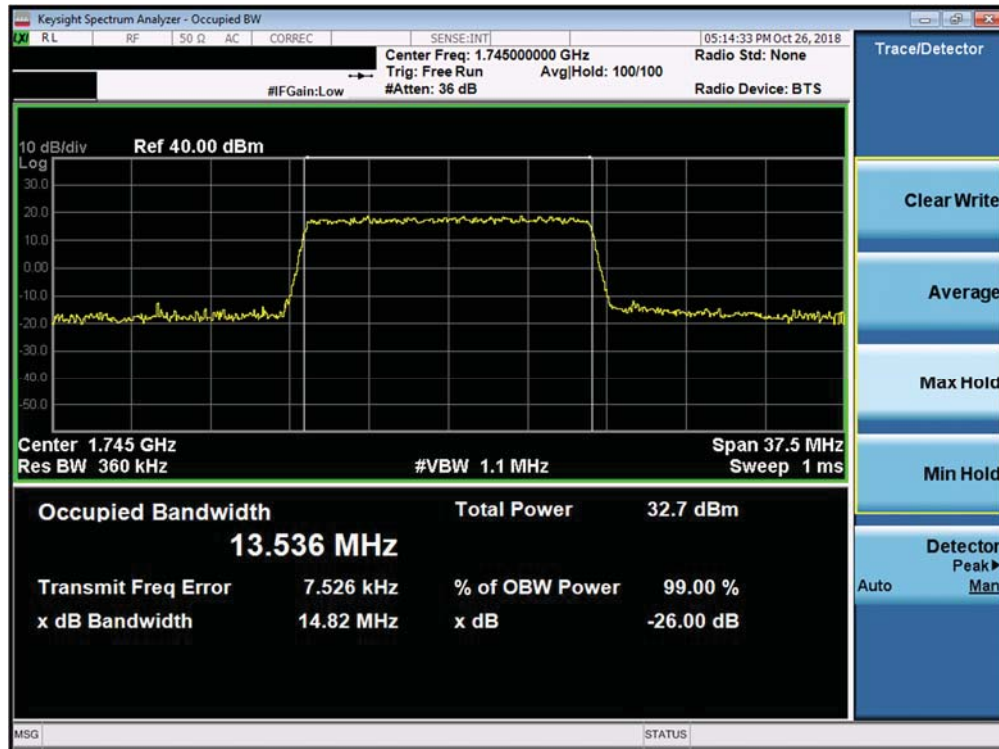
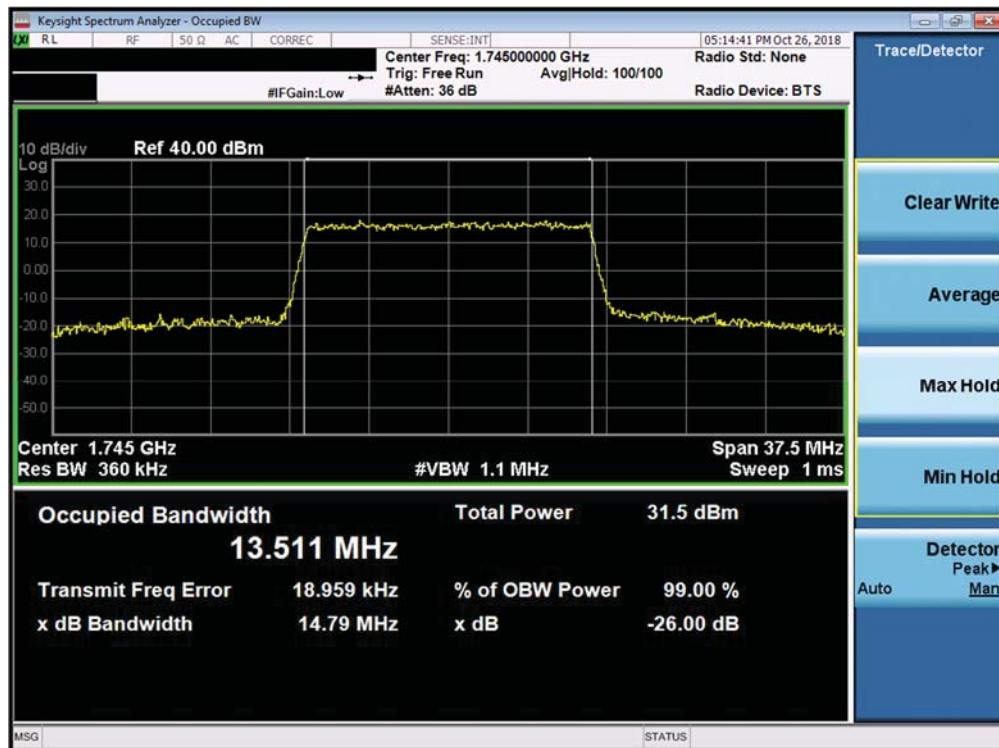


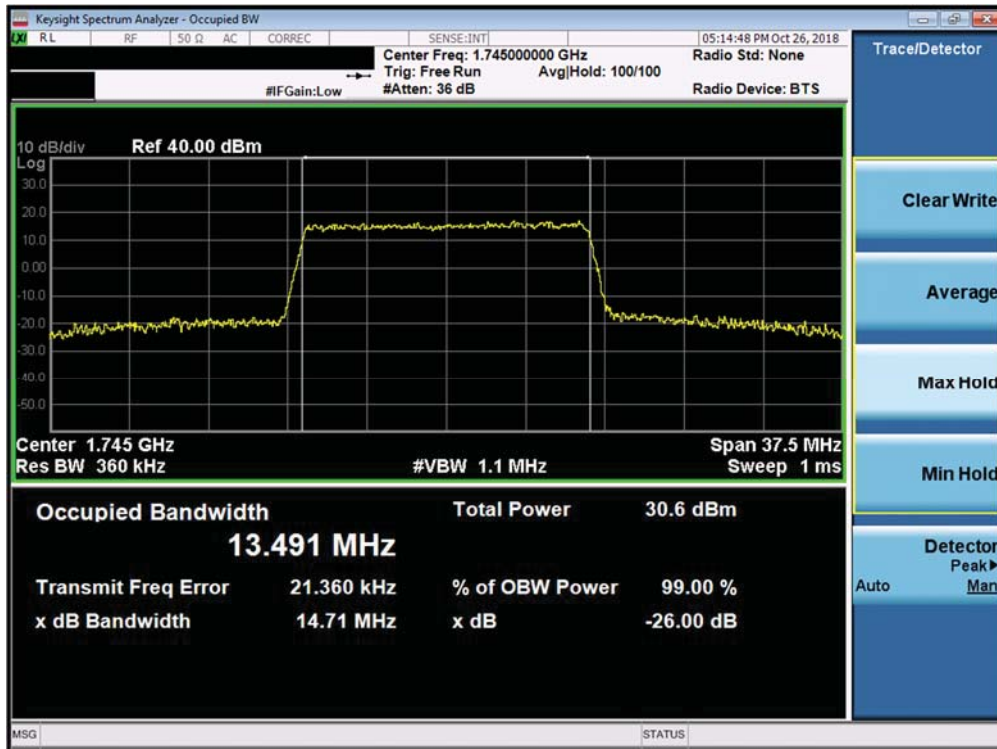


Plot 7-77. Occupied Bandwidth Plot (Band 66/4 - 15.0MHz QPSK - Full RB Configuration)

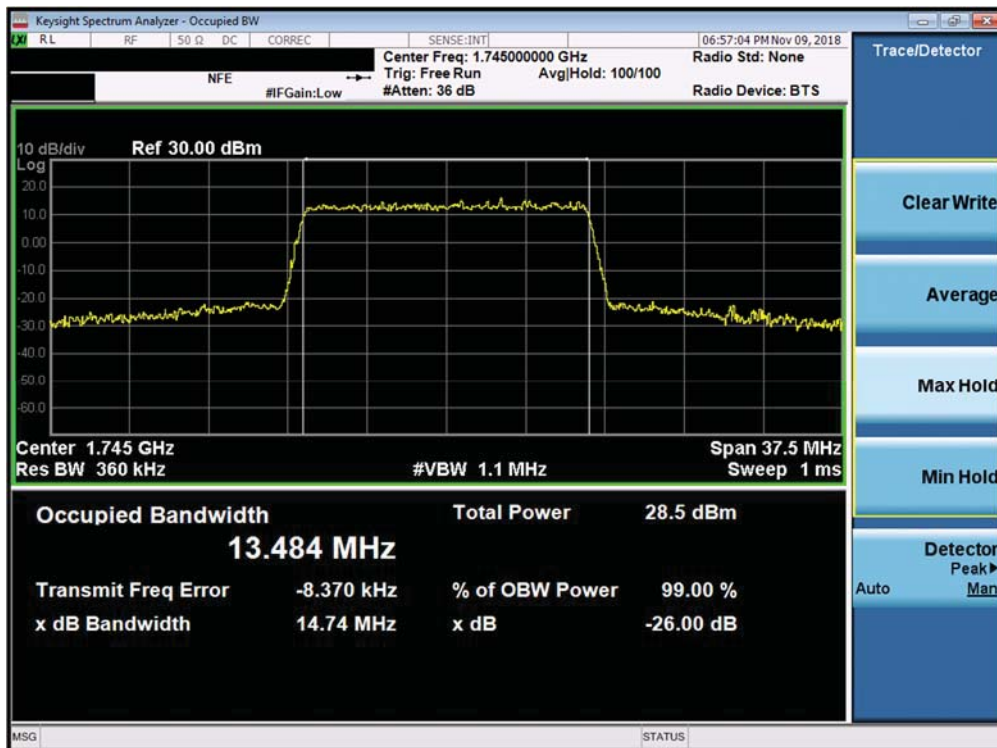


Plot 7-78. Occupied Bandwidth Plot (Band 66/4 - 15.0MHz 16-QAM - Full RB Configuration)

FCC ID: A3LSMG970U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1810250193-03.A3L	Test Dates: 10/23/2018 - 1/18/2019	EUT Type: Portable Handset		Page 56 of 391

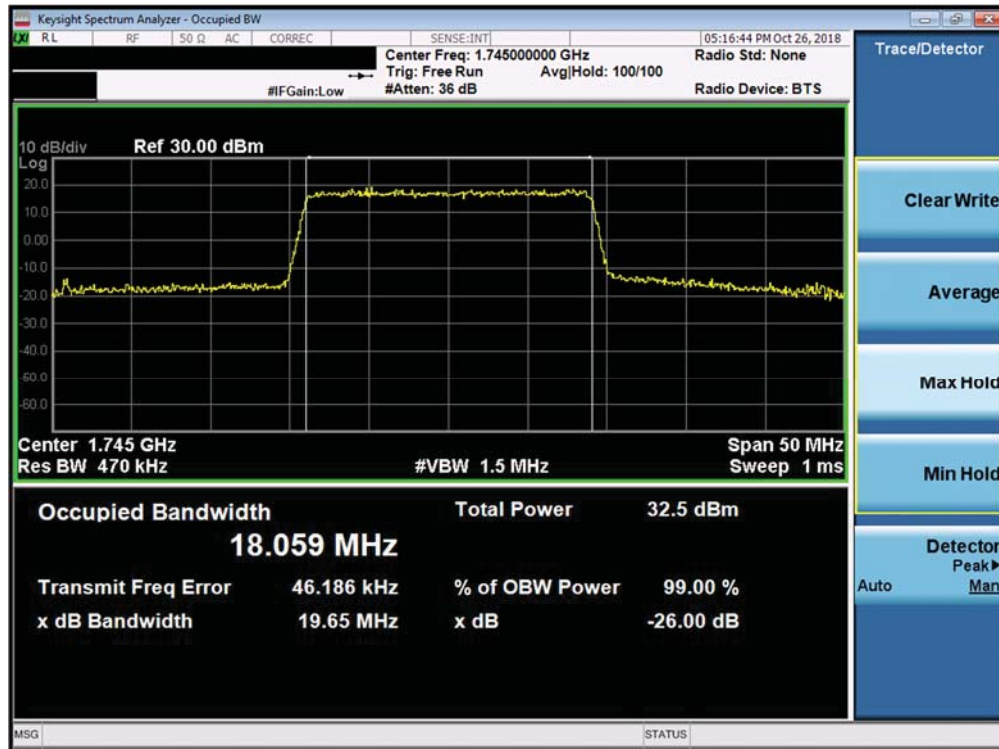


Plot 7-79. Occupied Bandwidth Plot (Band 66/4 - 15.0MHz 64-QAM - Full RB Configuration)

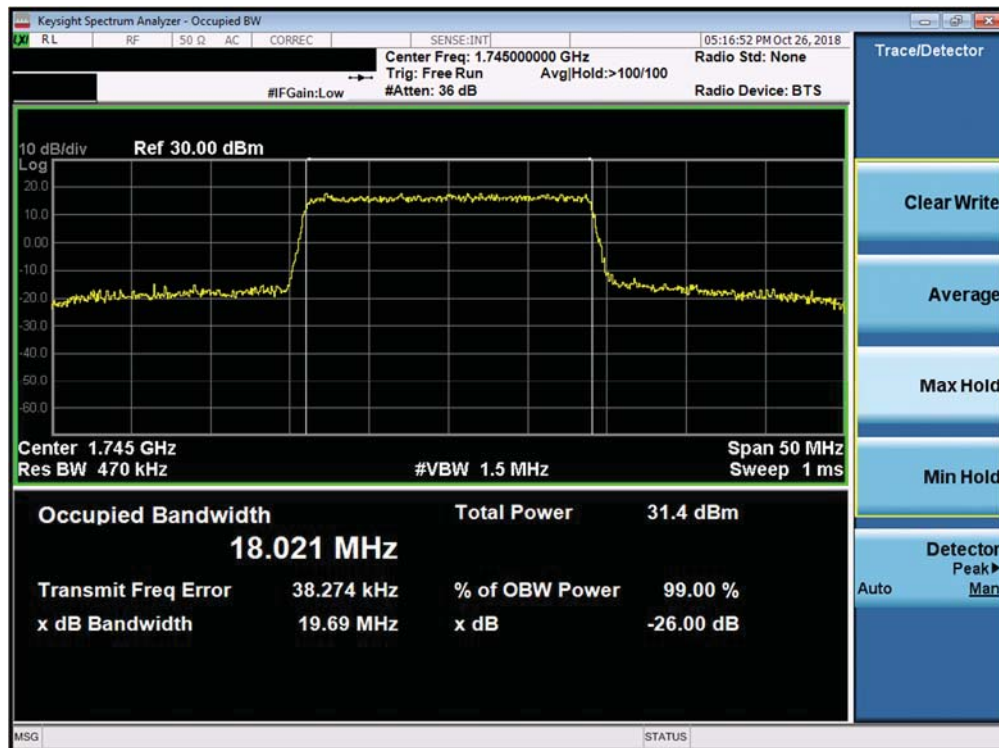


Plot 7-80. Occupied Bandwidth Plot (Band 66/4 - 15.0MHz 256-QAM - Full RB Configuration)

FCC ID: A3LSMG970U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1810250193-03.A3L	Test Dates: 10/23/2018 - 1/18/2019	EUT Type: Portable Handset		Page 57 of 391

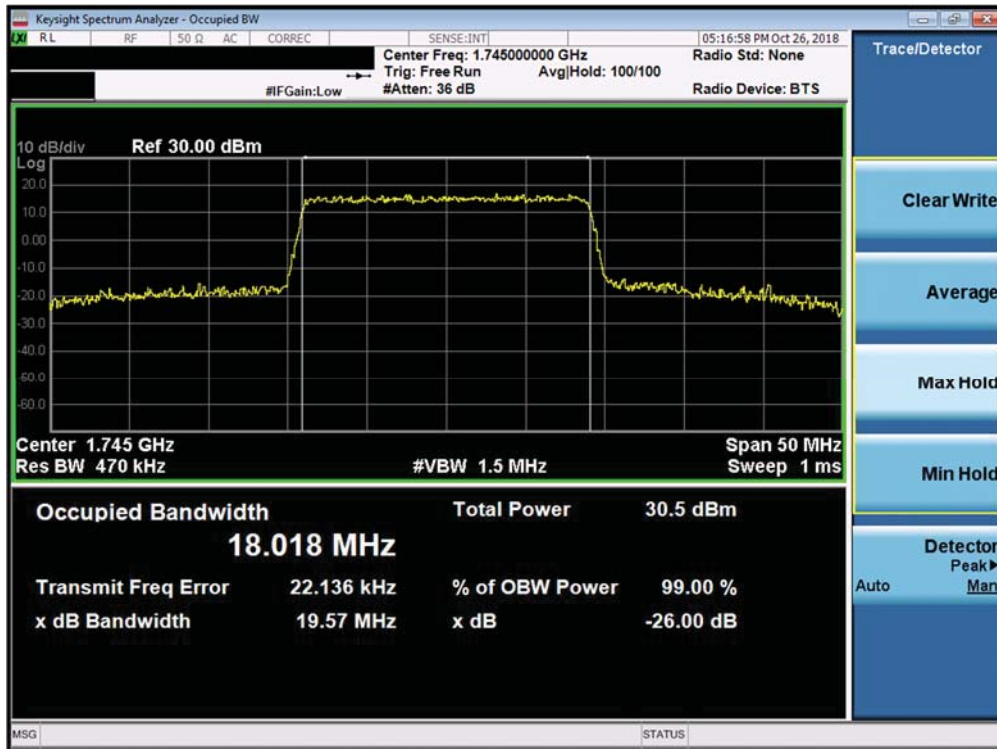


Plot 7-81. Occupied Bandwidth Plot (Band 66/4 - 20.0MHz QPSK - Full RB Configuration)

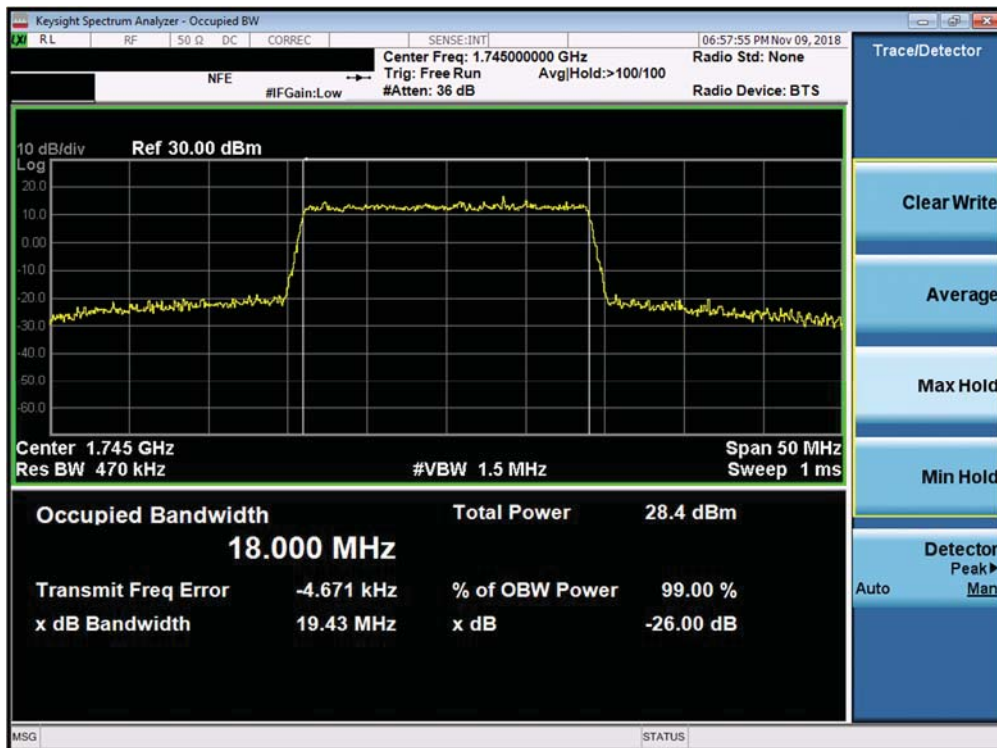


Plot 7-82. Occupied Bandwidth Plot (Band 66/4 - 20.0MHz 16-QAM - Full RB Configuration)

FCC ID: A3LSMG970U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1810250193-03.A3L	Test Dates: 10/23/2018 - 1/18/2019	EUT Type: Portable Handset		Page 58 of 391



Plot 7-83. Occupied Bandwidth Plot (Band 66/4 - 20.0MHz 64-QAM - Full RB Configuration)



