

NR Band n77 DoD-Band



Plot 7-109. PAR Plot (NR Band n77 - 20MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)



Plot 7-110. PAR Plot (NR Band n77 - 20MHz DFT-s-OFDM QPSK - Full RB)

FCC ID: BCGA2589	PCTEST [®] Proud to be part of element			Approved by: Technical Manager
Test Report S/N: 1C2111150079-05.BCG	Test Dates: 11/29/2021 – 2/7/2022	EUT Type: Tablet Device		Page 75 of 174



Plot 7-111. PAR Plot (NR Band n77 - 20MHz DFT-s-OFDM 16-QAM - Full RB)

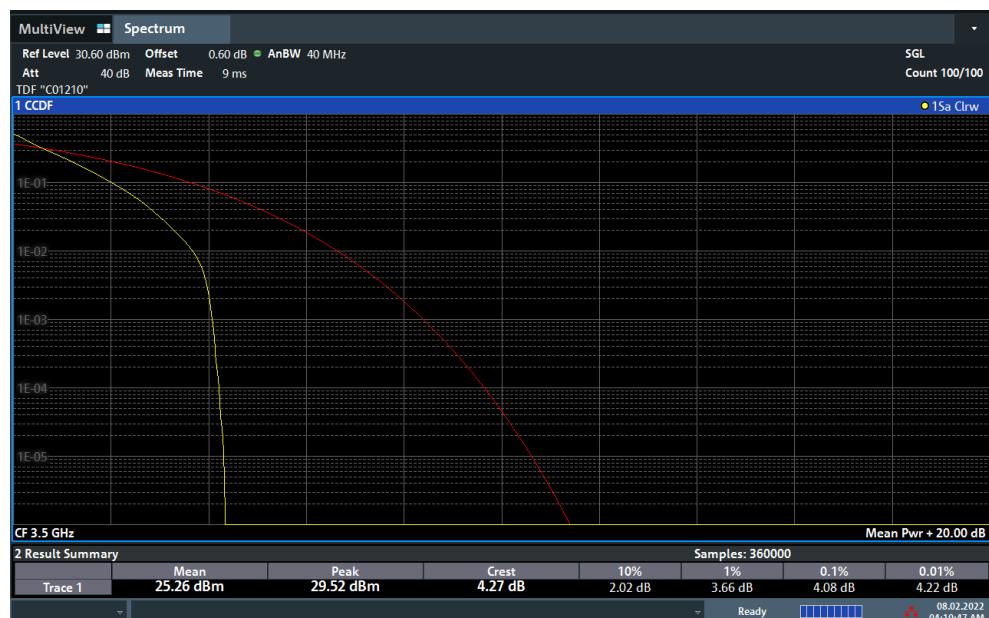


Plot 7-112. PAR Plot (NR Band n77 - 20MHz DFT-s-OFDM 64-QAM - Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of 			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2111150079-05.BCG	Test Dates: 11/29/2021 – 2/7/2022	EUT Type: Tablet Device			Page 76 of 174



Plot 7-113. PAR Plot (NR Band n77 - 20MHz DFT-s-OFDM 256-QAM - Full RB)



Plot 7-114. PAR Plot (NR Band n77 - 30MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of  element			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2111150079-05.BCG	Test Dates: 11/29/2021 - 2/7/2022	EUT Type: Tablet Device			Page 77 of 174

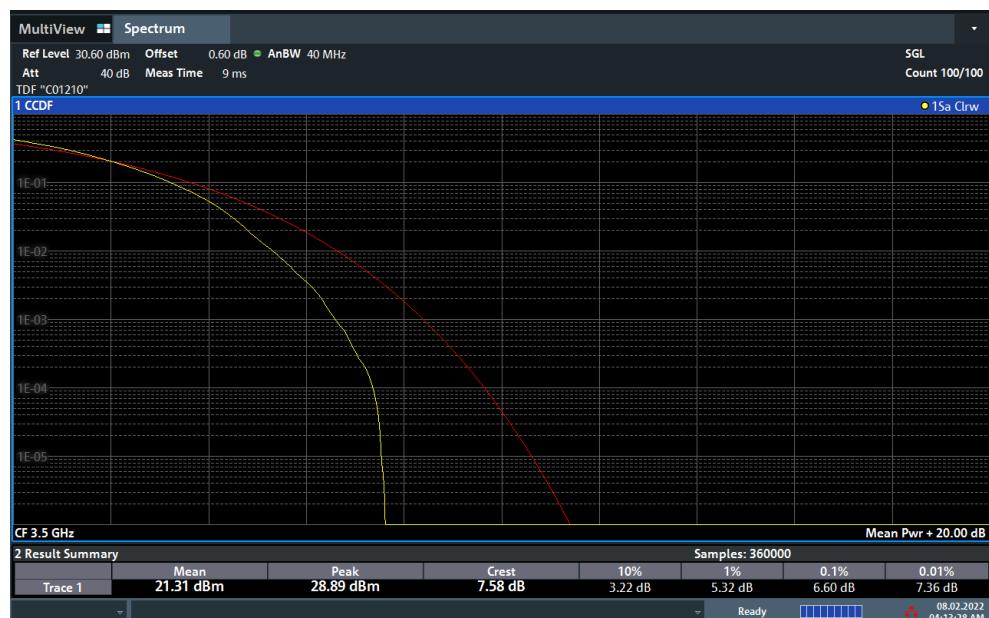


Plot 7-115. PAR Plot (NR Band n77 - 30MHz DFT-s-OFDM QPSK - Full RB)



Plot 7-116. PAR Plot (NR Band n77 - 30MHz DFT-s-OFDM 16-QAM - Full RB)

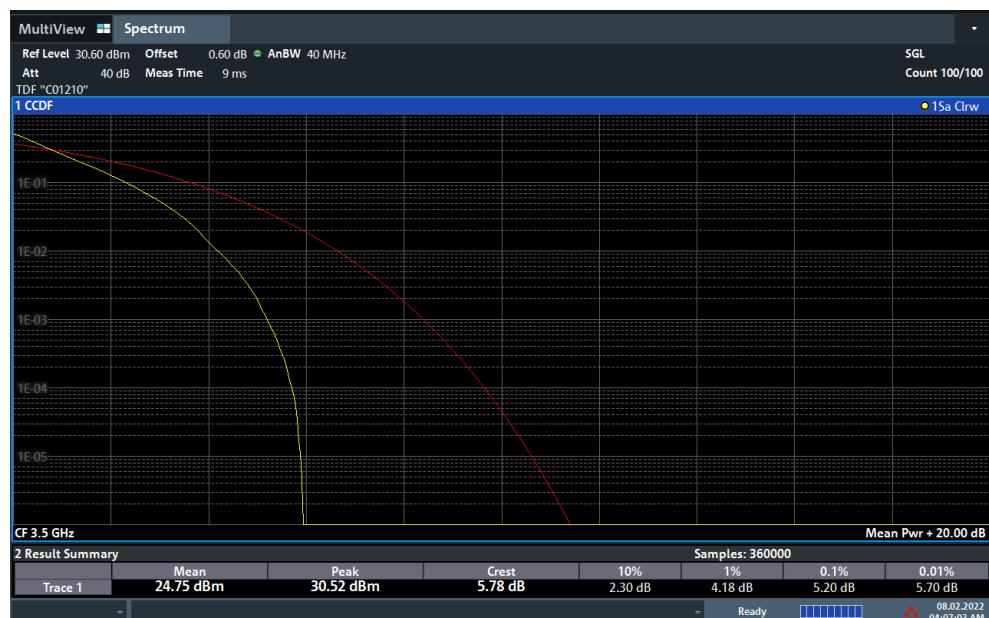
FCC ID: BCGA2589	PCTEST® Proud to be part of 			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2111150079-05.BCG	Test Dates: 11/29/2021 - 2/7/2022	EUT Type: Tablet Device			Page 78 of 174


Plot 7-117. PAR Plot (NR Band n77 - 30MHz DFT-s-OFDM 64-QAM - Full RB)

Plot 7-118. PAR Plot (NR Band n77 - 30MHz DFT-s-OFDM 256-QAM - Full RB)

FCC ID: BCGA2589	 PART 27 MEASUREMENT REPORT			Approved by: Technical Manager
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Plot 7-119. PAR Plot (NR Band n77 - 40MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

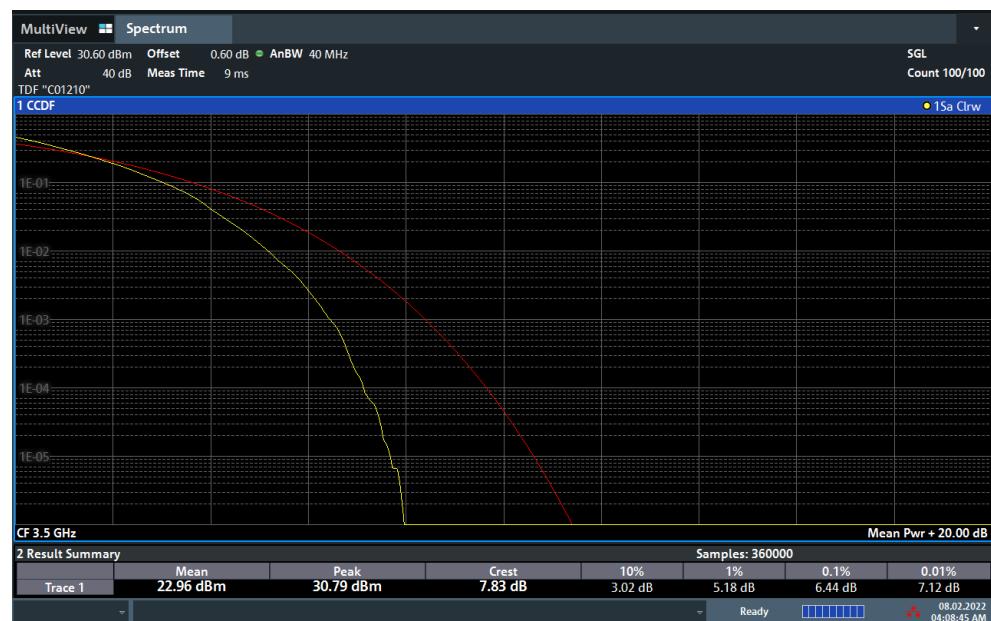


Plot 7-120. PAR Plot (NR Band n77 - 40MHz DFT-s-OFDM QPSK - Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of  element			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-121. PAR Plot (NR Band n77 - 40MHz DFT-s-OFDM 16-QAM - Full RB)



Plot 7-122. PAR Plot (NR Band n77 - 40MHz DFT-s-OFDM 64-QAM - Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of 			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-123. PAR Plot (NR Band n77 - 40MHz DFT-s-OFDM 256-QAM - Full RB)



Plot 7-124. PAR Plot (NR Band n77 - 50MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of 			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2111150079-05.BCG	Test Dates: 11/29/2021 - 2/7/2022	EUT Type: Tablet Device			Page 82 of 174



Plot 7-125. PAR Plot (NR Band n77 - 50MHz DFT-s-OFDM QPSK - Full RB)



Plot 7-126. PAR Plot (NR Band n77 - 50MHz DFT-s-OFDM 16-QAM - Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of 			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2111150079-05.BCG	Test Dates: 11/29/2021 - 2/7/2022	EUT Type: Tablet Device			Page 83 of 174



Plot 7-127. PAR Plot (NR Band n77 - 50MHz DFT-s-OFDM 64-QAM - Full RB)

