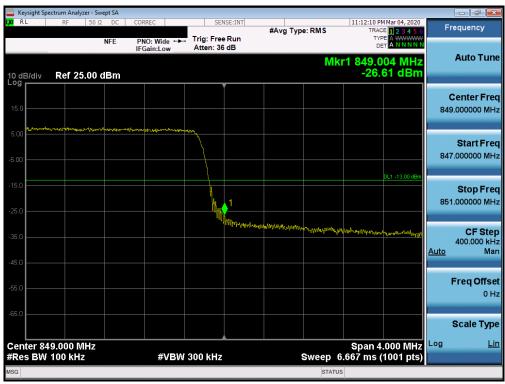


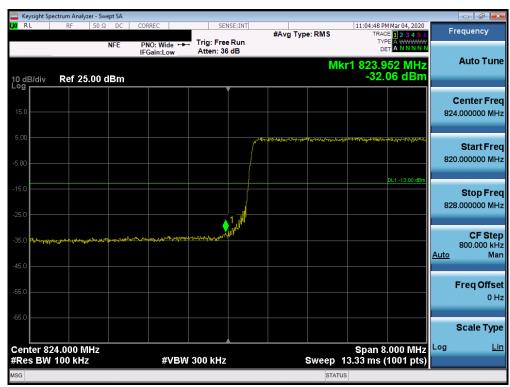
Plot 7-96. Lower Band Edge Plot (Band 5 - 5.0MHz QPSK - Full RB Configuration)



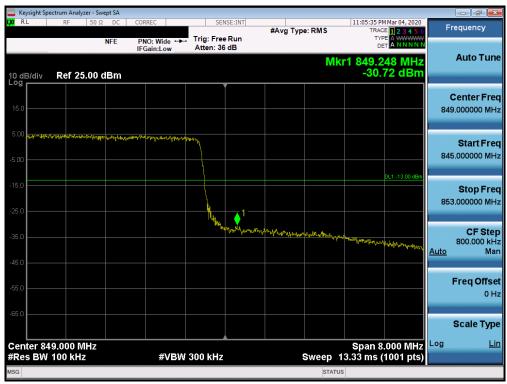
Plot 7-97. Upper Band Edge Plot (Band 5 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFQ730AM	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	(LG	Approved by: Quality Manager
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Plot 7-98. Lower Band Edge Plot (Band 5 - 10.0MHz QPSK - Full RB Configuration)



Plot 7-99. Upper Band Edge Plot (Band 5 - 10.0MHz QPSK - Full RB Configuration)

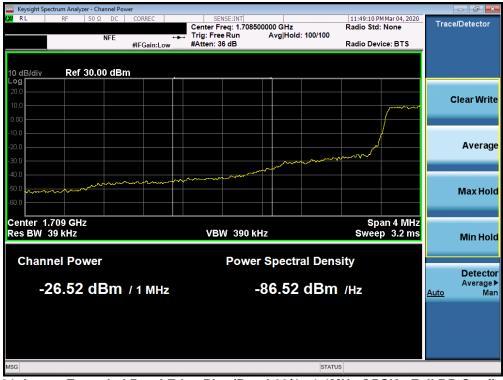
FCC ID: ZNFQ730AM	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dogo 60 of 160
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Band 66/4



Plot 7-100. Lower Band Edge Plot (Band 66/4 - 1.4MHz QPSK - Full RB Configuration)



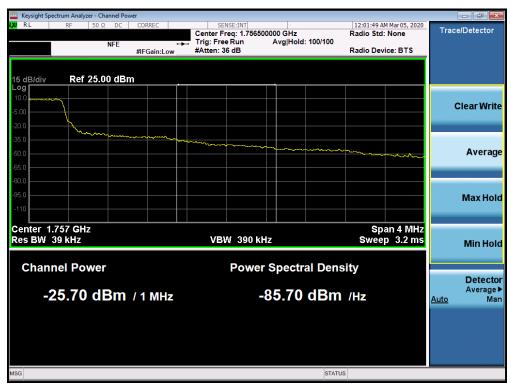
Plot 7-101. Lower Extended Band Edge Plot (Band 66/4 - 1.4MHz QPSK - Full RB Configuration)

FCC ID: ZNFQ730AM	Proud to be post of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Plot 7-102. Upper Band Edge Plot (Band 4 - 1.4MHz QPSK - Full RB Configuration)



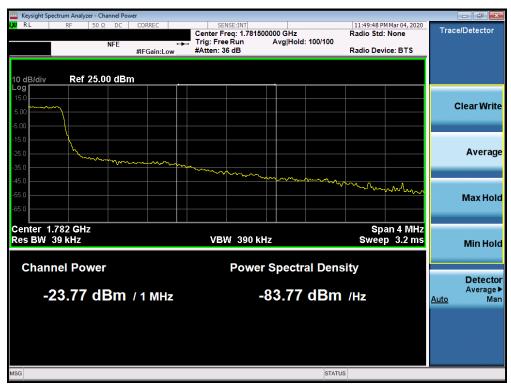
Plot 7-103. Upper Extended Band Edge Plot (Band 4 - 1.4MHz QPSK - Full RB Configuration)

FCC ID: ZNFQ730AM	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dags 70 of 100
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Plot 7-104. Upper Band Edge Plot (Band 66 - 1.4MHz QPSK - Full RB Configuration)



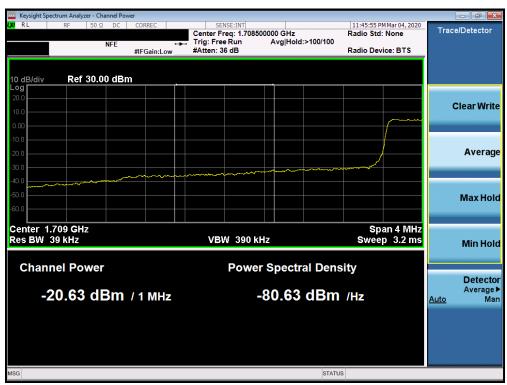
Plot 7-105. Upper Extended Band Edge Plot (Band 66 - 1.4MHz QPSK - Full RB Configuration)

FCC ID: ZNFQ730AM	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 71 of 100
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Plot 7-106. Lower Band Edge Plot (Band 66/4 - 3.0MHz QPSK - Full RB Configuration)



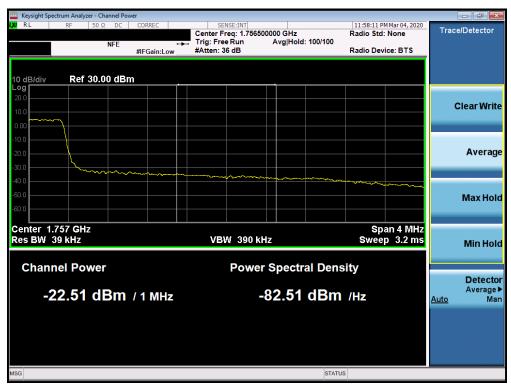
Plot 7-107. Lower Extended Band Edge Plot (Band 66/4 - 3.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFQ730AM	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dog 70 of 100
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Plot 7-108. Upper Band Edge Plot (Band 4 - 3.0MHz QPSK - Full RB Configuration)



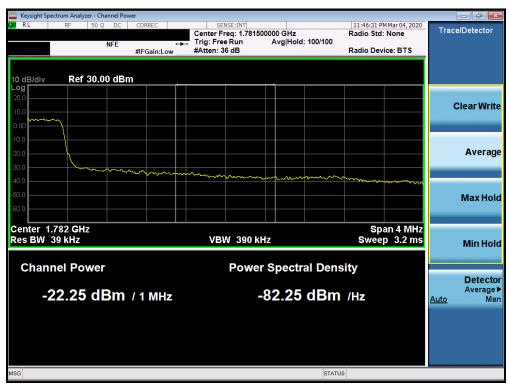
Plot 7-109. Upper Extended Band Edge Plot (Band 4 - 3.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFQ730AM	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	🕒 LG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dags 72 of 100
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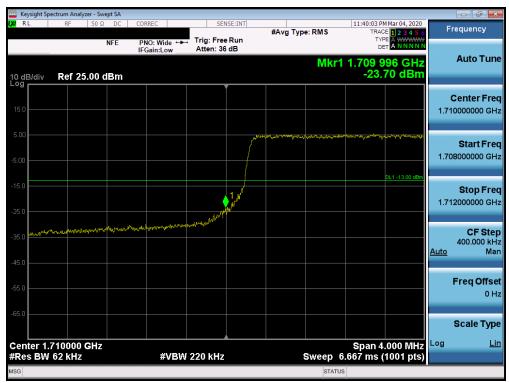
Plot 7-110. Upper Band Edge Plot (Band 66 - 3.0MHz QPSK - Full RB Configuration)