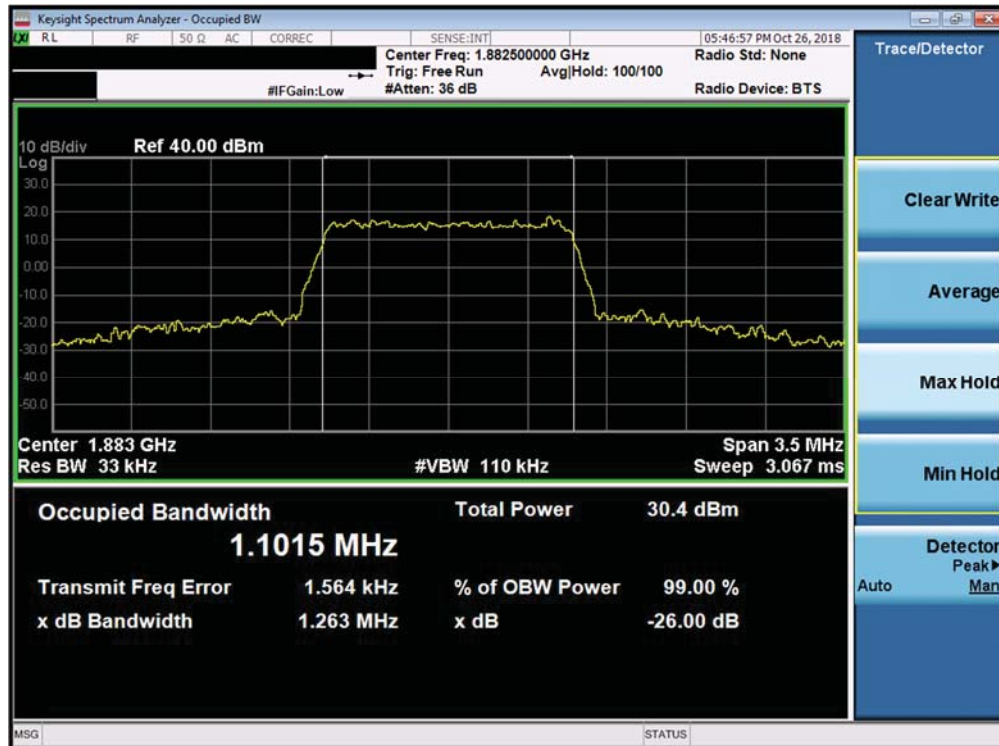
Plot 7-84. Occupied Bandwidth Plot (Band 66/4 - 20.0MHz 256-QAM - Full RB Configuration)

FCC ID: A3LSMG970U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1810250193-03.A3L	Test Dates: 10/23/2018 - 1/18/2019	EUT Type: Portable Handset		Page 59 of 391

Band 25/2

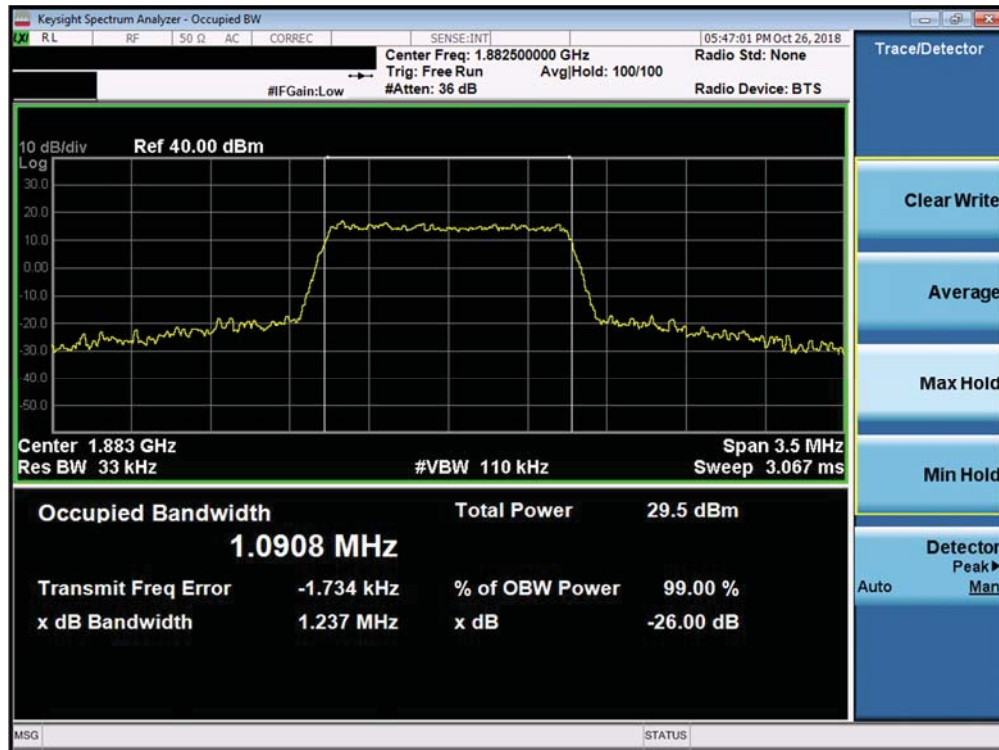


Plot 7-85. Occupied Bandwidth Plot (Band 25/2 - 1.4MHz QPSK - Full RB Configuration)

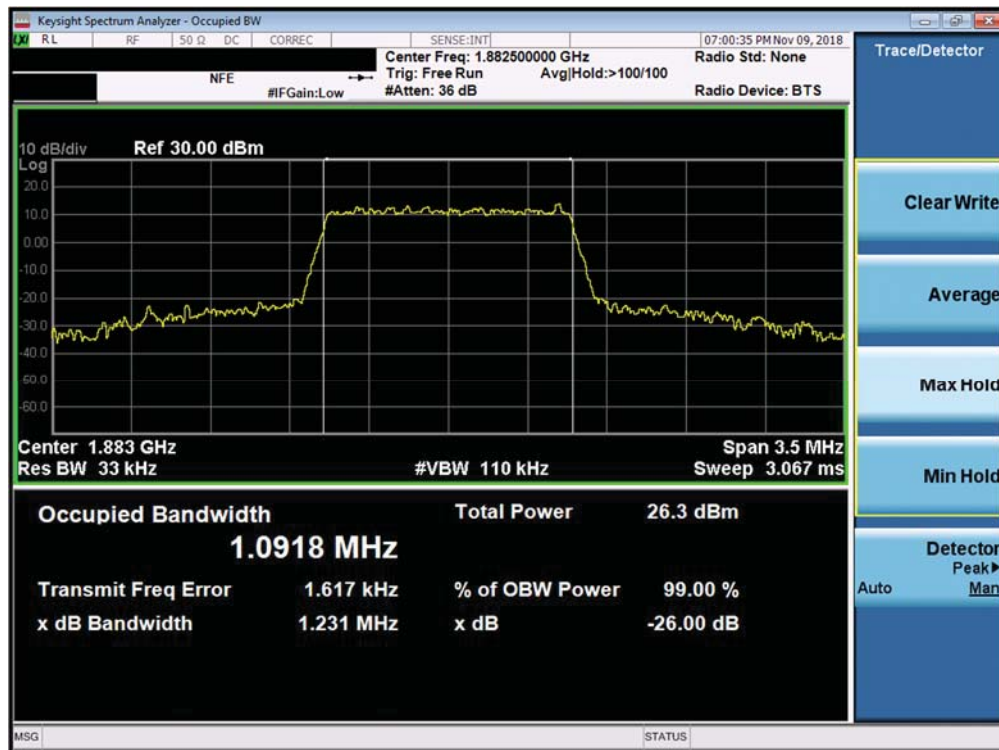


Plot 7-86. Occupied Bandwidth Plot (Band 25/2 - 1.4MHz 16-QAM - Full RB Configuration)

FCC ID: A3LSMG970U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1810250193-03.A3L	Test Dates: 10/23/2018 - 1/18/2019	EUT Type: Portable Handset		Page 60 of 391

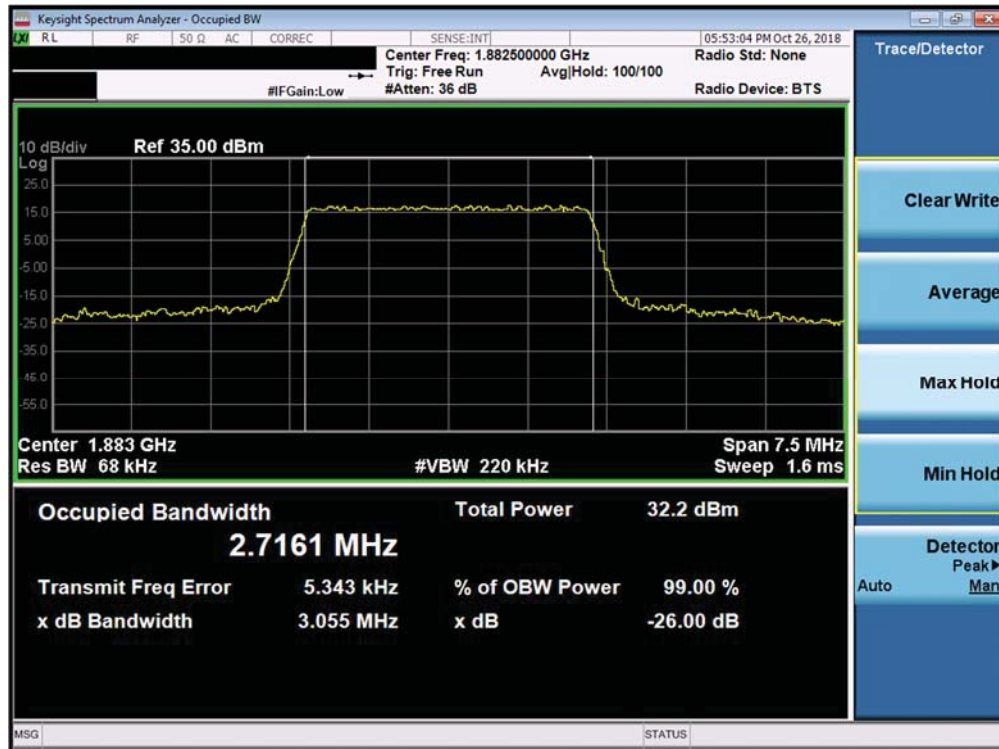


Plot 7-87. Occupied Bandwidth Plot (Band 25/2 - 1.4MHz 64-QAM - Full RB Configuration)

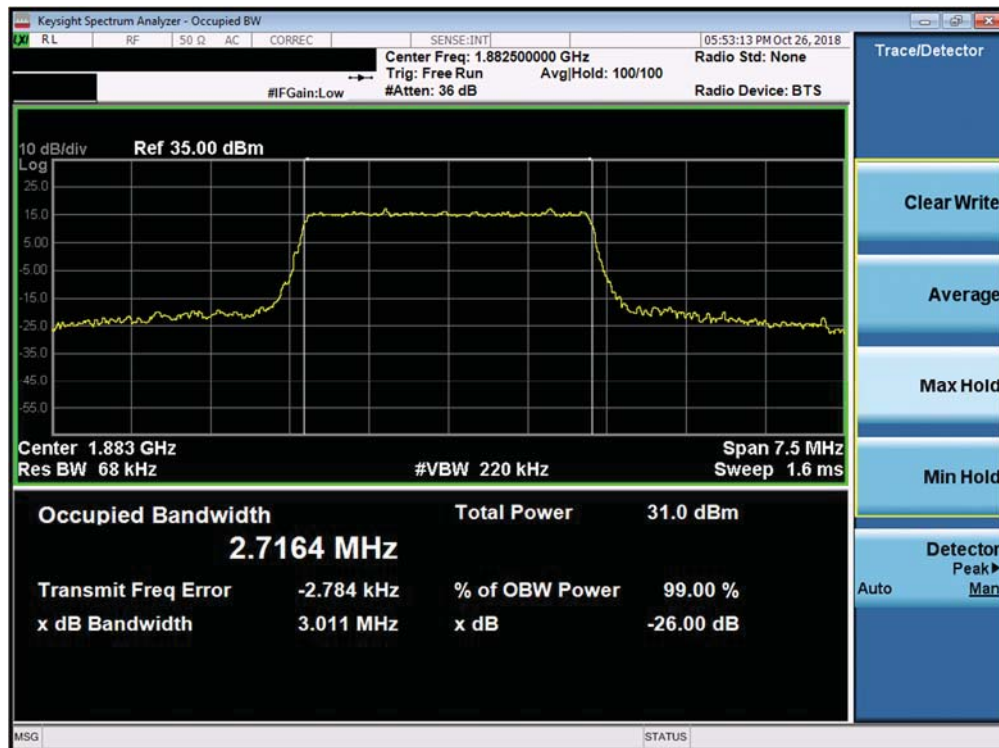


Plot 7-88. Occupied Bandwidth Plot (Band 25/2 - 1.4MHz 256-QAM - Full RB Configuration)

FCC ID: A3LSMG970U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1810250193-03.A3L	Test Dates: 10/23/2018 - 1/18/2019	EUT Type: Portable Handset		Page 61 of 391

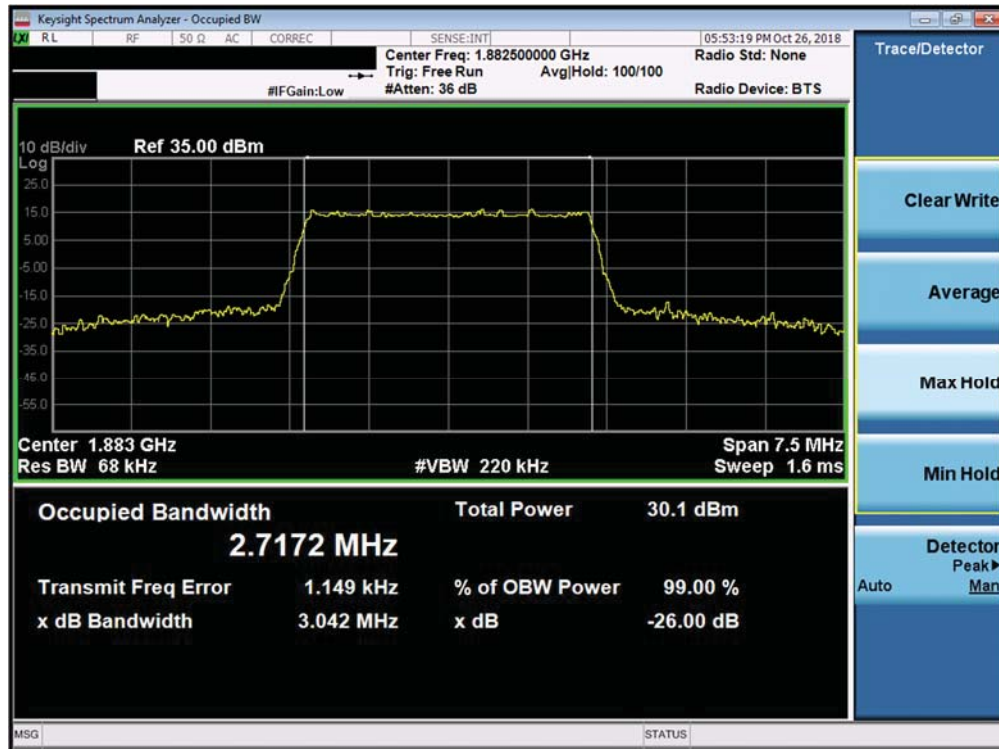


Plot 7-89. Occupied Bandwidth Plot (Band 25/2 - 3.0MHz QPSK - Full RB Configuration)

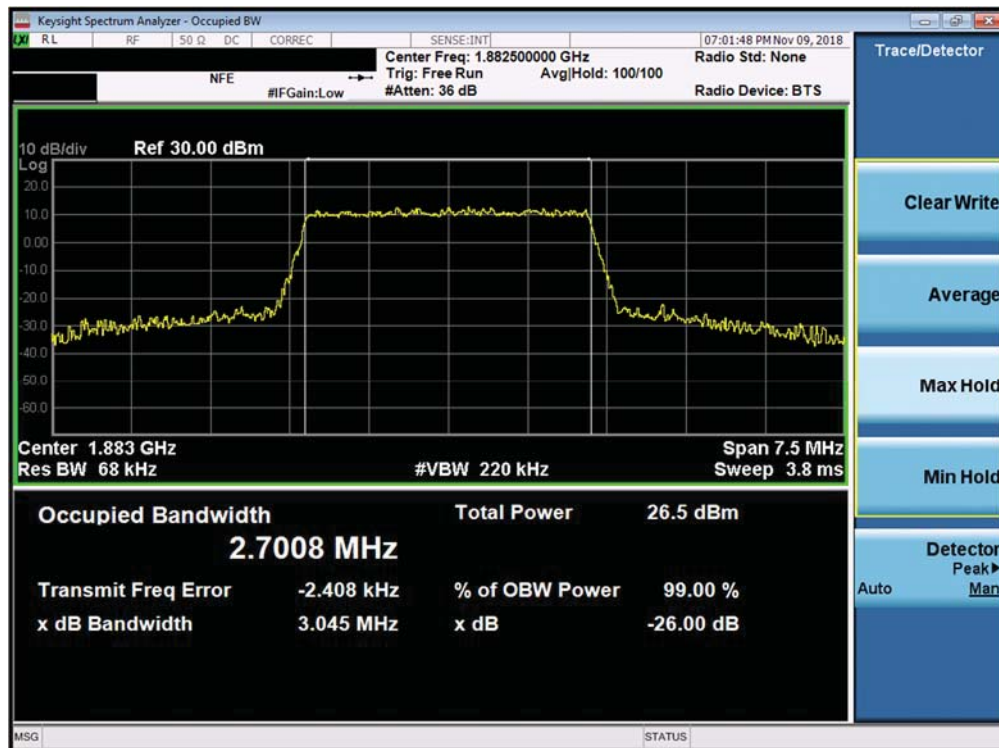


Plot 7-90. Occupied Bandwidth Plot (Band 25/2 - 3.0MHz 16-QAM - Full RB Configuration)

FCC ID: A3LSMG970U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1810250193-03.A3L	Test Dates: 10/23/2018 - 1/18/2019	EUT Type: Portable Handset		Page 62 of 391

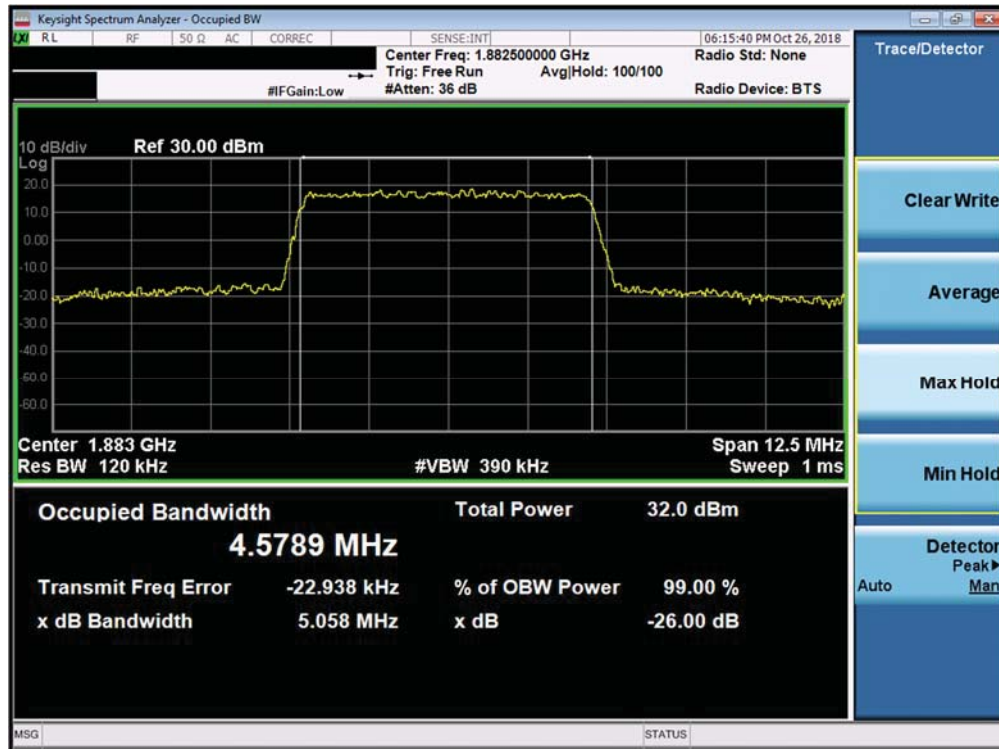


Plot 7-91. Occupied Bandwidth Plot (Band 25/2 - 3.0MHz 64-QAM - Full RB Configuration)

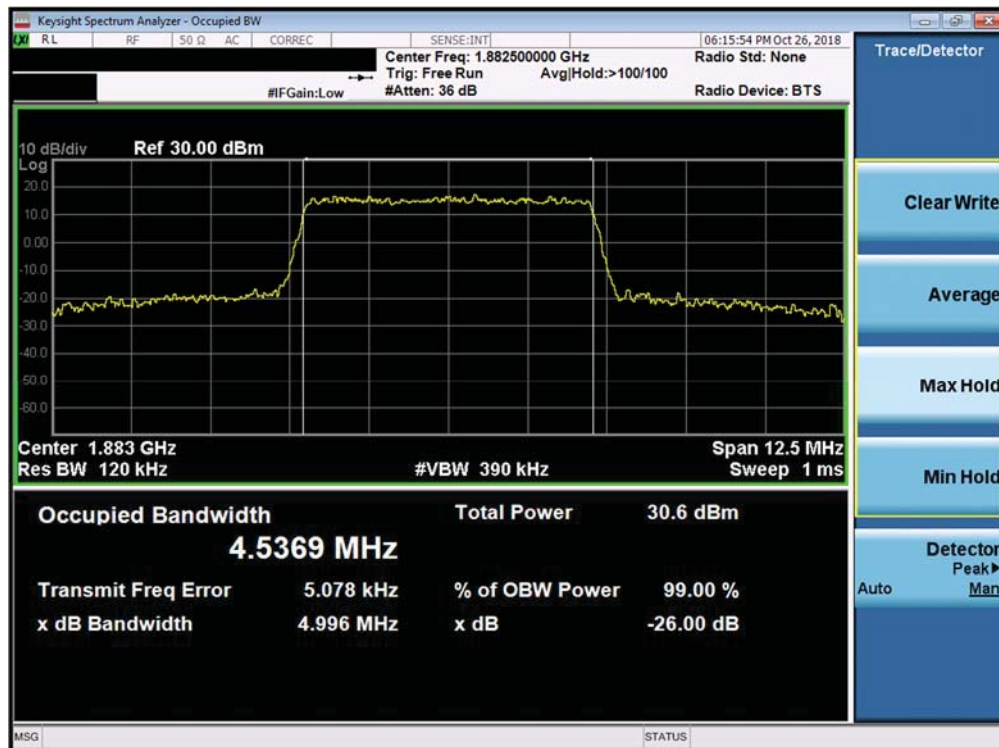


Plot 7-92. Occupied Bandwidth Plot (Band 25/2 - 3.0MHz 256-QAM - Full RB Configuration)

