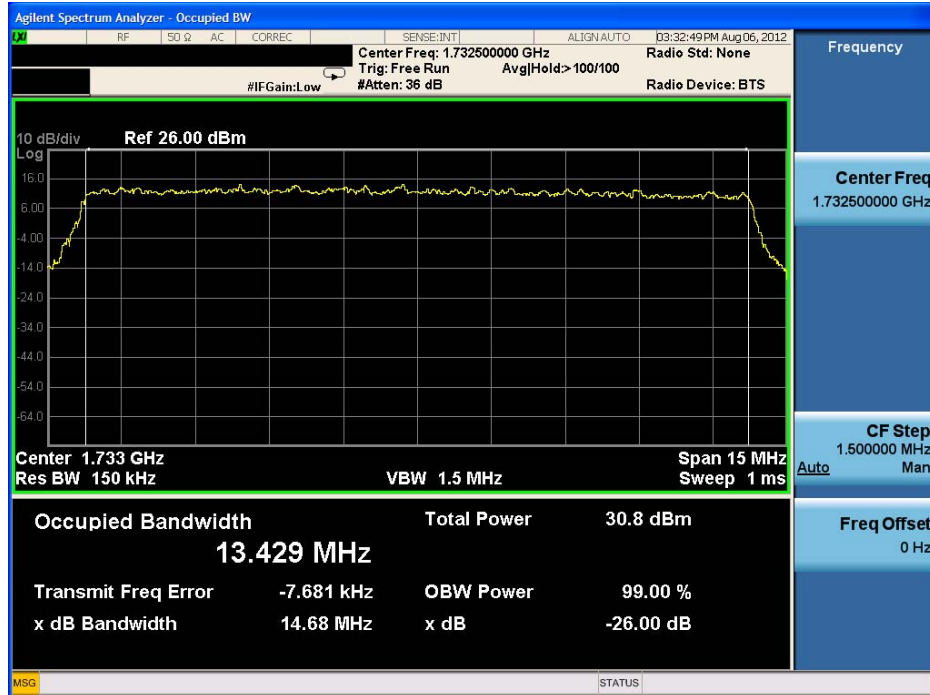
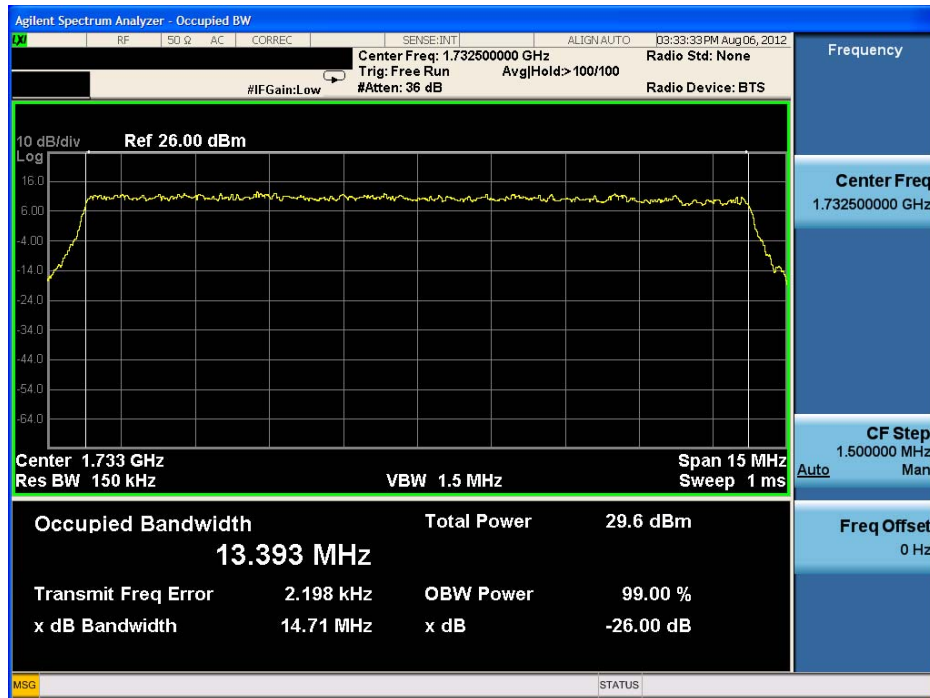


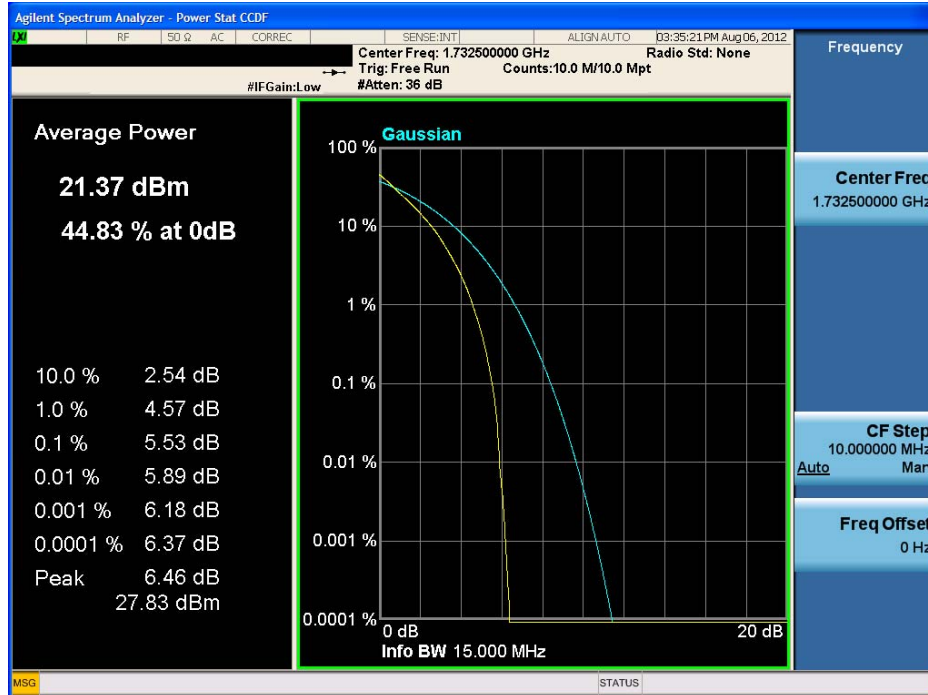


Plot 7-65. Occupied Bandwidth Plot (QPSK – RB Size 75)

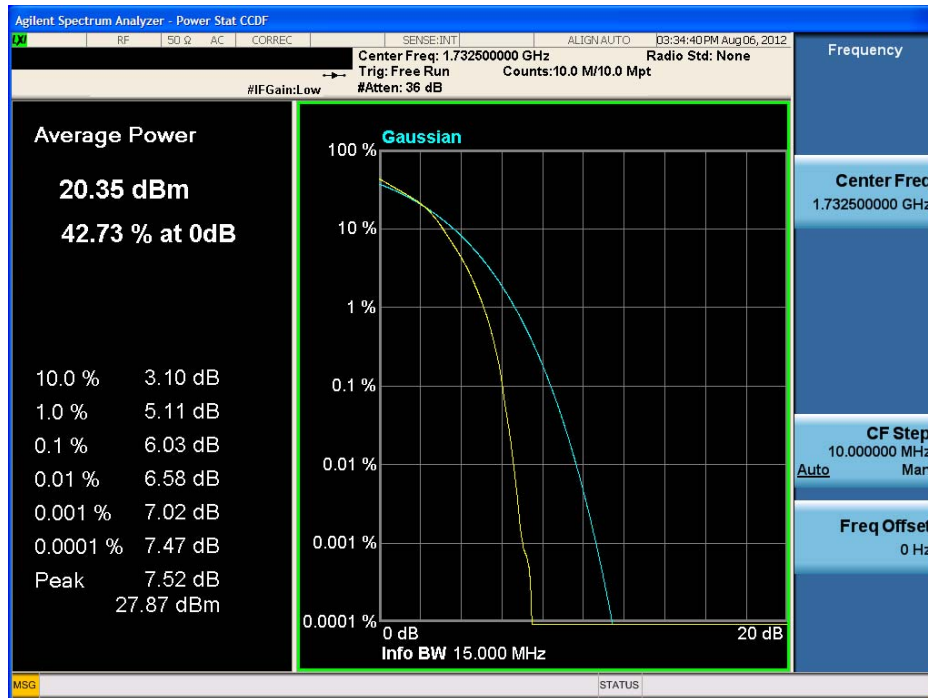


Plot 7-66. Occupied Bandwidth Plot (16-QAM – RB Size 75)

