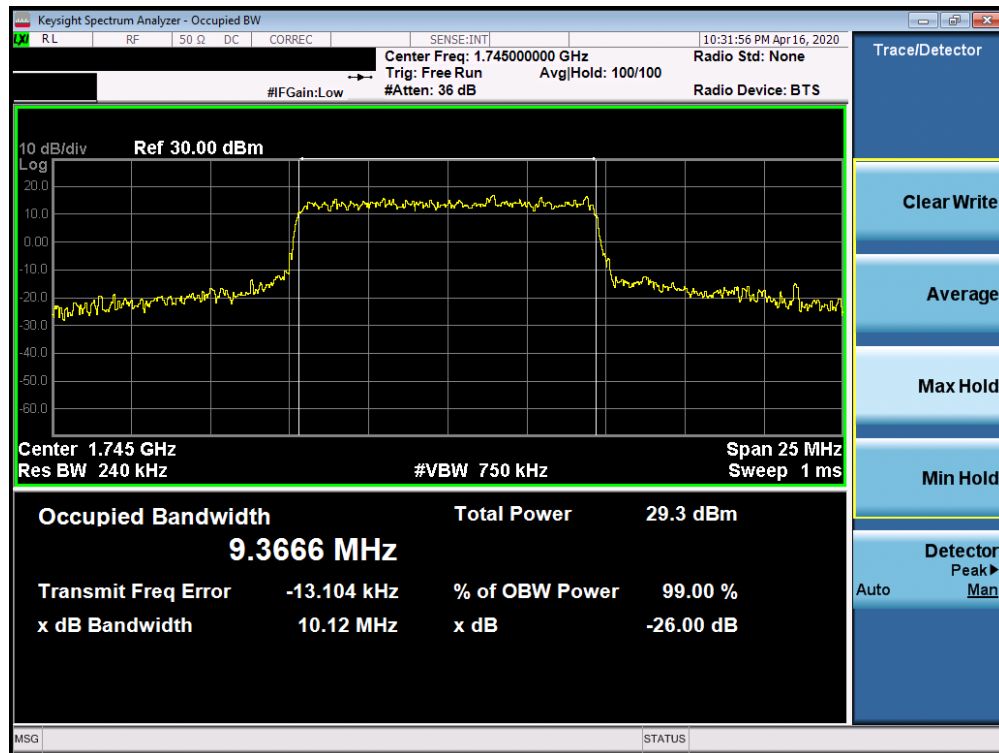
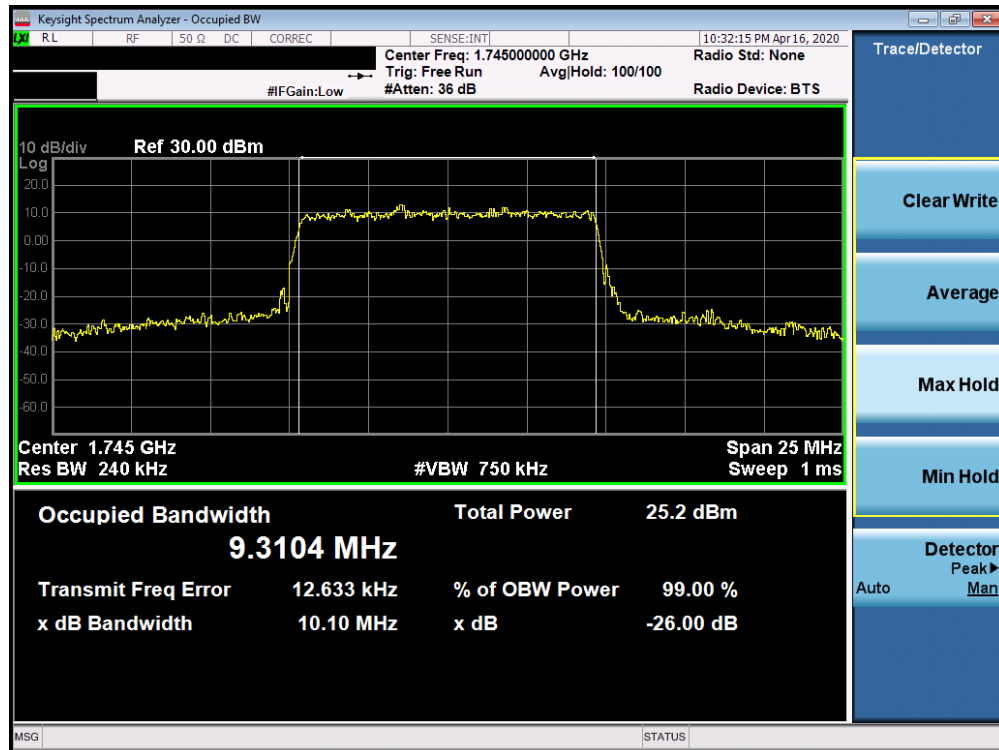


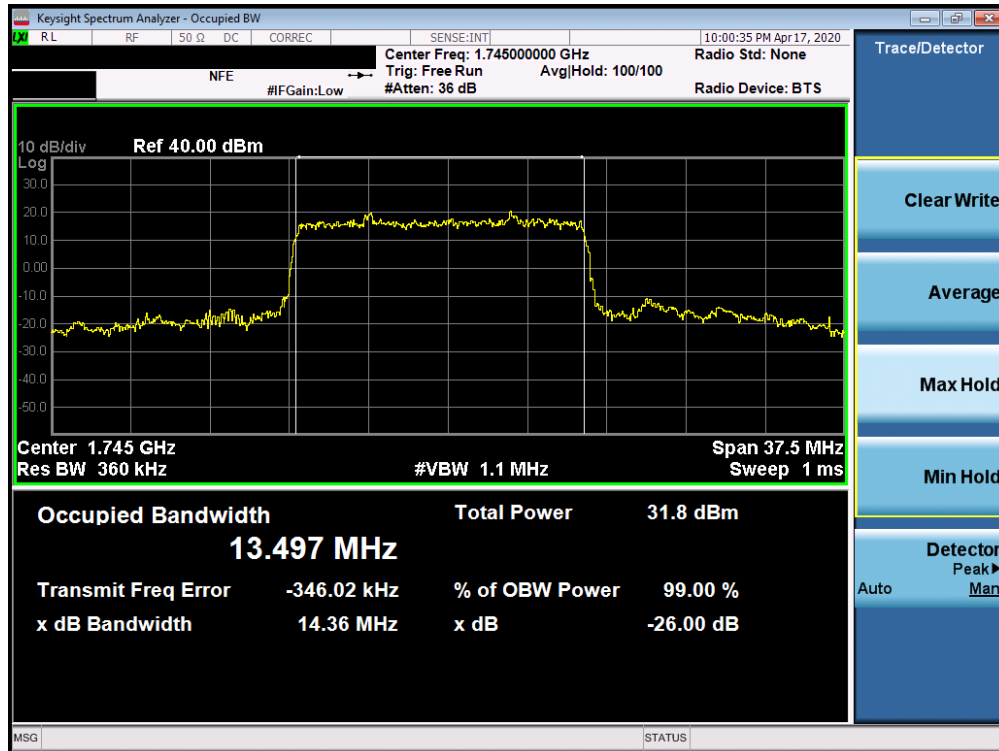


Plot 7-112. Occupied Bandwidth Plot (n66 10MHz 64QAM-CP-OFDM- Full RB Configuration)

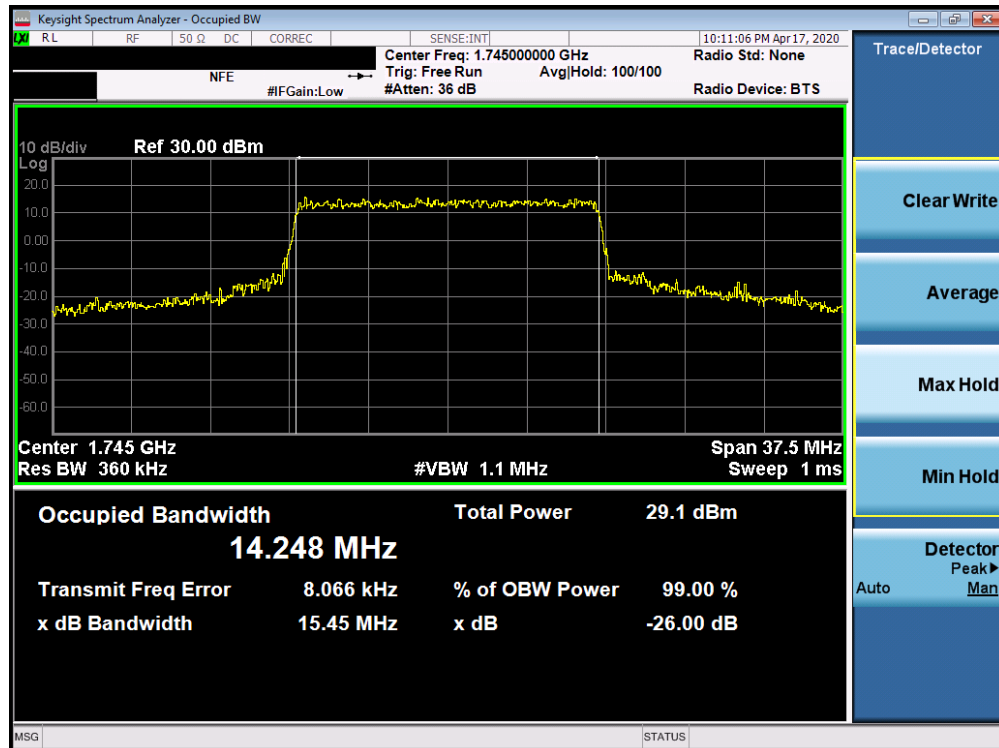


Plot 7-113. Occupied Bandwidth Plot (n66 10MHz 256QAM-CP-OFDM - Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 75 of 420

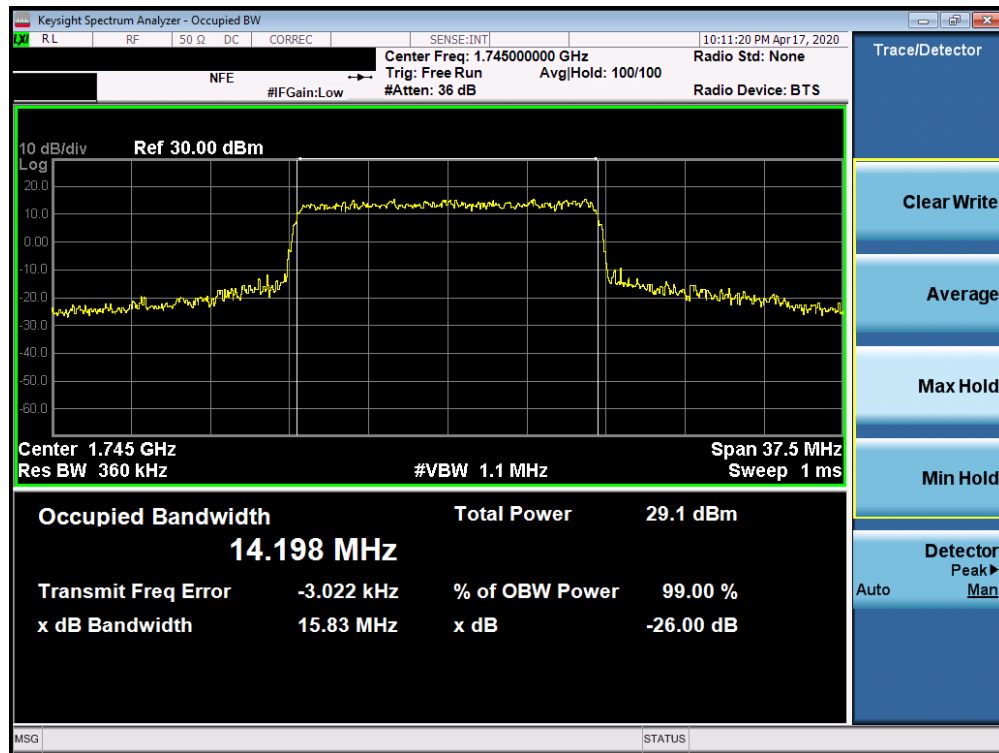


Plot 7-114. Occupied Bandwidth Plot (n66 15MHz BPSK-DFT-s-OFDM - Full RB Configuration)

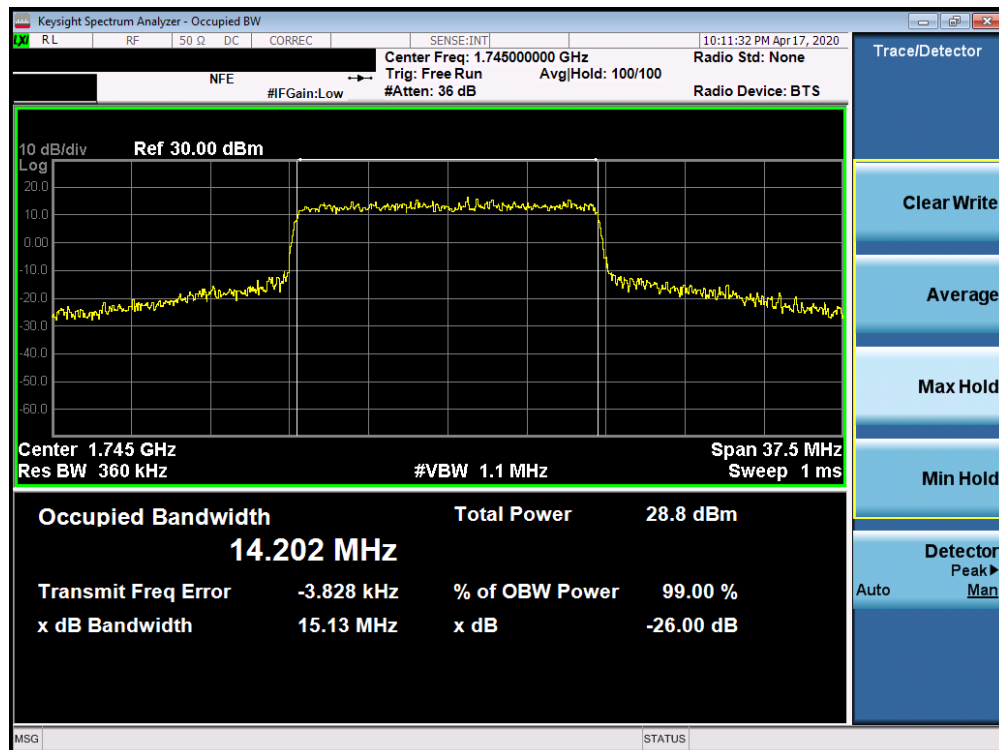


Plot 7-115. Occupied Bandwidth Plot (n66 15MHz QPSK-CP-OFDM - Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 76 of 420

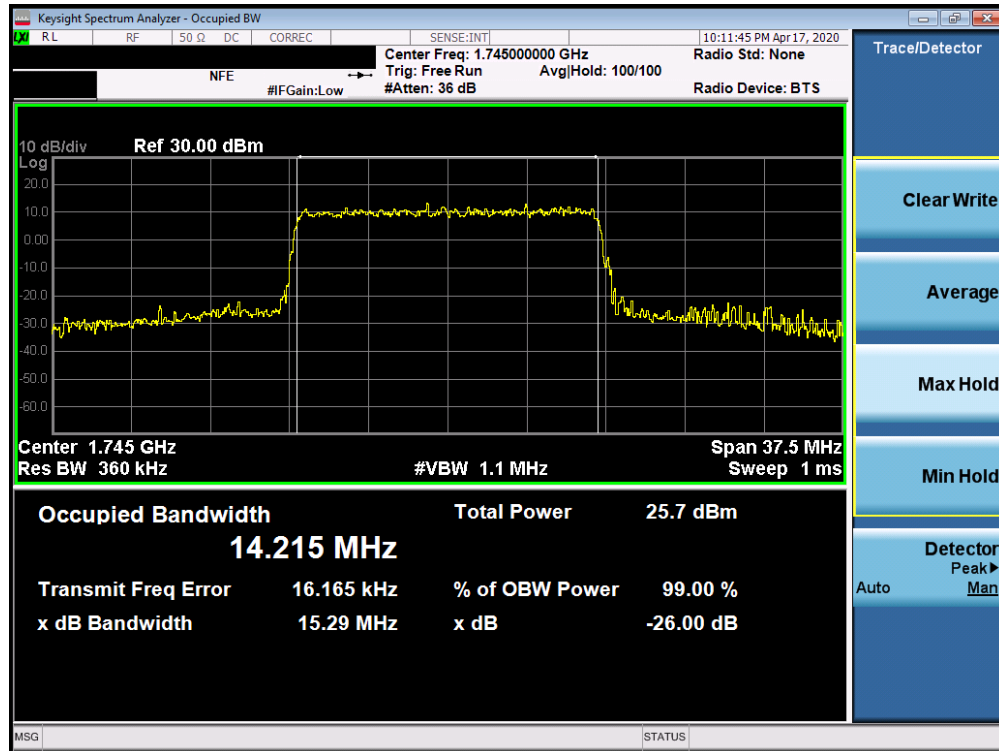


Plot 7-116. Occupied Bandwidth Plot (n66 15MHz 16QAM-CP-OFDM - Full RB Configuration)

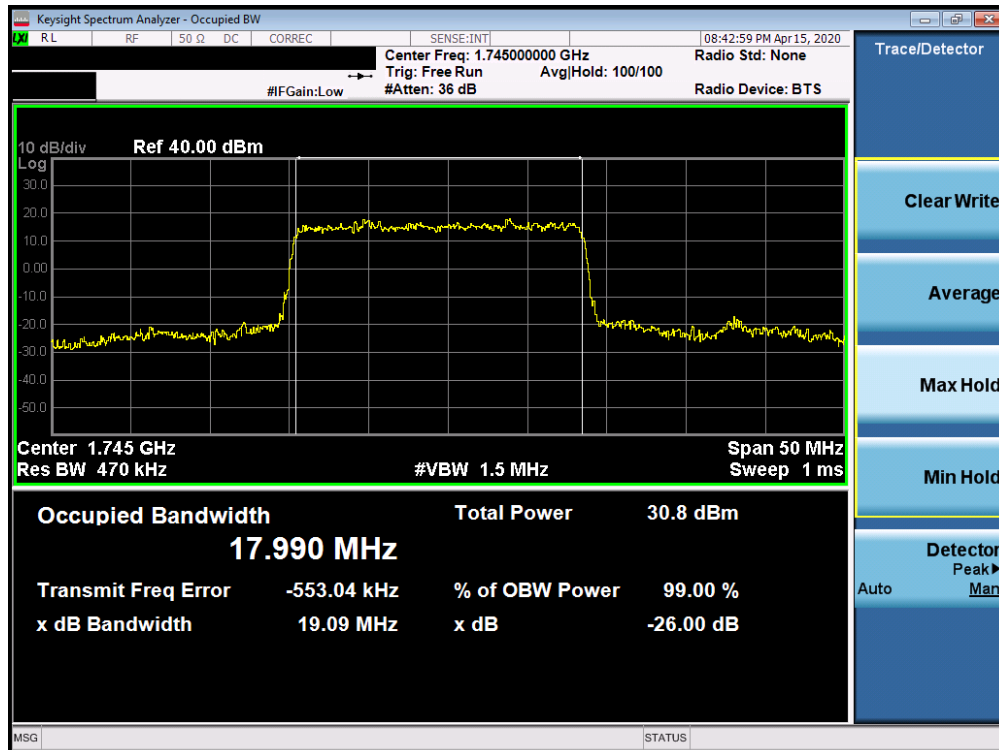


Plot 7-117. Occupied Bandwidth Plot (n66 15MHz 64QAM-CP-OFDM- Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 77 of 420

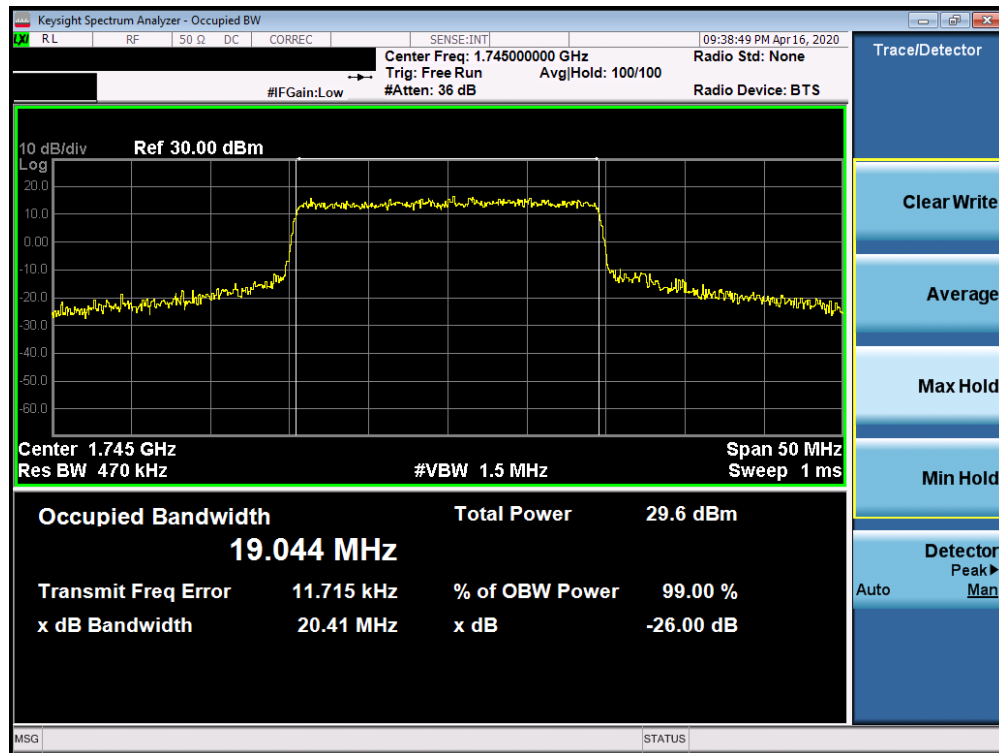


Plot 7-118. Occupied Bandwidth Plot (n66 15MHz 256QAM-CP-OFDM - Full RB Configuration)

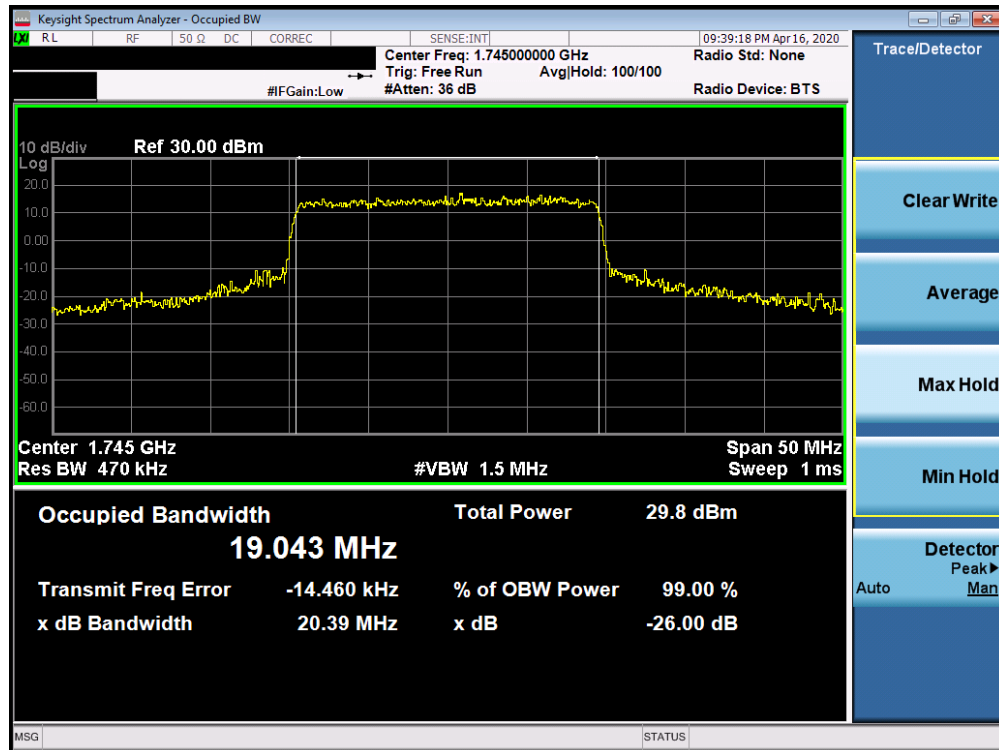


Plot 7-119. Occupied Bandwidth Plot (n66 20MHz BPSK-DFT-s-OFDM - Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 78 of 420

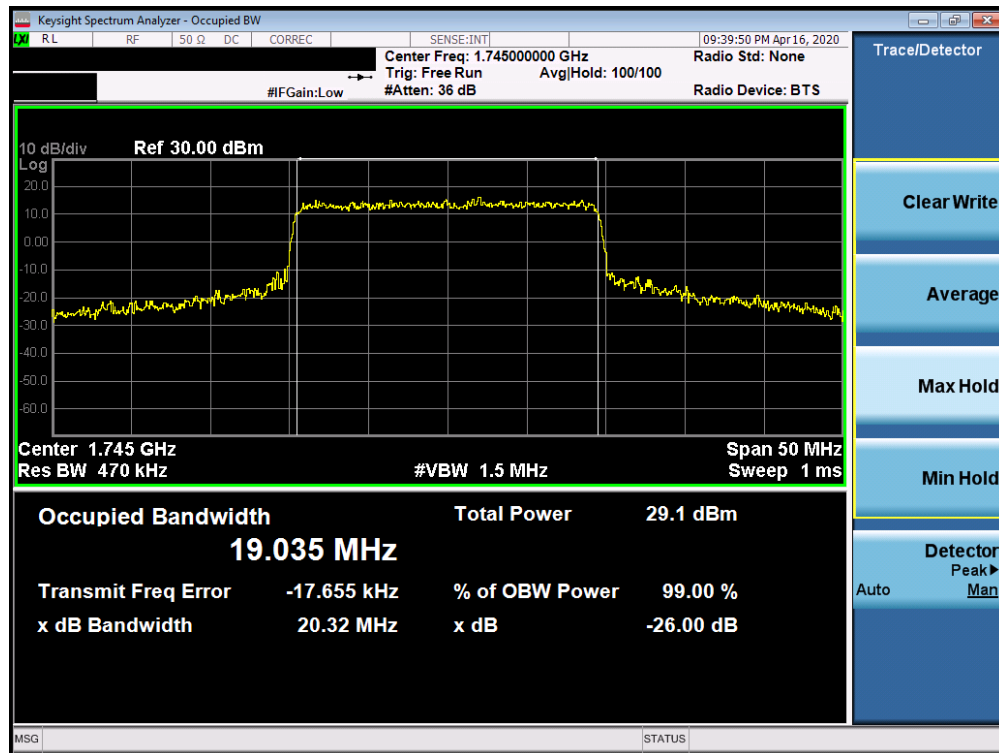


Plot 7-120. Occupied Bandwidth Plot (n66 20MHz QPSK-CP-OFDM - Full RB Configuration)

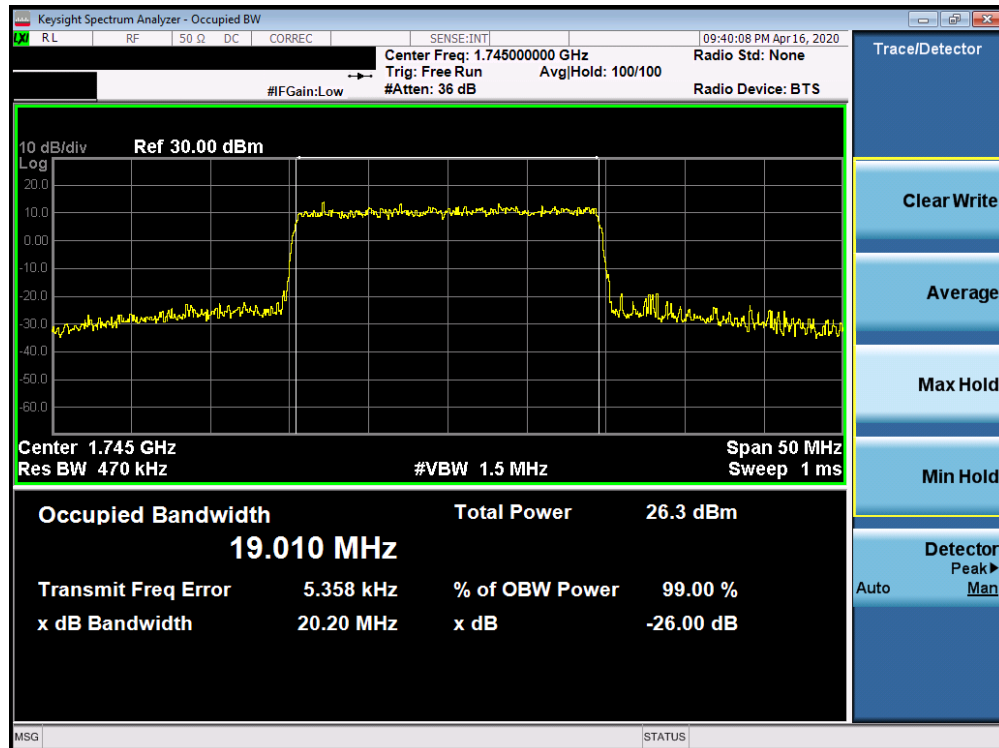


Plot 7-121. Occupied Bandwidth Plot (n66 20MHz 16QAM-CP-OFDM - Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 79 of 420



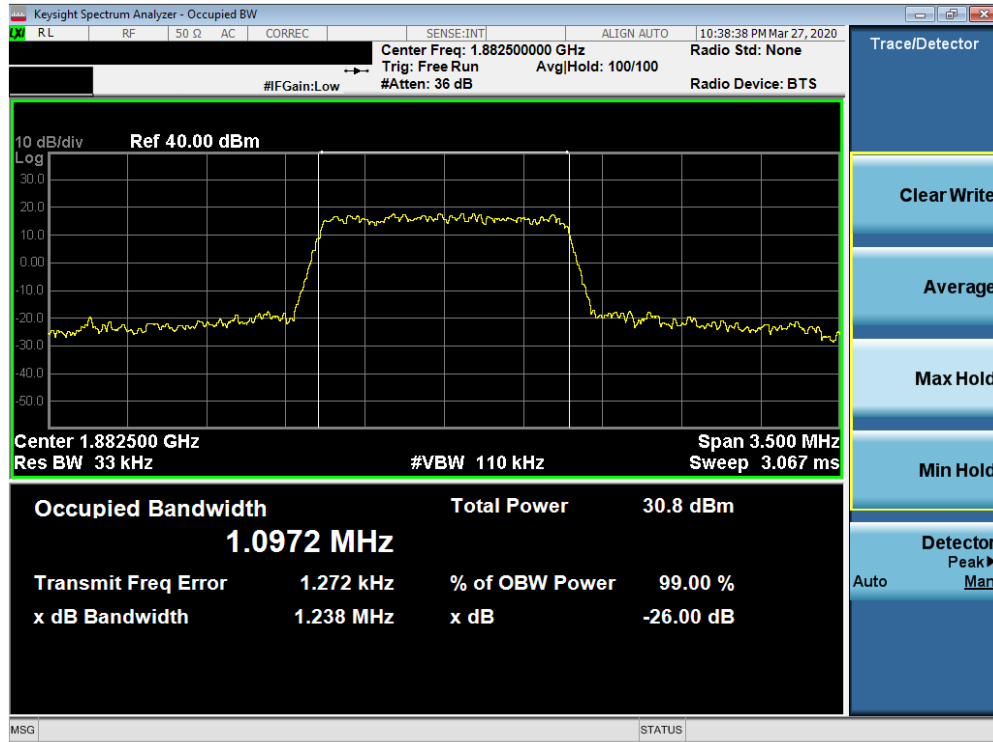
Plot 7-122. Occupied Bandwidth Plot (n66 20MHz 64QAM-CP-OFDM- Full RB Configuration)



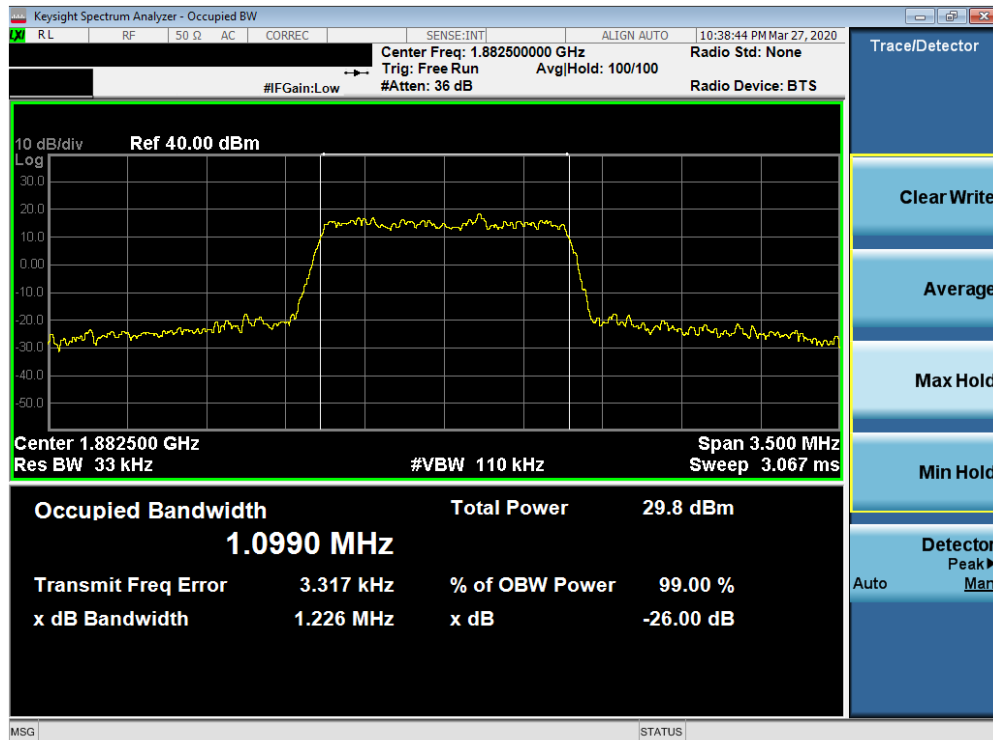
Plot 7-123. Occupied Bandwidth Plot (n66 20MHz 256QAM-CP-OFDM - Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 80 of 420

