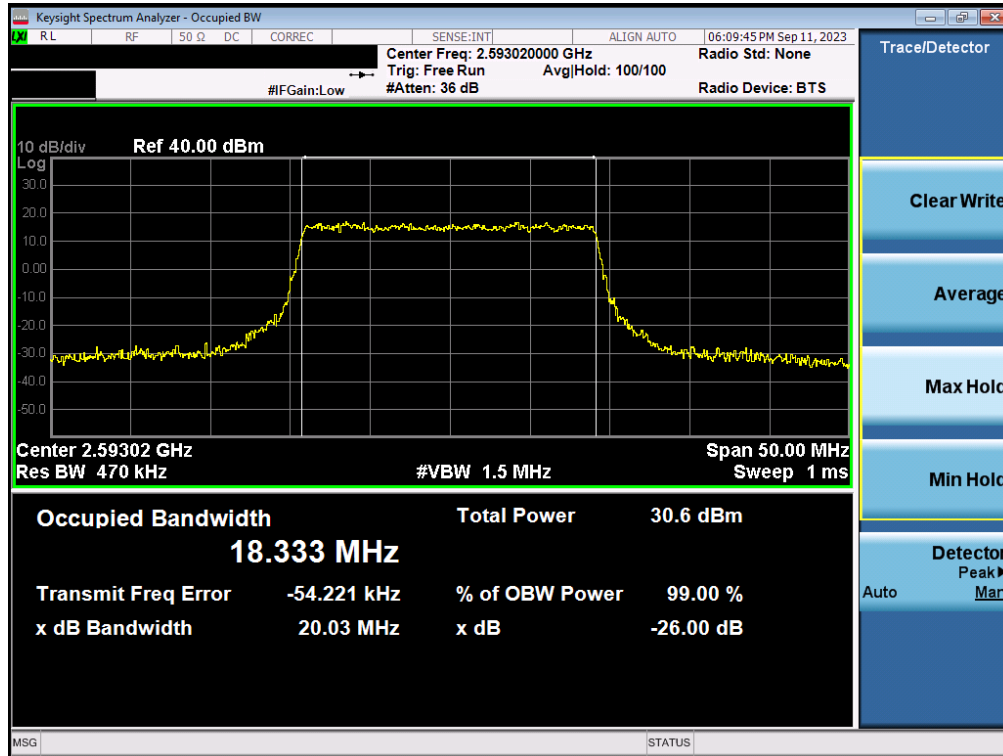
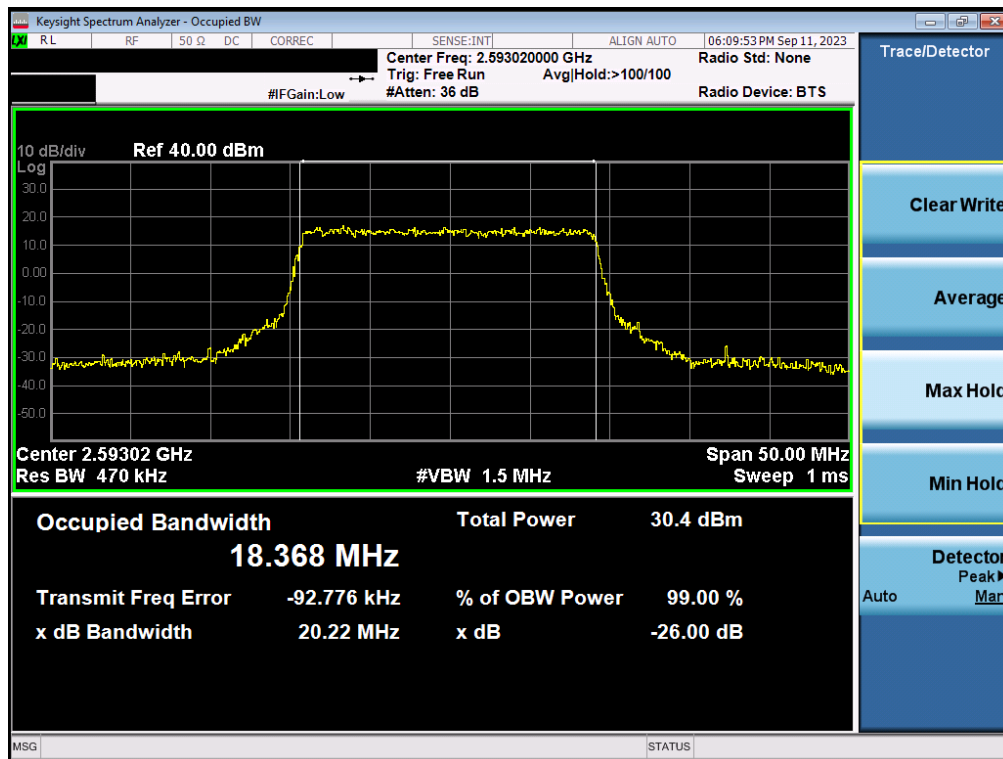


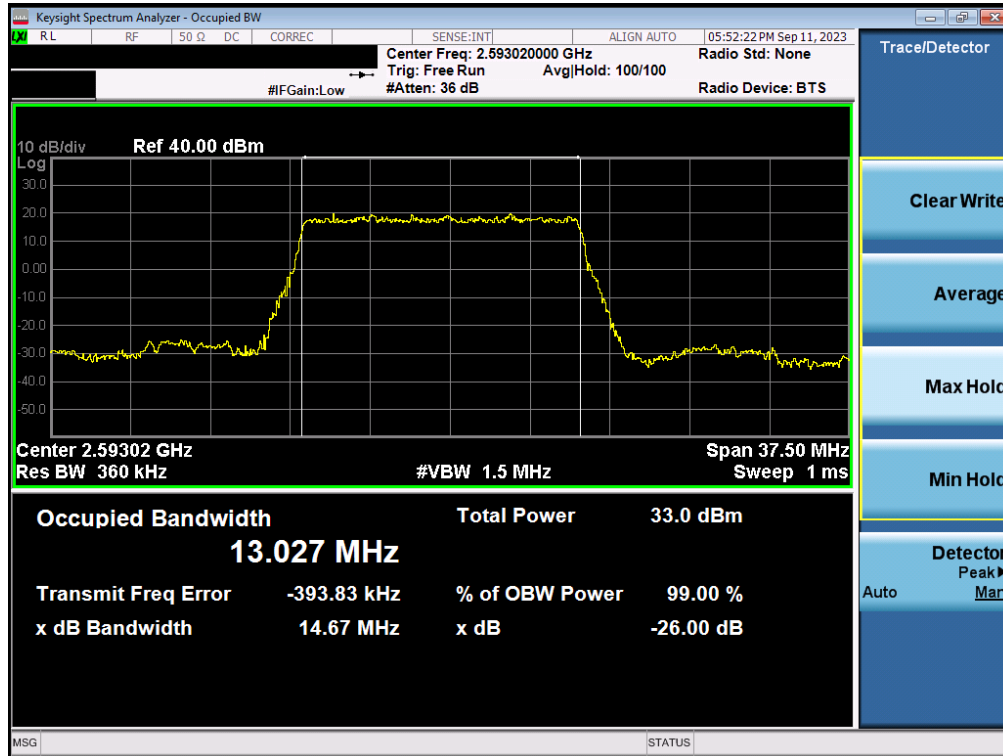


Plot 7-87. Occupied Bandwidth Plot (NR Band n41 - 20MHz QPSK - Full RB Configuration - Ant1)

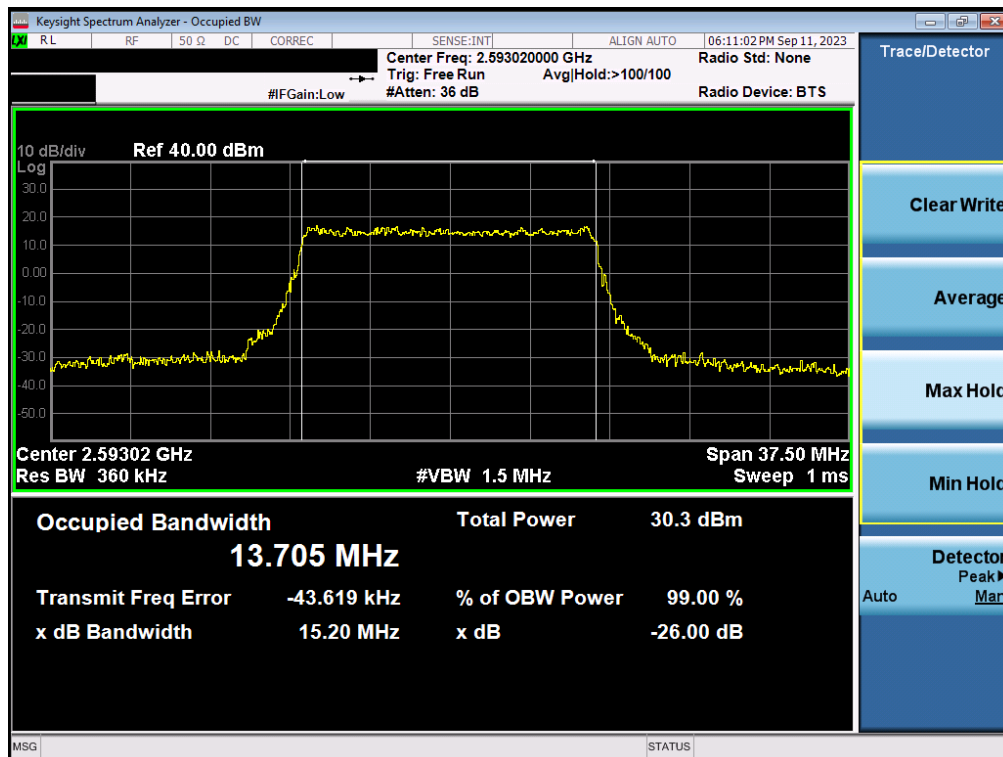


Plot 7-88. Occupied Bandwidth Plot (NR Band n41 - 20MHz 16-QAM - Full RB Configuration - Ant1)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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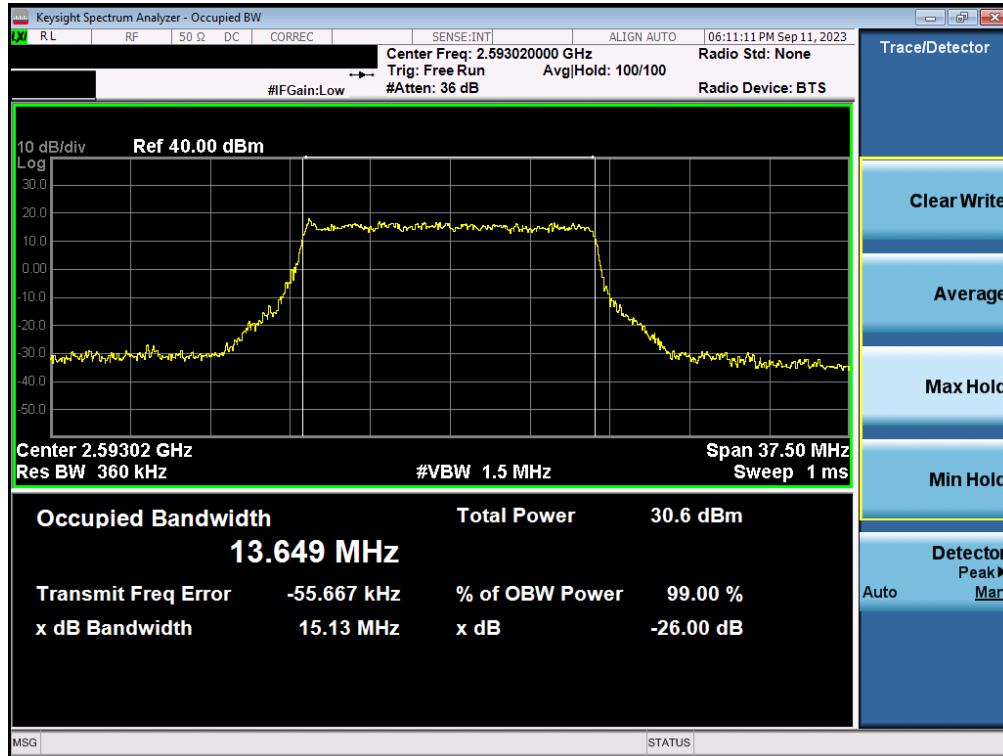


Plot 7-89. Occupied Bandwidth Plot (NR Band n41 - 15MHz $\pi/2$ BPSK - Full RB Configuration - Ant1)

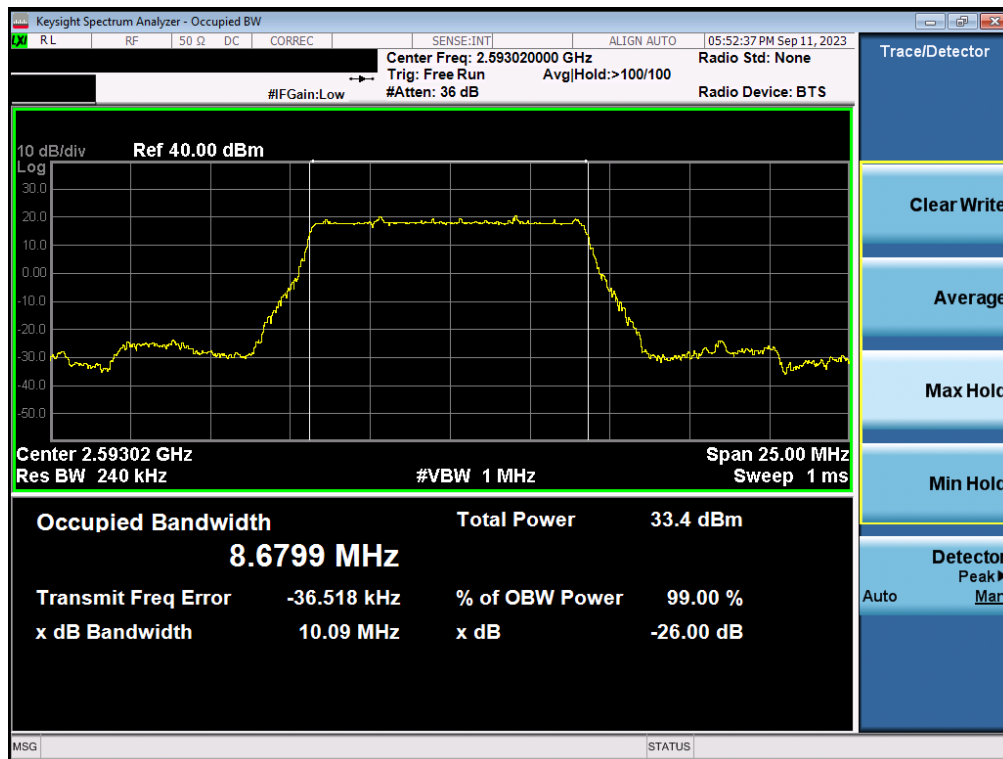


Plot 7-90. Occupied Bandwidth Plot (NR Band n41 - 15MHz QPSK - Full RB Configuration - Ant1)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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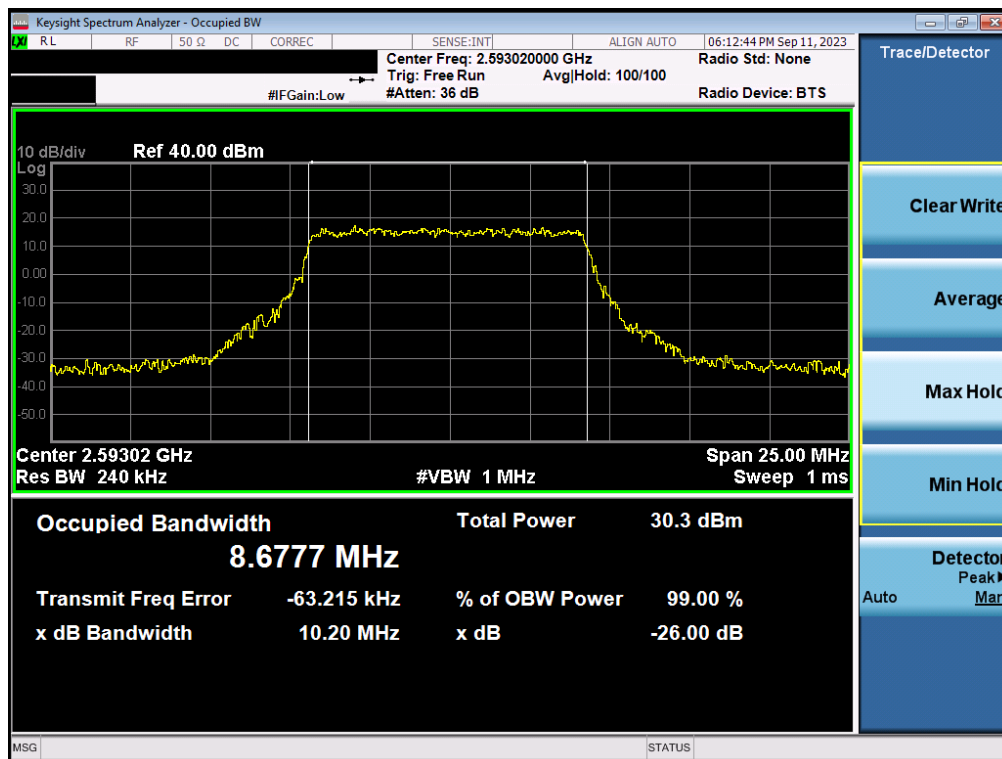


Plot 7-91. Occupied Bandwidth Plot (NR Band n41 - 15MHz 16-QAM - Full RB Configuration - Ant1)



Plot 7-92. Occupied Bandwidth Plot (NR Band n41 - 10MHz $\pi/2$ BPSK - Full RB Configuration - Ant1)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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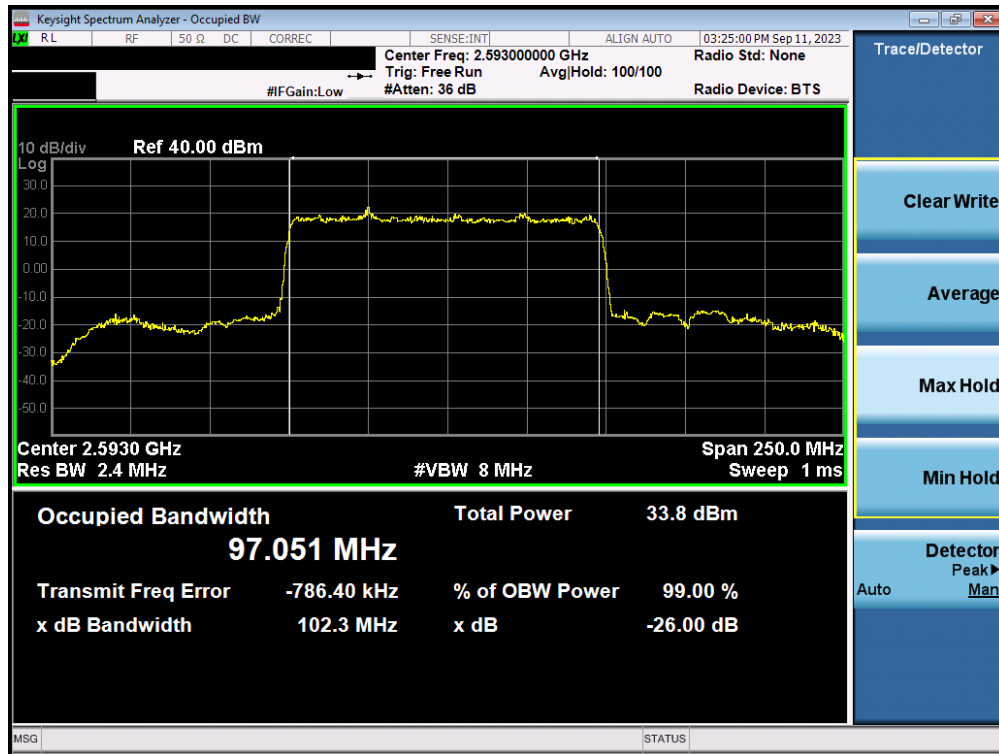
Plot 7-93. Occupied Bandwidth Plot (NR Band n41 - 10MHz QPSK - Full RB Configuration - Ant1)