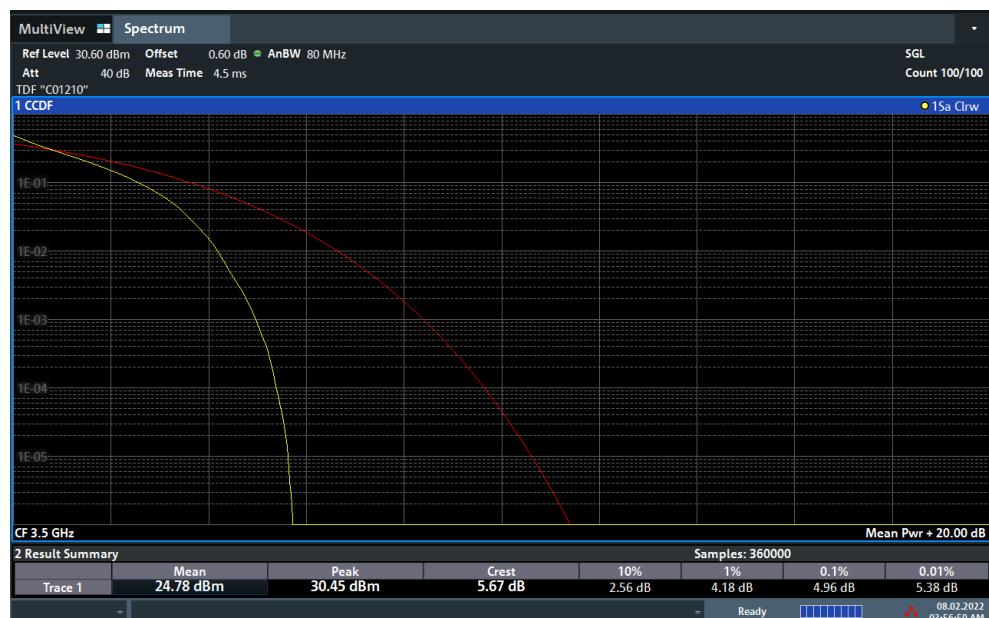


Plot 7-128. PAR Plot (NR Band n77 - 50MHz DFT-s-OFDM 256-QAM - Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of 			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-129. PAR Plot (NR Band n77 - 60MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)



Plot 7-130. PAR Plot (NR Band n77 - 60MHz DFT-s-OFDM QPSK - Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of  element			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-131. PAR Plot (NR Band n77 - 60MHz DFT-s-OFDM 16-QAM - Full RB)

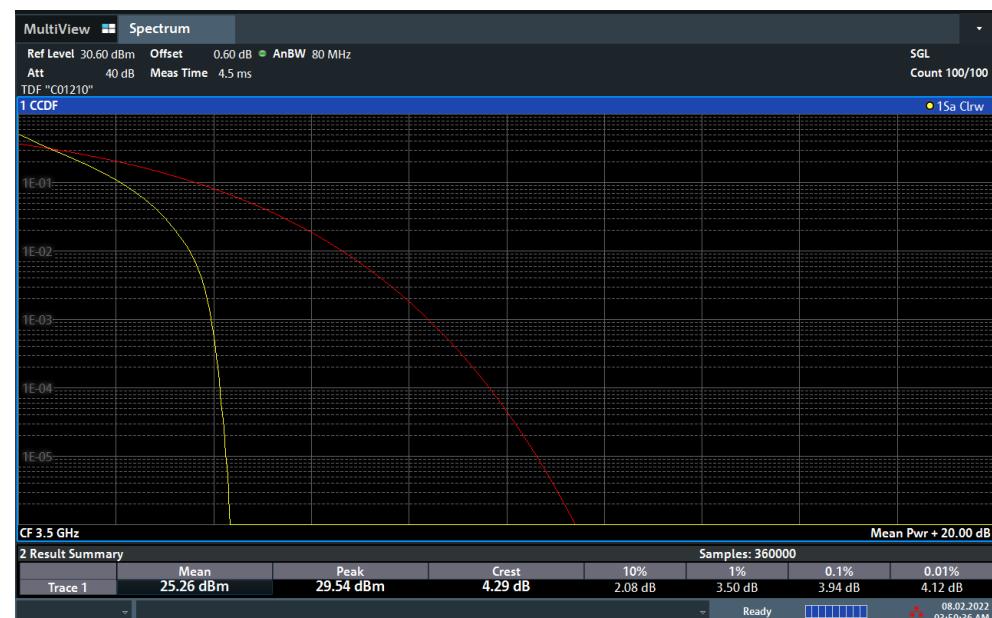


Plot 7-132. PAR Plot (NR Band n77 - 60MHz DFT-s-OFDM 64-QAM - Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of 			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2111150079-05.BCG	Test Dates: 11/29/2021 – 2/7/2022	EUT Type: Tablet Device			Page 86 of 174

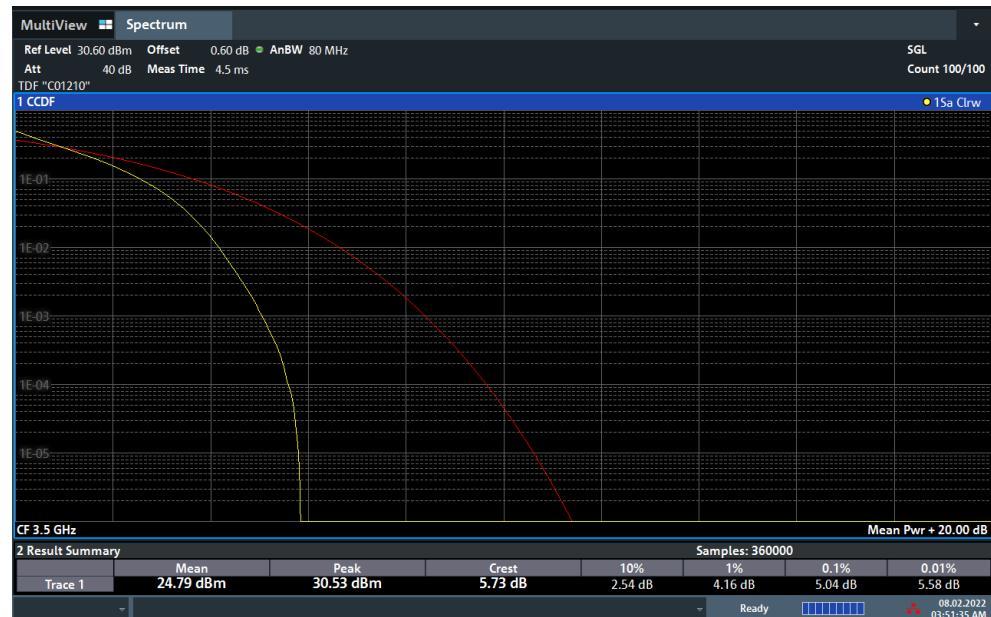


Plot 7-133. PAR Plot (NR Band n77 - 60MHz DFT-s-OFDM 256-QAM - Full RB)



Plot 7-134. PAR Plot (NR Band n77 - 70MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of 			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-135. PAR Plot (NR Band n77 - 70MHz DFT-s-OFDM QPSK - Full RB)

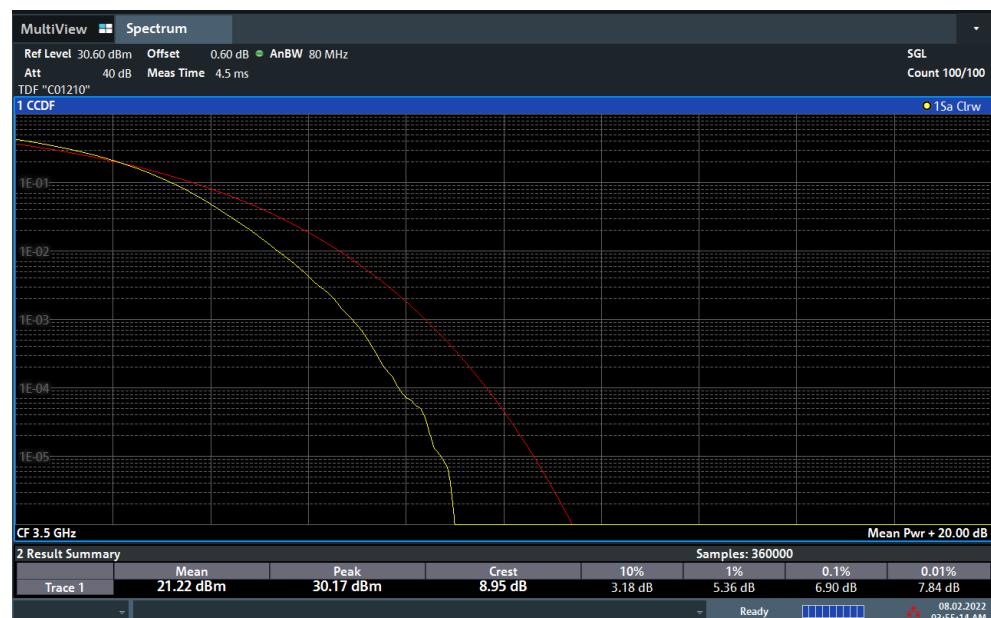


Plot 7-136. PAR Plot (NR Band n77 - 70MHz DFT-s-OFDM 16-QAM - Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of 			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2111150079-05.BCG	Test Dates: 11/29/2021 - 2/7/2022	EUT Type: Tablet Device			Page 88 of 174

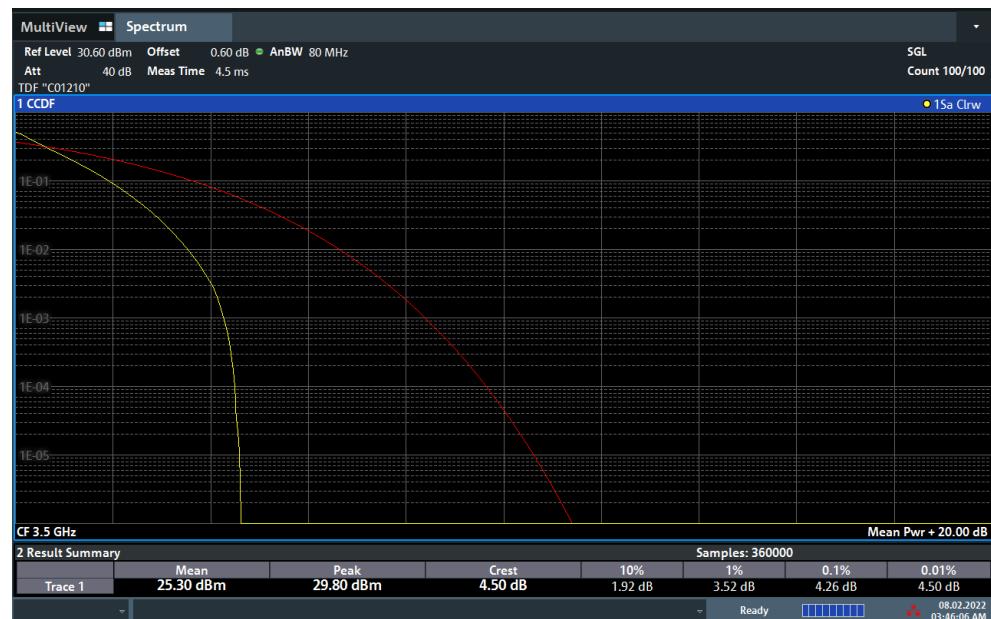


Plot 7-137. PAR Plot (NR Band n77 - 70MHz DFT-s-OFDM 64-QAM - Full RB)



Plot 7-138. PAR Plot (NR Band n77 - 70MHz DFT-s-OFDM 256-QAM - Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of 			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-139. PAR Plot (NR Band n77 - 80MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)



Plot 7-140. PAR Plot (NR Band n77 - 80MHz DFT-s-OFDM QPSK - Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of 			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2111150079-05.BCG	Test Dates: 11/29/2021 – 2/7/2022	EUT Type: Tablet Device			



Plot 7-141. PAR Plot (NR Band n77 - 80MHz DFT-s-OFDM 16-QAM - Full RB)

