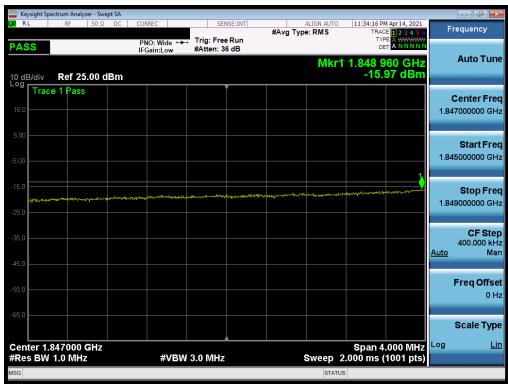


## LTE Band 25/2



Plot 7-113. Lower Band Edge Plot (LTE Band 25/2 - 20MHz QPSK - Full RB)



Plot 7-114. Extended Lower Band Edge Plot (LTE Band 25/2 - 20MHz QPSK - Full RB)

FCC ID: A3LSMF711U	PCTEST* Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 79 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Faye 19 01 203

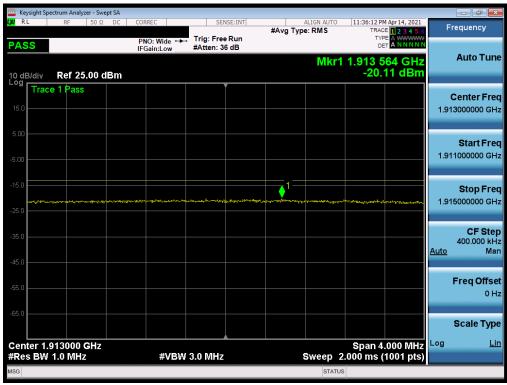
© 2021 PCTEST

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microflim, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.





Plot 7-115. Upper Band Edge Plot (LTE Band 2 - 20MHz QPSK - Full RB)



Plot 7-116. Extended Upper Band Edge Plot (LTE Band 2 - 20MHz QPSK - Full RB)

FCC ID: A3LSMF711U	PCTEST Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 80 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Fage 60 01 203





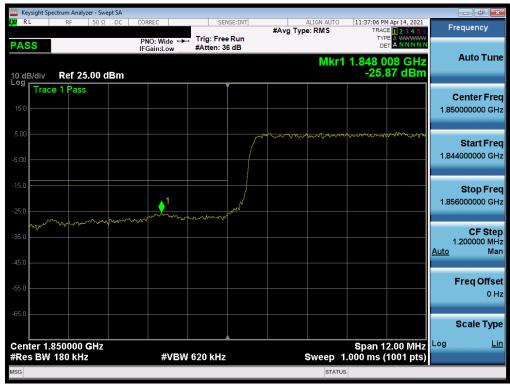
Plot 7-117. Upper Band Edge Plot (LTE Band 25 - 20MHz QPSK - Full RB)



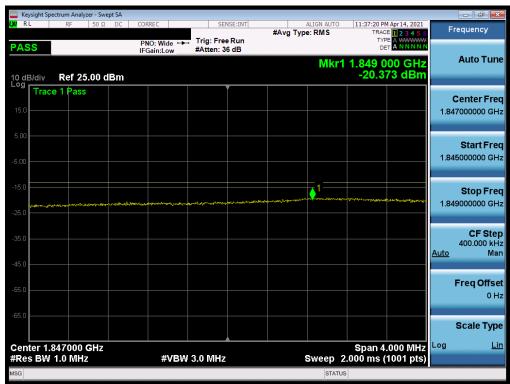
Plot 7-118. Extended Upper Band Edge Plot (LTE Band 25 - 20MHz QPSK - Full RB)

FCC ID: A3LSMF711U	PCTEST* Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Dogo 91 of 202
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Page 81 of 203
© 2021 PCTEST				V2 3/15/2021





Plot 7-119. Lower Band Edge Plot (LTE Band 25/2 - 15MHz QPSK - Full RB)



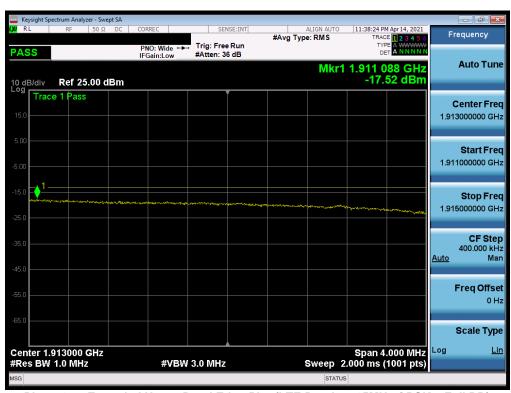
Plot 7-120. Extended Lower Band Edge Plot (LTE Band 25/2 - 15MHz QPSK - Full RB)

FCC ID: A3LSMF711U	PCTEST* Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 82 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Page 82 01 203
© 2021 PCTEST				V2 3/15/2021





Plot 7-121. Upper Band Edge Plot (LTE Band 2 - 15MHz QPSK - Full RB)



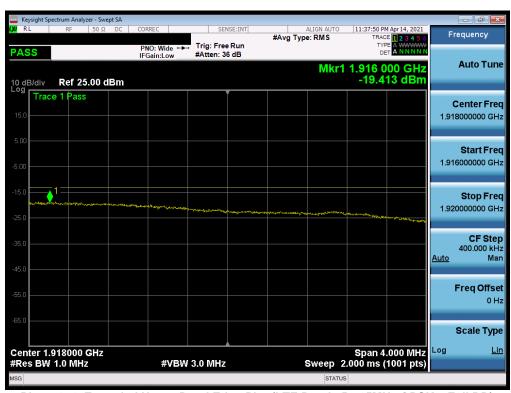
Plot 7-122. Extended Upper Band Edge Plot (LTE Band 2 - 15MHz QPSK - Full RB)

FCC ID: A3LSMF711U	PCTEST* Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 83 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Page 83 01 203
© 2021 PCTEST				V2 3/15/2021





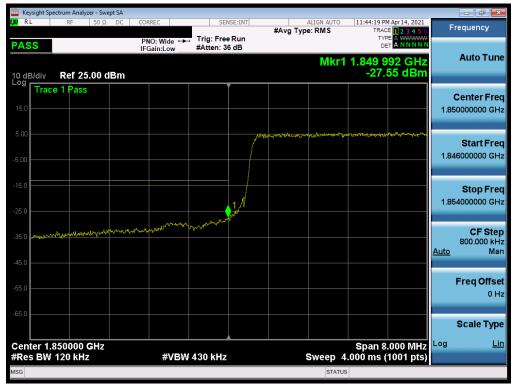
Plot 7-123. Upper Band Edge Plot (LTE Band 25 - 15MHz QPSK - Full RB)



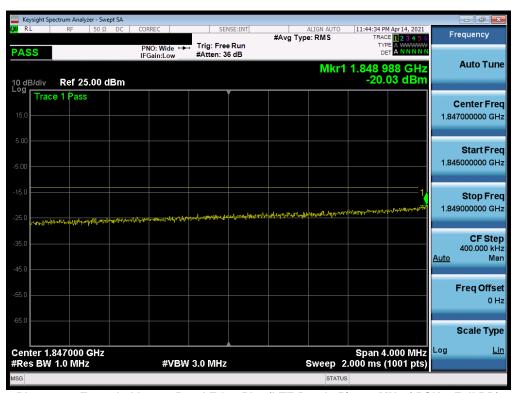
Plot 7-124. Extended Upper Band Edge Plot (LTE Band 25 - 15MHz QPSK - Full RB)

FCC ID: A3LSMF711U	PCTEST: Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Dogo 94 of 202
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Page 84 of 203
© 2021 PCTEST				V2 3/15/2021





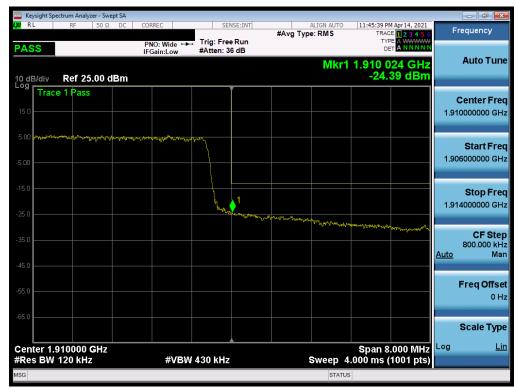
Plot 7-125. Lower Band Edge Plot (LTE Band 25/2 - 10MHz QPSK - Full RB)