FCC ID: A3LSGHI437	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1207311075.A3L	Test Dates: August 6-14, 2012	EUT Type: Portable Handset		Page 75 of 95

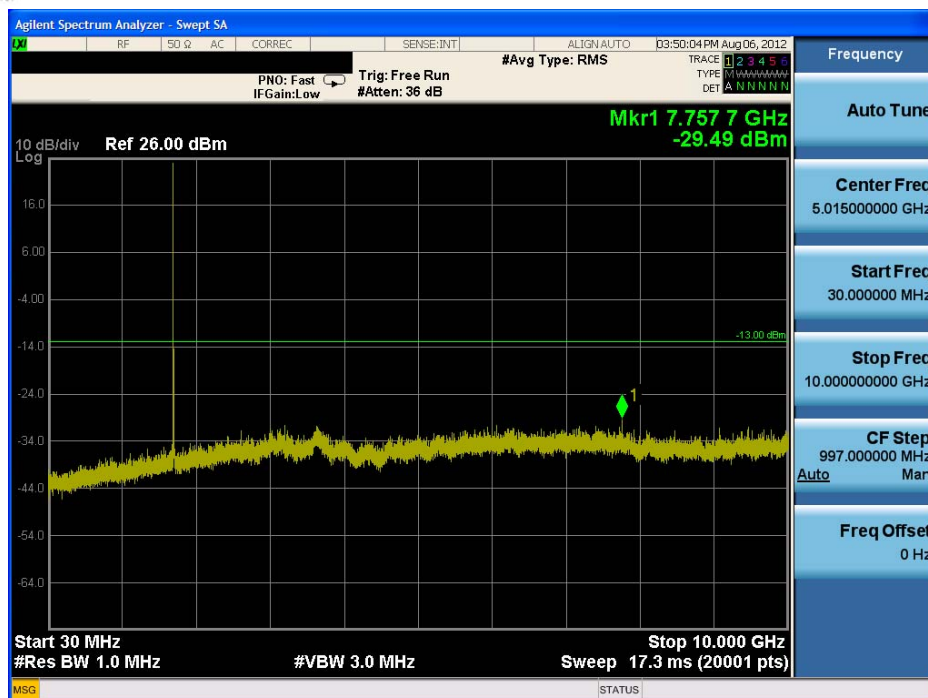


Plot 7-67. Peak to Average Ratio Plot (QPSK - RB Size 75)

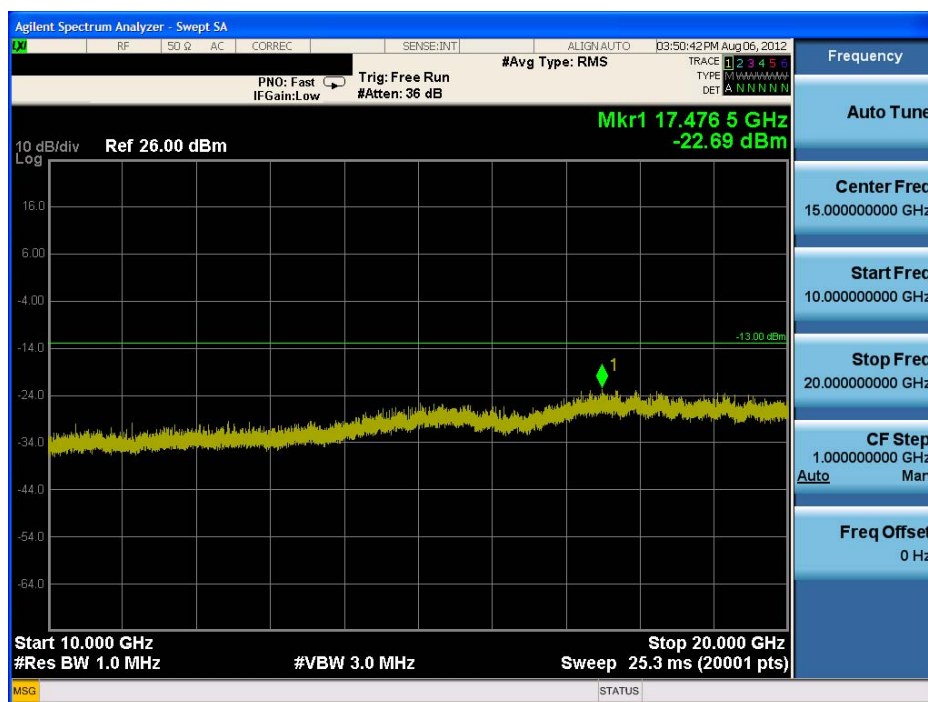


Plot 7-68. Peak to Average Ratio Plot (16QAM - RB Size 75)

FCC ID: A3LSGHI437	PCTEST ENGINEERING LABORATORY, INC. FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		SAMSUNG Reviewed by: Quality Manager
Test Report S/N: 0Y1207311075.A3L	Test Dates: August 6-14, 2012	EUT Type: Portable Handset	Page 76 of 95

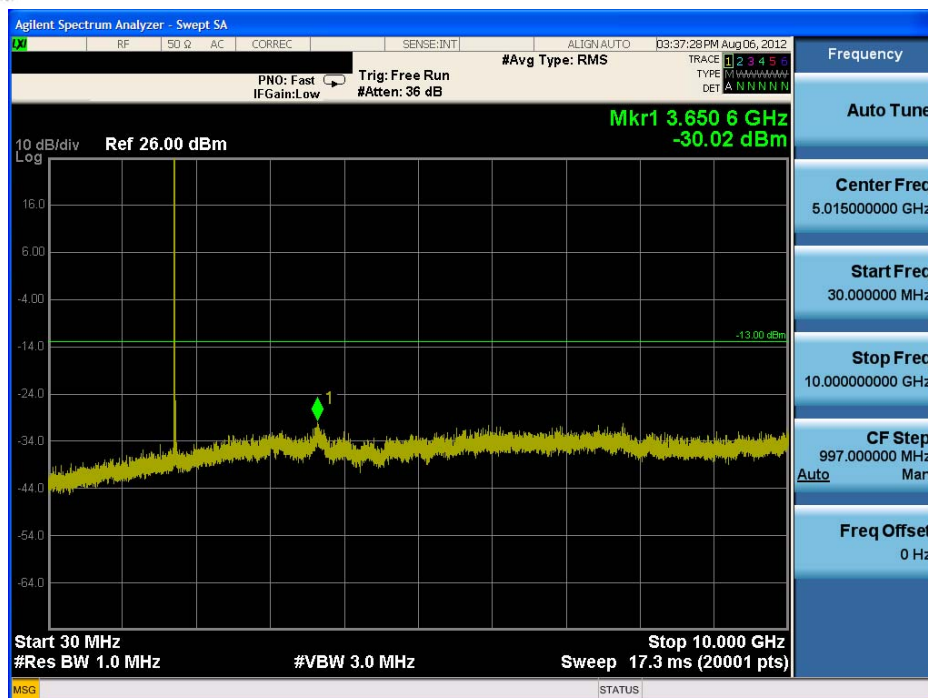


Plot 7-69. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 0– Low Channel)