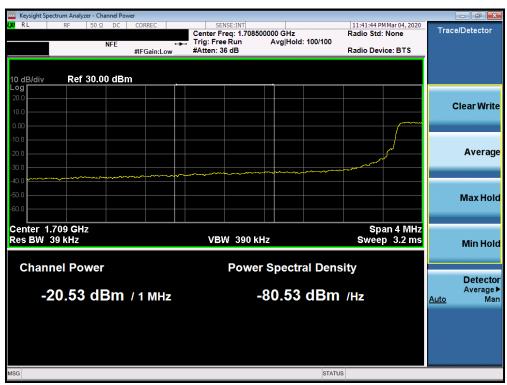
Plot 7-111. Upper Extended Band Edge Plot (Band 66 - 3.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFQ730AM	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
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Plot 7-112. Lower Band Edge Plot (Band 66/4 - 5.0MHz QPSK - Full RB Configuration)



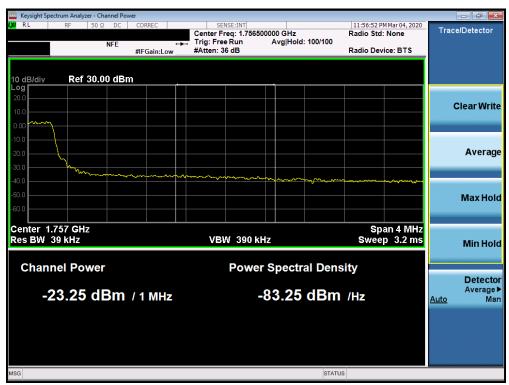
Plot 7-113. Lower Extended Band Edge Plot (Band 66/4 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFQ730AM	Proceed to be post of selement	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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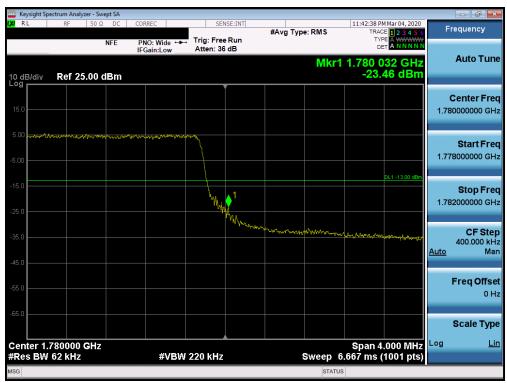
Plot 7-114. Upper Band Edge Plot (Band 4 - 5.0MHz QPSK - Full RB Configuration)



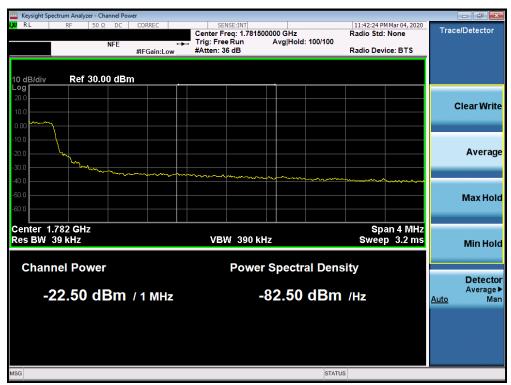
Plot 7-115. Upper Extended Band Edge Plot (Band 4 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFQ730AM	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dags 70 of 100
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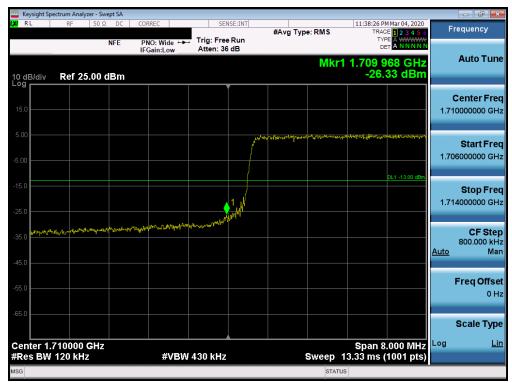
Plot 7-116. Upper Band Edge Plot (Band 66 - 5.0MHz QPSK - Full RB Configuration)



Plot 7-117. Upper Extended Band Edge Plot (Band 66 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFQ730AM	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
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Plot 7-118. Lower Band Edge Plot (Band 66/4 - 10.0MHz QPSK - Full RB Configuration)



Plot 7-119. Lower Extended Band Edge Plot (Band 66/4 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFQ730AM	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dogg 70 of 100
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Plot 7-120. Upper Band Edge Plot (Band 4 - 10.0MHz QPSK - Full RB Configuration)



Plot 7-121. Upper Extended Band Edge Plot (Band 4 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFQ730AM	Proceed to be post of selement	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Daga 70 of 160
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Plot 7-122. Upper Band Edge Plot (Band 66 - 10.0MHz QPSK - Full RB Configuration)



Plot 7-123. Upper Extended Band Edge Plot (Band 66 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFQ730AM	Proceed to be post of selement	MEASUREMENT REPORT (CERTIFICATION) LG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dama 90 of 169
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Plot 7-124. Lower Band Edge Plot (Band 66/4 - 15.0MHz QPSK - Full RB Configuration)



Plot 7-125. Lower Extended Band Edge Plot (Band 66/4 - 15.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFQ730AM	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dogg 04 of 460
1M2002240025-03-R1.ZNF	2/25 - 3/26-2020	Portable Handset		Page 81 of 168
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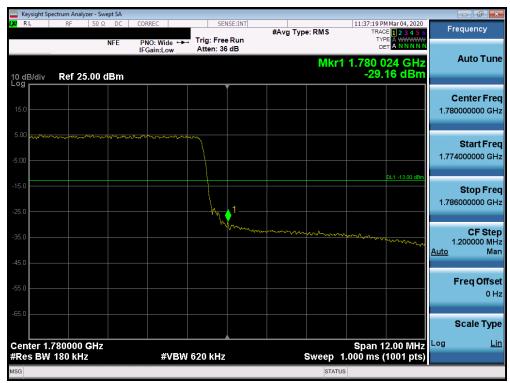
Plot 7-126. Upper Band Edge Plot (Band 4 - 15.0MHz QPSK - Full RB Configuration)



Plot 7-127. Upper Extended Band Edge Plot (Band 4 - 15.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFQ730AM	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	L G	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dags 92 of 469
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Plot 7-128. Upper Band Edge Plot (Band 66 - 15.0MHz QPSK - Full RB Configuration)



Plot 7-129. Upper Extended Band Edge Plot (Band 66 - 15.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFQ730AM	Proceed to be post of selement	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dags 92 of 100
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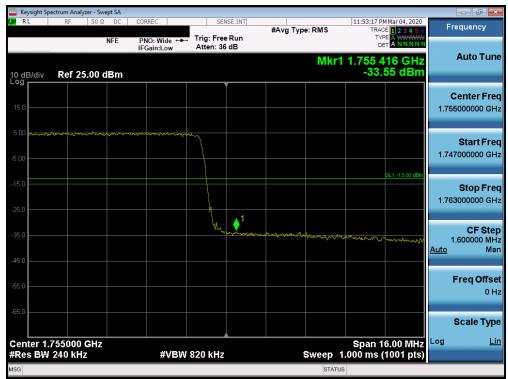
Plot 7-130. Lower Band Edge Plot (Band 66/4 - 20.0MHz QPSK - Full RB Configuration)



Plot 7-131. Lower Extended Band Edge Plot (Band 66/4 - 20.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFQ730AM	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	<mark>⊕</mark> LG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dags 04 of 100
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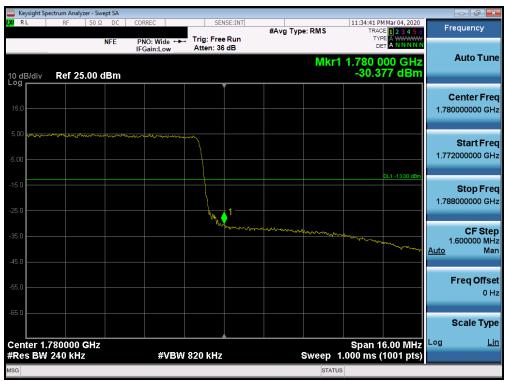
Plot 7-132. Upper Band Edge Plot (Band 4 - 20.0MHz QPSK - Full RB Configuration)