FCC ID: A3LSMG970U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1810250193-03.A3L	Test Dates: 10/23/2018 - 1/18/2019	EUT Type: Portable Handset		Page 63 of 391

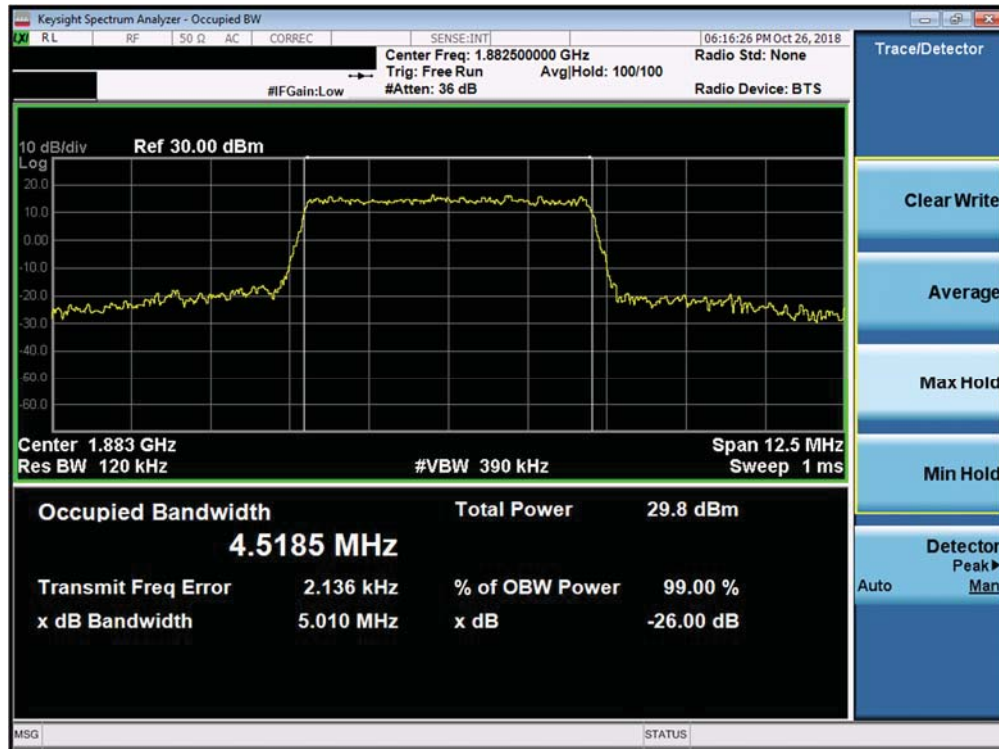


Plot 7-93. Occupied Bandwidth Plot (Band 25/2 - 5.0MHz QPSK - Full RB Configuration)

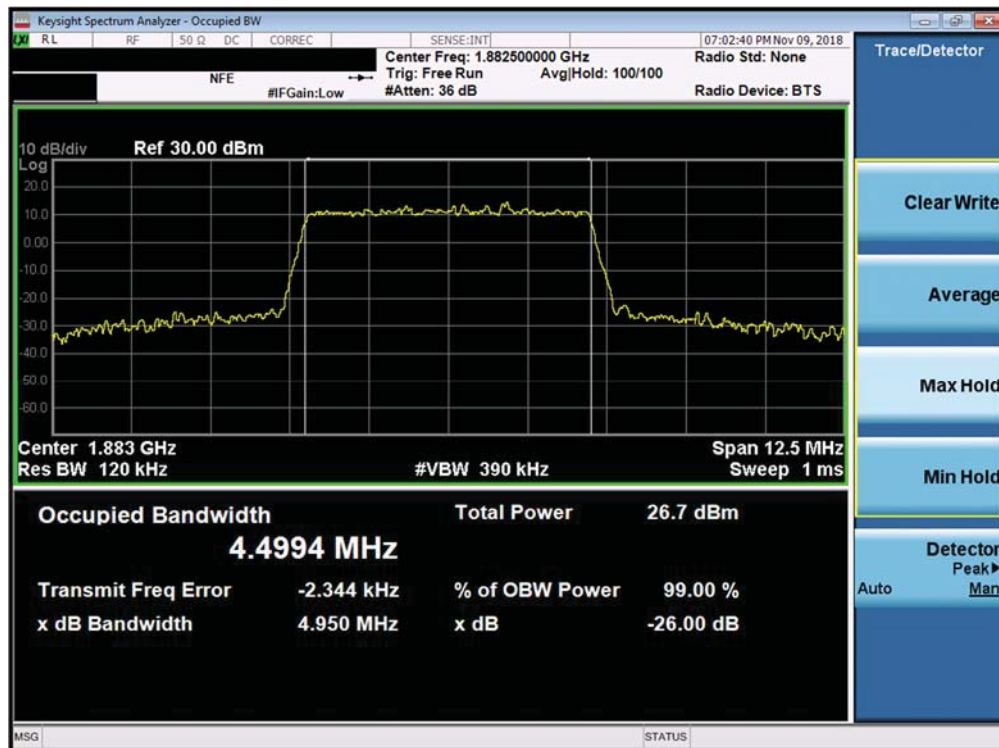


Plot 7-94. Occupied Bandwidth Plot (Band 25/2 - 5.0MHz 16-QAM - Full RB Configuration)

FCC ID: A3LSMG970U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1810250193-03.A3L	Test Dates: 10/23/2018 - 1/18/2019	EUT Type: Portable Handset		Page 64 of 391

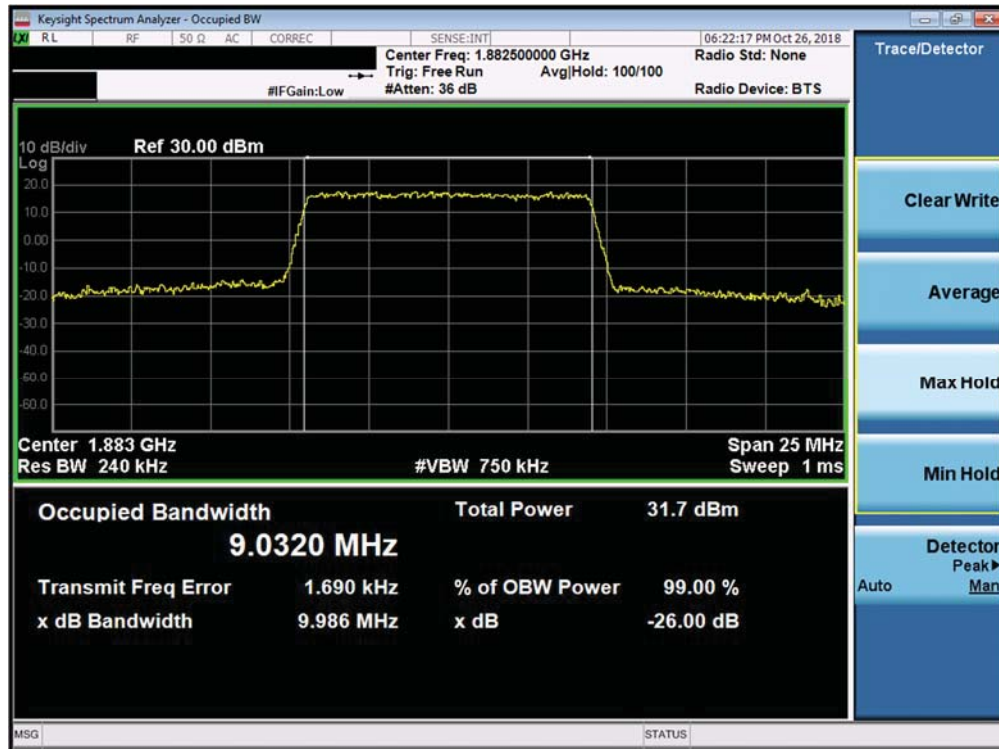


Plot 7-95. Occupied Bandwidth Plot (Band 25/2 - 5.0MHz 64-QAM - Full RB Configuration)



Plot 7-96. Occupied Bandwidth Plot (Band 25/2 - 5.0MHz 256-QAM - Full RB Configuration)

FCC ID: A3LSMG970U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1810250193-03.A3L	Test Dates: 10/23/2018 - 1/18/2019	EUT Type: Portable Handset		Page 65 of 391

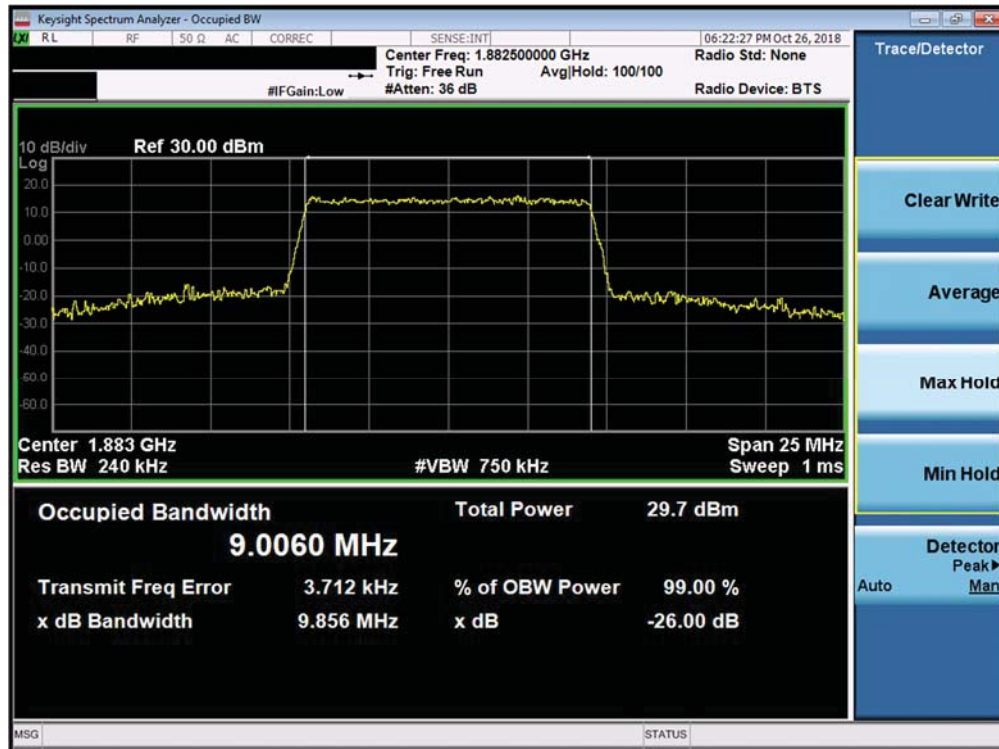


Plot 7-97. Occupied Bandwidth Plot (Band 25/2 - 10.0MHz QPSK - Full RB Configuration)

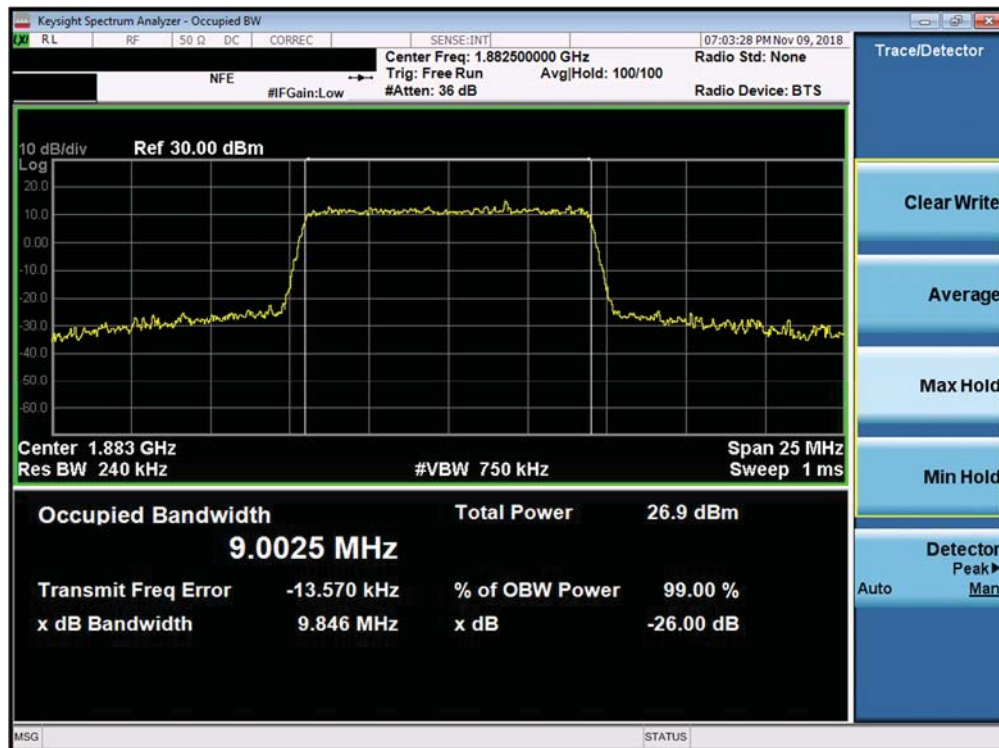


Plot 7-98. Occupied Bandwidth Plot (Band 25/2 - 10.0MHz 16-QAM - Full RB Configuration)

FCC ID: A3LSMG970U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1810250193-03.A3L	Test Dates: 10/23/2018 - 1/18/2019	EUT Type: Portable Handset		Page 66 of 391

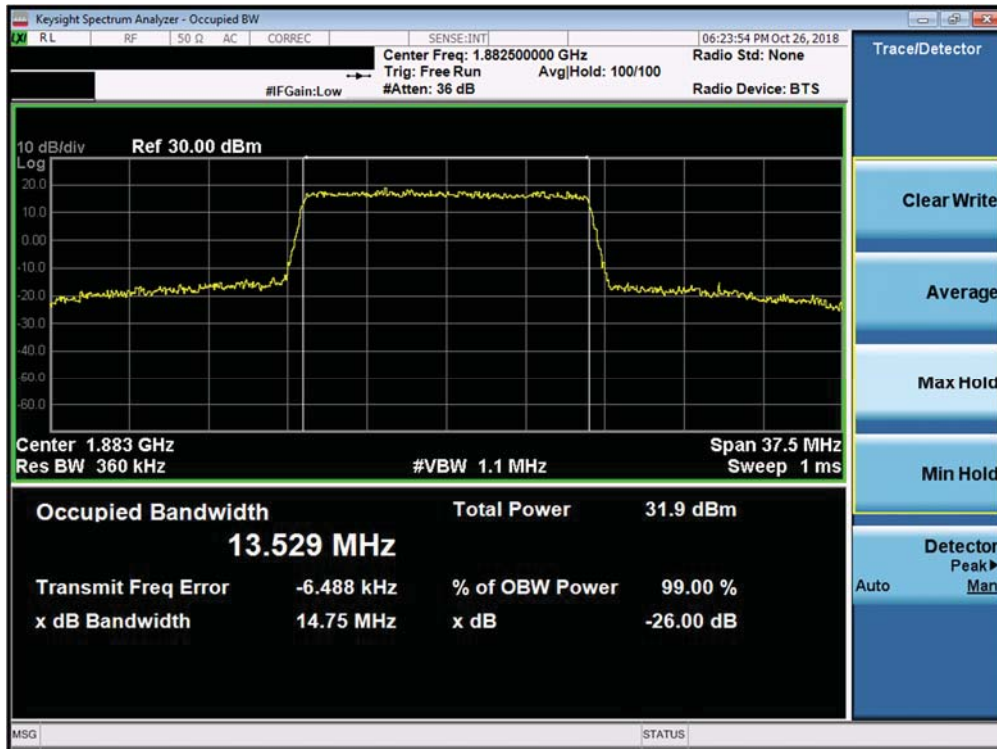


Plot 7-99. Occupied Bandwidth Plot (Band 25/2 - 10.0MHz 64-QAM - Full RB Configuration)

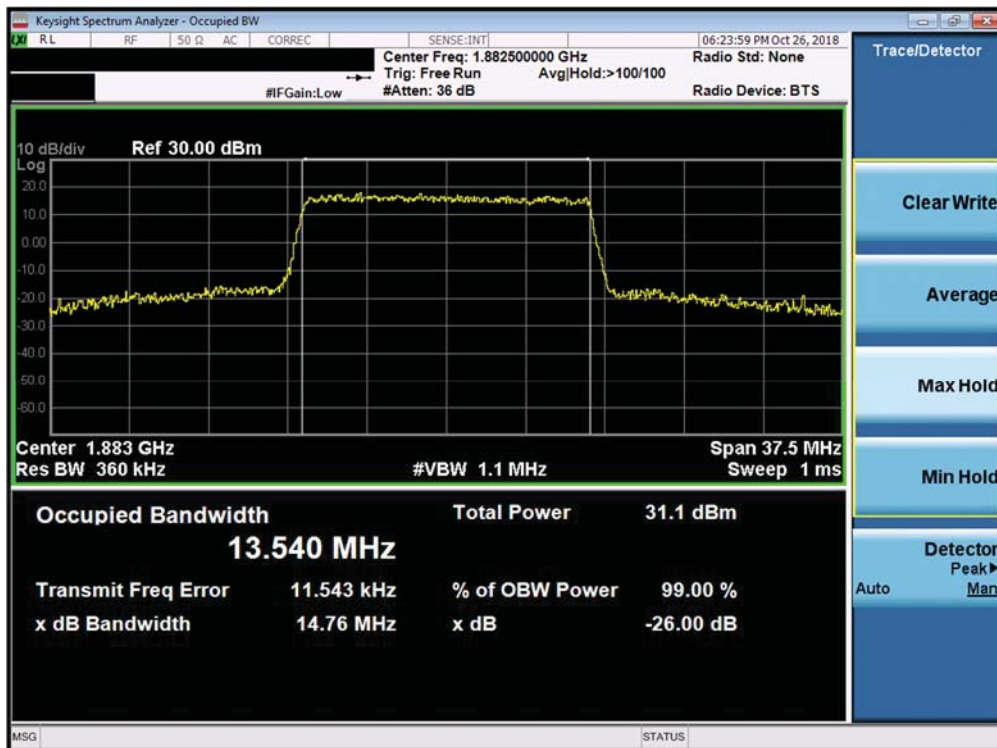


Plot 7-100. Occupied Bandwidth Plot (Band 25/2 - 10.0MHz 256-QAM - Full RB Configuration)

FCC ID: A3LSMG970U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1810250193-03.A3L	Test Dates: 10/23/2018 - 1/18/2019	EUT Type: Portable Handset		Page 67 of 391

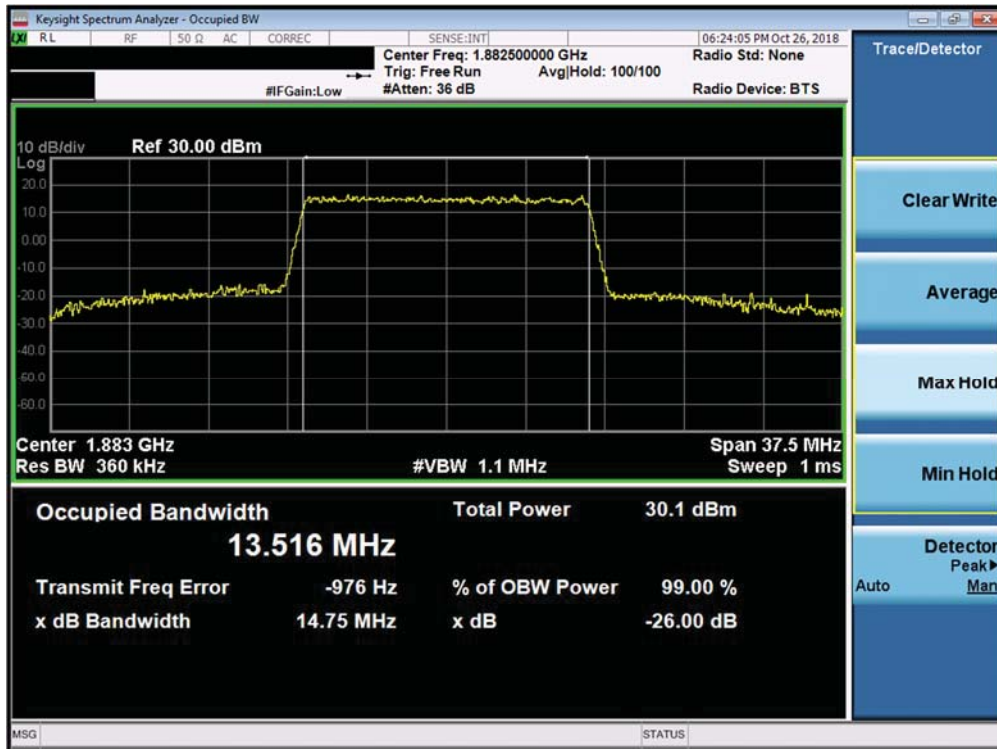


Plot 7-101. Occupied Bandwidth Plot (Band 25/2 - 15.0MHz QPSK - Full RB Configuration)