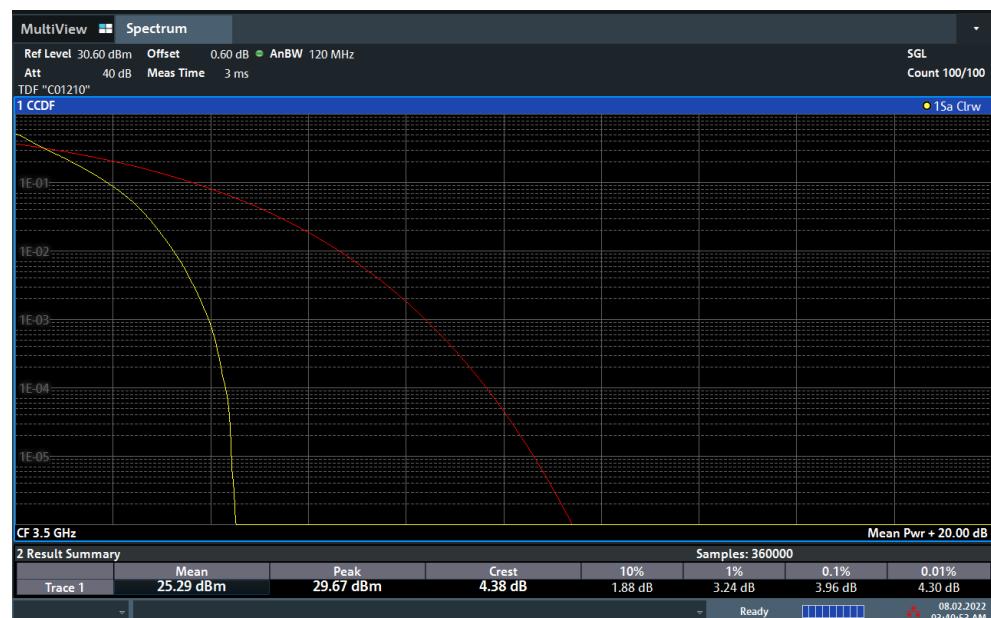


Plot 7-142. PAR Plot (NR Band n77 - 80MHz DFT-s-OFDM 64-QAM - Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of 			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2111150079-05.BCG	Test Dates: 11/29/2021 – 2/7/2022	EUT Type: Tablet Device			Page 91 of 174



Plot 7-143. PAR Plot (NR Band n77 - 80MHz DFT-s-OFDM 256-QAM - Full RB)



Plot 7-144. PAR Plot (NR Band n77 - 90MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of 			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-145. PAR Plot (NR Band n77 - 90MHz DFT-s-OFDM QPSK - Full RB)



Plot 7-146. PAR Plot (NR Band n77 - 90MHz DFT-s-OFDM 16-QAM - Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of 			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-147. PAR Plot (NR Band n77 - 90MHz DFT-s-OFDM 64-QAM - Full RB)



Plot 7-148. PAR Plot (NR Band n77 - 90MHz DFT-s-OFDM 256-QAM - Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of  element			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-149. PAR Plot (NR Band n77 - 100MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

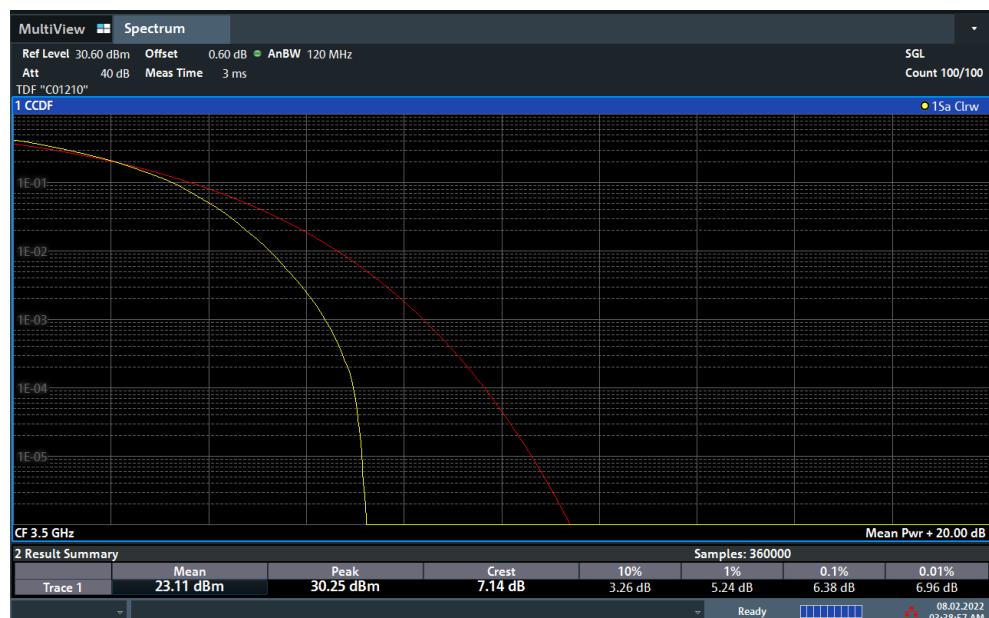


Plot 7-150. PAR Plot (NR Band n77 - 100MHz DFT-s-OFDM QPSK - Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of 			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2111150079-05.BCG	Test Dates: 11/29/2021 - 2/7/2022	EUT Type: Tablet Device			Page 95 of 174

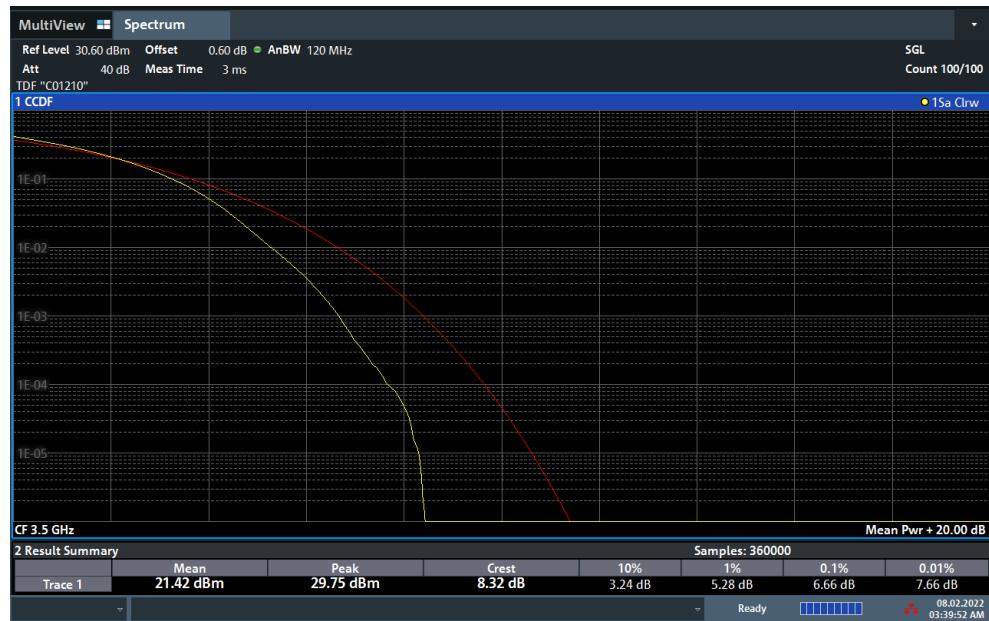


Plot 7-151. PAR Plot (NR Band n77 - 100MHz DFT-s-OFDM 16-QAM - Full RB)



Plot 7-152. PAR Plot (NR Band n77 - 100MHz DFT-s-OFDM 64-QAM - Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of  element			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-153. PAR Plot (NR Band n77 - 100MHz DFT-s-OFDM 256-QAM - Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of  element			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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NR Band n77 C-Band



Plot 7-154. PAR Plot (NR Band n77 - 20MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

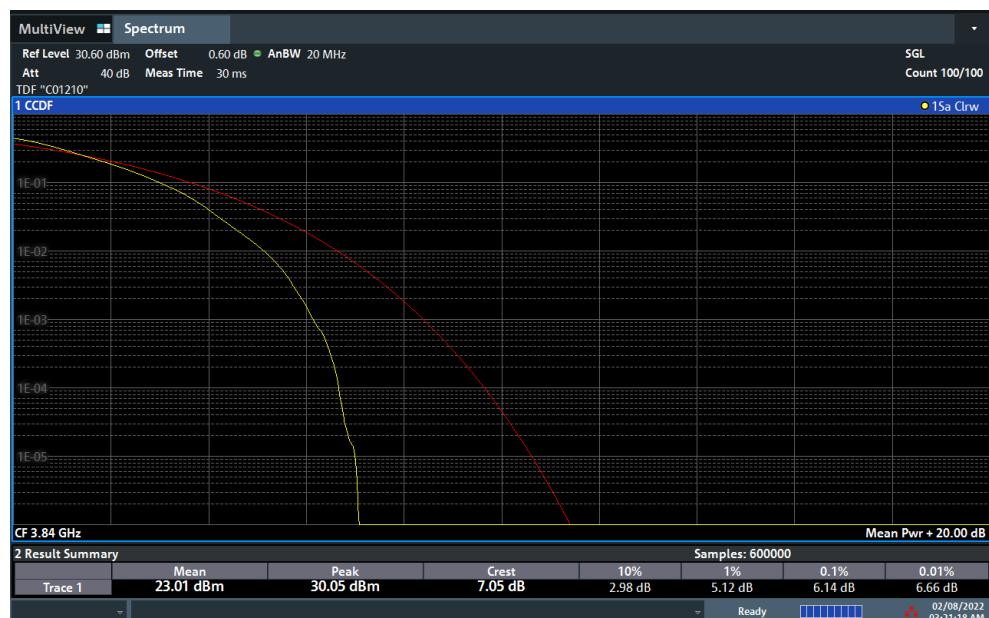


Plot 7-155. PAR Plot (NR Band n77 - 20MHz DFT-s-OFDM QPSK - Full RB)

FCC ID: BCGA2589	 PCTEST® Proud to be part of  element			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2111150079-05.BCG	Test Dates: 11/29/2021 – 2/7/2022	EUT Type: Tablet Device			Page 98 of 174



Plot 7-156. PAR Plot (NR Band n77 - 20MHz DFT-s-OFDM 16-QAM - Full RB)

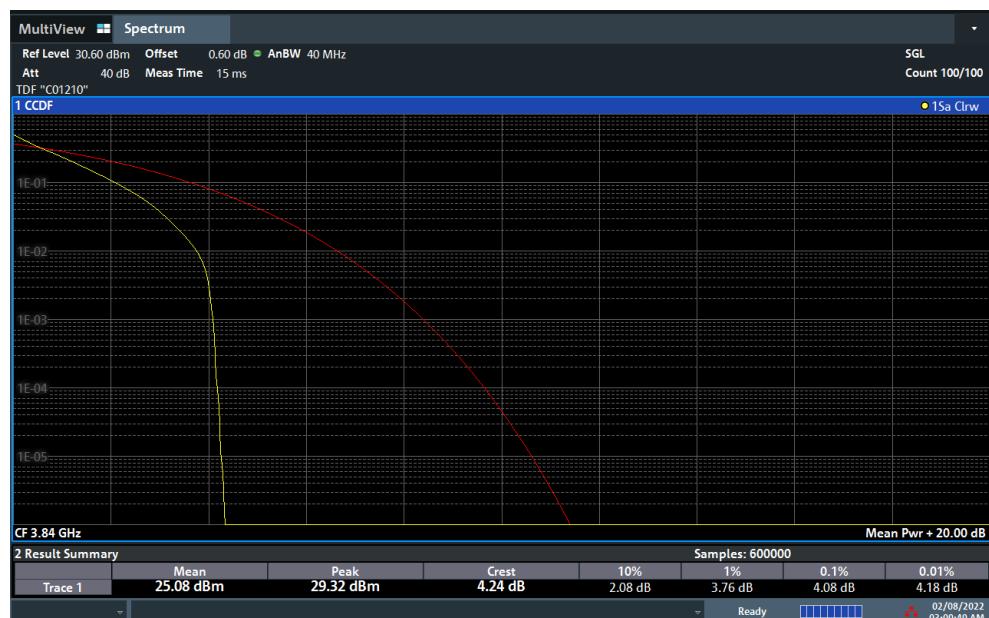


Plot 7-157. PAR Plot (NR Band n77 - 20MHz DFT-s-OFDM 64-QAM - Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of  element			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2111150079-05.BCG	Test Dates: 11/29/2021 – 2/7/2022	EUT Type: Tablet Device			Page 99 of 174



Plot 7-158. PAR Plot (NR Band n77 - 20MHz DFT-s-OFDM 256-QAM - Full RB)