Band 25/2

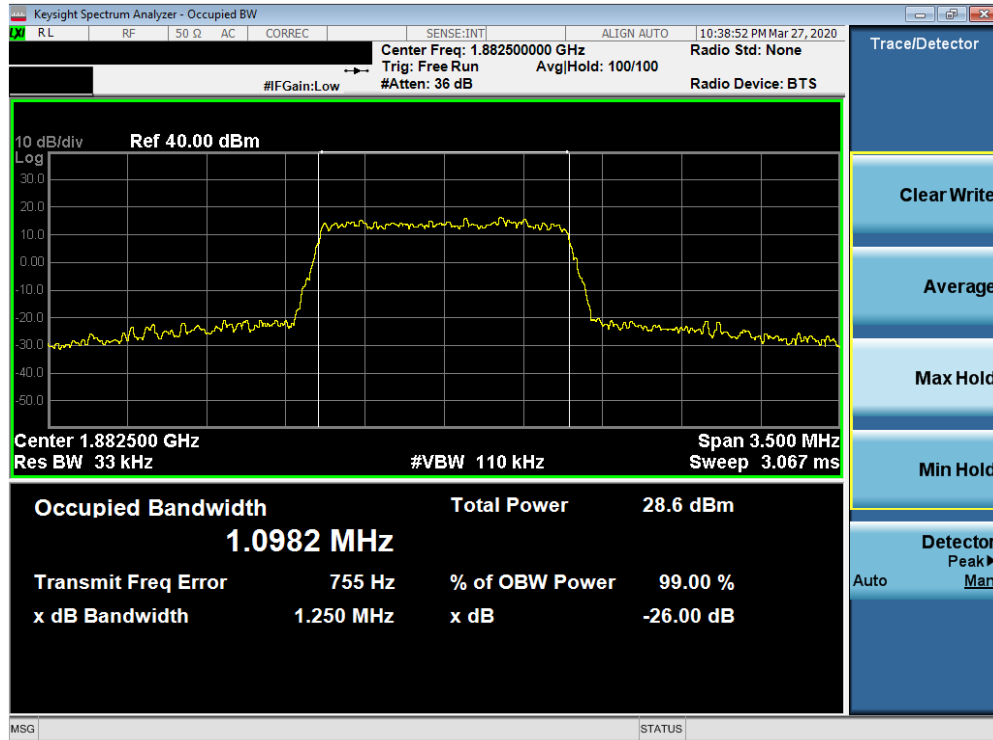


Plot 7-124. Occupied Bandwidth Plot (Band 25/2 - 1.4MHz QPSK - Full RB Configuration)

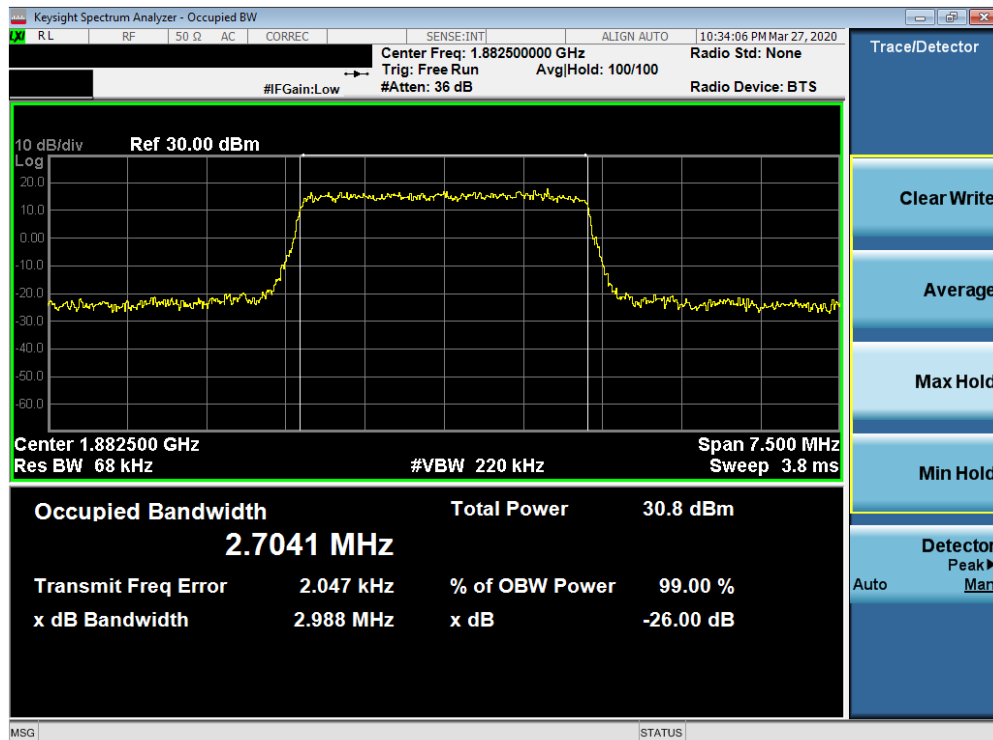


Plot 7-125. Occupied Bandwidth Plot (Band 25/2 - 1.4MHz 16-QAM - Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 81 of 420

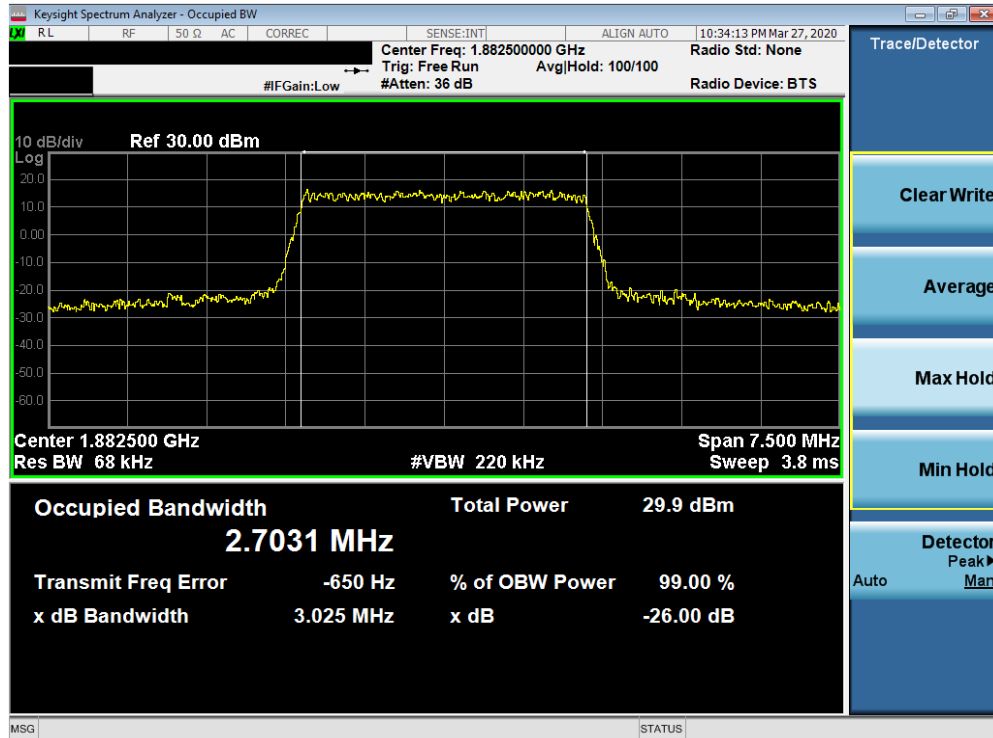


Plot 7-126. Occupied Bandwidth Plot (Band 25/2 - 1.4MHz 64-QAM - Full RB Configuration)

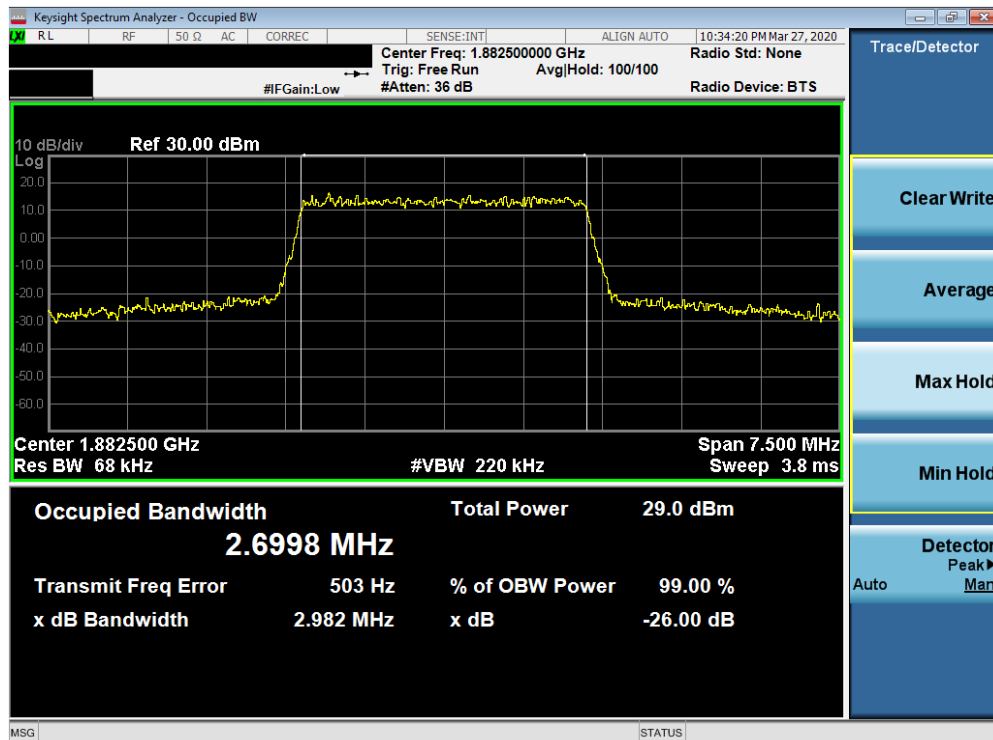


Plot 7-127. Occupied Bandwidth Plot (Band 25/2 - 3.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 82 of 420

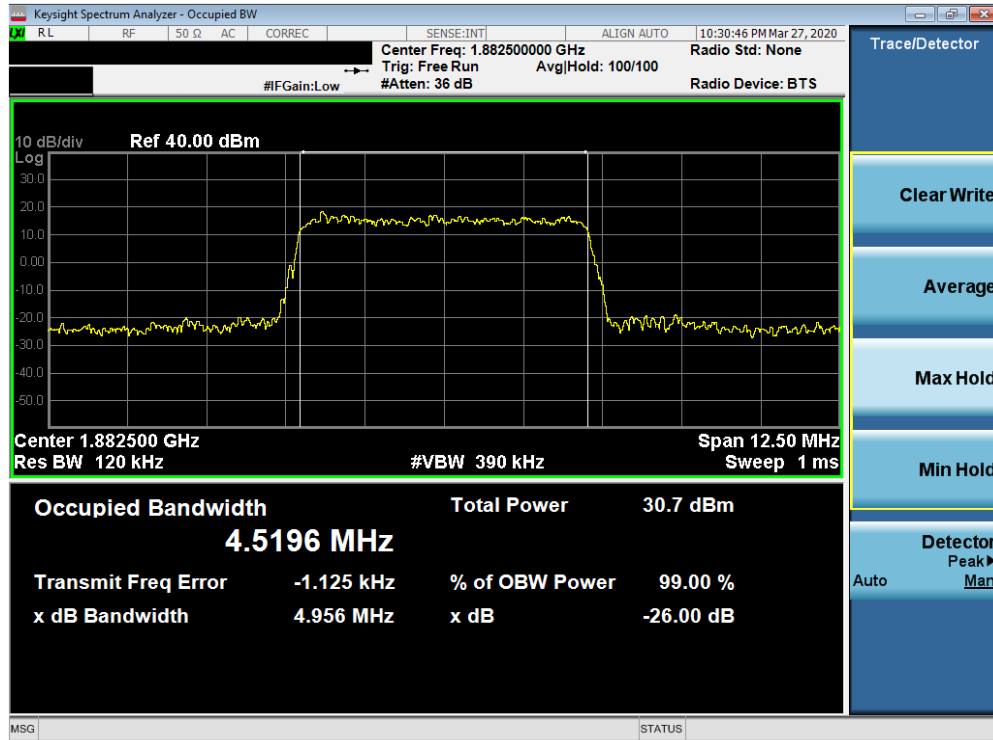


Plot 7-128. Occupied Bandwidth Plot (Band 25/2 - 3.0MHz 16-QAM - Full RB Configuration)

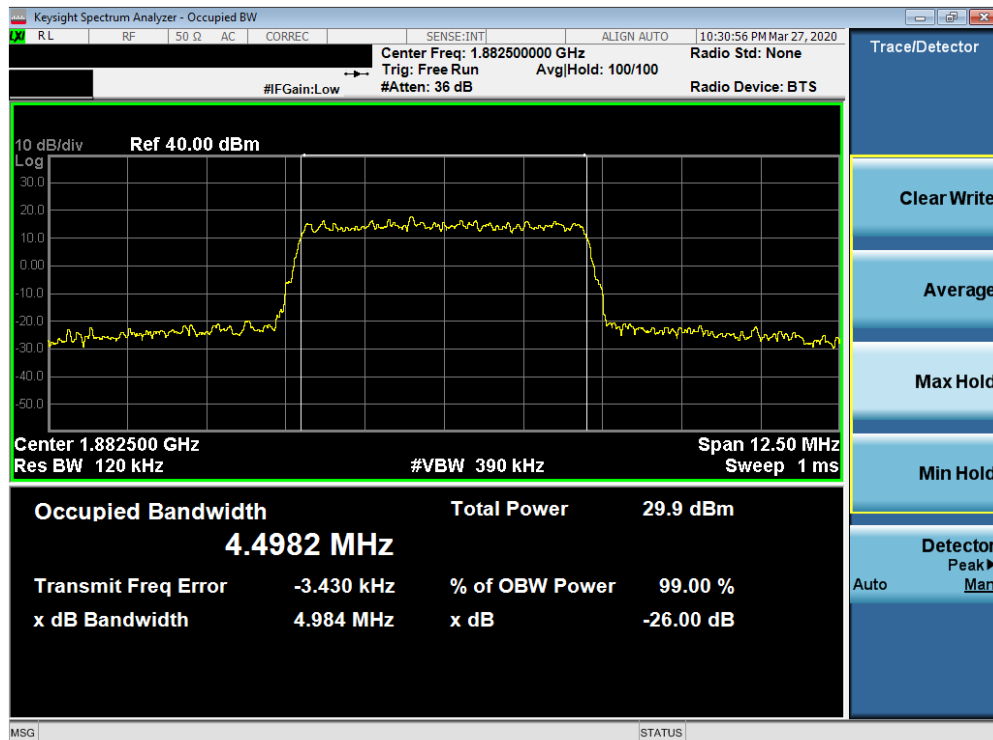


Plot 7-129. Occupied Bandwidth Plot (Band 25/2 - 3.0MHz 64-QAM - Full RB Configuration)

FCC ID: A3LSMA716U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 83 of 420

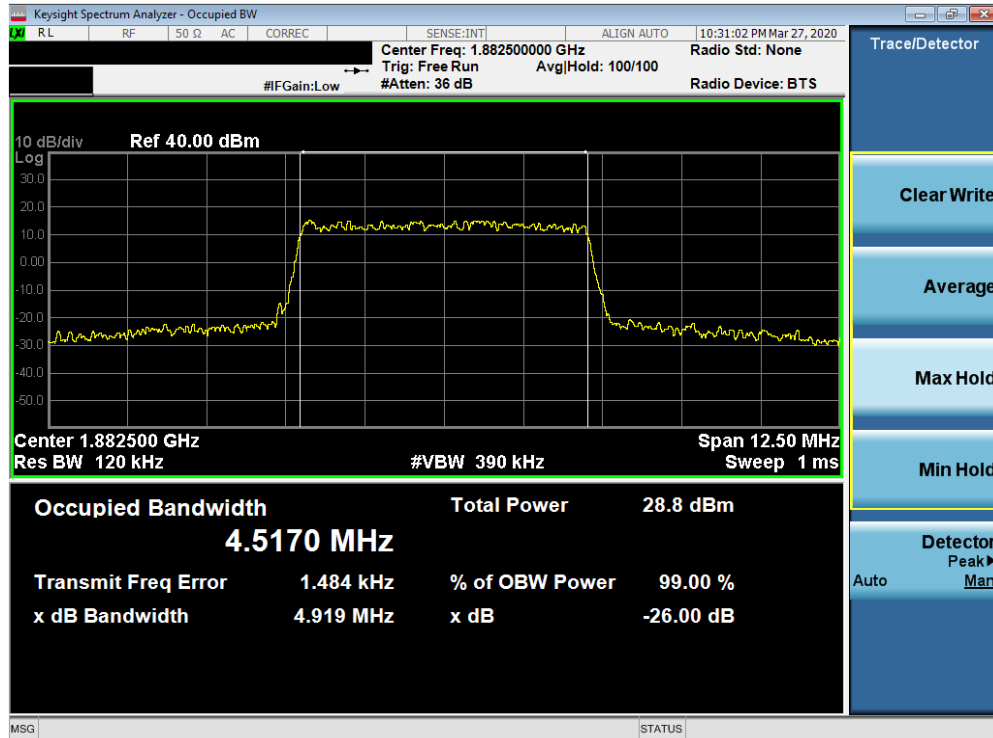


Plot 7-130. Occupied Bandwidth Plot (Band 25/2 - 5.0MHz QPSK - Full RB Configuration)

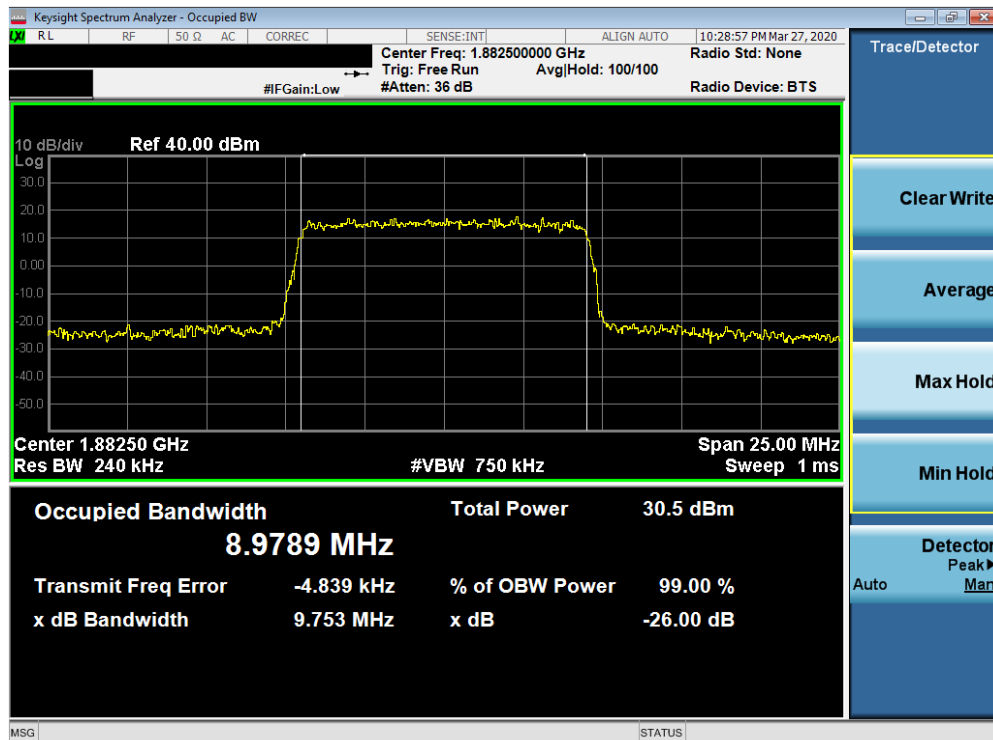


Plot 7-131. Occupied Bandwidth Plot (Band 25/2 - 5.0MHz 16-QAM - Full RB Configuration)

FCC ID: A3LSMA716U	 MEASUREMENT REPORT (CERTIFICATION) 		Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset	Page 84 of 420

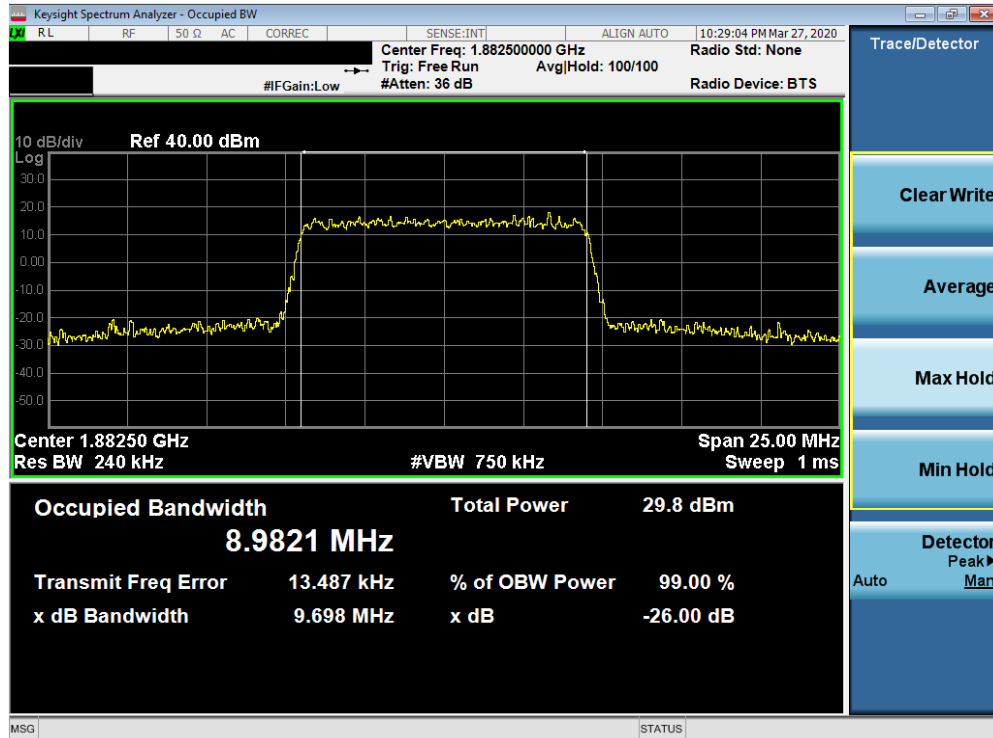


Plot 7-132. Occupied Bandwidth Plot (Band 25/2 - 5.0MHz 64-QAM - Full RB Configuration)

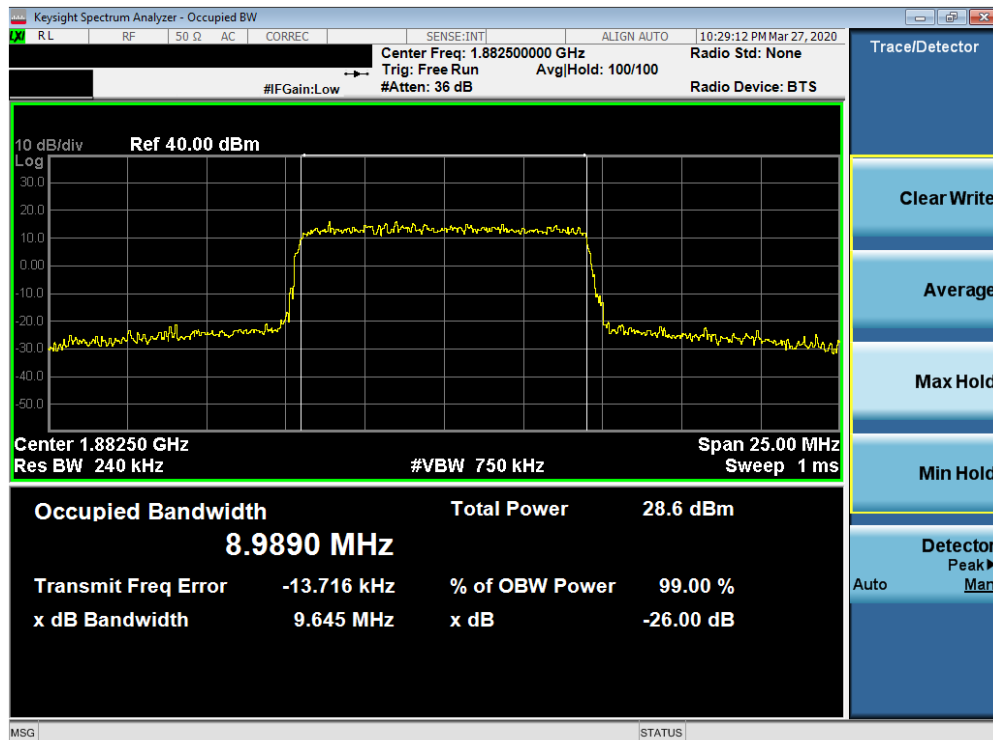


Plot 7-133. Occupied Bandwidth Plot (Band 25/2 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 85 of 420

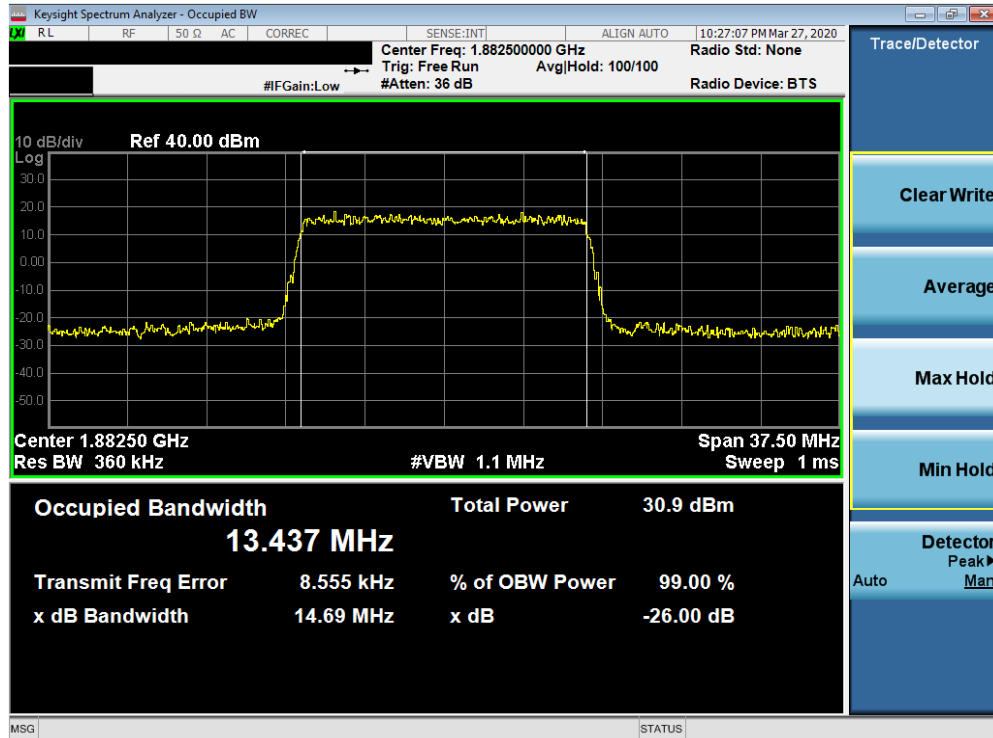


Plot 7-134. Occupied Bandwidth Plot (Band 25/2 - 10.0MHz 16-QAM - Full RB Configuration)

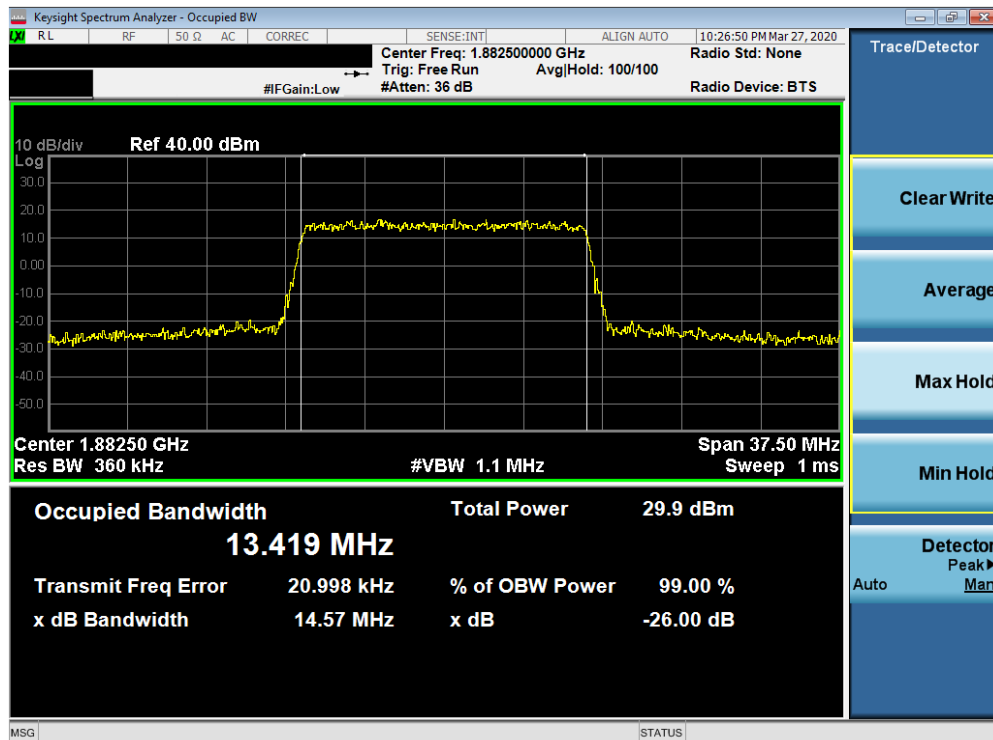


Plot 7-135. Occupied Bandwidth Plot (Band 25/2 - 10.0MHz 64-QAM - Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 86 of 420

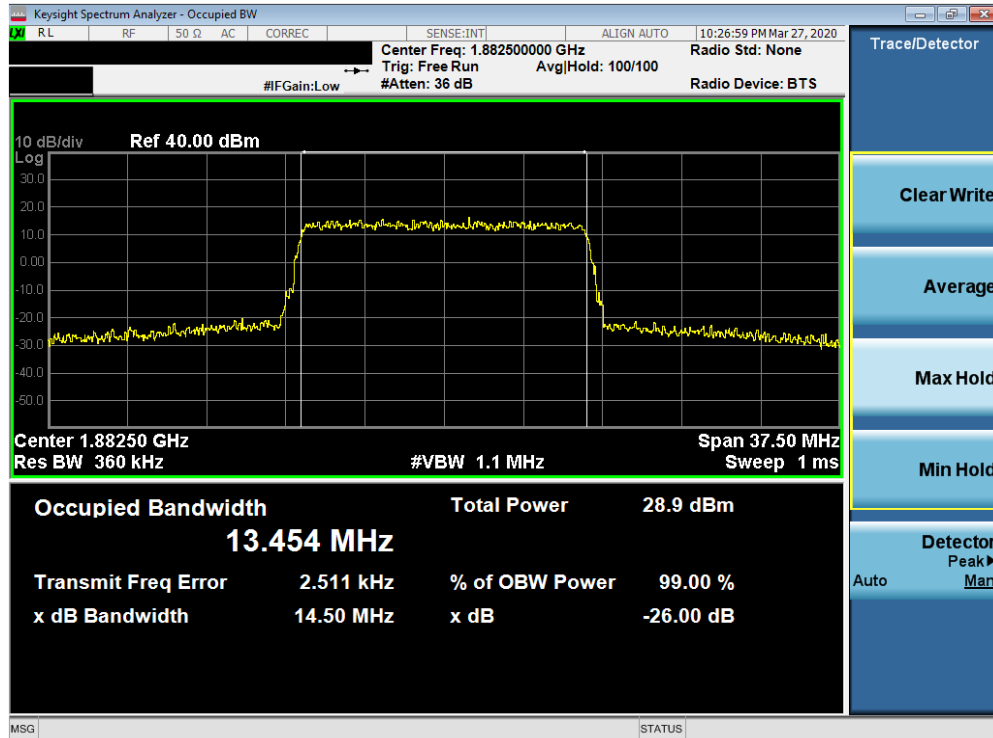


Plot 7-136. Occupied Bandwidth Plot (Band 25/2 - 15.0MHz QPSK - Full RB Configuration)

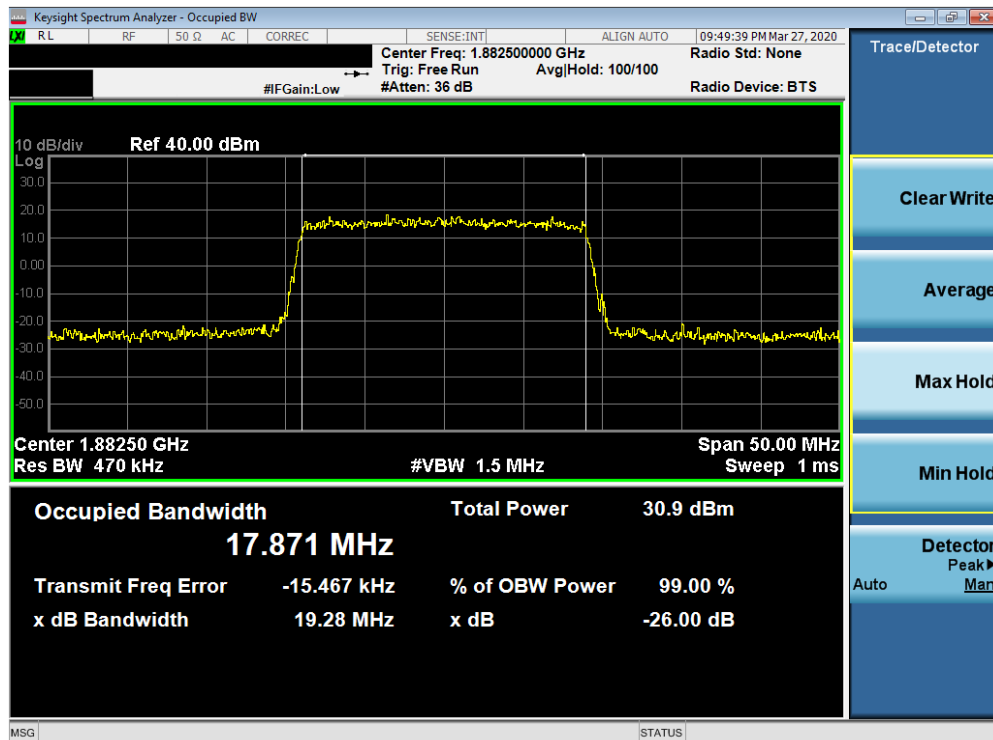


Plot 7-137. Occupied Bandwidth Plot (Band 25/2 - 15.0MHz 16-QAM - Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 87 of 420