Plot 7-133. Upper Extended Band Edge Plot (Band 4 - 20.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFQ730AM	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	(LG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dags 05 of 100
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Plot 7-134. Upper Band Edge Plot (Band 66 - 20.0MHz QPSK - Full RB Configuration)



Plot 7-135. Upper Extended Band Edge Plot (Band 66 - 20.0MHz QPSK - Full RB Configuration)

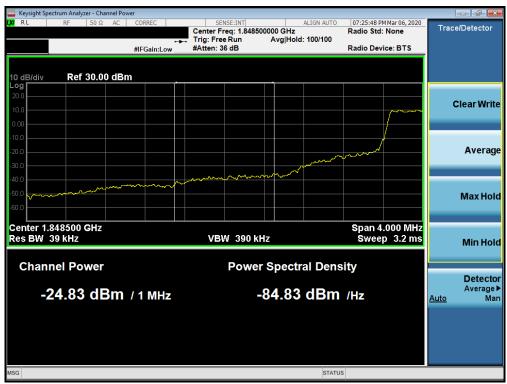
FCC ID: ZNFQ730AM	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	⊕ LG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dags 00 of 100
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Band 2



Plot 7-136. Lower Band Edge Plot (Band 2 - 1.4MHz QPSK - Full RB Configuration)



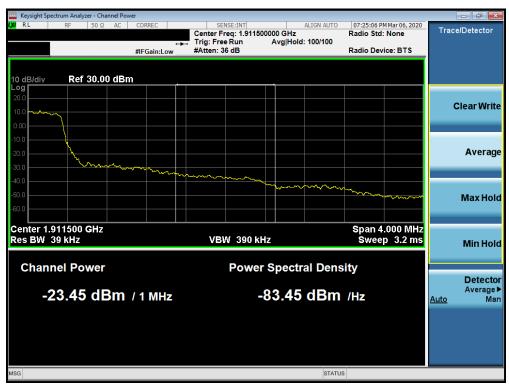
Plot 7-137. Lower Extended Band Edge Plot (Band 2 - 1.4MHz QPSK - Full RB Configuration)

FCC ID: ZNFQ730AM	Proud to be post of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dog 07 of 100
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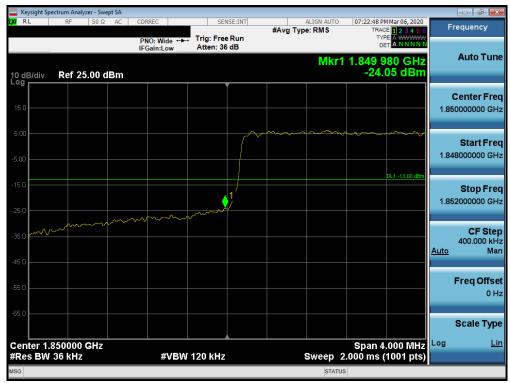
Plot 7-138. Upper Band Edge Plot (Band 2 - 1.4MHz QPSK - Full RB Configuration)



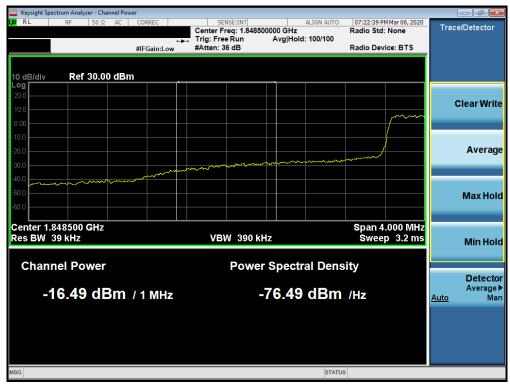
Plot 7-139. Upper Extended Band Edge Plot (Band 2 - 1.4MHz QPSK - Full RB Configuration)

FCC ID: ZNFQ730AM	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dags 00 of 100
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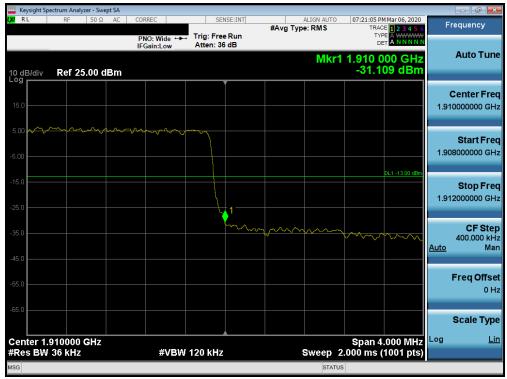
Plot 7-140. Lower Band Edge Plot (Band 2 - 3.0MHz QPSK - Full RB Configuration)



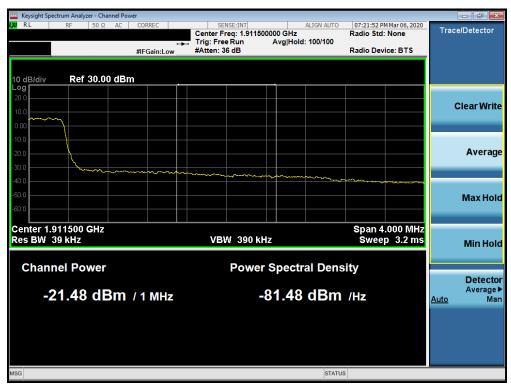
Plot 7-141. Lower Extended Band Edge Plot (Band 2 - 3.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFQ730AM	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	L G	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dags 00 of 100
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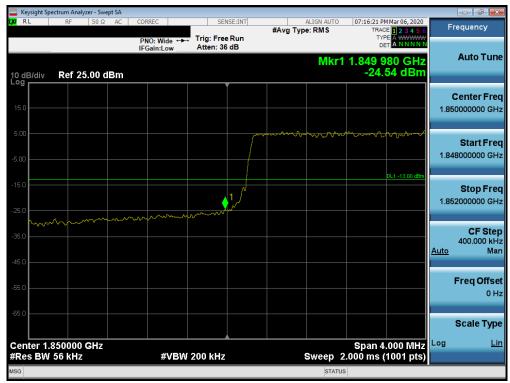
Plot 7-142. Upper Band Edge Plot (Band 2 - 3.0MHz QPSK - Full RB Configuration)



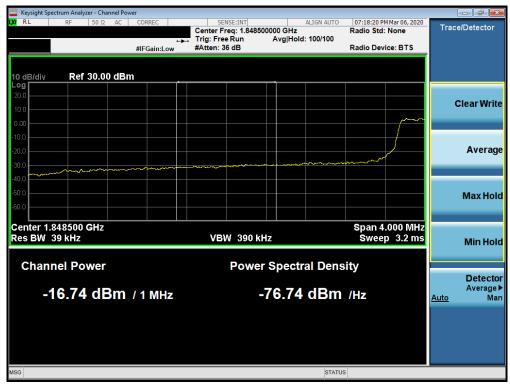
Plot 7-143. Upper Extended Band Edge Plot (Band 2 - 3.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFQ730AM	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dags 00 of 100
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Plot 7-144. Lower Band Edge Plot (Band 2 - 5.0MHz QPSK - Full RB Configuration)



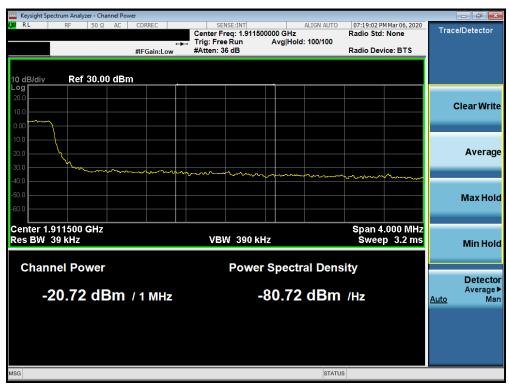
Plot 7-145. Lower Extended Band Edge Plot (Band 2 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFQ730AM	Proceed to be post of selement	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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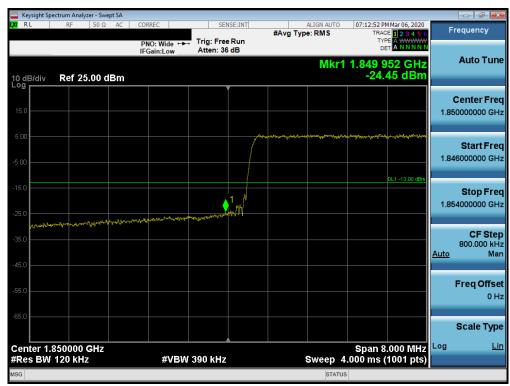
Plot 7-146. Upper Band Edge Plot (Band 2 - 5.0MHz QPSK - Full RB Configuration)