Plot 7-159. PAR Plot (NR Band n77 - 30MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of  element			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2111150079-05.BCG	Test Dates: 11/29/2021 - 2/7/2022	EUT Type: Tablet Device			Page 100 of 174



Plot 7-160. PAR Plot (NR Band n77 - 30MHz DFT-s-OFDM QPSK - Full RB)



Plot 7-161. PAR Plot (NR Band n77 - 30MHz DFT-s-OFDM 16-QAM - Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of 			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2111150079-05.BCG	Test Dates: 11/29/2021 - 2/7/2022	EUT Type: Tablet Device			Page 101 of 174



Plot 7-162. PAR Plot (NR Band n77 - 30MHz DFT-s-OFDM 64-QAM - Full RB)

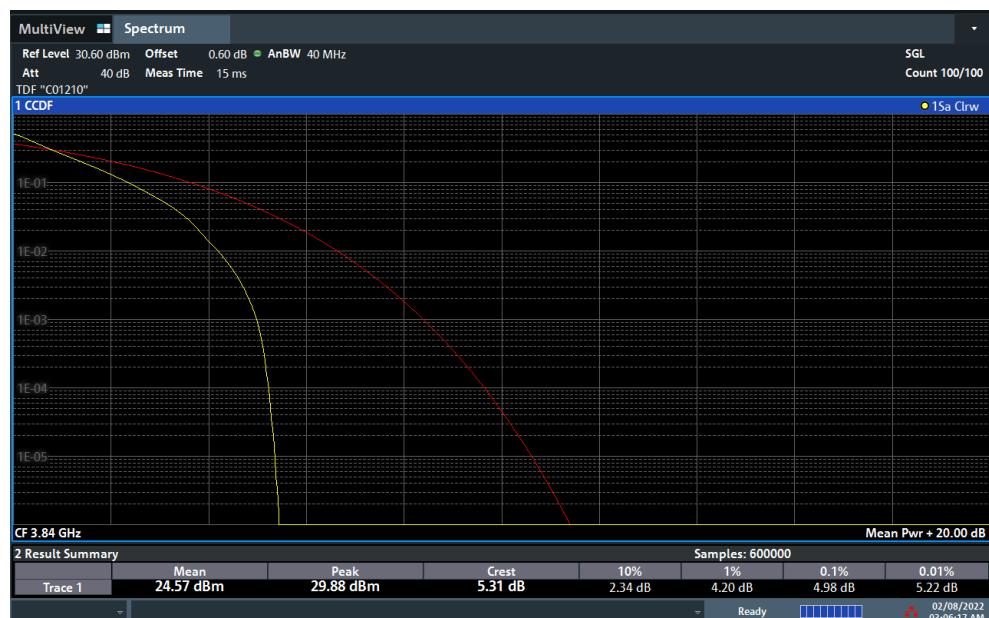


Plot 7-163. PAR Plot (NR Band n77 - 30MHz DFT-s-OFDM 256-QAM - Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of 			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-164. PAR Plot (NR Band n77 - 40MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)



Plot 7-165. PAR Plot (NR Band n77 - 40MHz DFT-s-OFDM QPSK - Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of  element			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2111150079-05.BCG	Test Dates: 11/29/2021 – 2/7/2022	EUT Type: Tablet Device			Page 103 of 174

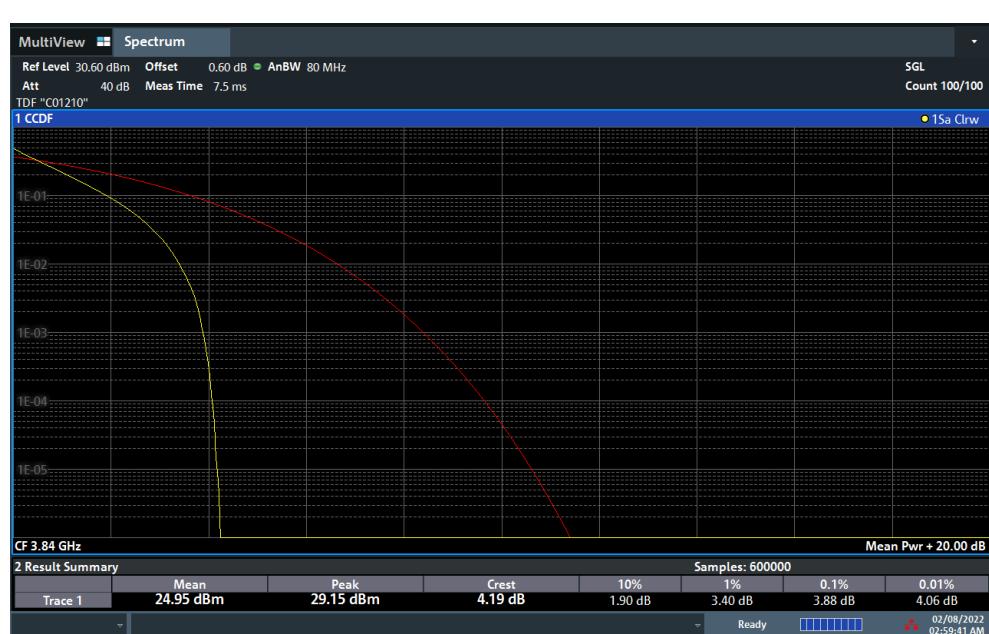


Plot 7-166. PAR Plot (NR Band n77 - 40MHz DFT-s-OFDM 16-QAM - Full RB)



Plot 7-167. PAR Plot (NR Band n77 - 40MHz DFT-s-OFDM 64-QAM - Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of  element			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2111150079-05.BCG	Test Dates: 11/29/2021 – 2/7/2022	EUT Type: Tablet Device			Page 104 of 174



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Plot 7-170. PAR Plot (NR Band n77 - 50MHz DFT-s-OFDM QPSK - Full RB)



Plot 7-171. PAR Plot (NR Band n77 - 50MHz DFT-s-OFDM 16-QAM - Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of 			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-172. PAR Plot (NR Band n77 - 50MHz DFT-s-OFDM 64-QAM - Full RB)



Plot 7-173. PAR Plot (NR Band n77 - 50MHz DFT-s-OFDM 256-QAM - Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of 			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2111150079-05.BCG	Test Dates: 11/29/2021 - 2/7/2022	EUT Type: Tablet Device			Page 107 of 174



Plot 7-174. PAR Plot (NR Band n77 - 60MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

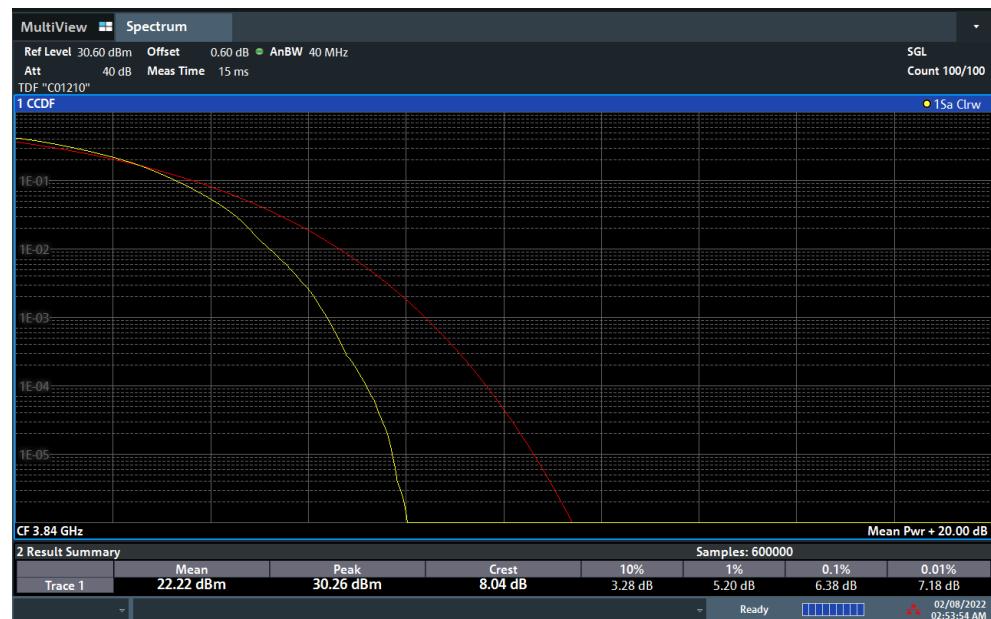


Plot 7-175. PAR Plot (NR Band n77 - 60MHz DFT-s-OFDM QPSK - Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of 			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2111150079-05.BCG	Test Dates: 11/29/2021 – 2/7/2022	EUT Type: Tablet Device			Page 108 of 174



Plot 7-176. PAR Plot (NR Band n77 - 60MHz DFT-s-OFDM 16-QAM - Full RB)



Plot 7-177. PAR Plot (NR Band n77 - 60MHz DFT-s-OFDM 64-QAM - Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of 			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2111150079-05.BCG	Test Dates: 11/29/2021 – 2/7/2022	EUT Type: Tablet Device			Page 109 of 174



Plot 7-178. PAR Plot (NR Band n77 - 60MHz DFT-s-OFDM 256-QAM - Full RB)

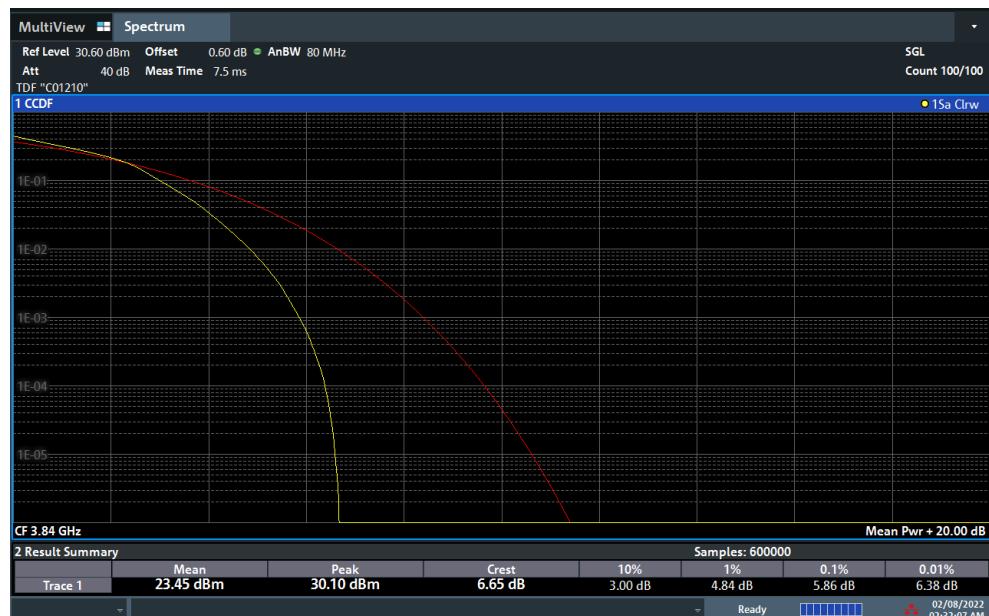


Plot 7-179. PAR Plot (NR Band n77 - 70MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of 			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-180. PAR Plot (NR Band n77 - 70MHz DFT-s-OFDM QPSK - Full RB)



Plot 7-181. PAR Plot (NR Band n77 - 70MHz DFT-s-OFDM 16-QAM - Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of 			PART 27 MEASUREMENT REPORT			Approved by: Technical Manager
Test Report S/N: 1C2111150079-05.BCG	Test Dates: 11/29/2021 - 2/7/2022	EUT Type: Tablet Device				Page 111 of 174	