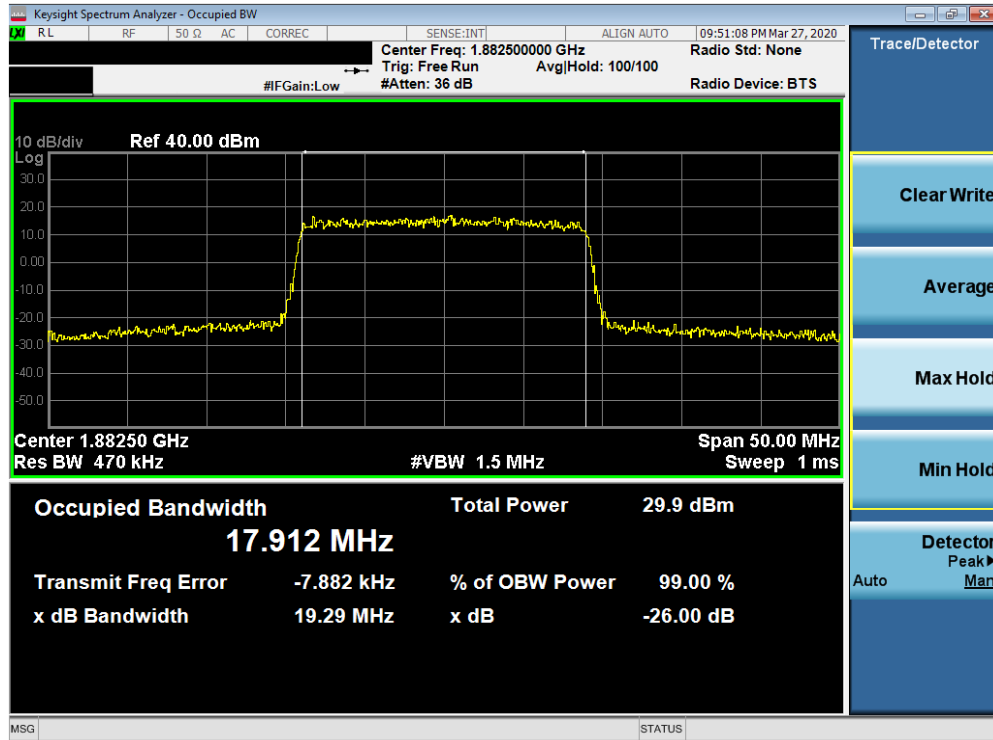


Plot 7-138. Occupied Bandwidth Plot (Band 25/2 - 15.0MHz 64-QAM - Full RB Configuration)

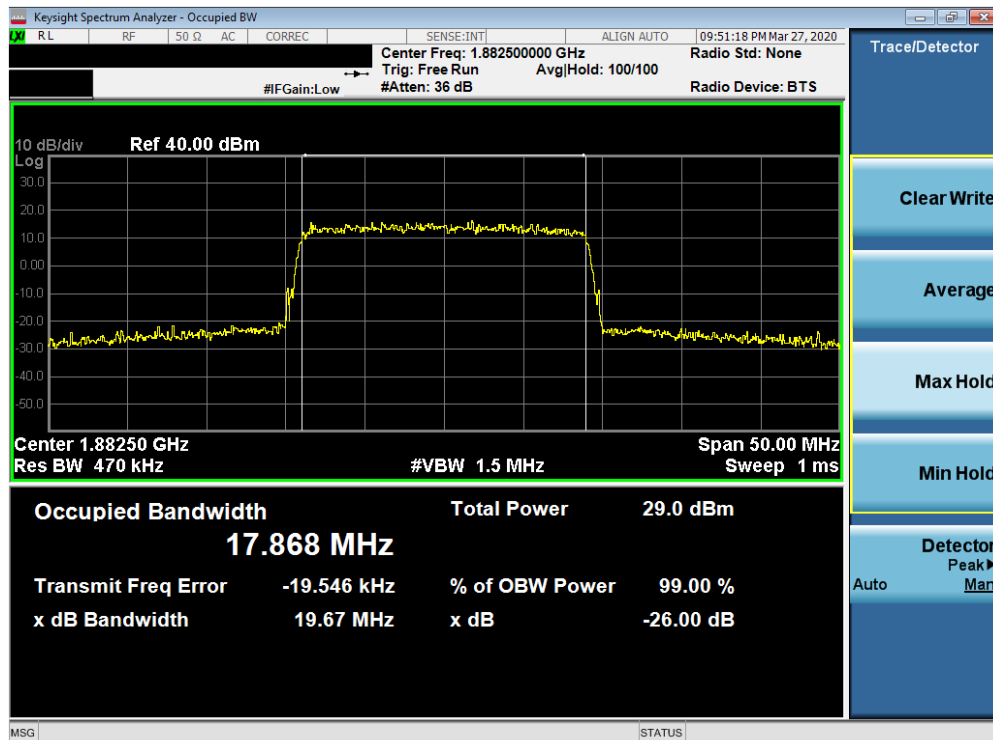


Plot 7-139. Occupied Bandwidth Plot (Band 25/2 - 20.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 88 of 420



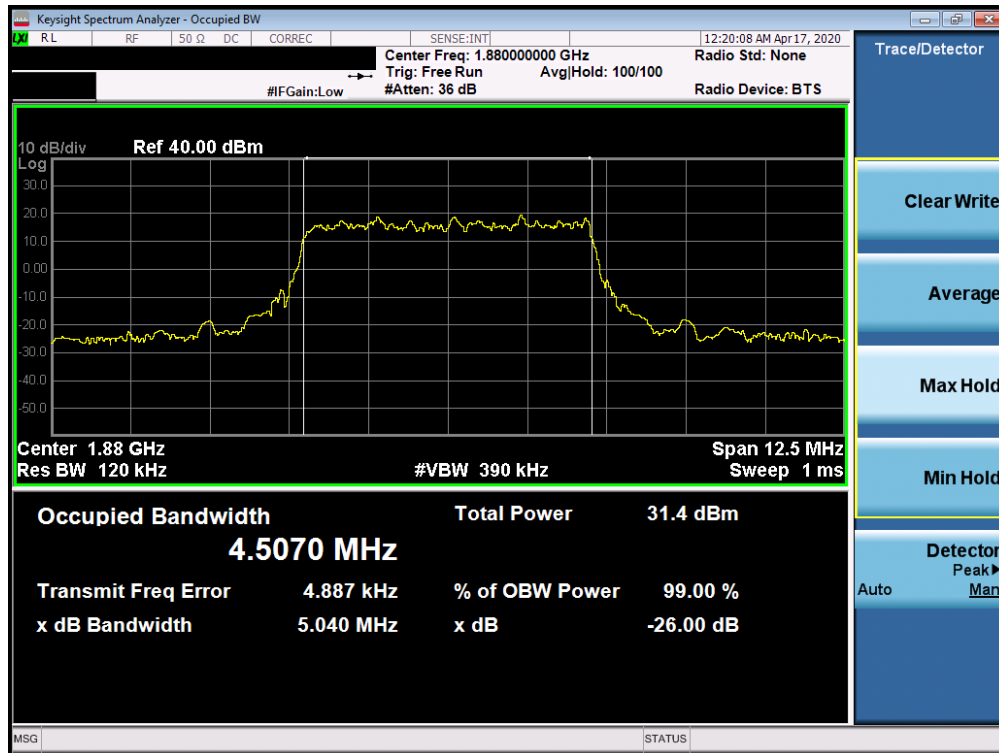
Plot 7-140. Occupied Bandwidth Plot (Band 25/2 - 20.0MHz 16-QAM - Full RB Configuration)



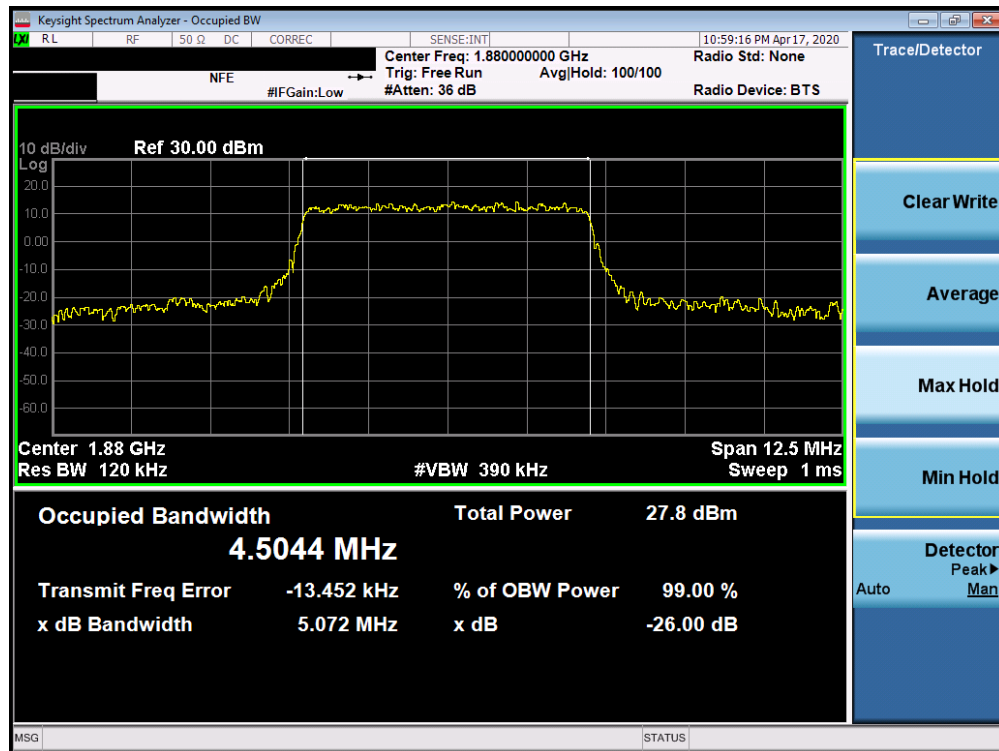
Plot 7-141. Occupied Bandwidth Plot (Band 25/2 - 20.0MHz 64-QAM - Full RB Configuration)

FCC ID: A3LSMA716U	MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 89 of 420

NR Band n2

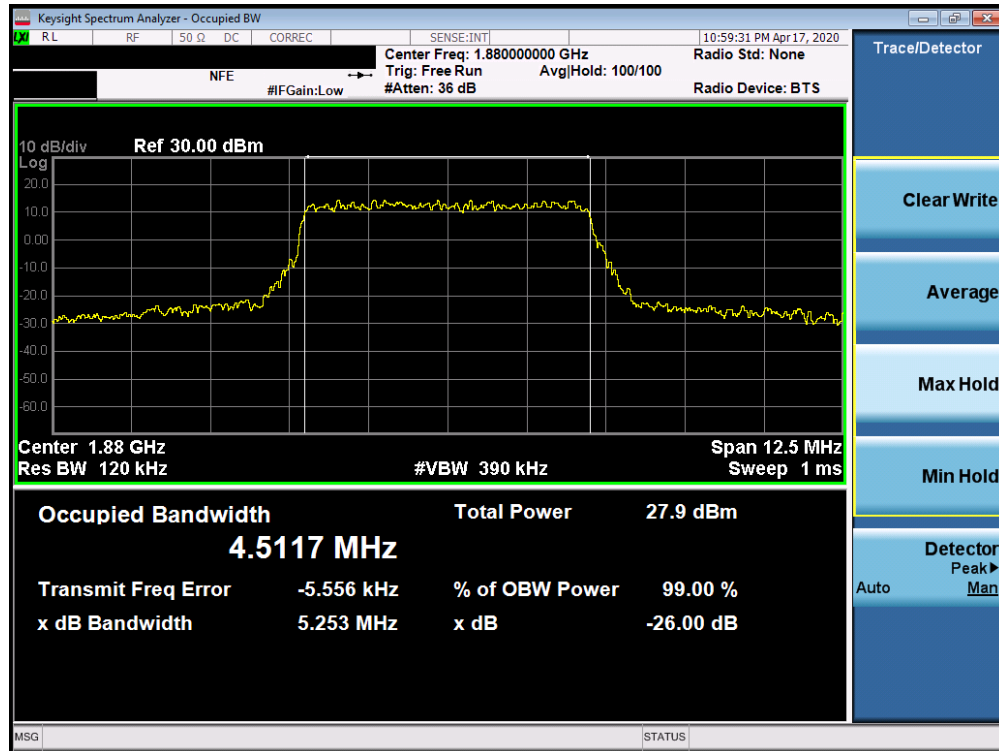


Plot 7-142. Occupied Bandwidth Plot (n2 5MHz BPSK-DFT-s-OFDM - Full RB Configuration)

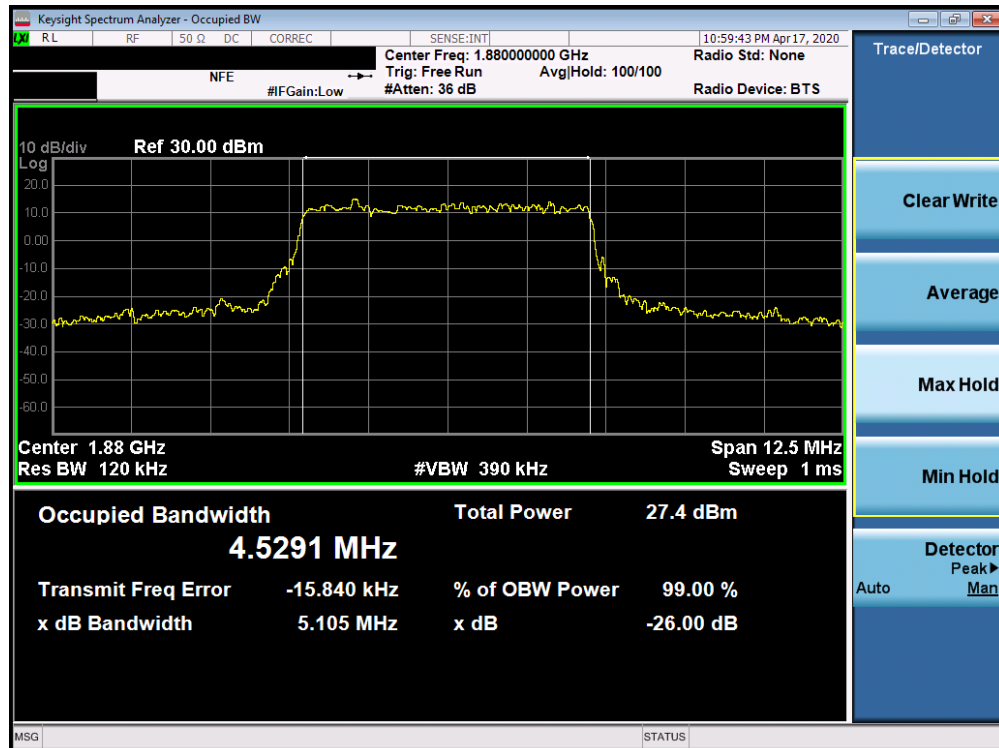


Plot 7-143. Occupied Bandwidth Plot (n2 5MHz QPSK-CP-OFDM - Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 90 of 420

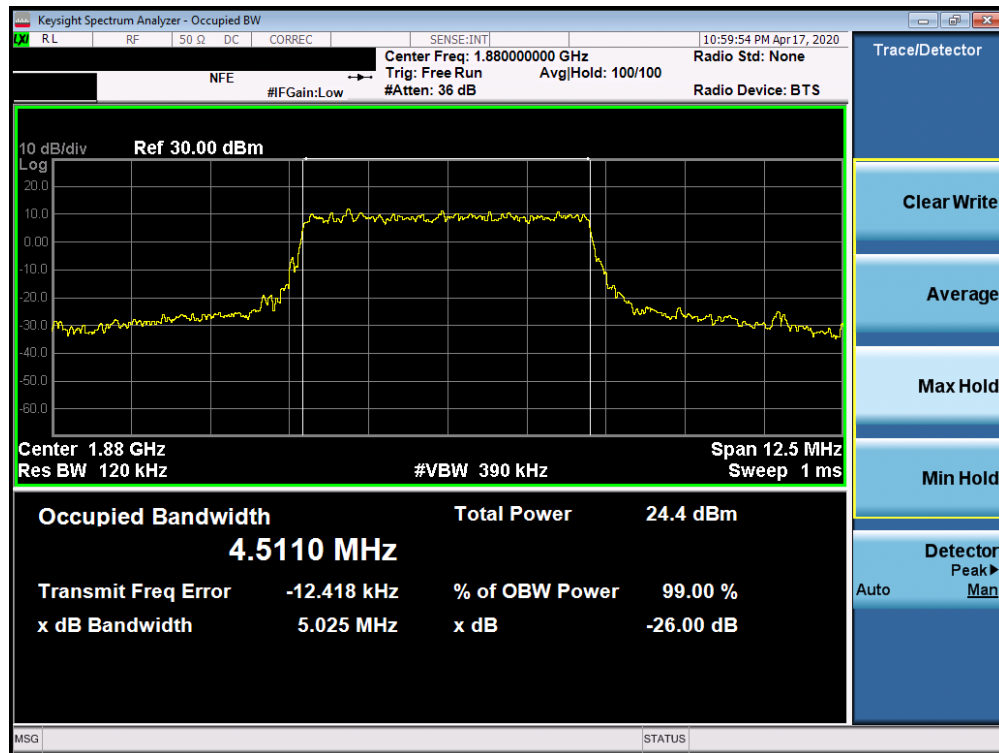


Plot 7-144. Occupied Bandwidth Plot (n2 5MHz 16QAM-CP-OFDM - Full RB Configuration)

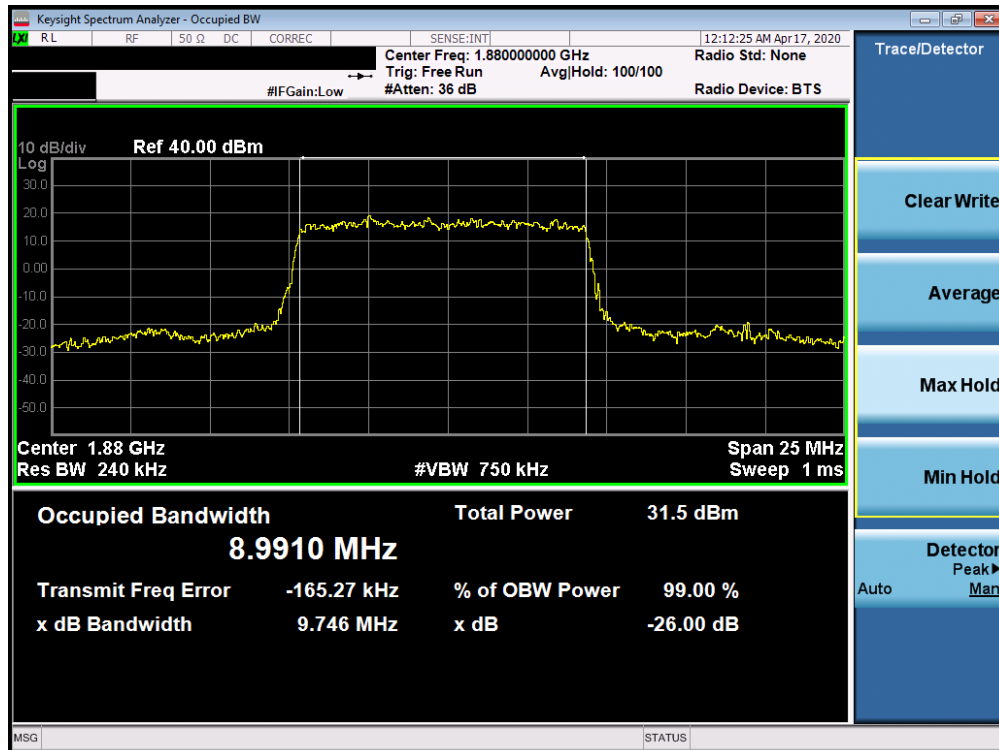


Plot 7-145. Occupied Bandwidth Plot (n2 5MHz 64QAM-CP-OFDM- Full RB Configuration)

FCC ID: A3LSMA716U	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 91 of 420

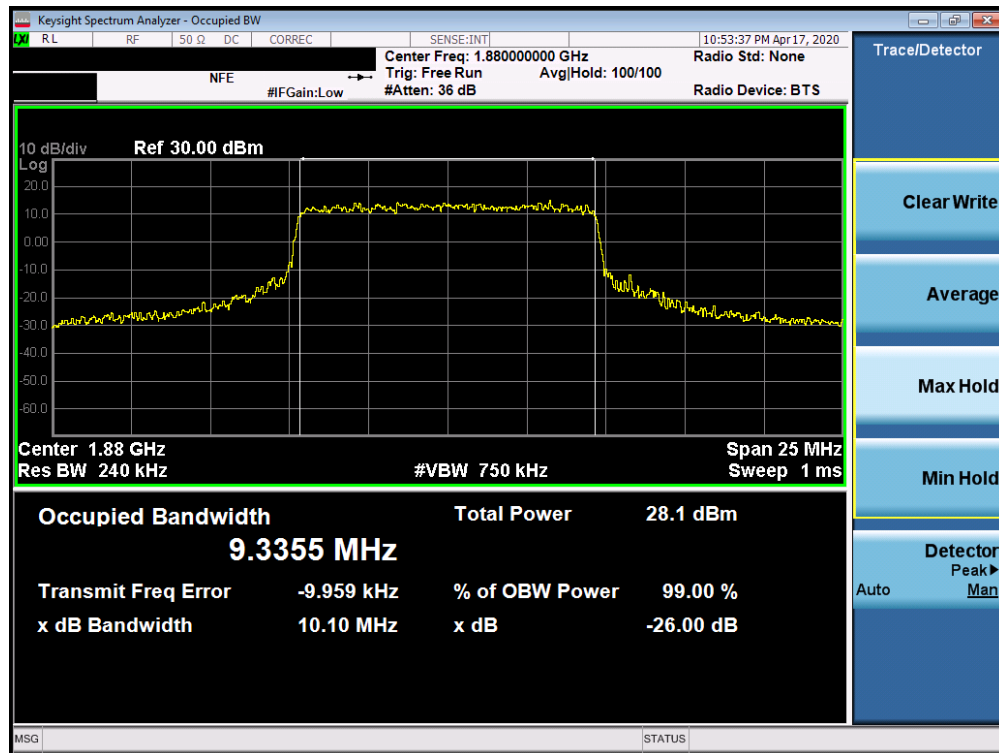


Plot 7-146. Occupied Bandwidth Plot (n2 5MHz 256QAM-CP-OFDM- Full RB Configuration)

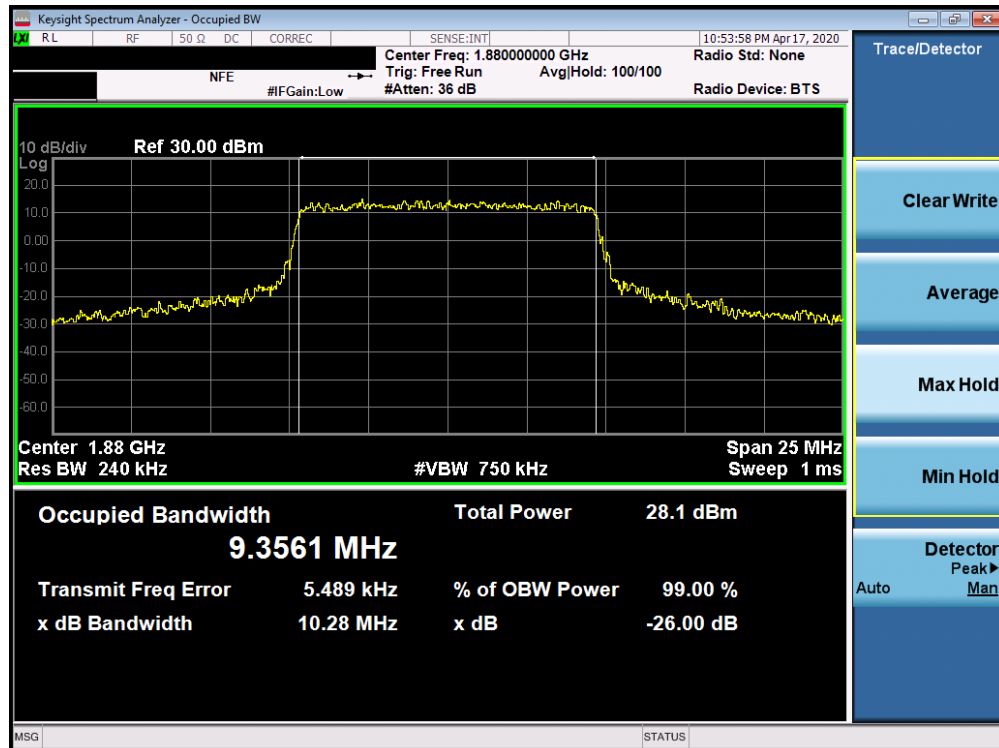


Plot 7-147. Occupied Bandwidth Plot (n2 10MHz BPSK-DFT-s-OFDM - Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 92 of 420

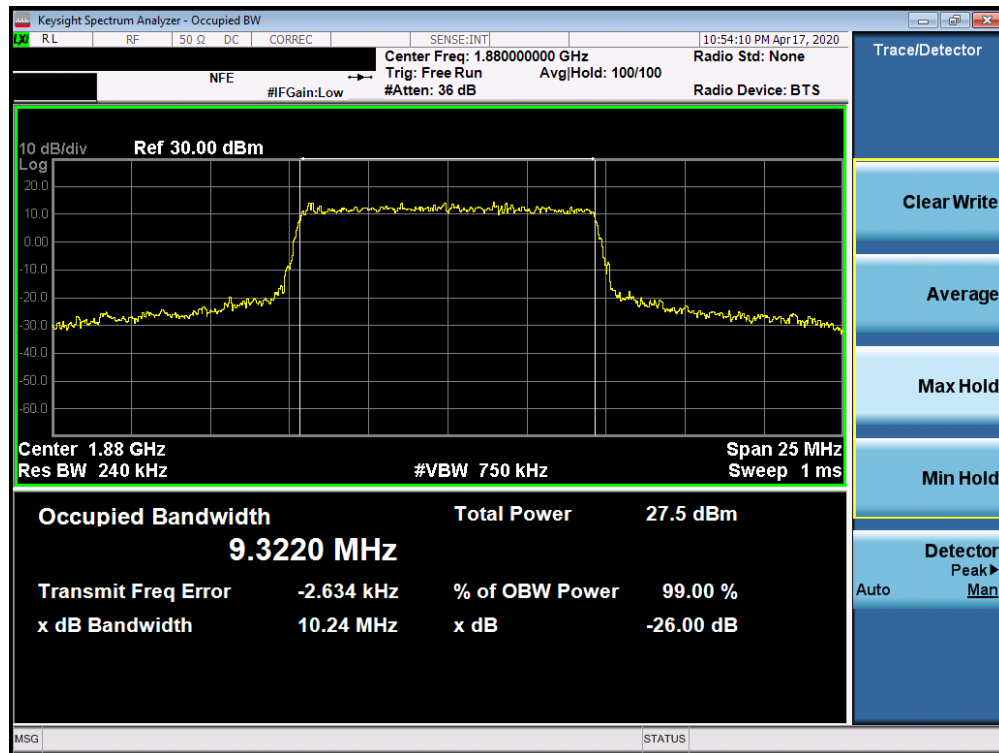


Plot 7-148. Occupied Bandwidth Plot (n2 10MHz QPSK-CP-OFDM - Full RB Configuration)

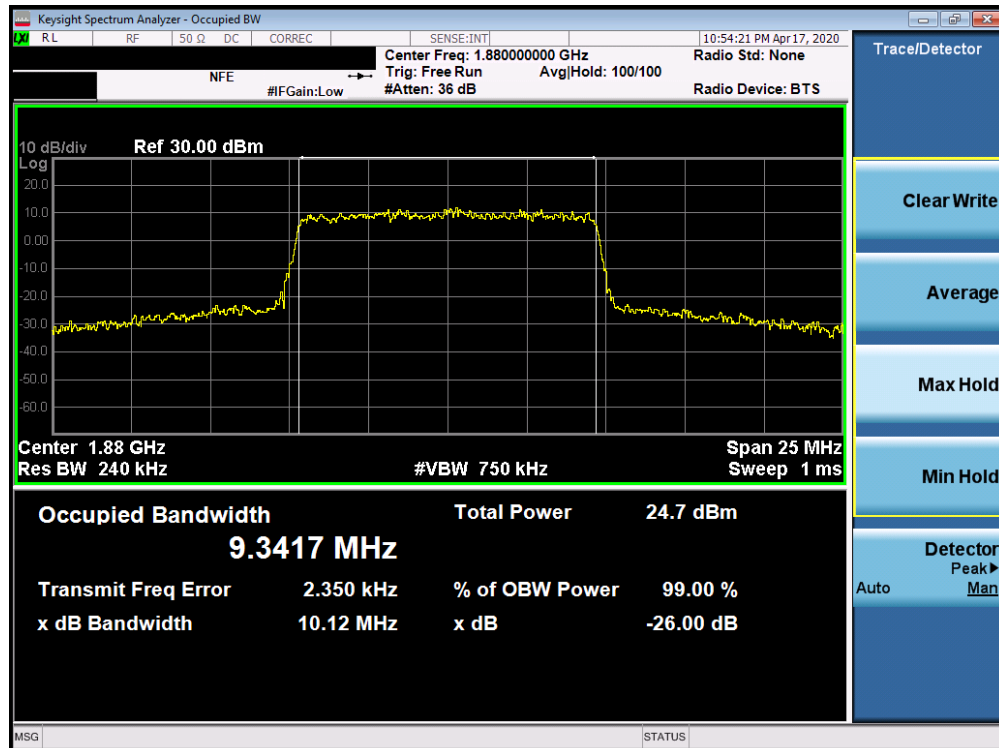


Plot 7-149. Occupied Bandwidth Plot (n2 10MHz 16QAM-CP-OFDM - Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 93 of 420

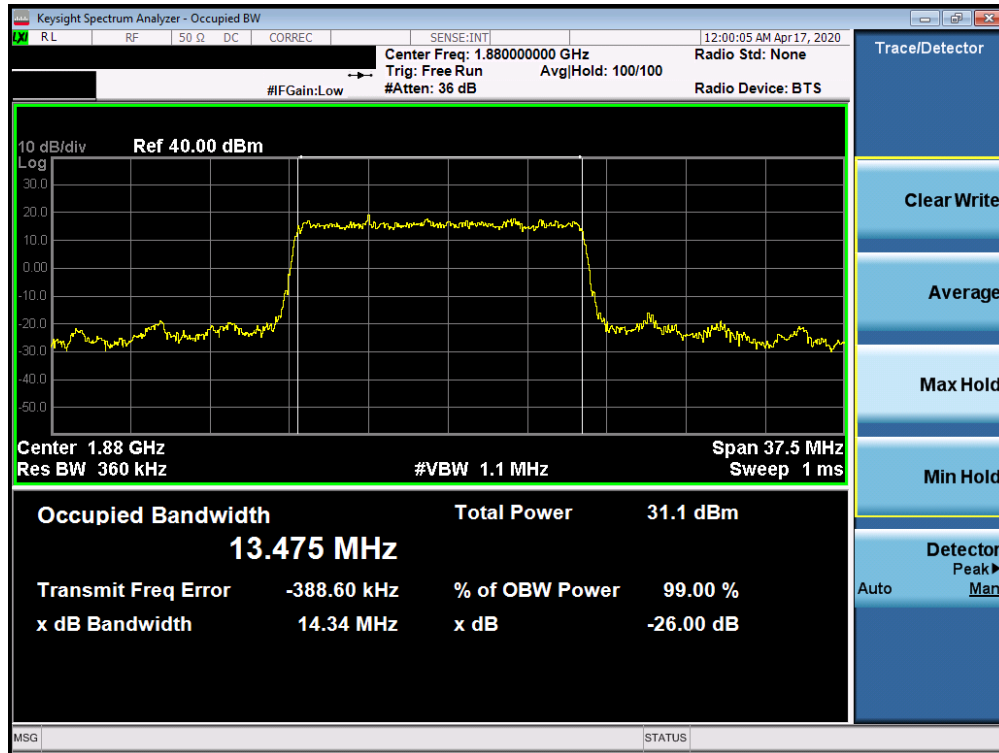


Plot 7-150. Occupied Bandwidth Plot (n2 10MHz 64QAM-CP-OFDM- Full RB Configuration)

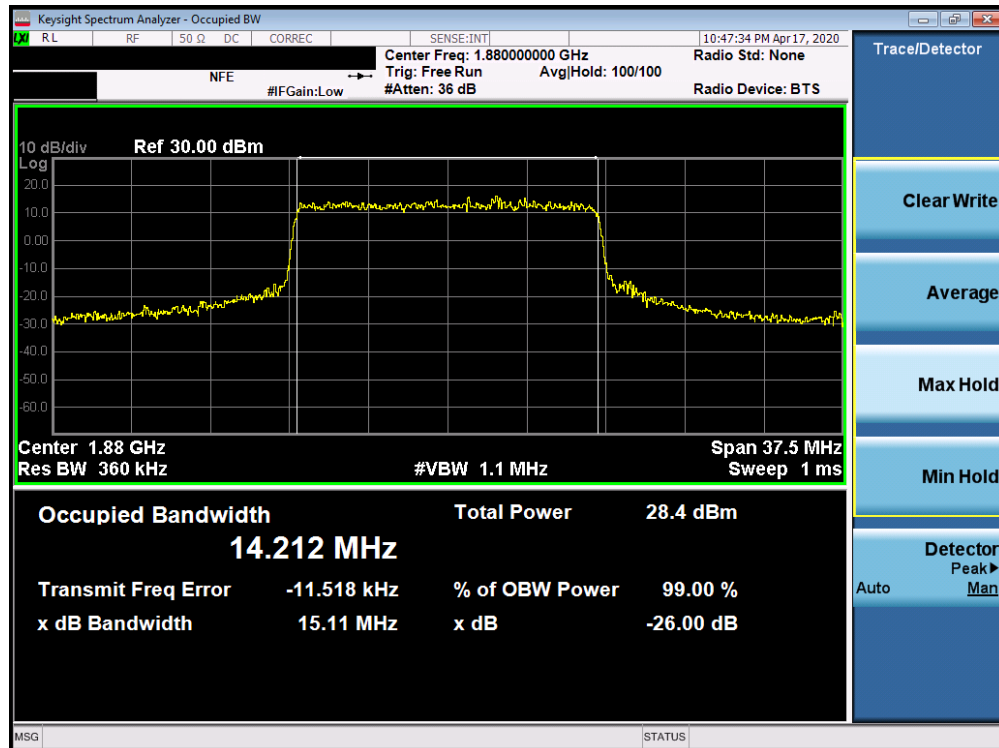


Plot 7-151. Occupied Bandwidth Plot (n2 10MHz 256QAM-CP-OFDM- Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 94 of 420