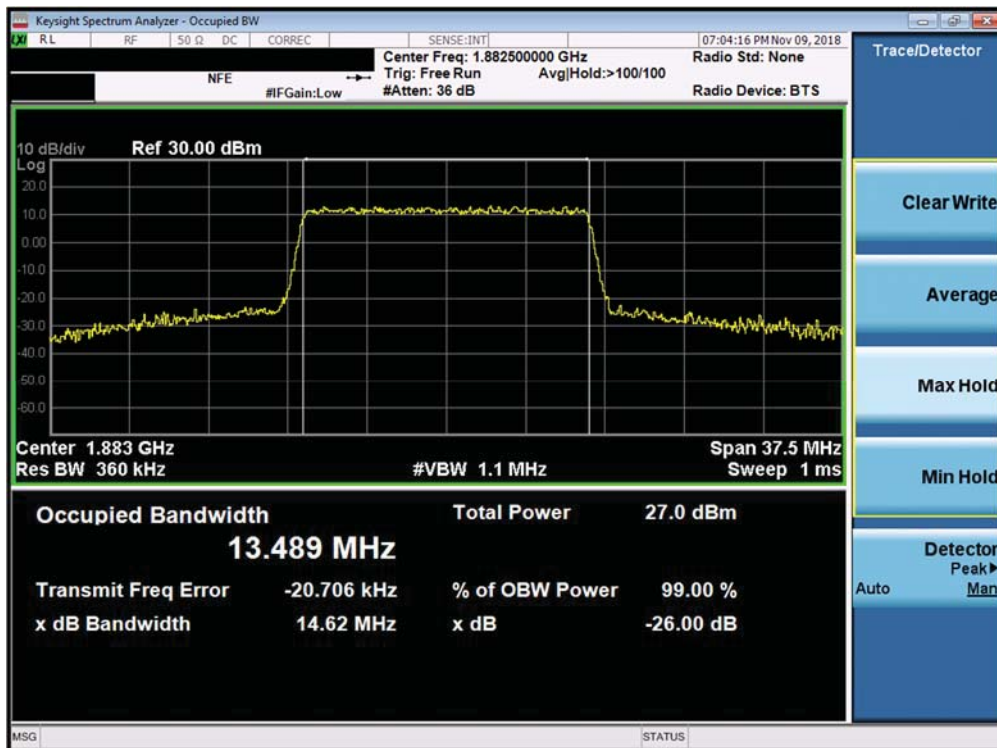


Plot 7-102. Occupied Bandwidth Plot (Band 25/2 - 15.0MHz 16-QAM - Full RB Configuration)

FCC ID: A3LSMG970U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1810250193-03.A3L	Test Dates: 10/23/2018 - 1/18/2019	EUT Type: Portable Handset		Page 68 of 391



Plot 7-103. Occupied Bandwidth Plot (Band 25/2 - 15.0MHz 64-QAM - Full RB Configuration)

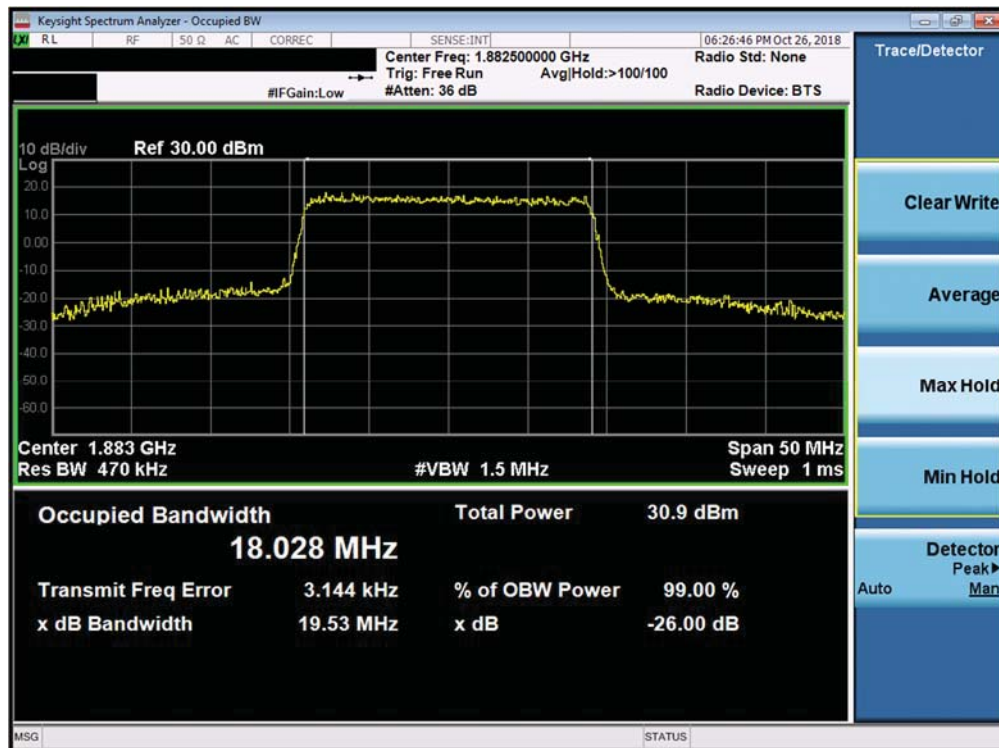


Plot 7-104. Occupied Bandwidth Plot (Band 25/2 - 15.0MHz 256-QAM - Full RB Configuration)

FCC ID: A3LSMG970U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1810250193-03.A3L	Test Dates: 10/23/2018 - 1/18/2019	EUT Type: Portable Handset		Page 69 of 391

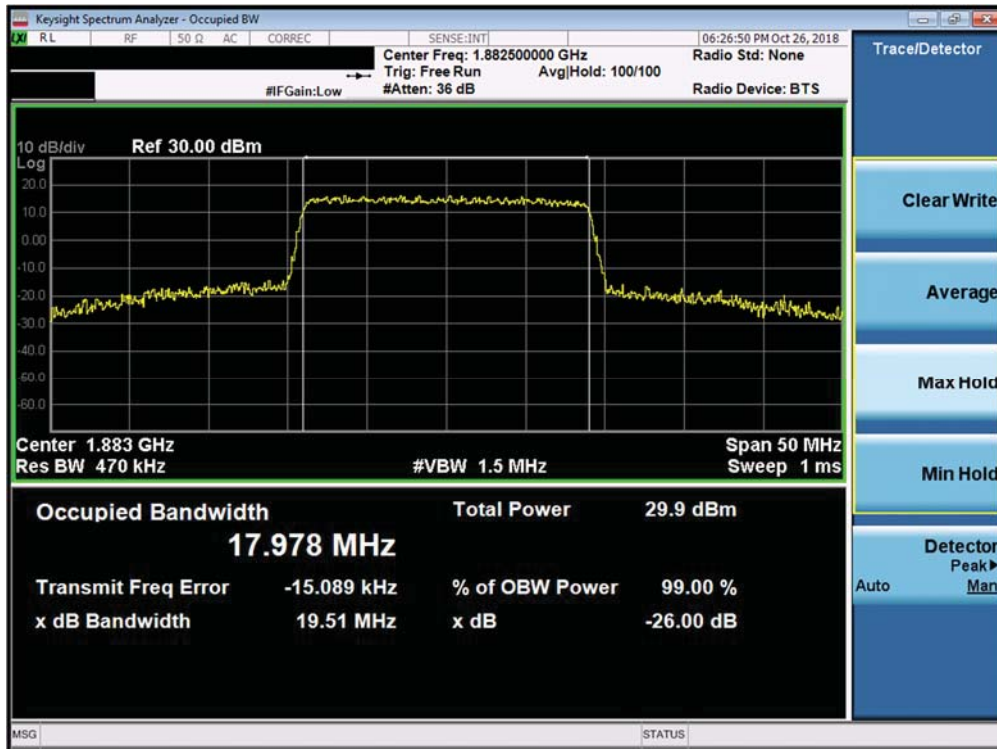


Plot 7-105. Occupied Bandwidth Plot (Band 25/2 - 20.0MHz QPSK - Full RB Configuration)

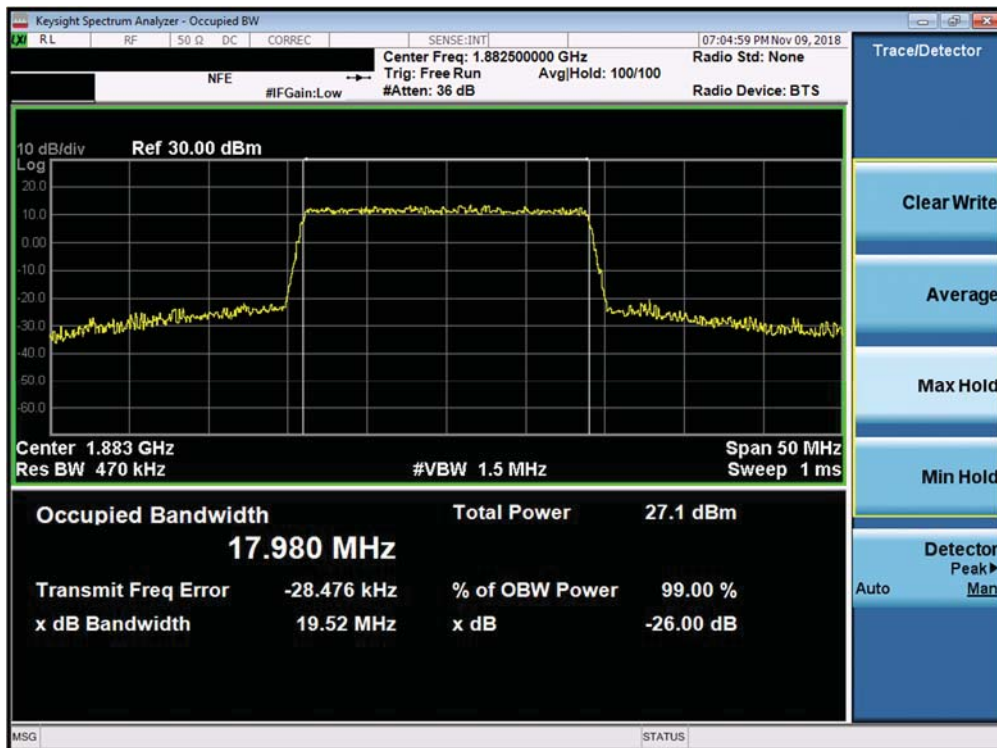


Plot 7-106. Occupied Bandwidth Plot (Band 25/2 - 20.0MHz 16-QAM - Full RB Configuration)

FCC ID: A3LSMG970U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1810250193-03.A3L	Test Dates: 10/23/2018 - 1/18/2019	EUT Type: Portable Handset		Page 70 of 391



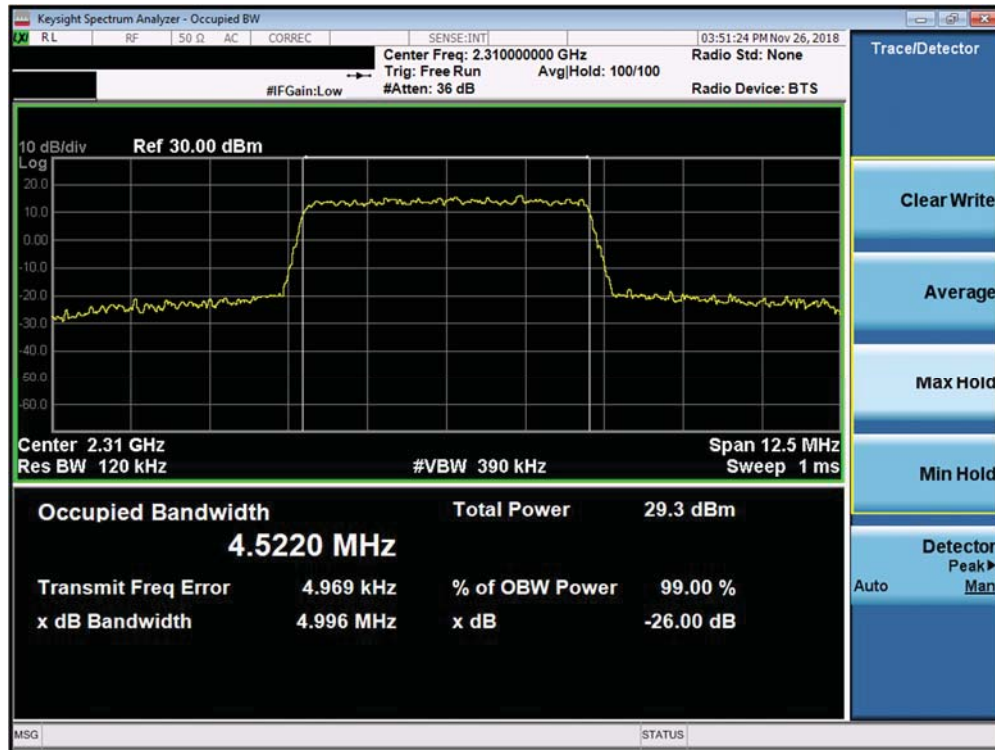
Plot 7-107. Occupied Bandwidth Plot (Band 25/2 - 20.0MHz 64-QAM - Full RB Configuration)



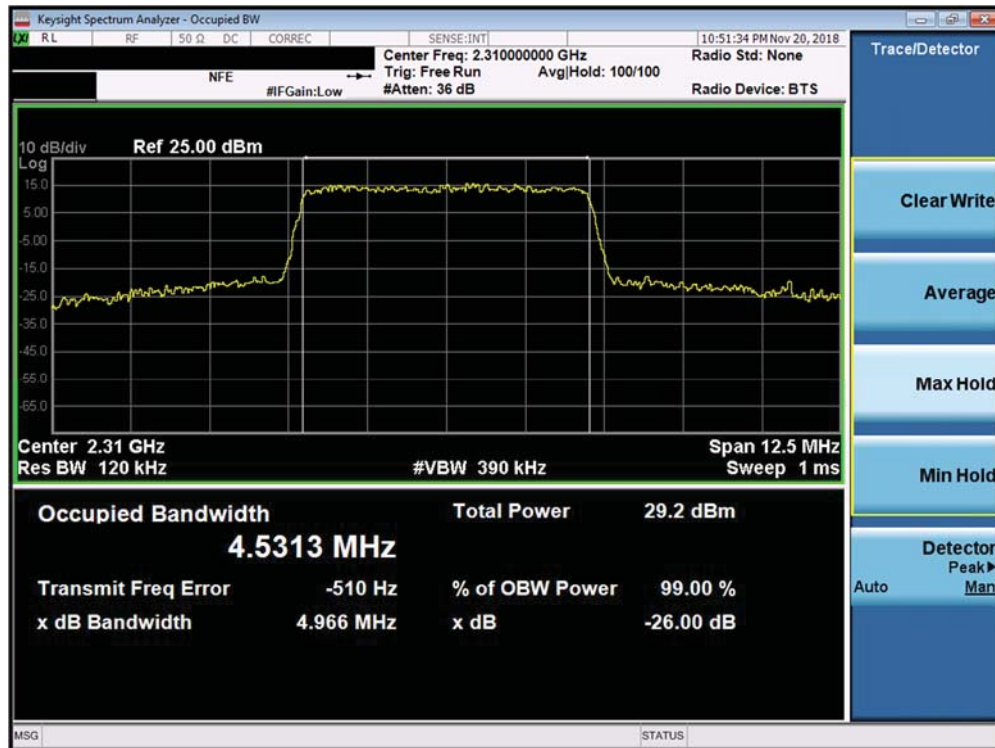
Plot 7-108. Occupied Bandwidth Plot (Band 25/2 - 20.0MHz 256-QAM - Full RB Configuration)

FCC ID: A3LSMG970U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1810250193-03.A3L	Test Dates: 10/23/2018 - 1/18/2019	EUT Type: Portable Handset		Page 71 of 391

Band 30

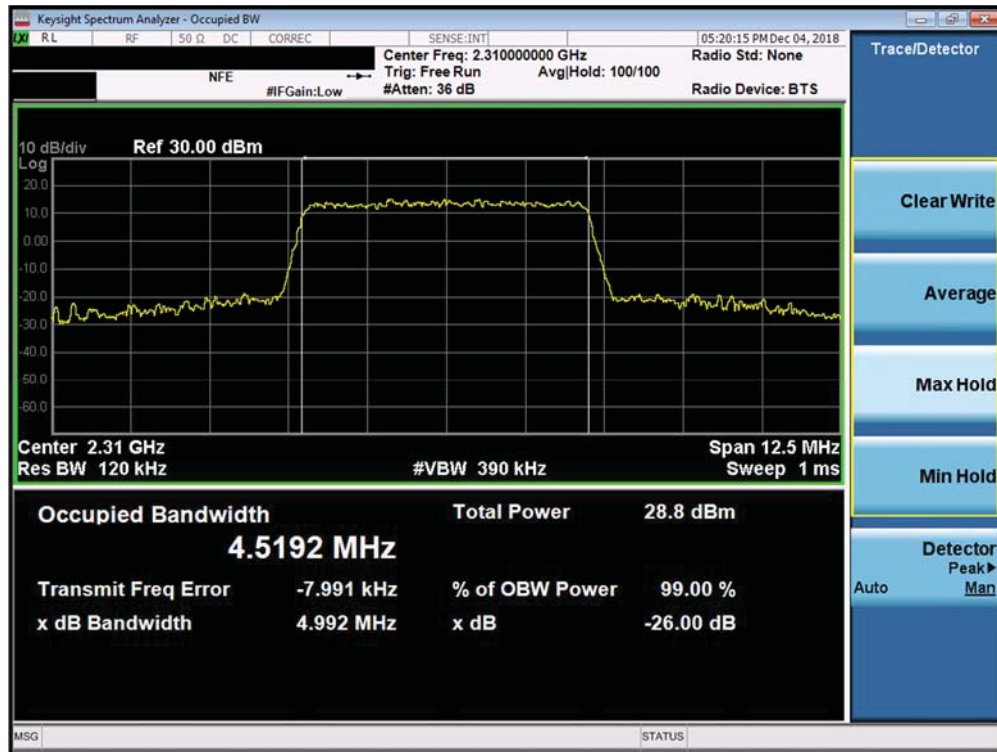


Plot 7-109. Occupied Bandwidth Plot (Band 30 – 5.0MHz QPSK - Full RB Configuration)

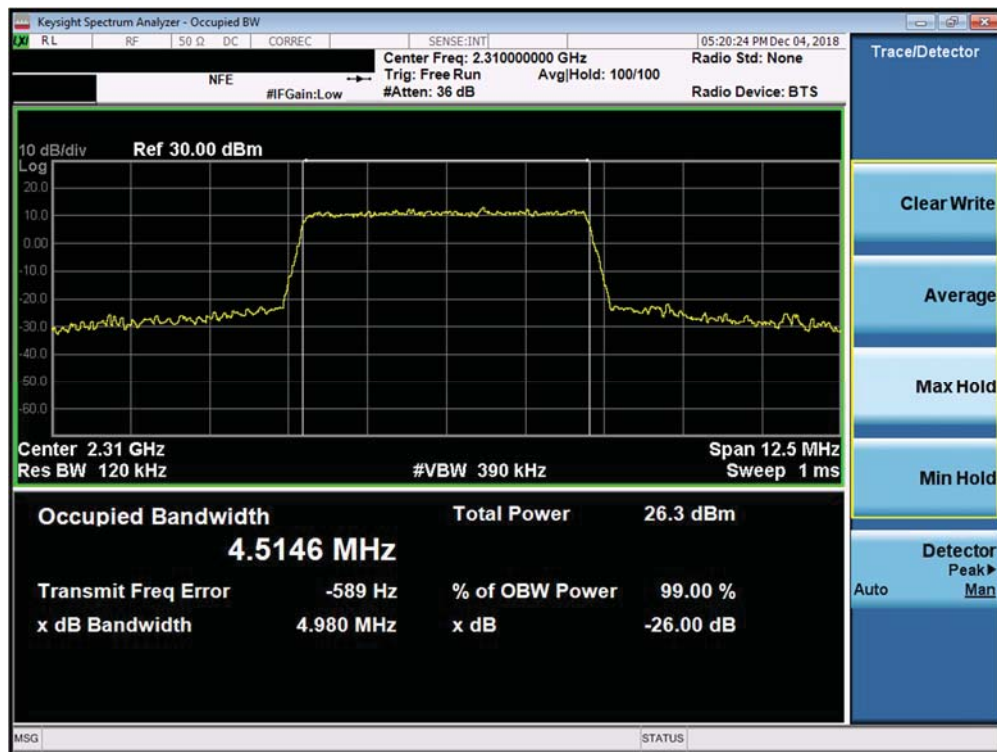


Plot 7-110. Occupied Bandwidth Plot (Band 30 – 5.0MHz 16-QAM - Full RB Configuration)

FCC ID: A3LSMG970U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1810250193-03.A3L	Test Dates: 10/23/2018 - 1/18/2019	EUT Type: Portable Handset		Page 72 of 391