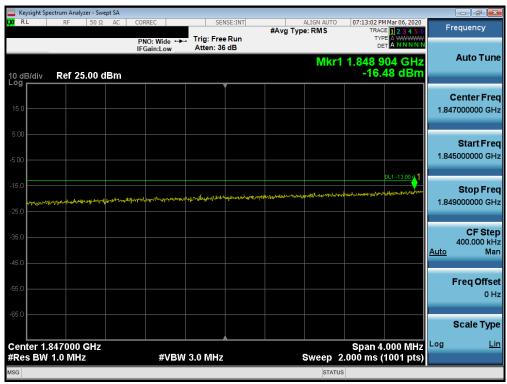
Plot 7-147. Upper Extended Band Edge Plot (Band 2 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFQ730AM	Proceed to be point of @ element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dags 02 of 100
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Plot 7-148. Lower Band Edge Plot (Band 2 - 10.0MHz QPSK - Full RB Configuration)



Plot 7-149. Lower Extended Band Edge Plot (Band 2 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFQ730AM	Proceed to be post of selement	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Plot 7-150. Upper Band Edge Plot (Band 2 - 10.0MHz QPSK - Full RB Configuration)



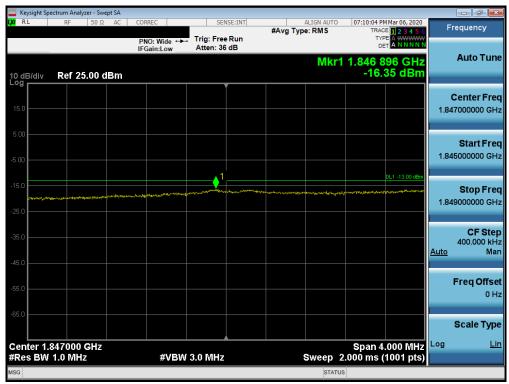
Plot 7-151. Upper Extended Band Edge Plot (Band 2 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFQ730AM	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	(LG	Approved by: Quality Manager
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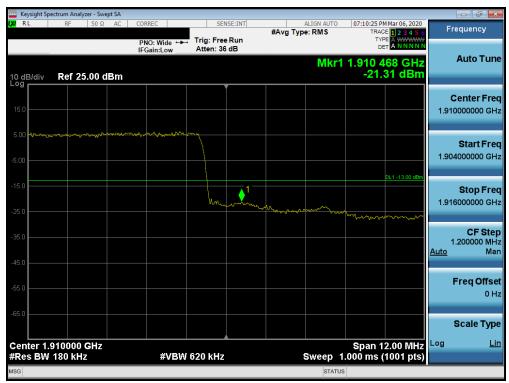
Plot 7-152. Lower Band Edge Plot (Band 2 - 15.0MHz QPSK - Full RB Configuration)



Plot 7-153. Lower Extended Band Edge Plot (Band 2 - 15.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFQ730AM	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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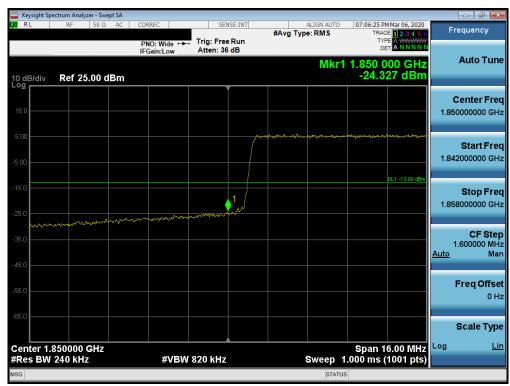
Plot 7-154. Upper Band Edge Plot (Band 2 - 15.0MHz QPSK - Full RB Configuration)



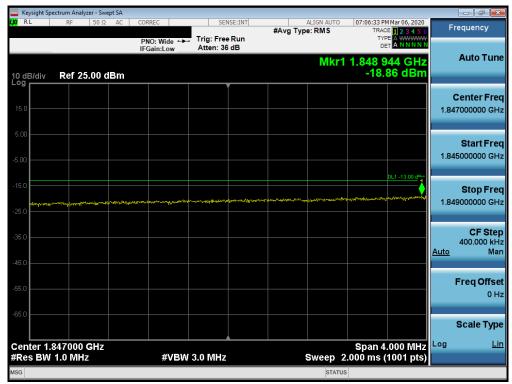
Plot 7-155. Upper Extended Band Edge Plot (Band 2 - 15.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFQ730AM	Proceed to be post of selement	MEASUREMENT REPORT (CERTIFICATION) LG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dags 00 of 100
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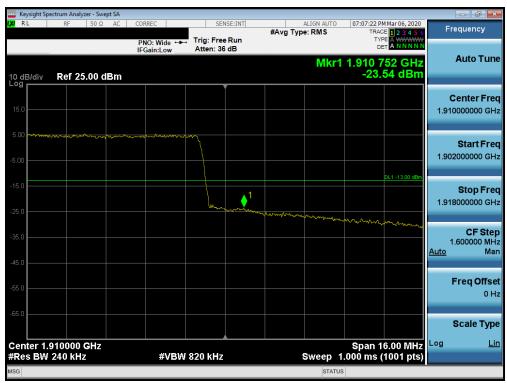
Plot 7-156. Lower Band Edge Plot (Band 2 - 20.0MHz QPSK - Full RB Configuration)



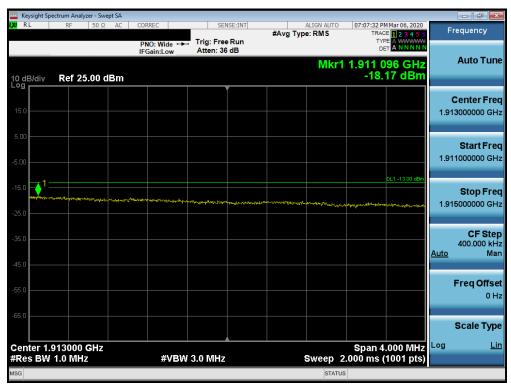
Plot 7-157. Lower Extended Band Edge Plot (Band 2 - 20.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFQ730AM	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Plot 7-158. Upper Band Edge Plot (Band 2 - 20.0MHz QPSK - Full RB Configuration)

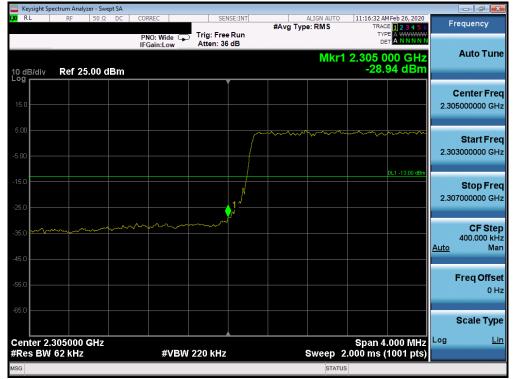


Plot 7-159. Upper Extended Band Edge Plot (Band 2 - 20.0MHz QPSK - Full RB Configuration)

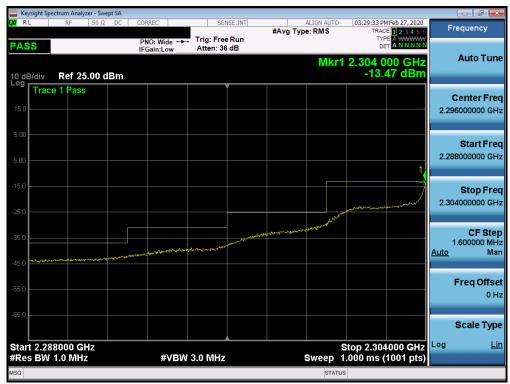
FCC ID: ZNFQ730AM	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	(LG	Approved by: Quality Manager
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Band 30



Plot 7-160. Lower Band Edge Plot (Band 30 - 5.0MHz QPSK - Full RB Configuration)



Plot 7-161. Lower Extended Band Edge Plot (Band 30 – 5.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFQ730AM	Proud to be post of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Plot 7-162. Upper Band Edge Plot (Band 30 – 5.0MHz QPSK - Full RB Configuration)



Plot 7-163. Upper Extended Band Edge Plot (Band 30 - 5.0MHz QPSK - Full RB Configuration)