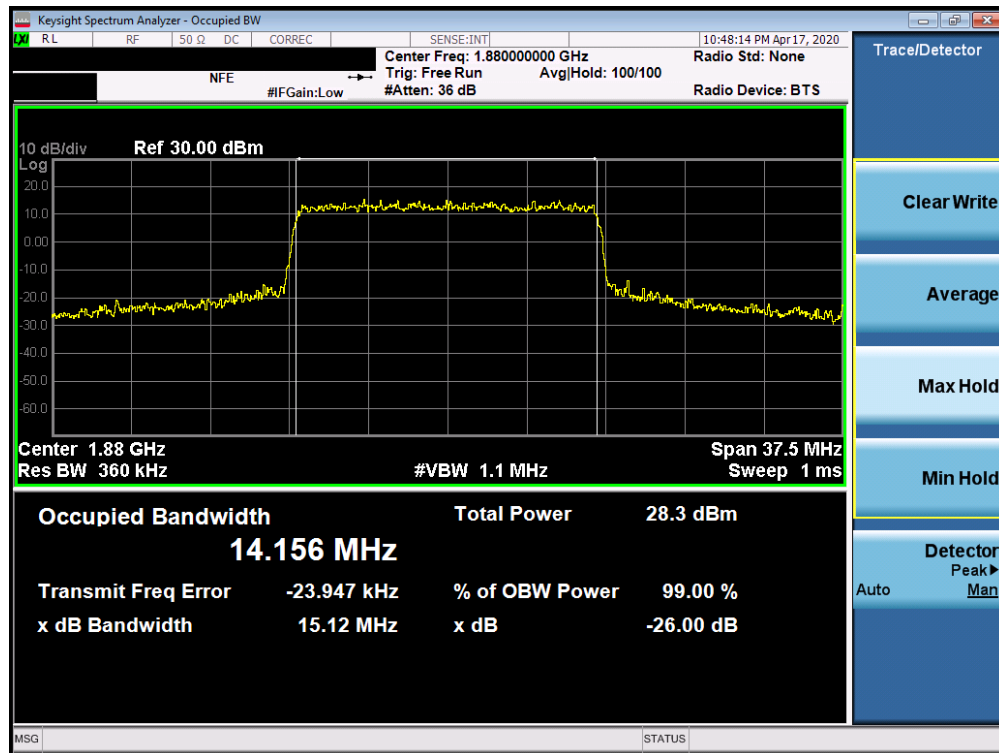


Plot 7-152. Occupied Bandwidth Plot (n2 15MHz BPSK-DFT-s-OFDM - Full RB Configuration)

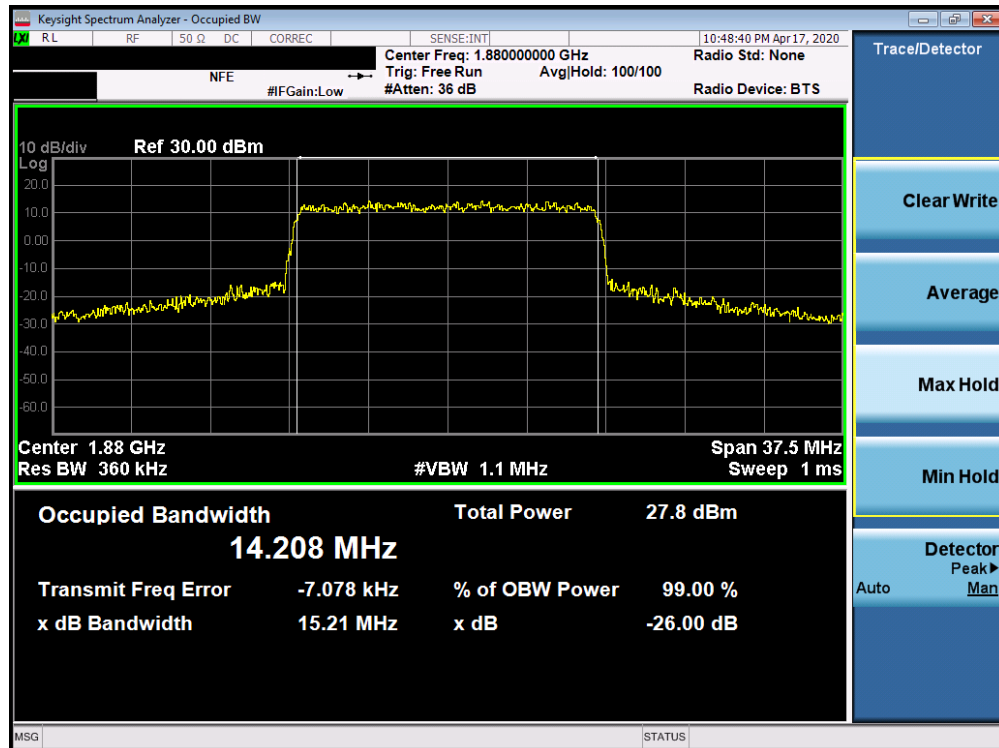


Plot 7-153. Occupied Bandwidth Plot (n2 15MHz QPSK-CP-OFDM - Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 95 of 420

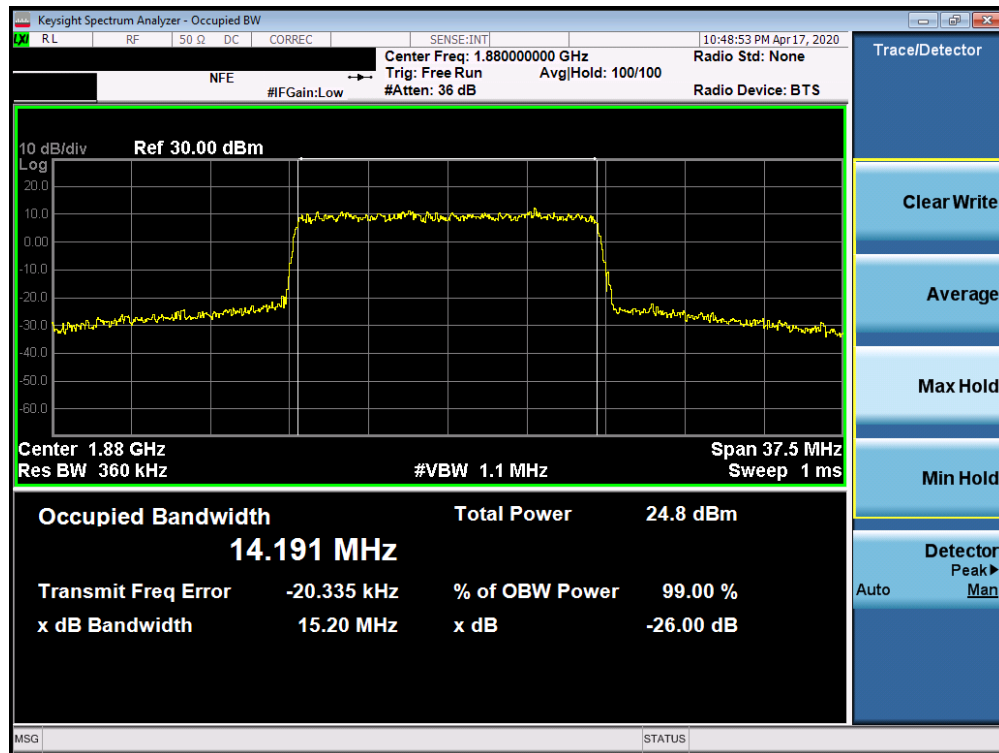


Plot 7-154. Occupied Bandwidth Plot (n2 15MHz 16QAM-CP-OFDM - Full RB Configuration)

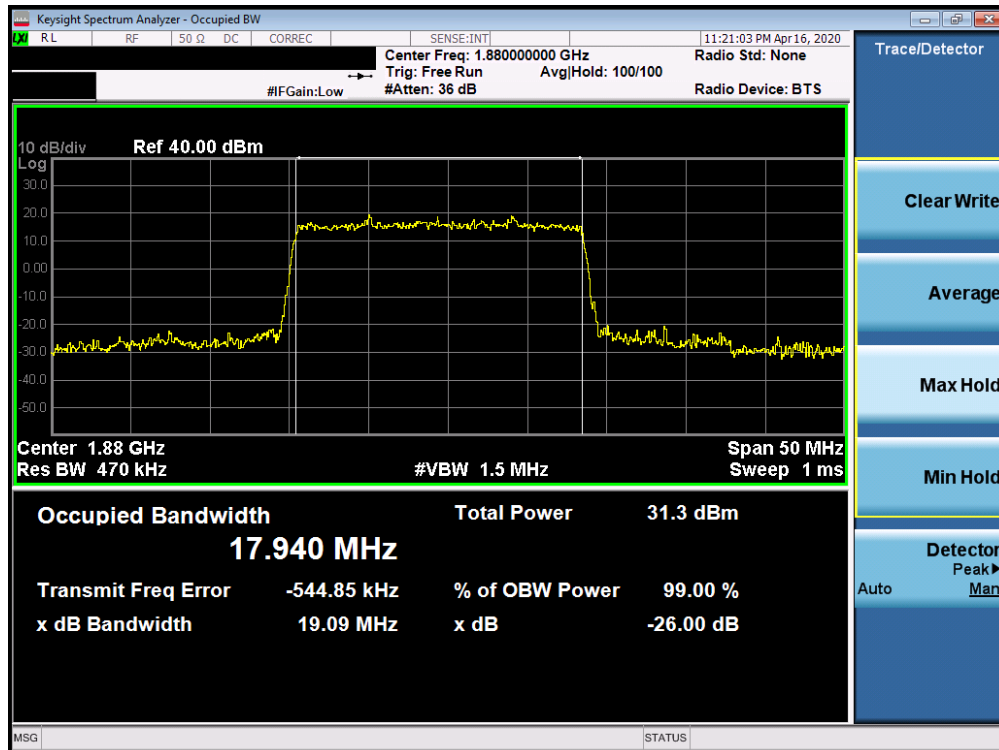


Plot 7-155. Occupied Bandwidth Plot (n2 15MHz 64QAM-CP-OFDM- Full RB Configuration)

FCC ID: A3LSMA716U	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 96 of 420

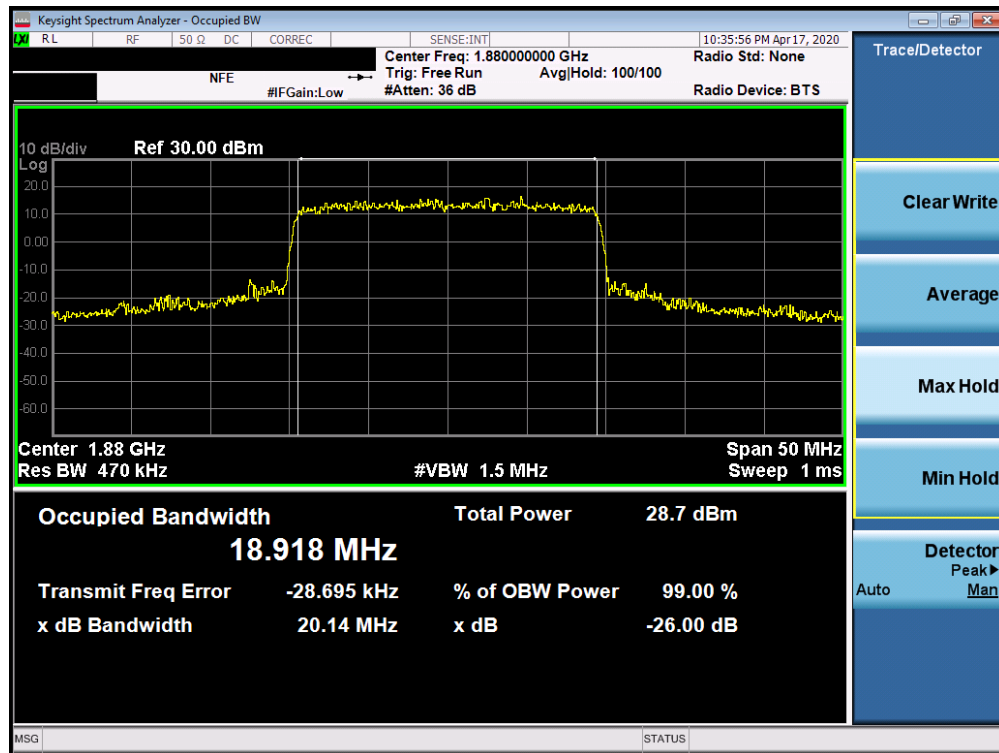


Plot 7-156. Occupied Bandwidth Plot (n2 15MHz 256QAM-CP-OFDM- Full RB Configuration)

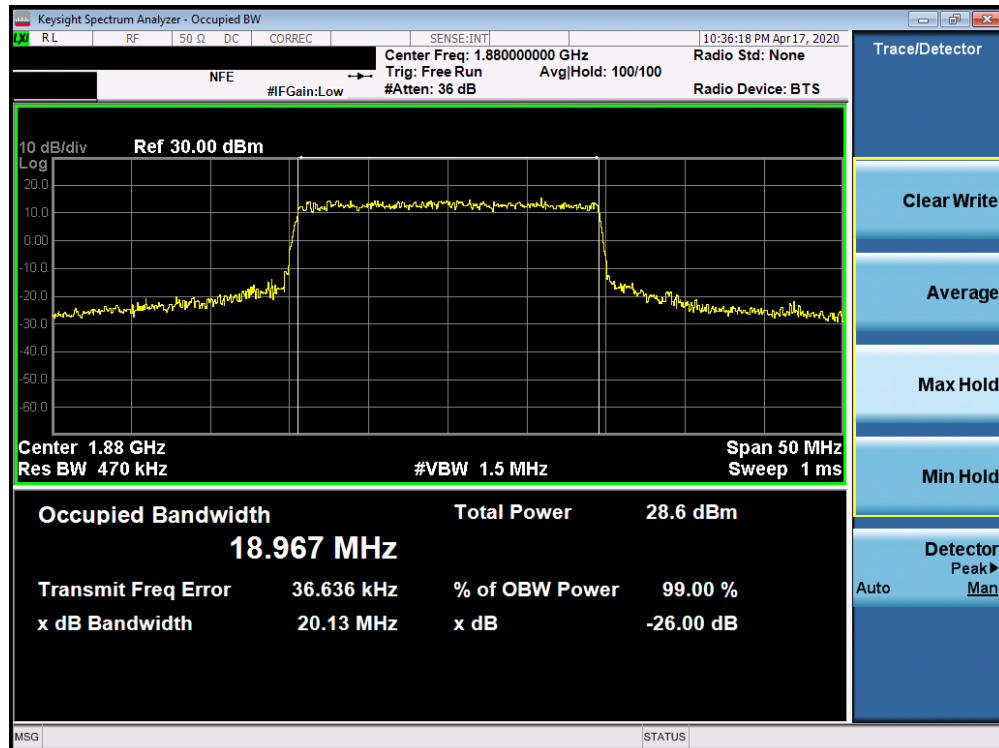


Plot 7-157. Occupied Bandwidth Plot (n2 20MHz BPSK-DFT-s-OFDM - Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 97 of 420

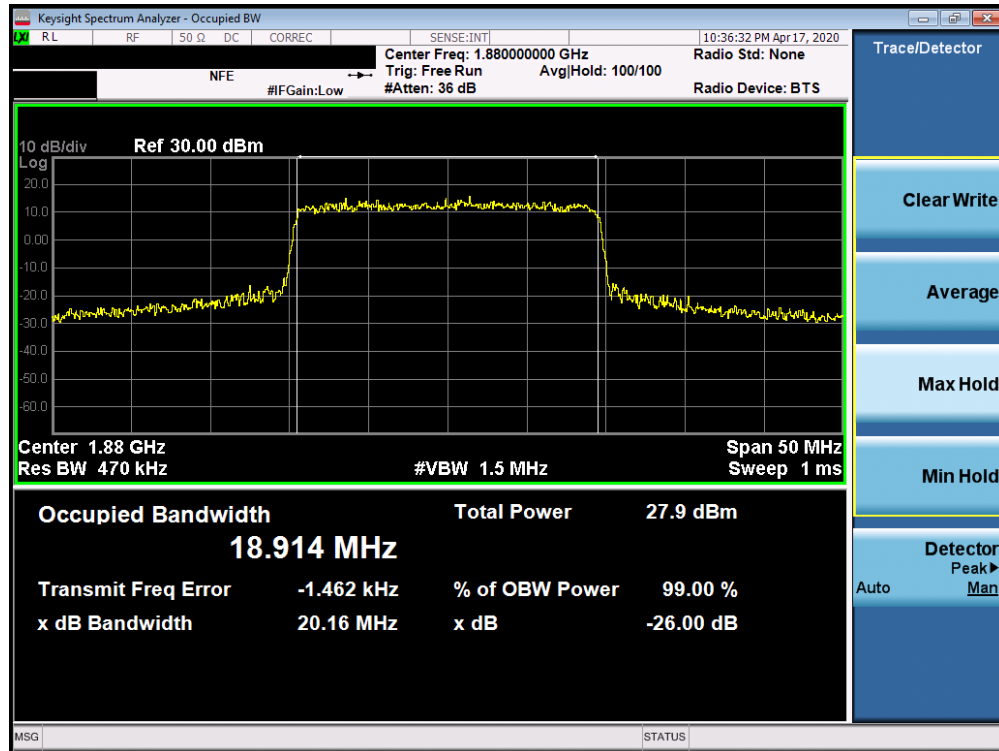


Plot 7-158. Occupied Bandwidth Plot (n2 20MHz QPSK-CP-OFDM - Full RB Configuration)

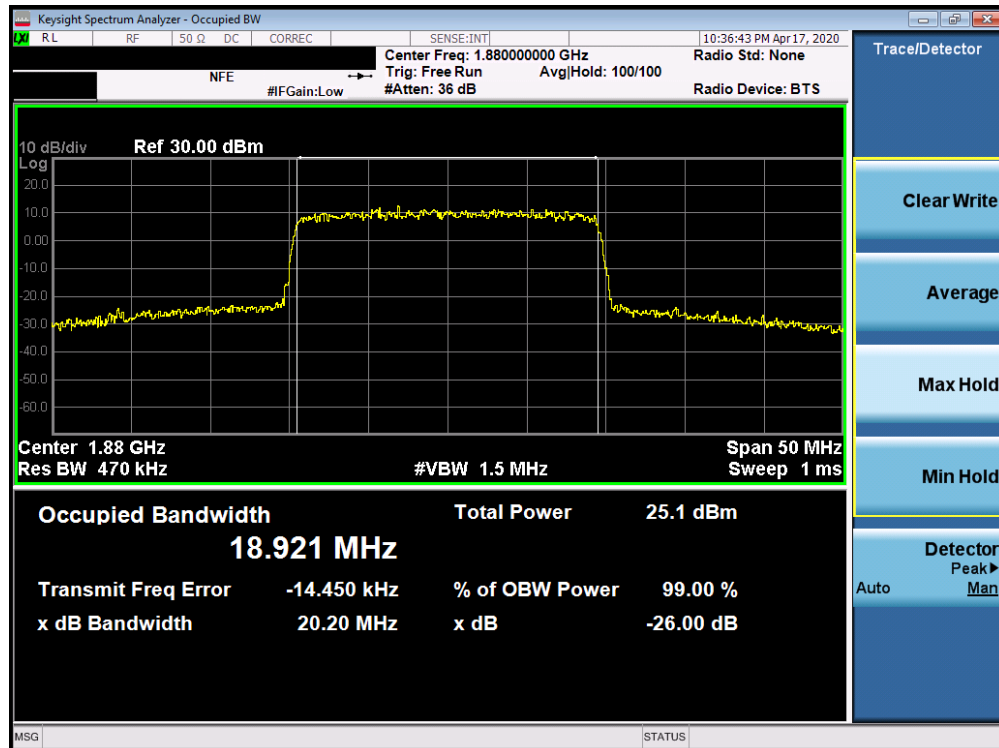


Plot 7-159. Occupied Bandwidth Plot (n2 20MHz 16QAM-CP-OFDM - Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 98 of 420



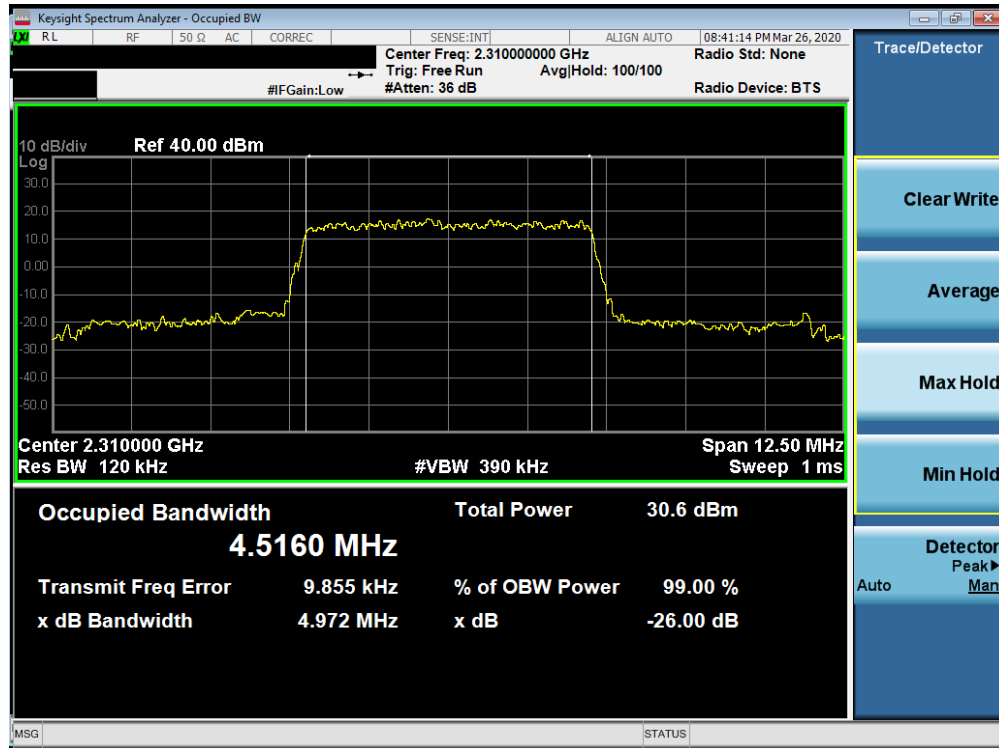
Plot 7-160. Occupied Bandwidth Plot (n2 20MHz 64QAM-CP-OFDM- Full RB Configuration)



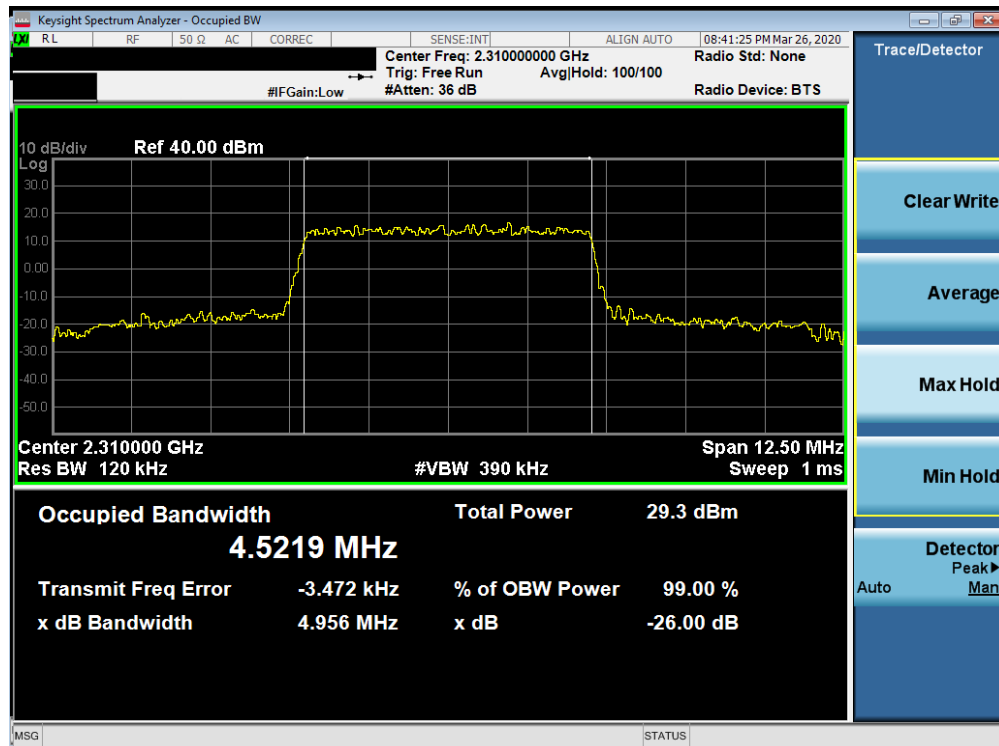
Plot 7-161. Occupied Bandwidth Plot (n2 20MHz 256QAM-CP-OFDM- Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 99 of 420

Band 30

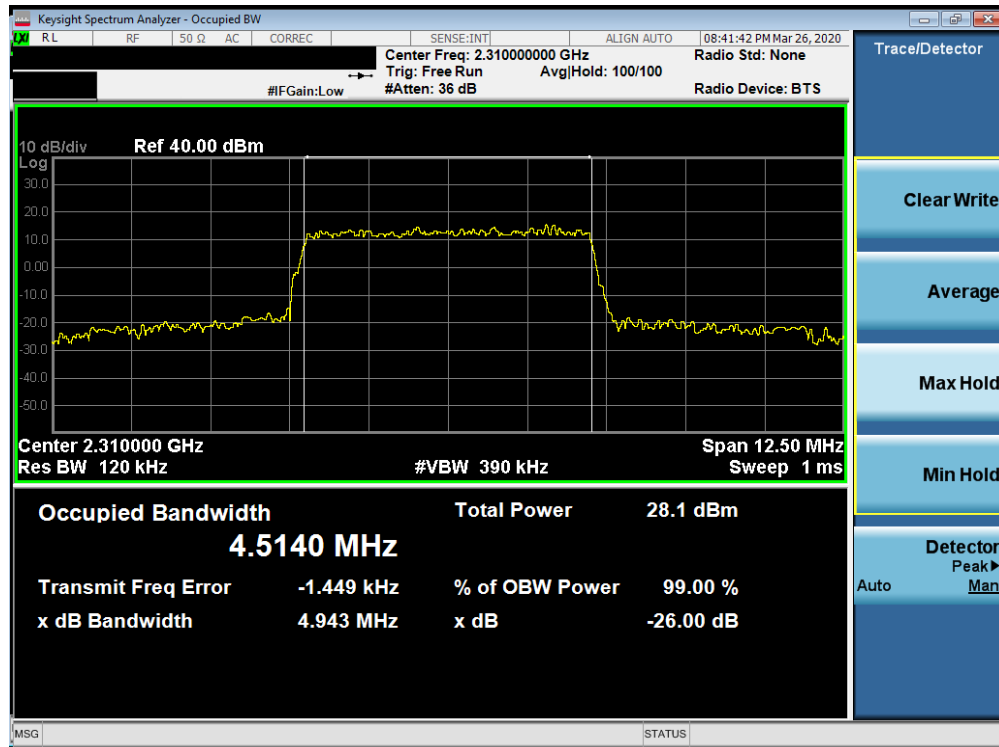


Plot 7-162. Occupied Bandwidth Plot (Band 30 - 5.0MHz QPSK - Full RB Configuration)



Plot 7-163. Occupied Bandwidth Plot (Band 30 - 5.0MHz 16-QAM - Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 100 of 420

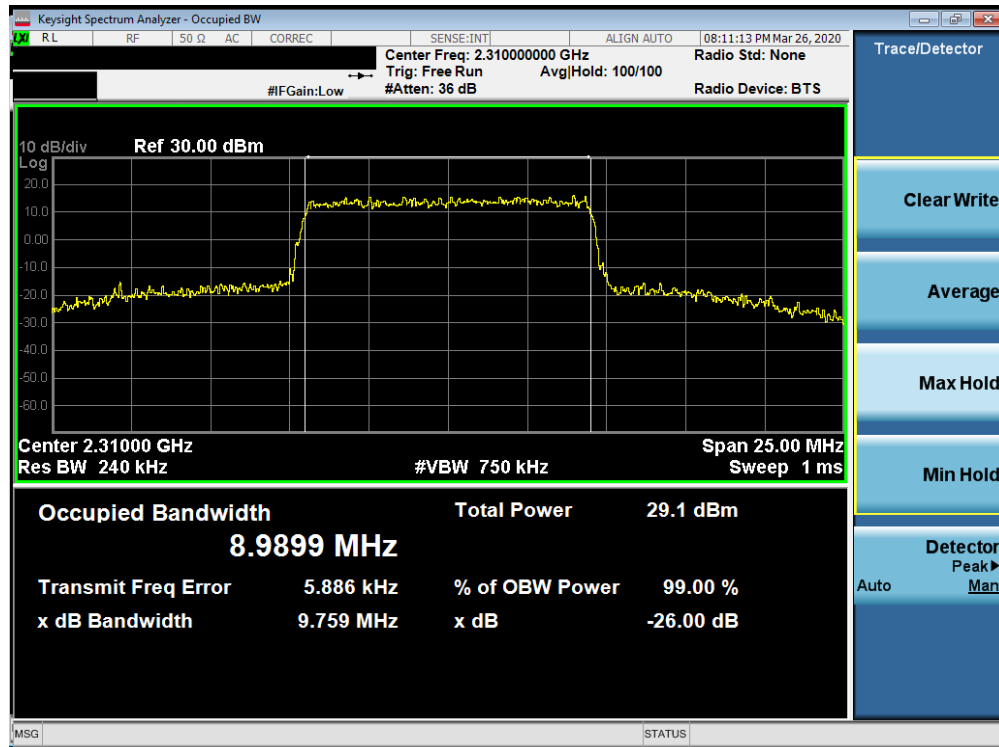


Plot 7-164. Occupied Bandwidth Plot (Band 30 - 5.0MHz 64-QAM - Full RB Configuration)

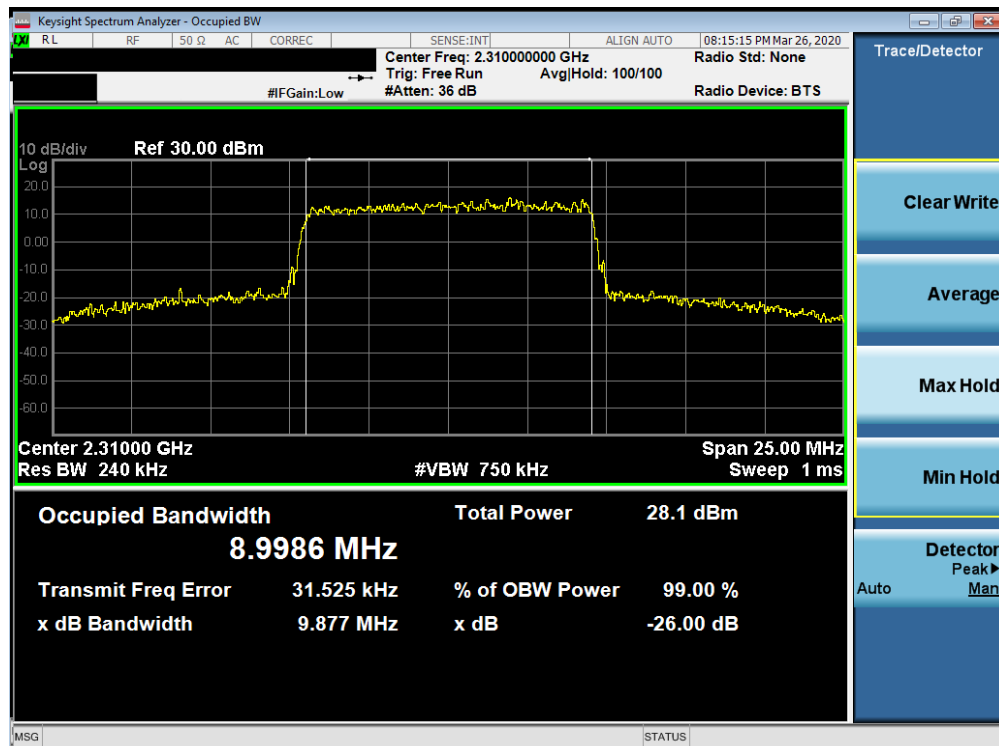


Plot 7-165. Occupied Bandwidth Plot (Band 30 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 101 of 420



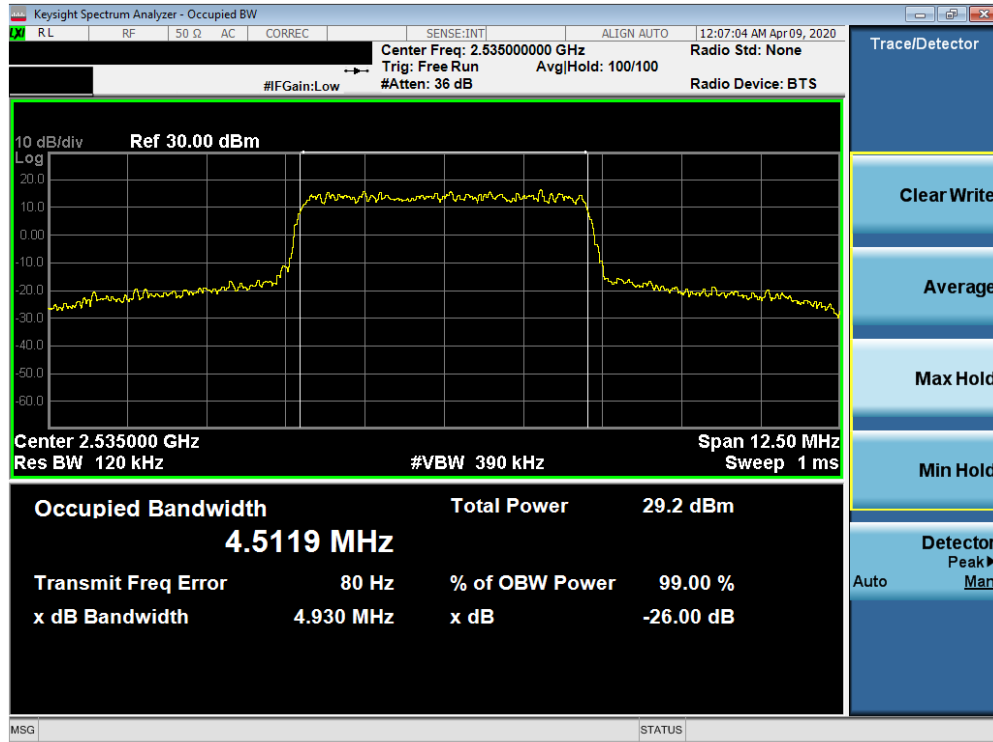
Plot 7-166. Occupied Bandwidth Plot (Band 30 - 10.0MHz 16-QAM - Full RB Configuration)