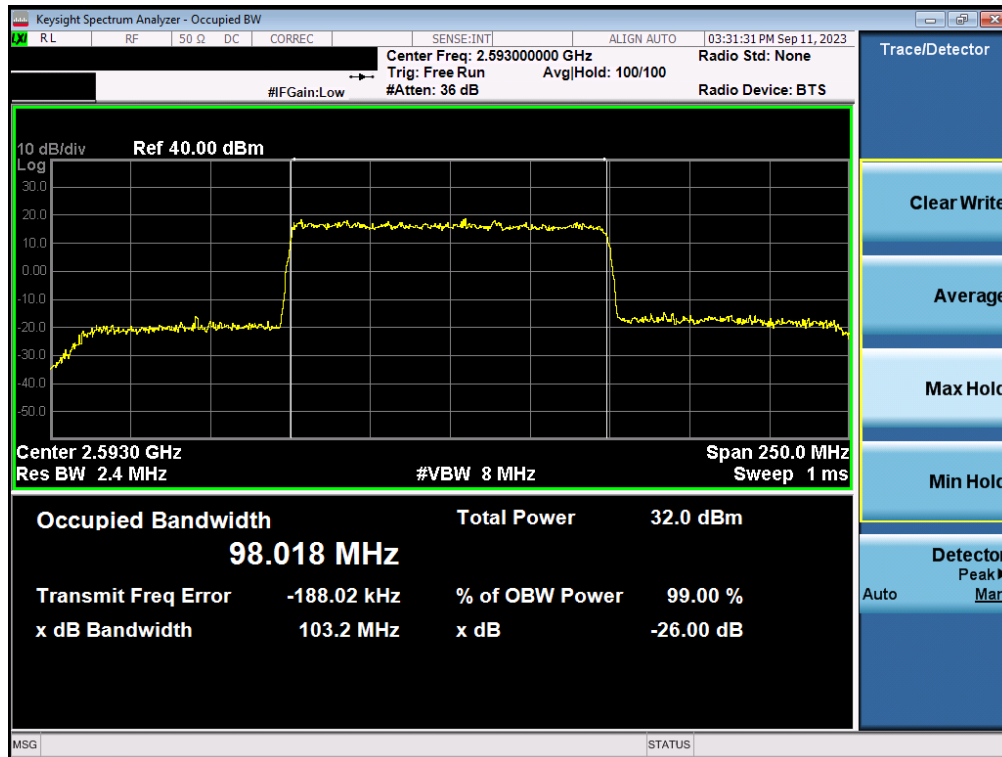
Plot 7-94. Occupied Bandwidth Plot (NR Band n41 - 10MHz 16-QAM - Full RB Configuration - Ant1)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n41 Switching – Ant1

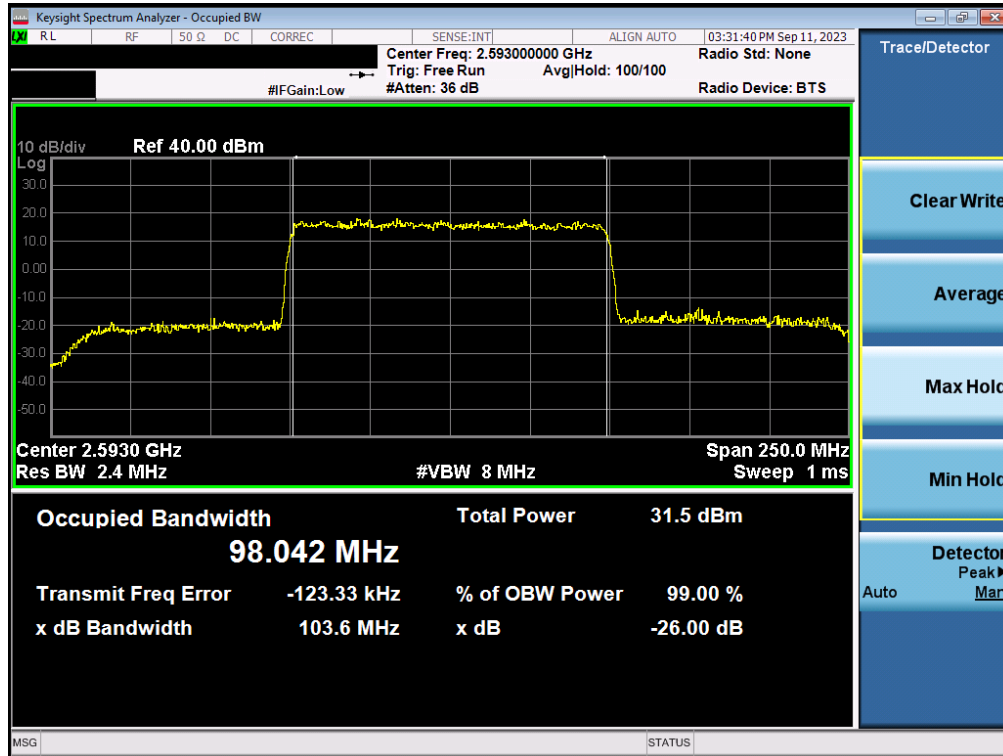


Plot 7-95. Occupied Bandwidth Plot (NR Band n41 Switching - 100MHz $\pi/2$ BPSK - Full RB Configuration - Ant1)

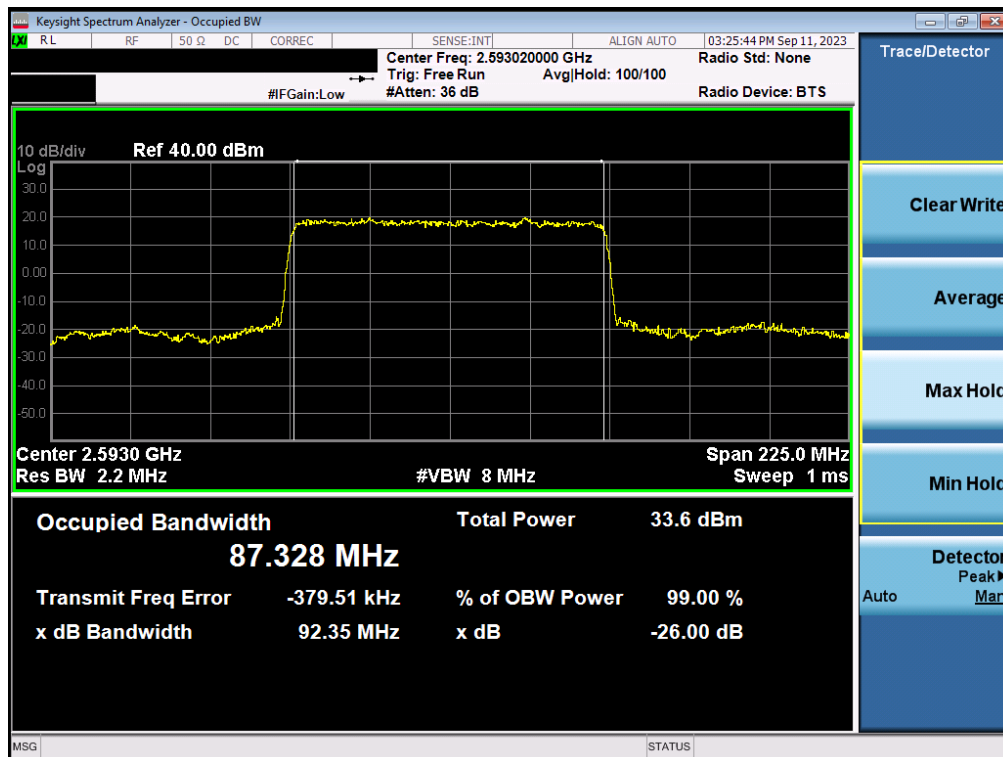


Plot 7-96. Occupied Bandwidth Plot (NR Band n41 Switching - 100MHz QPSK - Full RB Configuration - Ant1)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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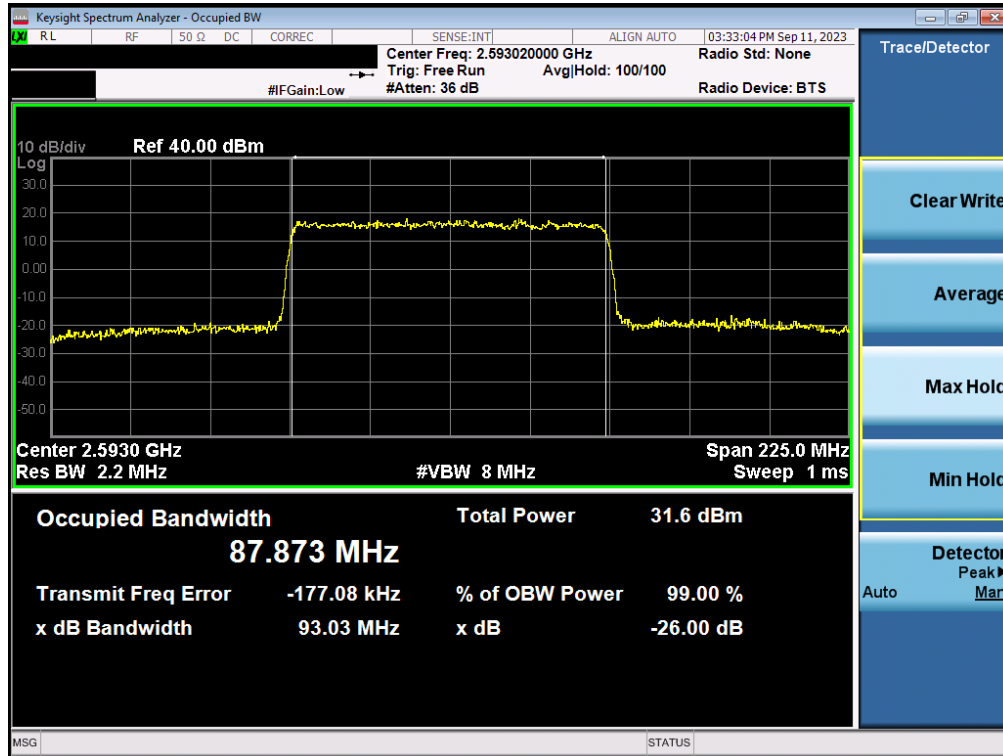


Plot 7-97. Occupied Bandwidth Plot (NR Band n41 Switching - 100MHz 16-QAM - Full RB Configuration - Ant1)

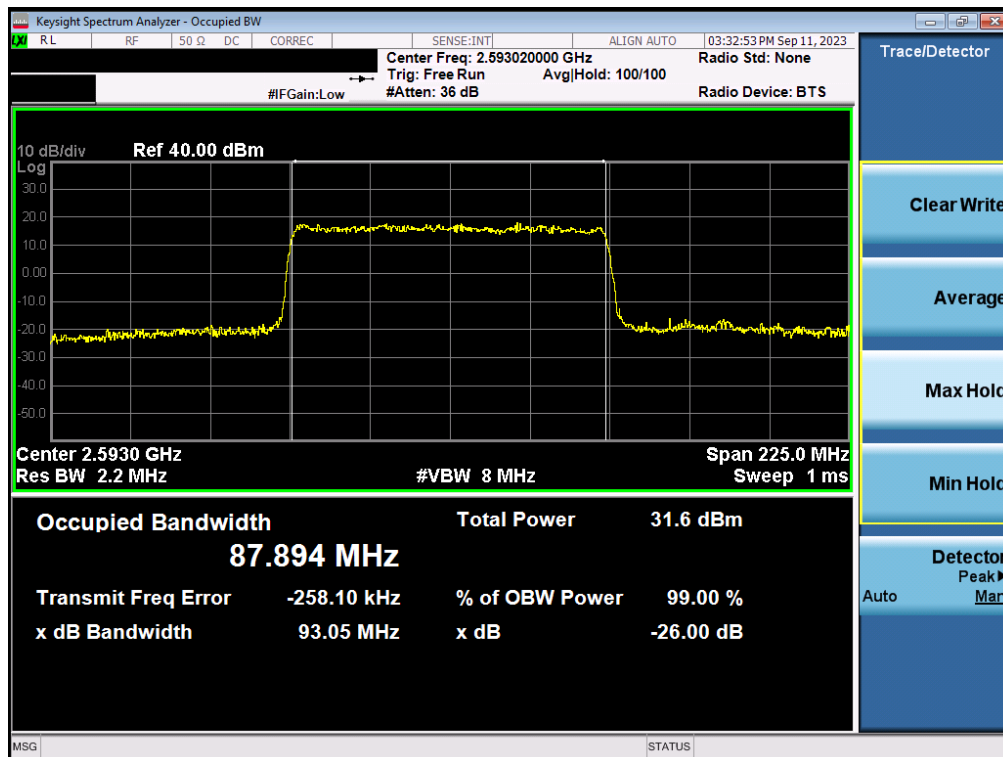


Plot 7-98. Occupied Bandwidth Plot (NR Band n41 Switching - 90MHz $\pi/2$ BPSK - Full RB Configuration - Ant1)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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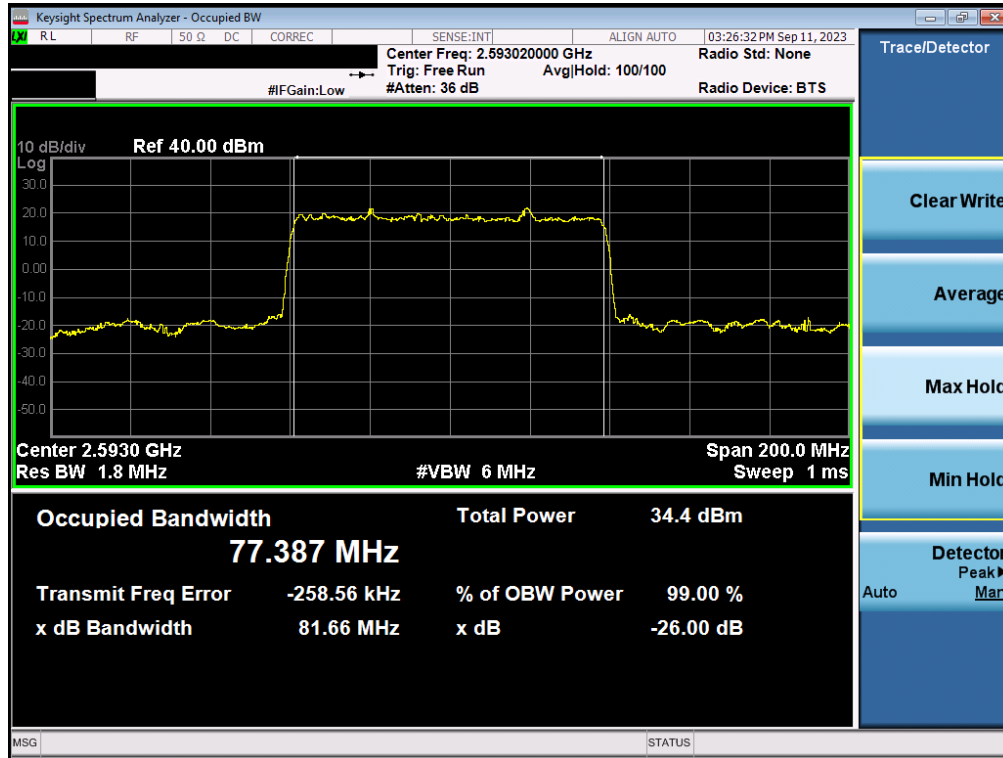


Plot 7-99. Occupied Bandwidth Plot (NR Band n41 Switching - 90MHz QPSK - Full RB Configuration - Ant1)

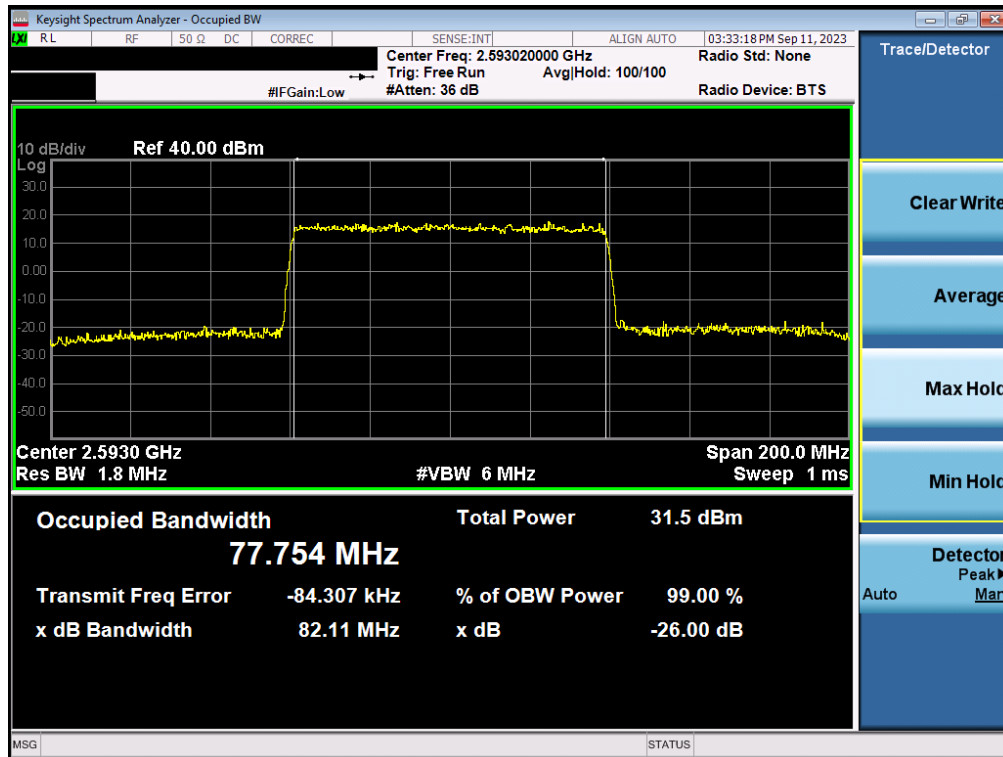


Plot 7-100. Occupied Bandwidth Plot (NR Band n41 Switching - 90MHz 16-QAM - Full RB Configuration - Ant1)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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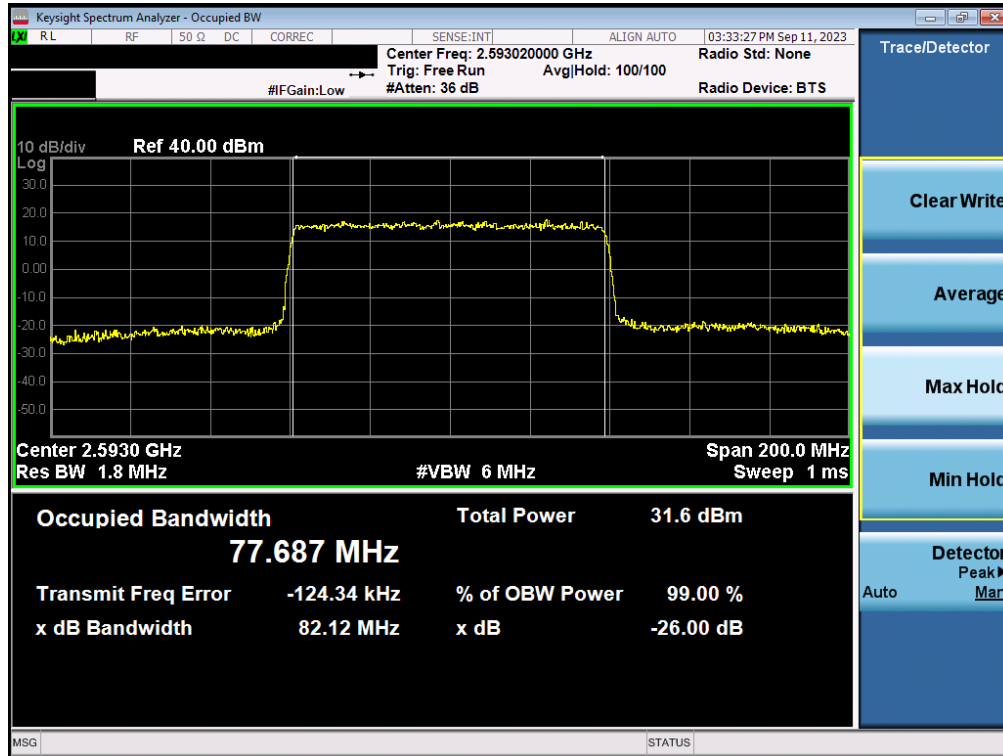


