Test Dates: 09/28 - 11/06/2012	EUT Type: Base Station		Page 247 of 247