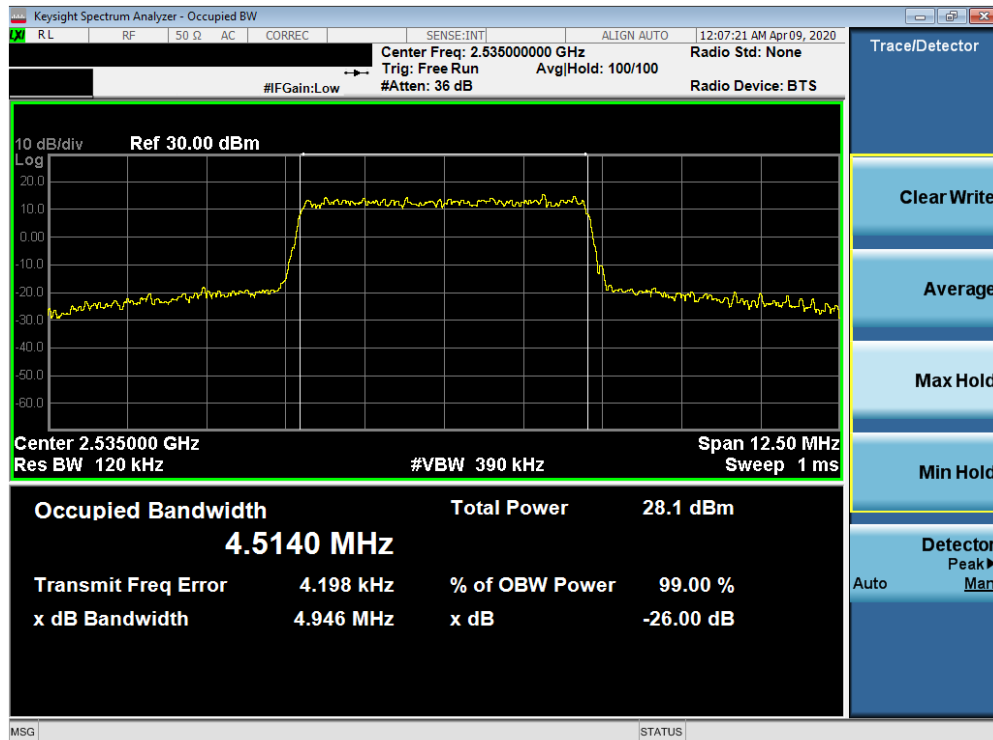
Plot 7-167. Occupied Bandwidth Plot (Band 30 - 10.0MHz 64-QAM - Full RB Configuration)

FCC ID: A3LSMA716U	MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 102 of 420

Band 7

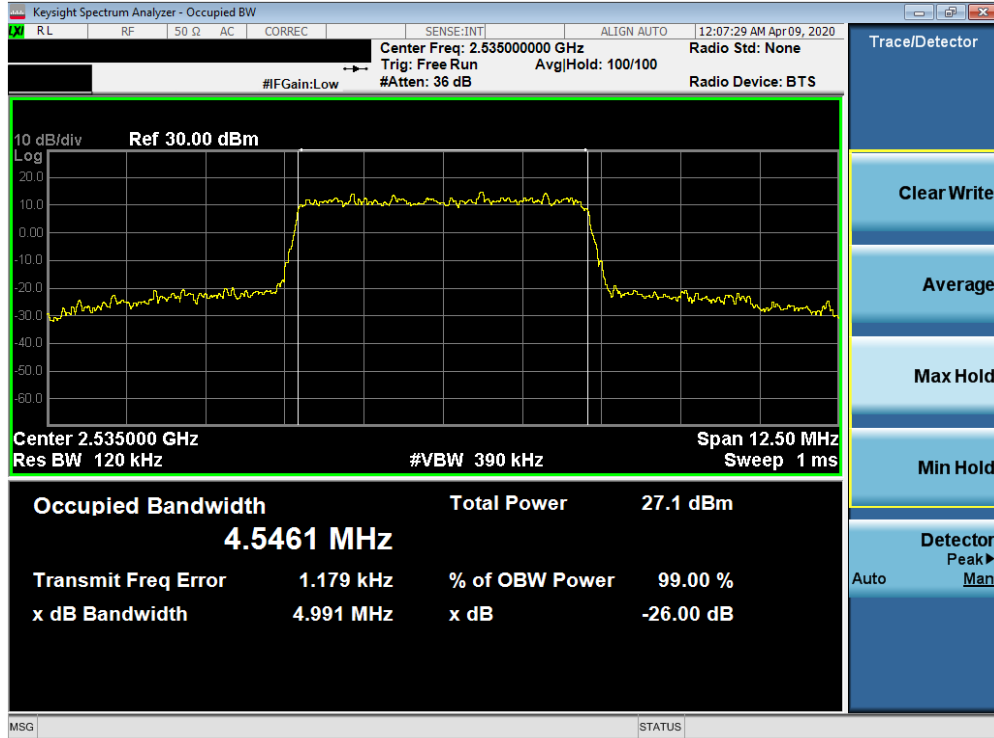


Plot 7-168. Occupied Bandwidth Plot (Band 7 - 5.0MHz QPSK - Full RB Configuration)



Plot 7-169. Occupied Bandwidth Plot (Band 7 - 5.0MHz 16-QAM - Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 103 of 420

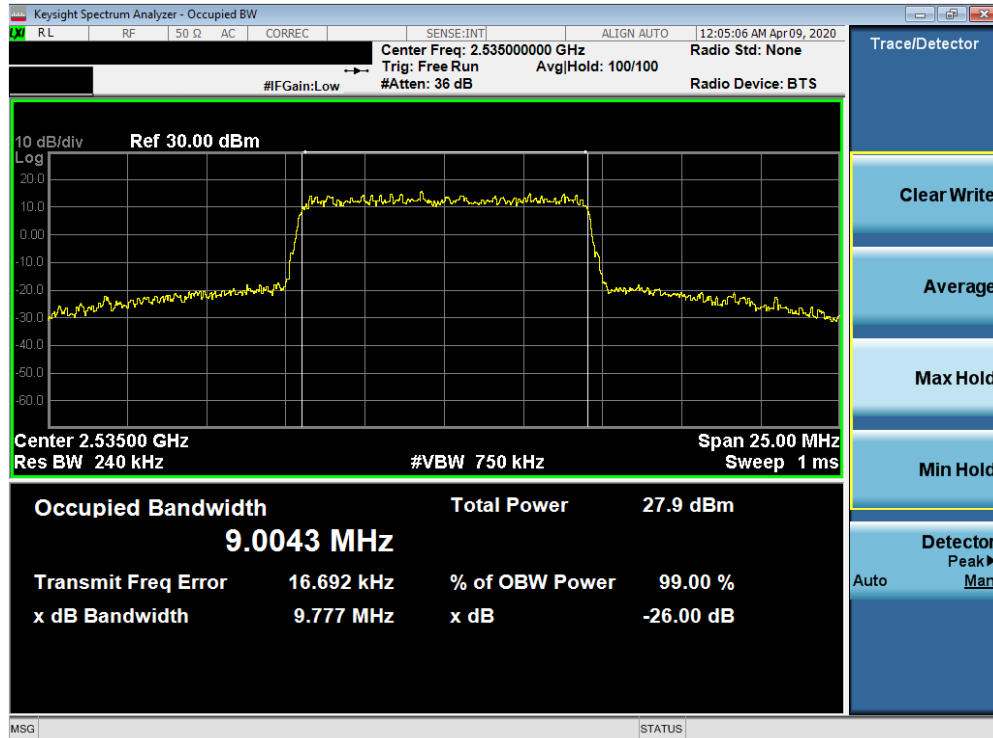


Plot 7-170. Occupied Bandwidth Plot (Band 7 - 5.0MHz 64-QAM - Full RB Configuration)



Plot 7-171. Occupied Bandwidth Plot (Band 7 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMA716U	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 104 of 420

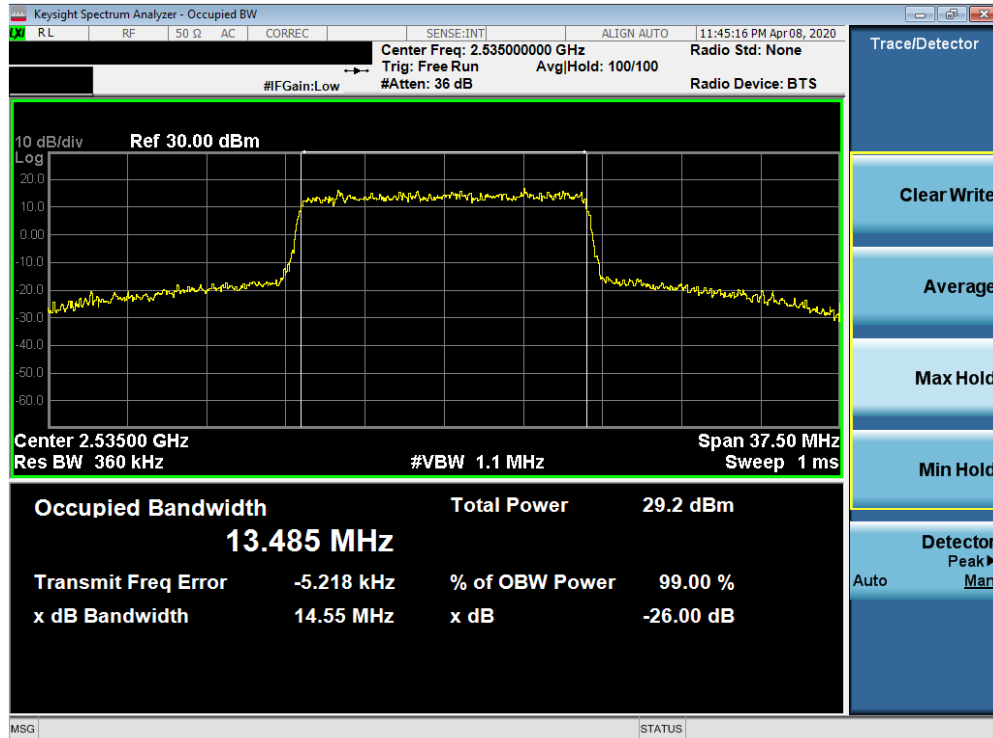


Plot 7-172. Occupied Bandwidth Plot (Band 7 - 10.0MHz 16-QAM - Full RB Configuration)

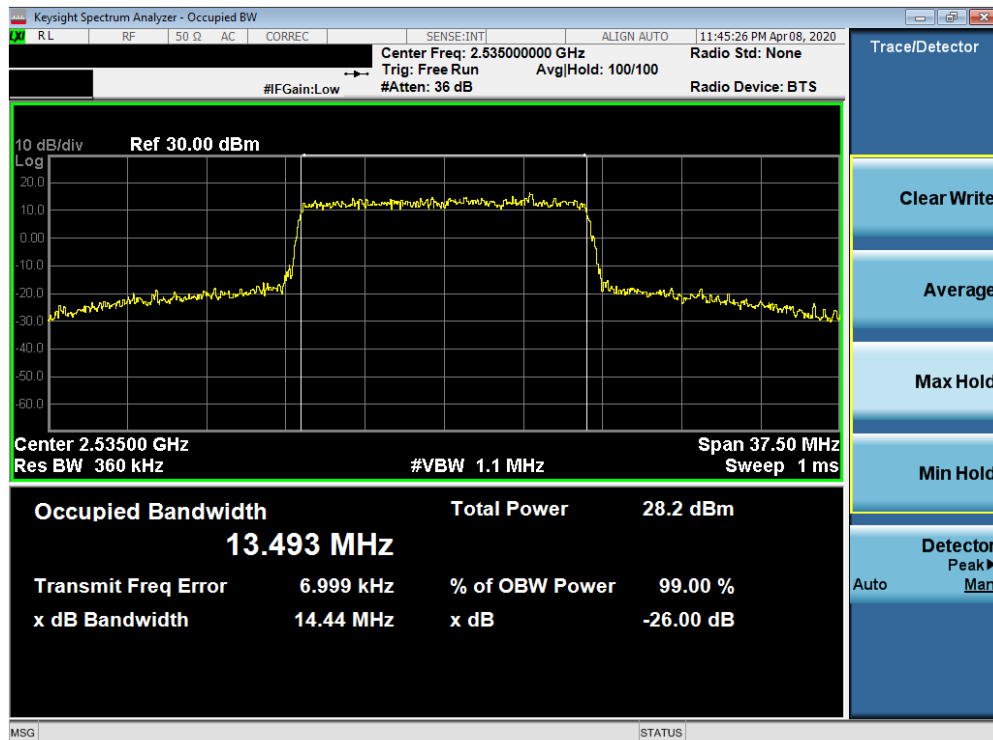


Plot 7-173. Occupied Bandwidth Plot (Band 7 - 10.0MHz 64-QAM - Full RB Configuration)

FCC ID: A3LSMA716U	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 105 of 420

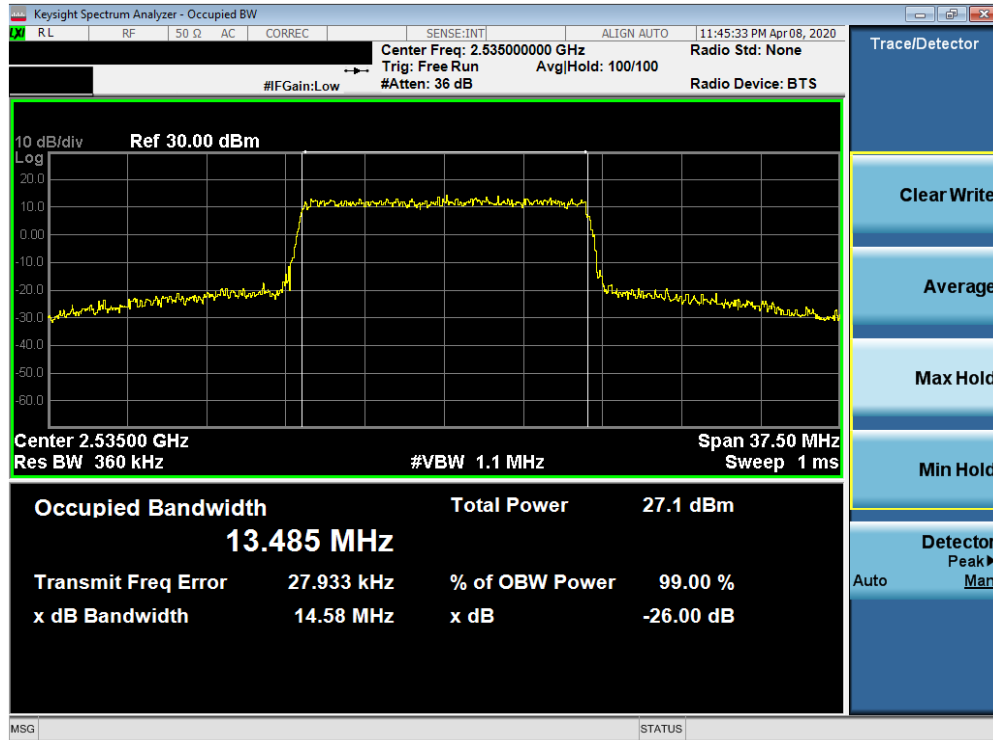


Plot 7-174. Occupied Bandwidth Plot (Band 7 - 15.0MHz QPSK - Full RB Configuration)

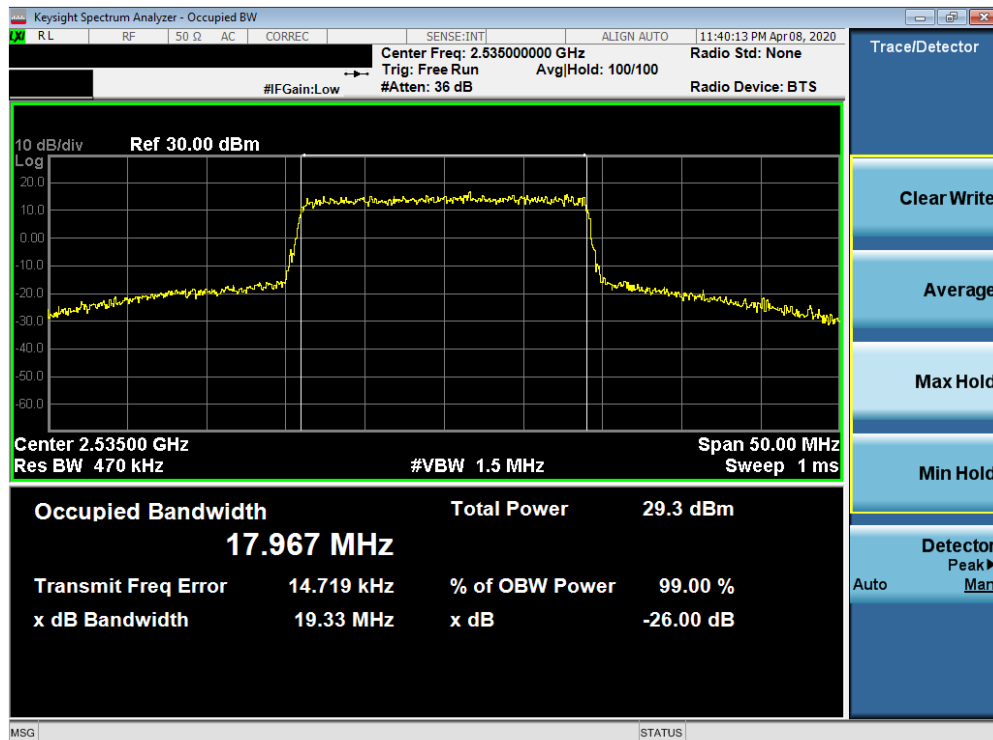


Plot 7-175. Occupied Bandwidth Plot (Band 7 - 15.0MHz 16-QAM - Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 106 of 420

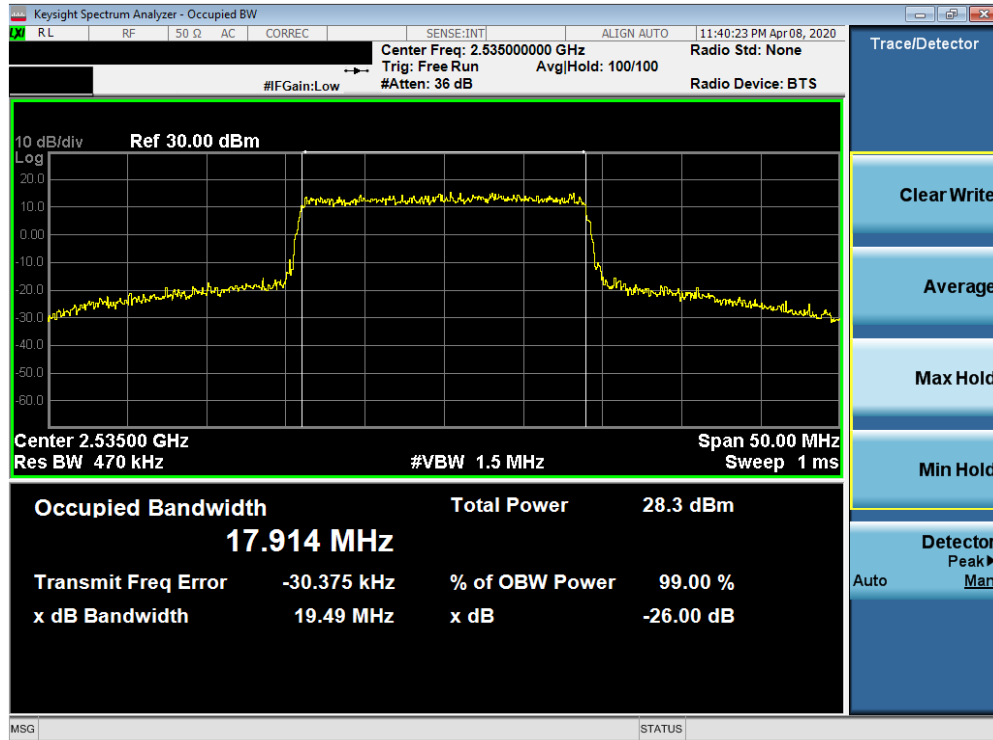


Plot 7-176. Occupied Bandwidth Plot (Band 7 - 15.0MHz 64-QAM - Full RB Configuration)

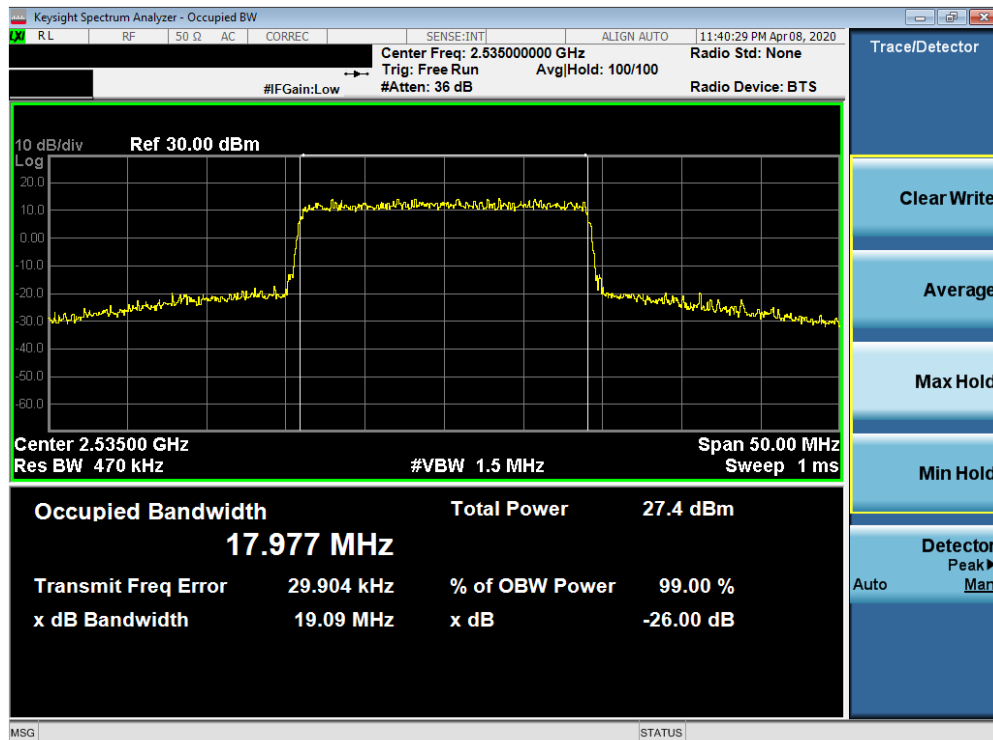


Plot 7-177. Occupied Bandwidth Plot (Band 7 - 20.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 107 of 420



Plot 7-178. Occupied Bandwidth Plot (Band 7 - 20.0MHz 16-QAM - Full RB Configuration)



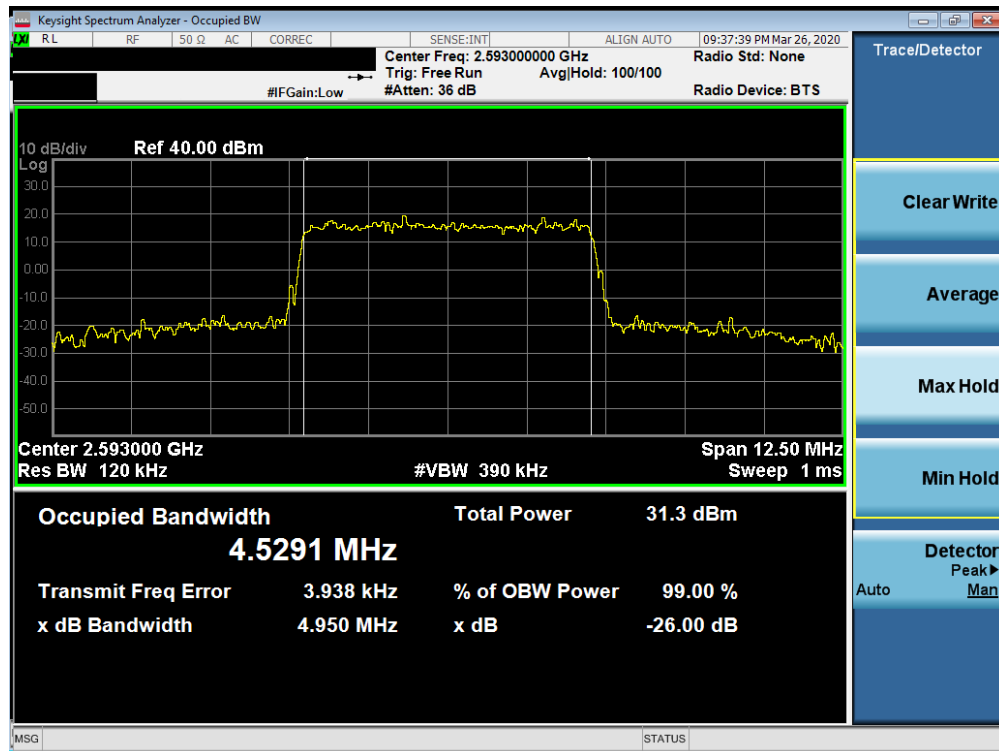
Plot 7-179. Occupied Bandwidth Plot (Band 7 - 20.0MHz 64-QAM - Full RB Configuration)

FCC ID: A3LSMA716U	MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 108 of 420

Band 41 (PC2)

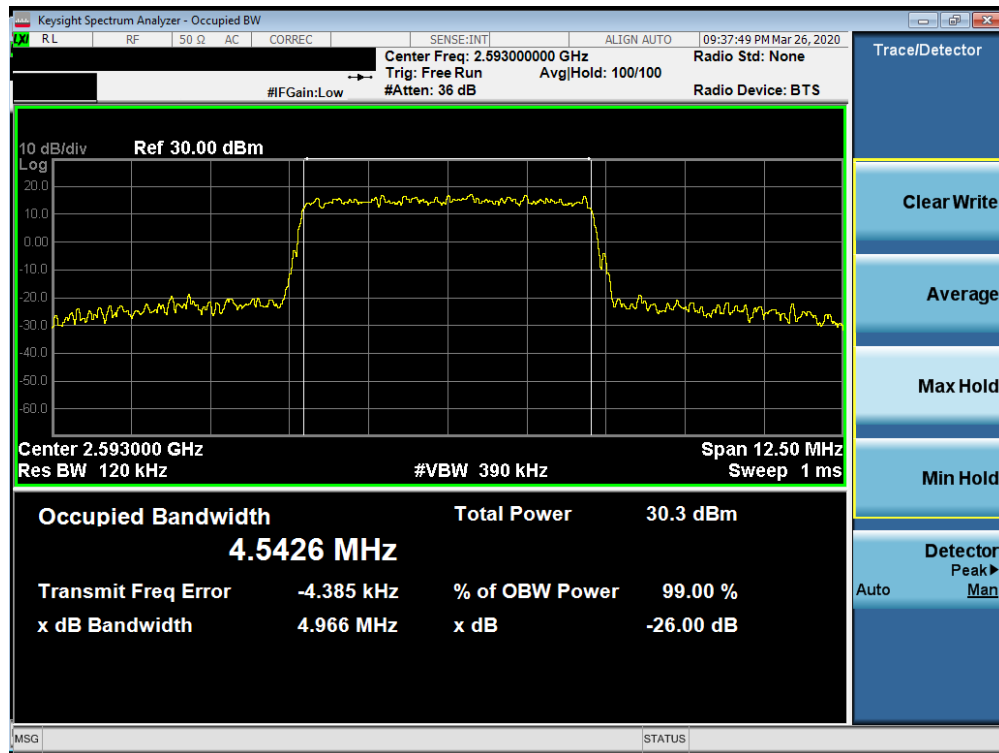


Plot 7-180. Occupied Bandwidth Plot (Band 41 (PC2) - 5.0MHz QPSK - Full RB Configuration)

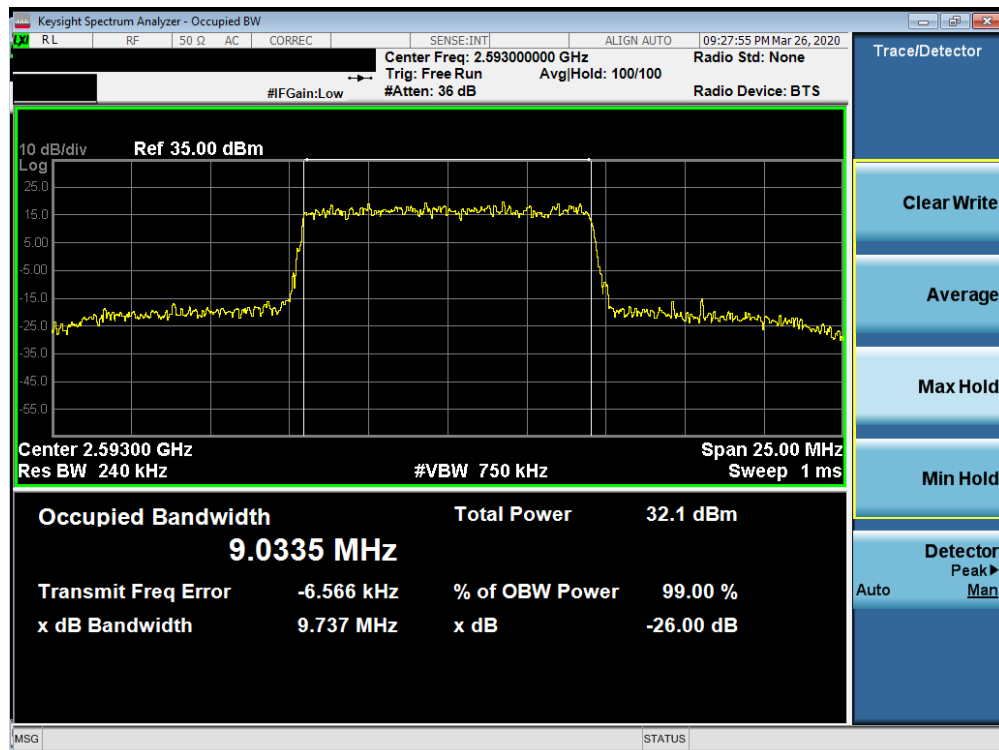


Plot 7-181. Occupied Bandwidth Plot (Band 41 (PC2) - 5.0MHz 16-QAM - Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 109 of 420

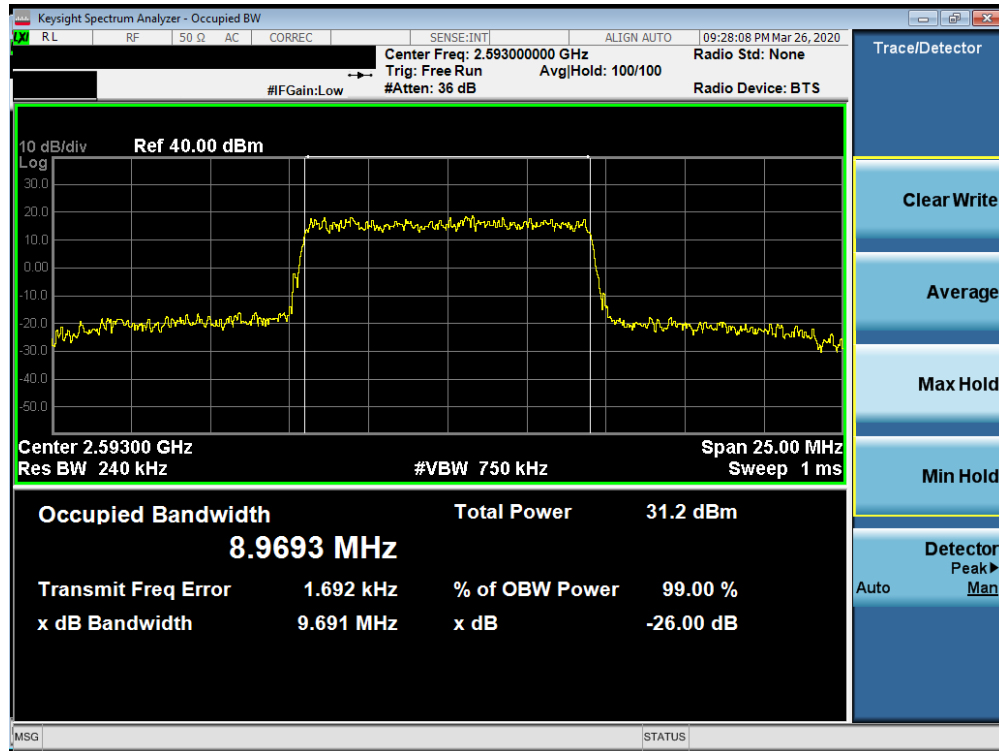


Plot 7-182. Occupied Bandwidth Plot (Band 41 (PC2) - 5.0MHz 64-QAM - Full RB Configuration)