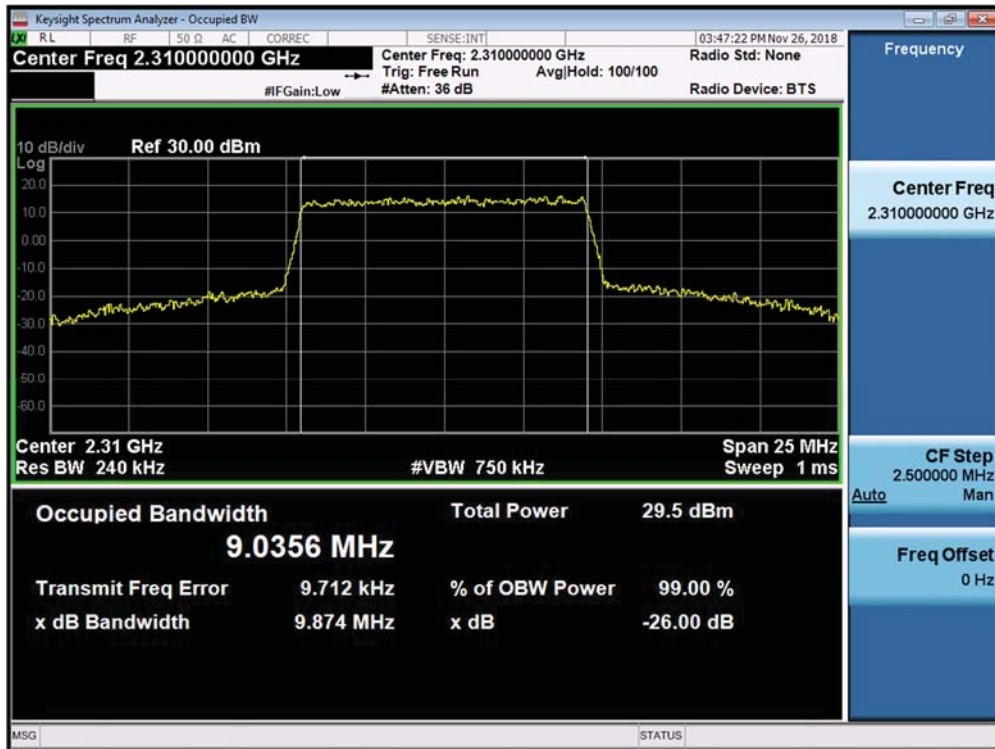


Plot 7-111. Occupied Bandwidth Plot (Band 30 – 5.0MHz 64-QAM - Full RB Configuration)

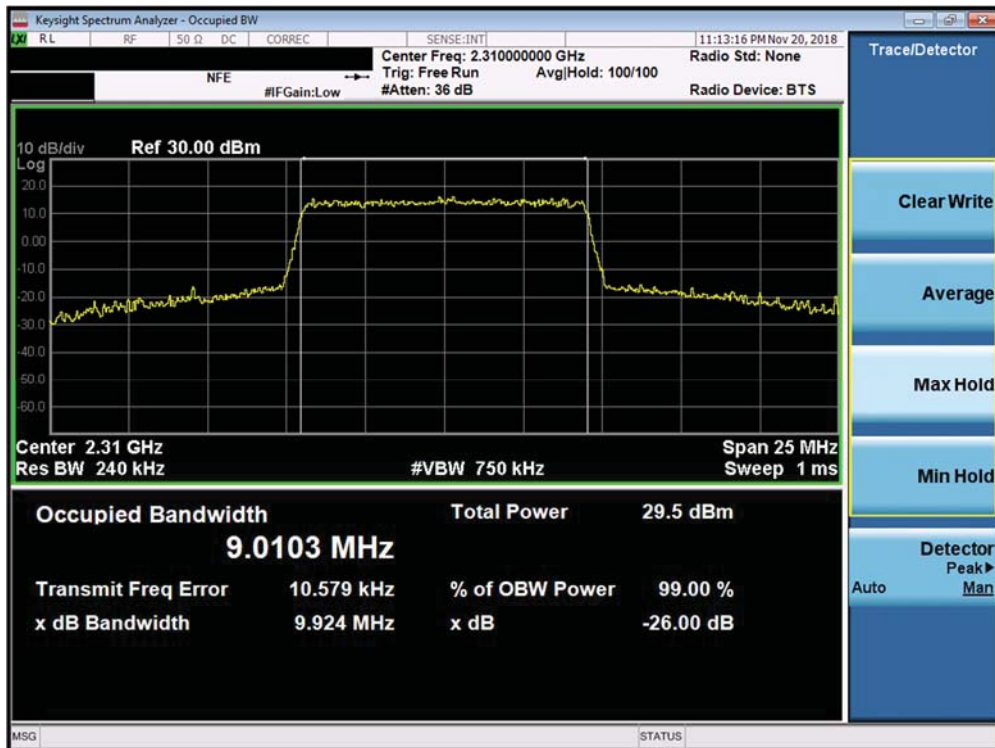


Plot 7-112. Occupied Bandwidth Plot (Band 30 – 5.0MHz 256-QAM - Full RB Configuration)

FCC ID: A3LSMG970U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1810250193-03.A3L	Test Dates: 10/23/2018 - 1/18/2019	EUT Type: Portable Handset		Page 73 of 391

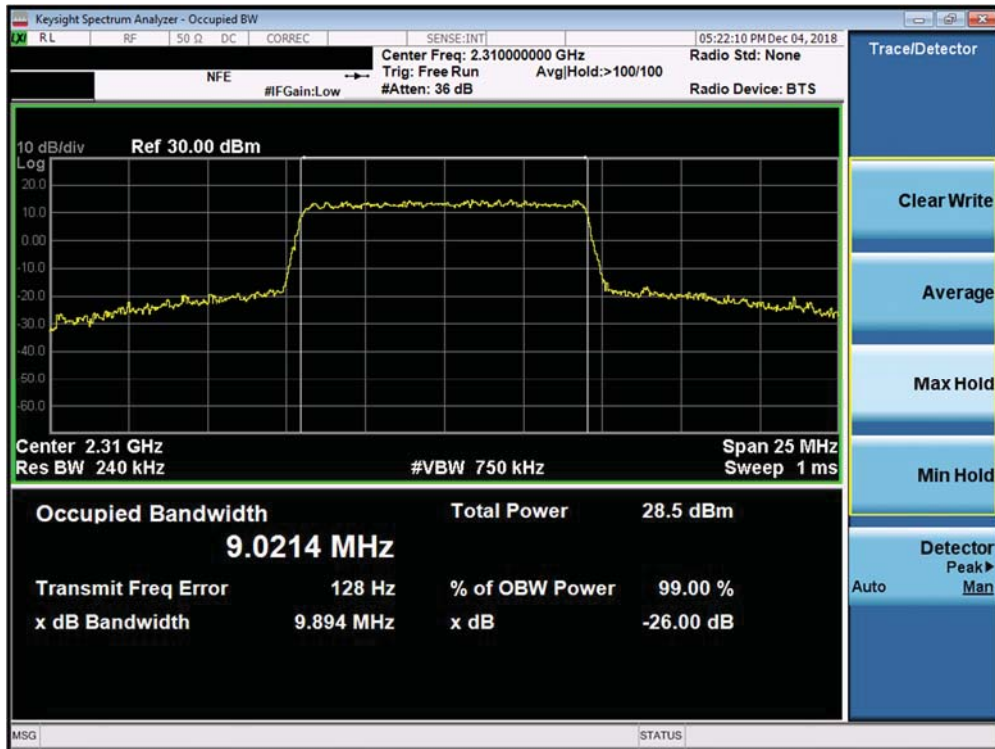


Plot 7-113. Occupied Bandwidth Plot (Band 30 - 10.0MHz QPSK - Full RB Configuration)



Plot 7-114. Occupied Bandwidth Plot (Band 30 - 10.0MHz 16-QAM - Full RB Configuration)

FCC ID: A3LSMG970U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1810250193-03.A3L	Test Dates: 10/23/2018 - 1/18/2019	EUT Type: Portable Handset		Page 74 of 391



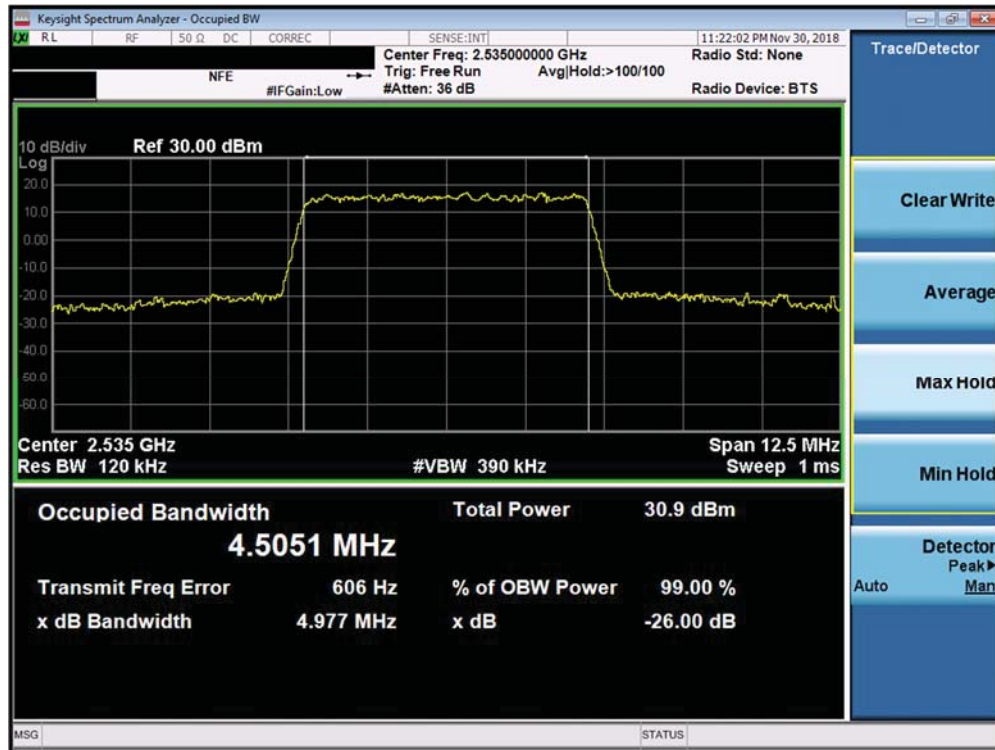
Plot 7-115. Occupied Bandwidth Plot (Band 30 - 10.0MHz 64-QAM - Full RB Configuration)



Plot 7-116. Occupied Bandwidth Plot (Band 30 - 10.0MHz 256-QAM - Full RB Configuration)

FCC ID: A3LSMG970U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1810250193-03.A3L	Test Dates: 10/23/2018 - 1/18/2019	EUT Type: Portable Handset		Page 75 of 391

Band 7 (ANT B)



Plot 7-117. Occupied Bandwidth Plot (Band 7 ANT B – 5.0MHz QPSK - Full RB Configuration)

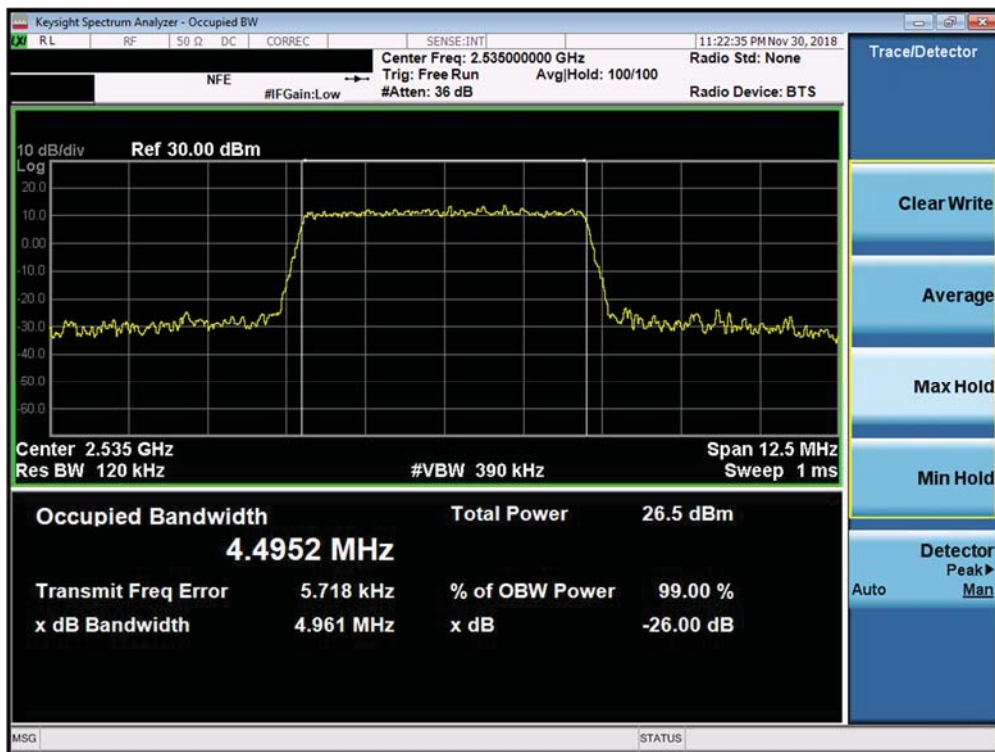


Plot 7-118. Occupied Bandwidth Plot (Band 7 ANT B – 5.0MHz 16-QAM - Full RB Configuration)

FCC ID: A3LSMG970U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1810250193-03.A3L	Test Dates: 10/23/2018 - 1/18/2019	EUT Type: Portable Handset		Page 76 of 391

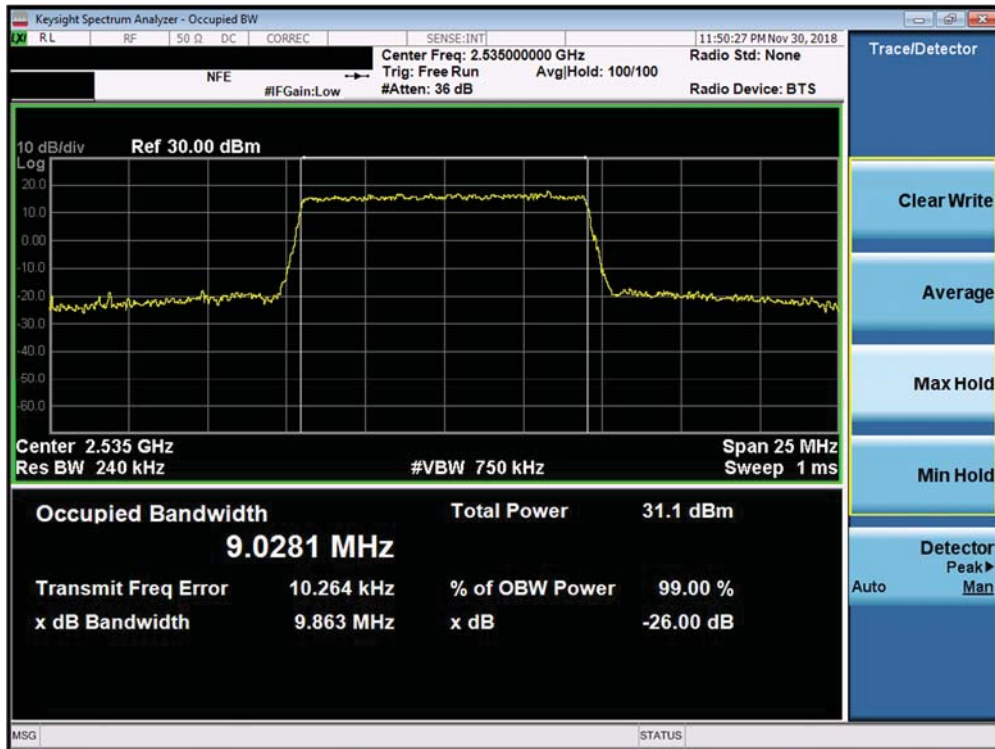


Plot 7-119. Occupied Bandwidth Plot (Band 7 ANT B – 5.0MHz 64-QAM - Full RB Configuration)



Plot 7-120. Occupied Bandwidth Plot (Band 7 ANT B – 5.0MHz 256-QAM - Full RB Configuration)

FCC ID: A3LSMG970U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1810250193-03.A3L	Test Dates: 10/23/2018 - 1/18/2019	EUT Type: Portable Handset		Page 77 of 391

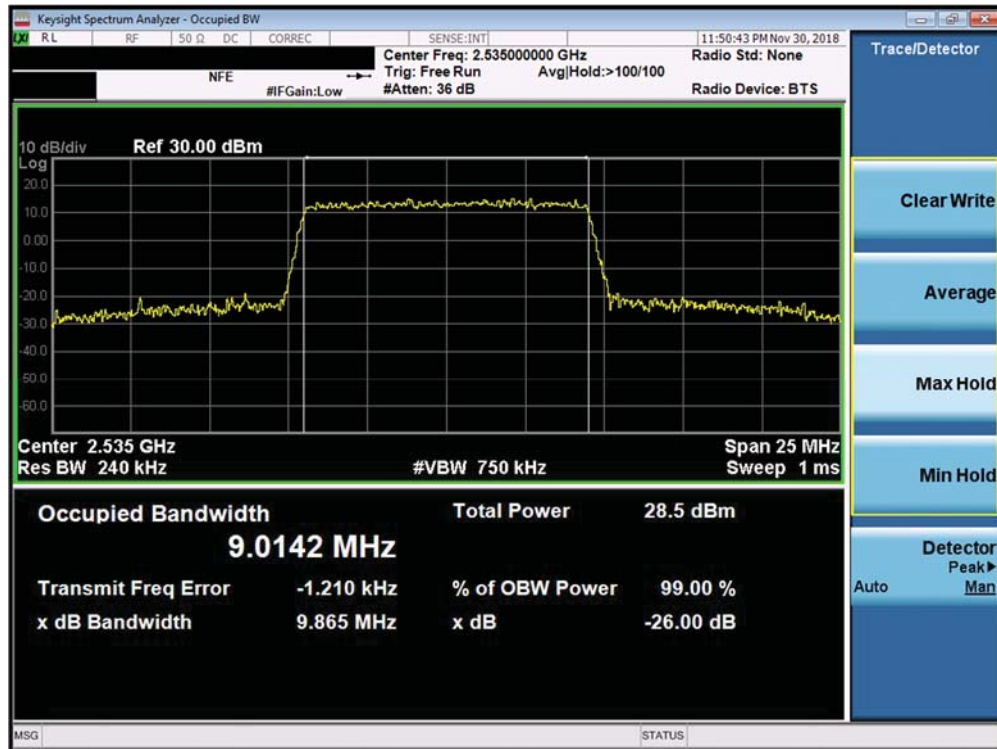


Plot 7-121. Occupied Bandwidth Plot (Band 7 ANT B - 10.0MHz QPSK - Full RB Configuration)

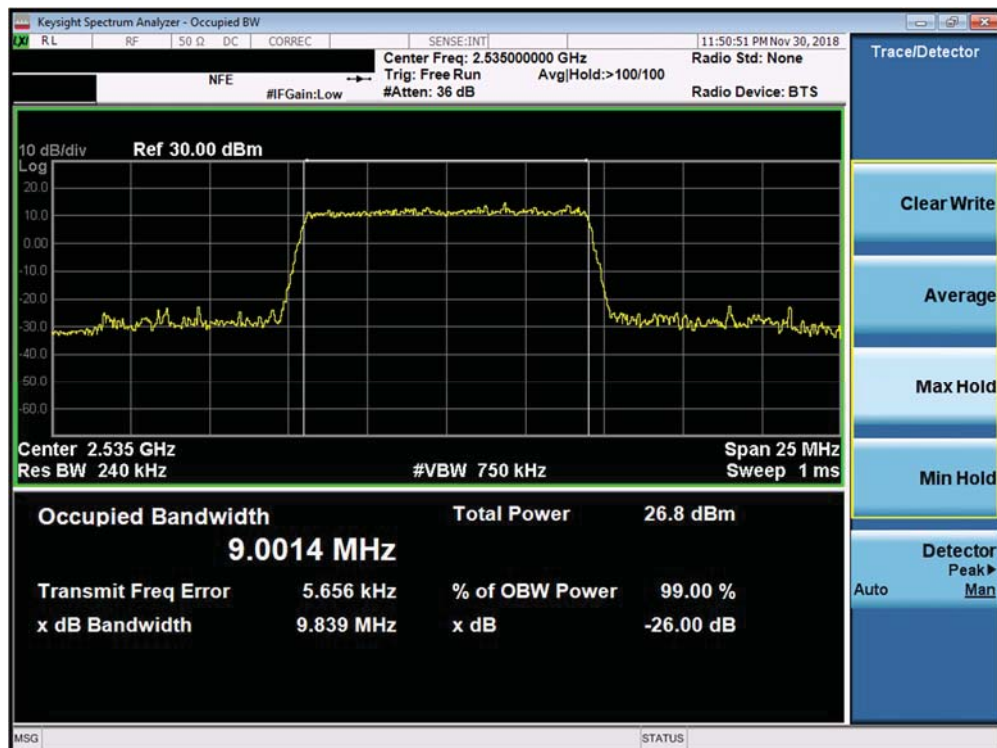


Plot 7-122. Occupied Bandwidth Plot (Band 7 ANT B - 10.0MHz 16-QAM - Full RB Configuration)