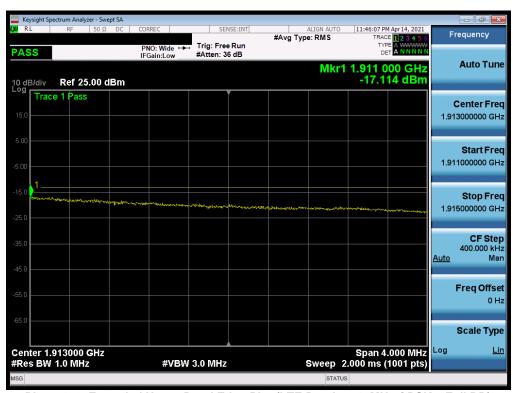
Plot 7-126. Extended Lower Band Edge Plot (LTE Band 25/2 - 10MHz QPSK - Full RB)

FCC ID: A3LSMF711U	PCTEST Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 85 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Fage 65 01 203





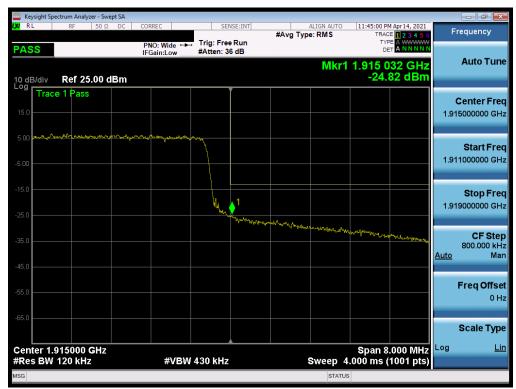
Plot 7-127. Upper Band Edge Plot (LTE Band 2 - 10MHz QPSK - Full RB)



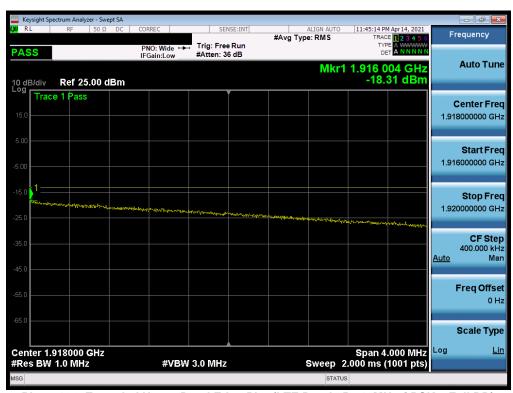
Plot 7-128. Extended Upper Band Edge Plot (LTE Band 2 - 10MHz QPSK - Full RB)

FCC ID: A3LSMF711U	PCTEST* Proud to be post of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 86 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Page 86 01 203
© 2021 PCTEST				V2 3/15/2021





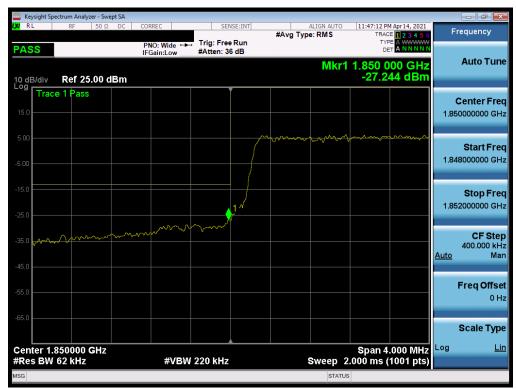
Plot 7-129. Upper Band Edge Plot (LTE Band 25 - 10MHz QPSK - Full RB)



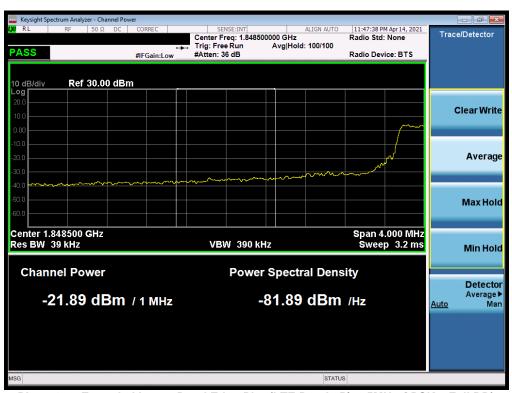
Plot 7-130. Extended Upper Band Edge Plot (LTE Band 25 - 10MHz QPSK - Full RB)

FCC ID: A3LSMF711U	PCTEST* Proud to be post of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Dogo 97 of 202
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Page 87 of 203
© 2021 PCTEST				V2 3/15/2021





Plot 7-131. Lower Band Edge Plot (LTE Band 25/2 - 5MHz QPSK - Full RB)



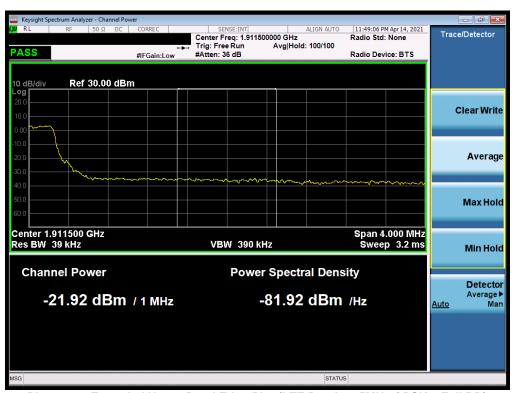
Plot 7-132. Extended Lower Band Edge Plot (LTE Band 25/2 - 5MHz QPSK - Full RB)

FCC ID: A3LSMF711U	Proud to be post of @ element	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 99 of 202
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset	Page 88 of 203
© 2021 PCTEST			





Plot 7-133. Upper Band Edge Plot (LTE Band 2 - 5MHz QPSK - Full RB)

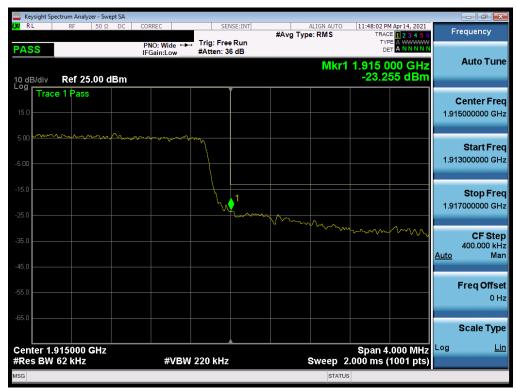


Plot 7-134. Extended Upper Band Edge Plot (LTE Band 2 - 5MHz QPSK - Full RB)

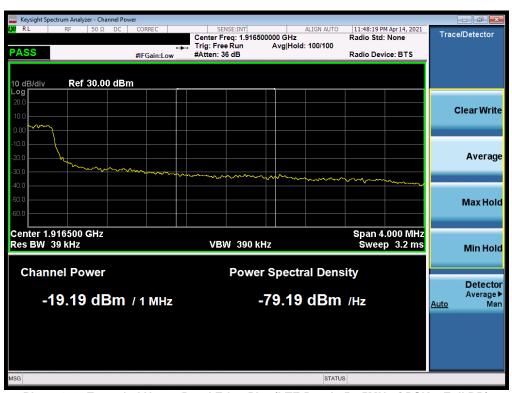
FCC ID: A3LSMF711U	Proud to be post of @ element	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 90 of 202
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset	Page 89 of 203
© 2021 PCTEST			

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.