Plot 7-101. Occupied Bandwidth Plot (NR Band n41 Switching - 80MHz $\pi/2$ BPSK - Full RB Configuration - Ant1)

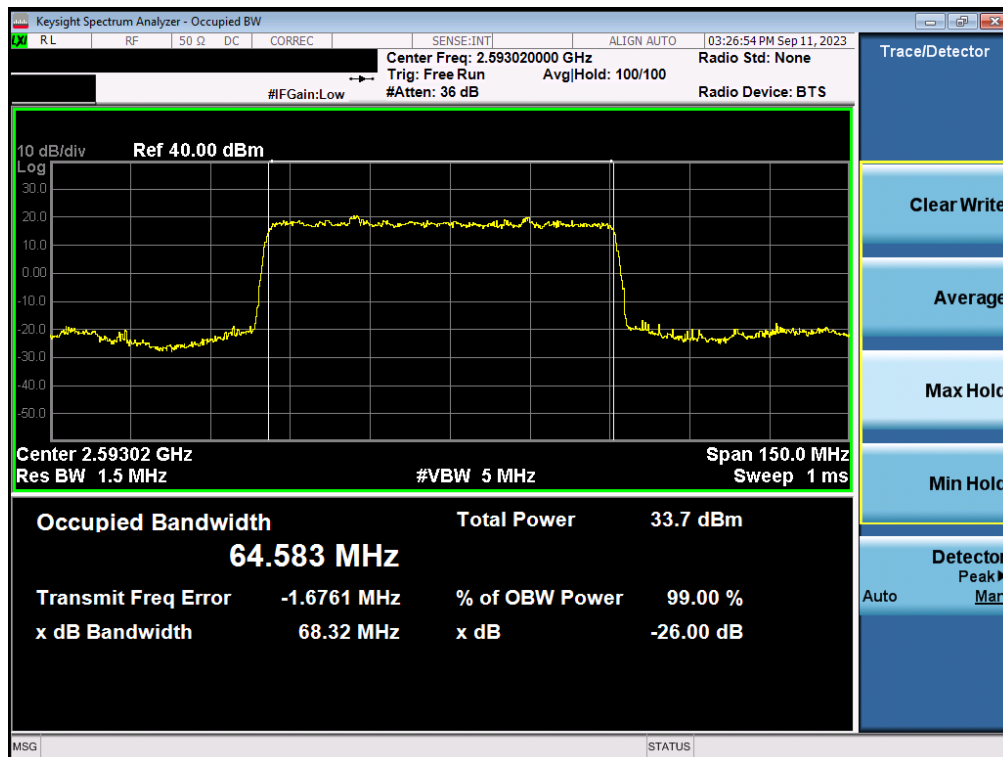


Plot 7-102. Occupied Bandwidth Plot (NR Band n41 Switching - 80MHz QPSK - Full RB Configuration - Ant1)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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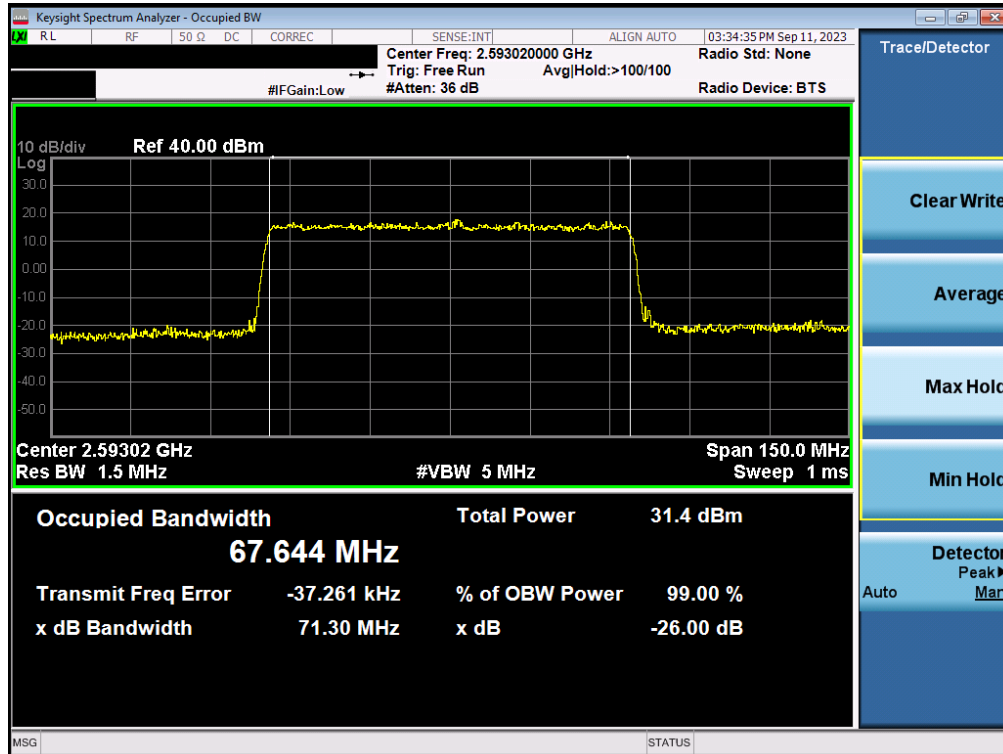


Plot 7-103. Occupied Bandwidth Plot (NR Band n41 Switching - 80MHz 16-QAM - Full RB Configuration - Ant1)

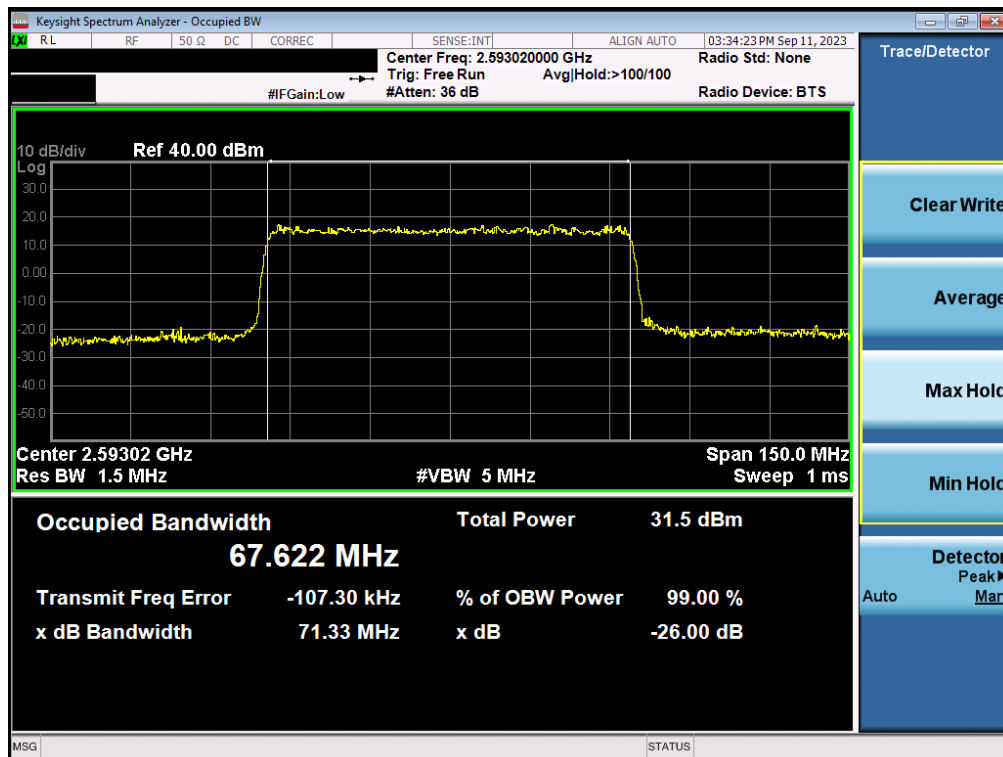


Plot 7-104. Occupied Bandwidth Plot (NR Band n41 Switching - 70MHz $\pi/2$ BPSK - Full RB Configuration - Ant1)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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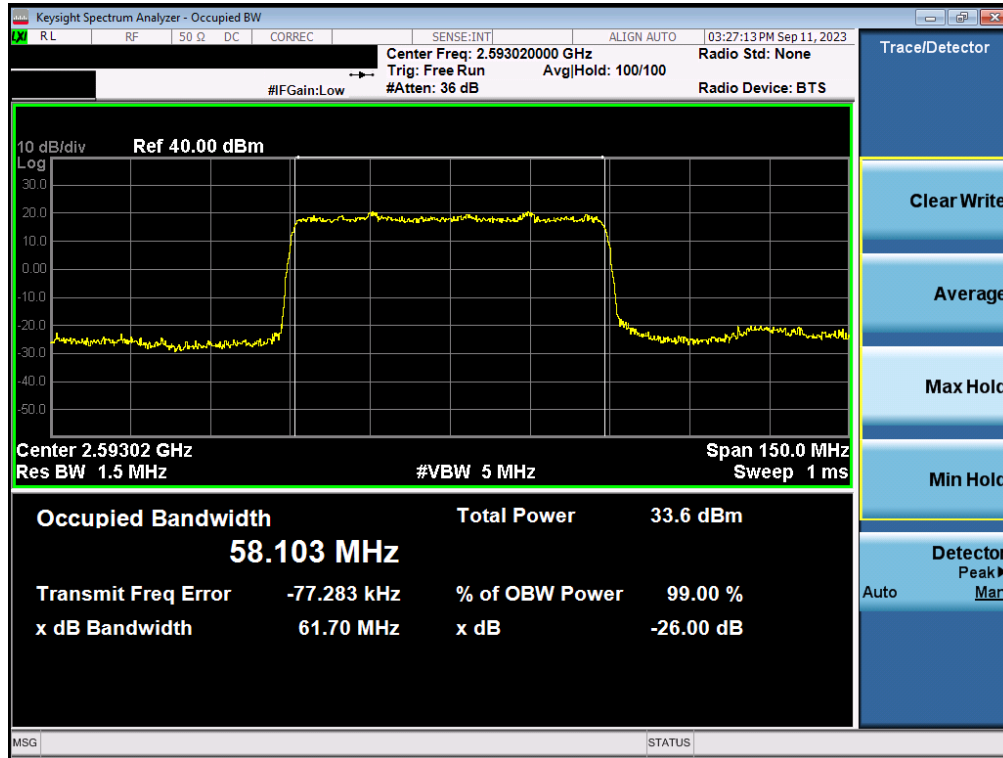


Plot 7-105. Occupied Bandwidth Plot (NR Band n41 Switching - 70MHz QPSK - Full RB Configuration - Ant1)

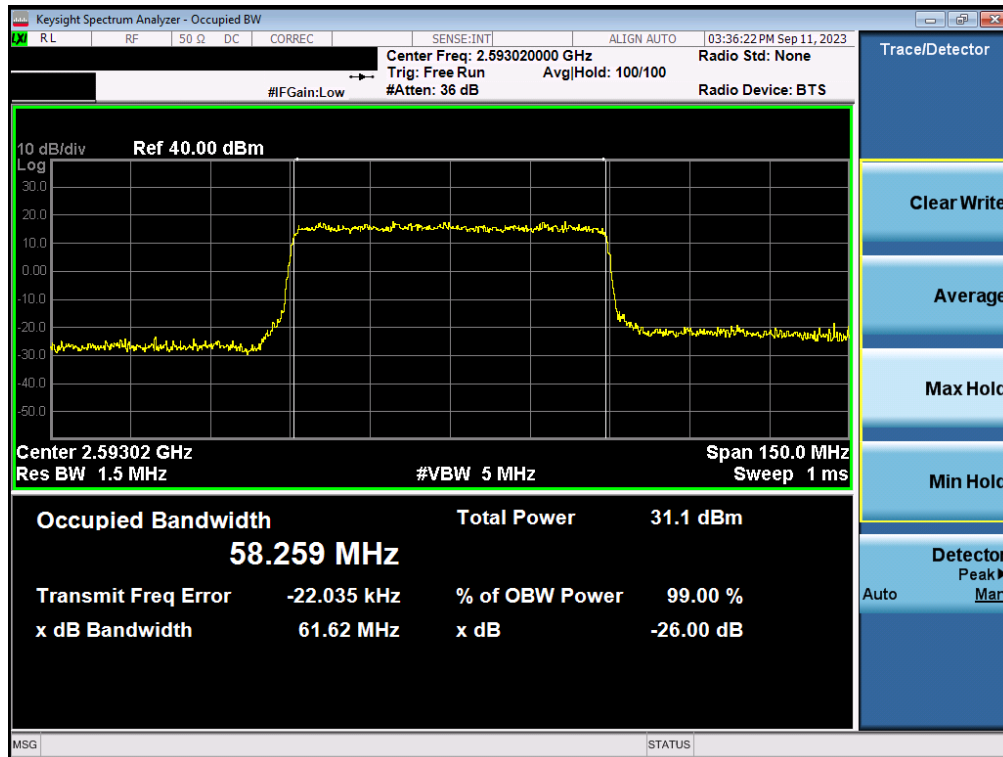


Plot 7-106. Occupied Bandwidth Plot (NR Band n41 Switching - 70MHz 16-QAM - Full RB Configuration - Ant1)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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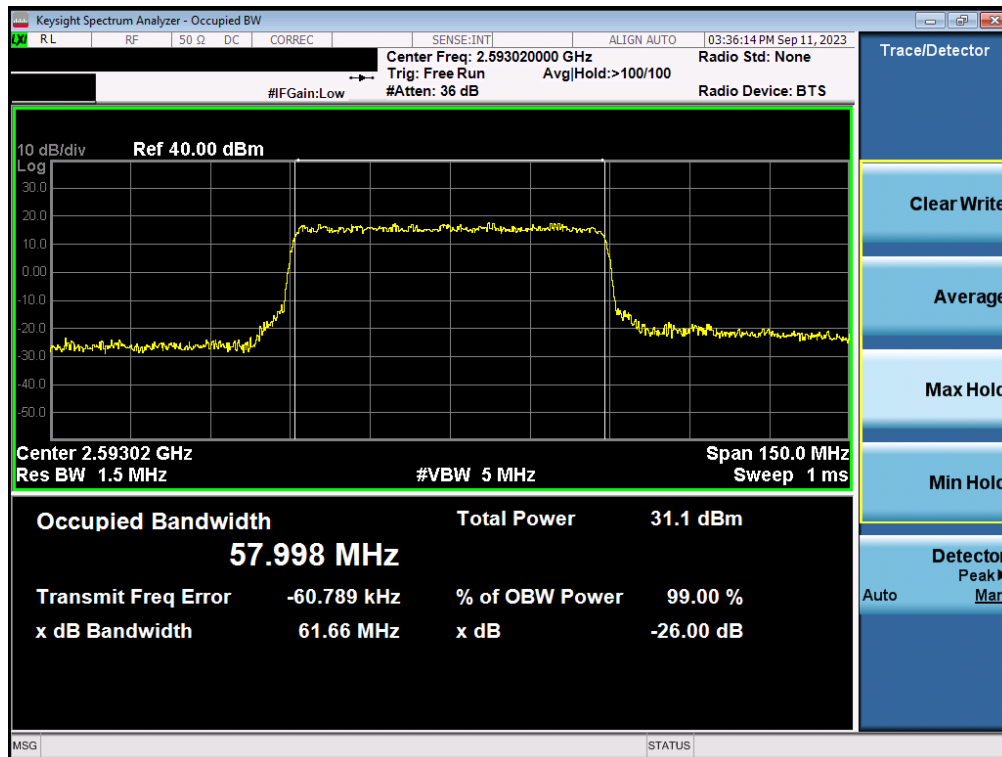


Plot 7-107. Occupied Bandwidth Plot (NR Band n41 Switching - 60MHz $\pi/2$ BPSK - Full RB Configuration - Ant1)

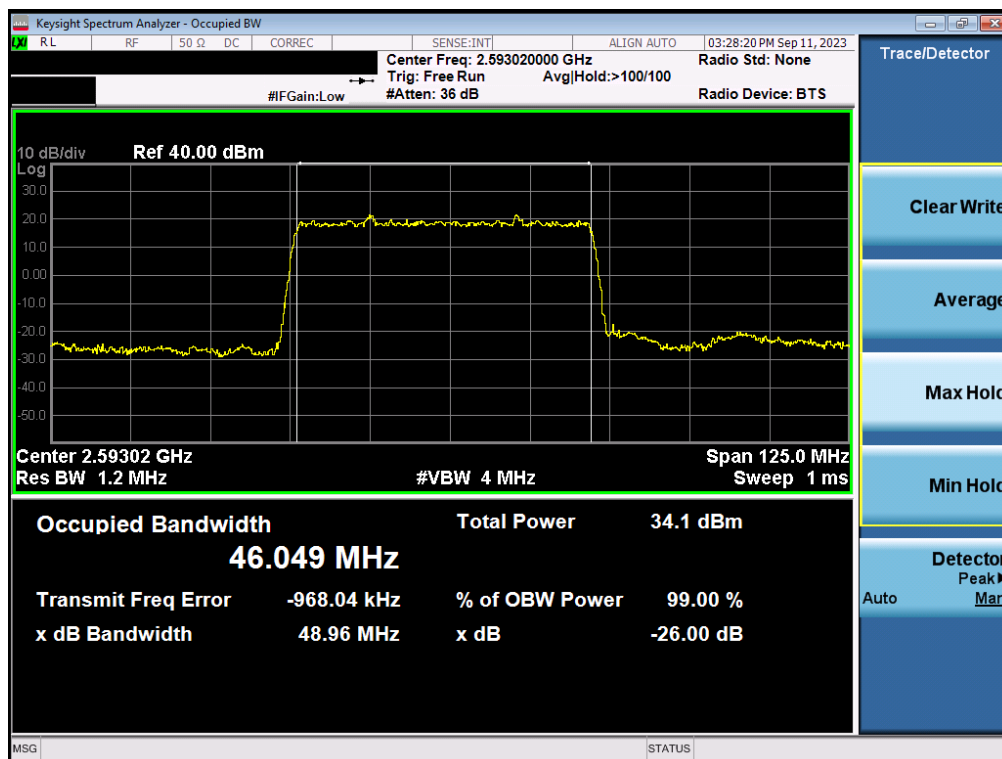


Plot 7-108. Occupied Bandwidth Plot (NR Band n41 Switching - 60MHz QPSK - Full RB Configuration - Ant1)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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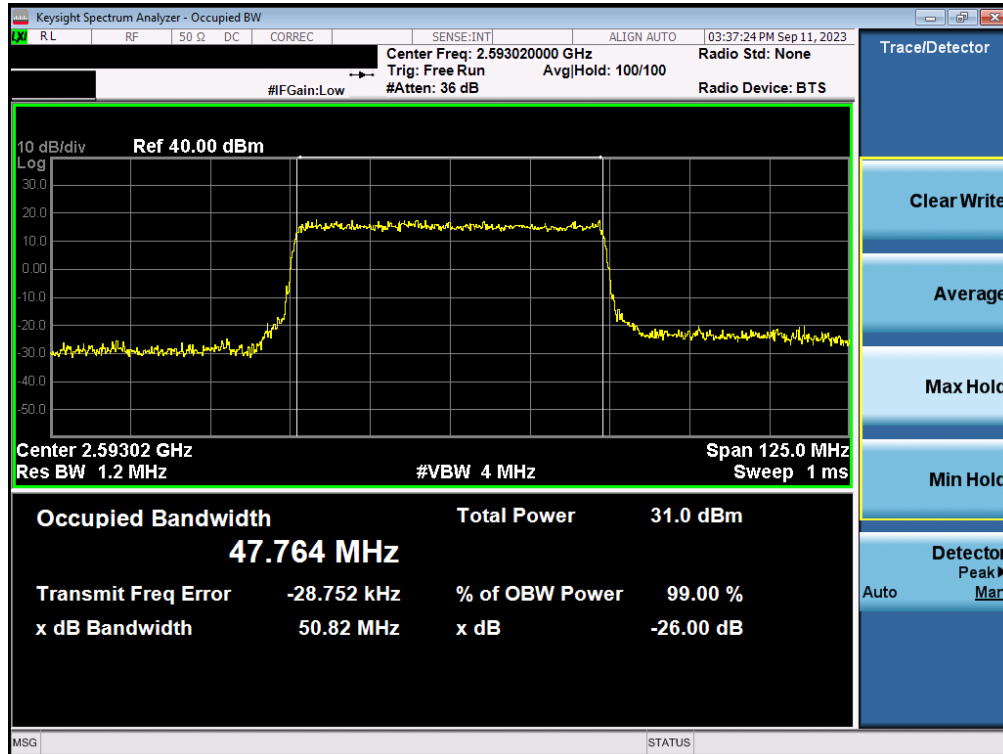