FCC ID: A3LSMG970U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1810250193-03.A3L	Test Dates: 10/23/2018 - 1/18/2019	EUT Type: Portable Handset		Page 78 of 391

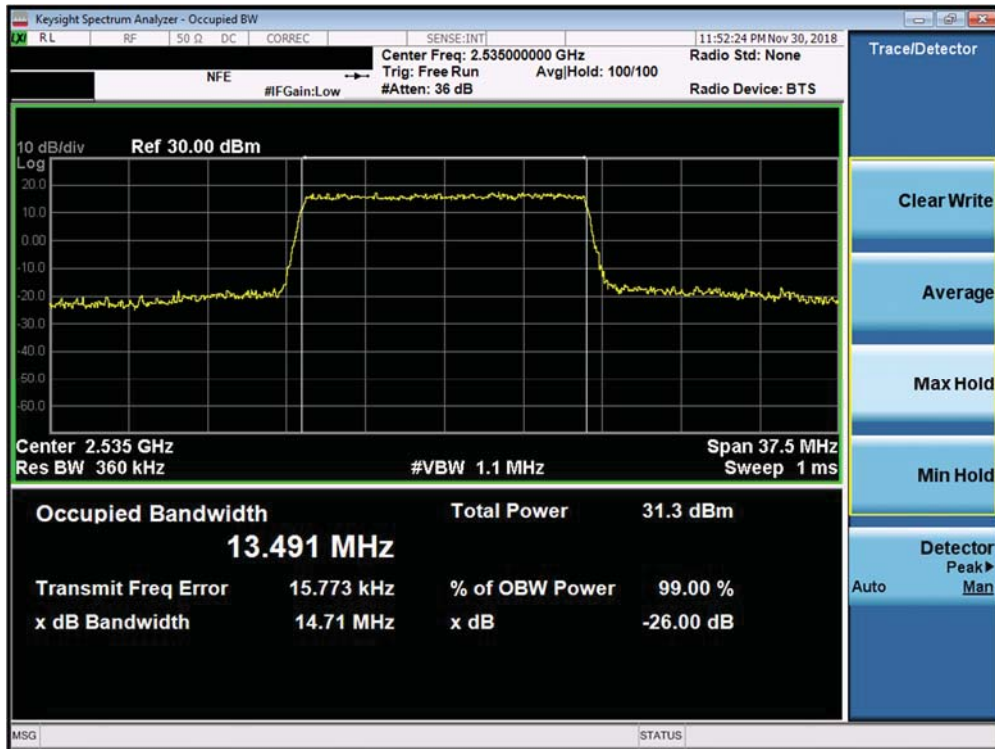


Plot 7-123. Occupied Bandwidth Plot (Band 7 ANT B - 10.0MHz 64-QAM - Full RB Configuration)

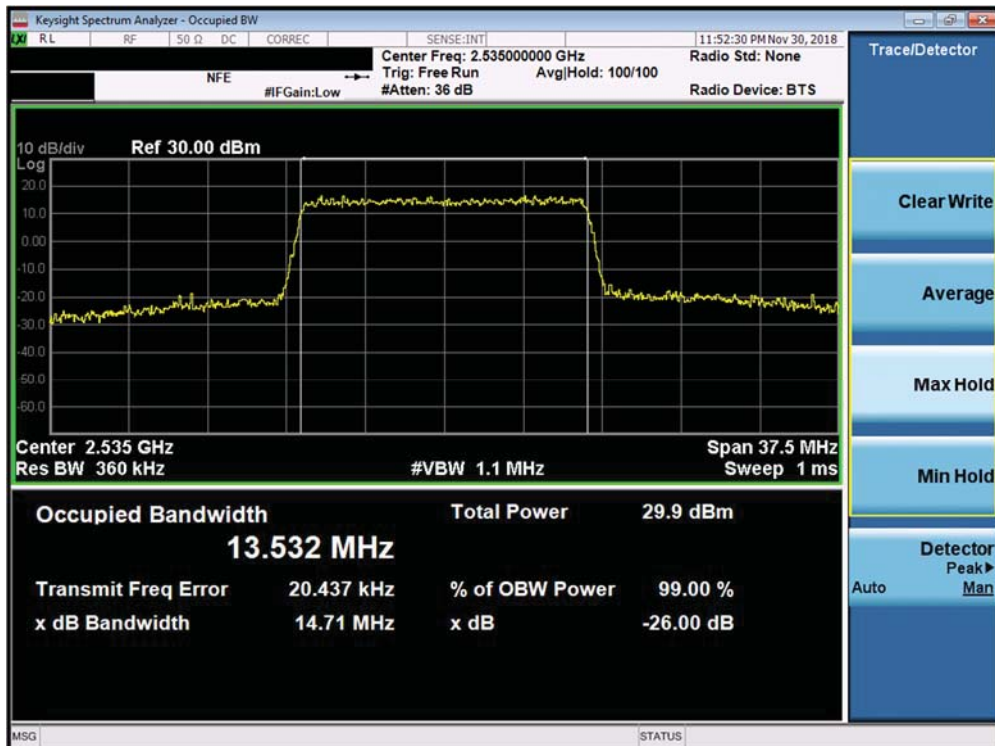


Plot 7-124. Occupied Bandwidth Plot (Band 7 ANT B - 10.0MHz 256-QAM - Full RB Configuration)

FCC ID: A3LSMG970U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1810250193-03.A3L	Test Dates: 10/23/2018 - 1/18/2019	EUT Type: Portable Handset		Page 79 of 391

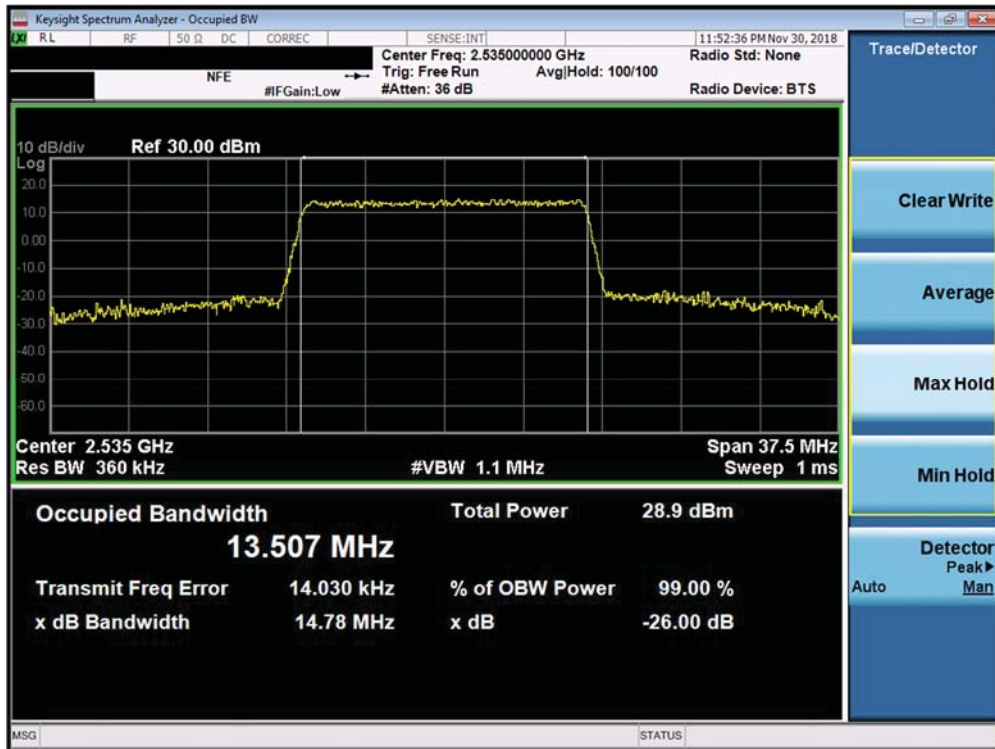


Plot 7-125. Occupied Bandwidth Plot (Band 7 ANT B - 15.0MHz QPSK - Full RB Configuration)

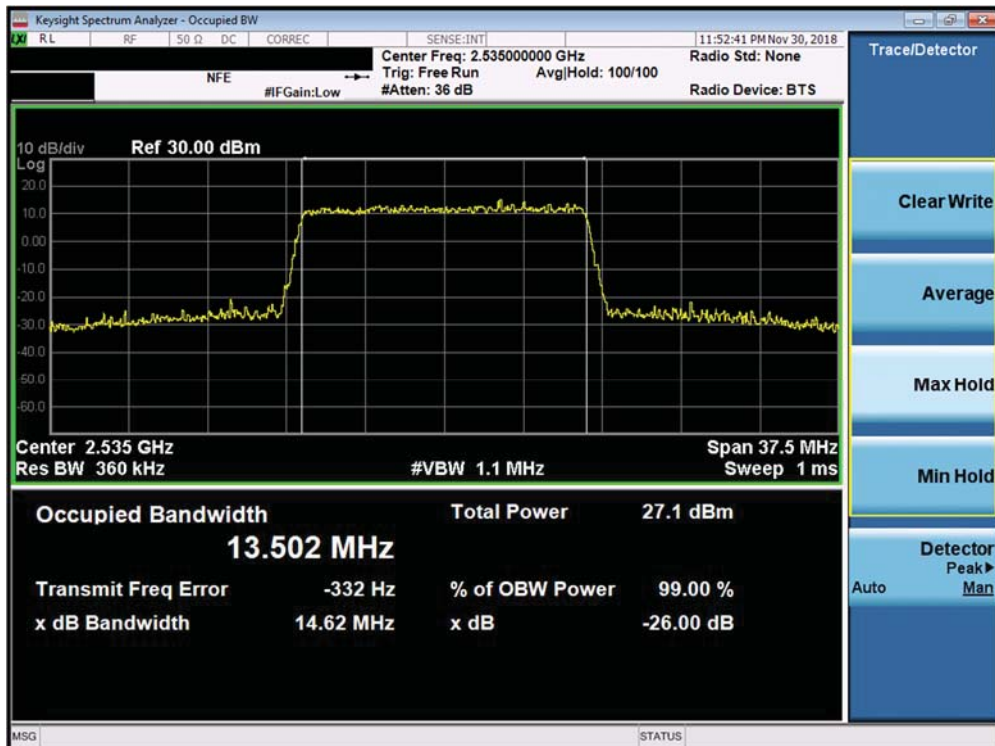


Plot 7-126. Occupied Bandwidth Plot (Band 7 ANT B - 15.0MHz 16-QAM - Full RB Configuration)

FCC ID: A3LSMG970U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1810250193-03.A3L	Test Dates: 10/23/2018 - 1/18/2019	EUT Type: Portable Handset		Page 80 of 391

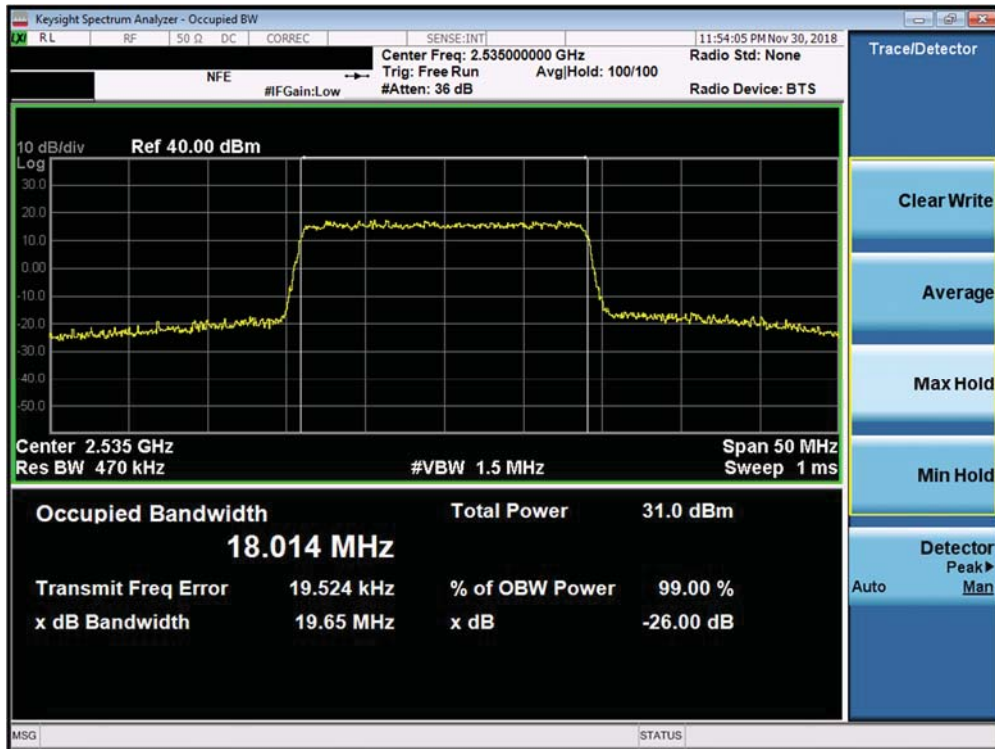


Plot 7-127. Occupied Bandwidth Plot (Band 7 ANT B - 15.0MHz 64-QAM - Full RB Configuration)



Plot 7-128. Occupied Bandwidth Plot (Band 7 ANT B - 15.0MHz 256-QAM - Full RB Configuration)

FCC ID: A3LSMG970U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1810250193-03.A3L	Test Dates: 10/23/2018 - 1/18/2019	EUT Type: Portable Handset		Page 81 of 391

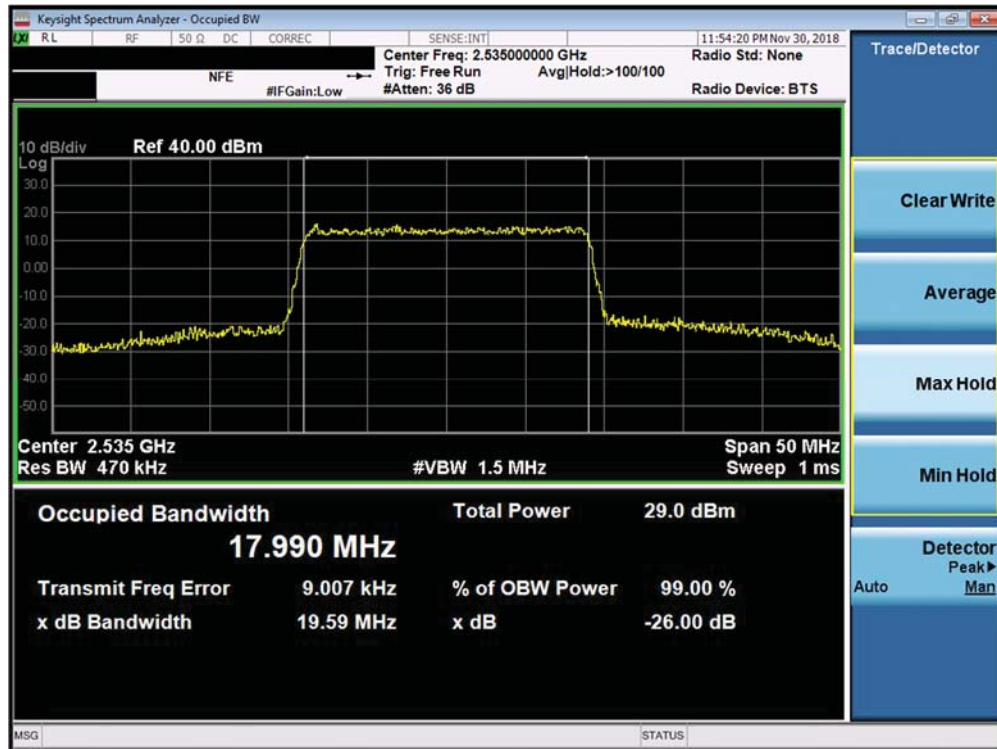


Plot 7-129. Occupied Bandwidth Plot (Band 7 ANT B - 20.0MHz QPSK - Full RB Configuration)

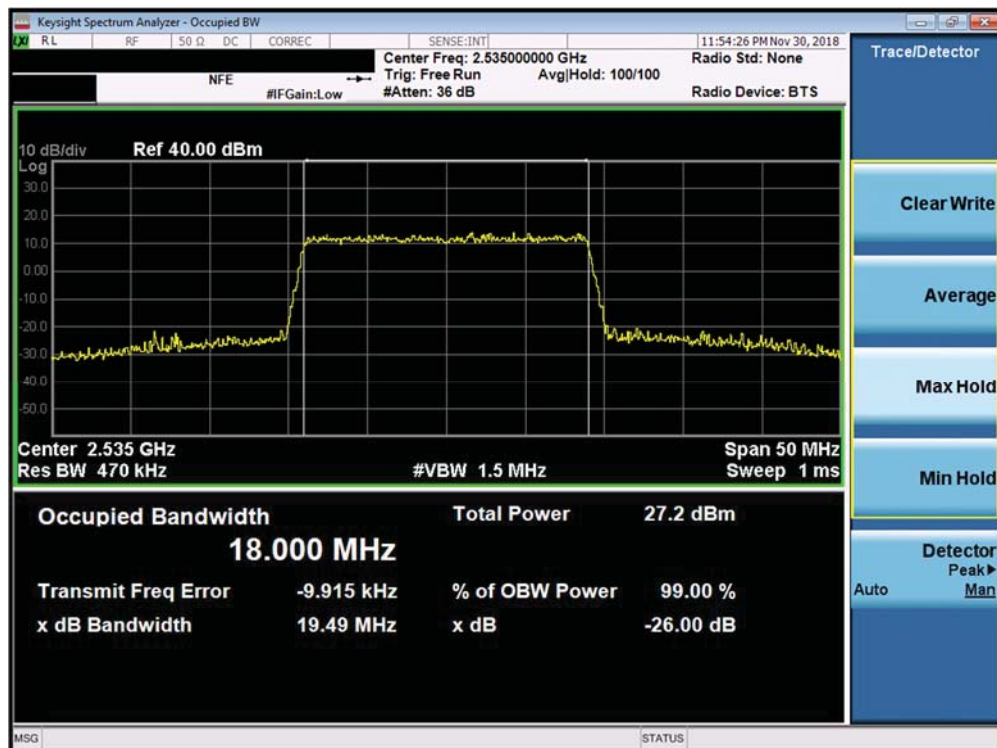


Plot 7-130. Occupied Bandwidth Plot (Band 7 ANT B - 20.0MHz 16-QAM - Full RB Configuration)

FCC ID: A3LSMG970U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1810250193-03.A3L	Test Dates: 10/23/2018 - 1/18/2019	EUT Type: Portable Handset		Page 82 of 391



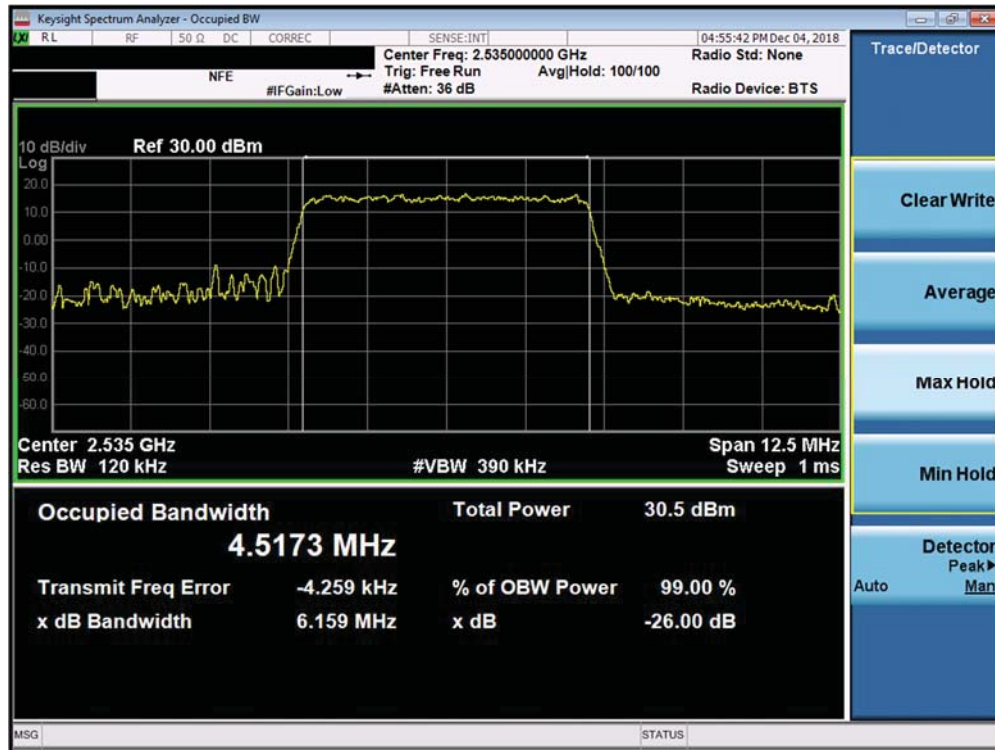
Plot 7-131. Occupied Bandwidth Plot (Band 7 ANT B - 20.0MHz 64-QAM - Full RB Configuration)



Plot 7-132. Occupied Bandwidth Plot (Band 7 ANT B - 20.0MHz 256-QAM - Full RB Configuration)

FCC ID: A3LSMG970U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1810250193-03.A3L	Test Dates: 10/23/2018 - 1/18/2019	EUT Type: Portable Handset		Page 83 of 391

Band 7 (ANT A)