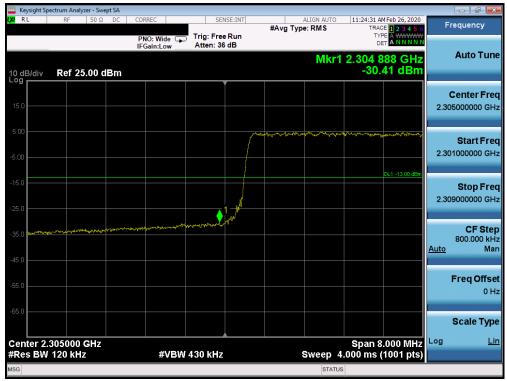
FCC ID: ZNFQ730AM	Proud to be post of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Frequency	Measurement	Limit	Margin
[MHz]	[dBm]	[dBm]	[dB]
2288-2289	-38.69	-37.00	-1.69
2289-2290	-37.8	-37.00	-0.8
2290-2291	-37.21	-37.00	-0.21
2291-2292	-38.37	-37.00	-1.37
2292-2293	-35.39	-31.00	-4.39
2293-2294	-33.97	-31.00	-2.97
2294-2295	-32.73	-31.00	-1.73
2295-2296	-31.77	-31.00	-0.77
2296-2297	-25.56	-25.00	-0.56
2297-2298	-26.27	-25.00	-1.27
2298-2299	-26.66	-25.00	-1.66
2299-2300	-26.29	-25.00	-1.29
2300-2301	-23.06	-13.00	-10.06

Table 7-3. LTE Band 30 Lower Extended Band Edge Results

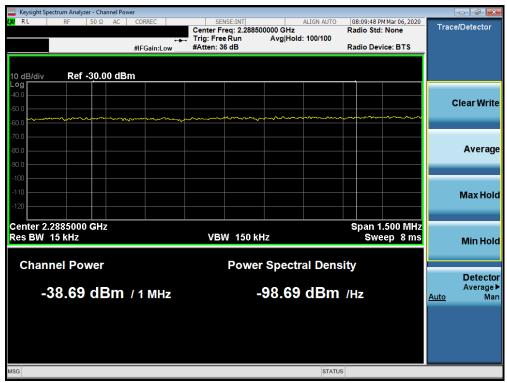


Plot 7-164. Lower Band Edge Plot (Band 30 - 10.0MHz QPSK - Full RB Configuration)

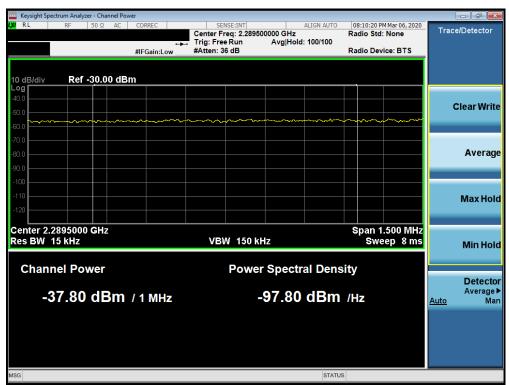
FCC ID: ZNFQ730AM	Proud to be port of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Plot 7-165. Lower Extended Band Edge Plot (Band 30 – 10.0MHz QPSK - Full RB Configuration)

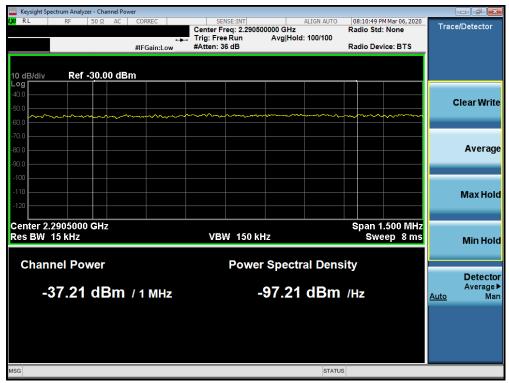


Plot 7-166. Lower Extended Band Edge Plot (Band 30 – 10.0MHz QPSK - Full RB Configuration)

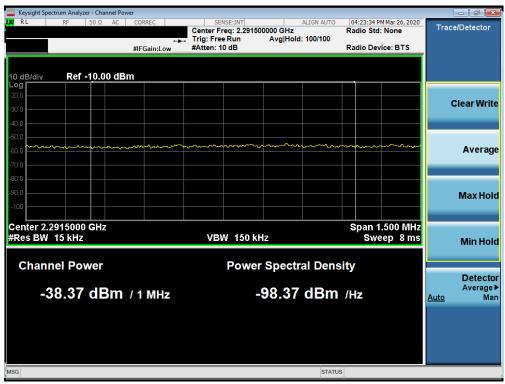
FCC ID: ZNFQ730AM	Proud to be post of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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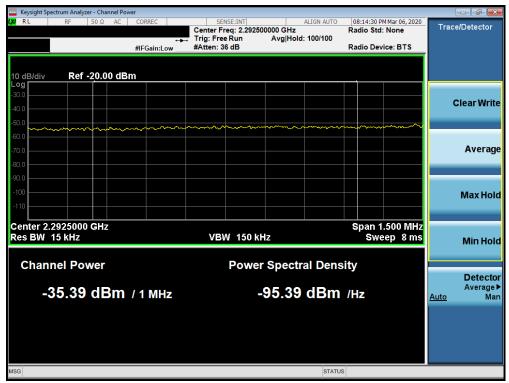
Plot 7-167. Lower Extended Band Edge Plot (Band 30 – 10.0MHz QPSK - Full RB Configuration)



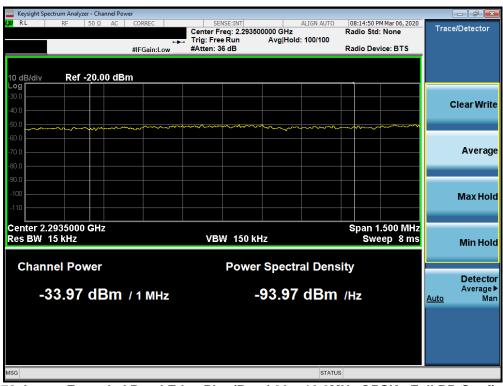
Plot 7-168. Lower Extended Band Edge Plot (Band 30 – 10.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFQ730AM	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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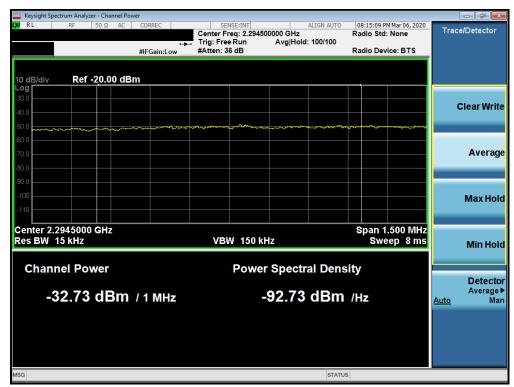
Plot 7-169. Lower Extended Band Edge Plot (Band 30 – 10.0MHz QPSK - Full RB Configuration)



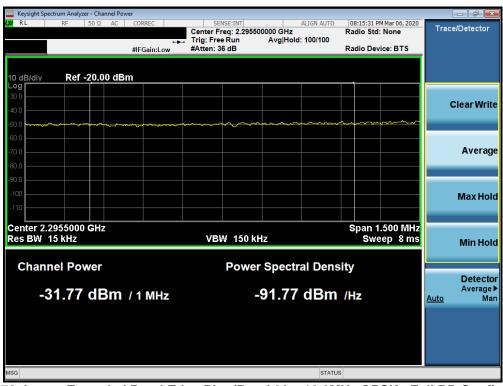
Plot 7-170. Lower Extended Band Edge Plot (Band 30 – 10.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFQ730AM	Proud to be post of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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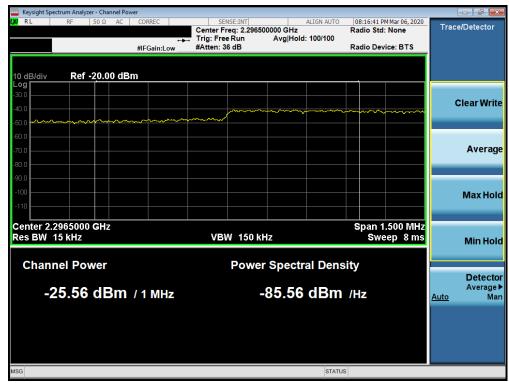
Plot 7-171. Lower Extended Band Edge Plot (Band 30 – 10.0MHz QPSK - Full RB Configuration)