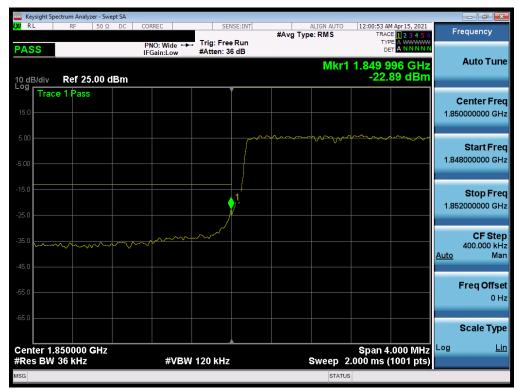
Plot 7-135. Upper Band Edge Plot (LTE Band 25 - 5MHz QPSK - Full RB)



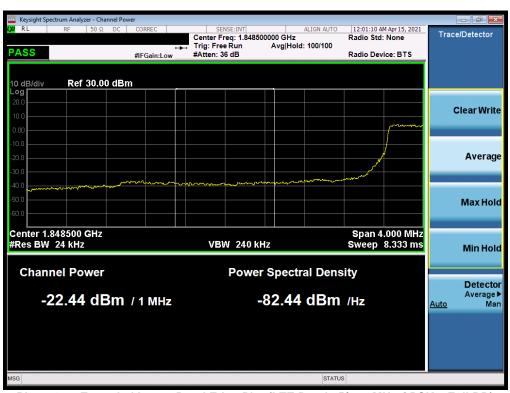
Plot 7-136. Extended Upper Band Edge Plot (LTE Band 25 - 5MHz QPSK - Full RB)

FCC ID: A3LSMF711U	Proud to be post of @ element	PART 24 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 00 of 202
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset	Page 90 of 203
© 2021 PCTEST			





Plot 7-137. Lower Band Edge Plot (LTE Band 25/2 - 3MHz QPSK - Full RB)



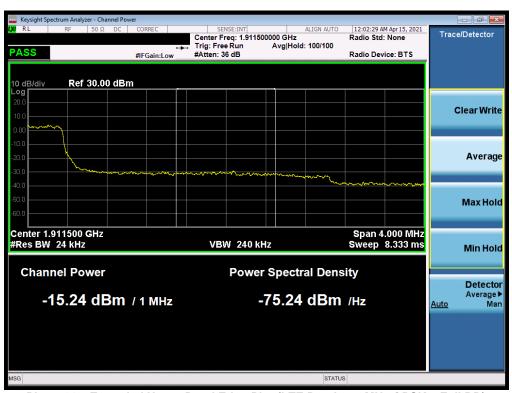
Plot 7-138. Extended Lower Band Edge Plot (LTE Band 25/2 - 3MHz QPSK - Full RB)

FCC ID: A3LSMF711U	PCTEST* Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 91 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Fage 91 01 203





Plot 7-139. Upper Band Edge Plot (LTE Band 2 - 3MHz QPSK - Full RB)



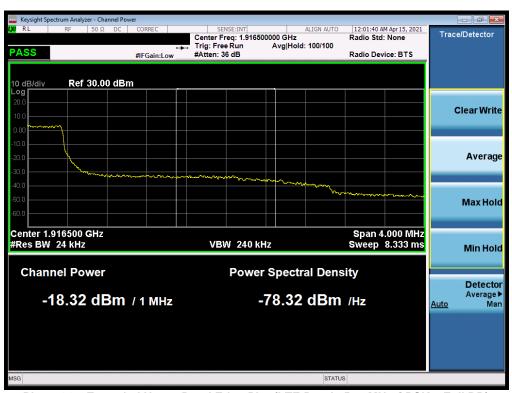
Plot 7-140. Extended Upper Band Edge Plot (LTE Band 2 - 3MHz QPSK - Full RB)

FCC ID: A3LSMF711U	PCTEST* Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 92 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Fage 92 01 203





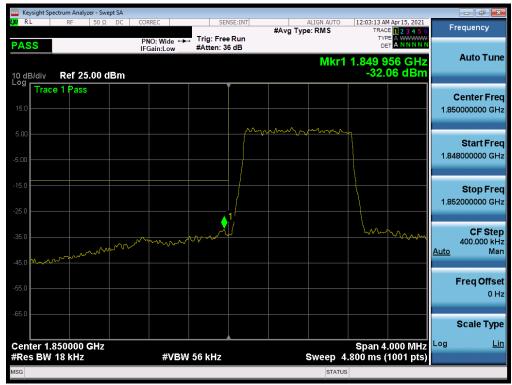
Plot 7-141. Upper Band Edge Plot (LTE Band 25 - 3MHz QPSK - Full RB)



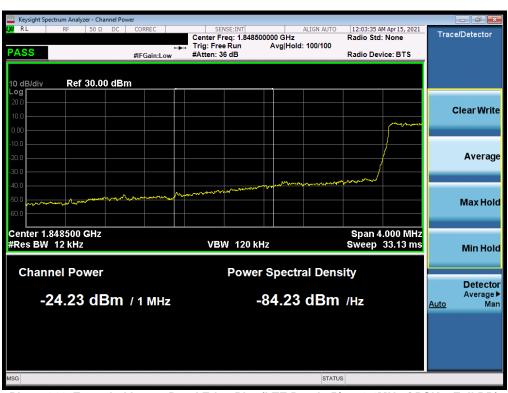
Plot 7-142. Extended Upper Band Edge Plot (LTE Band 25 - 3MHz QPSK - Full RB)

FCC ID: A3LSMF711U	PCTEST* Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 93 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Faye 33 01 203





Plot 7-143. Lower Band Edge Plot (LTE Band 25/2 – 1.4MHz QPSK – Full RB)



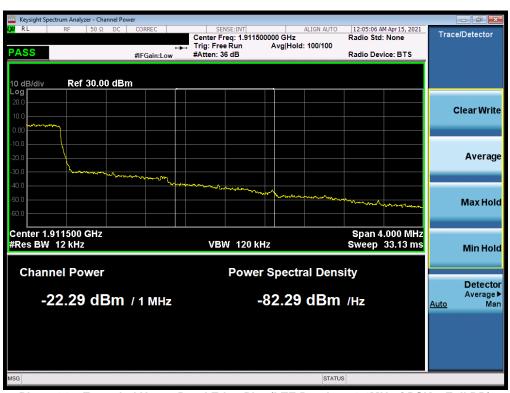
Plot 7-144. Extended Lower Band Edge Plot (LTE Band 25/2 – 1.4MHz QPSK – Full RB)

FCC ID: A3LSMF711U	PCTEST* Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 94 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Fage 94 01 203





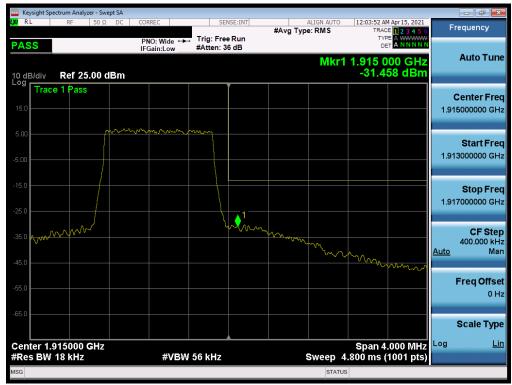
Plot 7-145. Upper Band Edge Plot (LTE Band 2 – 1.4MHz QPSK – Full RB)



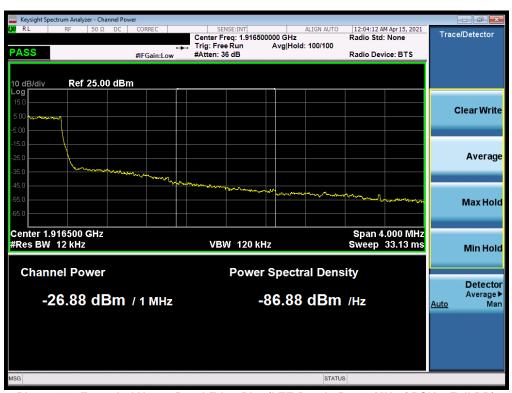
Plot 7-146. Extended Upper Band Edge Plot (LTE Band 2 – 1.4MHz QPSK – Full RB)

FCC ID: A3LSMF711U	PCTEST* Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 95 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Fage 95 01 205





Plot 7-147. Upper Band Edge Plot (LTE Band 25 - 1.4MHz QPSK - Full RB)

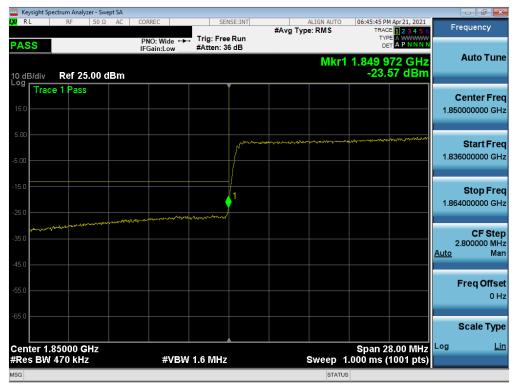


Plot 7-148. Extended Upper Band Edge Plot (LTE Band 25 – 1.4MHz QPSK – Full RB)