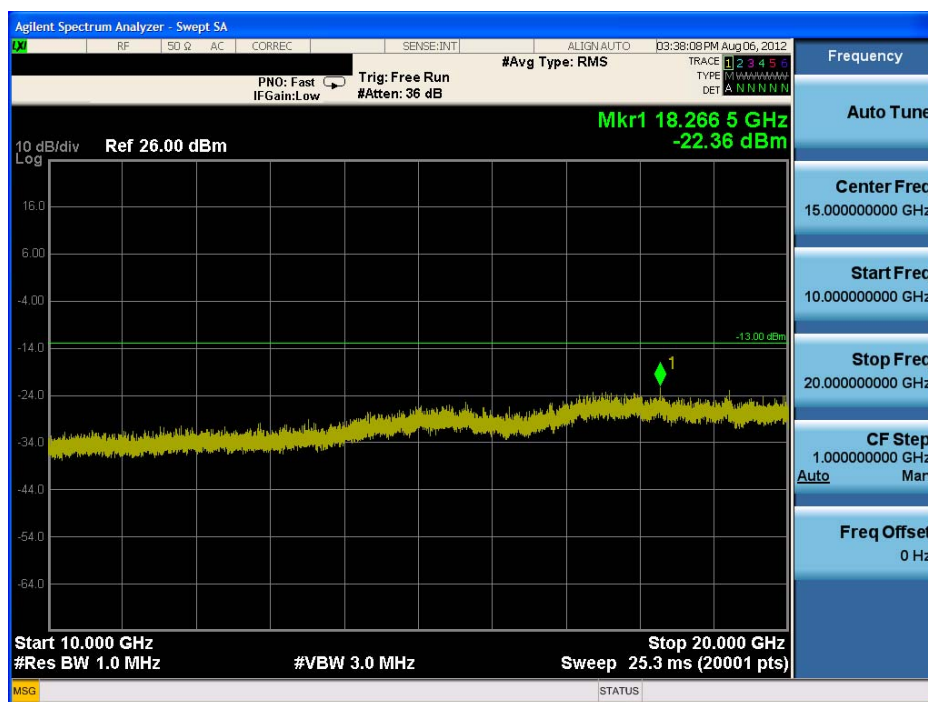


Plot 7-70. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 0 – Low Channel)

FCC ID: A3LSGHI437			FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1207311075.A3L	Test Dates: August 6-14, 2012	EUT Type: Portable Handset		Page 77 of 95	

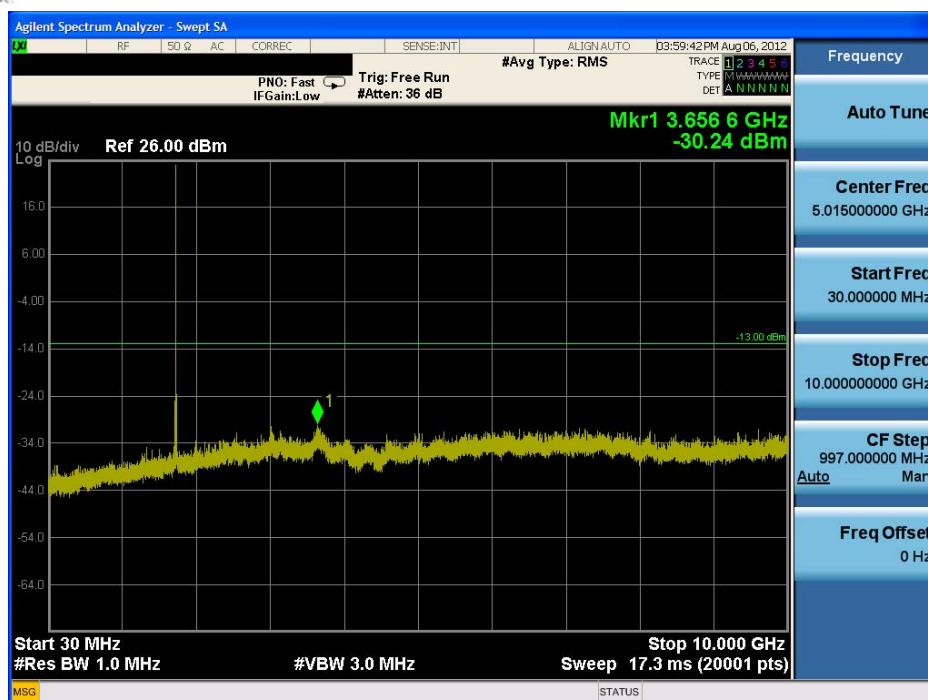


Plot 7-71. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 0 – Mid Channel)

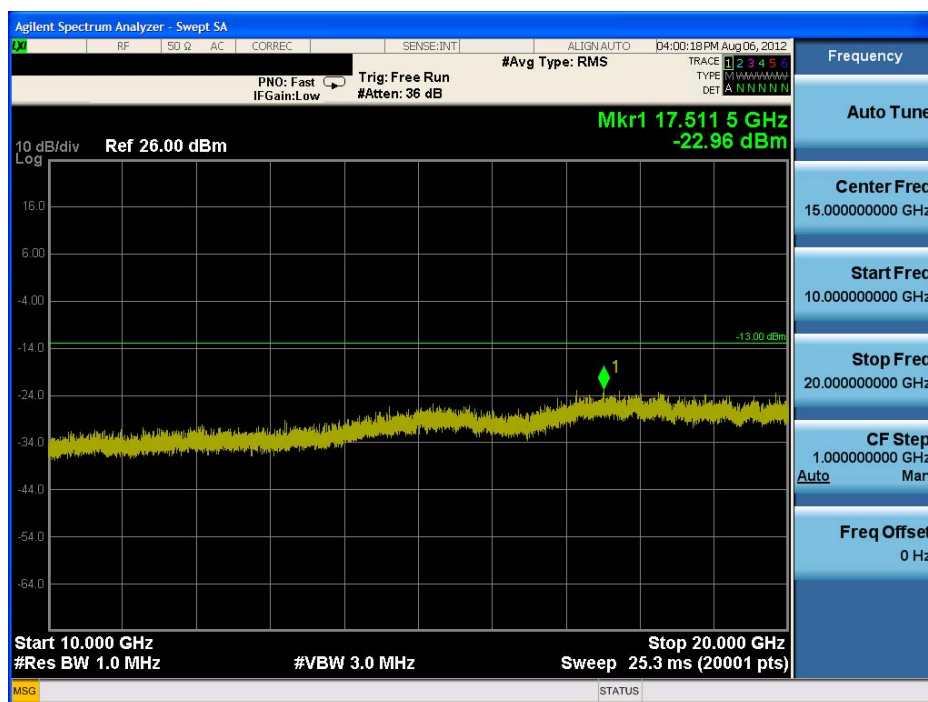


Plot 7-72. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 0 – Mid Channel)

FCC ID: A3LSGHI437			FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1207311075.A3L	Test Dates: August 6-14, 2012	EUT Type: Portable Handset			Page 78 of 95



Plot 7-73. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 0 – High Channel)



Plot 7-74. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 0 – High Channel)

FCC ID: A3LSGHI437	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1207311075.A3L	Test Dates: August 6-14, 2012	EUT Type: Portable Handset		Page 79 of 95



Plot 7-75. Upper Band Edge Plot (QPSK – RB Size 1, Offset 74)



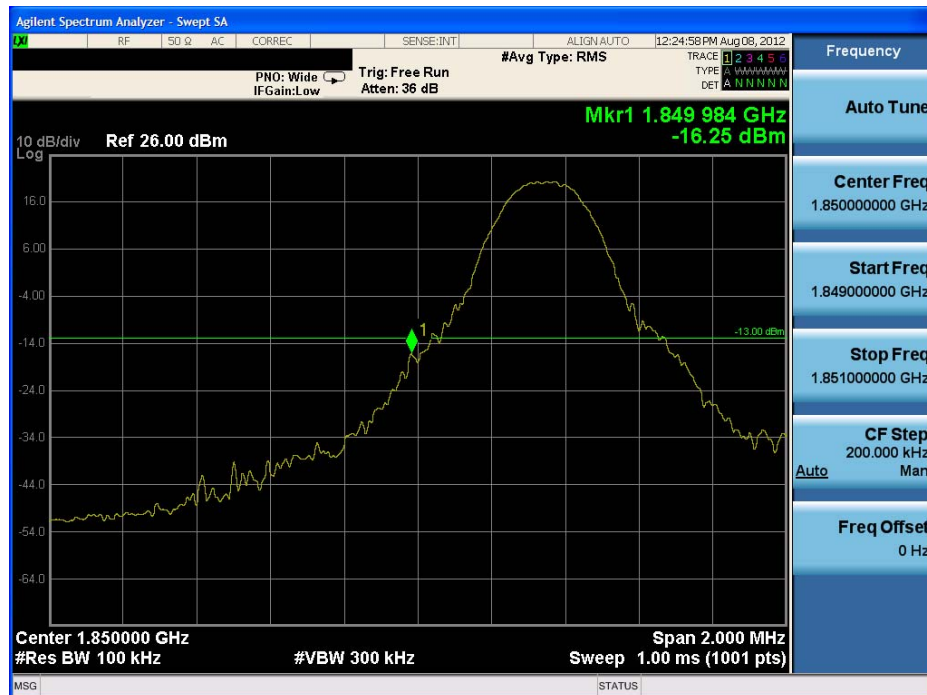
Plot 7-76. Upper Band Edge Plot (QPSK – RB Size 75)