Plot 7-109. Occupied Bandwidth Plot (NR Band n41 Switching - 60MHz 16-QAM - Full RB Configuration - Ant1)

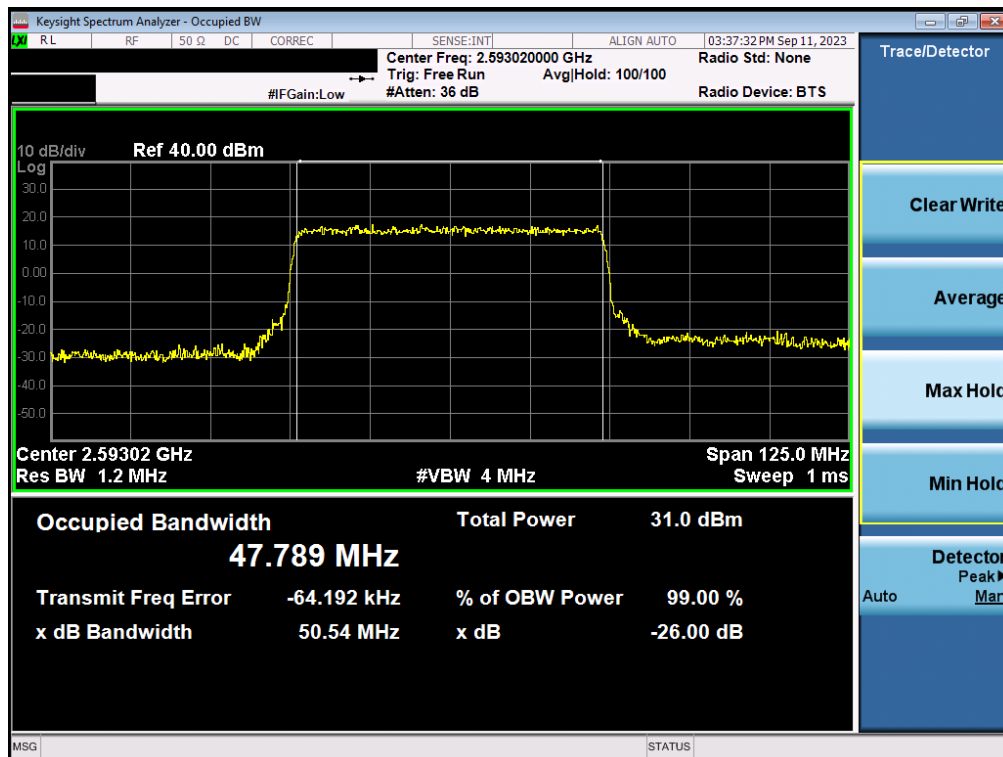


Plot 7-110. Occupied Bandwidth Plot (NR Band n41 Switching - 50MHz $\pi/2$ BPSK - Full RB Configuration - Ant1)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210092-05.A3L	Test Dates: 9/6 - 11/7/2023	EUT Type: Portable Handset	Page 86 of 283

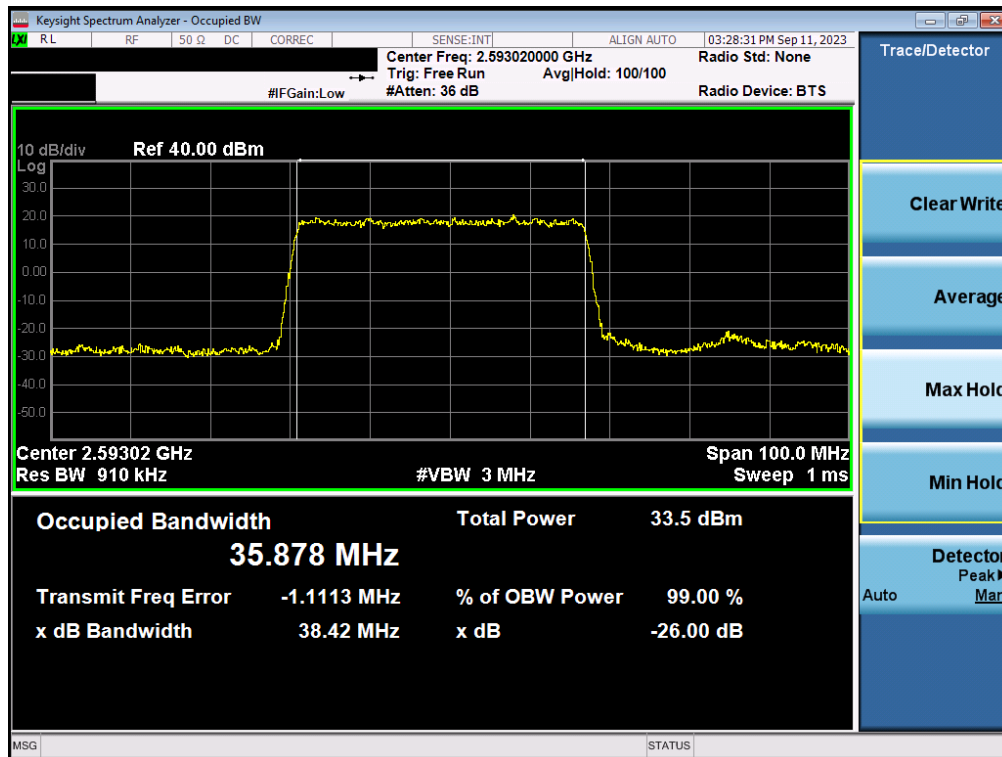


Plot 7-111. Occupied Bandwidth Plot (NR Band n41 Switching - 50MHz QPSK - Full RB Configuration - Ant1)

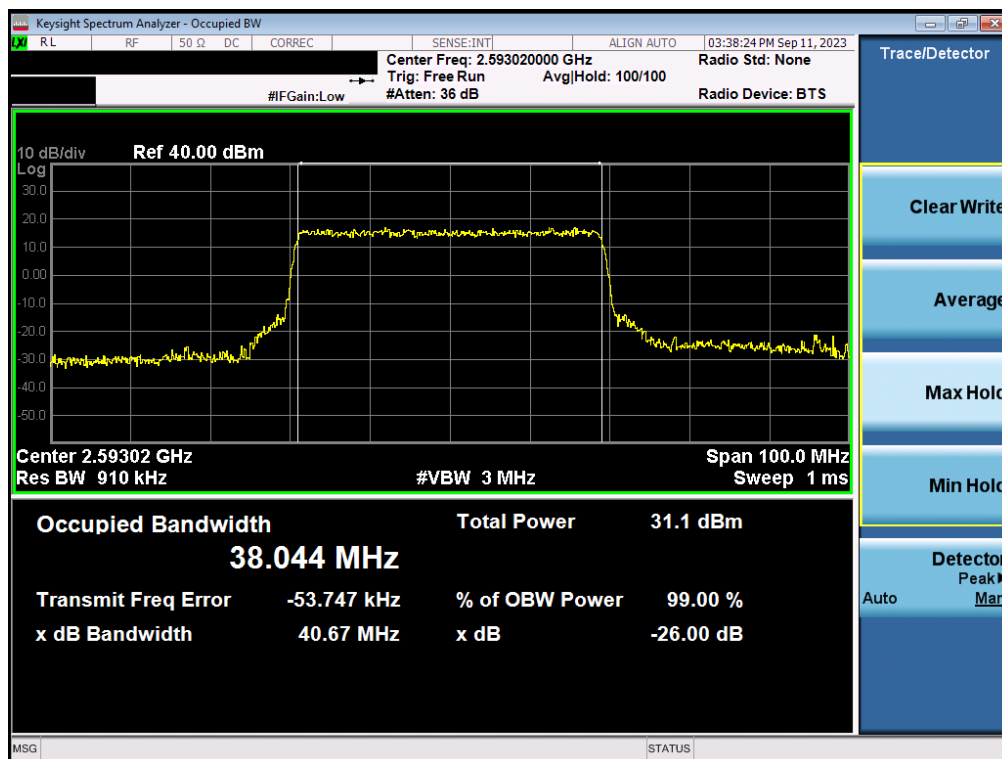


Plot 7-112. Occupied Bandwidth Plot (NR Band n41 Switching - 50MHz 16-QAM - Full RB Configuration - Ant1)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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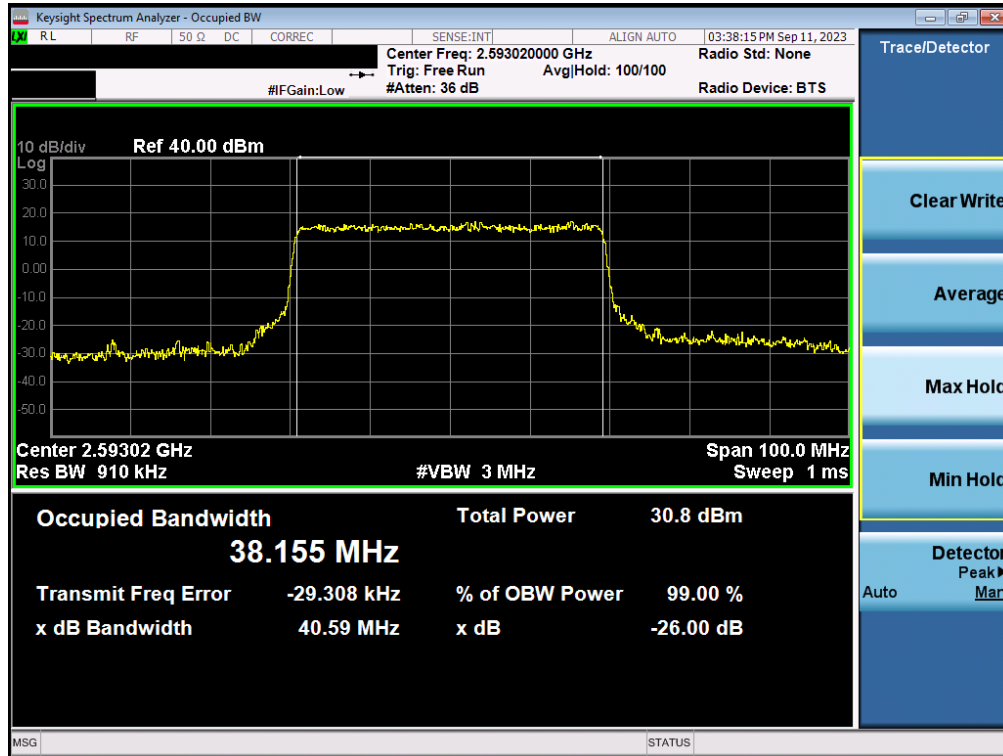


Plot 7-113. Occupied Bandwidth Plot (NR Band n41 Switching - 40MHz $\pi/2$ BPSK - Full RB Configuration - Ant1)

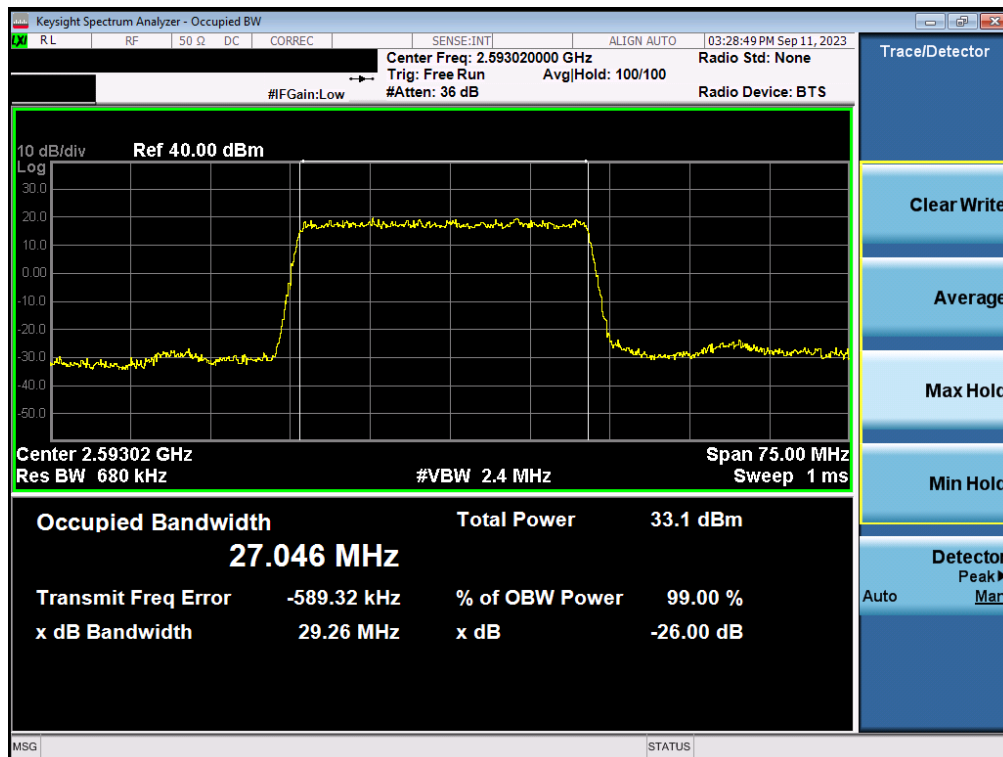


Plot 7-114. Occupied Bandwidth Plot (NR Band n41 Switching - 40MHz QPSK - Full RB Configuration - Ant1)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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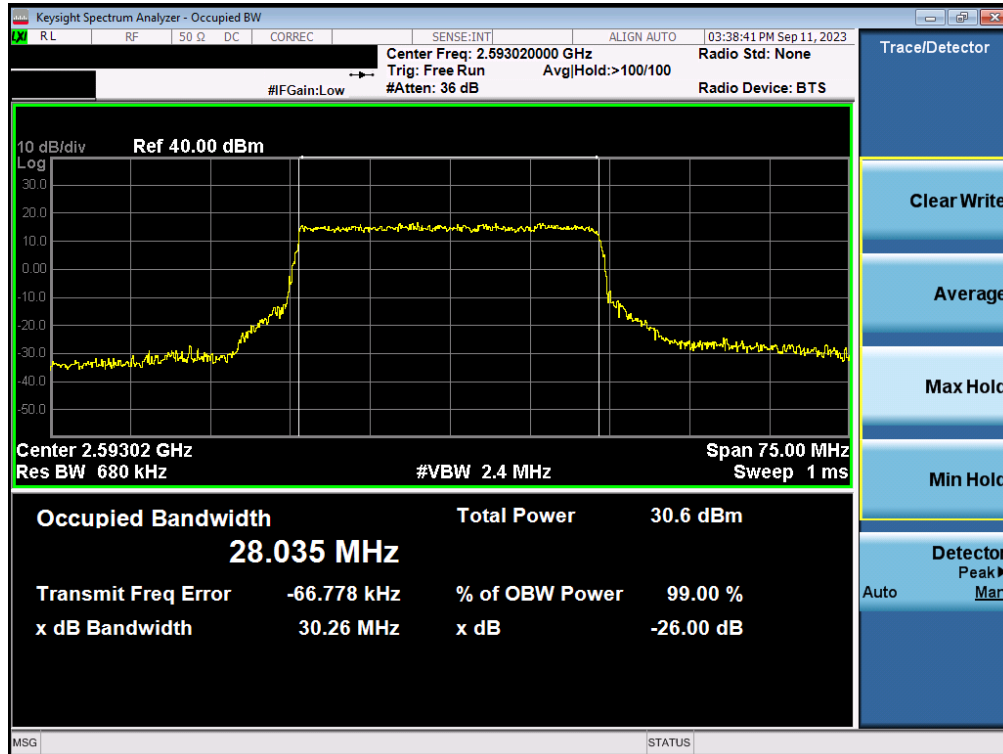


Plot 7-115. Occupied Bandwidth Plot (NR Band n41 Switching - 40MHz 16-QAM - Full RB Configuration - Ant1)

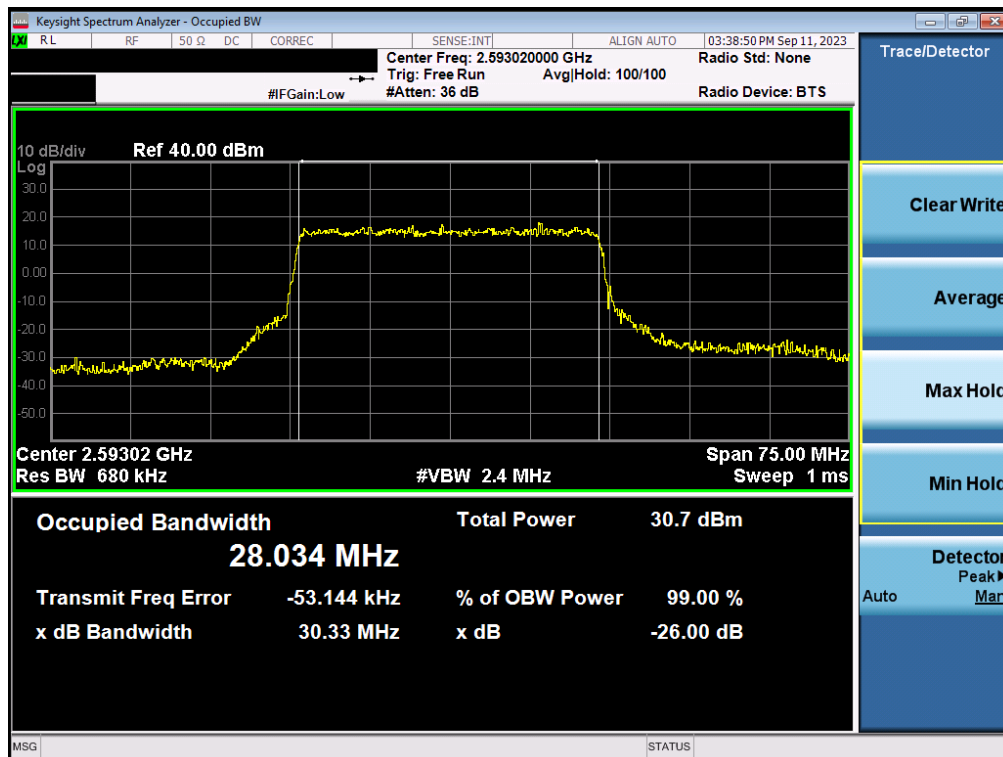


Plot 7-116. Occupied Bandwidth Plot (NR Band n41 Switching - 30MHz $\pi/2$ BPSK - Full RB Configuration - Ant1)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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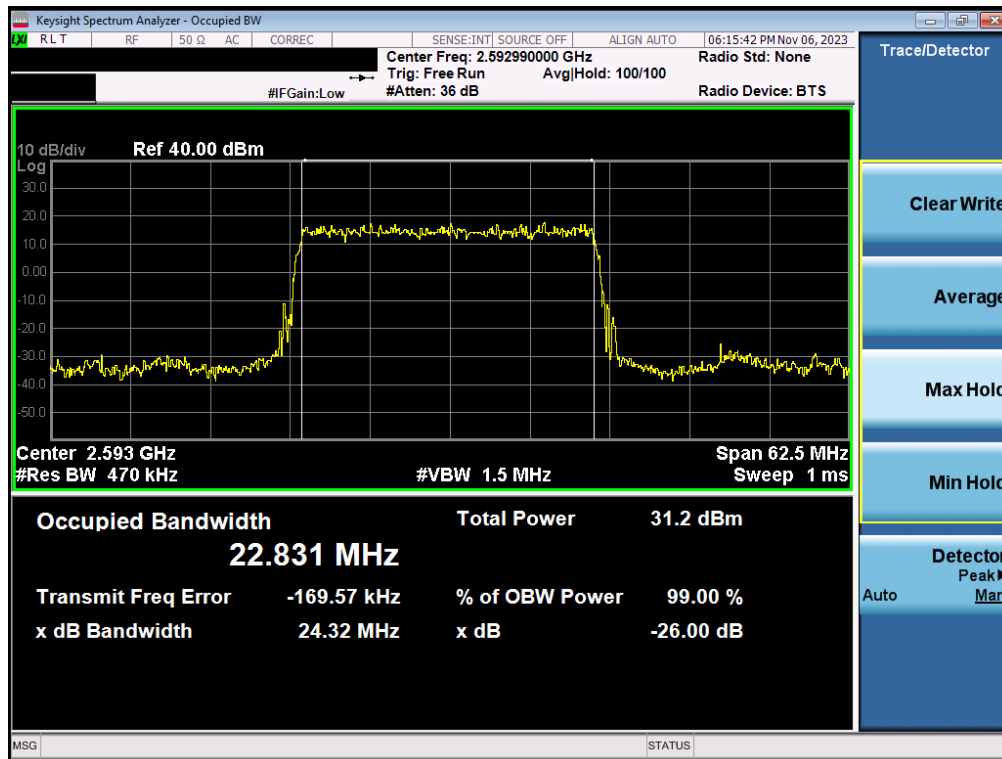