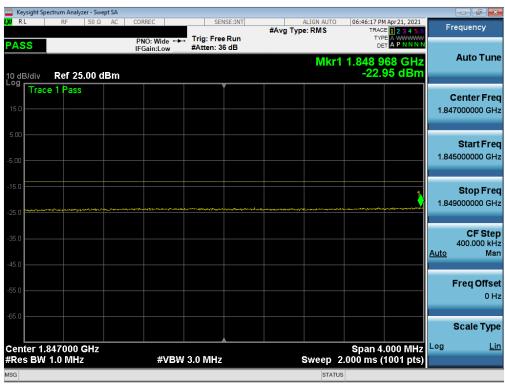
FCC ID: A3LSMF711U	PCTEST* Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 96 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Fage 90 01 203



## NR Band n25 - Ant A



Plot 7-149. Lower Band Edge Plot (NR Band n25 - 40MHz QPSK - Full RB)



Plot 7-150. Extended Lower Band Edge Plot (NR Band n25 - 40MHz QPSK - Full RB)

FCC ID: A3LSMF711U	PCTEST Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 97 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Fage 97 01 203





Plot 7-151. Upper Band Edge Plot (NR Band n25 - 40MHz QPSK - Full RB)



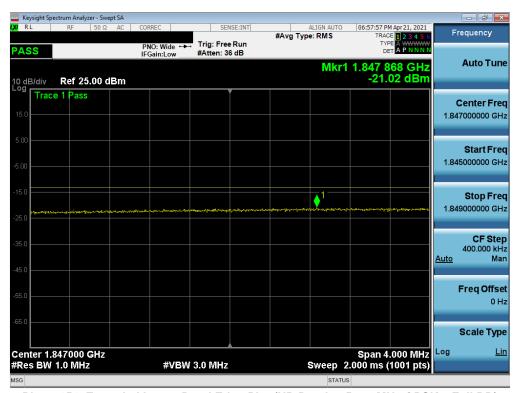
Plot 7-152. Extended Upper Band Edge Plot (NR Band n25 - 40MHz QPSK - Full RB)

FCC ID: A3LSMF711U	PCTEST* Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 98 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Faye 30 01 203





Plot 7-153. Lower Band Edge Plot (NR Band n25 - 30MHz QPSK - Full RB)



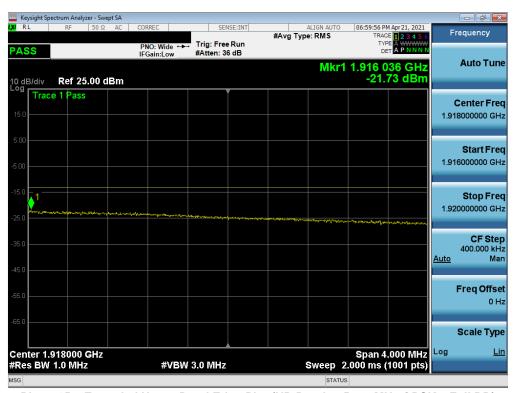
Plot 7-154. Extended Lower Band Edge Plot (NR Band n25 - 30MHz QPSK - Full RB)

FCC ID: A3LSMF711U	PCTEST* Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 99 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Faye 33 01 203





Plot 7-155. Upper Band Edge Plot (NR Band n25 - 30MHz QPSK - Full RB)



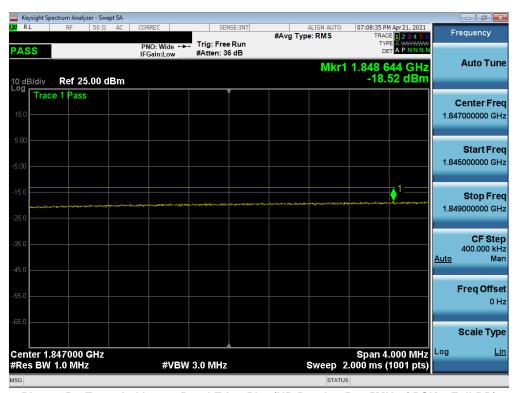
Plot 7-156. Extended Upper Band Edge Plot (NR Band n25 - 30MHz QPSK – Full RB)

FCC ID: A3LSMF711U	PCTEST* Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 100 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Fage 100 01 203





Plot 7-157. Lower Band Edge Plot (NR Band n25 - 25MHz QPSK - Full RB)



Plot 7-158. Extended Lower Band Edge Plot (NR Band n25 - 25MHz QPSK - Full RB)

FCC ID: A3LSMF711U	PCTEST* Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 101 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Fage 101 01 203





Plot 7-159. Upper Band Edge Plot (NR Band n25 - 25MHz QPSK - Full RB)

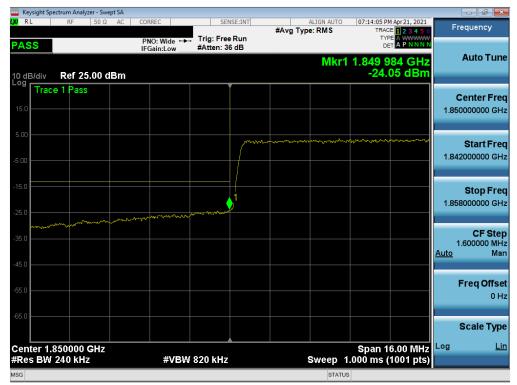


Plot 7-160. Extended Upper Band Edge Plot (NR Band n25 - 25MHz QPSK - Full RB)

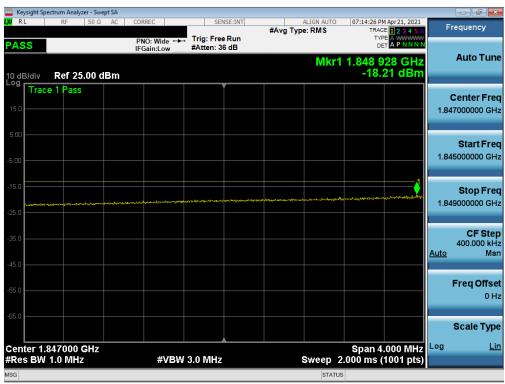
FCC ID: A3LSMF711U	PCTEST* Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 102 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Faye 102 01 203



## n25/2 - Ant A



Plot 7-161. Lower Band Edge Plot (NR Band n25/2 - 20MHz QPSK - Full RB)



Plot 7-162. Extended Lower Band Edge Plot (NR Band n25/2 - 20MHz QPSK - Full RB)

FCC ID: A3LSMF711U	PCTEST* Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 103 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Fage 103 01 203





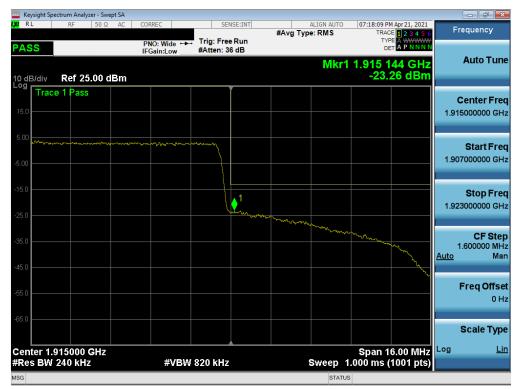
Plot 7-163. Upper Band Edge Plot (NR Band n2 - 20MHz QPSK - Full RB)



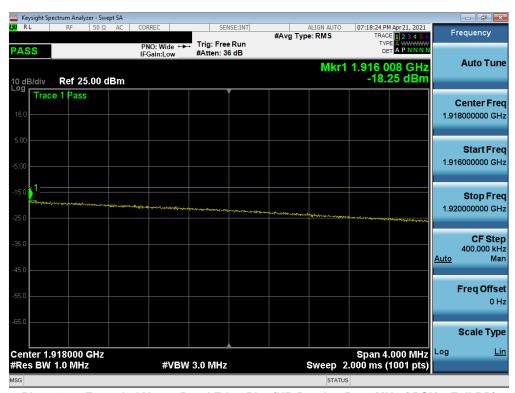
Plot 7-164. Extended Upper Band Edge Plot (NR Band n2 - 20MHz QPSK - Full RB)

FCC ID: A3LSMF711U	PCTEST* Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 104 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		rage 104 01 203





Plot 7-165. Upper Band Edge Plot (NR Band n25 - 20MHz QPSK - Full RB)



Plot 7-166. Extended Upper Band Edge Plot (NR Band n25 - 20MHz QPSK - Full RB)