FCC ID: A3LSGHI437	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1207311075.A3L	Test Dates: August 6-14, 2012	EUT Type: Portable Handset		Page 80 of 95

BAND 2 – 5 MHz BW

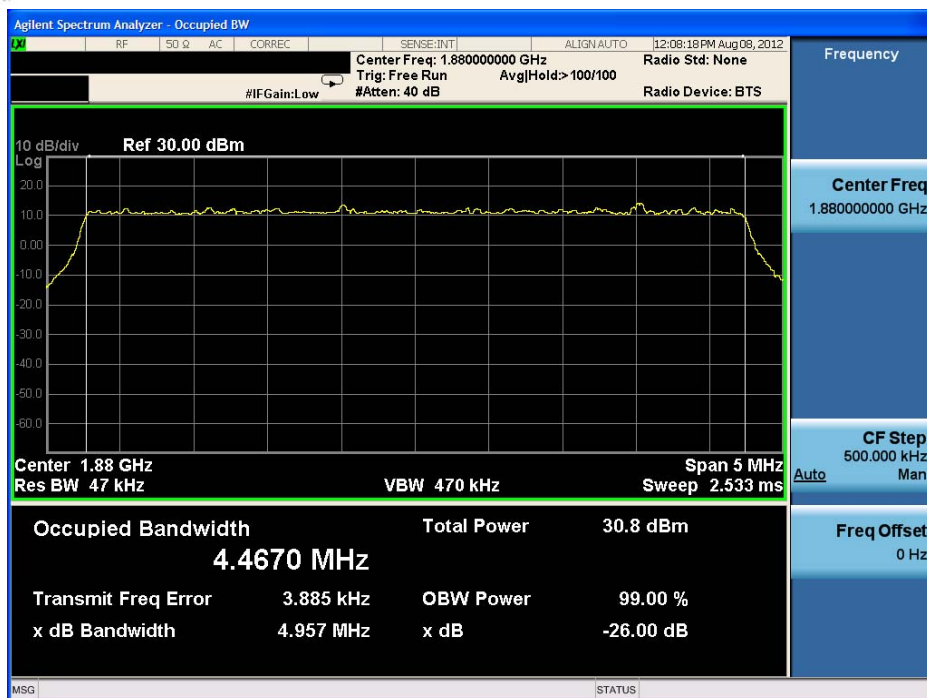


Plot 7-77. Lower Band Edge Plot (QPSK – RB Size 25)

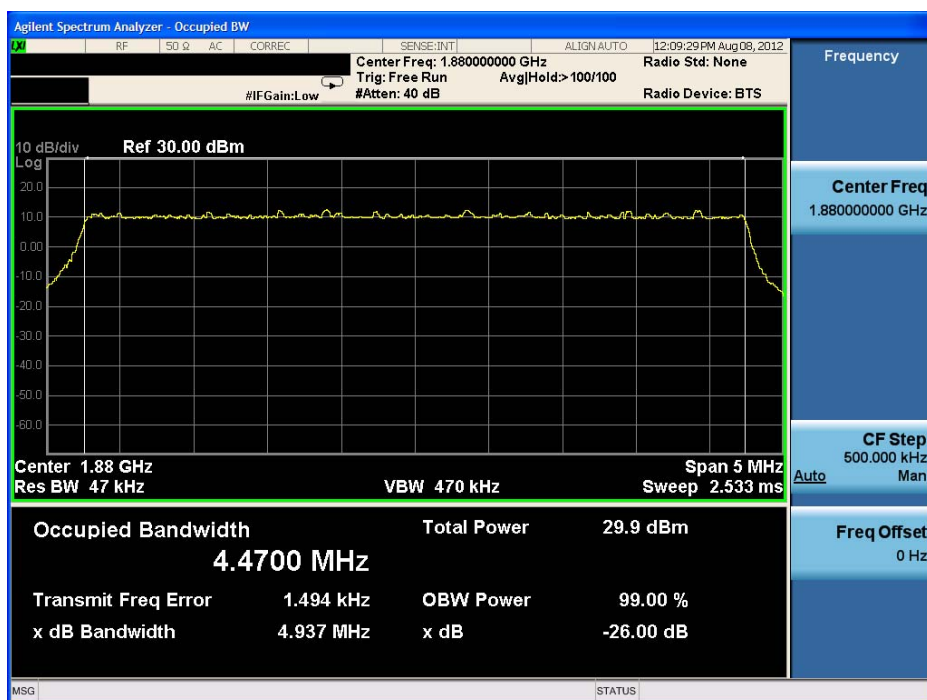


Plot 7-78. Lower Band Edge Plot (QPSK – RB Size 1, Offset 0)

FCC ID: A3LSGHI437	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1207311075.A3L	Test Dates: August 6-14, 2012	EUT Type: Portable Handset		Page 81 of 95



Plot 7-79. Occupied Bandwidth Plot (QPSK – RB Size 25)



Plot 7-80. Occupied Bandwidth Plot (16-QAM – RB Size 25)

FCC ID: A3LSGHI437	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1207311075.A3L	Test Dates: August 6-14, 2012	EUT Type: Portable Handset		Page 82 of 95

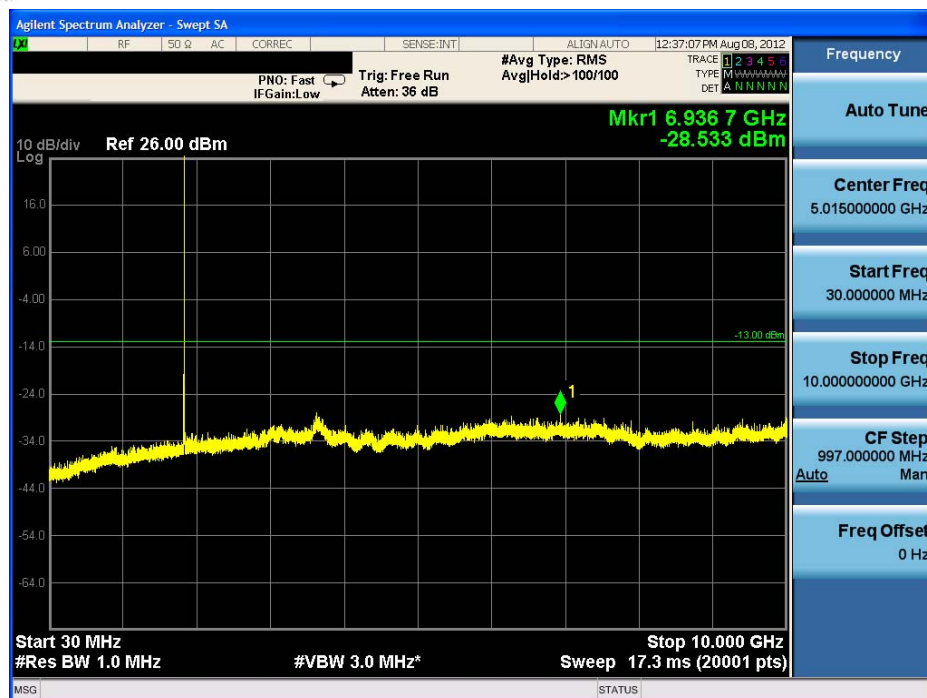


Plot 7-82. Peak to Average Ratio Plot (QPSK – RB Size 25)