Plot 7-117. Occupied Bandwidth Plot (NR Band n41 Switching - 30MHz QPSK - Full RB Configuration - Ant1)

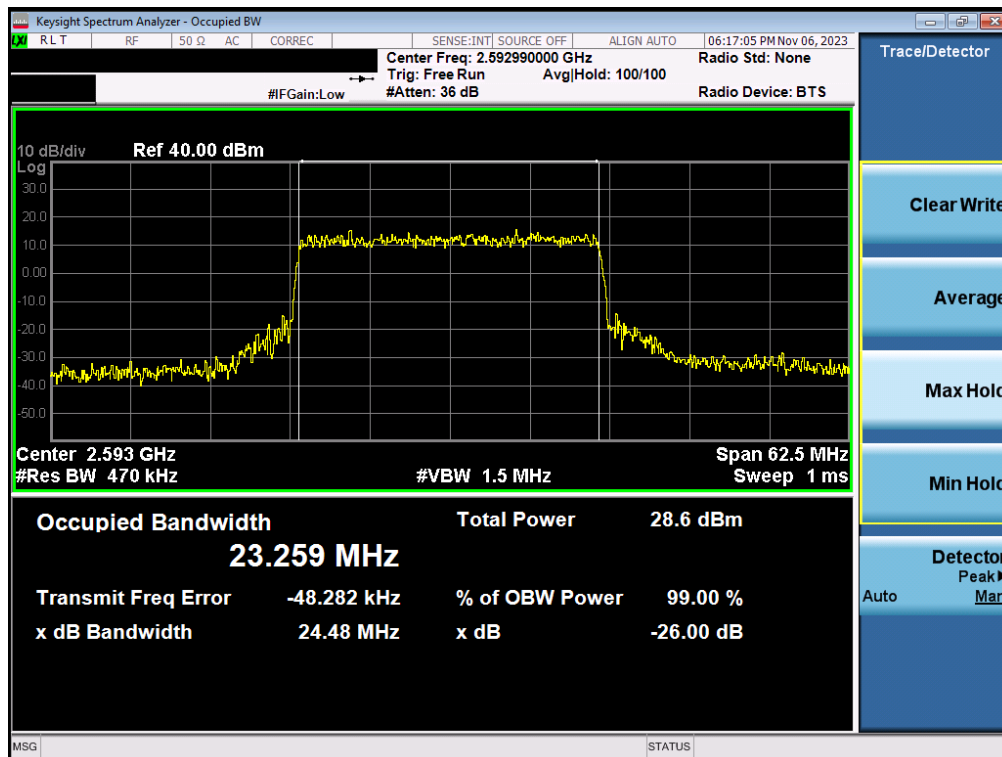


Plot 7-118. Occupied Bandwidth Plot (NR Band n41 Switching - 30MHz 16-QAM - Full RB Configuration - Ant1)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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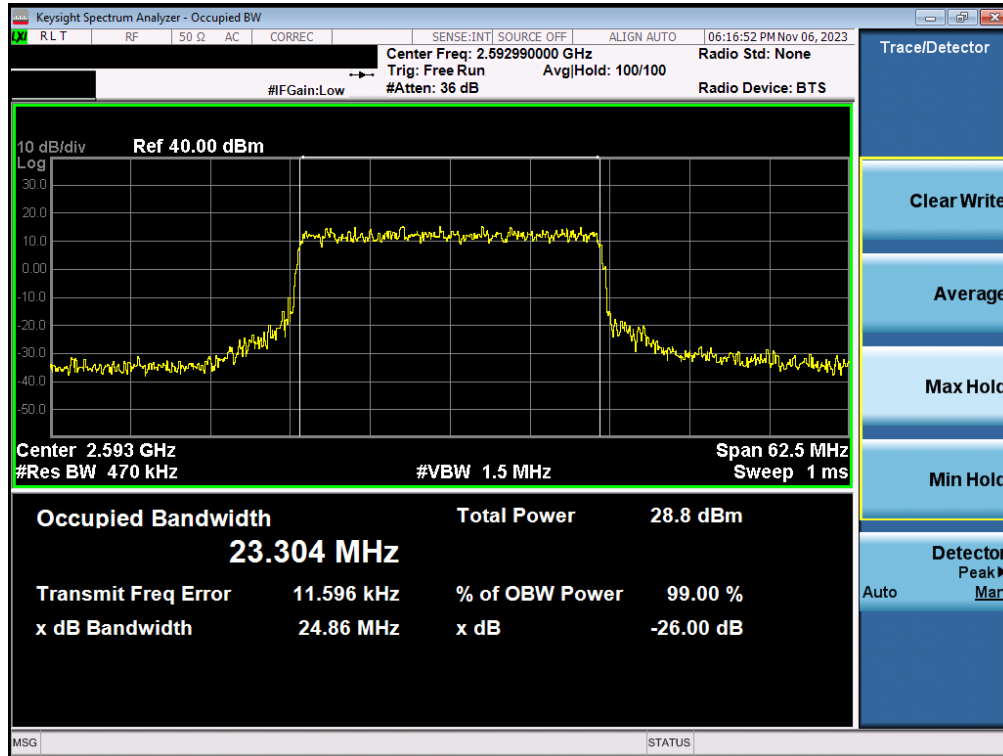


Plot 7-119. Occupied Bandwidth Plot (NR Band n41 Switching - 25MHz $\pi/2$ BPSK - Full RB Configuration - Ant1)

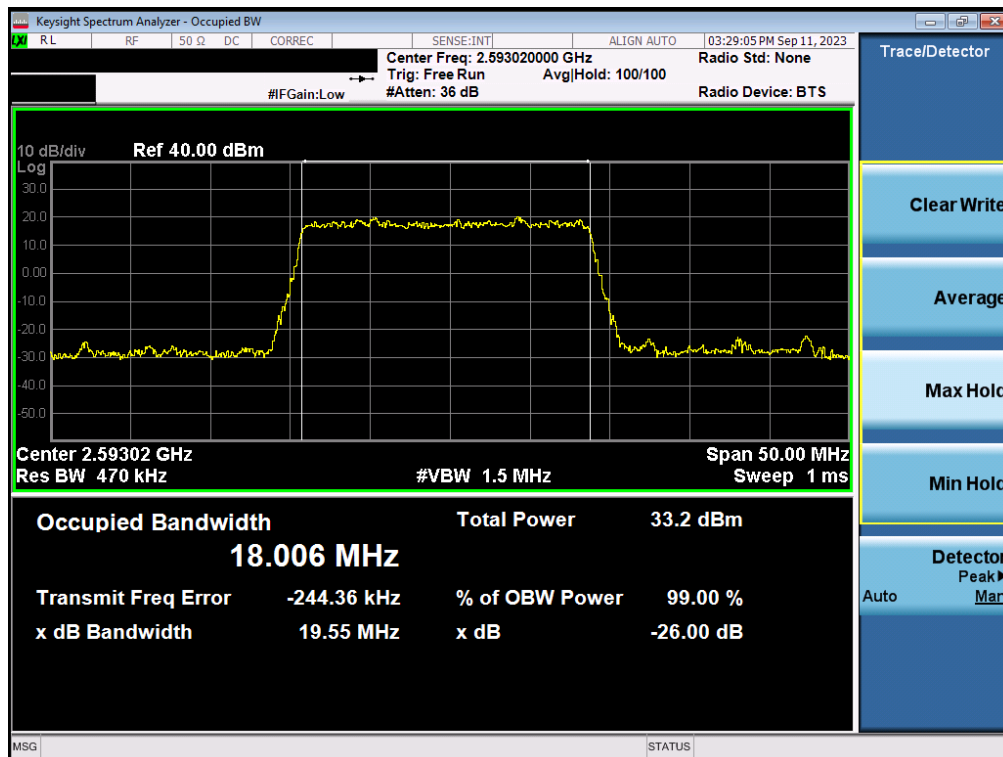


Plot 7-120. Occupied Bandwidth Plot (NR Band n41 Switching - 25MHz QPSK - Full RB Configuration - Ant1)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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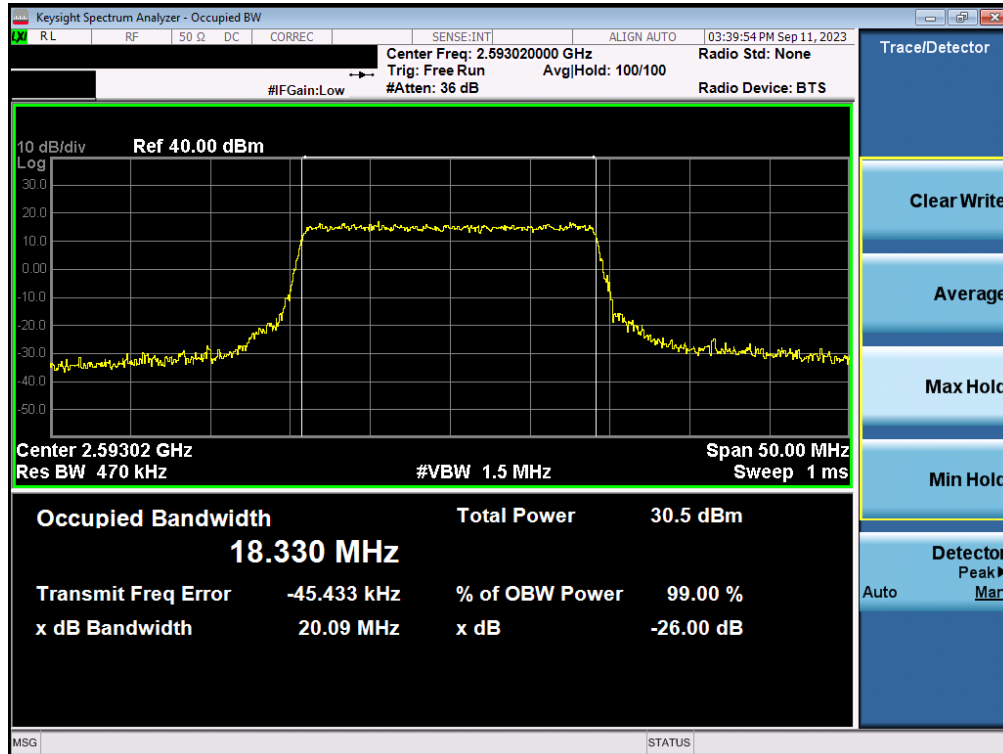


Plot 7-121. Occupied Bandwidth Plot (NR Band n41 Switching - 25MHz 16-QAM - Full RB Configuration - Ant1)

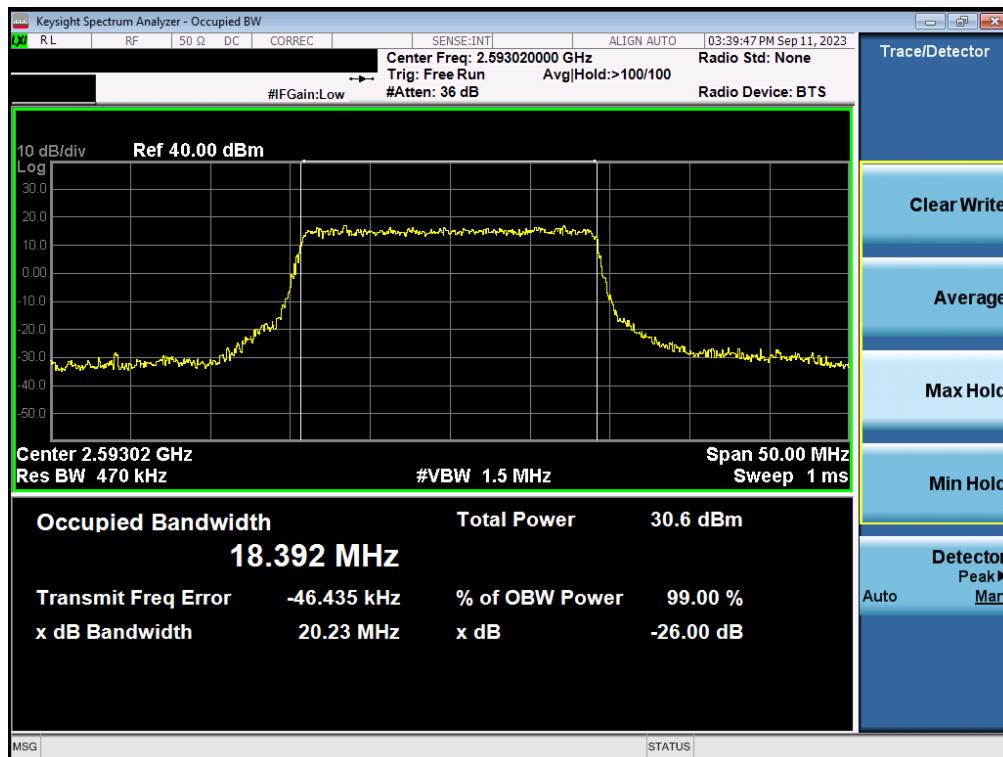


Plot 7-122. Occupied Bandwidth Plot (NR Band n41 Switching - 20MHz $\pi/2$ BPSK - Full RB Configuration - Ant1)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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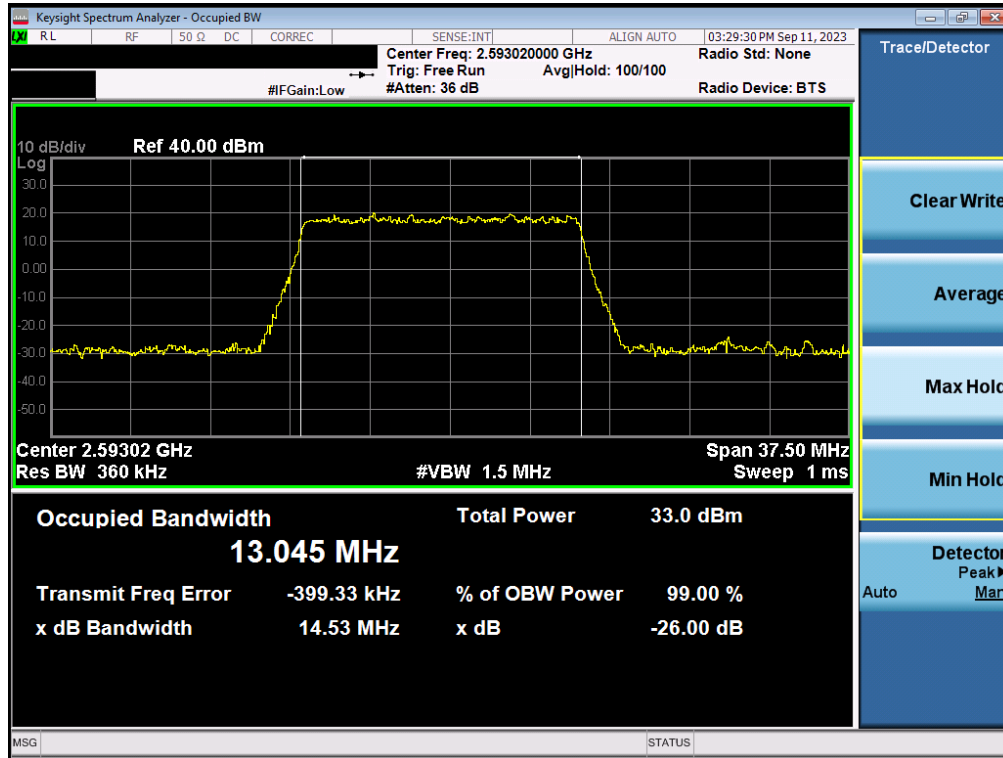


Plot 7-123. Occupied Bandwidth Plot (NR Band n41 Switching - 20MHz QPSK - Full RB Configuration - Ant1)