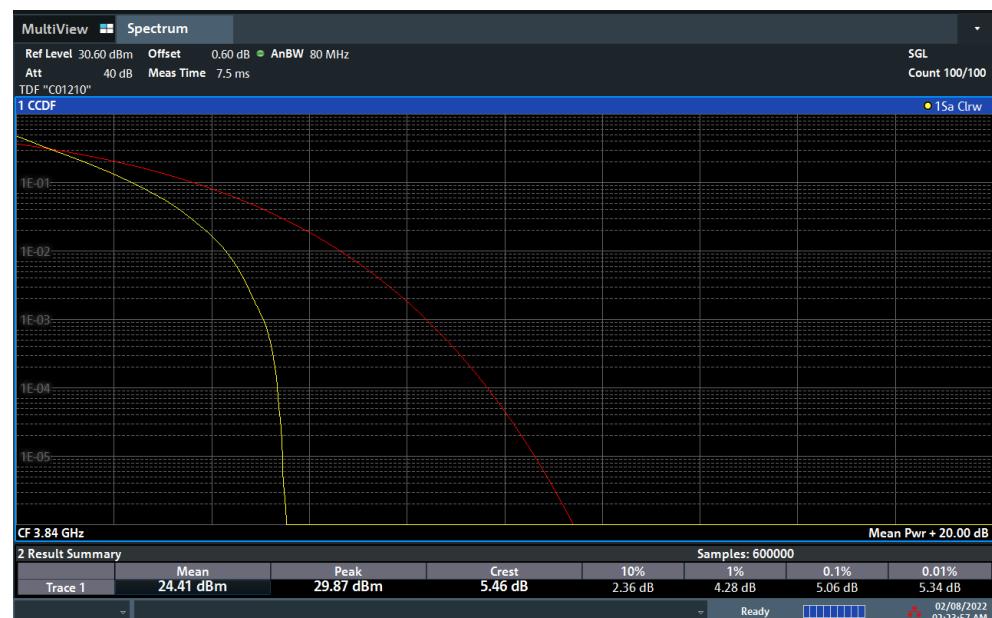

Plot 7-182. PAR Plot (NR Band n77 - 70MHz DFT-s-OFDM 64-QAM - Full RB)

Plot 7-183. PAR Plot (NR Band n77 - 70MHz DFT-s-OFDM 256-QAM - Full RB)

FCC ID: BCGA2589	 PCTEST® Proud to be part of  element			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-184. PAR Plot (NR Band n77 - 80MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

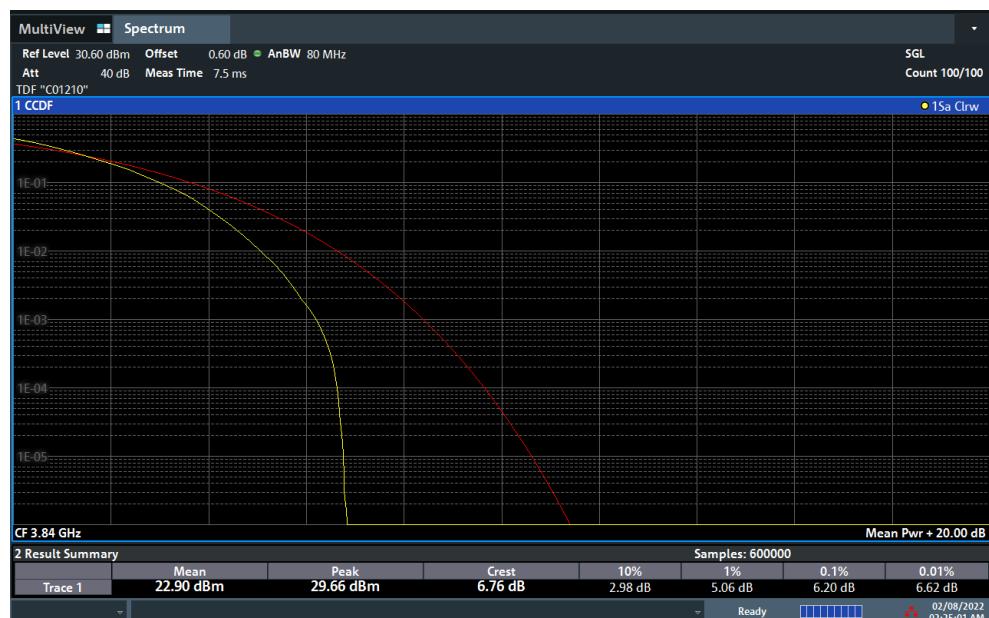


Plot 7-185. PAR Plot (NR Band n77 - 80MHz DFT-s-OFDM QPSK - Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of 			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2111150079-05.BCG	Test Dates: 11/29/2021 – 2/7/2022	EUT Type: Tablet Device			Page 113 of 174



Plot 7-186. PAR Plot (NR Band n77 - 80MHz DFT-s-OFDM 16-QAM - Full RB)



Plot 7-187. PAR Plot (NR Band n77 - 80MHz DFT-s-OFDM 64-QAM - Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of  element			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-188. PAR Plot (NR Band n77 - 80MHz DFT-s-OFDM 256-QAM - Full RB)



Plot 7-189. PAR Plot (NR Band n77 - 90MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of  element			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-190. PAR Plot (NR Band n77 - 90MHz DFT-s-OFDM QPSK - Full RB)

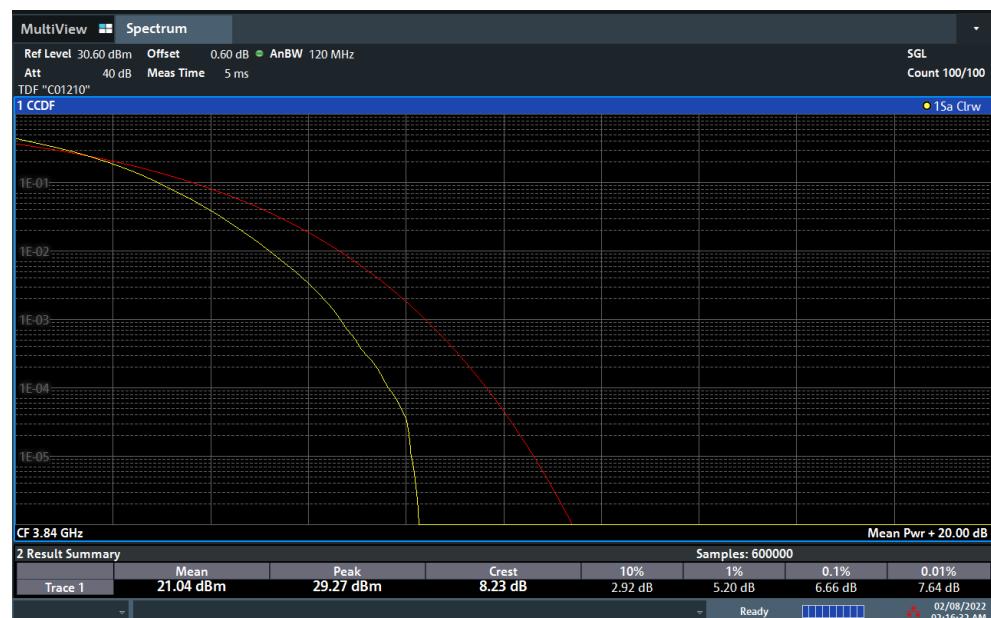


Plot 7-191. PAR Plot (NR Band n77 - 90MHz DFT-s-OFDM 16-QAM - Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of 			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-192. PAR Plot (NR Band n77 - 90MHz DFT-s-OFDM 64-QAM - Full RB)

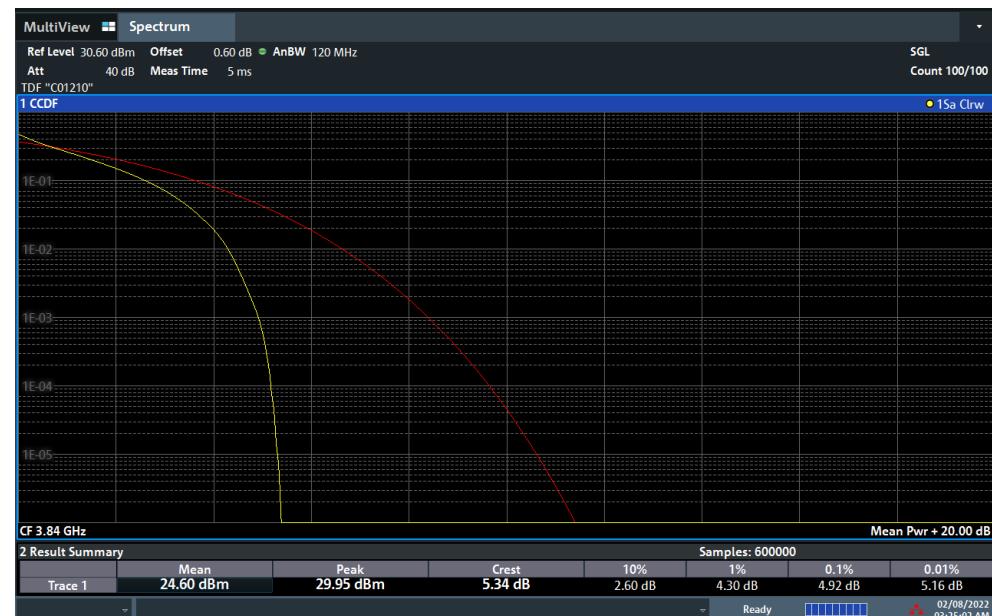


Plot 7-193. PAR Plot (NR Band n77 - 90MHz DFT-s-OFDM 256-QAM - Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of 			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-194. PAR Plot (NR Band n77 - 100MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)



Plot 7-195. PAR Plot (NR Band n77 - 100MHz DFT-s-OFDM QPSK - Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of 			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2111150079-05.BCG	Test Dates: 11/29/2021 - 2/7/2022	EUT Type: Tablet Device			Page 118 of 174



Plot 7-196. PAR Plot (NR Band n77 - 100MHz DFT-s-OFDM 16-QAM - Full RB)



Plot 7-197. PAR Plot (NR Band n77 - 100MHz DFT-s-OFDM 64-QAM - Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of 			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2111150079-05.BCG	Test Dates: 11/29/2021 - 2/7/2022	EUT Type: Tablet Device			Page 119 of 174



Plot 7-198. PAR Plot (NR Band n77 - 100MHz DFT-s-OFDM 256-QAM - Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of 		PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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7.5 Band Edge Emissions at Antenna Terminal

§2.1051, §27.53(l), §27.53(n)

Test Overview

All out of band emissions are measured with a spectrum analyzer connected to the antenna terminal of the EUT while the EUT is operating at maximum power, and at the appropriate frequencies. All data rates were investigated to determine the worst case configuration. All modes of operation were investigated and the worst case configuration results are reported in this section. All ports were tested and only the worst case data was reported.

For NR FR1 Band n77, the minimum permissible attenuation level of any spurious emission is $43 + 10 \log_{10}(P_{[Watts]})$, where P is the transmitter power in Watts.