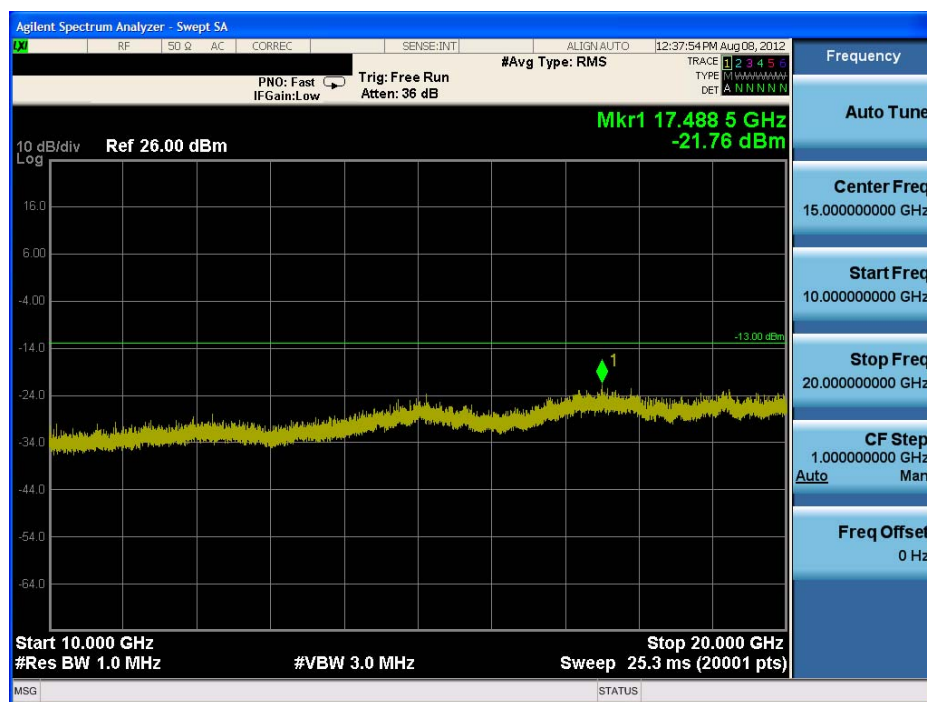


Plot 7-83. Peak to Average Ratio Plot (16QAM – RB Size 25)

FCC ID: A3LSGHI437			FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1207311075.A3L	Test Dates: August 6-14, 2012	EUT Type: Portable Handset			Page 83 of 95

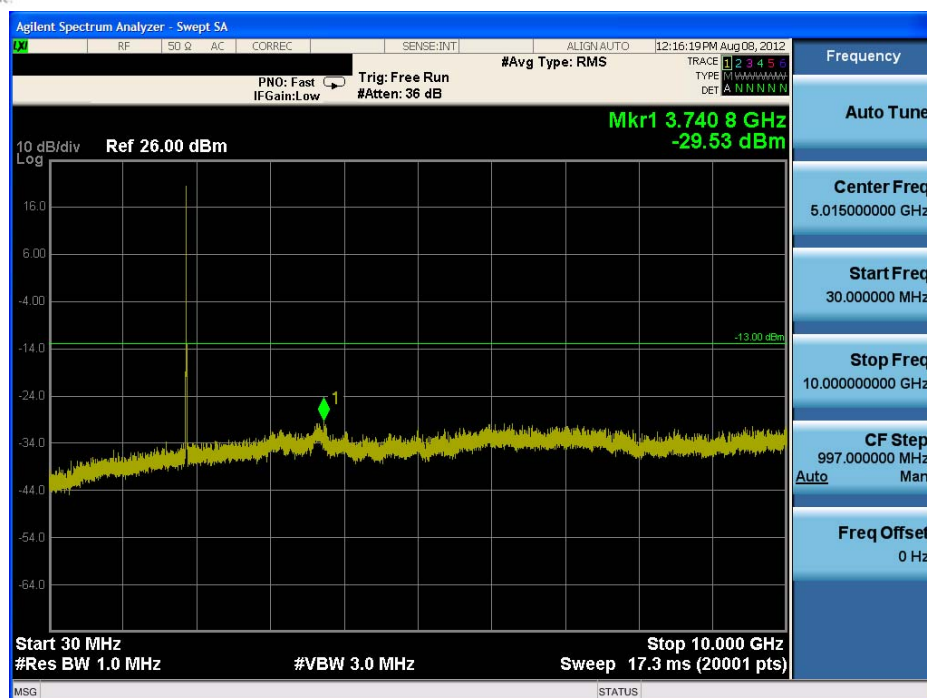


Plot 7-84. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 0 – Low Channel)

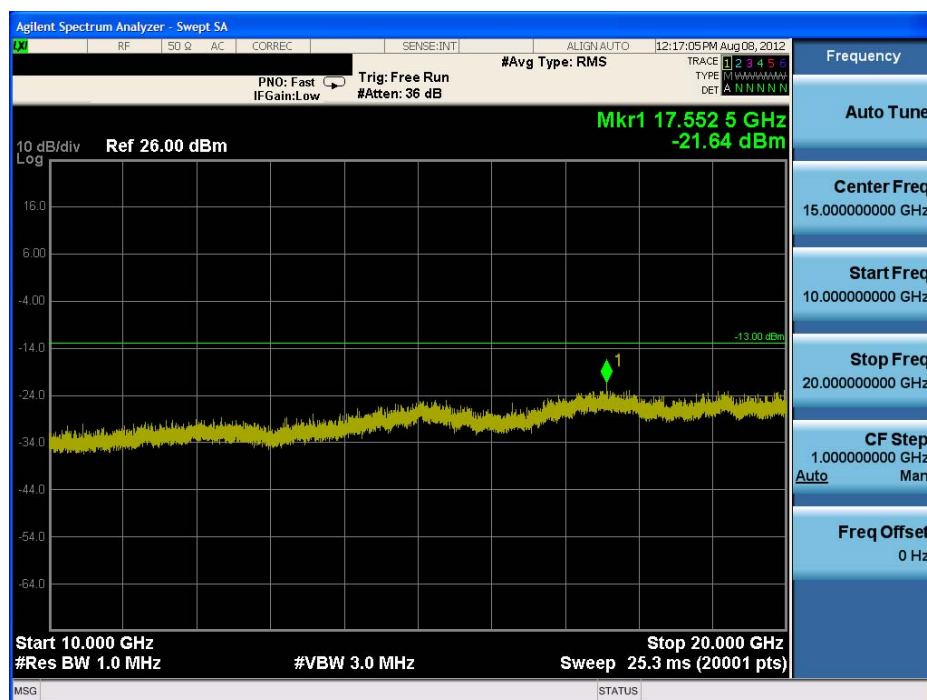


Plot 7-85. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 0 – Low Channel)

FCC ID: A3LSGHI437	 FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)			Reviewed by: Quality Manager
Test Report S/N: 0Y1207311075.A3L	Test Dates: August 6-14, 2012	EUT Type: Portable Handset		Page 84 of 95

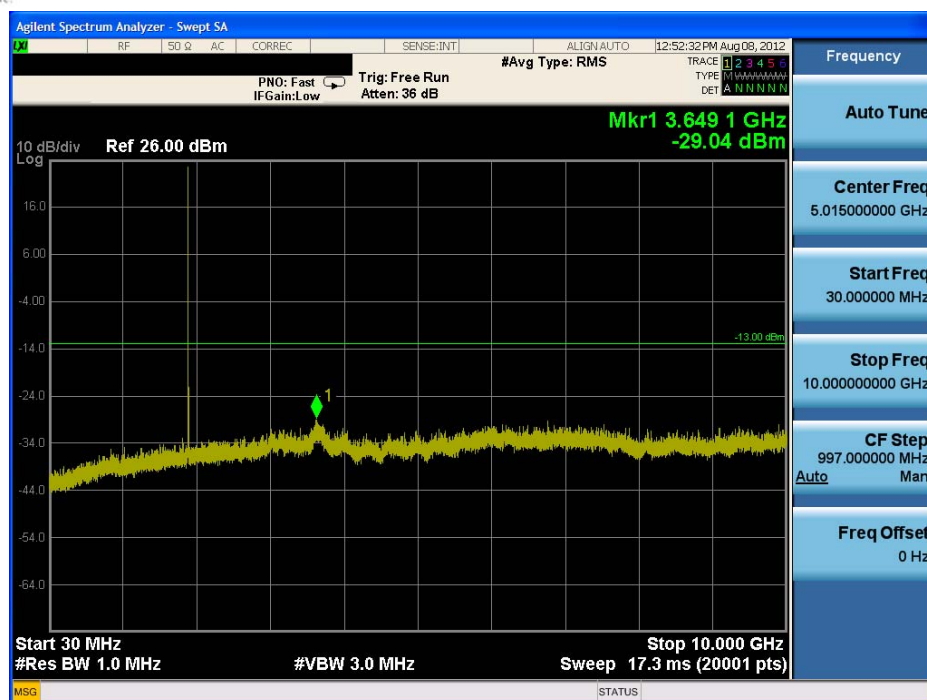


Plot 7-86. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 0 – Mid Channel)