FCC ID: A3LSMF711U	PCTEST* Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 105 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Fage 103 01 203





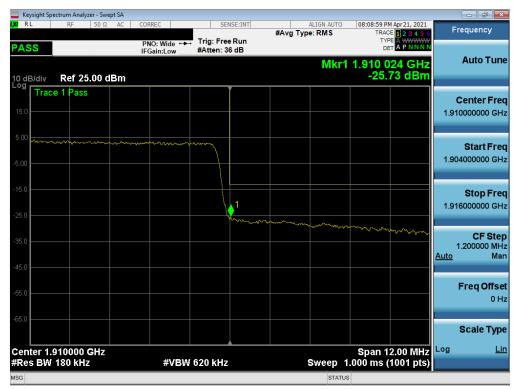
Plot 7-167. Lower Band Edge Plot (NR Band n25/2 - 15MHz QPSK - Full RB)



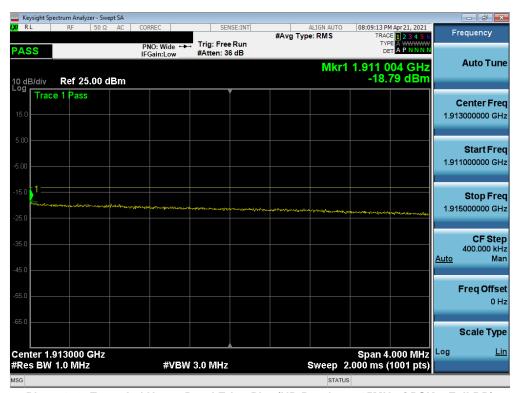
Plot 7-168. Extended Lower Band Edge Plot (NR Band n25/2 - 15MHz QPSK - Full RB)

FCC ID: A3LSMF711U	PCTEST* Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 106 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Fage 100 01 203





Plot 7-169. Upper Band Edge Plot (NR Band n2 - 15MHz QPSK - Full RB)



Plot 7-170. Extended Upper Band Edge Plot (NR Band n2 - 15MHz QPSK - Full RB)

FCC ID: A3LSMF711U	PCTEST* Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 107 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		rage 107 01 203





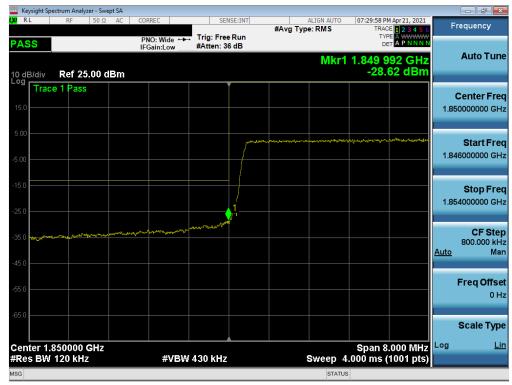
Plot 7-171. Upper Band Edge Plot (NR Band n25 - 15MHz QPSK - Full RB)



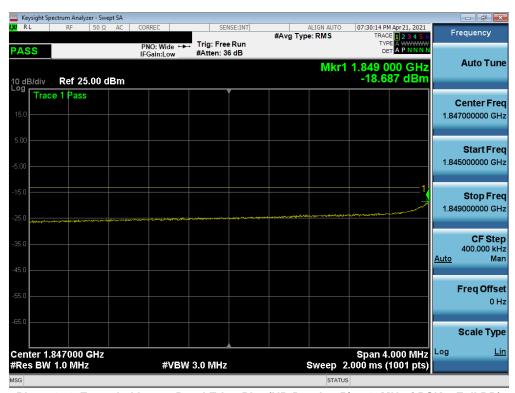
Plot 7-172. Extended Upper Band Edge Plot (NR Band n25 - 15MHz QPSK - Full RB)

FCC ID: A3LSMF711U	PCTEST* Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 108 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Fage 100 01 203





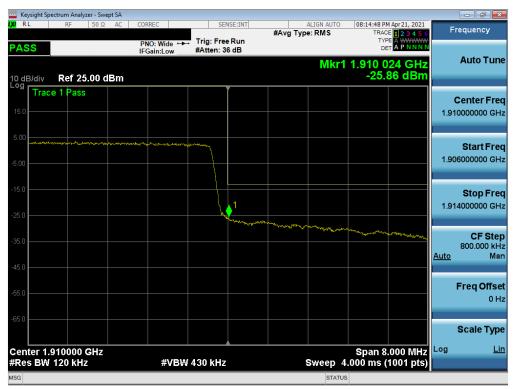
Plot 7-173. Lower Band Edge Plot (NR Band n25/2 - 10MHz QPSK - Full RB)



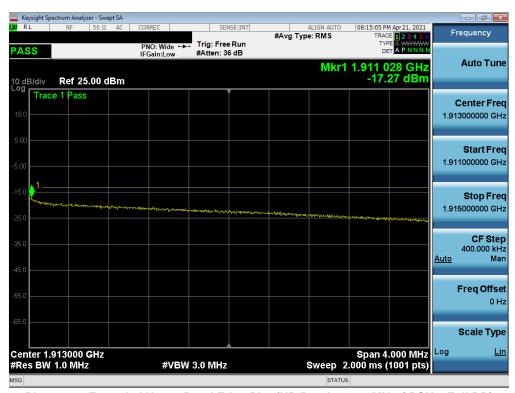
Plot 7-174. Extended Lower Band Edge Plot (NR Band n25/2 - 10MHz QPSK - Full RB)

FCC ID: A3LSMF711U	PCTEST* Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 109 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Fage 109 01 203





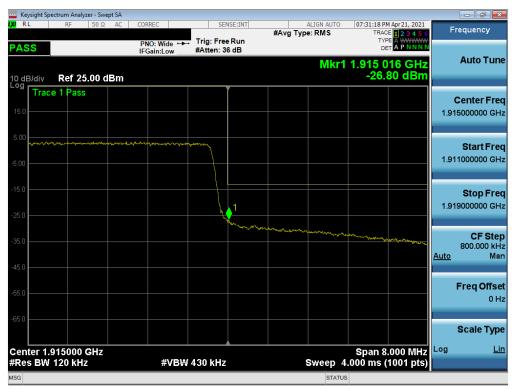
Plot 7-175. Upper Band Edge Plot (NR Band n2 - 10MHz QPSK - Full RB)



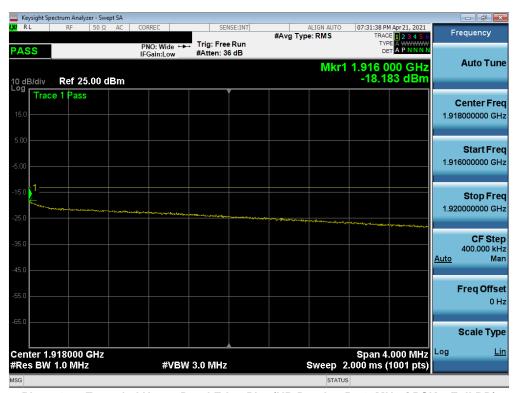
Plot 7-176. Extended Upper Band Edge Plot (NR Band n2 - 10MHz QPSK - Full RB)

FCC ID: A3LSMF711U	PCTEST* Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 110 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		rage 110 01 203





Plot 7-177. Upper Band Edge Plot (NR Band n25 - 10MHz QPSK - Full RB)



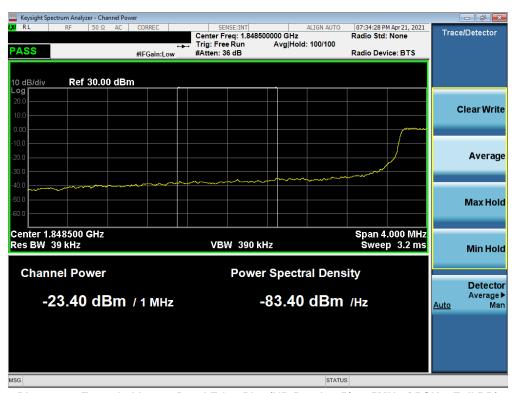
Plot 7-178. Extended Upper Band Edge Plot (NR Band n25 - 10MHz QPSK - Full RB)

FCC ID: A3LSMF711U	PCTEST* Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 111 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		raye iii 01203