Test Procedure Used

KDB 971168 D01 v03r01 – Section 6.0

Test Settings

1. Start and stop frequency were set such that the band edge would be placed in the center of the plot
2. Span was set large enough so as to capture all out of band emissions near the band edge
3. RBW $\geq 1\%$ of the emission bandwidth
4. VBW $\geq 3 \times$ RBW
5. Detector = RMS
6. Number of sweep points $\geq 2 \times$ Span/RBW
7. Trace mode = trace average for continuous emissions, max hold for pulse emissions
8. Sweep time = auto couple
9. The trace was allowed to stabilize

Test Setup

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

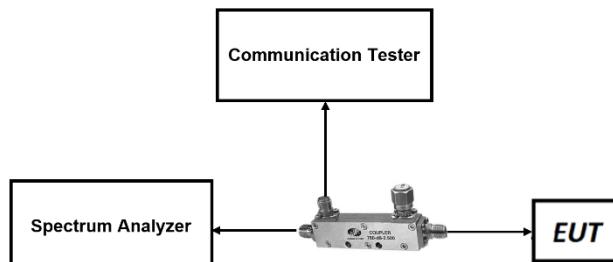


Figure 7-4. Test Instrument & Measurement Setup

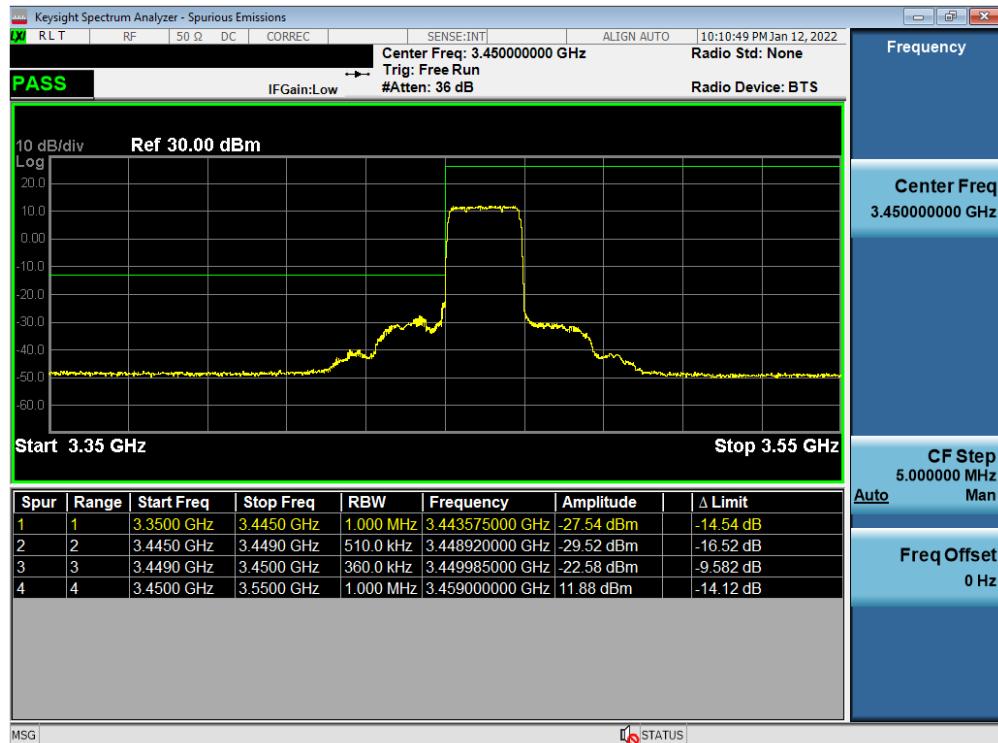
FCC ID: BCGA2589	 PCTEST® Proud to be part of  element		PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Test Notes

1. Per Part 27.53(l), compliance with the applicable limits is based on the use of measurement instrumentation employing a resolution bandwidth 1MHz or greater. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth shall be 500kHz. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emission are attenuated at least 26 dB below the transmitter power.
2. Per Part 27.53(n), compliance with the applicable limits is based on the use of measurement instrumentation employing a resolution bandwidth 1MHz or greater. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed, but limited to a maximum of 200 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth shall be 500kHz. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emission are attenuated at least 26 dB below the transmitter power.
3. For NR operation, all subcarrier spacings (SCS) and transmission schemes (e.g. CP-OFDM and DFT-s-OFDM) were investigated to determine the worst case configuration. All modes of operation were investigated and the worst case configuration results are reported in this section.

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NR Band n77 DoD-Band

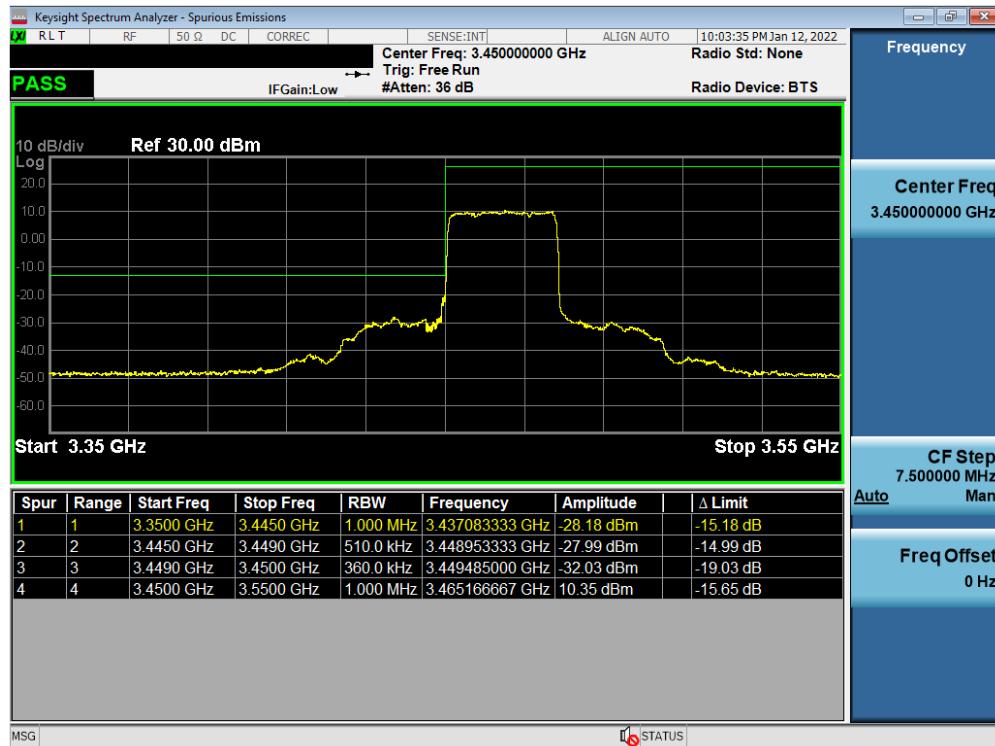


Plot 7-199. Lower ACP Plot (NR Band n77 DoD Band - 20MHz DFT-s-OFDM π/2 BPSK – Full RB)



Plot 7-200. Upper ACP Plot (NR Band n77 DoD Band - 20MHz DFT-s-OFDM QPSK– Full RB)

FCC ID: BCGA2589	 PCTEST® Proud to be part of  element		PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2111150079-05.BCG	Test Dates: 11/29/2021 – 2/7/2022	EUT Type: Tablet Device			Page 123 of 174

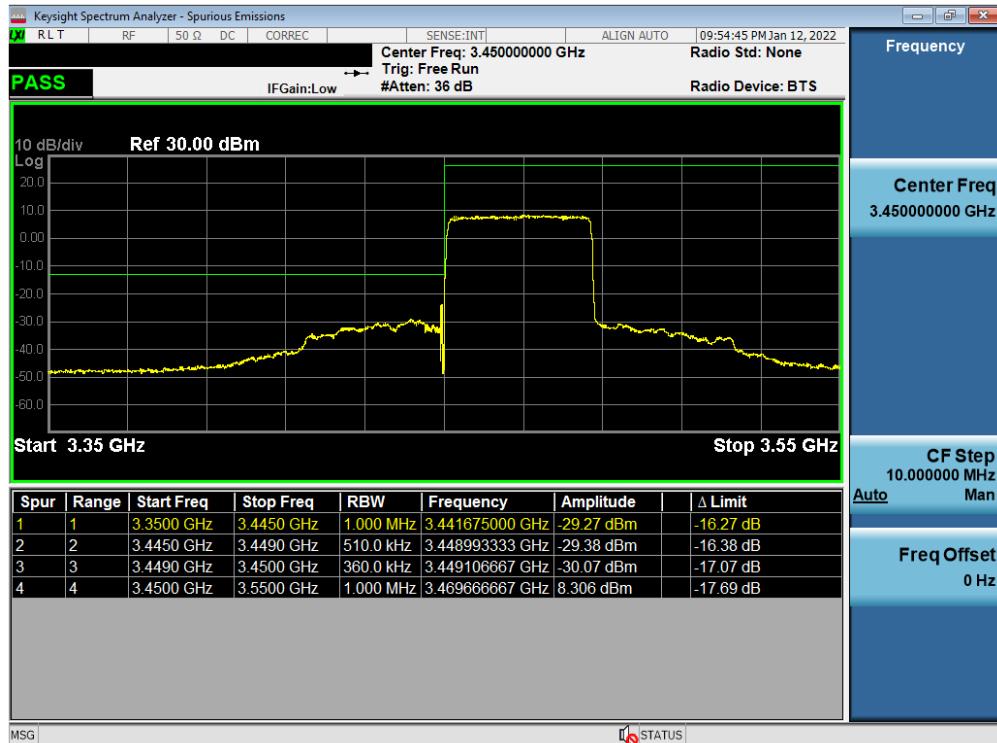


Plot 7-201. Lower ACP Plot (NR Band n77 DoD Band - 30MHz DFT-s-OFDM π/2 BPSK – Full RB)



Plot 7-202. Upper ACP Plot (NR Band n77 DoD Band - 30MHz CP-OFDM QPSK – Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of  element			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C211150079-05.BCG	Test Dates: 11/29/2021 – 2/7/2022	EUT Type: Tablet Device			Page 124 of 174



Plot 7-203. Lower ACP Plot (NR Band n77 DoD Band - 40MHz DFT-s-OFDM QPSK – Full RB)



Plot 7-204. Upper ACP Plot (NR Band n77 DoD Band - 40MHz DFT-s-OFDM π/2 BPSK – Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of  element			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2111150079-05.BCG	Test Dates: 11/29/2021 – 2/7/2022	EUT Type: Tablet Device			Page 125 of 174

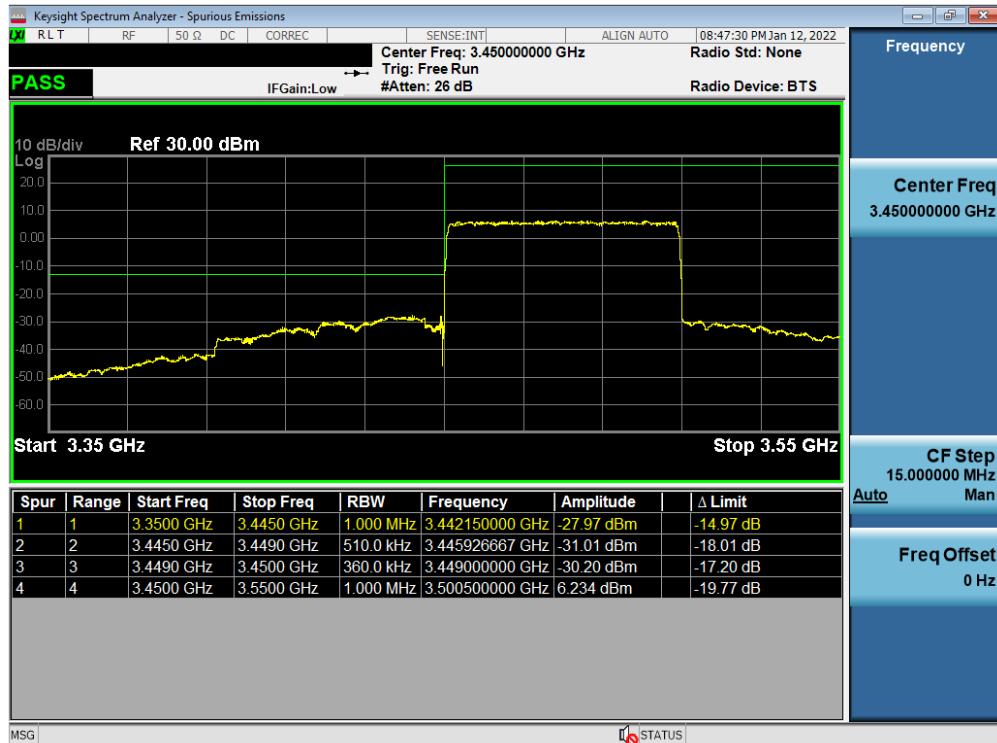


Plot 7-205. Lower ACP Plot (NR Band n77 DoD Band - 50MHz CP-OFDM QPSK – Full RB)



Plot 7-206. Upper ACP Plot (NR Band n77 DoD Band - 50MHz DFT-s-OFDM π/2 BPSK – Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of  element			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2111150079-05.BCG	Test Dates: 11/29/2021 – 2/7/2022	EUT Type: Tablet Device			Page 126 of 174