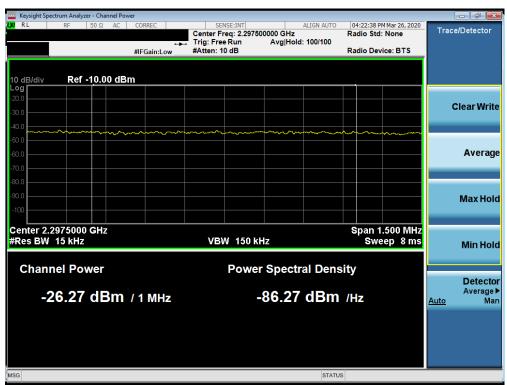
Plot 7-172. Lower Extended Band Edge Plot (Band 30 – 10.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFQ730AM	Proud to be post of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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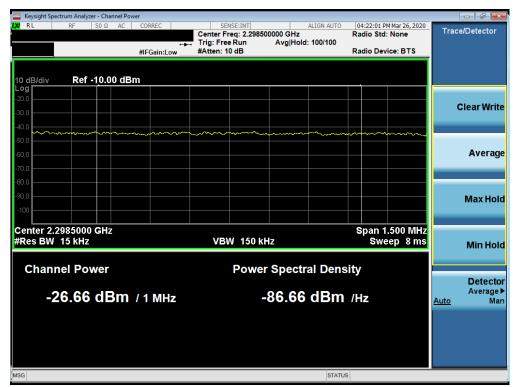
Plot 7-173. Lower Extended Band Edge Plot (Band 30 – 10.0MHz QPSK - Full RB Configuration)



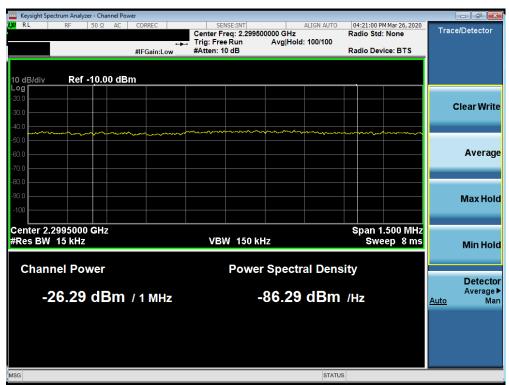
Plot 7-174. Lower Extended Band Edge Plot (Band 30 – 10.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFQ730AM	Proud to be post of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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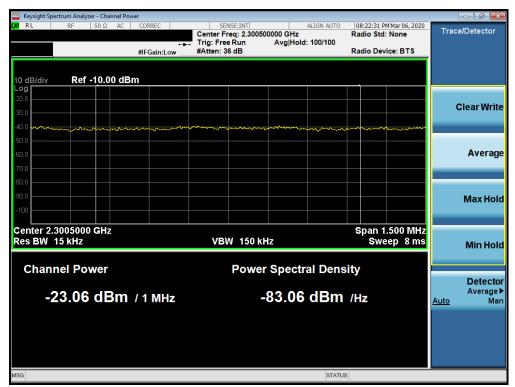
Plot 7-175. Lower Extended Band Edge Plot (Band 30 – 10.0MHz QPSK - Full RB Configuration)



Plot 7-176. Lower Extended Band Edge Plot (Band 30 – 10.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFQ730AM	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Plot 7-177. Lower Extended Band Edge Plot (Band 30 – 10.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFQ730AM	Proud to be port of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Frequency	Measurement	Limit	Margin
[MHz]	[dBm]	[dBm]	[dB]
2315-2320	-23.56	-13.00	-10.56
2319-2320	-24.11	-13.00	-11.11
2320-2321	-27.14	-25.00	-2.14
2321-2322	-25.37	-25.00	-0.37
2322-2323	-25.01	-25.00	-0.01
2323-2324	-26.54	-25.00	-1.54
2324-2325	-32.16	-31.00	-1.16
2325-2326	-32.66	-31.00	-1.66
2326-2327	-34.08	-31.00	-3.08
2327-2328	-35.66	-31.00	-4.66
2328-2329	-37.62	-37.00	-0.62
2329-2390	-38.23	-37.00	-1.23

Table 7-4. LTE Band 30 Upper Extended Band Edge Results

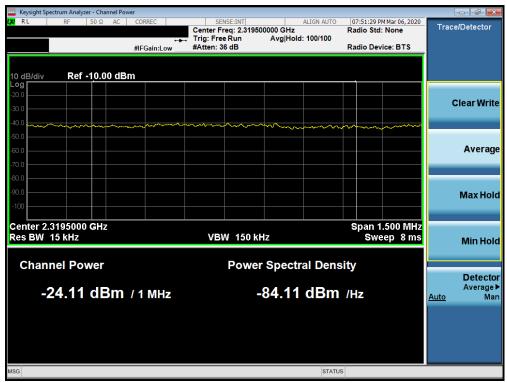


Plot 7-178. Upper Band Edge Plot (Band 30 – 10.0MHz QPSK - Full RB Configuration)

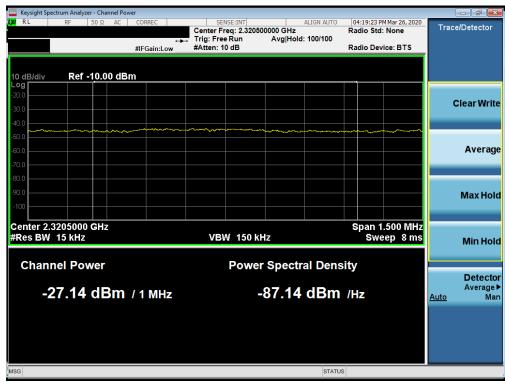
FCC ID: ZNFQ730AM	Proud to be port of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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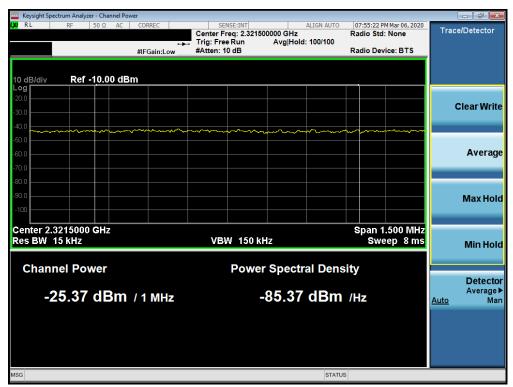
Plot 7-179. Upper Extended Band Edge Plot (Band 30 – 10.0MHz QPSK - Full RB Configuration)



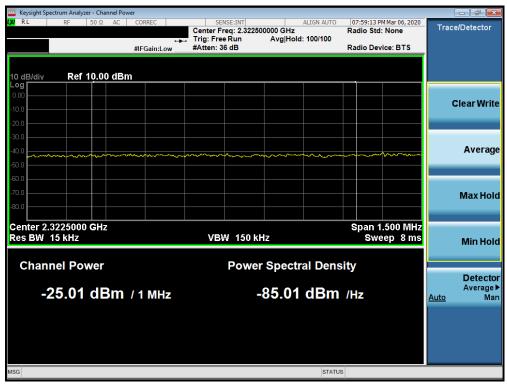
Plot 7-180. Upper Extended Band Edge Plot (Band 30 – 10.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFQ730AM	Proud to be post of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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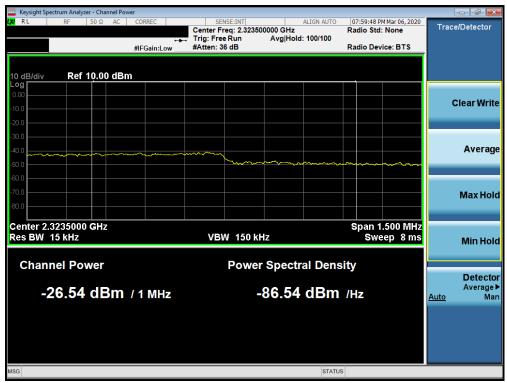
Plot 7-181. Upper Extended Band Edge Plot (Band 30 – 10.0MHz QPSK - Full RB Configuration)