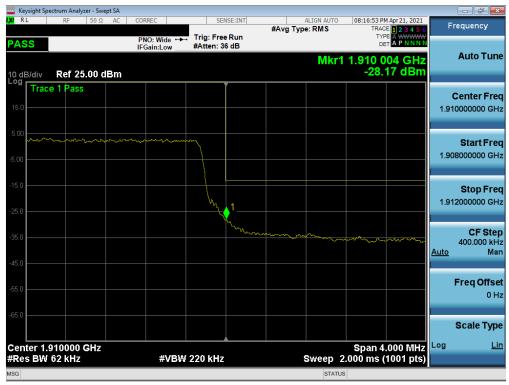
Plot 7-179. Lower Band Edge Plot (NR Band n25/2 - 5MHz QPSK - Full RB)



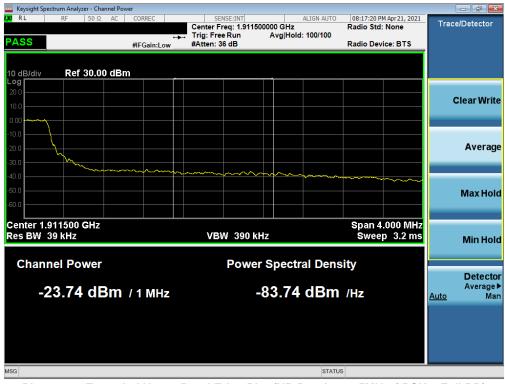
Plot 7-180. Extended Lower Band Edge Plot (NR Band n25/2 – 5MHz QPSK – Full RB)

FCC ID: A3LSMF711U	PCTEST Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 112 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Fage 112 01 203





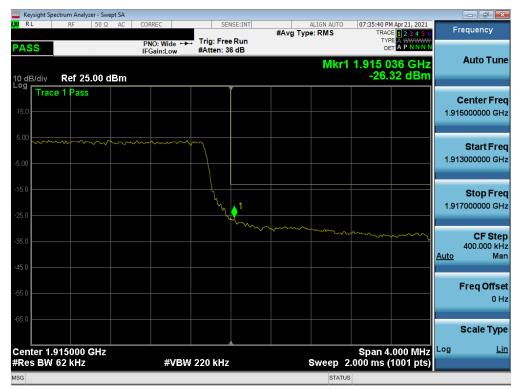
Plot 7-181. Upper Band Edge Plot (NR Band n2 - 5MHz QPSK - Full RB)



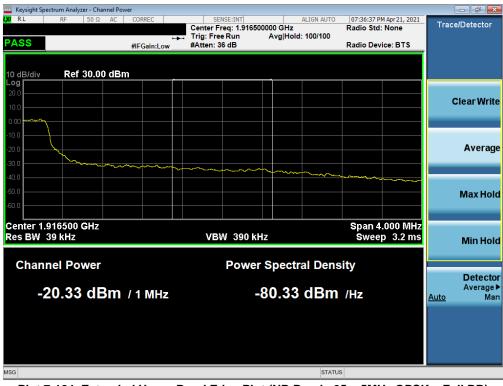
Plot 7-182. Extended Upper Band Edge Plot (NR Band n2 – 5MHz QPSK – Full RB)

FCC ID: A3LSMF711U	PCTEST* Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 113 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Fage 113 01 203





Plot 7-183. Upper Band Edge Plot (NR Band n25 - 5MHz QPSK - Full RB)



Plot 7-184. Extended Upper Band Edge Plot (NR Band n25 – 5MHz QPSK – Full RB)

FCC ID: A3LSMF711U	PCTEST* Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 114 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Faye 114 01 203



## NR Band n25 - Ant I



Plot 7-185. Lower Band Edge Plot (NR Band n25 - 40MHz QPSK - Full RB)



Plot 7-186. Extended Lower Band Edge Plot (NR Band n25 - 40MHz QPSK - Full RB)

FCC ID: A3LSMF711U	PCTEST* Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 115 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Fage 113 01 203





Plot 7-187. Upper Band Edge Plot (NR Band n25 – 40MHz QPSK – Full RB)



Plot 7-188. Extended Upper Band Edge Plot (NR Band n25 - 40MHz QPSK - Full RB)

FCC ID: A3LSMF711U	PCTEST Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 116 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		rage 110 01 203





Plot 7-189. Lower Band Edge Plot (NR Band n25 - 30MHz QPSK - Full RB)



Plot 7-190. Extended Lower Band Edge Plot (NR Band n25 - 30MHz QPSK - Full RB)

FCC ID: A3LSMF711U	PCTEST* Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 117 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		rage 117 01 203





Plot 7-191. Upper Band Edge Plot (NR Band n25 - 30MHz QPSK - Full RB)



Plot 7-192. Extended Upper Band Edge Plot (NR Band n25 - 30MHz QPSK - Full RB)

FCC ID: A3LSMF711U	PCTEST* Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 118 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Fage 110 01 203





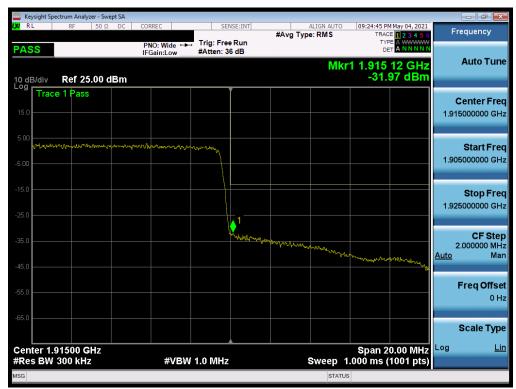
Plot 7-193. Lower Band Edge Plot (NR Band n25 - 25MHz QPSK - Full RB)



Plot 7-194. Extended Lower Band Edge Plot (NR Band n25 - 25MHz QPSK - Full RB)

FCC ID: A3LSMF711U	PCTEST* Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 119 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Fage 119 01 203





Plot 7-195. Upper Band Edge Plot (NR Band n25 – 25MHz QPSK – Full RB)

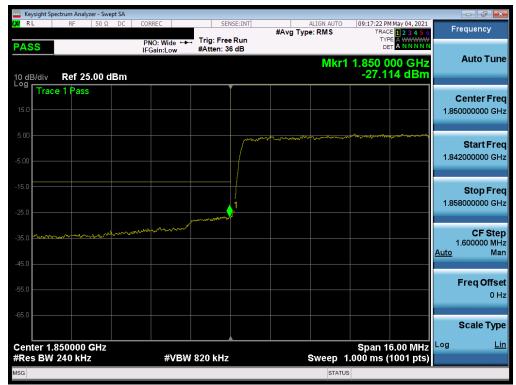


Plot 7-196. Extended Upper Band Edge Plot (NR Band n25 - 25MHz QPSK - Full RB)

FCC ID: A3LSMF711U	PCTEST* Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 120 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Fage 120 01 203



# NR Band n25/2 - Ant I



Plot 7-197. Lower Band Edge Plot (NR Band n25/2 - 20MHz QPSK - Full RB)



Plot 7-198. Extended Lower Band Edge Plot (NR Band n25/2 - 20MHz QPSK - Full RB)

FCC ID: A3LSMF711U	PCTEST* Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 121 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Faye 121 01 203

© 2021 PCTEST

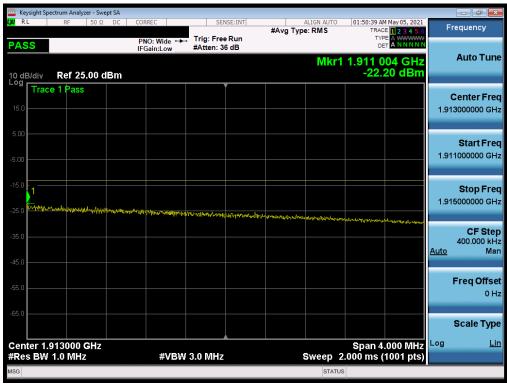
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or

assembly of contents thereof, please contact INFO@PCTEST.COM.