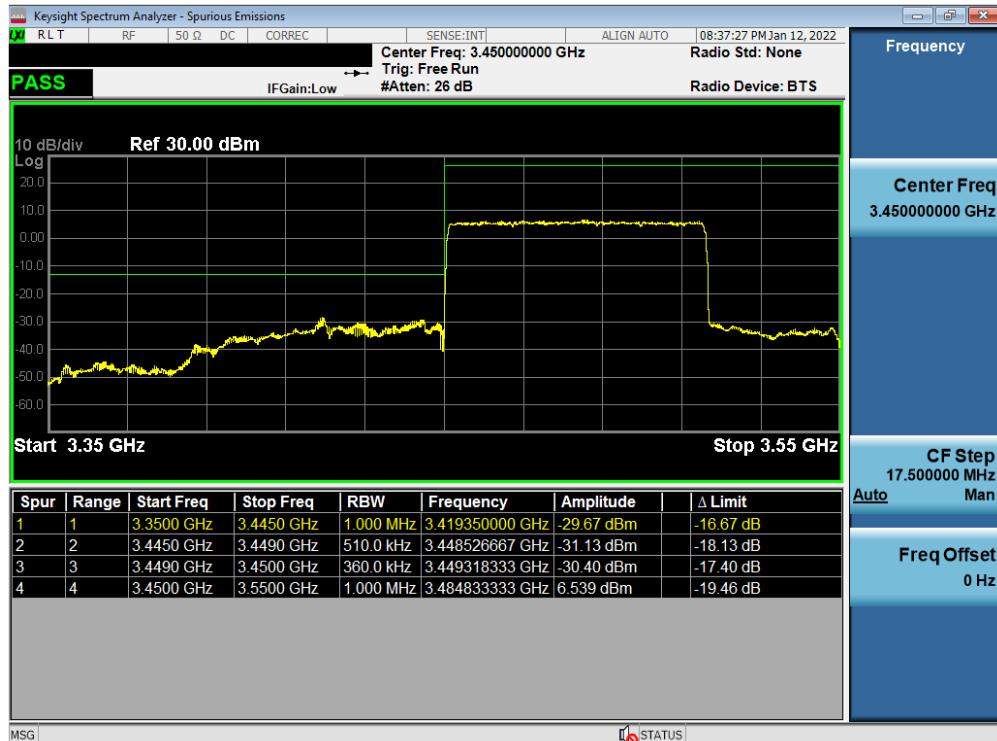


Plot 7-207. Lower ACP Plot (NR Band n77 DoD Band - 60MHz DFT-s-OFDM π/2 BPSK – Full RB)



Plot 7-208. Upper ACP Plot (NR Band n77 DoD Band - 60MHz DFT-s-OFDM π/2 BPSK – Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of  element			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2111150079-05.BCG	Test Dates: 11/29/2021 – 2/7/2022	EUT Type: Tablet Device			Page 127 of 174

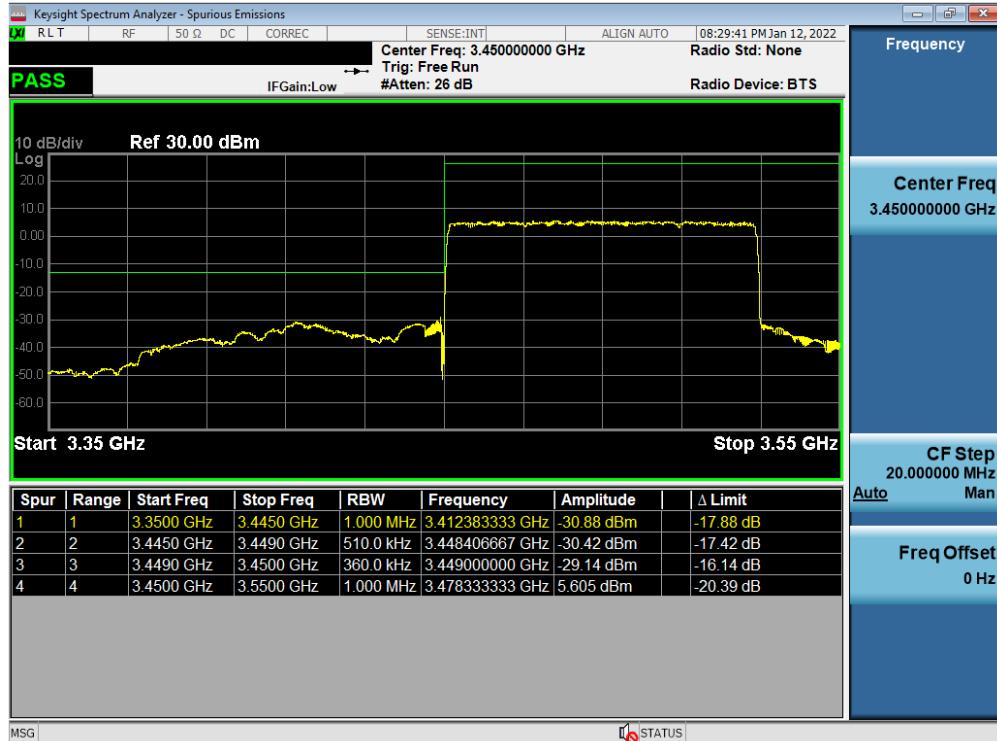


Plot 7-209. Lower ACP Plot (NR Band n77 DoD Band - 70MHz DFT-s-OFDM π/2 BPSK – Full RB)



Plot 7-210. Upper ACP Plot (NR Band n77 DoD Band - 70MHz DFT-s-OFDM π/2 BPSK – Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of  element			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2111150079-05.BCG	Test Dates: 11/29/2021 – 2/7/2022	EUT Type: Tablet Device			Page 128 of 174

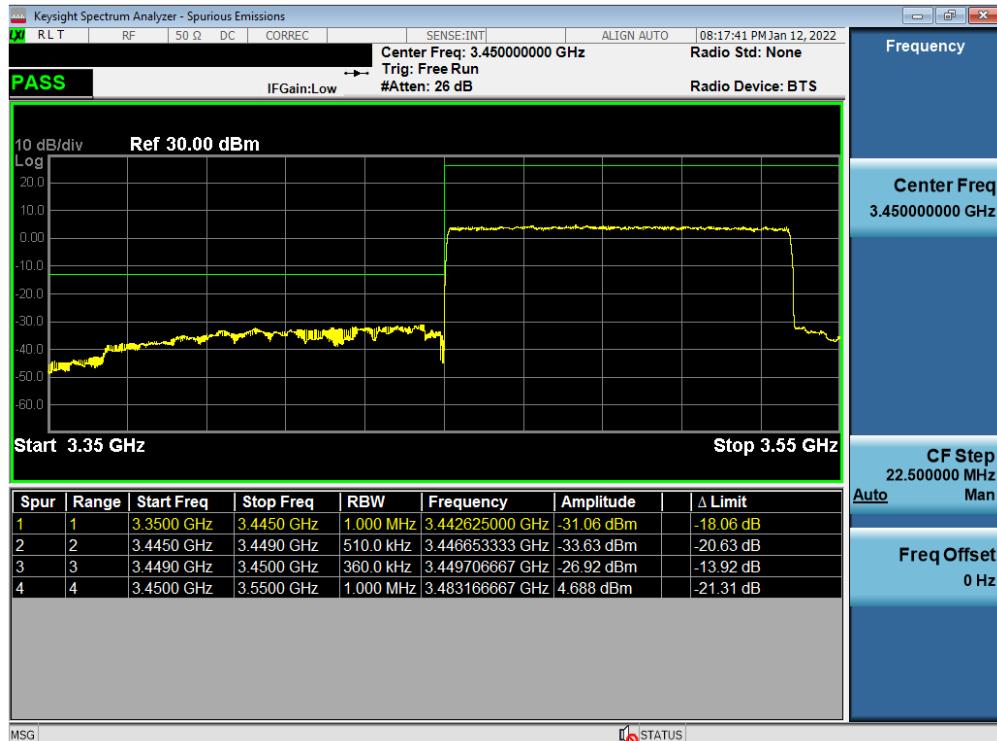


Plot 7-211. Lower ACP Plot (NR Band n77 DoD Band - 80MHz DFT-s-OFDM π/2 BPSK – Full RB)

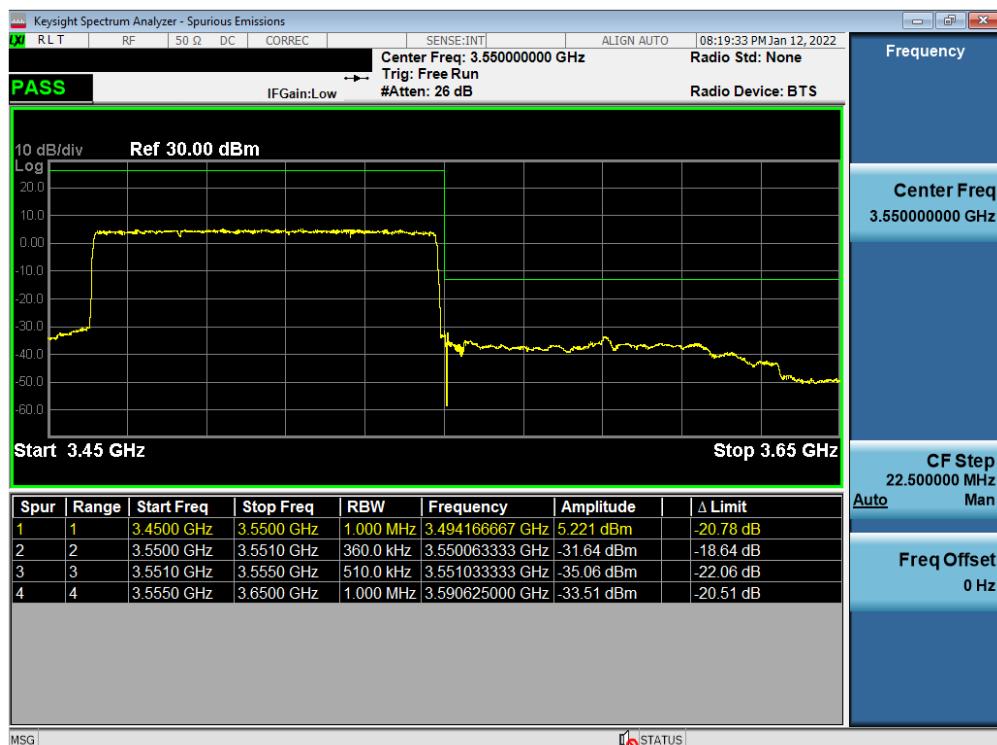


Plot 7-212. Upper ACP Plot (NR Band n77 DoD Band - 80MHz CP-OFDM π/2 BPSK – Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of  element			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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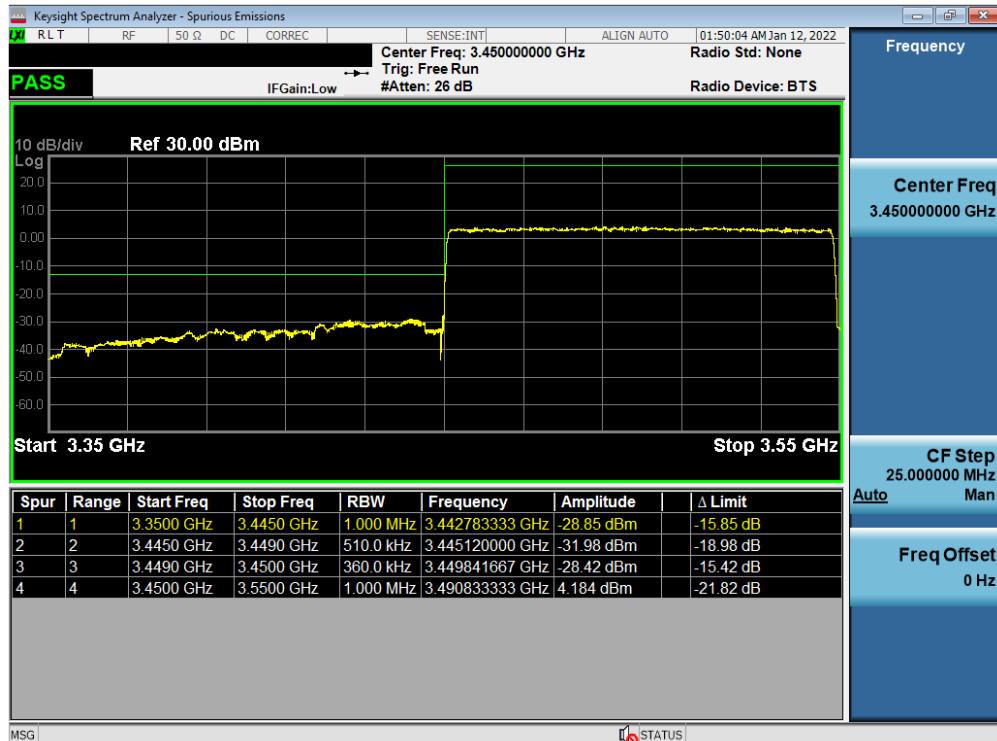