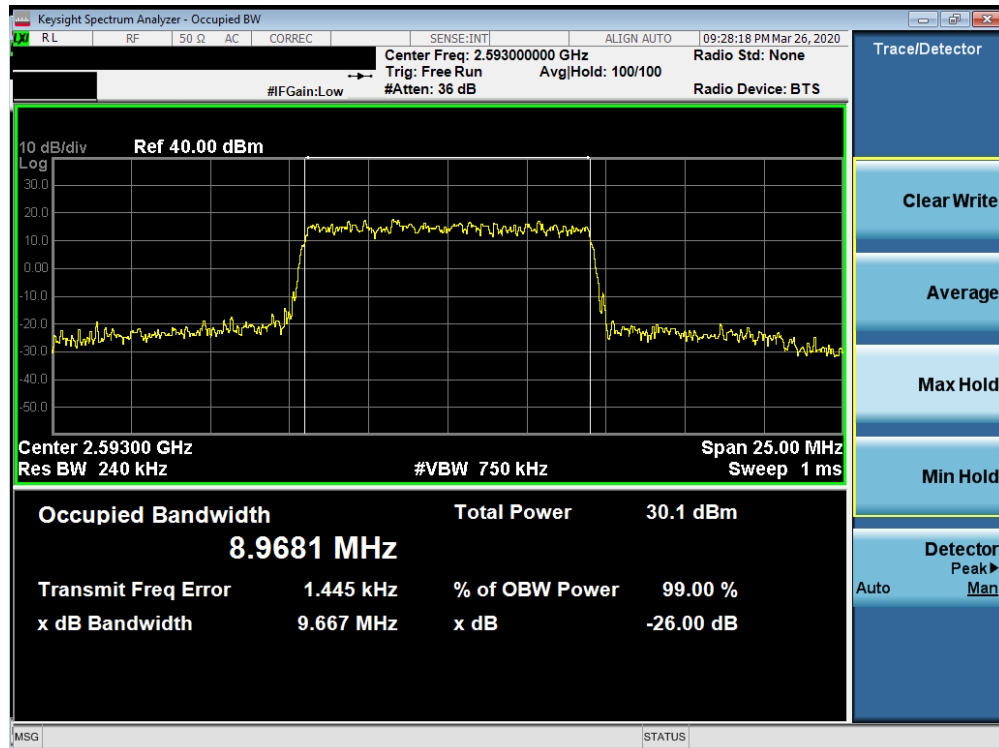


Plot 7-183. Occupied Bandwidth Plot (Band 41 (PC2) - 10.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 110 of 420

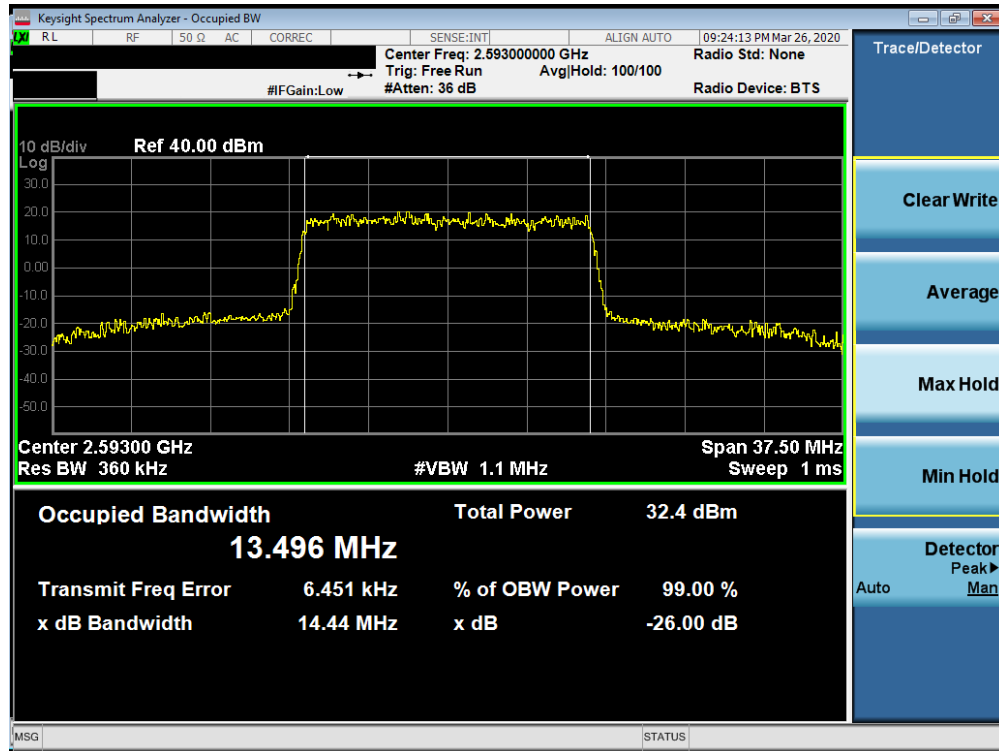


Plot 7-184. Occupied Bandwidth Plot (Band 41 (PC2) - 10.0MHz 16-QAM - Full RB Configuration)

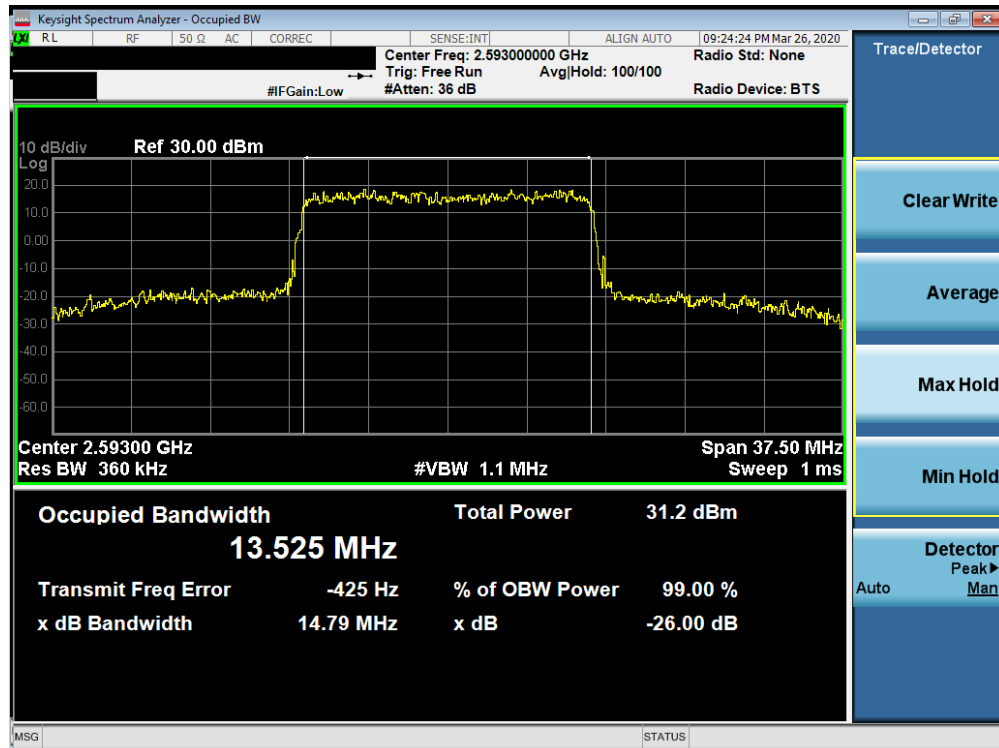


Plot 7-185. Occupied Bandwidth Plot (Band 41 (PC2) - 10.0MHz 64-QAM - Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 111 of 420

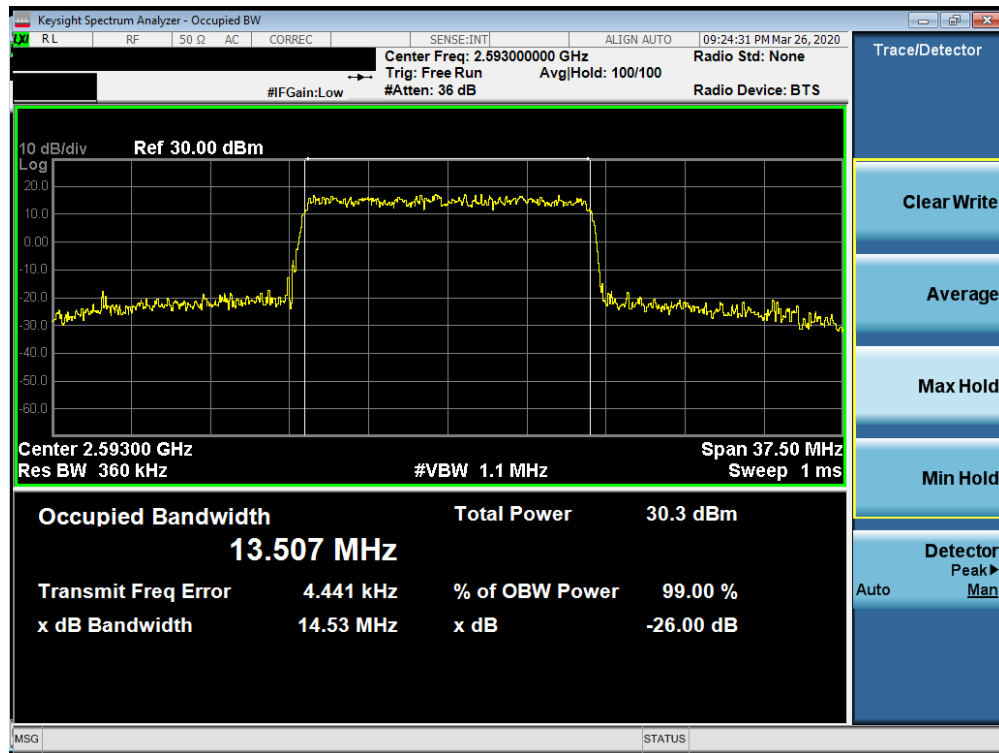


Plot 7-186. Occupied Bandwidth Plot (Band 41 (PC2) - 15.0MHz QPSK - Full RB Configuration)

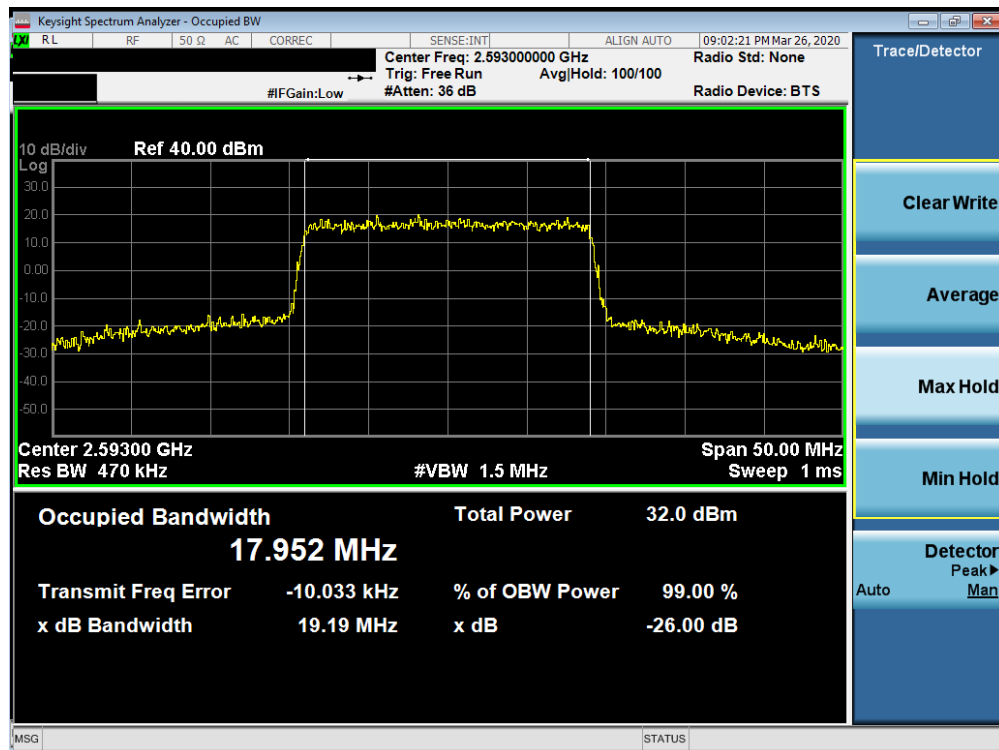


Plot 7-187. Occupied Bandwidth Plot (Band 41 (PC2) - 15.0MHz 16-QAM - Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 112 of 420

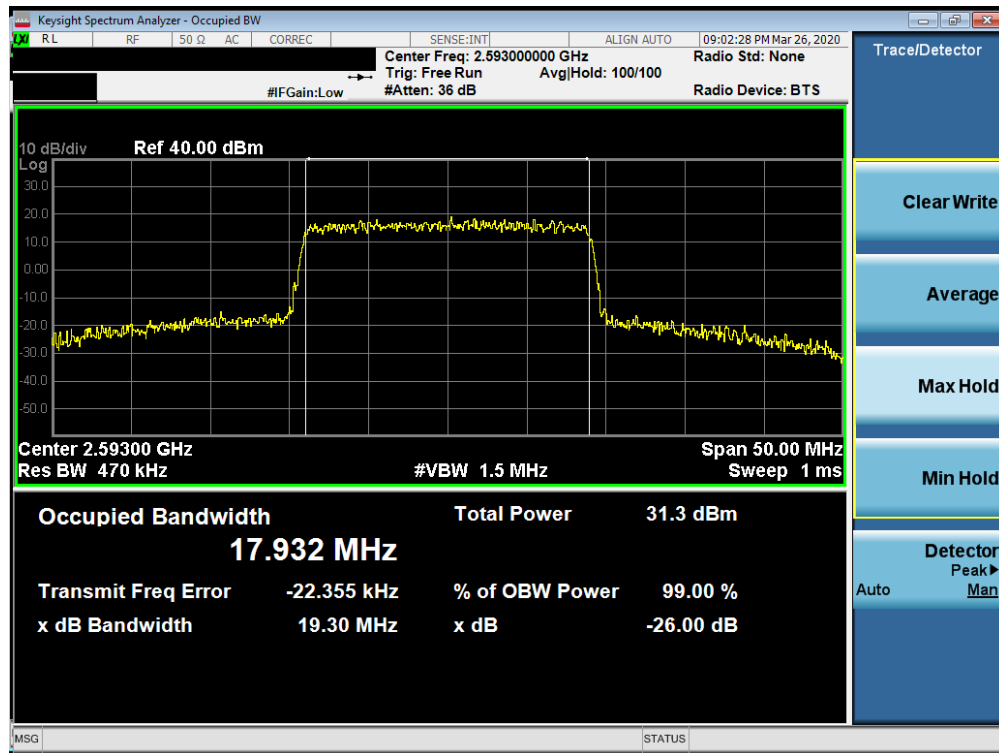


Plot 7-188. Occupied Bandwidth Plot (Band 41 (PC2) - 15.0MHz 64-QAM - Full RB Configuration)

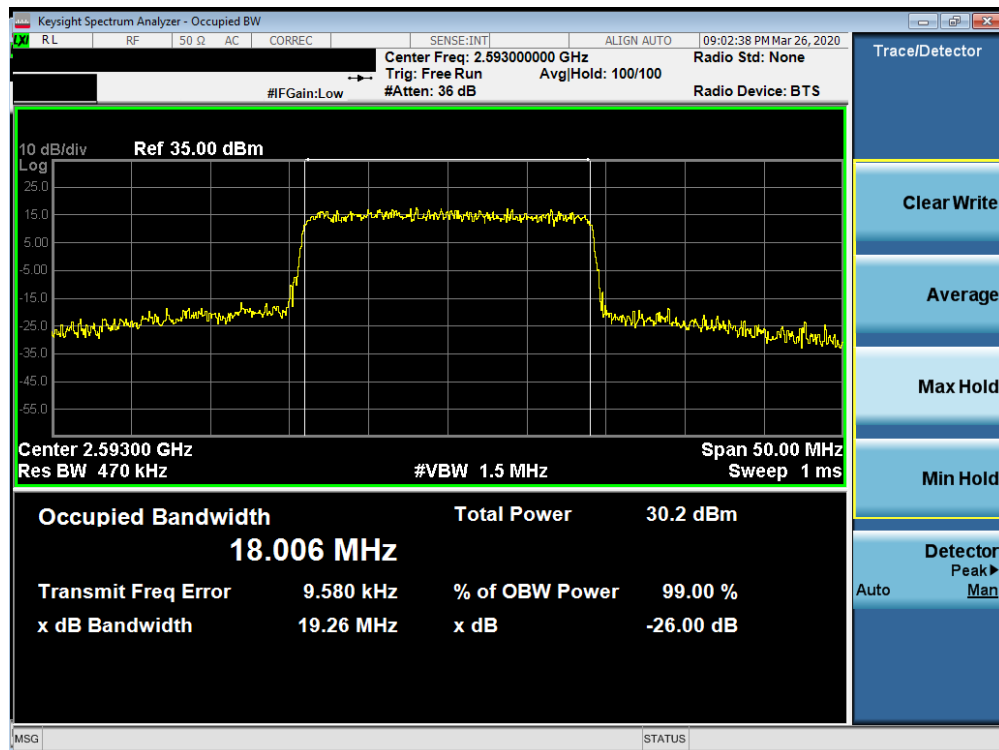


Plot 7-189. Occupied Bandwidth Plot (Band 41 (PC2) - 20.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 113 of 420



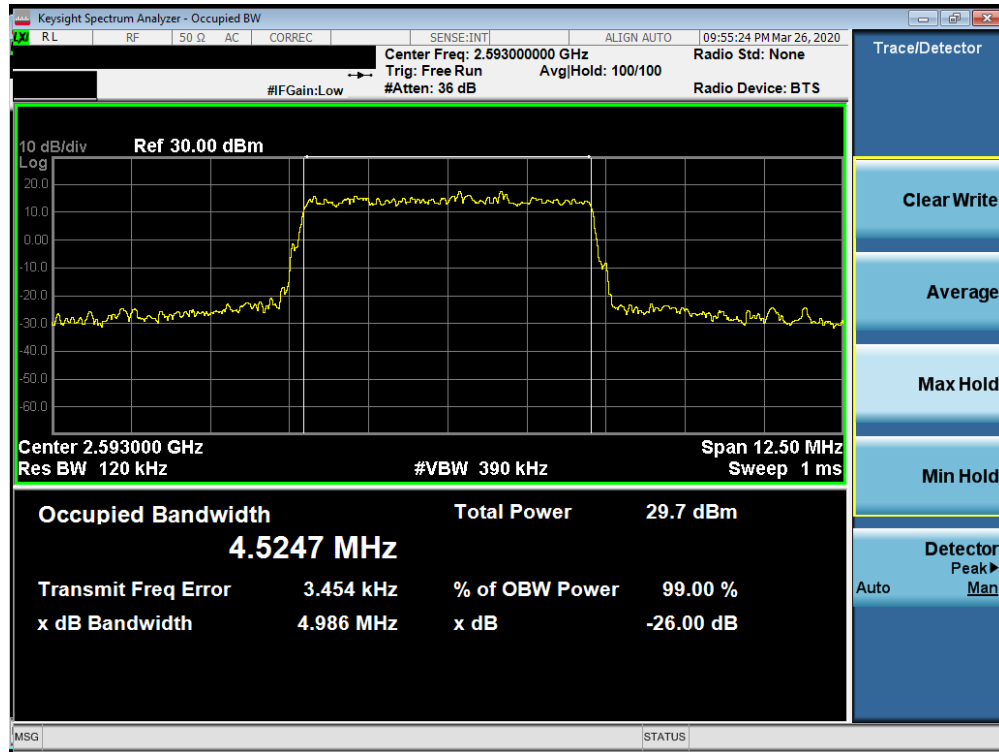
Plot 7-190. Occupied Bandwidth Plot (Band 41 (PC2) - 20.0MHz 16-QAM - Full RB Configuration)



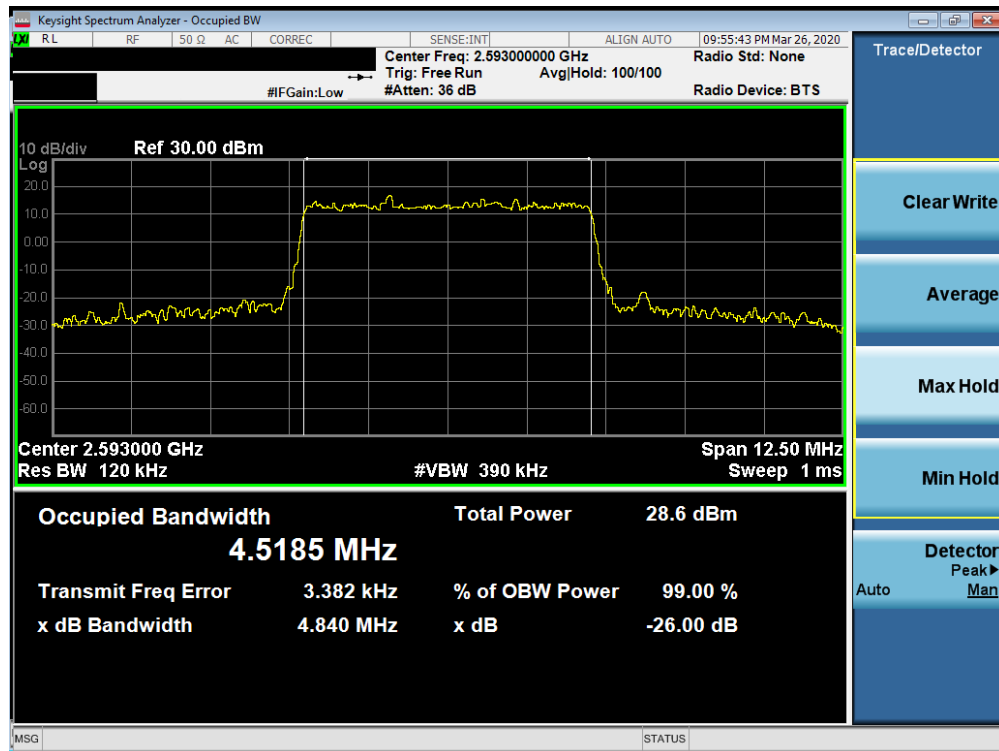
Plot 7-191. Occupied Bandwidth Plot (Band 41 (PC2) - 20.0MHz 64-QAM - Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 114 of 420

Band 41 (PC3)

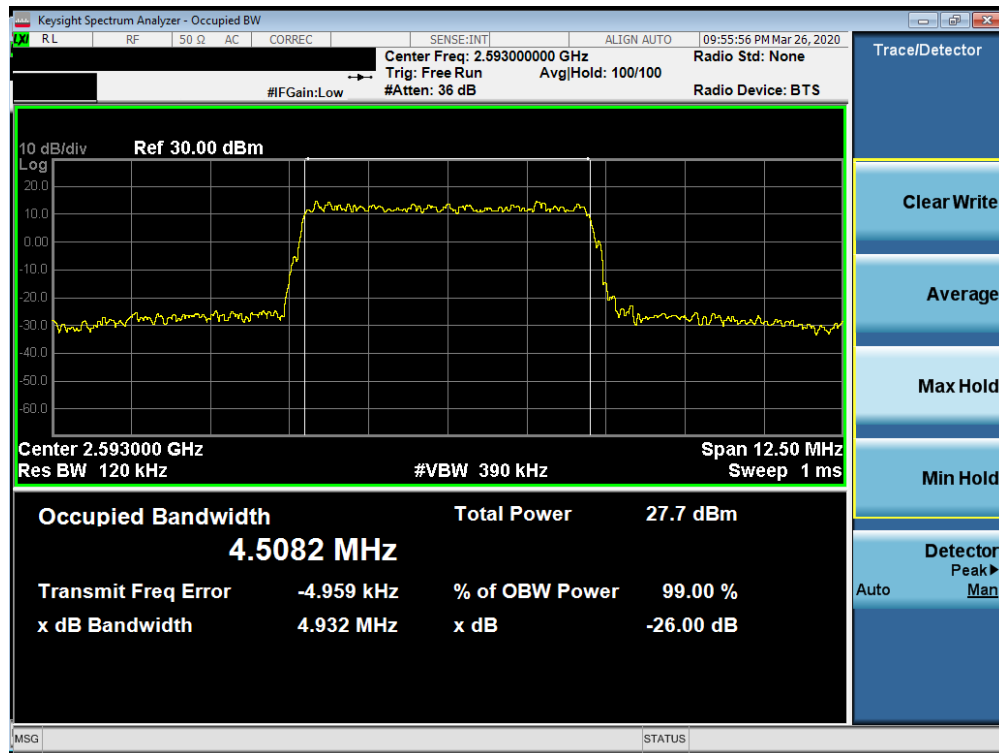


Plot 7-192. Occupied Bandwidth Plot (Band 41 (PC3) - 5.0MHz QPSK - Full RB Configuration)

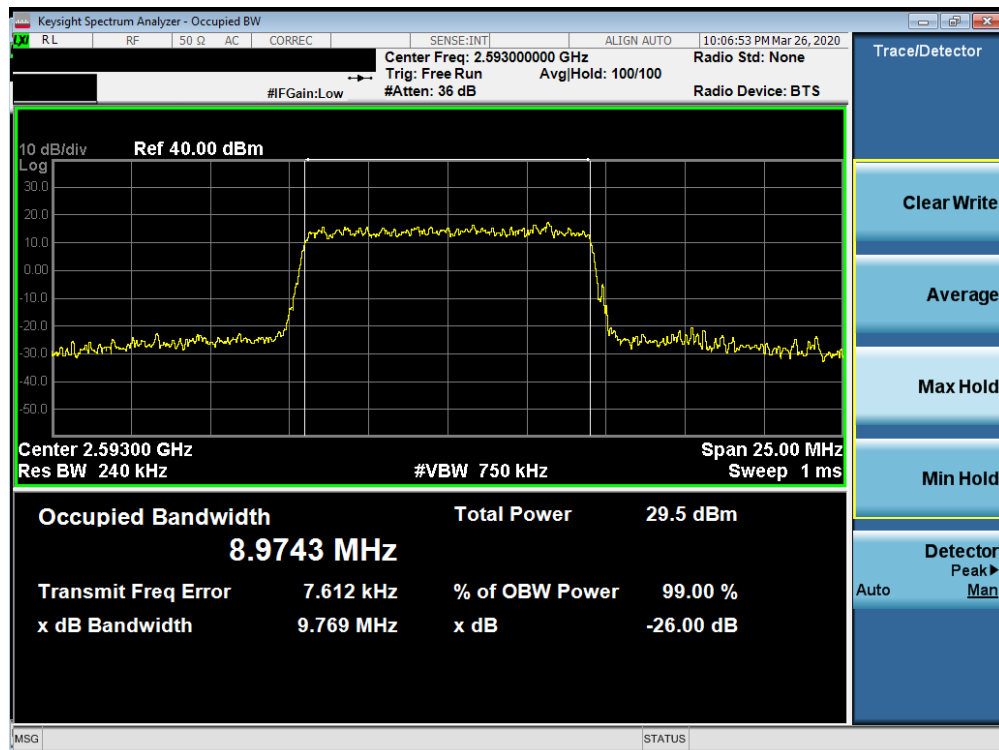


Plot 7-193. Occupied Bandwidth Plot (Band 41 (PC3) - 5.0MHz 16-QAM - Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 115 of 420

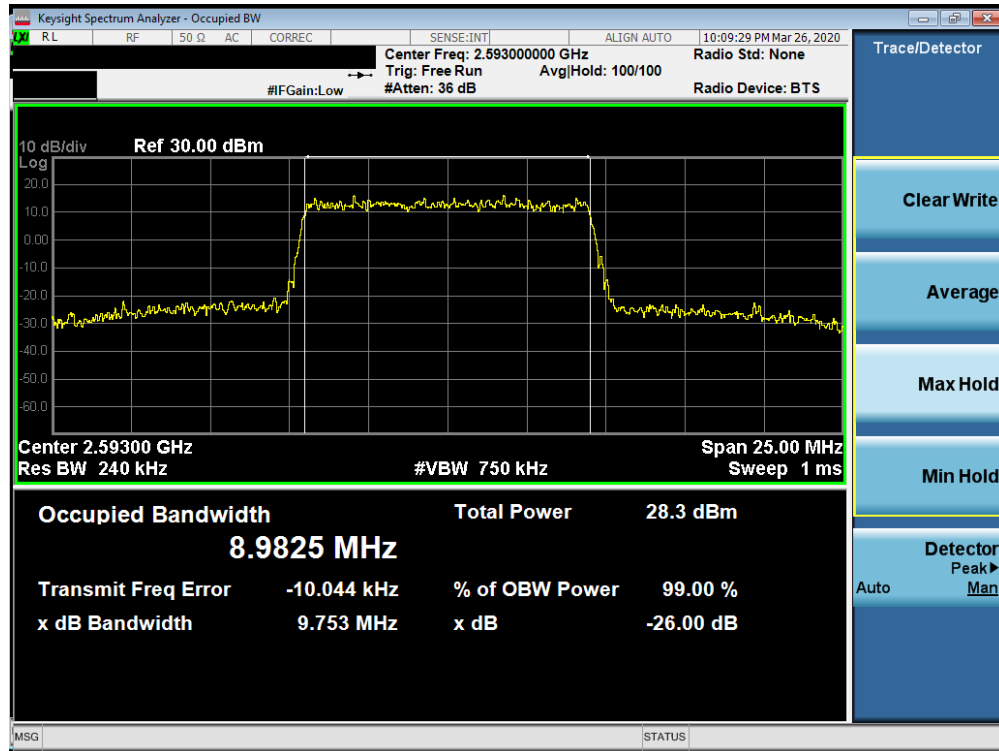


Plot 7-194. Occupied Bandwidth Plot (Band 41 (PC3) - 5.0MHz 64-QAM - Full RB Configuration)

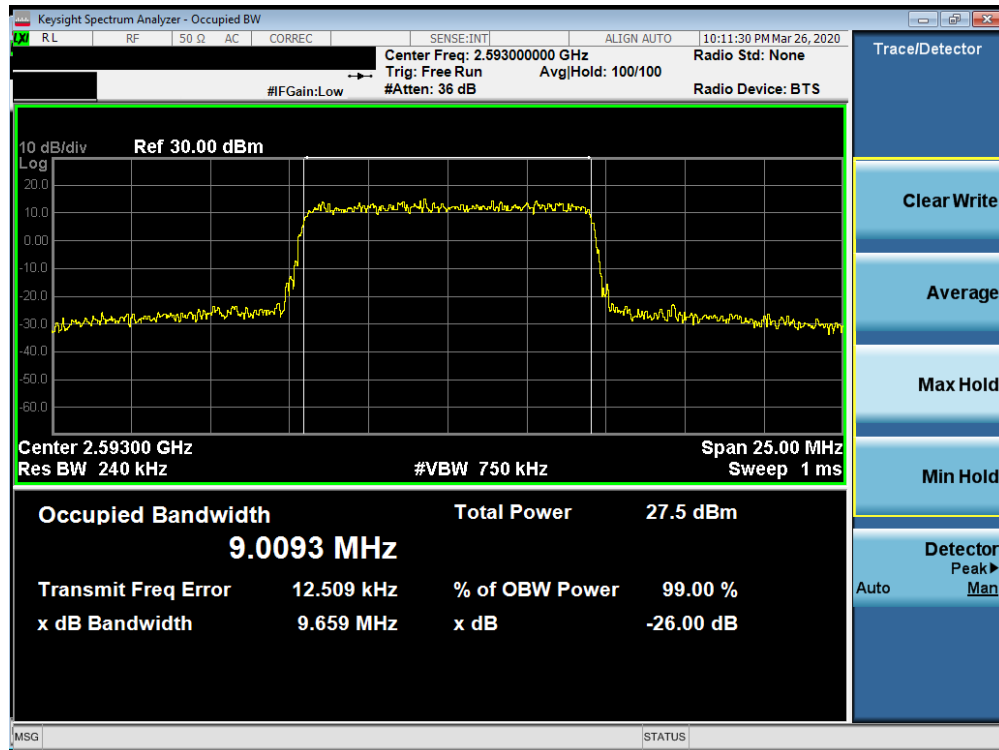


Plot 7-195. Occupied Bandwidth Plot (Band 41 (PC3) - 10.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMA716U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 116 of 420

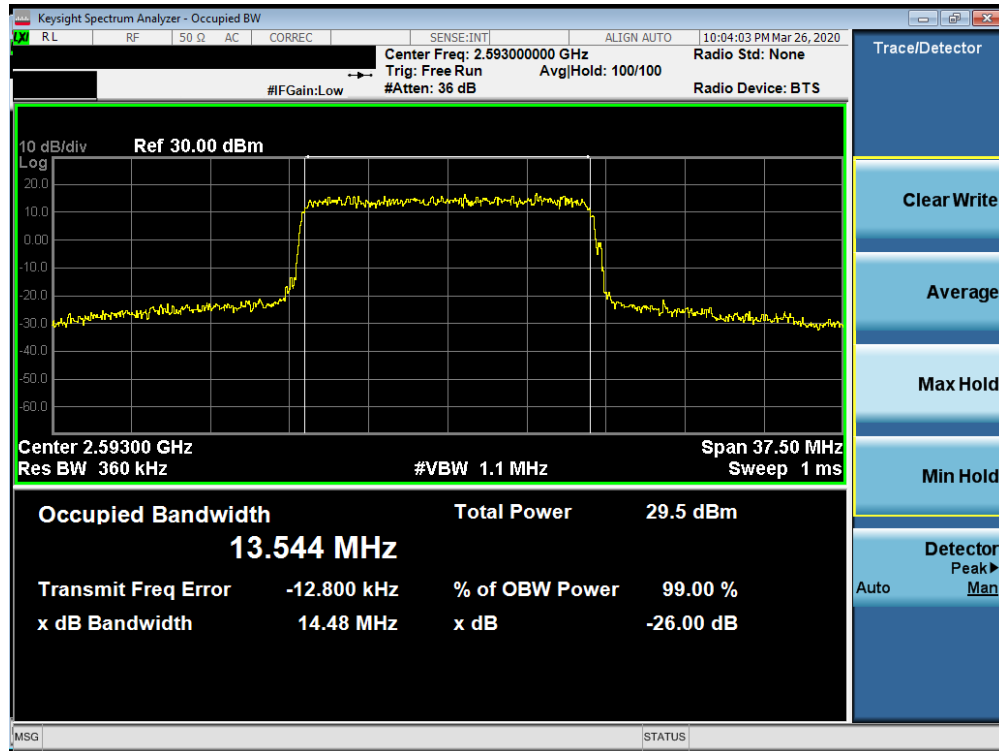


Plot 7-196. Occupied Bandwidth Plot (Band 41 (PC3) - 10.0MHz 16-QAM - Full RB Configuration)