Plot 7-133. Occupied Bandwidth Plot (Band 7 Ant A – 5.0MHz QPSK - Full RB Configuration)

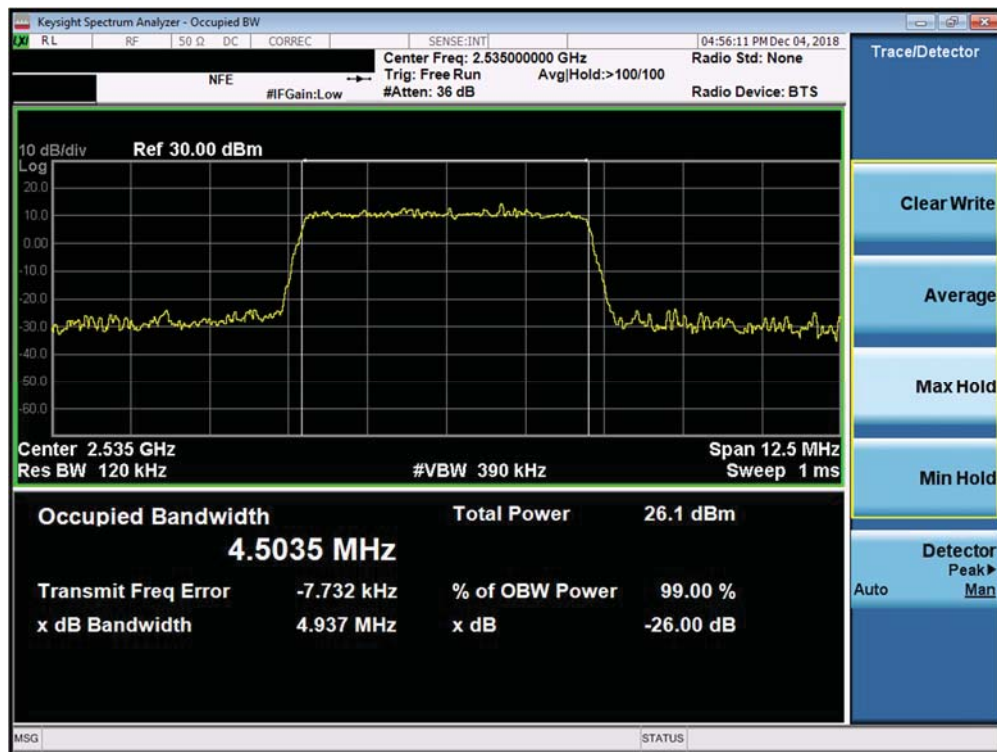


Plot 7-134. Occupied Bandwidth Plot (Band 7 Ant A – 5.0MHz 16-QAM - Full RB Configuration)

FCC ID: A3LSMG970U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1810250193-03.A3L	Test Dates: 10/23/2018 - 1/18/2019	EUT Type: Portable Handset		Page 84 of 391

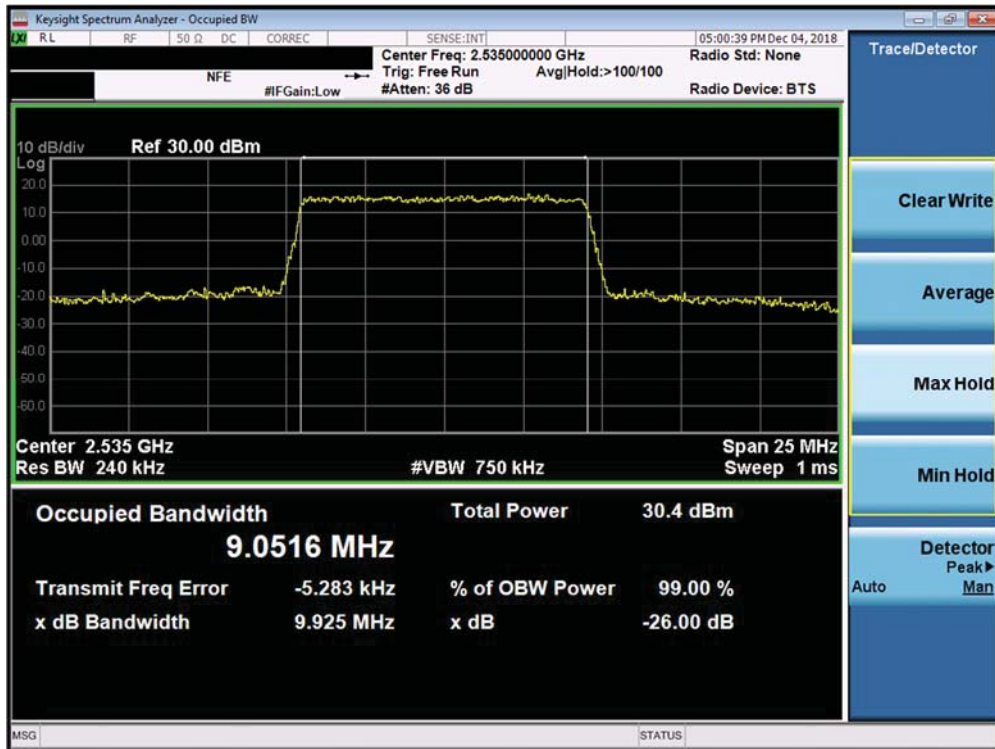


Plot 7-135. Occupied Bandwidth Plot (Band 7 Ant A – 5.0MHz 64-QAM - Full RB Configuration)

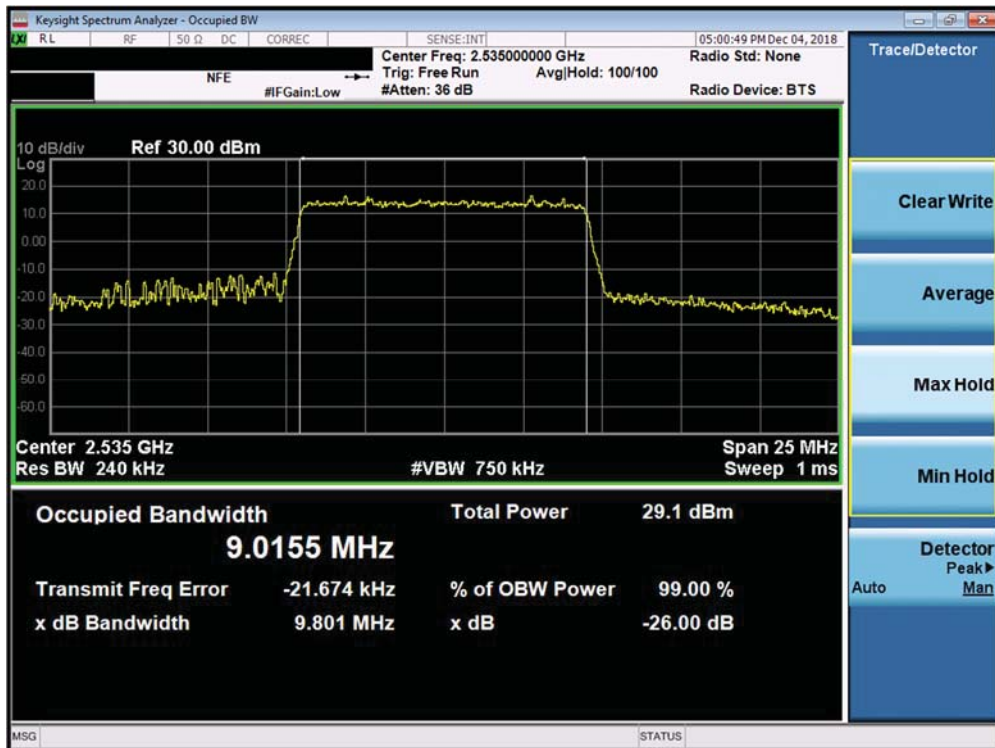


Plot 7-136. Occupied Bandwidth Plot (Band 7 Ant A – 5.0MHz 256-QAM - Full RB Configuration)

FCC ID: A3LSMG970U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1810250193-03.A3L	Test Dates: 10/23/2018 - 1/18/2019	EUT Type: Portable Handset		Page 85 of 391

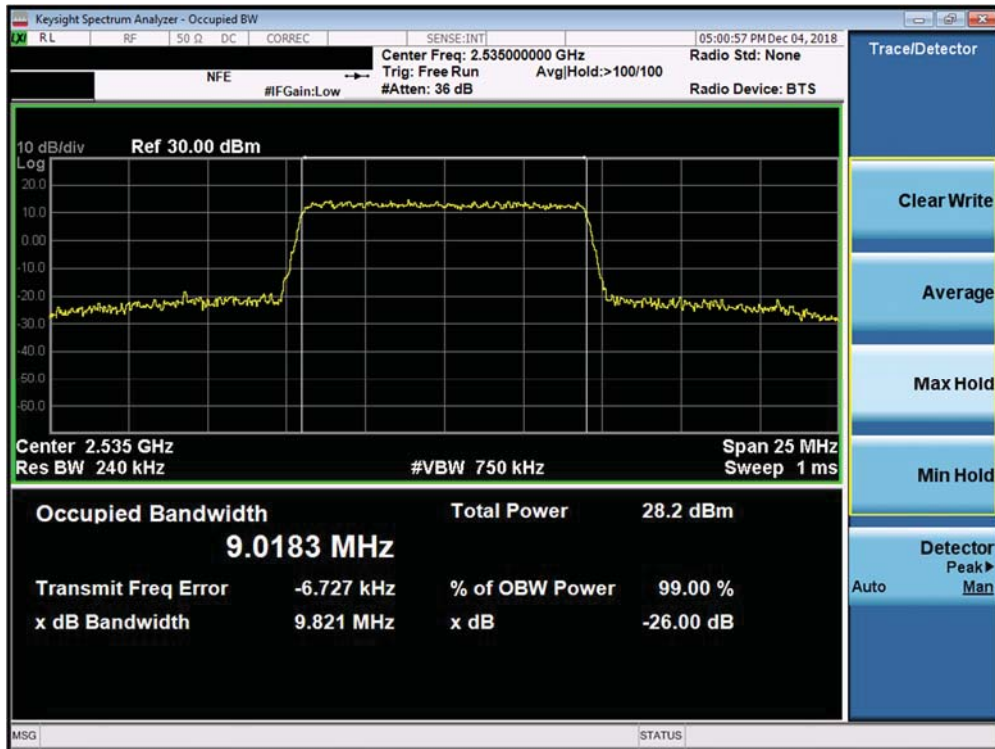


Plot 7-137. Occupied Bandwidth Plot (Band 7 Ant A - 10.0MHz QPSK - Full RB Configuration)

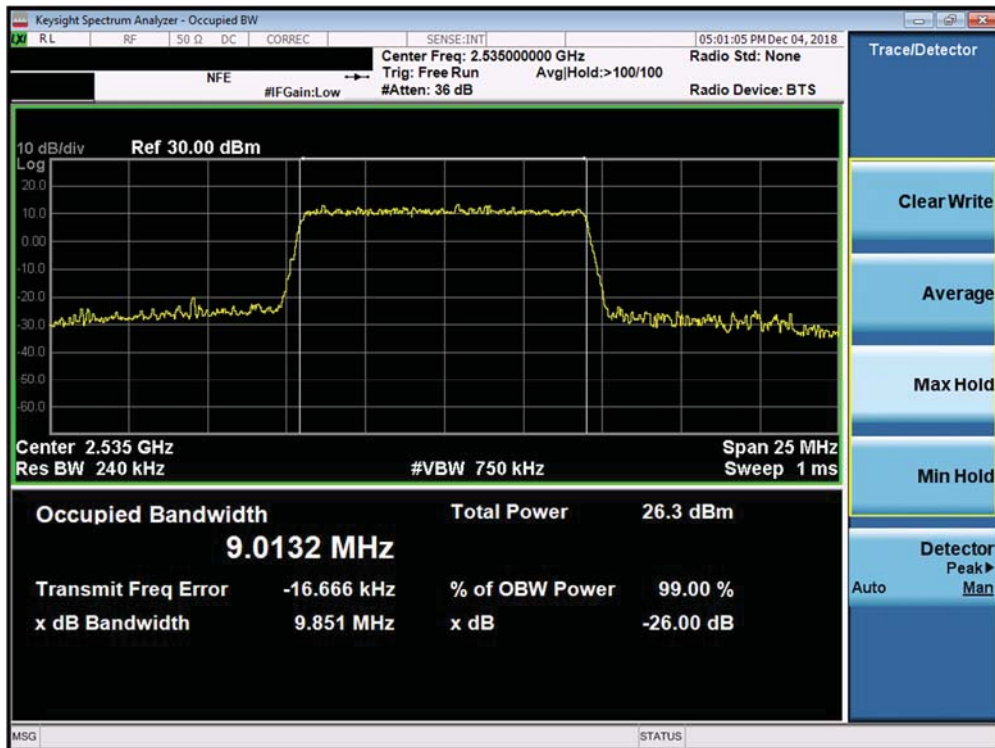


Plot 7-138. Occupied Bandwidth Plot (Band 7 Ant A - 10.0MHz 16-QAM - Full RB Configuration)

FCC ID: A3LSMG970U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1810250193-03.A3L	Test Dates: 10/23/2018 - 1/18/2019	EUT Type: Portable Handset		Page 86 of 391

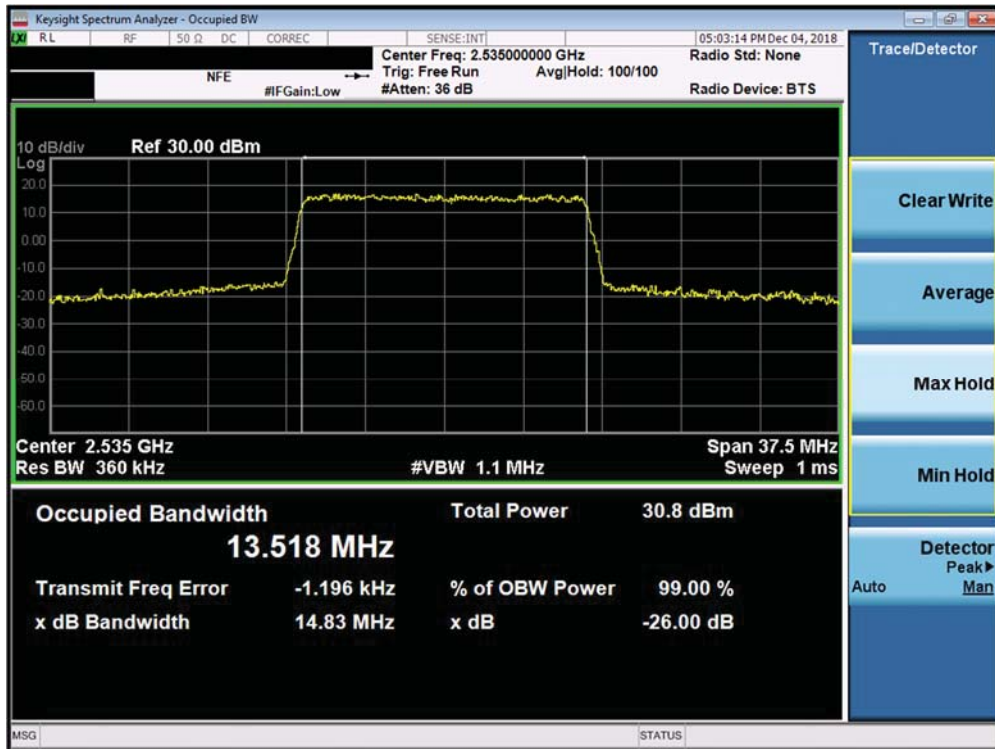


Plot 7-139. Occupied Bandwidth Plot (Band 7 Ant A - 10.0MHz 64-QAM - Full RB Configuration)

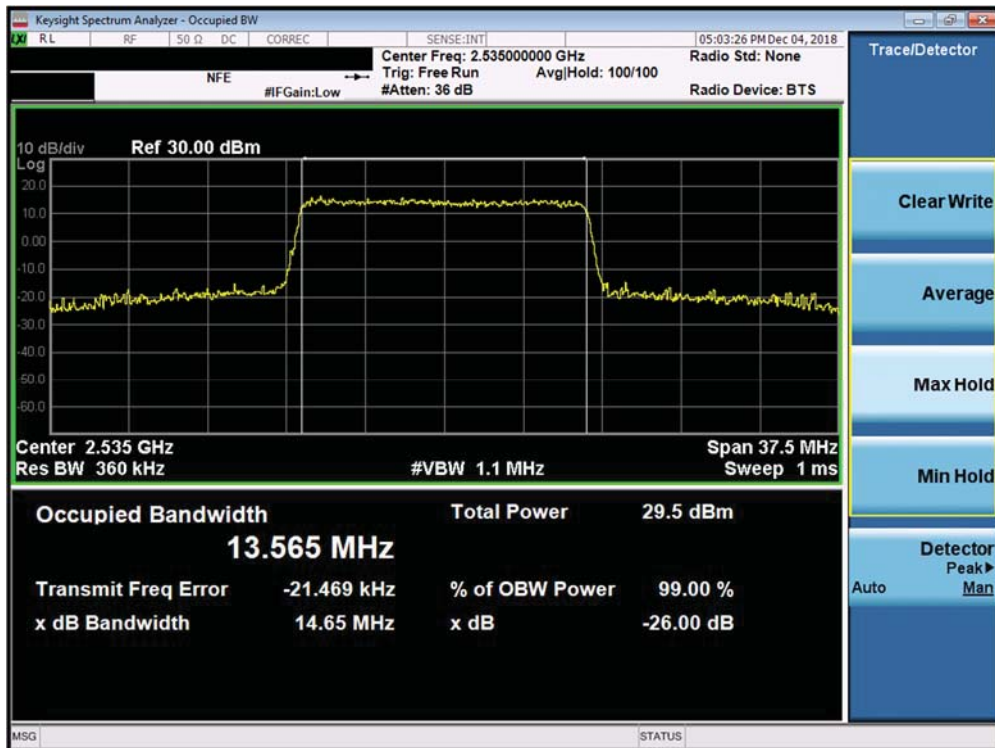


Plot 7-140. Occupied Bandwidth Plot (Band 7 Ant A - 10.0MHz 256-QAM - Full RB Configuration)

FCC ID: A3LSMG970U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1810250193-03.A3L	Test Dates: 10/23/2018 - 1/18/2019	EUT Type: Portable Handset		Page 87 of 391

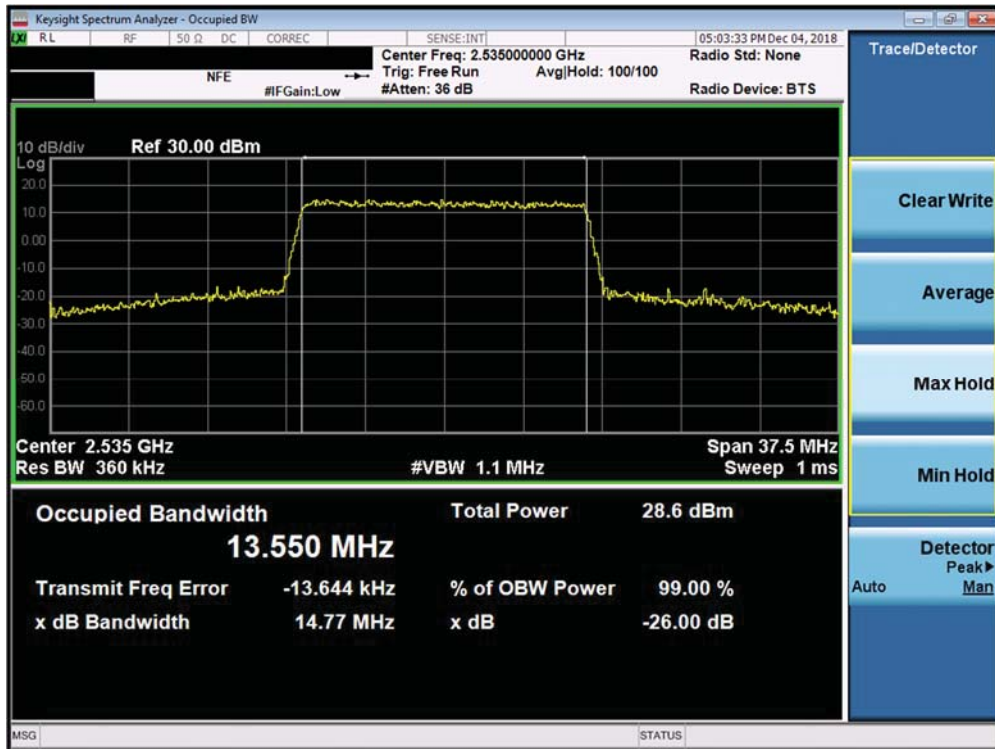


Plot 7-141. Occupied Bandwidth Plot (Band 7 Ant A - 15.0MHz QPSK - Full RB Configuration)