Plot 7-213. Lower ACP Plot (NR Band n77 DoD Band - 90MHz DFT-s-OFDM π/2 BPSK – Full RB)



Plot 7-214. Upper ACP Plot (NR Band n77 DoD Band - 90MHz DFT-s-OFDM π/2 BPSK – Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of  element			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2111150079-05.BCG	Test Dates: 11/29/2021 – 2/7/2022	EUT Type: Tablet Device			Page 130 of 174



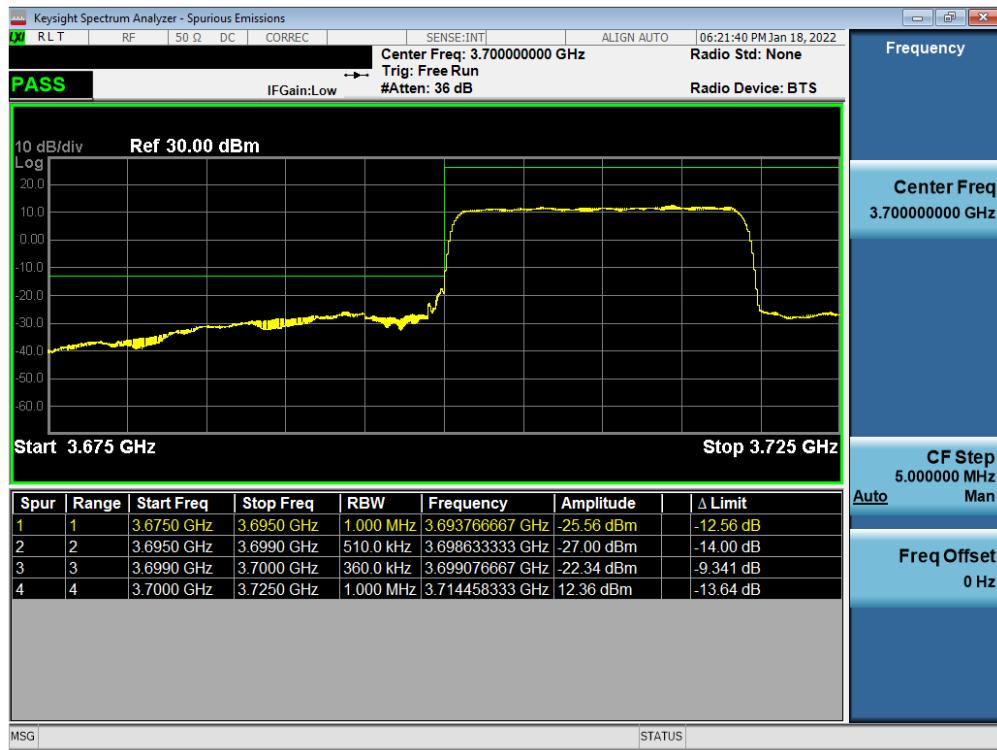
Plot 7-215. Lower ACP Plot (NR Band n77 DoD Band - 100MHz DFT-s-OFDM π/2 BPSK – Full RB)



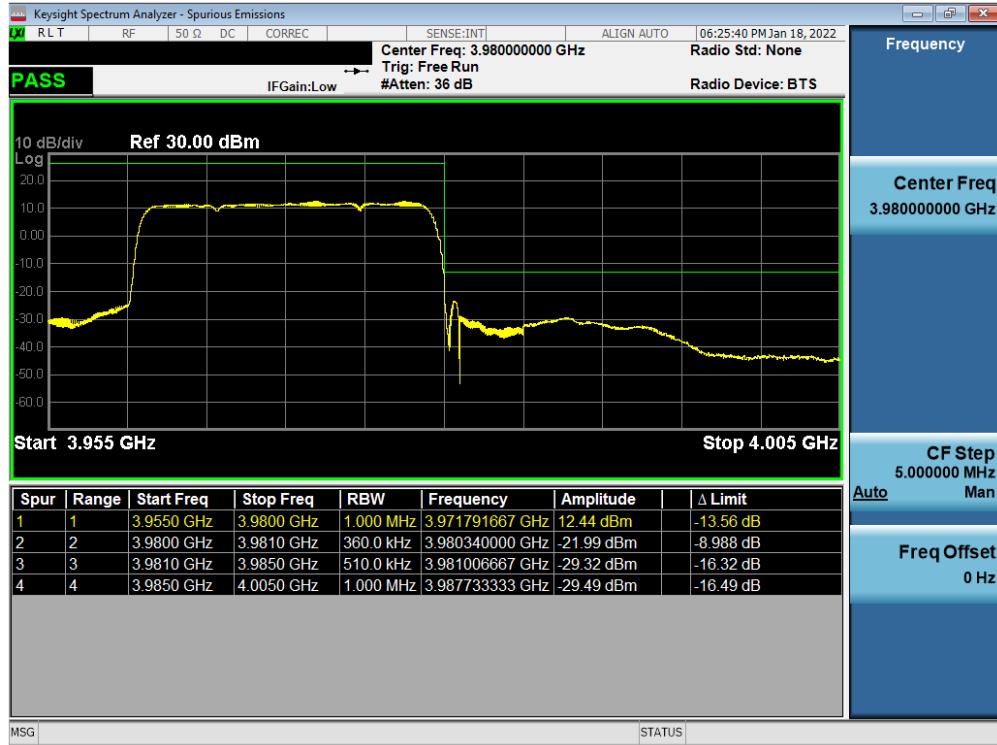
Plot 7-216. Upper ACP Plot (NR Band n77 DoD Band - 100MHz DFT-s-OFDM π/2 BPSK – Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of  element			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2111150079-05.BCG	Test Dates: 11/29/2021 – 2/7/2022	EUT Type: Tablet Device			Page 131 of 174

NR Band n77 C-Band



Plot 7-217. Lower ACP Plot (NR Band n77 C-Band - 20MHz DFT-s-OFDM QPSK– Full RB)

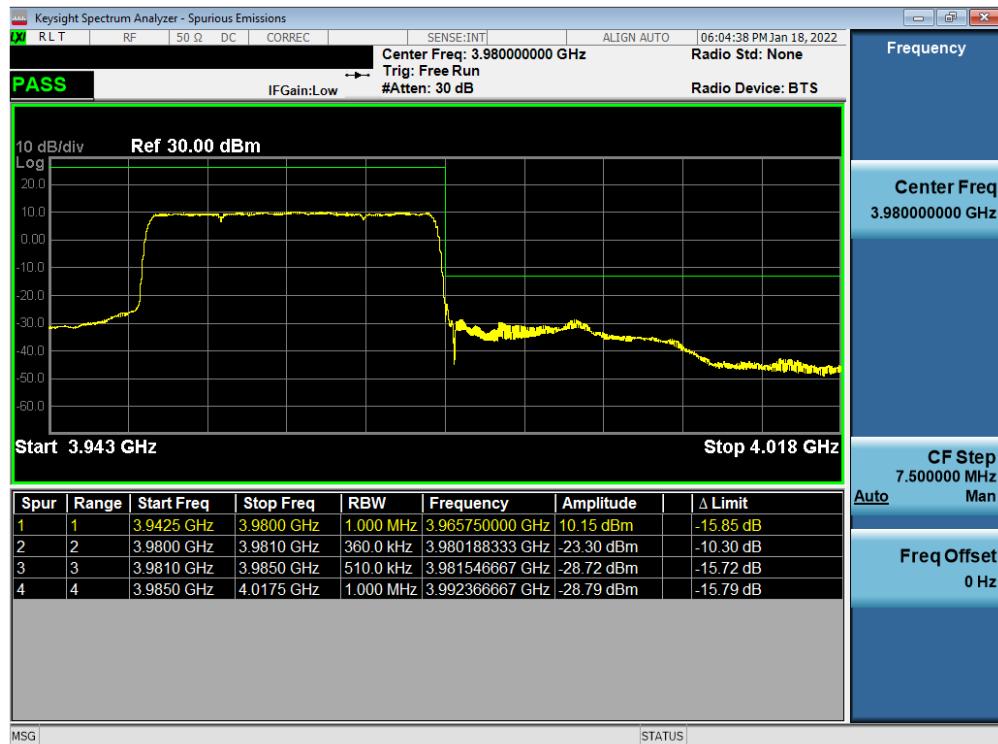


Plot 7-218. Upper ACP Plot (NR Band n77 C-Band - 20MHz DFT-s-OFDM π/2 BPSK – Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of  element			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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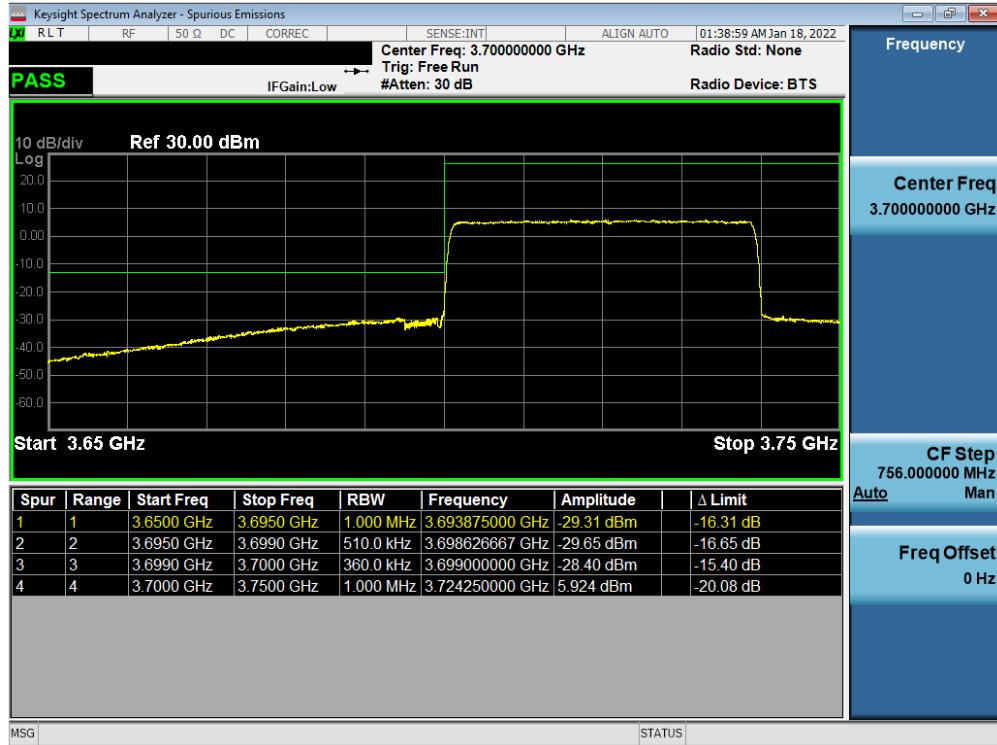


Plot 7-219. Lower ACP Plot (NR Band n77 C-Band - 30MHz DFT-s-OFDM QPSK– Full RB)



Plot 7-220. Upper ACP Plot (NR Band n77 C-Band - 30MHz DFT-s-OFDM π/2 BPSK – Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of  element			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-221. Lower ACP Plot (NR Band n77 C-Band - 40MHz CP-OFDM QPSK– Full RB)



Plot 7-222. Upper ACP Plot (NR Band n77 C-Band - 40MHz DFT-s-OFDM π/2 BPSK – Full RB)

FCC ID: BCGA2589	PCTEST® Proud to be part of  element			PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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