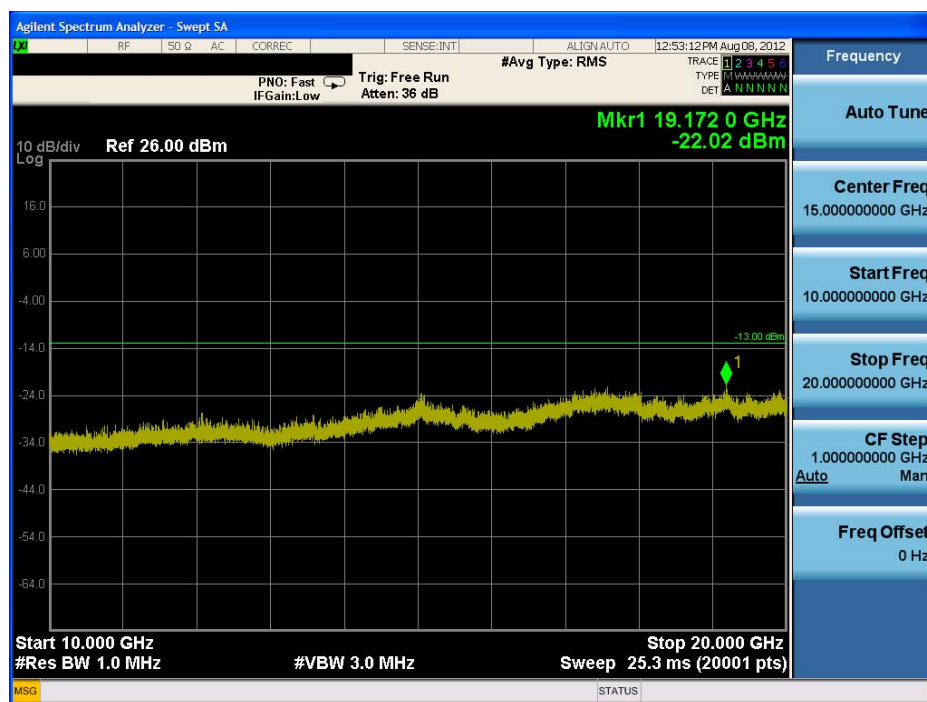


Plot 7-87. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 0 – Mid Channel)

FCC ID: A3LSGHI437			FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1207311075.A3L	Test Dates: August 6-14, 2012	EUT Type: Portable Handset			Page 85 of 95



Plot 7-88. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 0 – High Channel)



Plot 7-89. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 0 – High Channel)

FCC ID: A3LSGHI437	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1207311075.A3L	Test Dates: August 6-14, 2012	EUT Type: Portable Handset		Page 86 of 95



Plot 7-90. Upper Band Edge Plot (QPSK – RB Size 1, Offset 24)



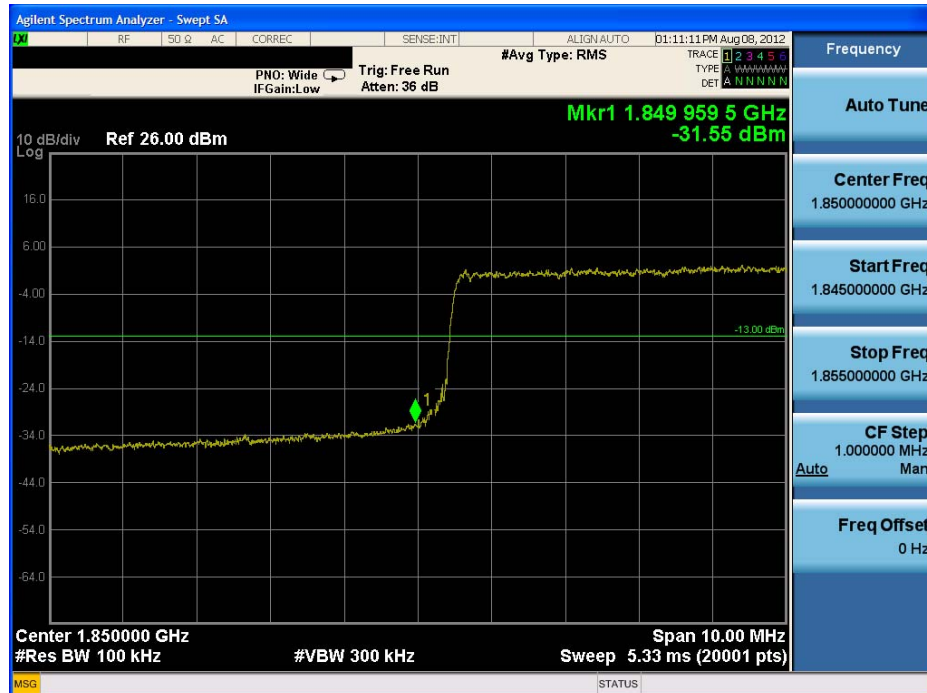
Plot 7-91. Upper Band Edge Plot (QPSK – RB Size 25)

FCC ID: A3LSGHI437	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1207311075.A3L	Test Dates: August 6-14, 2012	EUT Type: Portable Handset		Page 87 of 95

BAND 2 – 10 MHz BW

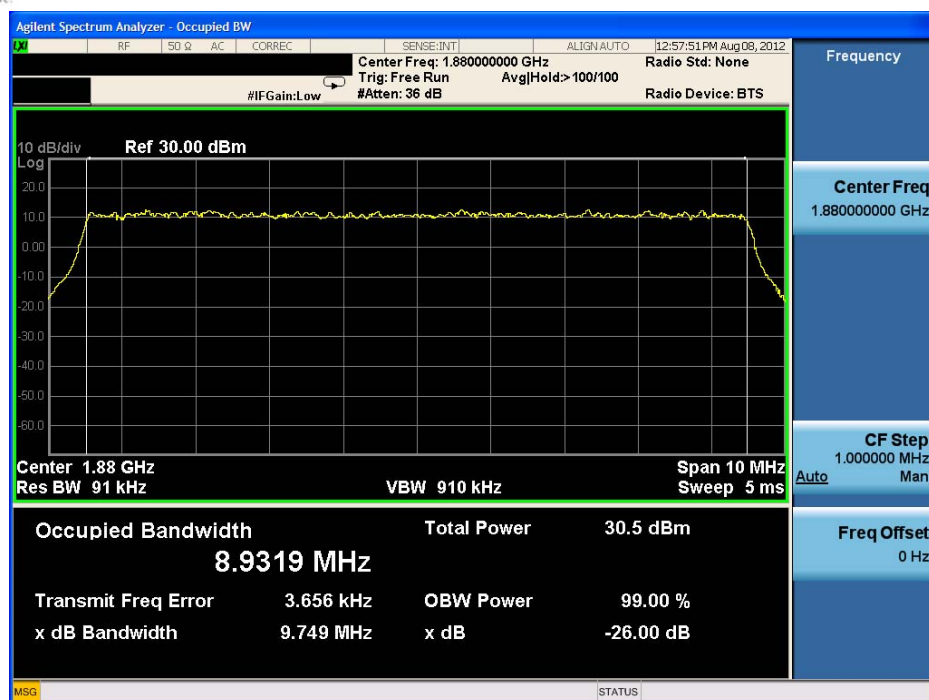


Plot 7-92. Lower Band Edge Plot (QPSK – RB Size 50)