Plot 7-199. Upper Band Edge Plot (NR Band n2 - 20MHz QPSK - Full RB)



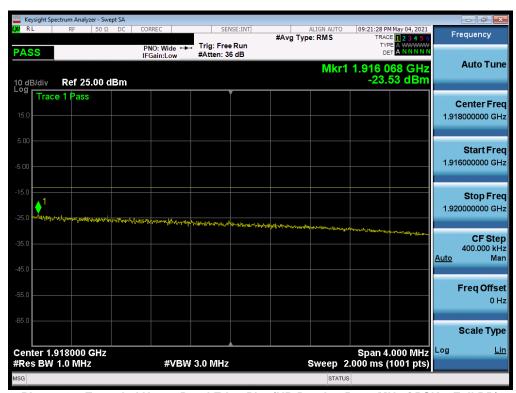
Plot 7-200. Extended Upper Band Edge Plot (NR Band n2 – 20MHz QPSK – Full RB)

FCC ID: A3LSMF711U	PCTEST Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 122 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Fage 122 01 203





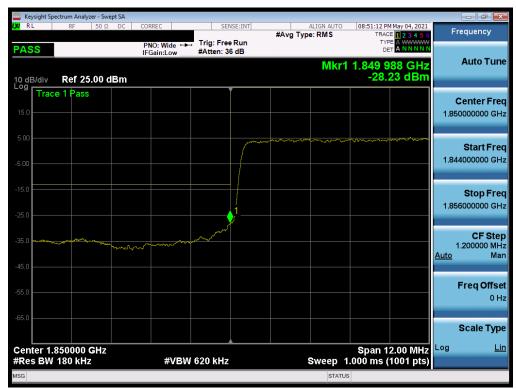
Plot 7-201. Upper Band Edge Plot (NR Band n25 - 20MHz QPSK - Full RB)



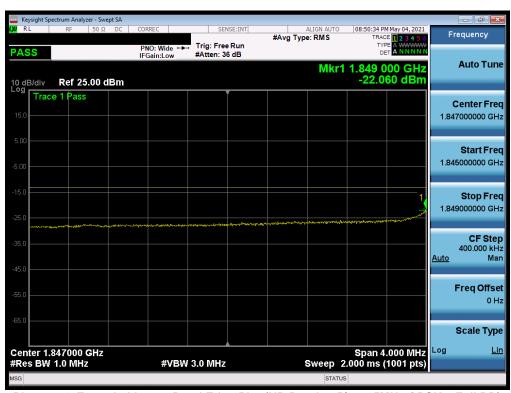
Plot 7-202. Extended Upper Band Edge Plot (NR Band n25 - 20MHz QPSK - Full RB)

FCC ID: A3LSMF711U	PCTEST* Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 123 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Fage 123 01 203





Plot 7-203. Lower Band Edge Plot (NR Band n25/2 - 15MHz QPSK - Full RB)



Plot 7-204. Extended Lower Band Edge Plot (NR Band n25/2 - 15MHz QPSK - Full RB)

FCC ID: A3LSMF711U	PCTEST* Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 124 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Faye 124 01 203





Plot 7-205. Upper Band Edge Plot (NR Band n2 - 15MHz QPSK - Full RB)



Plot 7-206. Extended Upper Band Edge Plot (NR Band n2 – 15MHz QPSK – Full RB)

FCC ID: A3LSMF711U	PCTEST* Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 125 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Fage 123 01 203

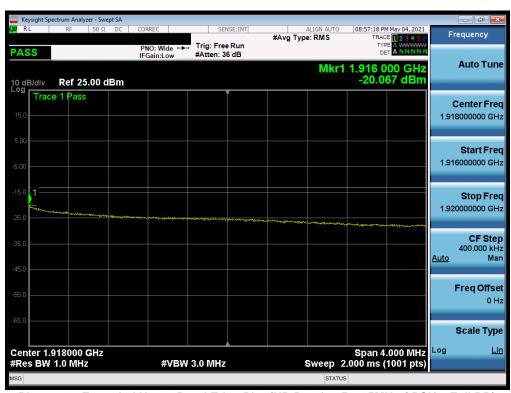
© 2021 PCTEST

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microflim, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.





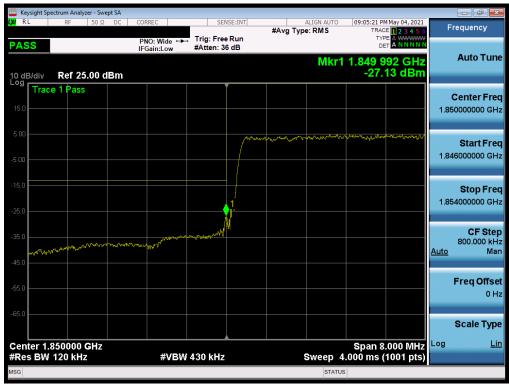
Plot 7-207. Upper Band Edge Plot (NR Band n25 – 15MHz QPSK – Full RB)



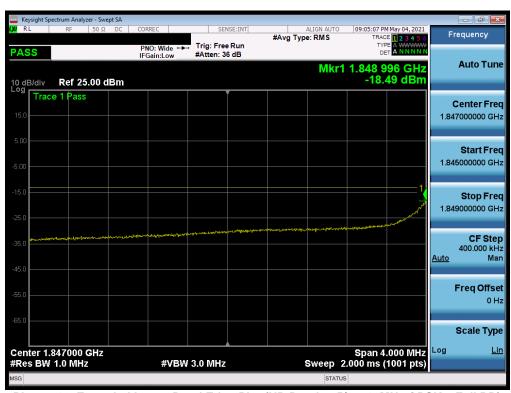
Plot 7-208. Extended Upper Band Edge Plot (NR Band n25 - 15MHz QPSK - Full RB)

FCC ID: A3LSMF711U	Provided to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 126 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Fage 120 01 203





Plot 7-209. Lower Band Edge Plot (NR Band n25/2 - 10MHz QPSK - Full RB)



Plot 7-210. Extended Lower Band Edge Plot (NR Band n25/2 – 10MHz QPSK – Full RB)

FCC ID: A3LSMF711U	PCTEST* Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 127 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Fage 127 01 203





Plot 7-211. Upper Band Edge Plot (NR Band n2 - 10MHz QPSK - Full RB)



Plot 7-212. Extended Upper Band Edge Plot (NR Band n2 - 10MHz QPSK - Full RB 2)

FCC ID: A3LSMF711U	PCTEST Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 128 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Fage 120 01 203





Plot 7-213. Upper Band Edge Plot (NR Band n25 - 10MHz QPSK - Full RB)



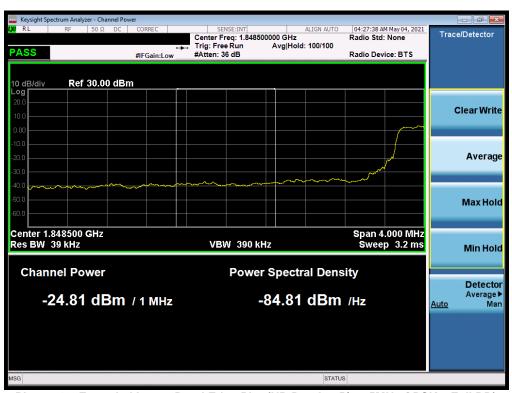
Plot 7-214. Extended Upper Band Edge Plot (NR Band n25 - 10MHz QPSK - Full RB)

FCC ID: A3LSMF711U	PCTEST* Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 129 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		rage 129 01 203





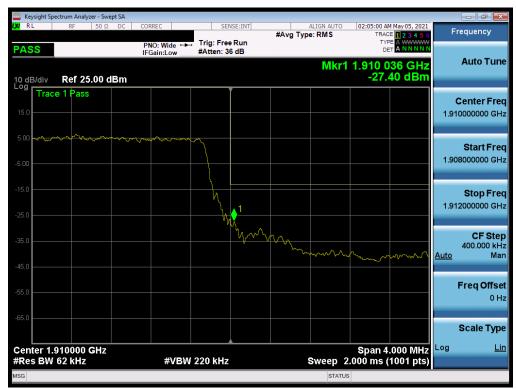
Plot 7-215. Lower Band Edge Plot (NR Band n25/2 - 5MHz QPSK - Full RB)



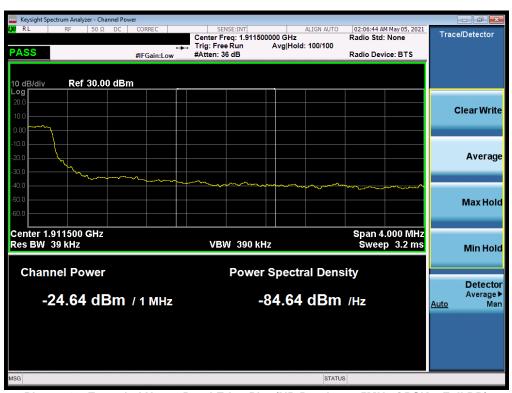
Plot 7-216. Extended Lower Band Edge Plot (NR Band n25/2 – 5MHz QPSK – Full RB)