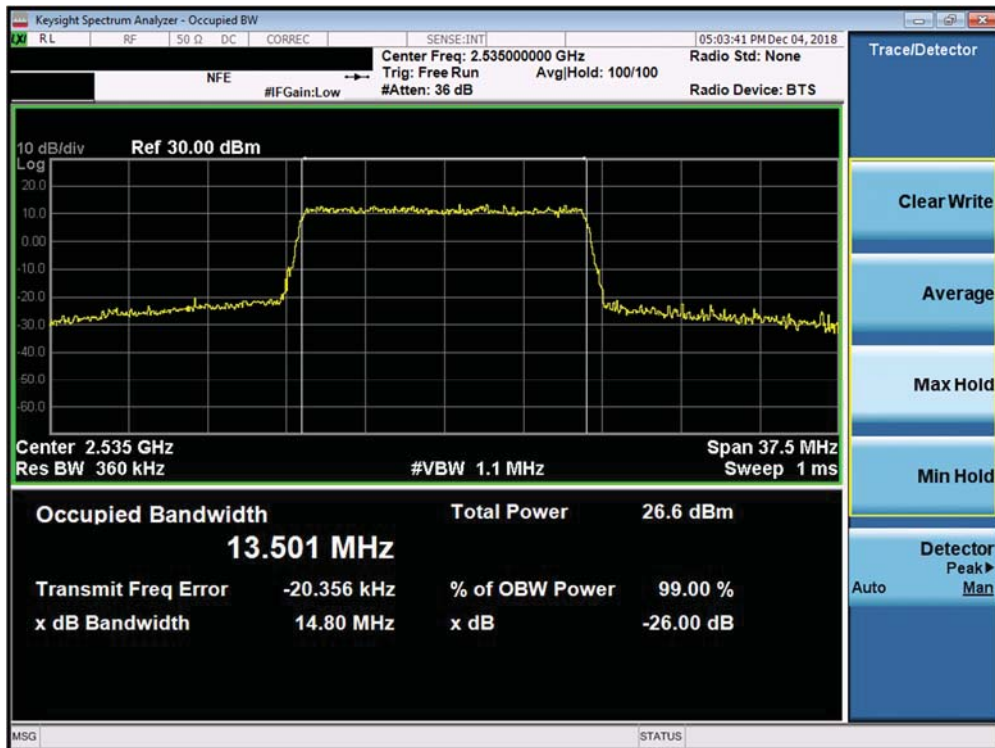


Plot 7-142. Occupied Bandwidth Plot (Band 7 Ant A - 15.0MHz 16-QAM - Full RB Configuration)

FCC ID: A3LSMG970U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1810250193-03.A3L	Test Dates: 10/23/2018 - 1/18/2019	EUT Type: Portable Handset		Page 88 of 391

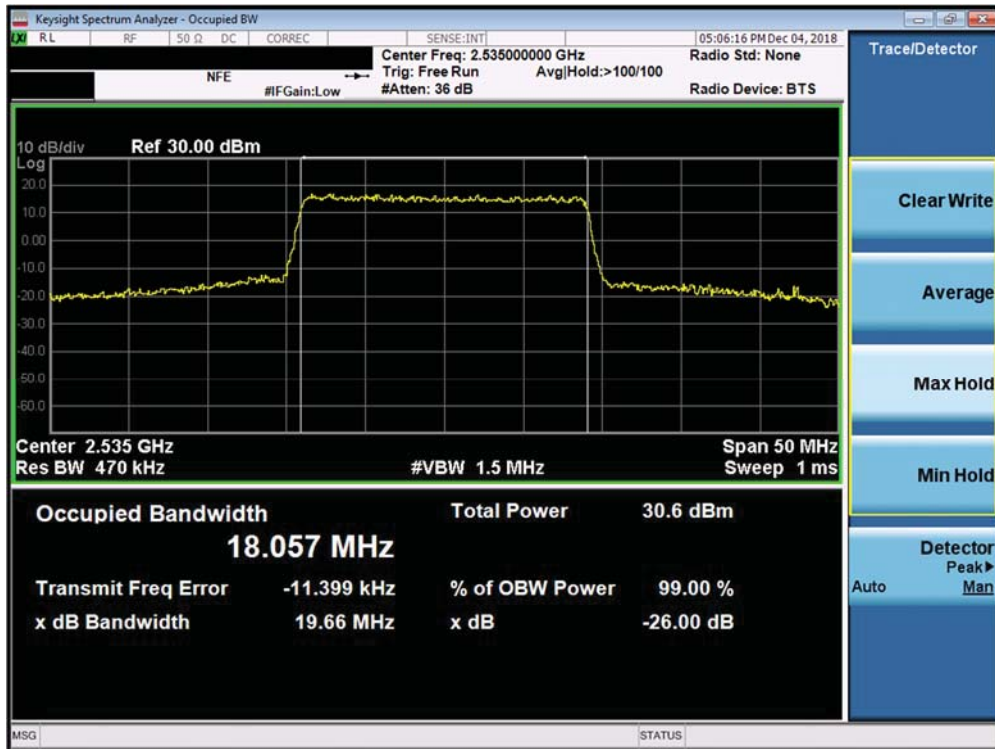


Plot 7-143. Occupied Bandwidth Plot (Band 7 Ant A - 15.0MHz 64-QAM - Full RB Configuration)



Plot 7-144. Occupied Bandwidth Plot (Band 7 Ant A - 15.0MHz 256-QAM - Full RB Configuration)

FCC ID: A3LSMG970U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1810250193-03.A3L	Test Dates: 10/23/2018 - 1/18/2019	EUT Type: Portable Handset		Page 89 of 391

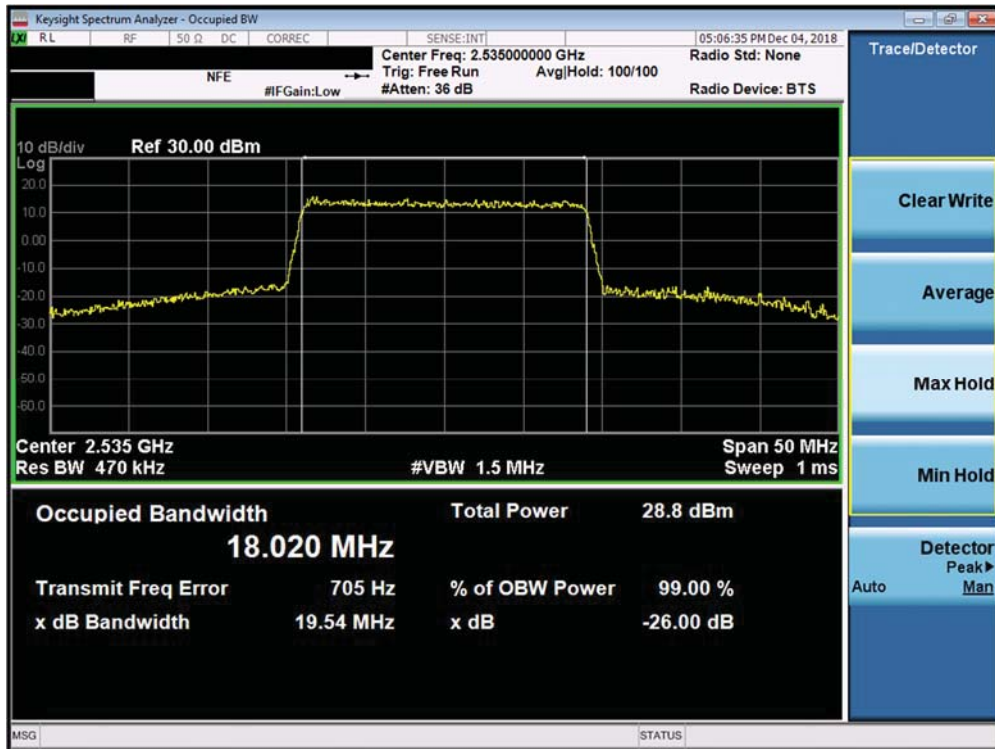


Plot 7-145. Occupied Bandwidth Plot (Band 7 Ant A - 20.0MHz QPSK - Full RB Configuration)

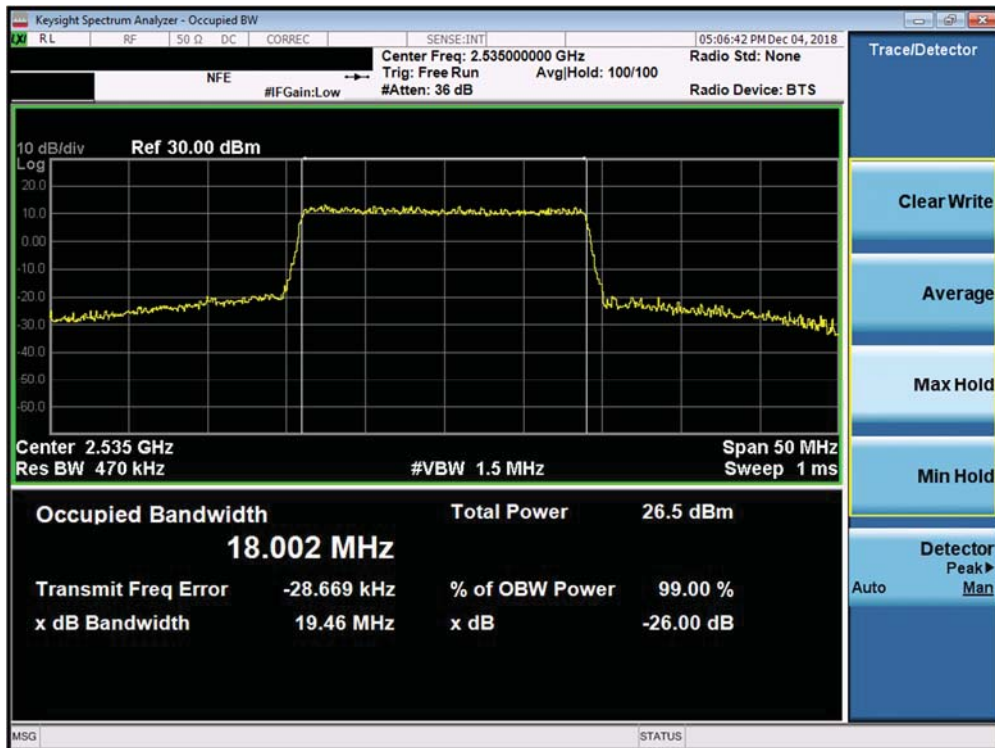


Plot 7-146. Occupied Bandwidth Plot (Band 7 Ant A - 20.0MHz 16-QAM - Full RB Configuration)

FCC ID: A3LSMG970U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1810250193-03.A3L	Test Dates: 10/23/2018 - 1/18/2019	EUT Type: Portable Handset		Page 90 of 391



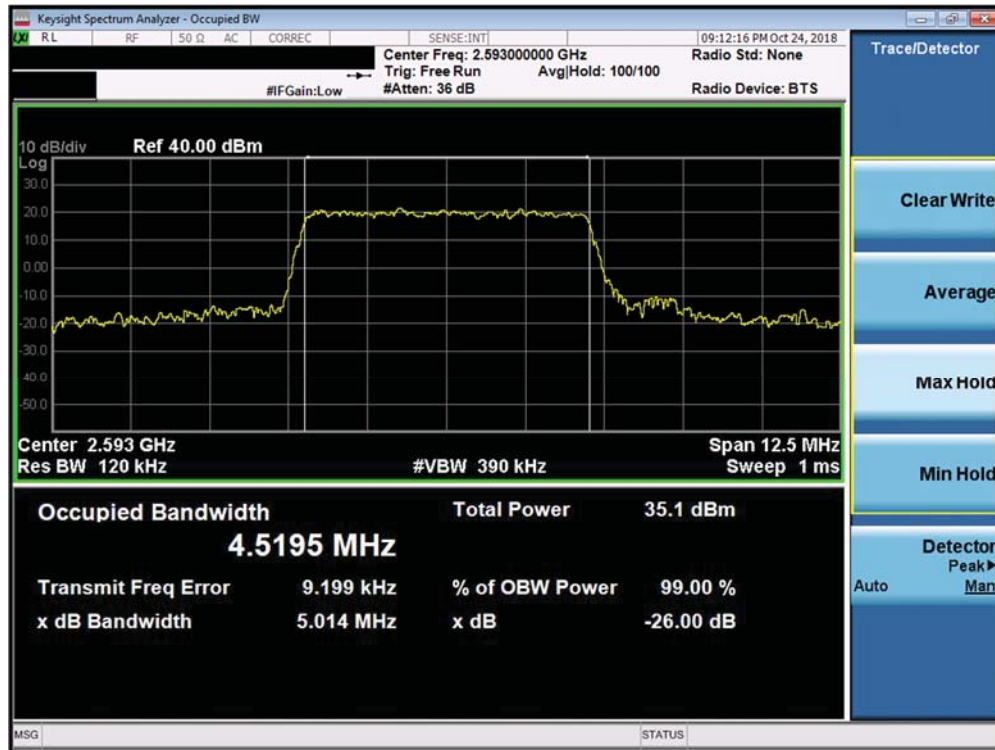
Plot 7-147. Occupied Bandwidth Plot (Band 7 Ant A - 20.0MHz 64-QAM - Full RB Configuration)



Plot 7-148. Occupied Bandwidth Plot (Band 7 Ant A - 20.0MHz 256-QAM - Full RB Configuration)

FCC ID: A3LSMG970U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1810250193-03.A3L	Test Dates: 10/23/2018 - 1/18/2019	EUT Type: Portable Handset		Page 91 of 391

Band 41 (PC2)



Plot 7-149. Occupied Bandwidth Plot (Band 41 PC2 – 5.0MHz QPSK - Full RB Configuration)

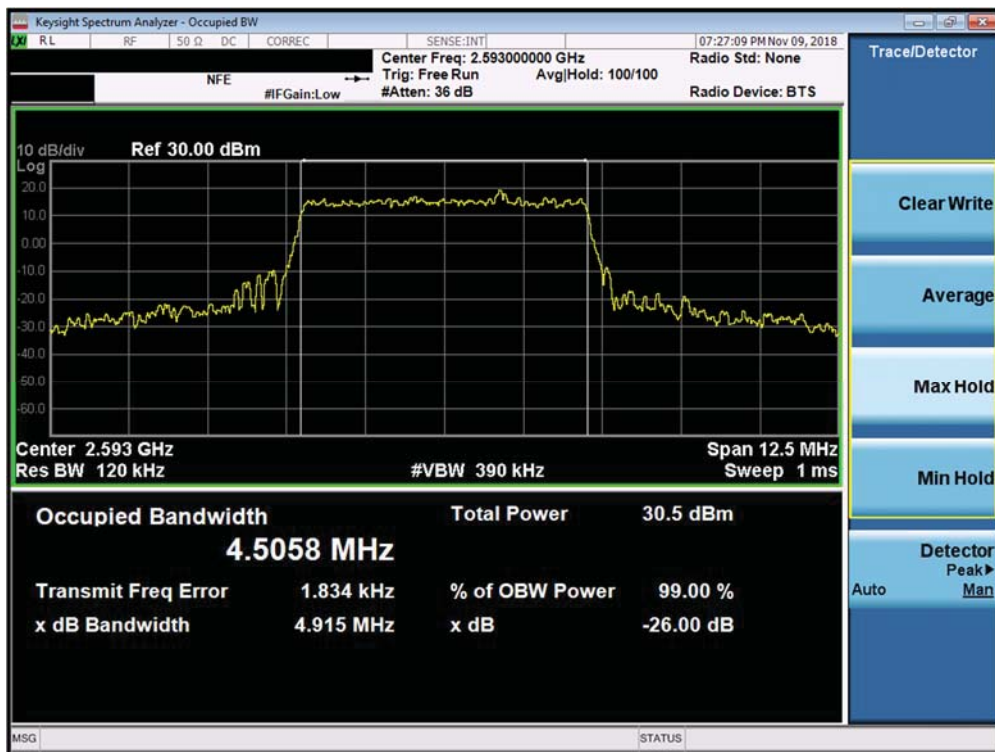


Plot 7-150. Occupied Bandwidth Plot (Band 41 PC2 – 5.0MHz 16-QAM - Full RB Configuration)

FCC ID: A3LSMG970U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1810250193-03.A3L	Test Dates: 10/23/2018 - 1/18/2019	EUT Type: Portable Handset		Page 92 of 391

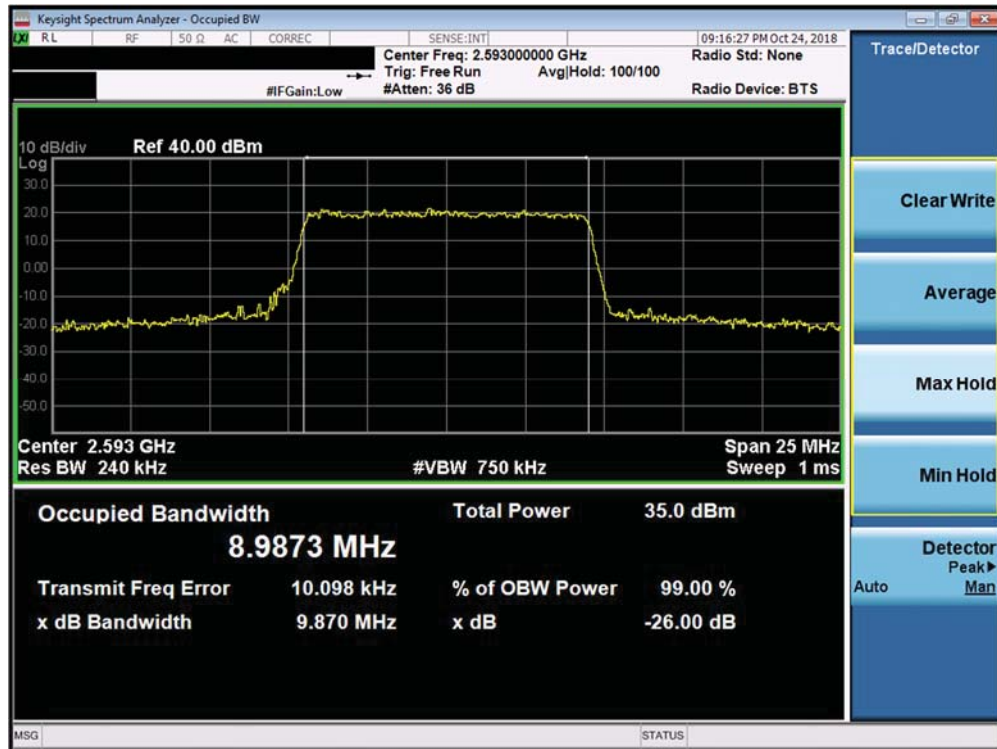


Plot 7-151. Occupied Bandwidth Plot (Band 41 PC2 – 5.0MHz 64-QAM - Full RB Configuration)

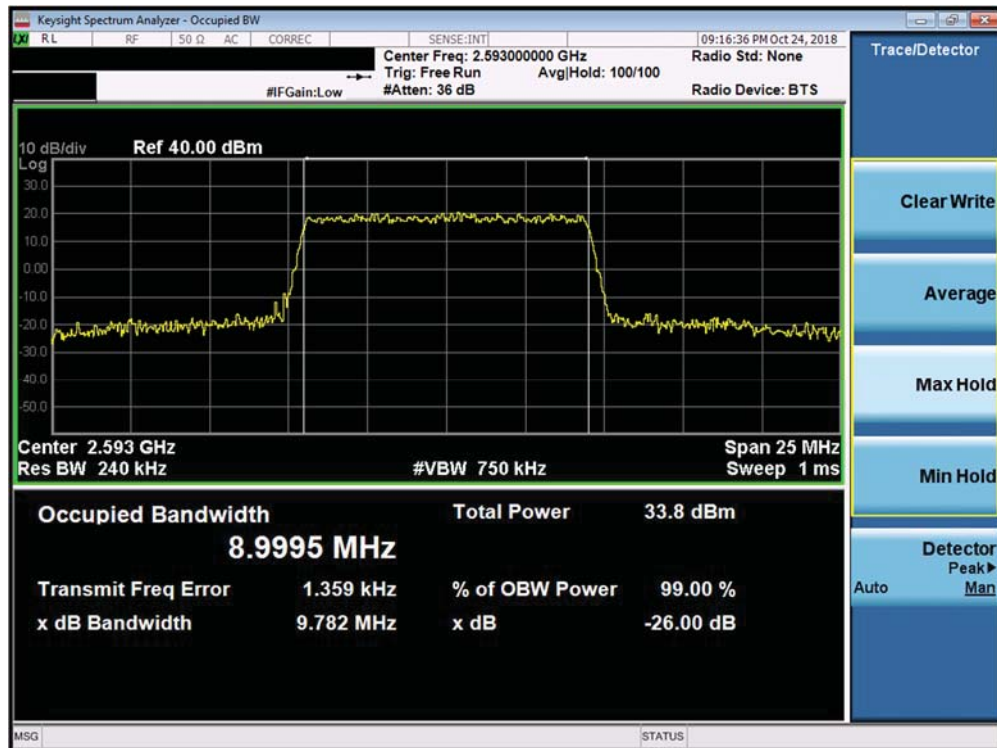


Plot 7-152. Occupied Bandwidth Plot (Band 41 PC2 – 5.0MHz 256-QAM - Full RB Configuration)

FCC ID: A3LSMG970U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1810250193-03.A3L	Test Dates: 10/23/2018 - 1/18/2019	EUT Type: Portable Handset		Page 93 of 391



Plot 7-153. Occupied Bandwidth Plot (Band 41 PC2 - 10.0MHz QPSK - Full RB Configuration)



Plot 7-154. Occupied Bandwidth Plot (Band 41 PC2 - 10.0MHz 16-QAM - Full RB Configuration)

FCC ID: A3LSMG970U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1810250193-03.A3L	Test Dates: 10/23/2018 - 1/18/2019	EUT Type: Portable Handset		Page 94 of 391