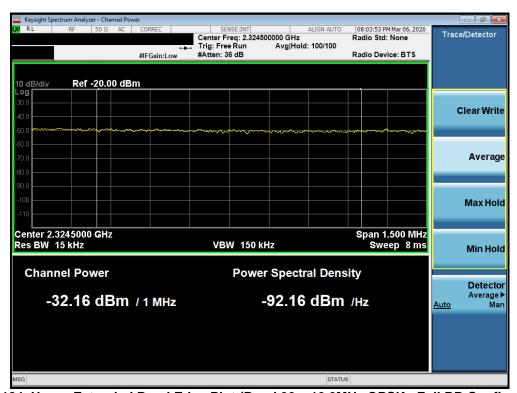
Plot 7-182. Upper Extended Band Edge Plot (Band 30 – 10.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFQ730AM	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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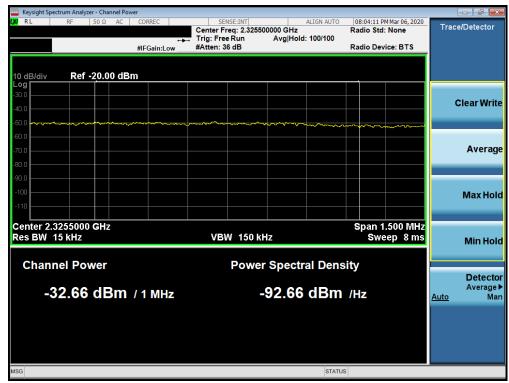
Plot 7-183. Upper Extended Band Edge Plot (Band 30 – 10.0MHz QPSK - Full RB Configuration)



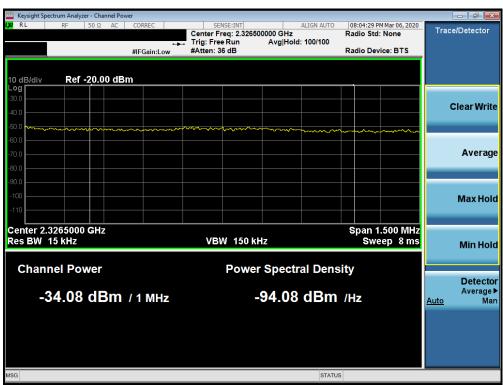
Plot 7-184. Upper Extended Band Edge Plot (Band 30 – 10.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFQ730AM	Proud to be post of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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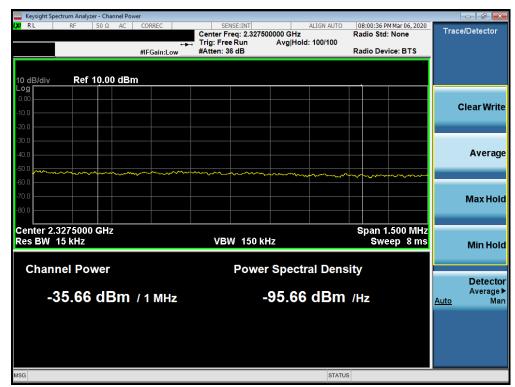
Plot 7-185. Upper Extended Band Edge Plot (Band 30 – 10.0MHz QPSK - Full RB Configuration)



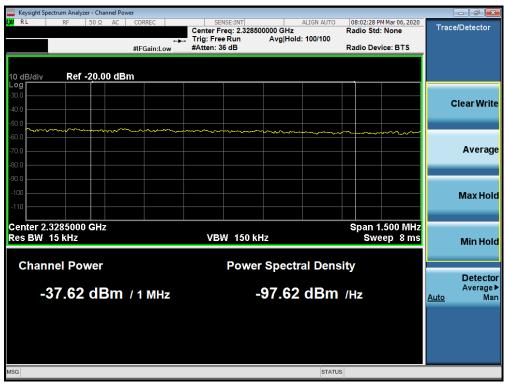
Plot 7-186. Upper Extended Band Edge Plot (Band 30 – 10.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFQ730AM	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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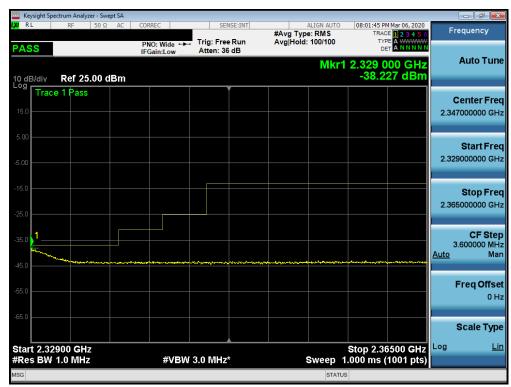
Plot 7-187. Upper Extended Band Edge Plot (Band 30 – 10.0MHz QPSK - Full RB Configuration)



Plot 7-188. Upper Extended Band Edge Plot (Band 30 – 10.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFQ730AM	Proud to be post of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Plot 7-189. Upper Extended Band Edge Plot (Band 30 – 10.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFQ730AM	Proceed to be post of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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7.5 Peak-Average Ratio

Test Overview

A peak to average ratio measurement is performed at the conducted port of the EUT. The spectrum analyzers Complementary Cumulative Distribution Function (CCDF) measurement profile is used to determine the largest deviation between the average and the peak power of the EUT in a given bandwidth. The CCDF curve shows how much time the peak waveform spends at or above a given 5.21average power level. The percent of time the signal spends at or above the level defines the probability for that particular power level.

Test Procedure Used

KDB 971168 D01 v03r01 - Section 5.7.1

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

Test Settings

- 1. The signal analyzer's CCDF measurement profile is enabled
- 2. Frequency = carrier center frequency
- 3. Measurement BW ≥ OBW or specified reference bandwidth
- 4. The signal analyzer was set to collect one million samples to generate the CCDF curve
- 5. The measurement interval was set depending on the type of signal analyzed. For continuous signals (>98% duty cycle), the measurement interval was set to 1ms.

Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.



Figure 7-4. Test Instrument & Measurement Setup

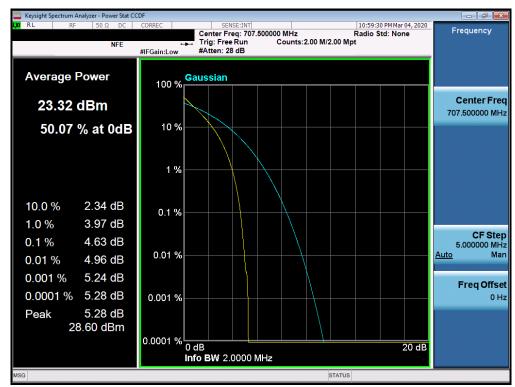
Test Notes

None.

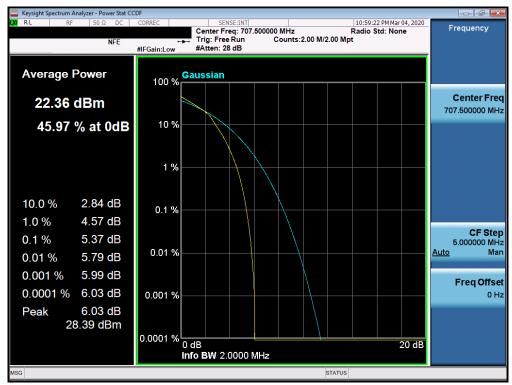
FCC ID: ZNFQ730AM	Proceed to be post of selement	MEASUREMENT REPORT (CERTIFICATION) LG	Approved by: Quality Manager
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Band 12



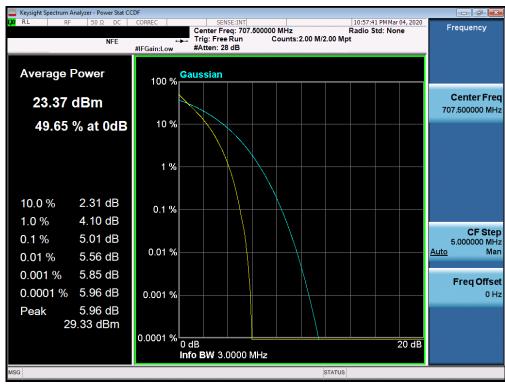
Plot 7-190. PAR Plot (Band 12 - 1.4MHz QPSK - Full RB Configuration)



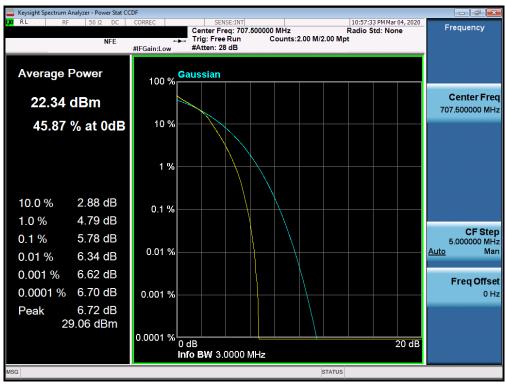
Plot 7-191. PAR Plot (Band 12 - 1.4MHz 16-QAM - Full RB Configuration)