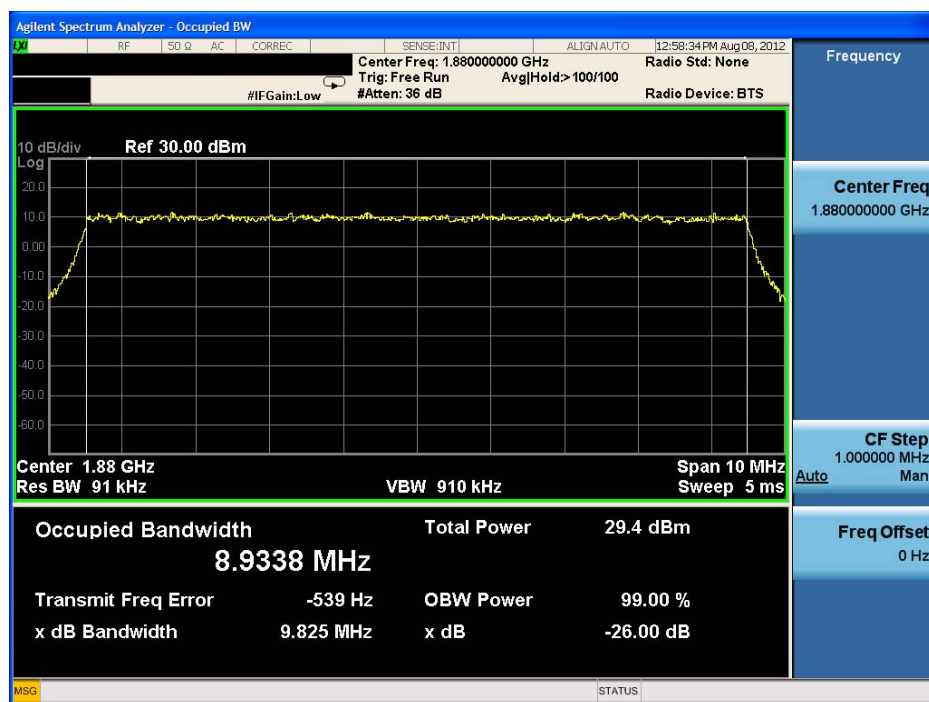


Plot 7-93. Lower Band Edge Plot (QPSK – RB Size 50)

FCC ID: A3LSGHI437	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1207311075.A3L	Test Dates: August 6-14, 2012	EUT Type: Portable Handset		Page 88 of 95



Plot 7-94. Occupied Bandwidth Plot (QPSK – RB Size 50)



Plot 7-95. Occupied Bandwidth Plot (16-QAM – RB Size 50)

FCC ID: A3LSGHI437	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1207311075.A3L	Test Dates: August 6-14, 2012	EUT Type: Portable Handset		Page 89 of 95

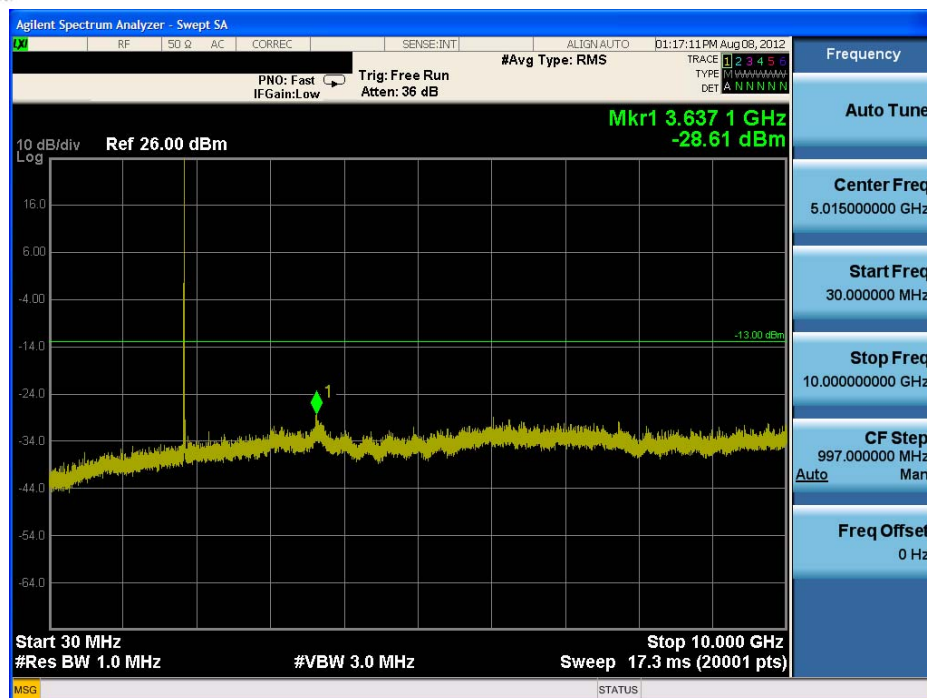


Plot 7-96. Peak to Average Ratio Plot (QPSK – RB Size 50)

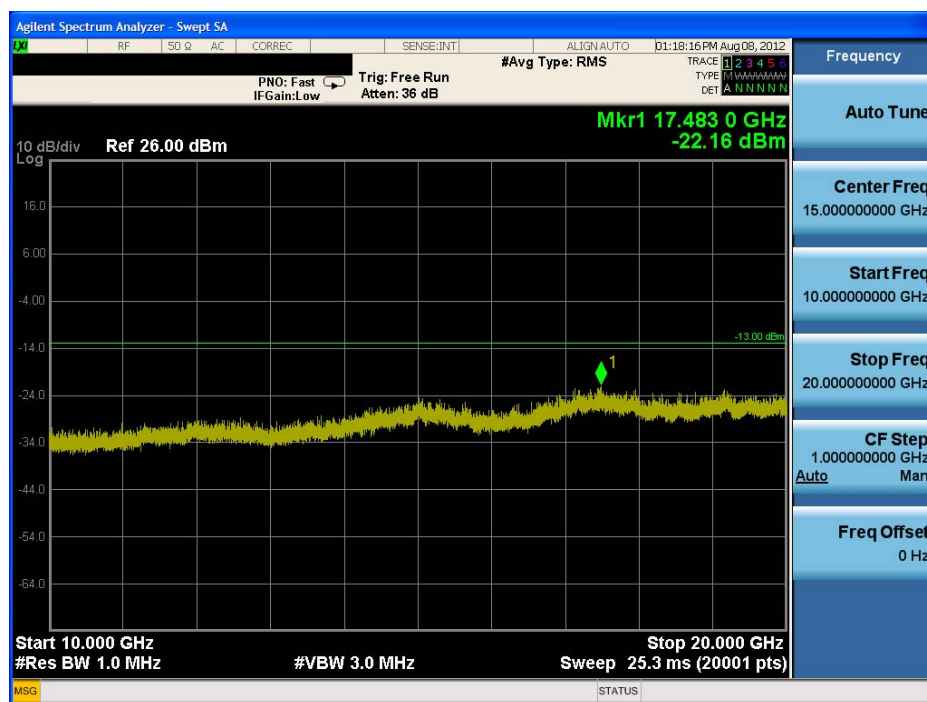


Plot 7-97. Peak to Average Ratio Plot (16QAM – RB Size 50)

FCC ID: A3LSGHI437	FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)			Reviewed by: Quality Manager
Test Report S/N: 0Y1207311075.A3L	Test Dates: August 6-14, 2012	EUT Type: Portable Handset	Page 90 of 95	

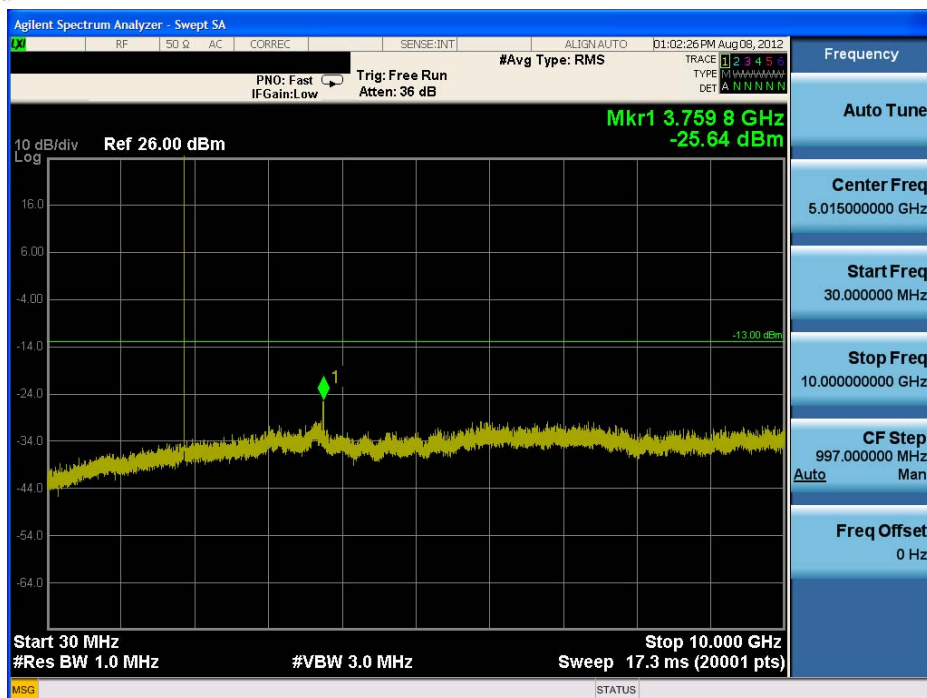


Plot 7-98. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 0 – Low Channel)