FCC ID: A3LSMF711U	PCTEST* Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 130 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Page 130 01 203
© 2021 PCTEST				





Plot 7-217. Upper Band Edge Plot (NR Band n2 – 5MHz QPSK – Full RB)



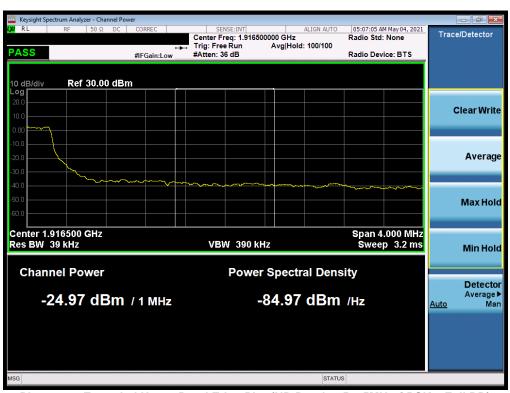
Plot 7-218. Extended Upper Band Edge Plot (NR Band n2 – 5MHz QPSK – Full RB)

FCC ID: A3LSMF711U	PCTEST Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Dogo 121 of 202
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Page 131 of 203
© 2021 PCTEST V				





Plot 7-219. Upper Band Edge Plot (NR Band n25 - 5MHz QPSK - Full RB)

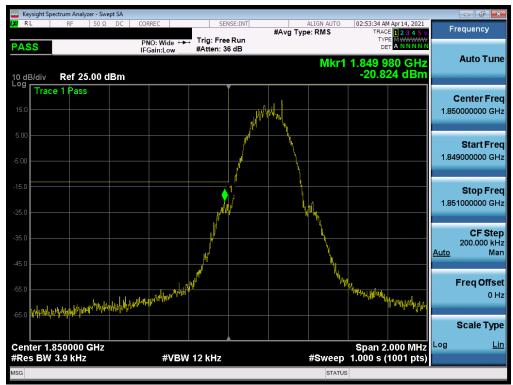


Plot 7-220. Extended Upper Band Edge Plot (NR Band n25 – 5MHz QPSK – Full RB)

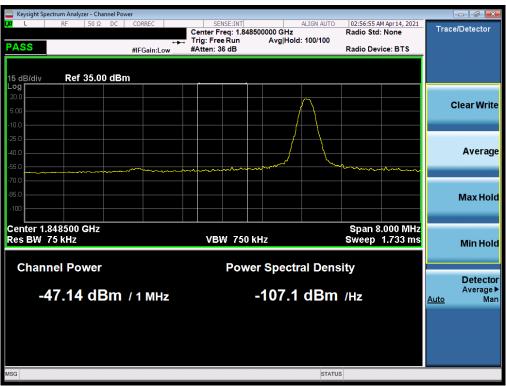
FCC ID: A3LSMF711U	PCTEST* Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 132 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Faye 132 01 203



## **GSM/GPRS PCS**



Plot 7-221. Lower Band Edge Plot (GSM PCS - Ch. 512)

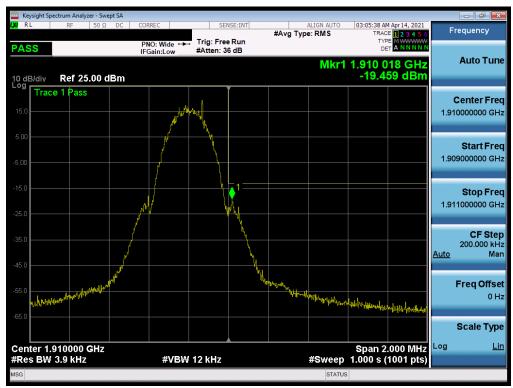


Plot 7-127. Extended Lower Band Edge Plot (GSM PCS - Ch. 512)

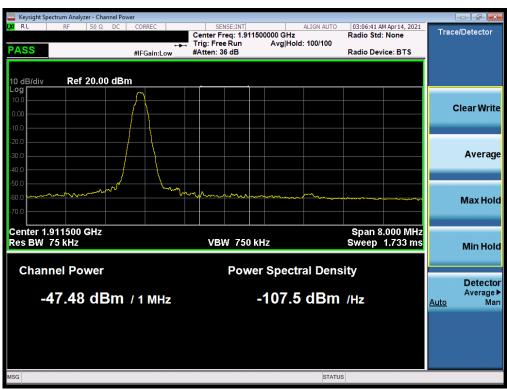
FCC ID: A3LSMF711U	PCTEST*	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 133 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Page 133 01 203
© 2021 PCTEST				

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.





Plot 7-222. Upper Band Edge Plot (GSM PCS - Ch. 810)



Plot 7-129. Extended Upper Band Edge Plot (GSM PCS - Ch. 810)

FCC ID: A3LSMF711U	PCTEST Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 134 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Fage 134 01 203

© 2021 PCTEST

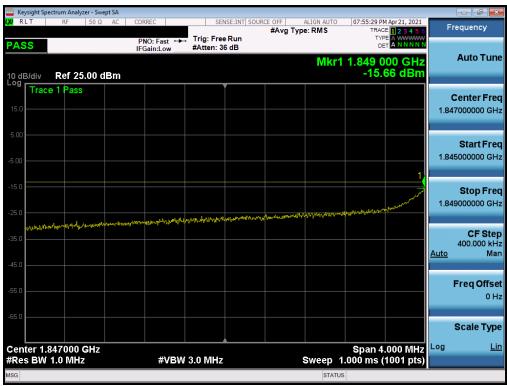
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microflim, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.



### **WCDMA PCS**



Plot 7-223. Lower Band Edge Plot (WCDMA PCS - Ch. 9262)



Plot 7-224. Extended Lower Band Edge Plot (WCDMA PCS - Ch. 9262)

FCC ID: A3LSMF711U	PCTEST Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 135 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Fage 133 01 203





Plot 7-225. Upper Band Edge Plot (WCDMA PCS - Ch. 9538)



Plot 7-226. Extended Upper Band Edge Plot (WCDMA PCS - Ch. 9538)

FCC ID: A3LSMF711U	PCTEST*	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 136 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Page 136 01 203
© 2021 PCTEST				

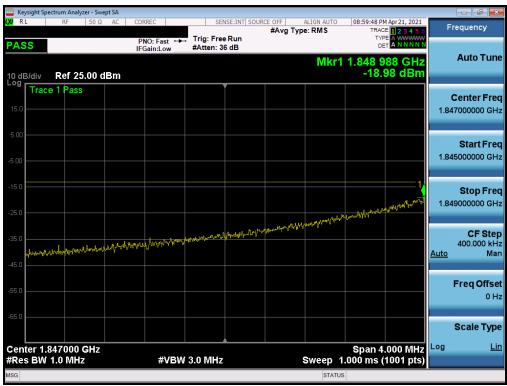
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.



### **CDMA PCS**



Plot 7-227. Lower Band Edge Plot (CDMA PCS - Ch. 25)



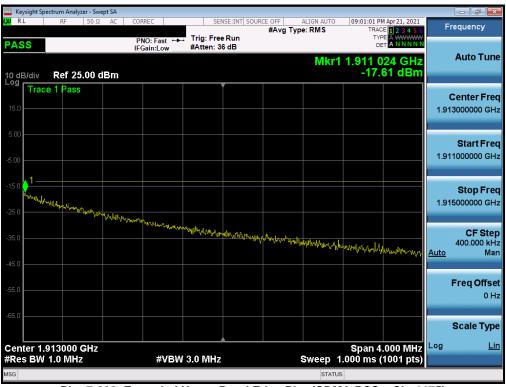
Plot 7-228. Extended Lower Band Edge Plot (CDMA PCS - Ch. 25)

FCC ID: A3LSMF711U	PCTEST Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 137 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Fage 137 01 203





Plot 7-229. Upper Band Edge Plot (CDMA PCS - Ch. 1175)



Plot 7-230. Extended Upper Band Edge Plot (CDMA PCS - Ch. 1175)

FCC ID: A3LSMF711U	PCTEST Proud to be part of @ element	PART 24 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 138 of 203
1M2104070032-03.A3L	4/12/2021 - 6/11/2021	Portable Handset		Fage 130 01 203