FCC ID: ZNFQ730AM	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	(LG	Approved by: Quality Manager
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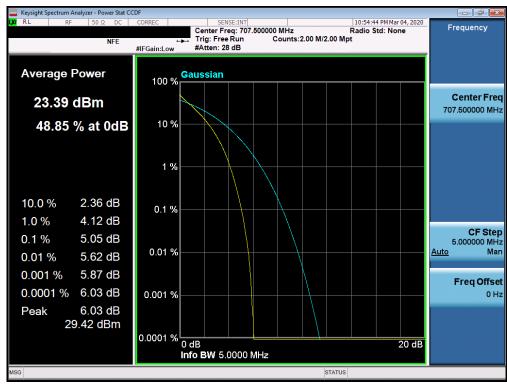
Plot 7-192. PAR Plot (Band 12 - 3.0MHz QPSK - Full RB Configuration)



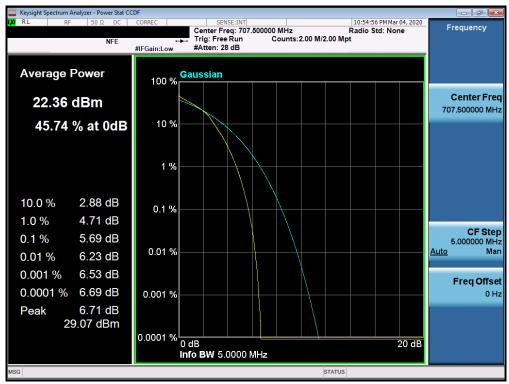
Plot 7-193. PAR Plot (Band 12 - 3.0MHz 16-QAM - Full RB Configuration)

FCC ID: ZNFQ730AM	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
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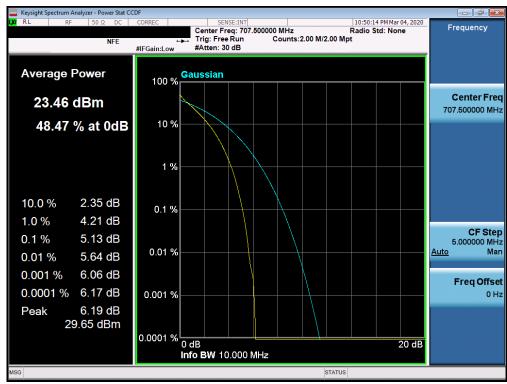
Plot 7-194. PAR Plot (Band 12 - 5.0MHz QPSK - Full RB Configuration)



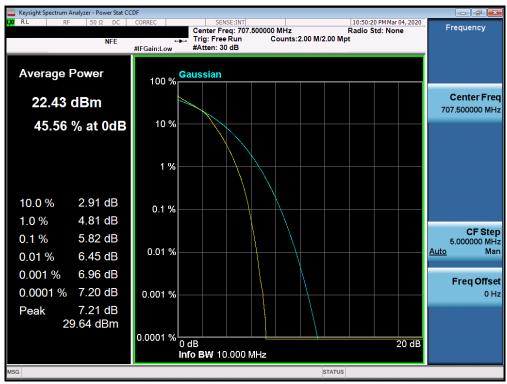
Plot 7-195. PAR Plot (Band 12 - 5.0MHz 16-QAM - Full RB Configuration)

FCC ID: ZNFQ730AM	Proud to be port of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Plot 7-196. PAR Plot (Band 12 - 10.0MHz QPSK - Full RB Configuration)

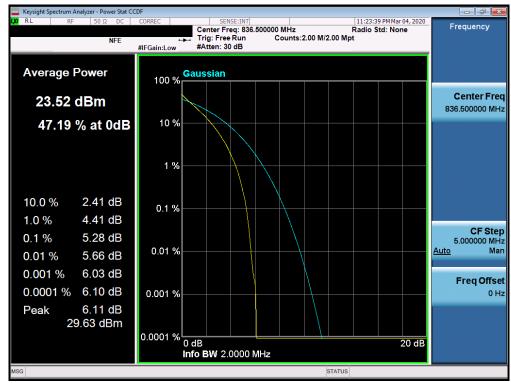


Plot 7-197. PAR Plot (Band 12 - 10.0MHz 16-QAM - Full RB Configuration)

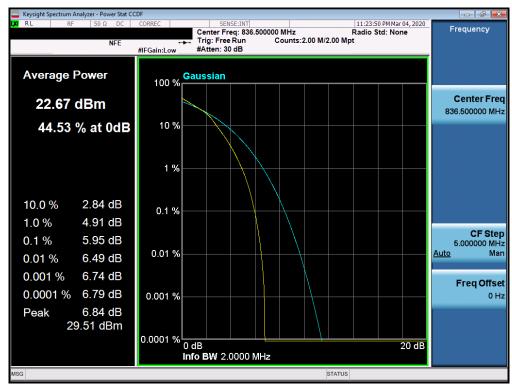
FCC ID: ZNFQ730AM	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
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Band 5



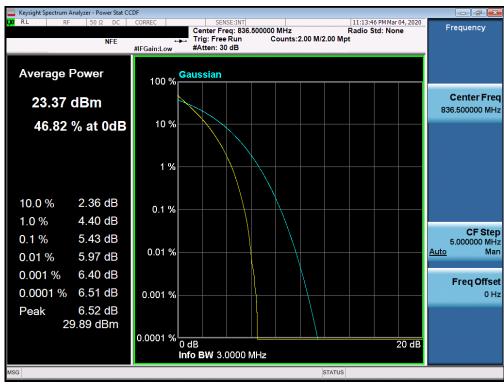
Plot 7-198. PAR Plot (Band 5 - 1.4MHz QPSK - Full RB Configuration)



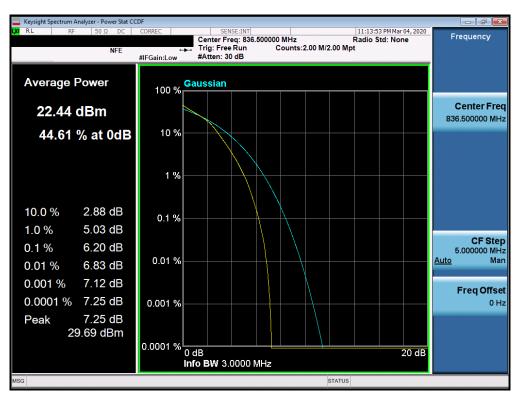
Plot 7-199. PAR Plot (Band 5 - 1.4MHz 16-QAM - Full RB Configuration)

FCC ID: ZNFQ730AM	Proud to be part of @element	MEASUREMENT REPORT (CERTIFICATION)	(LG	Approved by: Quality Manager
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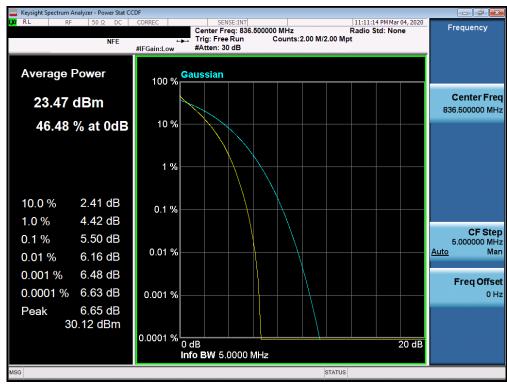
Plot 7-200. PAR Plot (Band 5 - 3.0MHz QPSK - Full RB Configuration)



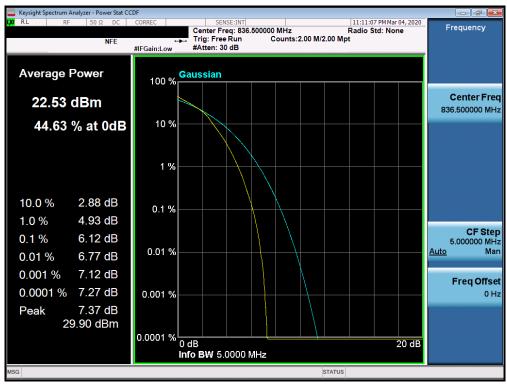
Plot 7-201. PAR Plot (Band 5 - 3.0MHz 16-QAM - Full RB Configuration)

FCC ID: ZNFQ730AM	Proud to be port of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Plot 7-202. PAR Plot (Band 5 - 5.0MHz QPSK - Full RB Configuration)



Plot 7-203. PAR Plot (Band 5 - 5.0MHz 16-QAM - Full RB Configuration)

FCC ID: ZNFQ730AM	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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