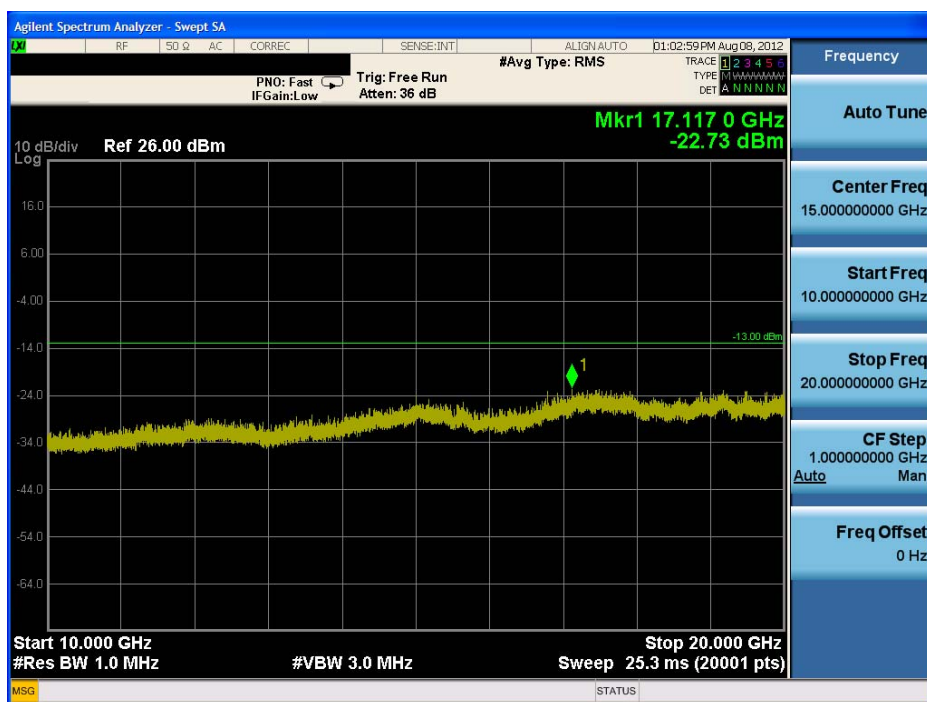


Plot 7-99. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 0 – Low Channel)

FCC ID: A3LSGHI437	 FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION) 		Reviewed by: Quality Manager
Test Report S/N: 0Y1207311075.A3L	Test Dates: August 6-14, 2012	EUT Type: Portable Handset	Page 91 of 95

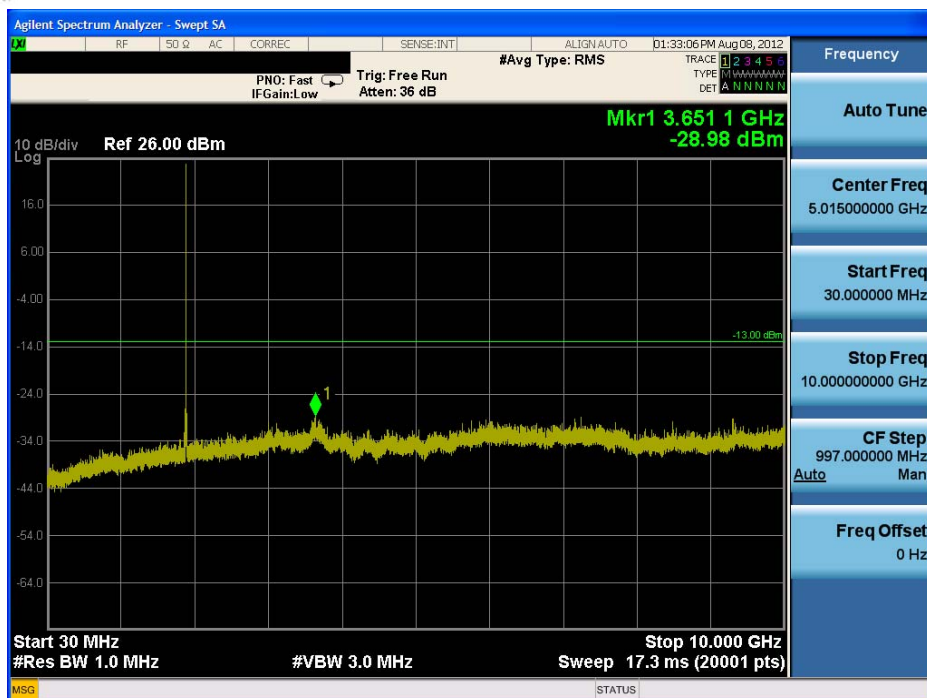


Plot 7-100. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 0 – Mid Channel)

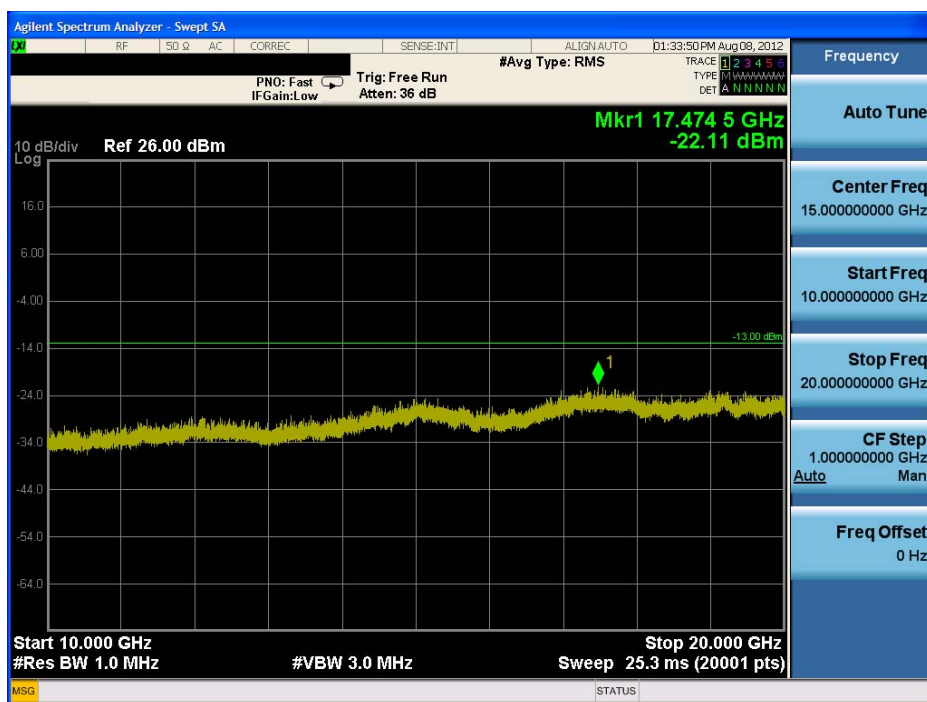


Plot 7-101. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 0 – Mid Channel)

FCC ID: A3LSGHI437	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1207311075.A3L	Test Dates: August 6-14, 2012	EUT Type: Portable Handset		Page 92 of 95



Plot 7-102. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 0 – High Channel)



Plot 7-103. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 0 – High Channel)

FCC ID: A3LSGHI437	 FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION) 		Reviewed by: Quality Manager
Test Report S/N: 0Y1207311075.A3L	Test Dates: August 6-14, 2012	EUT Type: Portable Handset	Page 93 of 95



Plot 7-104. Upper Band Edge Plot (QPSK – RB Size 50)



Plot 7-105. Upper Band Edge Plot (QPSK – RB Size 50)

FCC ID: A3LSGHI437	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Reviewed by: Quality Manager
Test Report S/N: 0Y1207311075.A3L	Test Dates: August 6-14, 2012	EUT Type: Portable Handset		Page 94 of 95

8.0 CONCLUSION

The data collected relate only to the item(s) tested and show that the **Samsung Portable Handset FCC ID: A3LSGHI437** complies with all the requirements of Parts 2, 22, 24 and 27 of the FCC rules for LTE operation only.

FCC ID: A3LSGHI437		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1207311075.A3L	Test Dates: August 6-14, 2012	EUT Type: Portable Handset		Page 95 of 95