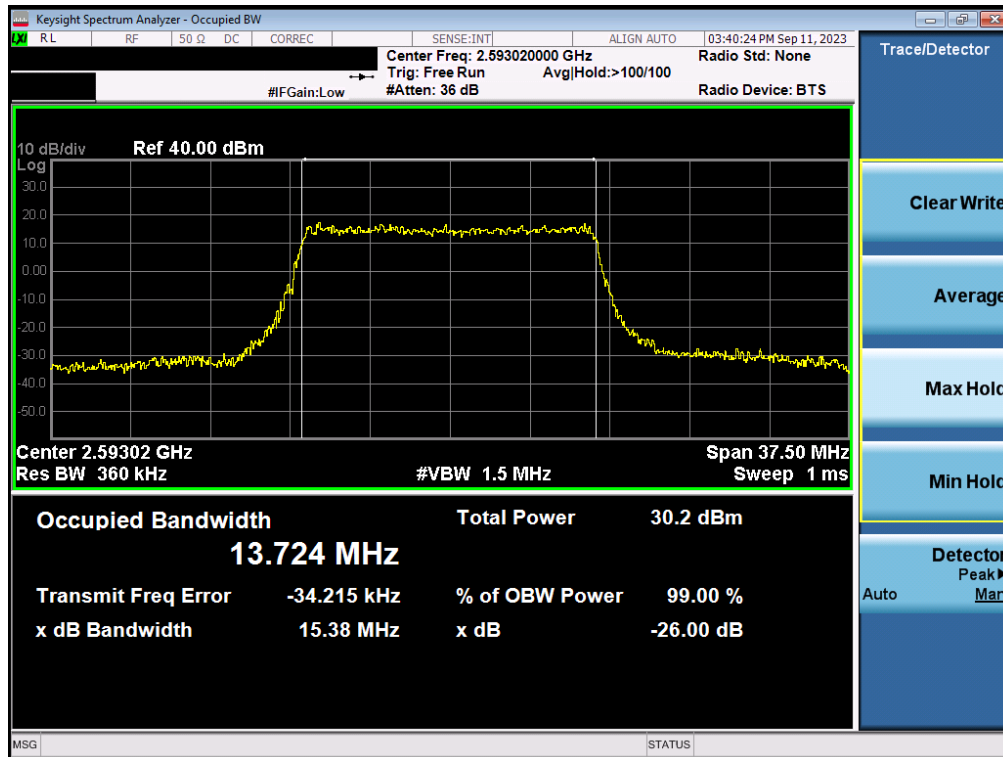


Plot 7-124. Occupied Bandwidth Plot (NR Band n41 Switching - 20MHz 16-QAM - Full RB Configuration - Ant1)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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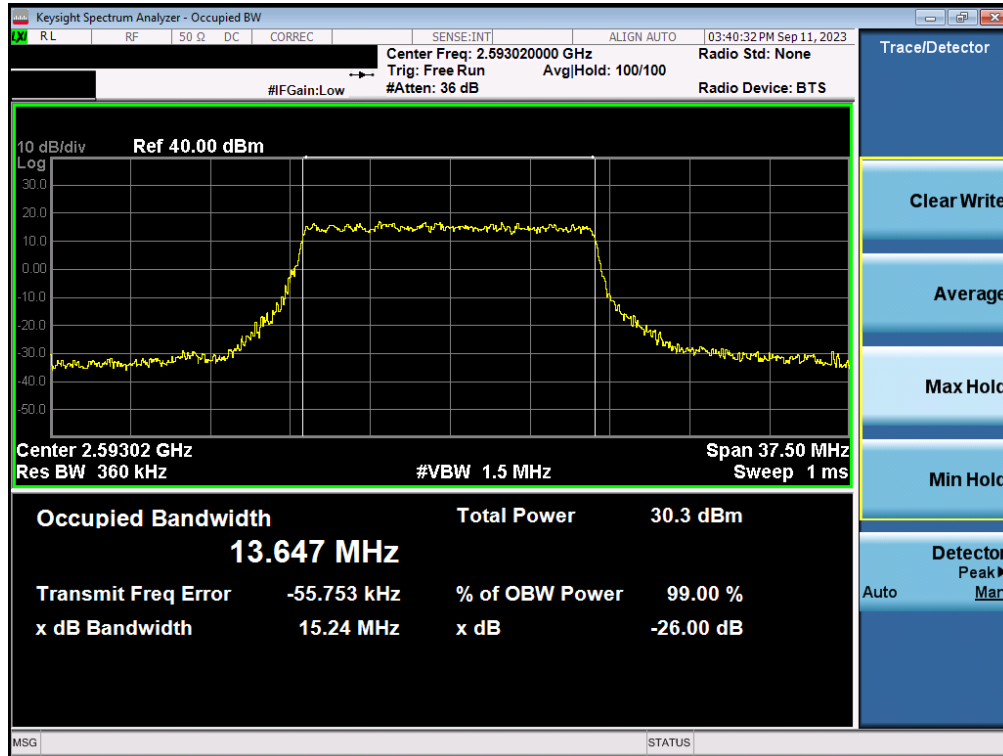


Plot 7-125. Occupied Bandwidth Plot (NR Band n41 Switching - 15MHz $\pi/2$ BPSK - Full RB Configuration - Ant1)

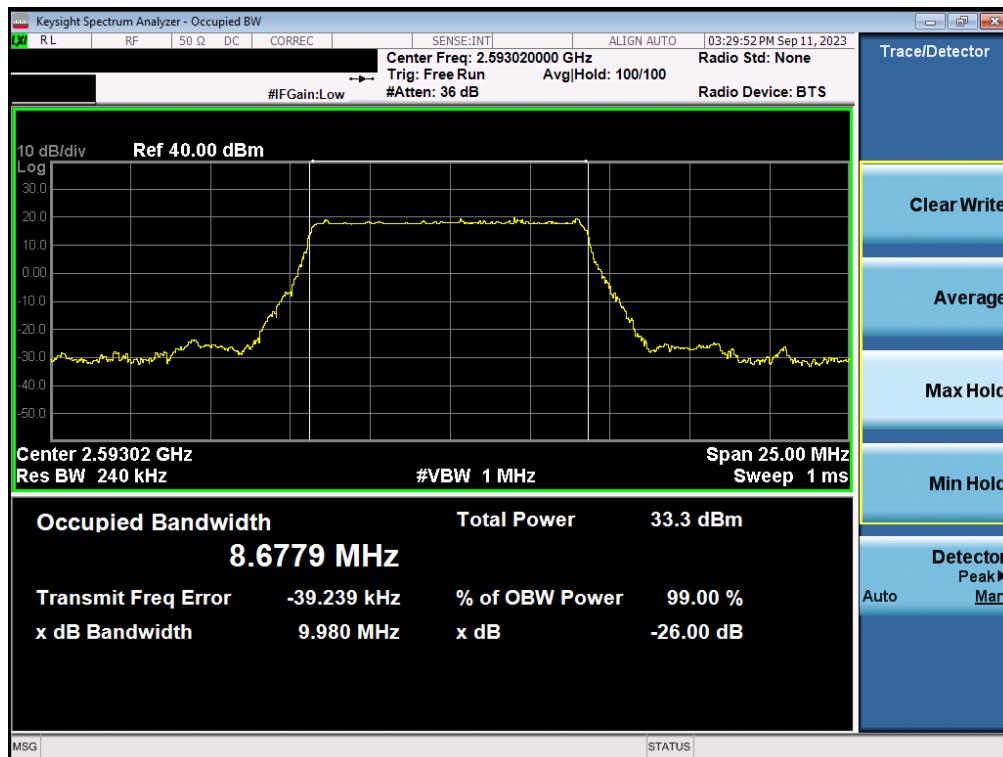


Plot 7-126. Occupied Bandwidth Plot (NR Band n41 Switching - 15MHz QPSK - Full RB Configuration - Ant1)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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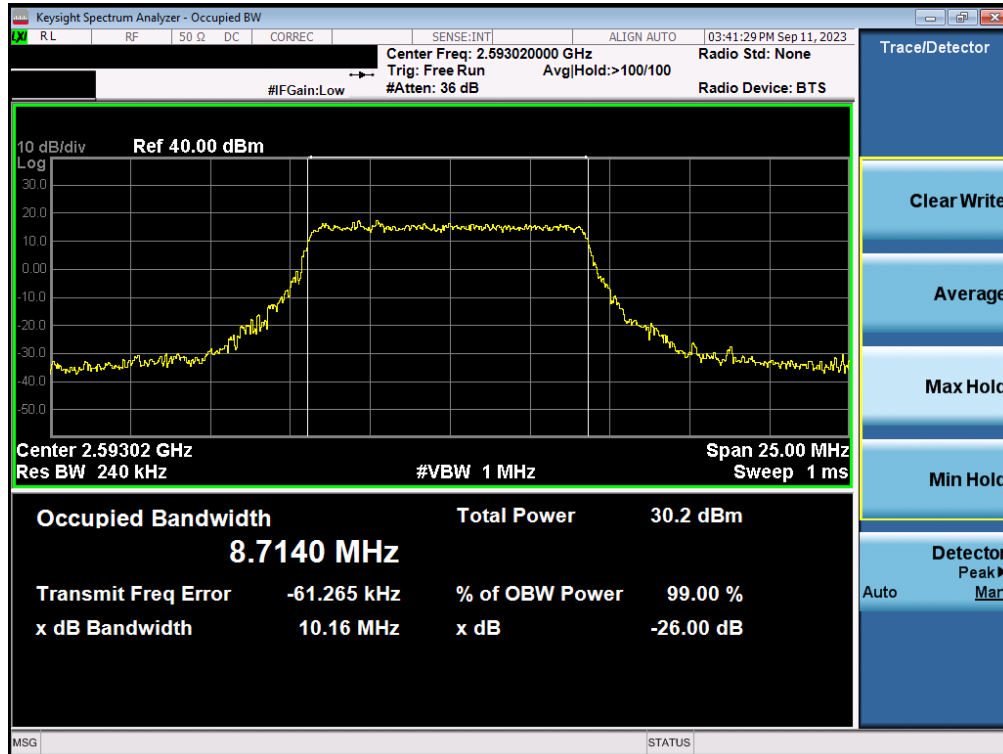


Plot 7-127. Occupied Bandwidth Plot (NR Band n41 Switching - 15MHz 16-QAM - Full RB Configuration - Ant1)



Plot 7-128. Occupied Bandwidth Plot (NR Band n41 Switching - 10MHz $\pi/2$ BPSK - Full RB Configuration - Ant1)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-129. Occupied Bandwidth Plot (NR Band n41 Switching - 10MHz QPSK - Full RB Configuration - Ant1)



Plot 7-130. Occupied Bandwidth Plot (NR Band n41 Switching - 10MHz 16-QAM - Full RB Configuration - Ant1)

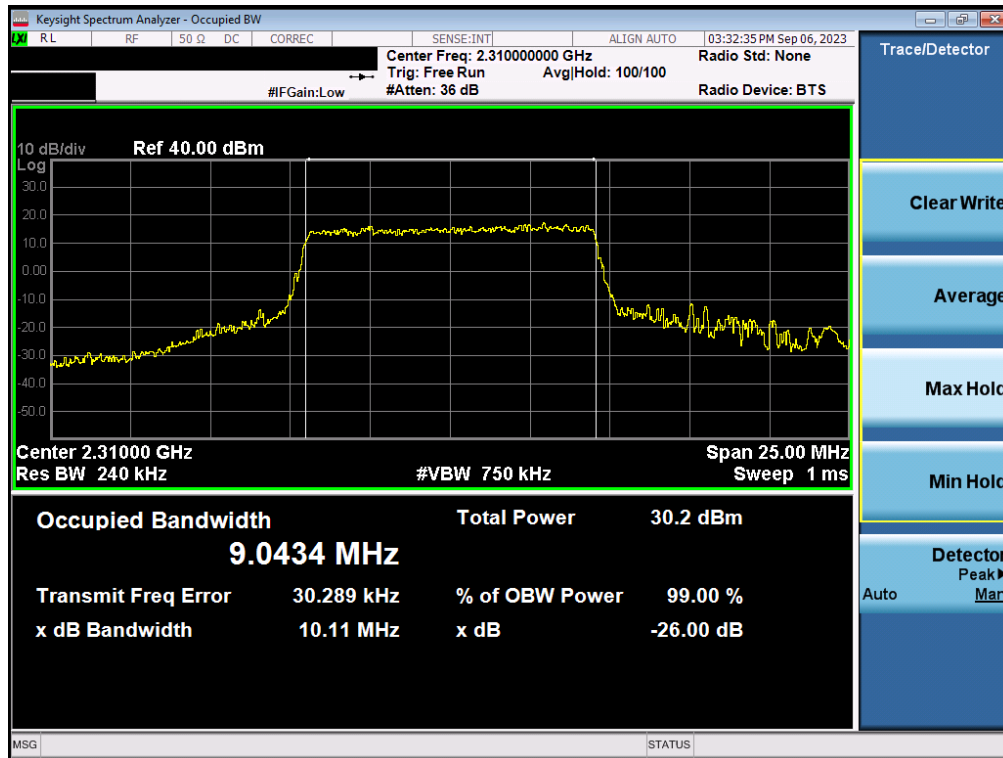
FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Mode	Bandwidth	Modulation	OBW [MHz]
LTE Band 30	10MHz	QPSK	9.04
		16QAM	9.05
	5 MHz	QPSK	4.52
		16QAM	4.53
LTE Band 7	20 MHz	QPSK	17.99
		16QAM	17.98
	15 MHz	QPSK	13.55
		16QAM	13.56
	10 MHz	QPSK	9.00
		16QAM	9.00
LTE Band 41(PC2)	20 MHz	QPSK	18.05
		16QAM	18.05
	15 MHz	QPSK	13.50
		16QAM	13.54
	10 MHz	QPSK	9.05
		16QAM	9.02
LTE Band 41(PC3)/38	20 MHz	QPSK	17.99
		16QAM	18.05
	15 MHz	QPSK	13.50
		16QAM	13.46
	10 MHz	QPSK	9.00
		16QAM	9.03
	5 MHz	QPSK	4.53
		16QAM	4.50

Table 7-20. Occupied Bandwidth Result – LTE – Ant2

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 30 – Ant2

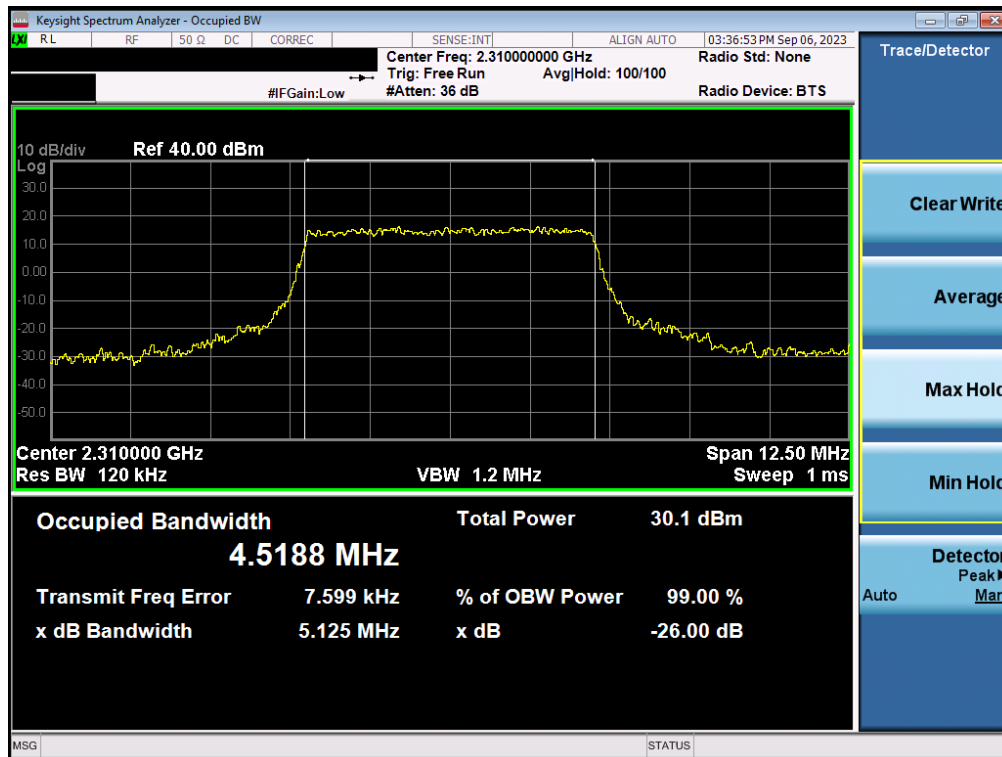


Plot 7-131. Occupied Bandwidth Plot (LTE Band 30 - 10MHz QPSK - Full RB - Ant2 – Ant2)

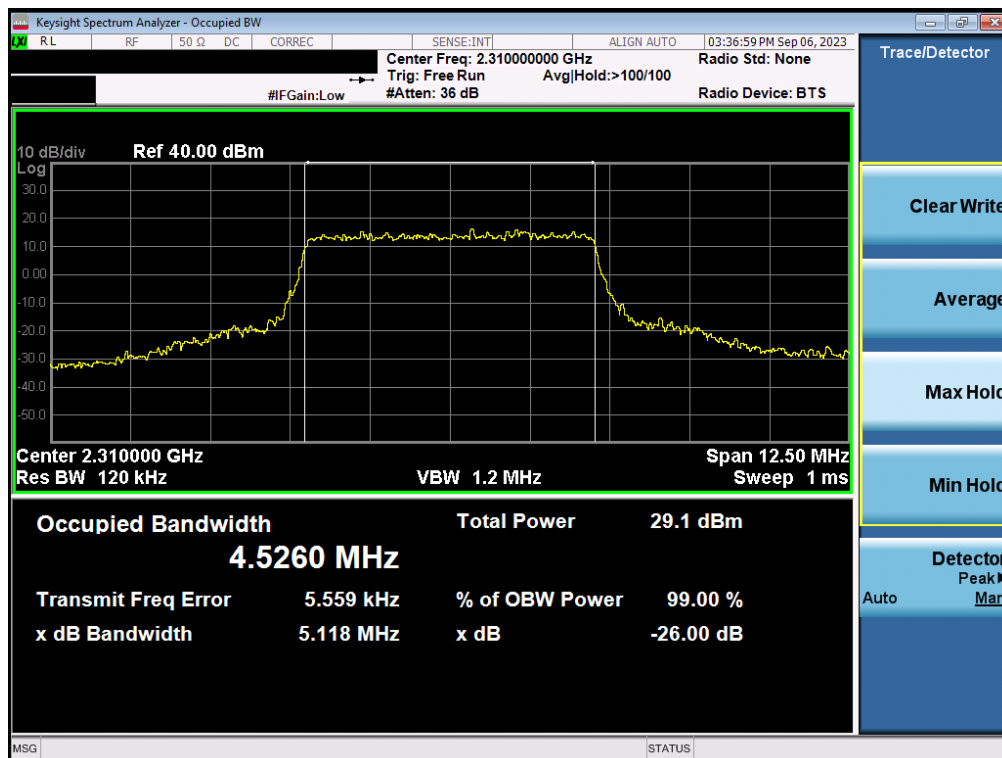


Plot 7-132. Occupied Bandwidth Plot (LTE Band 30 - 10MHz 16-QAM - Full RB - Ant2)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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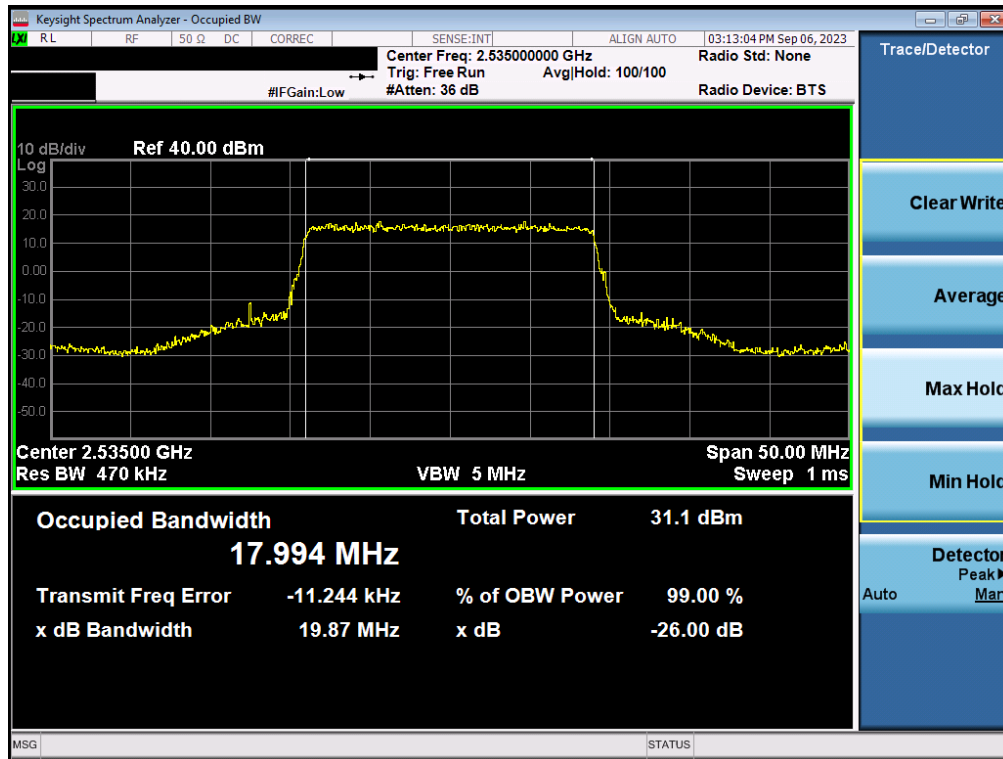
Plot 7-133. Occupied Bandwidth Plot (LTE Band 30 - 5MHz QPSK - Full RB - Ant2)