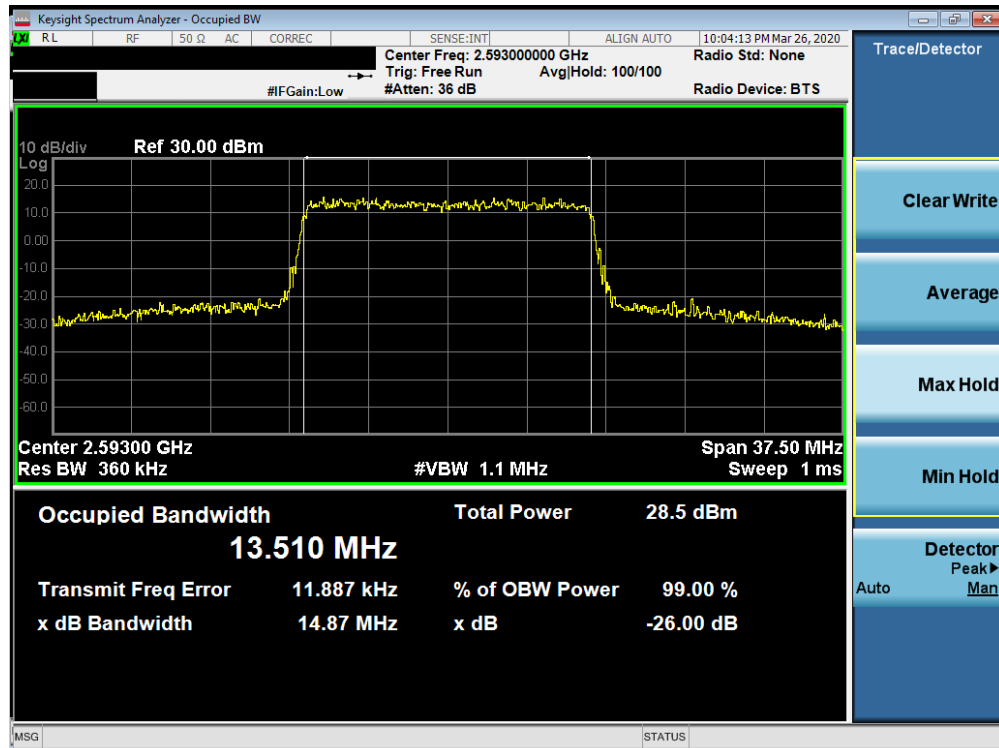


Plot 7-197. Occupied Bandwidth Plot (Band 41 (PC3) - 10.0MHz 64-QAM - Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 117 of 420

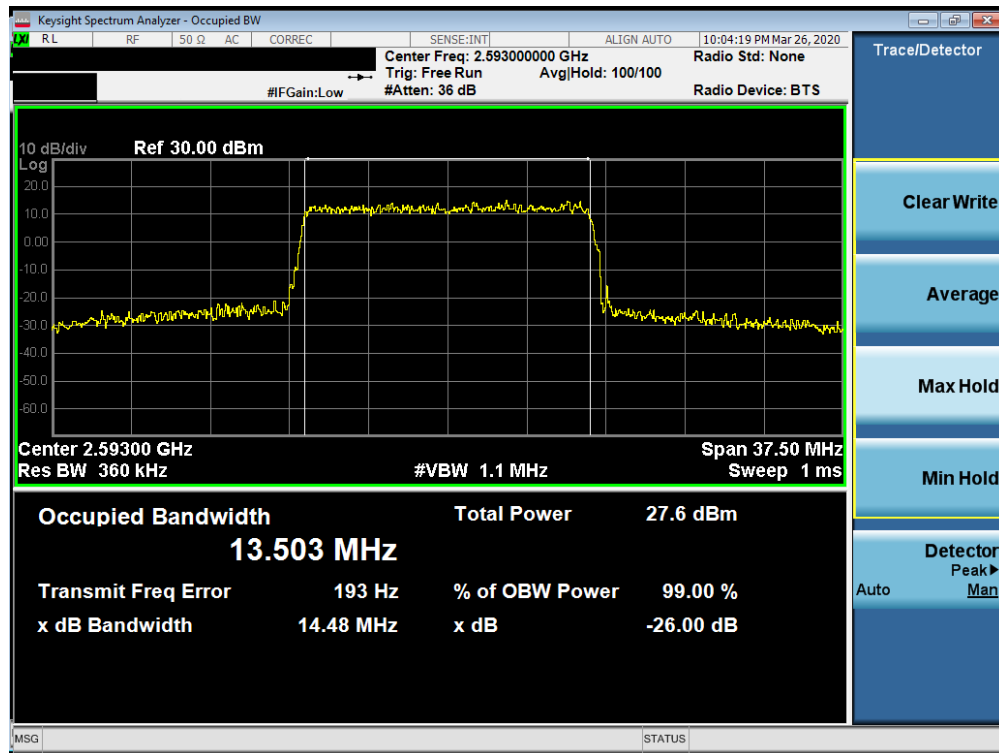


Plot 7-198. Occupied Bandwidth Plot (Band 41 (PC3) - 15.0MHz QPSK - Full RB Configuration)

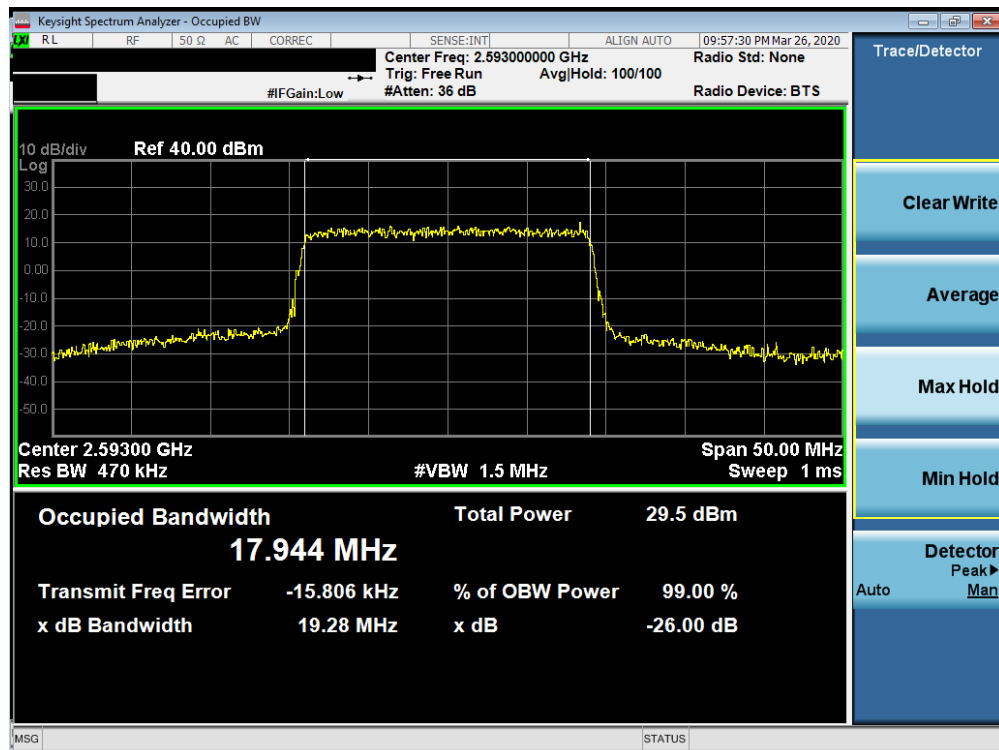


Plot 7-199. Occupied Bandwidth Plot (Band 41 (PC3) - 15.0MHz 16-QAM - Full RB Configuration)

FCC ID: A3LSMA716U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 118 of 420

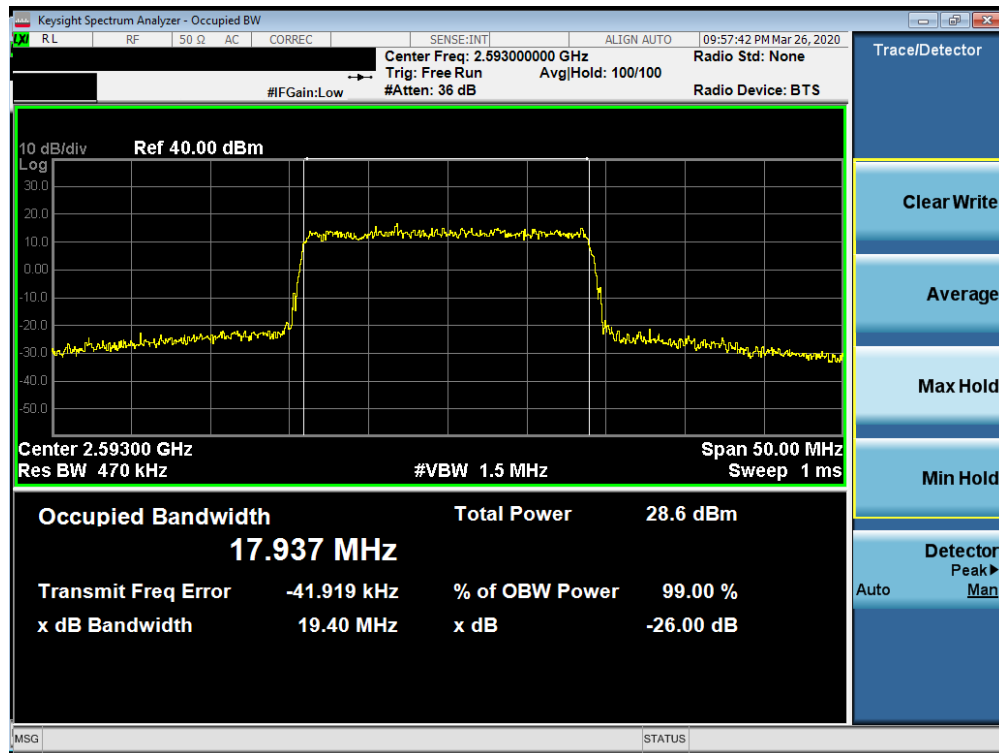


Plot 7-200. Occupied Bandwidth Plot (Band 41 (PC3) - 15.0MHz 64-QAM - Full RB Configuration)

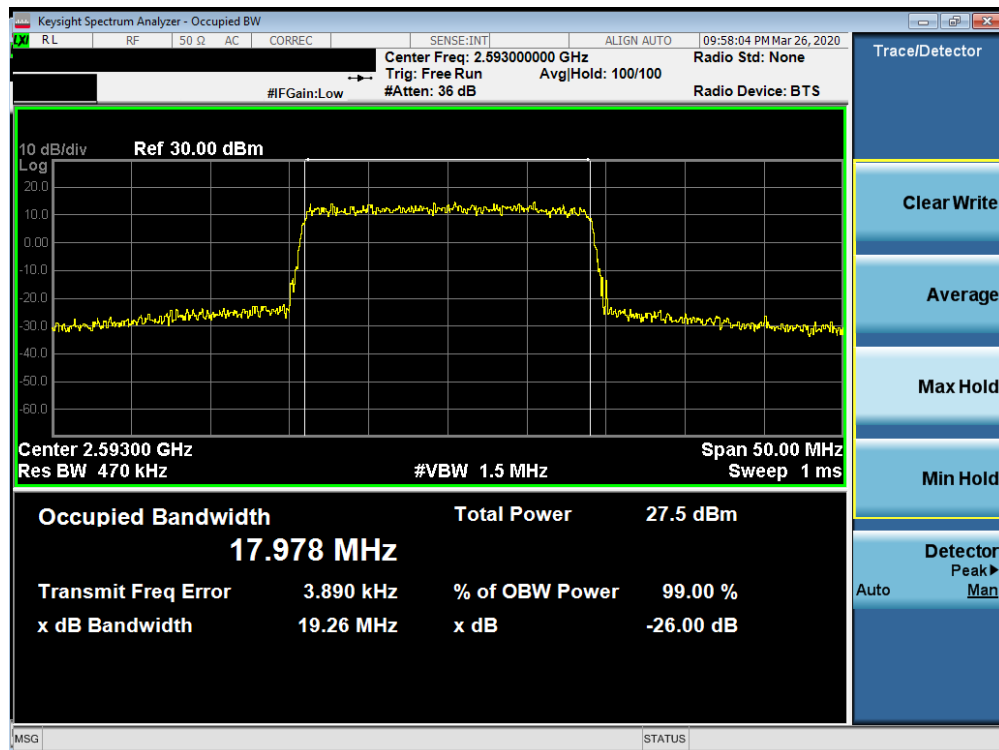


Plot 7-201. Occupied Bandwidth Plot (Band 41 (PC3) - 20.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 119 of 420



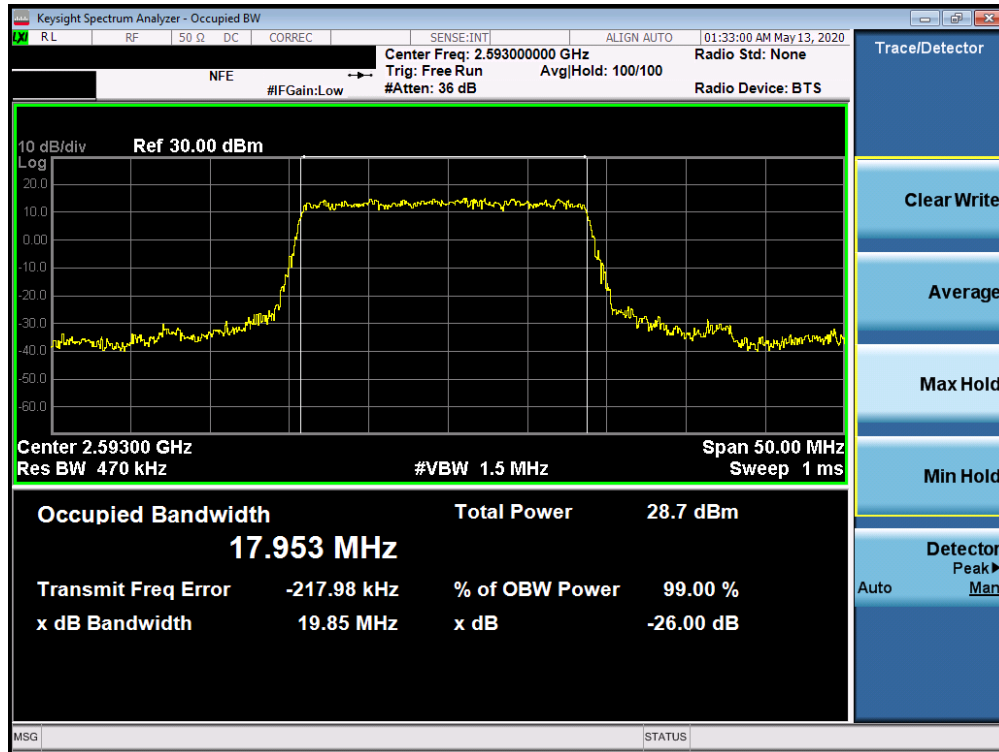
Plot 7-202. Occupied Bandwidth Plot (Band 41 (PC3) - 20.0MHz 16-QAM - Full RB Configuration)



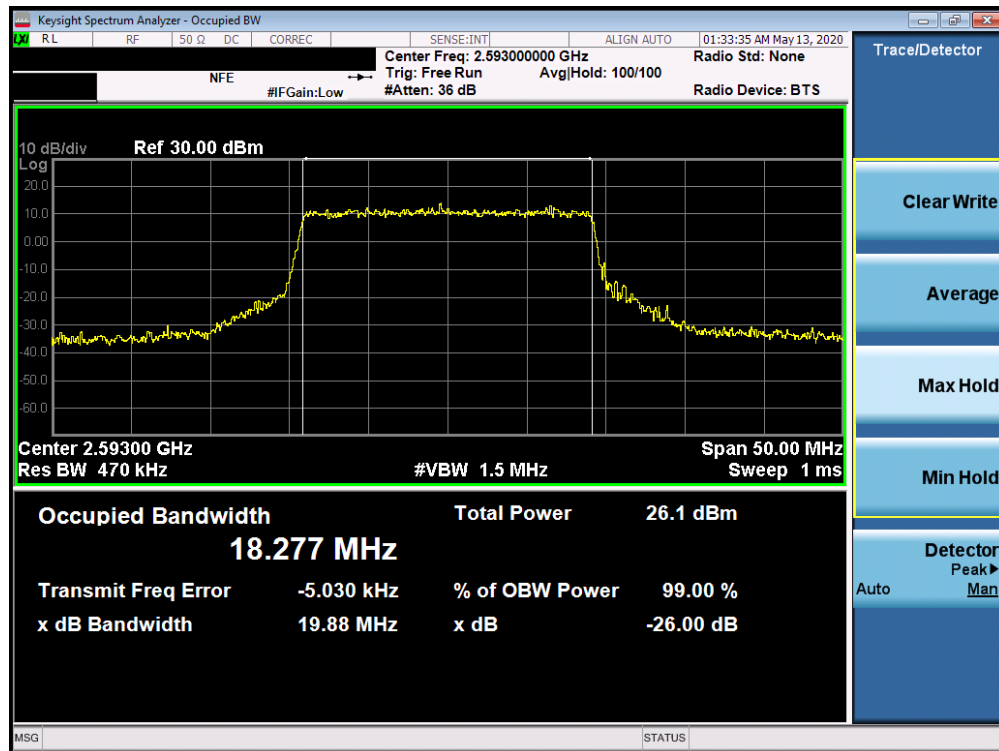
Plot 7-203. Occupied Bandwidth Plot (Band 41 (PC3) - 20.0MHz 64-QAM - Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 120 of 420

NR Band n41

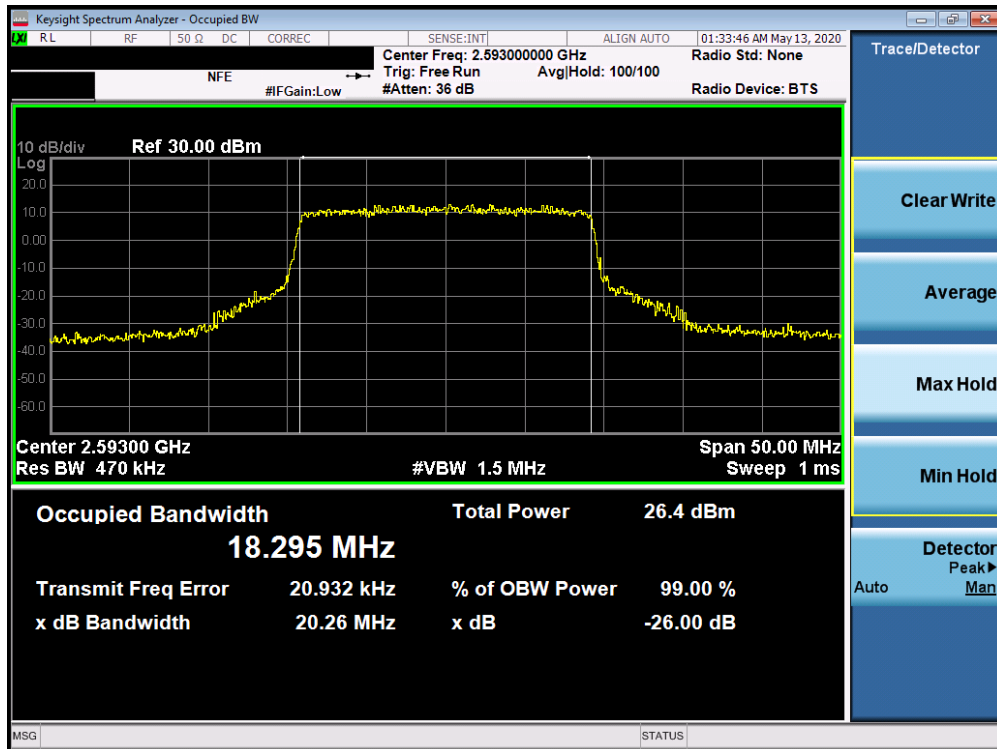


Plot 7-204. Occupied Bandwidth Plot (n41 20MHz BPSK-DFT-s-OFDM - Full RB Configuration)

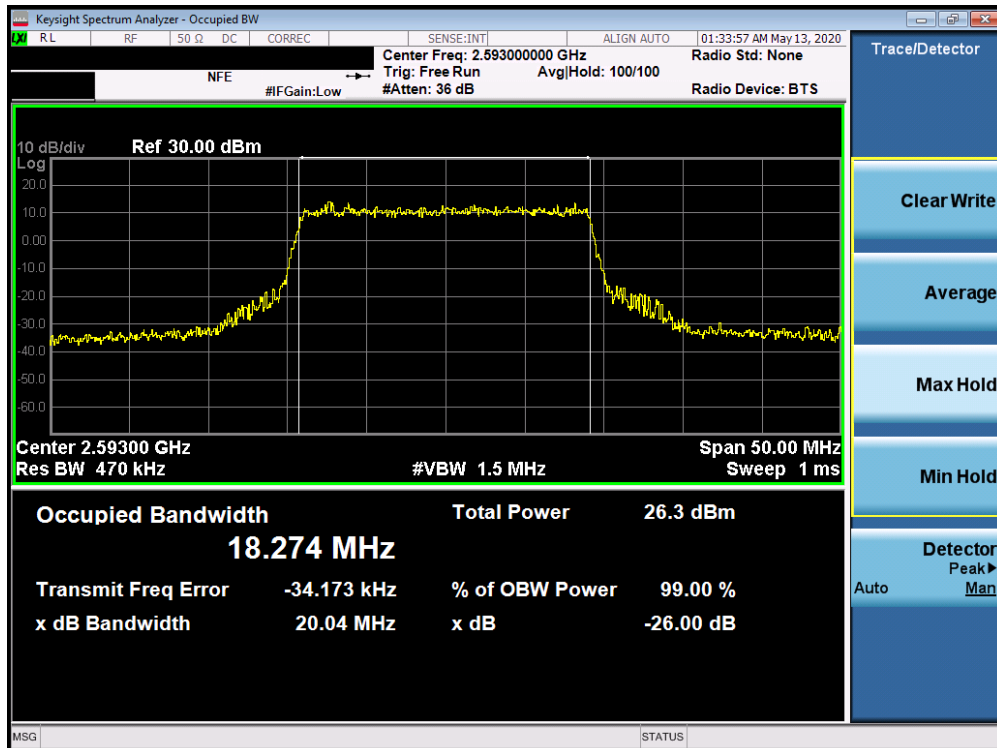


Plot 7-205. Occupied Bandwidth Plot (n41 20MHz QPSK-CP-OFDM - Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 121 of 420

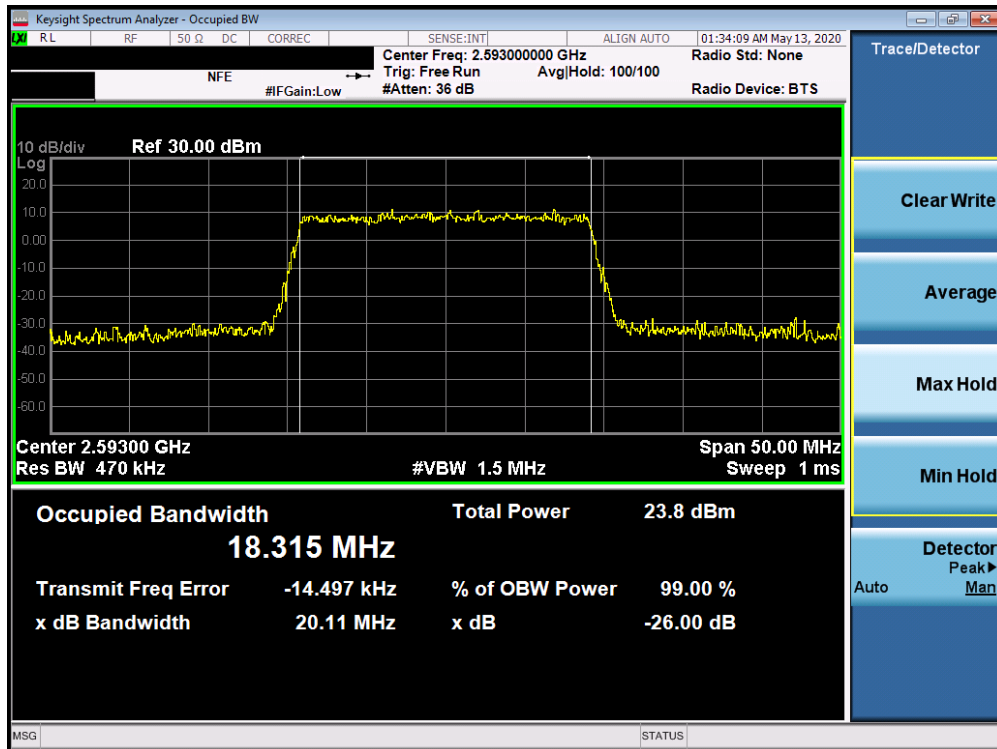


Plot 7-206. Occupied Bandwidth Plot (n41 20MHz 16QAM-CP-OFDM - Full RB Configuration)

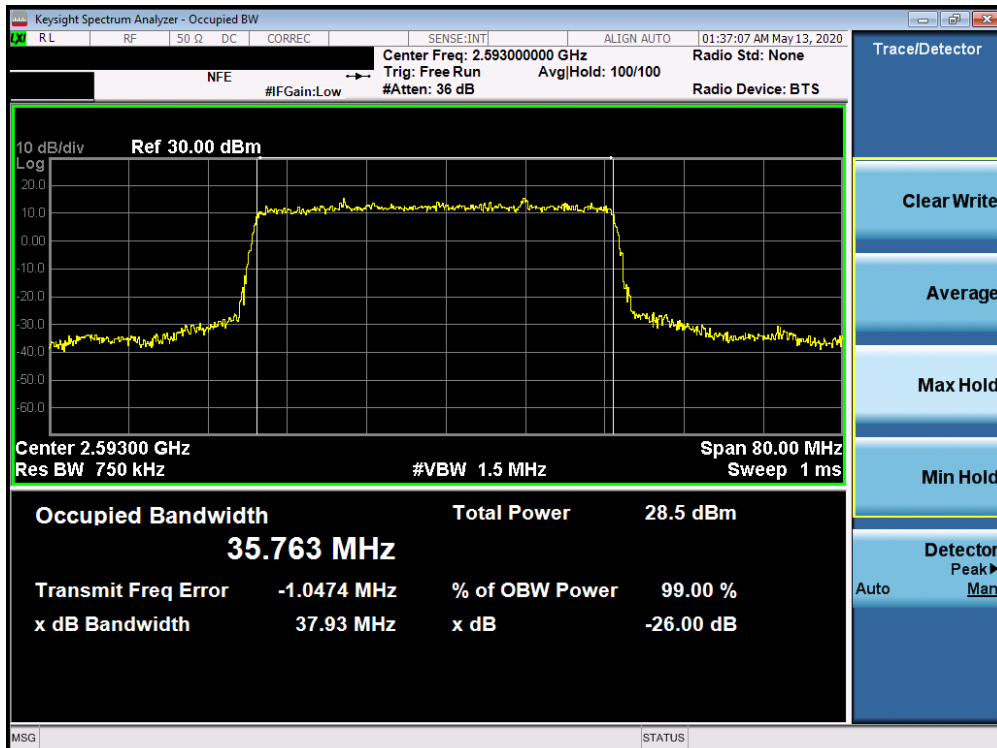


Plot 7-207. Occupied Bandwidth Plot (n41 20MHz 64QAM-CP-OFDM- Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 122 of 420

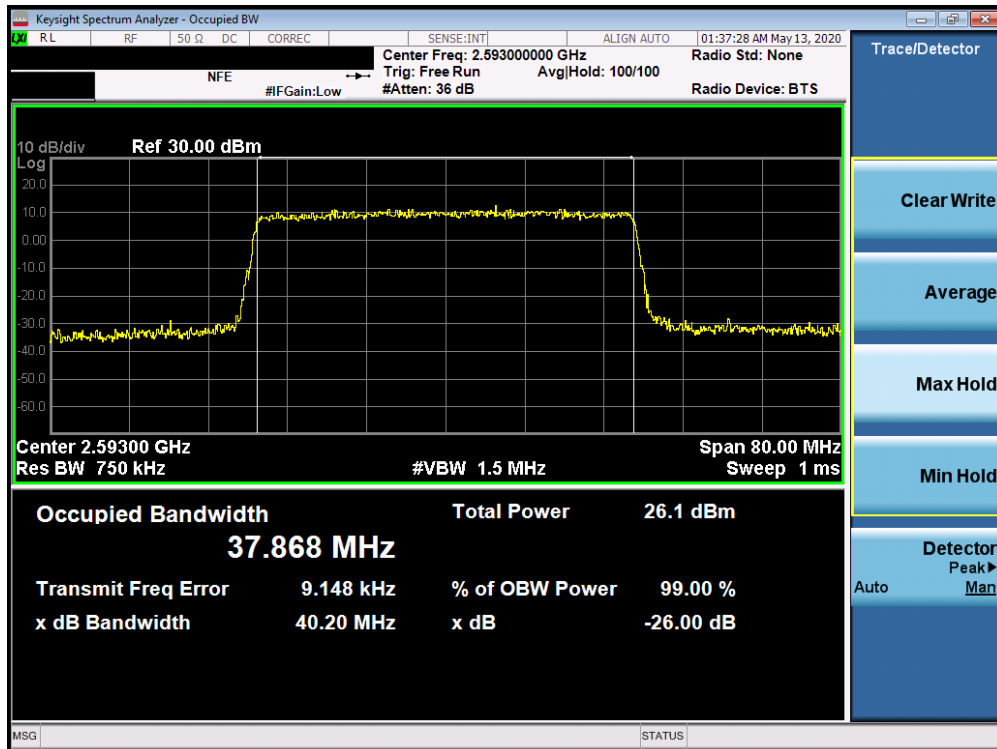


Plot 7-208. Occupied Bandwidth Plot (n41 20MHz 256QAM-CP-OFDM- Full RB Configuration)

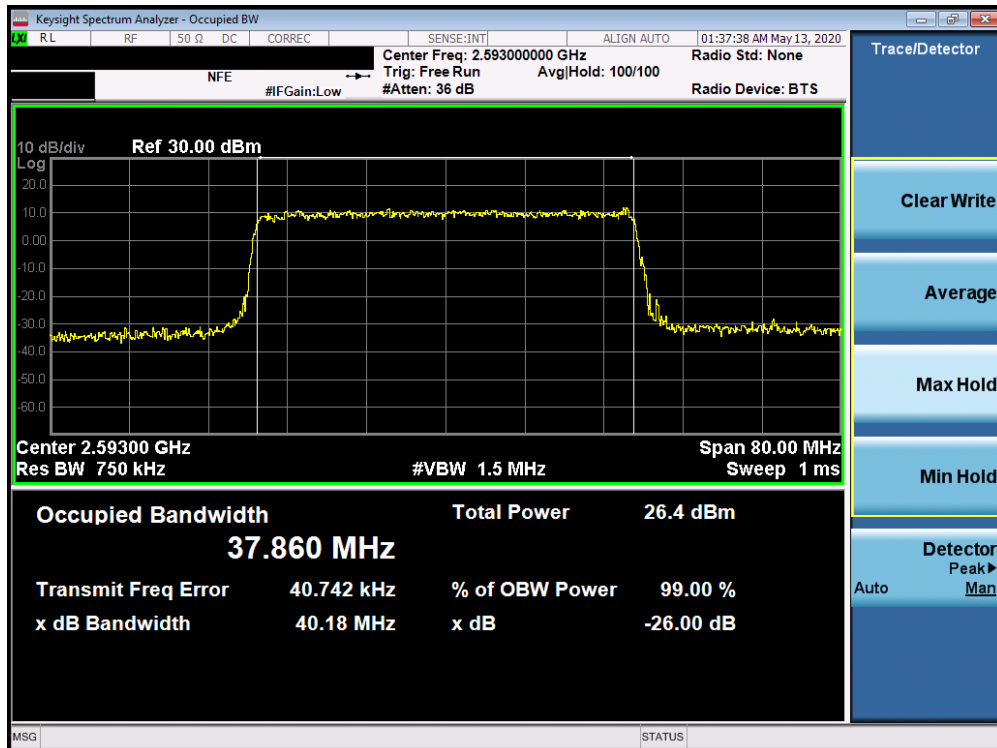


Plot 7-209. Occupied Bandwidth Plot (n41 40MHz BPSK-DFT-s-OFDM - Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 123 of 420

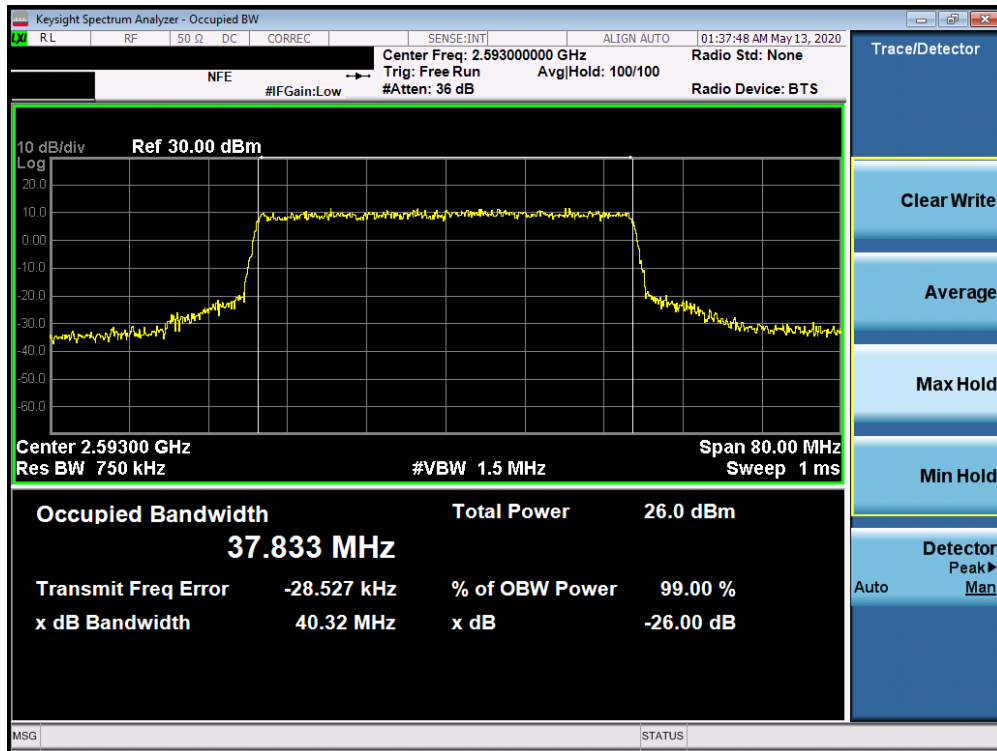


Plot 7-210. Occupied Bandwidth Plot (n41 40MHz QPSK-CP-OFDM - Full RB Configuration)