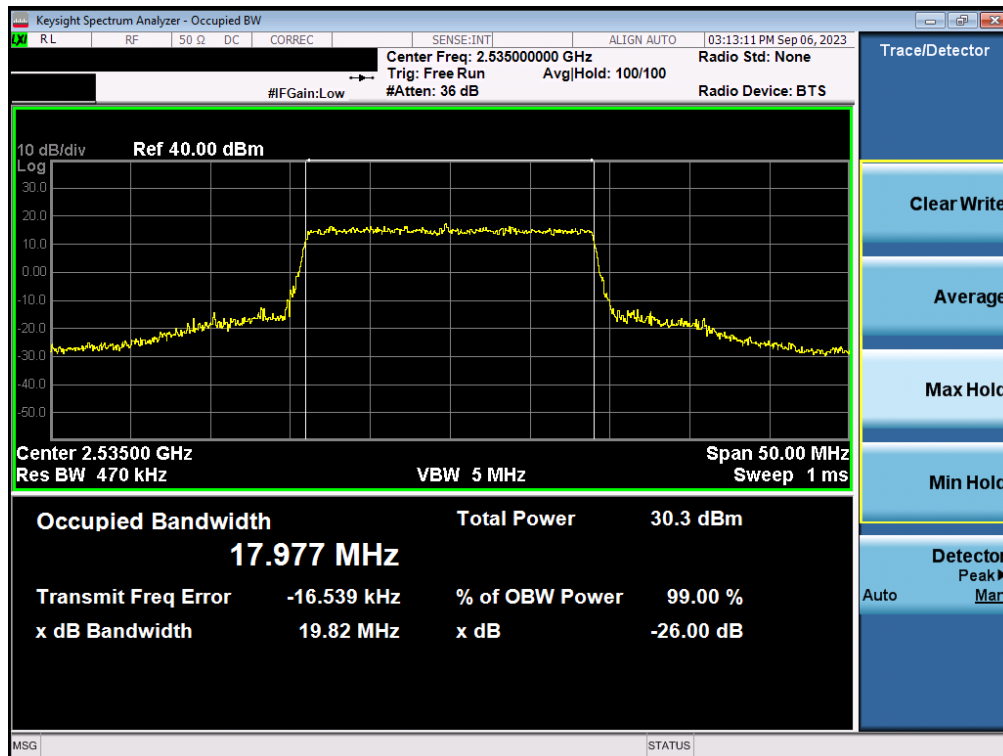
Plot 7-134. Occupied Bandwidth Plot (LTE Band 30 - 5MHz 16-QAM - Full RB - Ant2)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 7 – Ant2

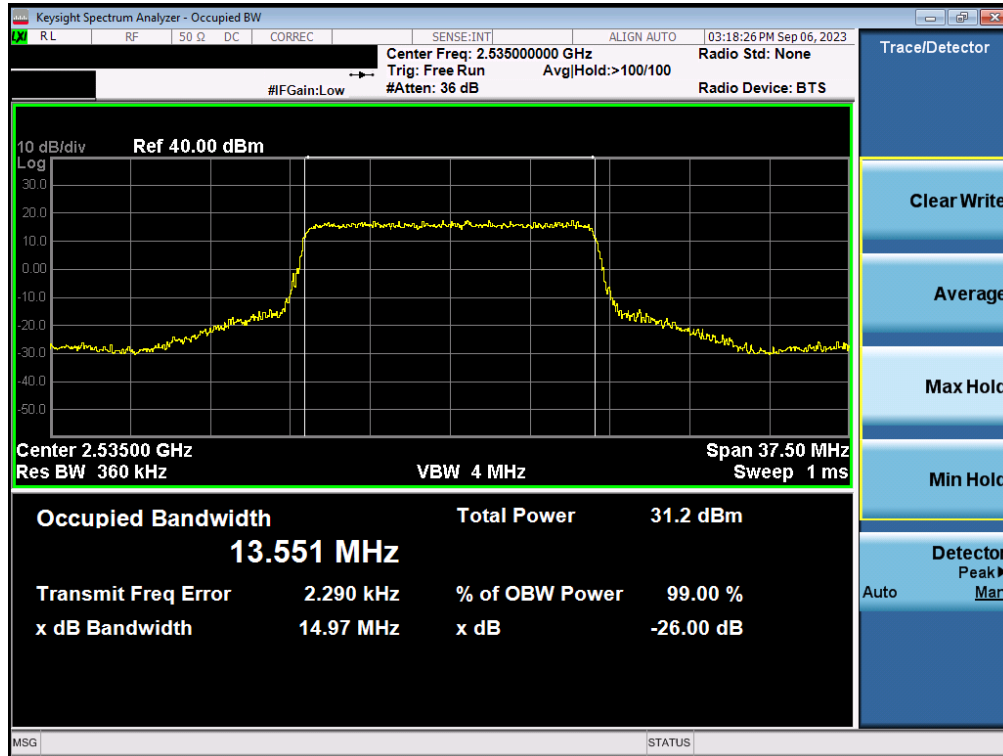


Plot 7-135. Occupied Bandwidth Plot (LTE Band 7 - 20MHz QPSK - Full RB - Ant2)

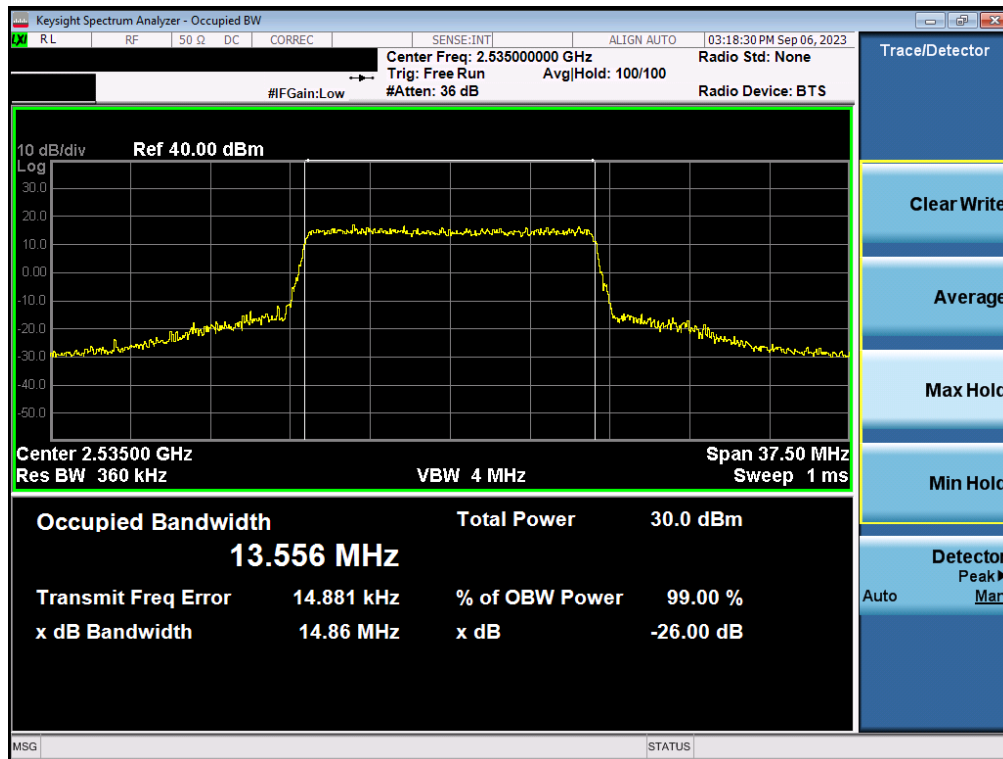


Plot 7-136. Occupied Bandwidth Plot (LTE Band 7 - 20MHz 16-QAM - Full RB - Ant2)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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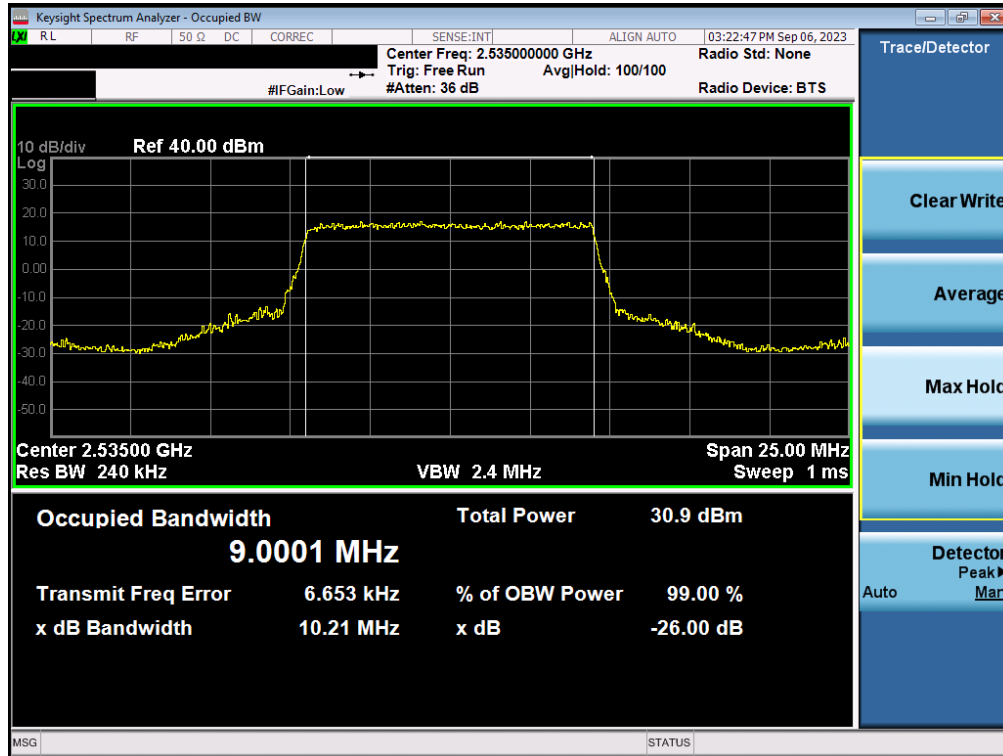


Plot 7-137. Occupied Bandwidth Plot (LTE Band 7 - 15MHz QPSK - Full RB - Ant2)



Plot 7-138. Occupied Bandwidth Plot (LTE Band 7 - 15MHz 16-QAM - Full RB - Ant2)

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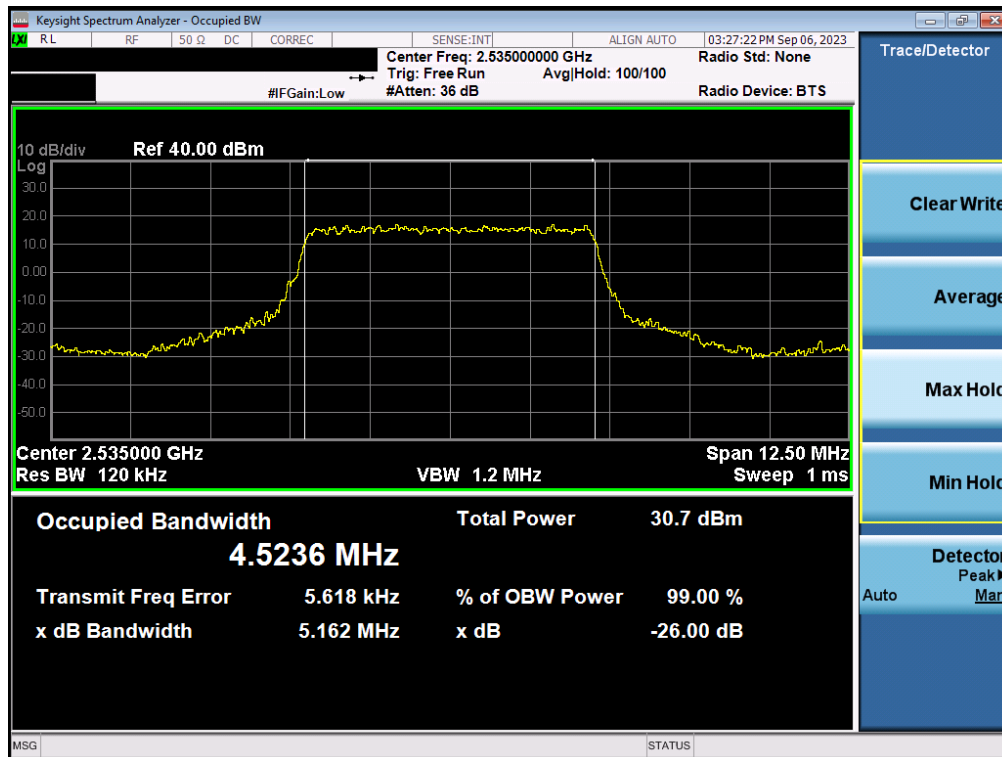


Plot 7-139. Occupied Bandwidth Plot (LTE Band 7 - 10MHz QPSK - Full RB - Ant2)

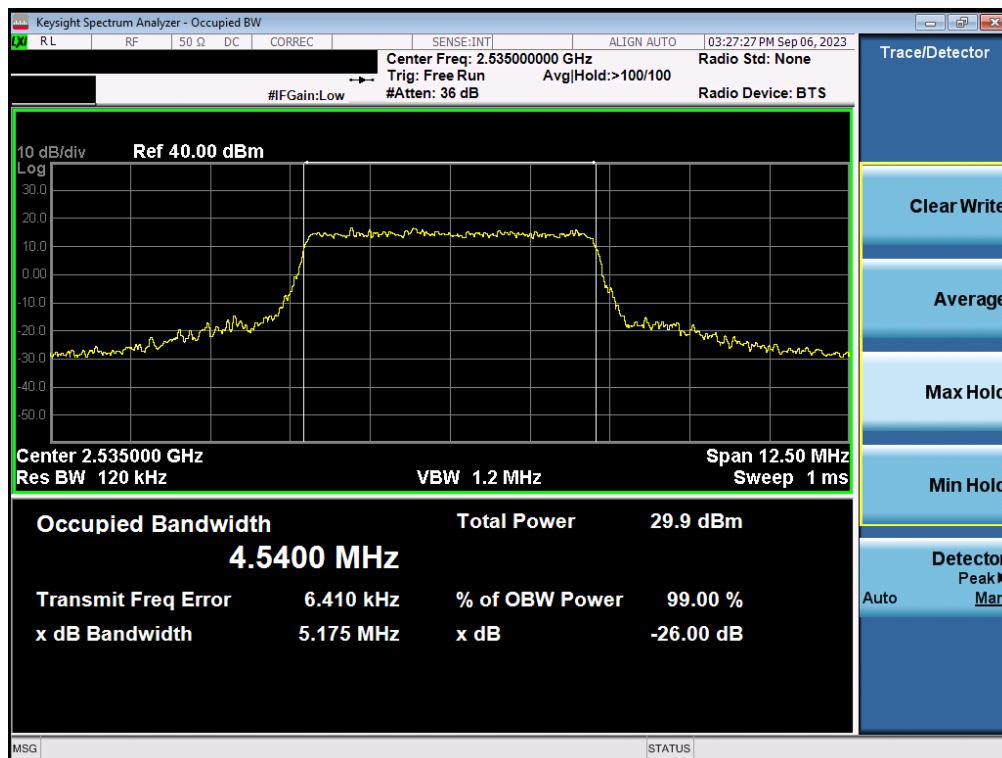


Plot 7-140. Occupied Bandwidth Plot (LTE Band 7 - 10MHz 16-QAM - Full RB - Ant2)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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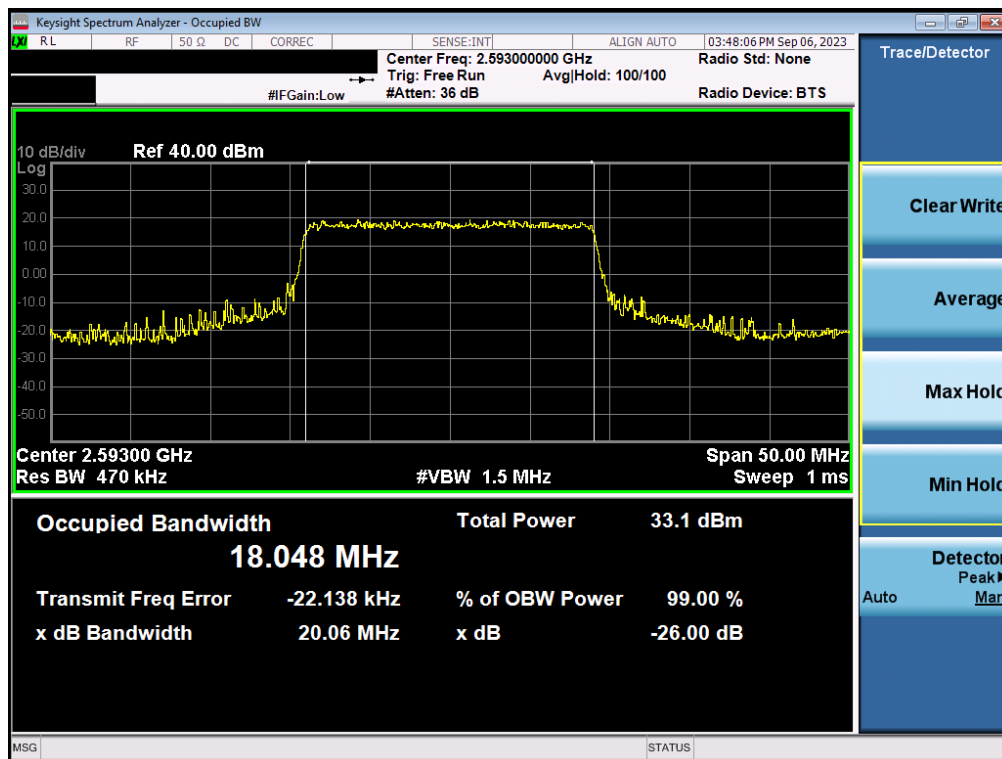
Plot 7-141. Occupied Bandwidth Plot (LTE Band 7 - 5MHz QPSK - Full RB - Ant2)



Plot 7-142. Occupied Bandwidth Plot (LTE Band 7 - 5MHz 16-QAM - Full RB - Ant2)

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LTE Band 41(PC2) – Ant2

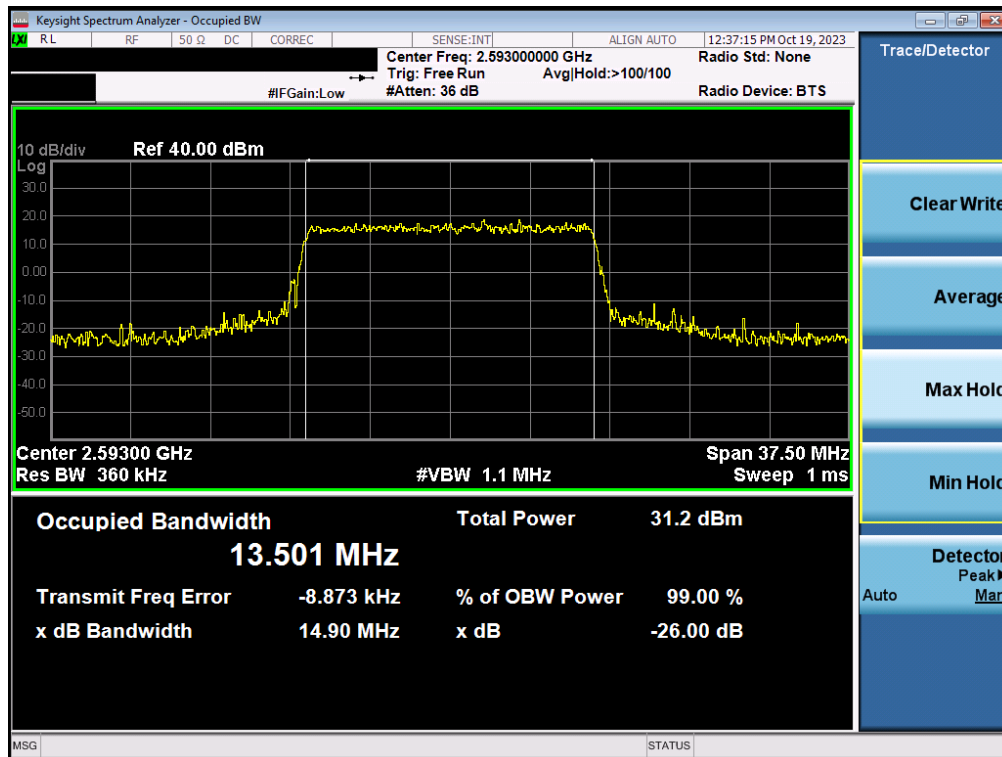


Plot 7-143. Occupied Bandwidth Plot (LTE Band 41(PC2) - 20MHz QPSK - Full RB - Ant2)