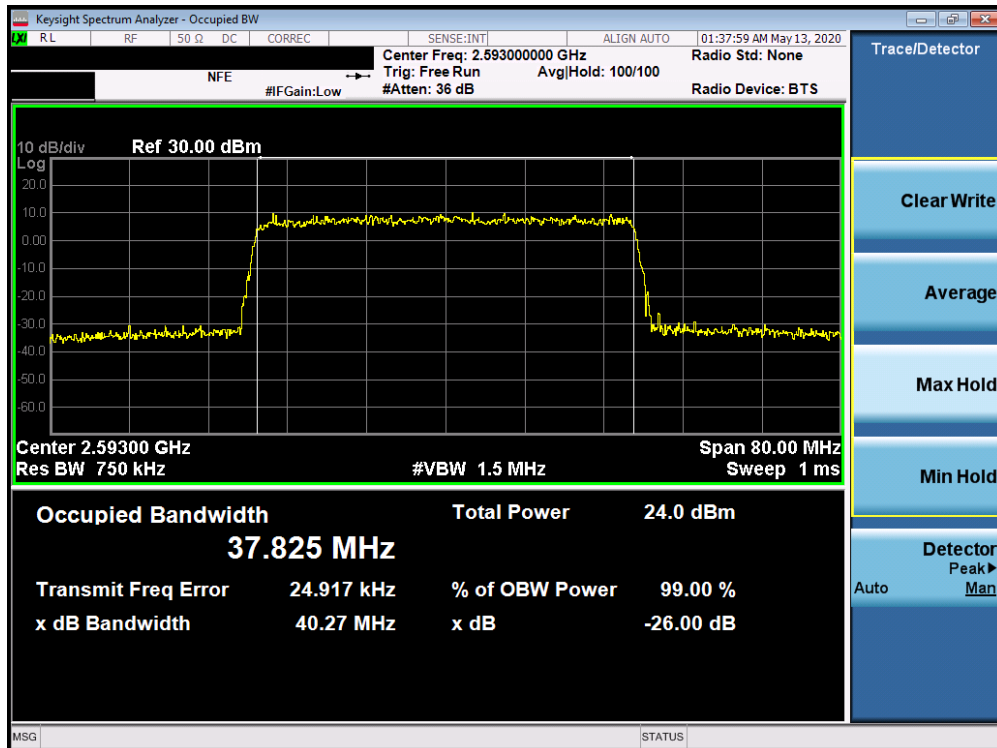


Plot 7-211. Occupied Bandwidth Plot (n41 40MHz 16QAM-CP-OFDM - Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 124 of 420

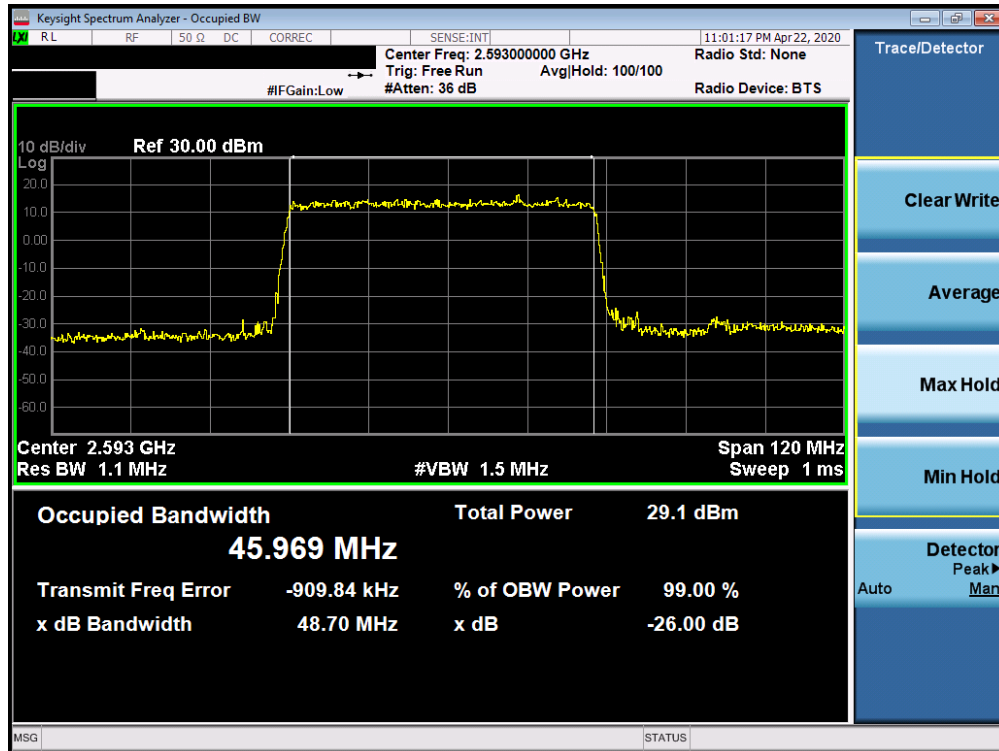


Plot 7-212. Occupied Bandwidth Plot (n41 40MHz 64QAM-CP-OFDM- Full RB Configuration)

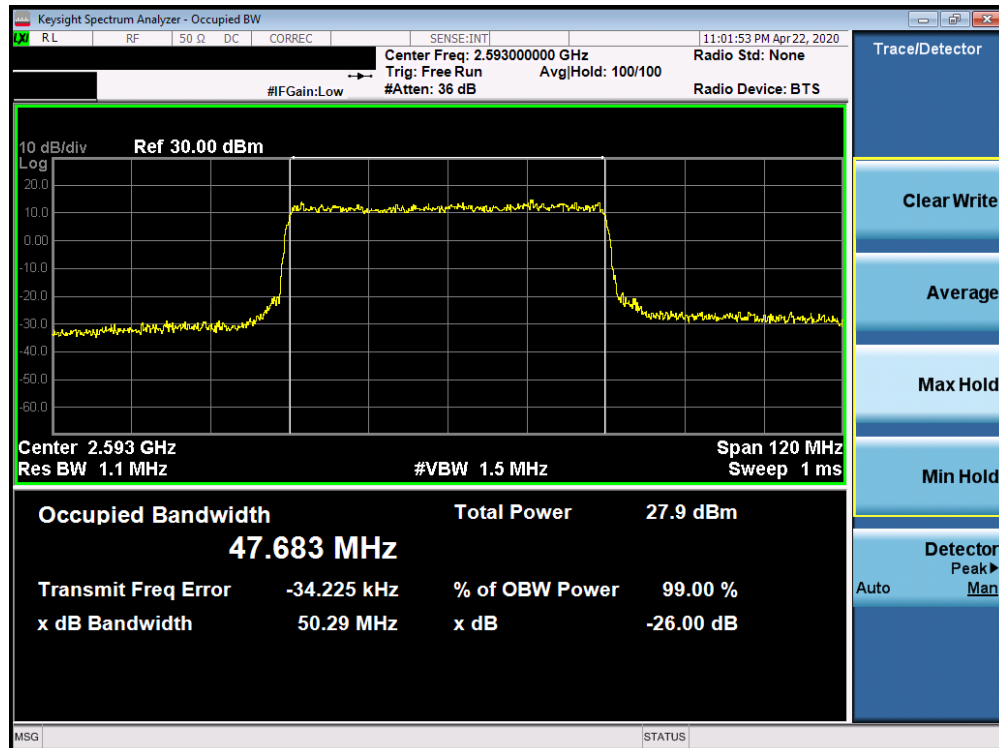


Plot 7-213. Occupied Bandwidth Plot (n41 40MHz 256QAM-CP-OFDM- Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 125 of 420

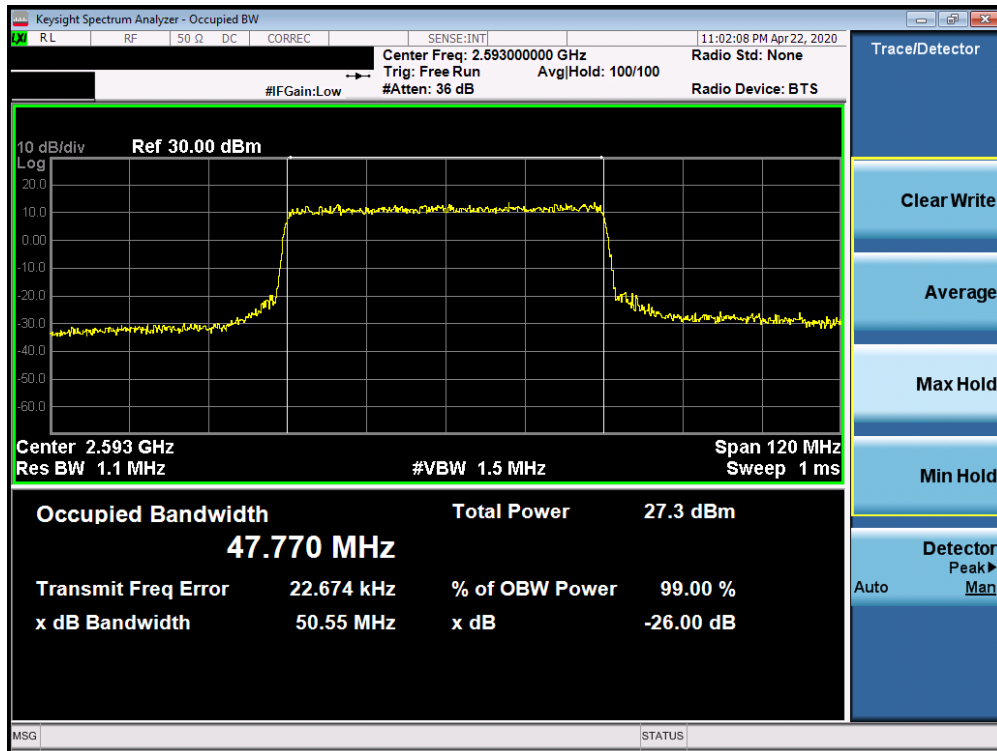


Plot 7-214. Occupied Bandwidth Plot (n41 50MHz BPSK-DFT-s-OFDM - Full RB Configuration)

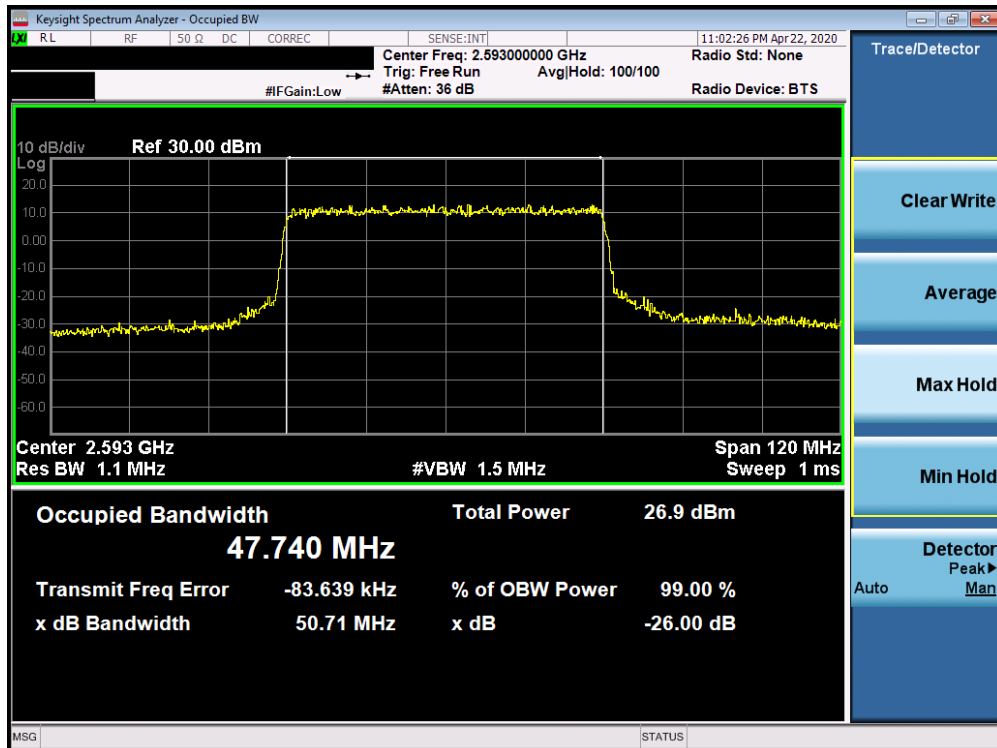


Plot 7-215. Occupied Bandwidth Plot (n41 50MHz QPSK-CP-OFDM - Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 126 of 420

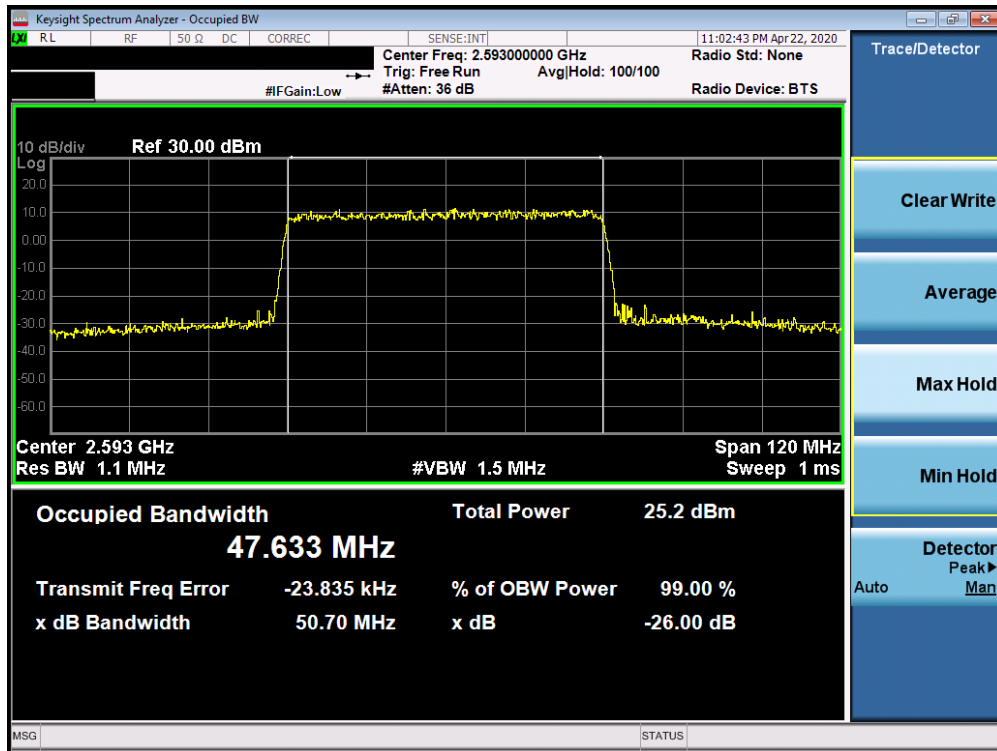


Plot 7-216. Occupied Bandwidth Plot (n41 50MHz 16QAM-CP-OFDM - Full RB Configuration)

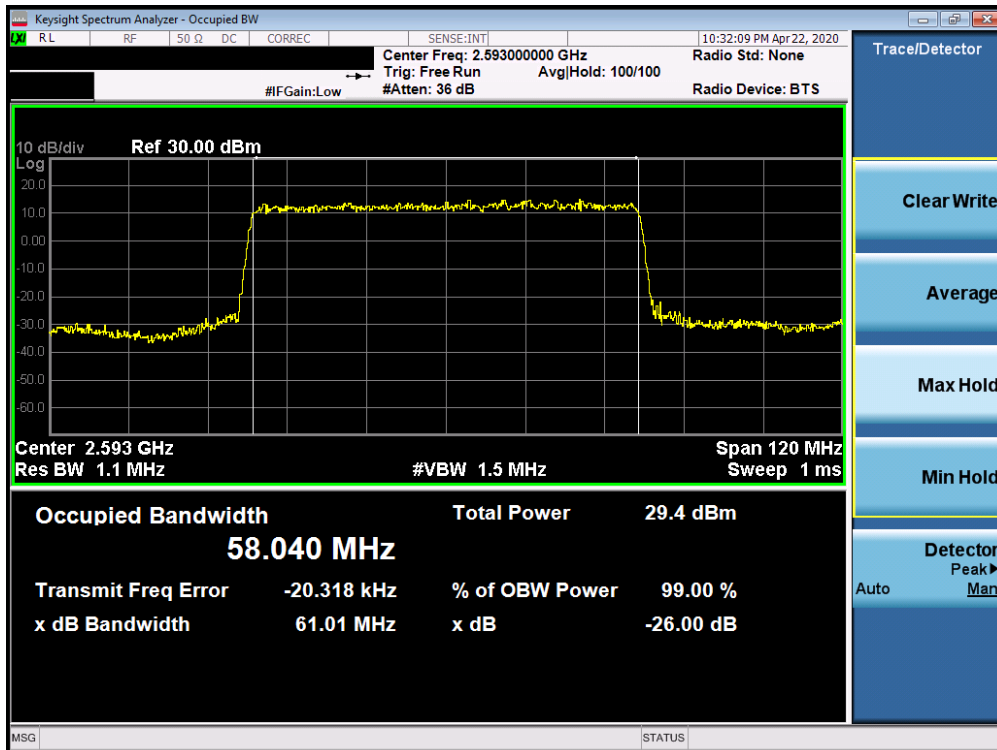


Plot 7-217. Occupied Bandwidth Plot (n41 50MHz 64QAM-CP-OFDM- Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 127 of 420

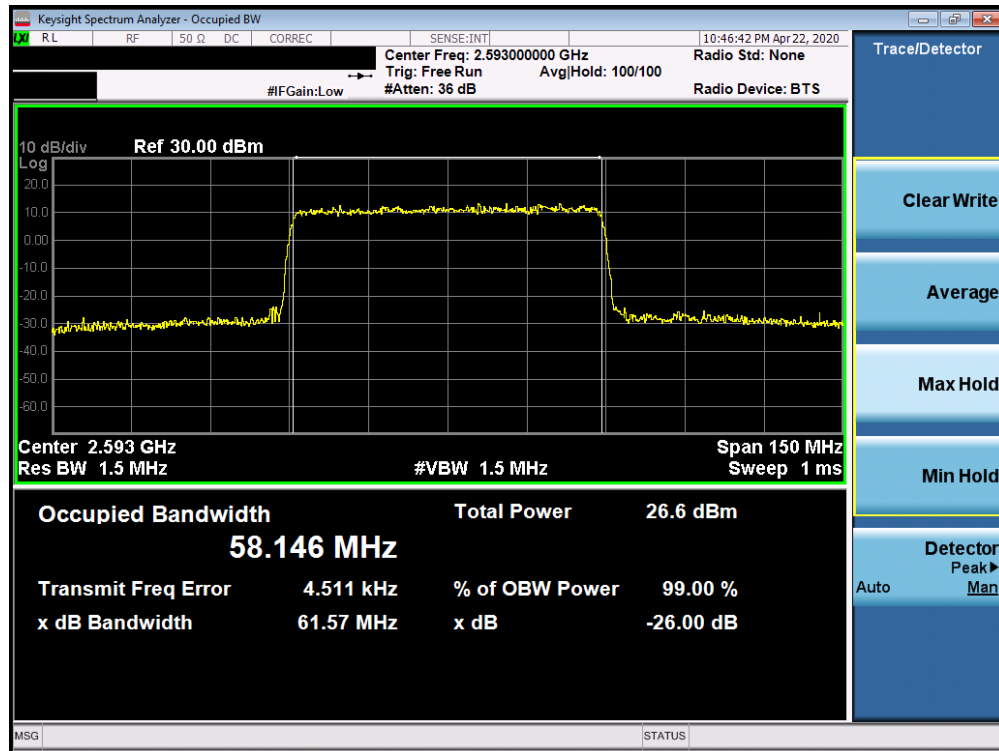


Plot 7-218. Occupied Bandwidth Plot (n41 50MHz 256QAM-CP-OFDM- Full RB Configuration)

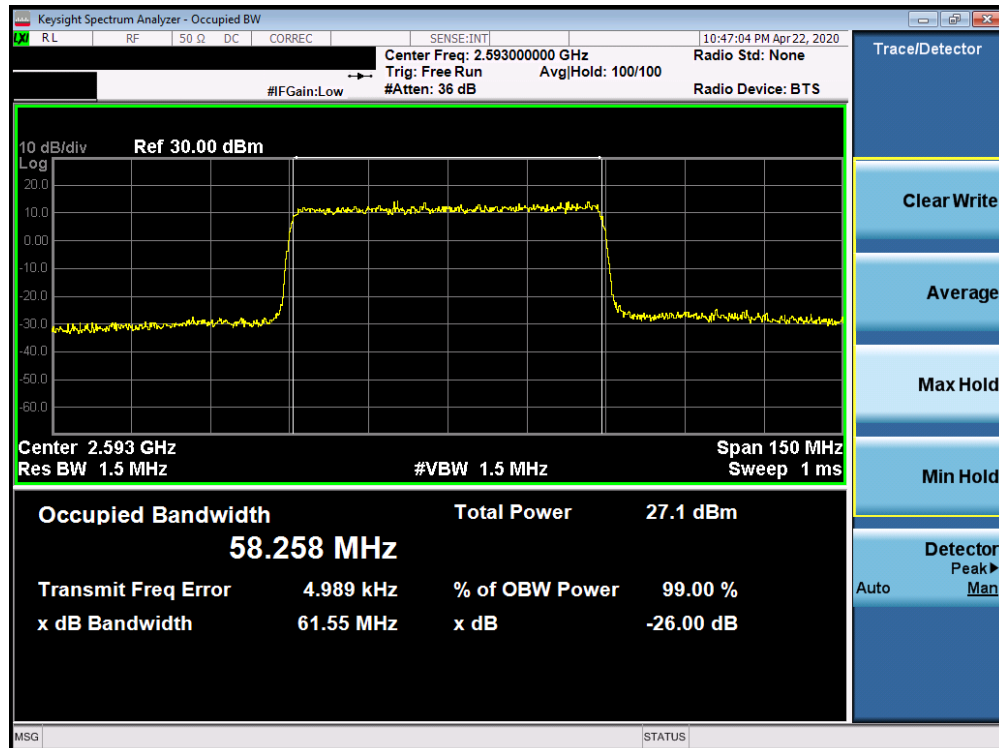


Plot 7-219. Occupied Bandwidth Plot (n41 60MHz BPSK-DFT-s-OFDM - Full RB Configuration)

FCC ID: A3LSMA716U	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 128 of 420

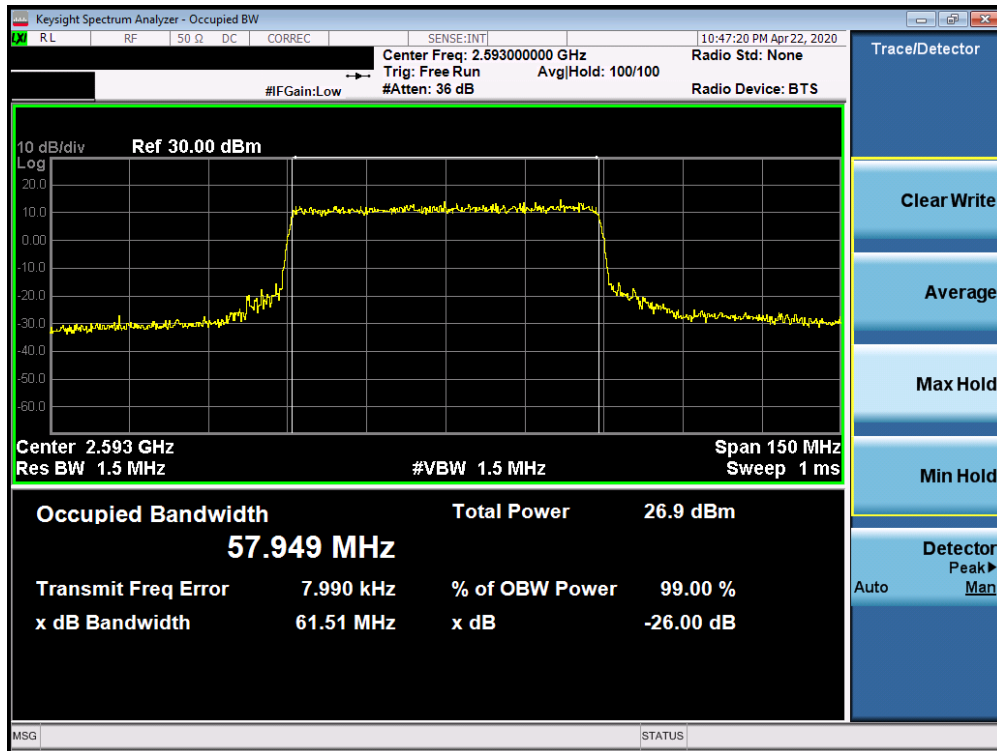


Plot 7-220. Occupied Bandwidth Plot (n41 60MHz QPSK-CP-OFDM - Full RB Configuration)

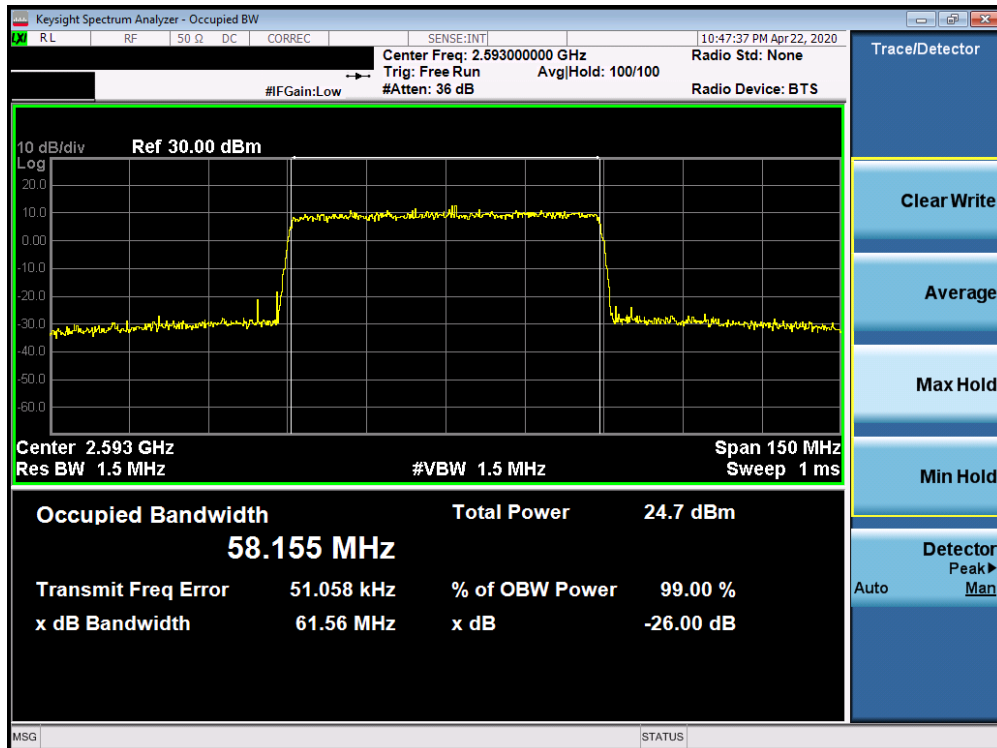


Plot 7-221. Occupied Bandwidth Plot (n41 60MHz 16QAM-CP-OFDM - Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 129 of 420

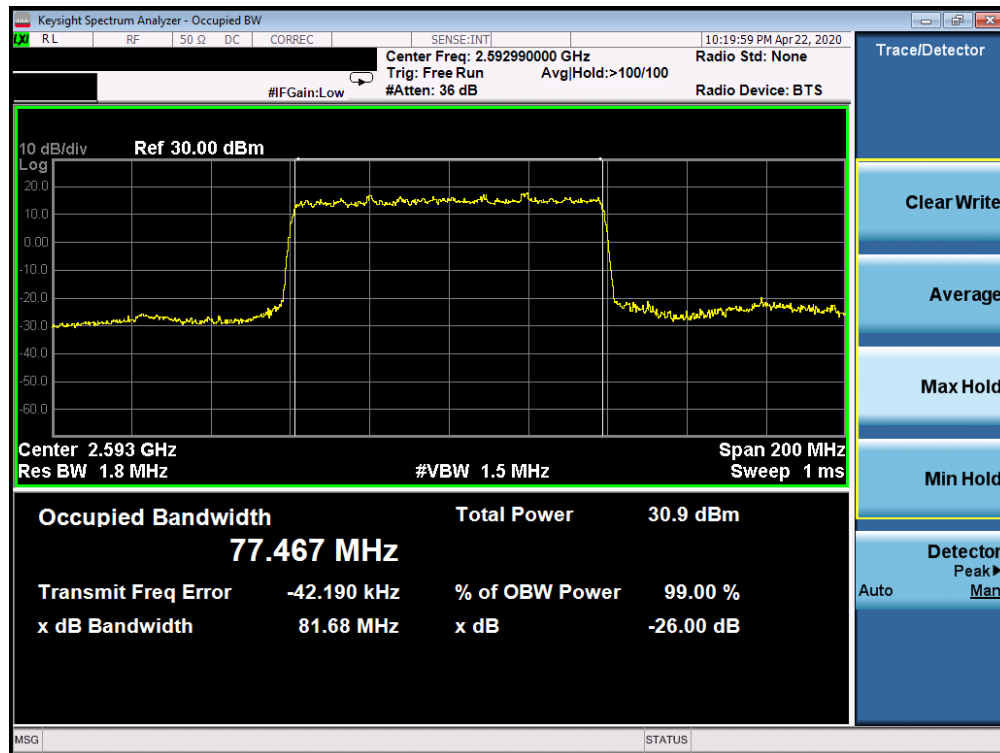


Plot 7-222. Occupied Bandwidth Plot (n41 60MHz 64QAM-CP-OFDM- Full RB Configuration)



Plot 7-223. Occupied Bandwidth Plot (n41 60MHz 256QAM-CP-OFDM- Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 130 of 420

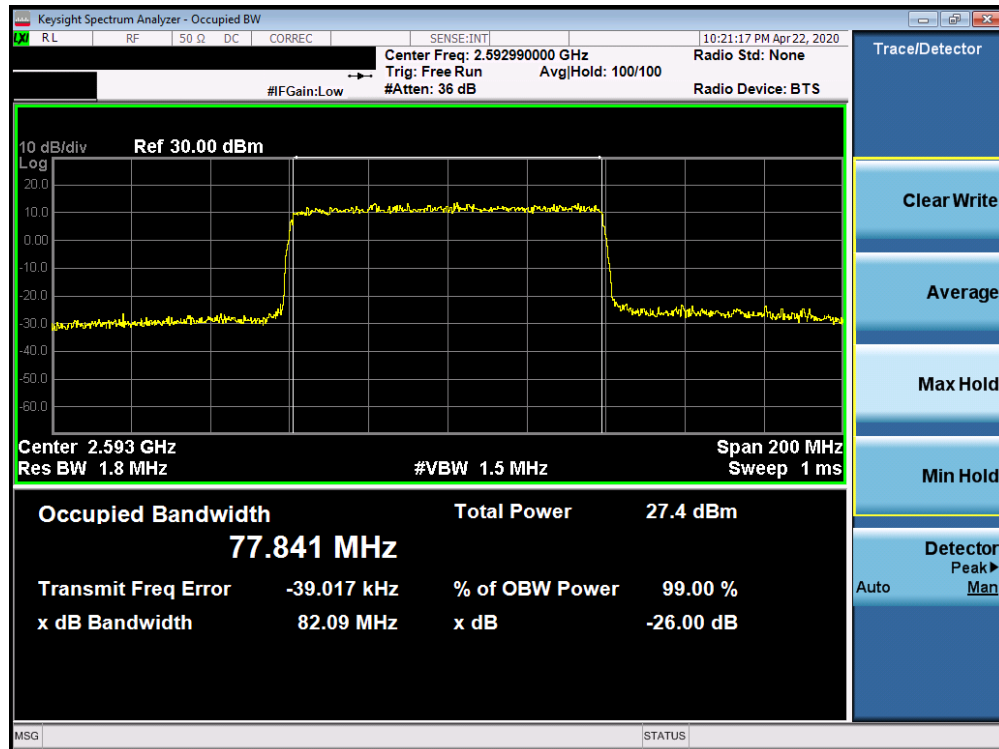


Plot 7-224. Occupied Bandwidth Plot (n41 80MHz BPSK-DFT-s-OFDM - Full RB Configuration)

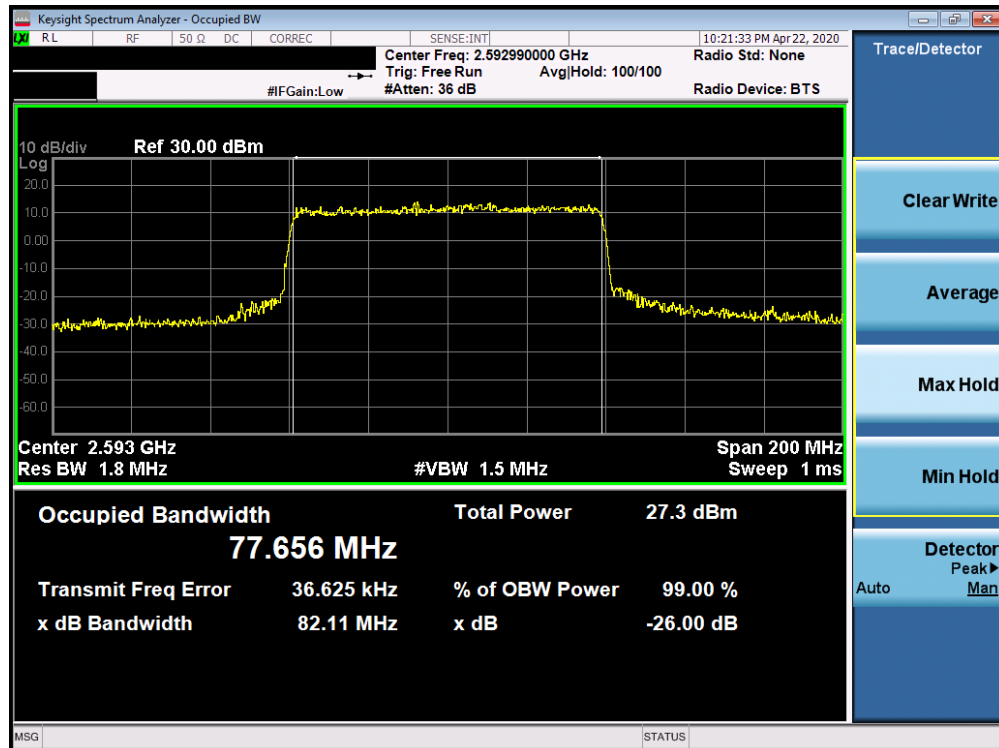


Plot 7-225. Occupied Bandwidth Plot (n41 80MHz QPSK-CP-OFDM - Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 131 of 420



Plot 7-226. Occupied Bandwidth Plot (n41 80MHz 16QAM-CP-OFDM - Full RB Configuration)



Plot 7-227. Occupied Bandwidth Plot (n41 80MHz 64QAM-CP-OFDM- Full RB Configuration)

FCC ID: A3LSMA716U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2003200047-11.A3L	Test Dates: 3/23 - 5/7/2020	EUT Type: Portable Handset		Page 132 of 420