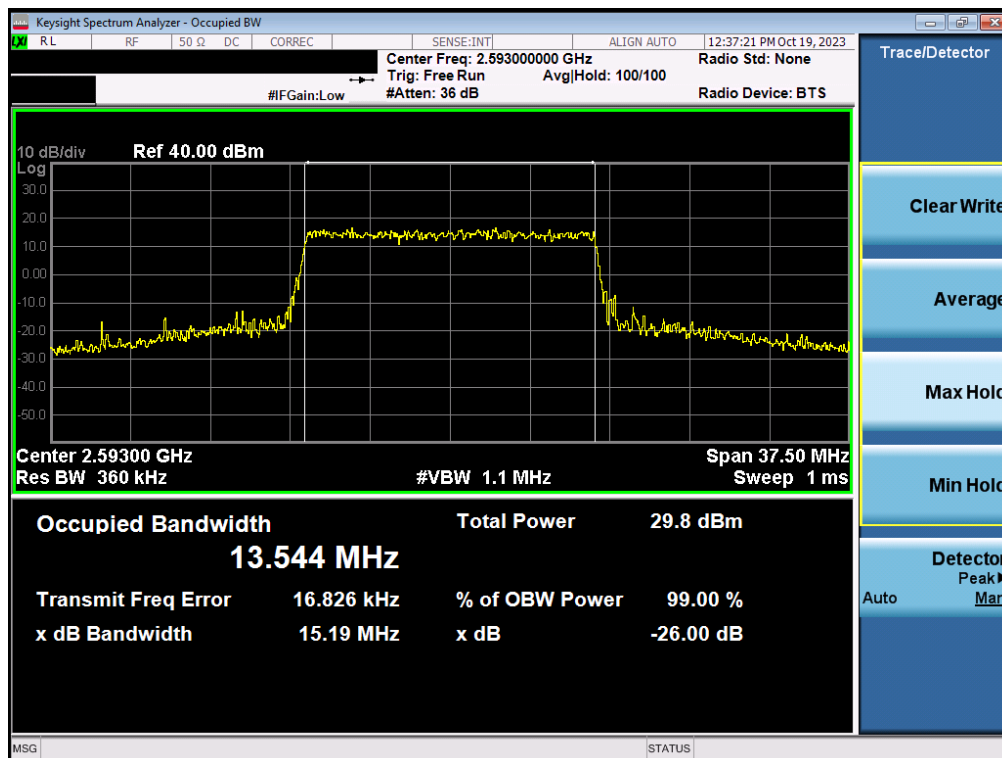


Plot 7-144. Occupied Bandwidth Plot (LTE Band 41(PC2) - 20MHz 16-QAM - Full RB - Ant2)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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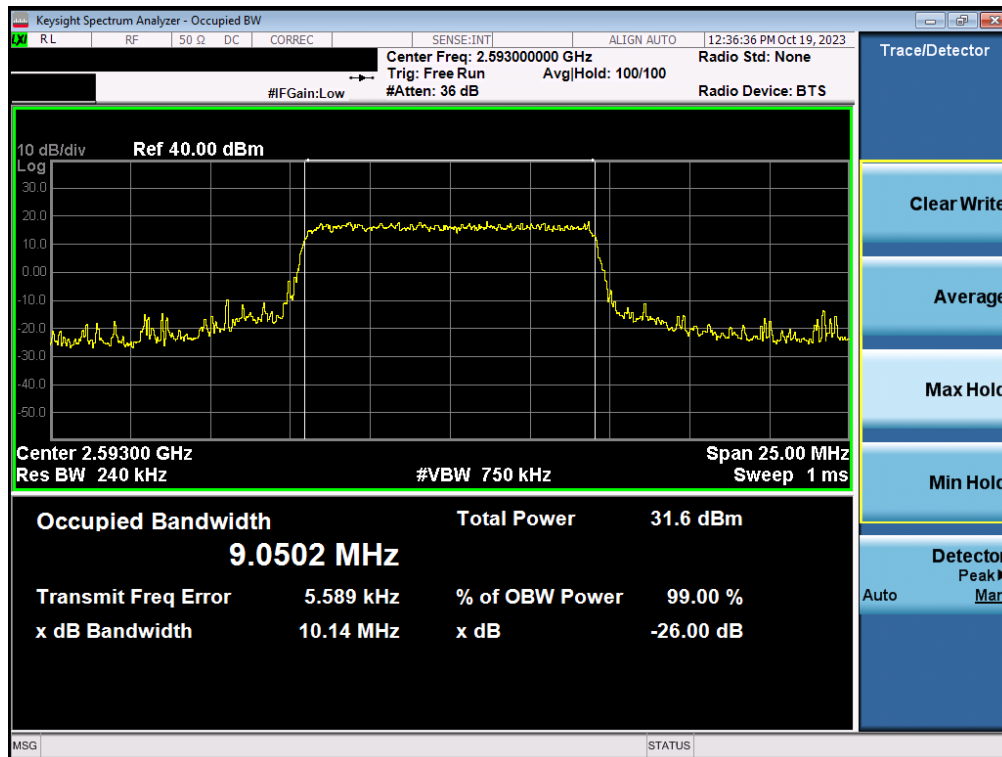


Plot 7-145. Occupied Bandwidth Plot (LTE Band 41(PC2) - 15MHz QPSK - Full RB - Ant2)



Plot 7-146. Occupied Bandwidth Plot (LTE Band 41(PC2) - 15MHz 16-QAM - Full RB - Ant2)

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Plot 7-147. Occupied Bandwidth Plot (LTE Band 41(PC2) - 10MHz QPSK - Full RB - Ant2)

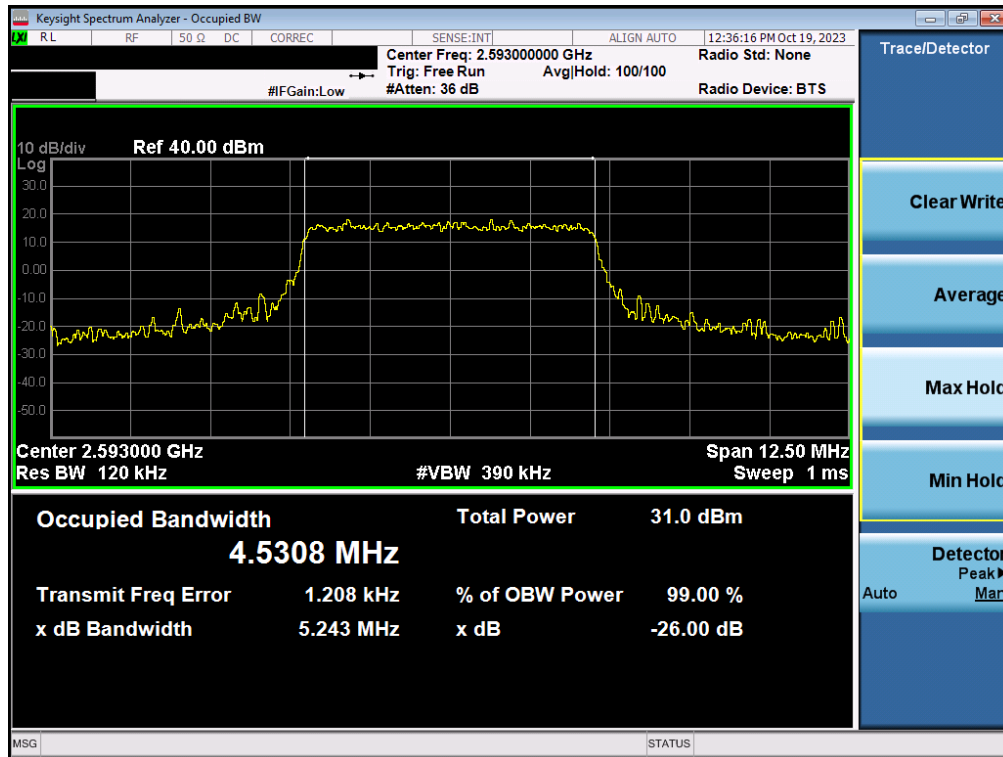


Plot 7-148. Occupied Bandwidth Plot (LTE Band 41(PC2) - 10MHz 16-QAM - Full RB - Ant2)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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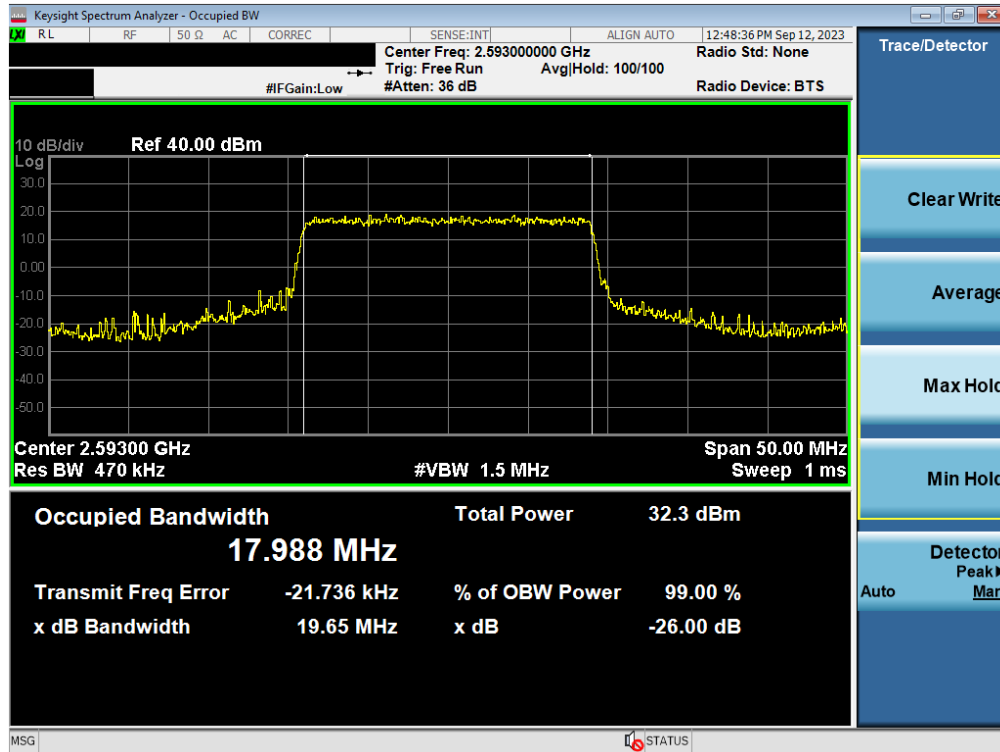
Plot 7-149. Occupied Bandwidth Plot (LTE Band 41(PC2) - 5MHz QPSK - Full RB - Ant2)



Plot 7-150. Occupied Bandwidth Plot (LTE Band 41(PC2) - 5MHz 16-QAM - Full RB - Ant2)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 41(PC3)/38 – Ant2



Plot 7-151. Occupied Bandwidth Plot (LTE Band 41(PC3)/38 - 20MHz QPSK - Full RB - Ant2)



Plot 7-152. Occupied Bandwidth Plot (LTE Band 41(PC3)/38 - 20MHz 16-QAM - Full RB - Ant2)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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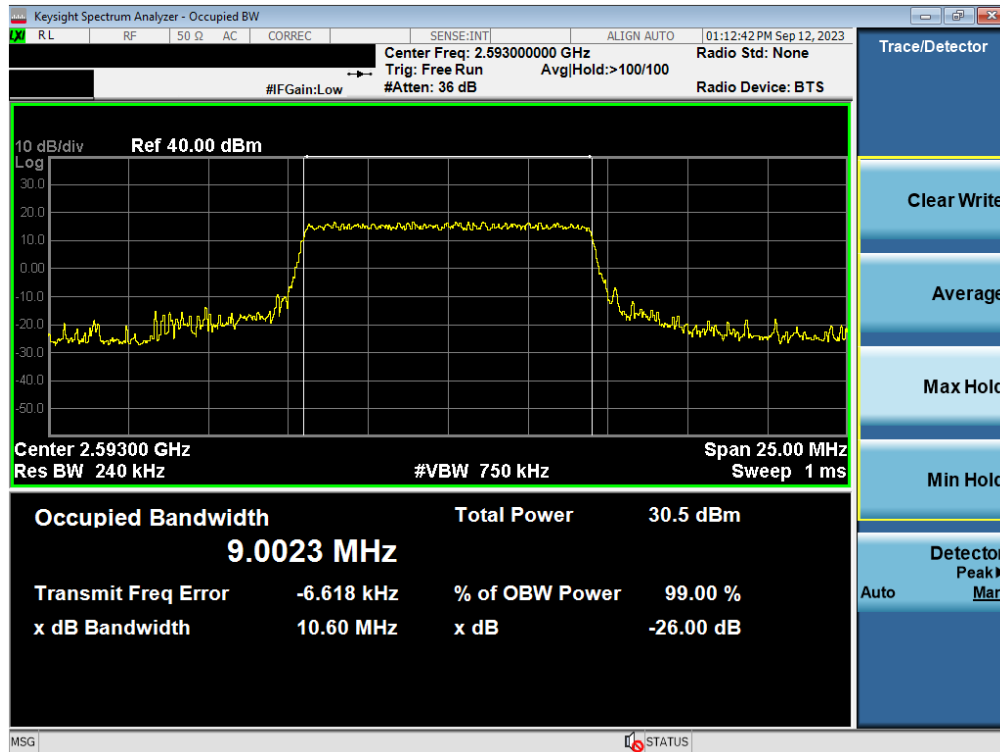


Plot 7-153. Occupied Bandwidth Plot (LTE Band 41(PC3)/38 - 15MHz QPSK - Full RB - Ant2)



Plot 7-154. Occupied Bandwidth Plot (LTE Band 41(PC3)/38 - 15MHz 16-QAM - Full RB - Ant2)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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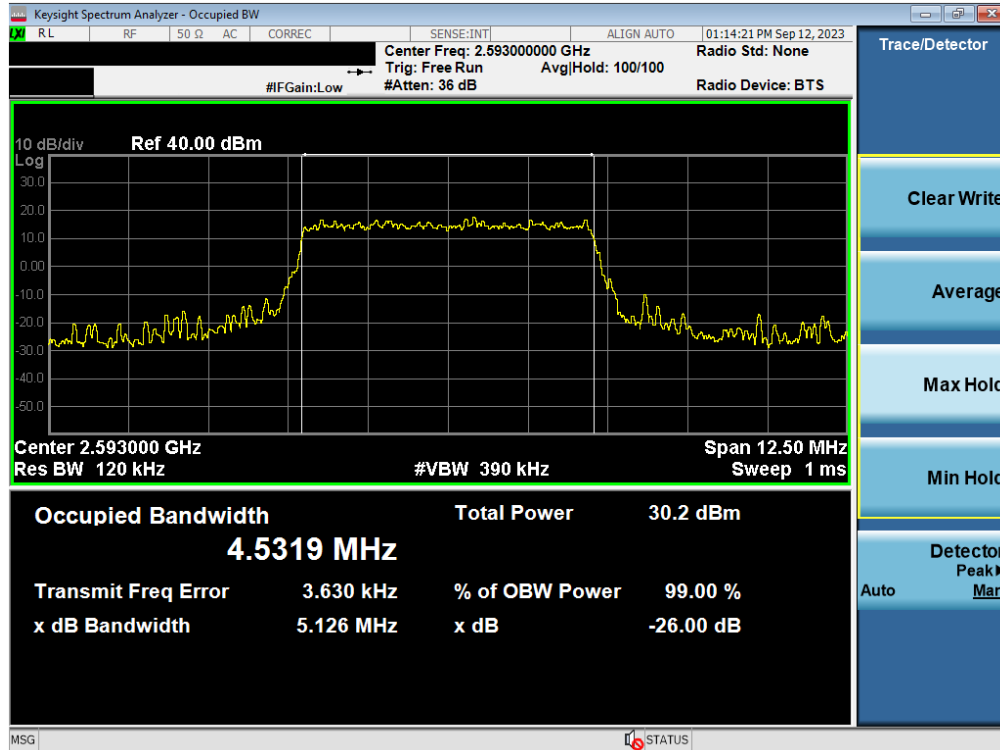


Plot 7-155. Occupied Bandwidth Plot (LTE Band 41(PC3)/38 - 10MHz QPSK - Full RB - Ant2)

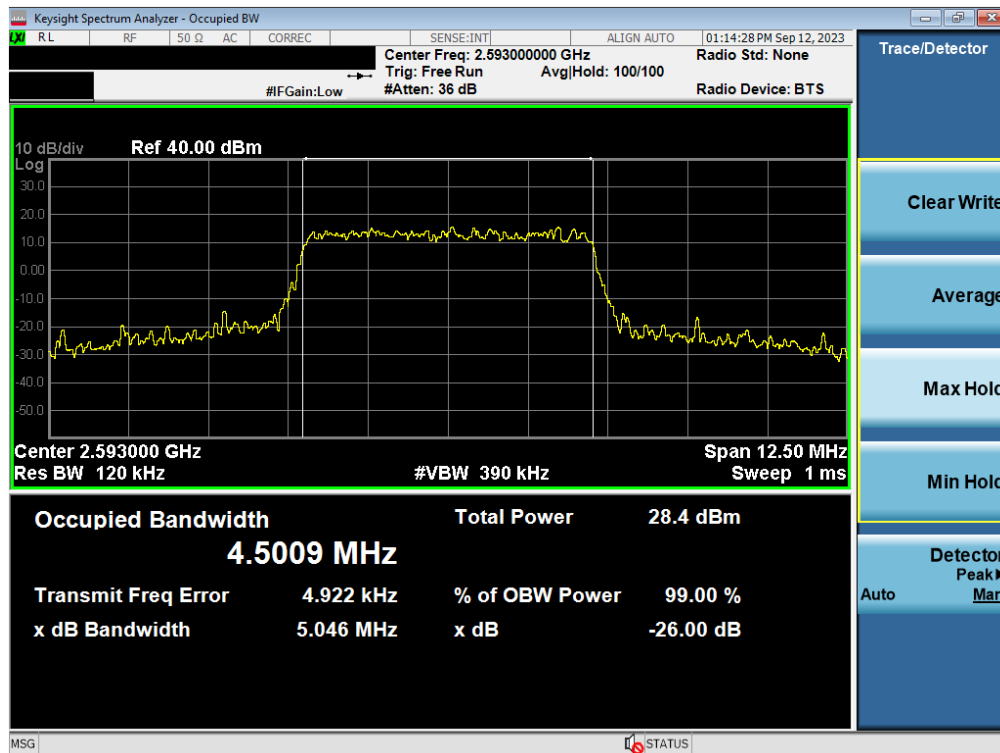


Plot 7-156. Occupied Bandwidth Plot (LTE Band 41(PC3)/38 - 10MHz 16-QAM - Full RB - Ant2)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-157. Occupied Bandwidth Plot (LTE Band 41(PC3)/38 - 5MHz QPSK - Full RB - Ant2)



Plot 7-158. Occupied Bandwidth Plot (LTE Band 41(PC3)/38 - 5MHz 16-QAM - Full RB - Ant2)

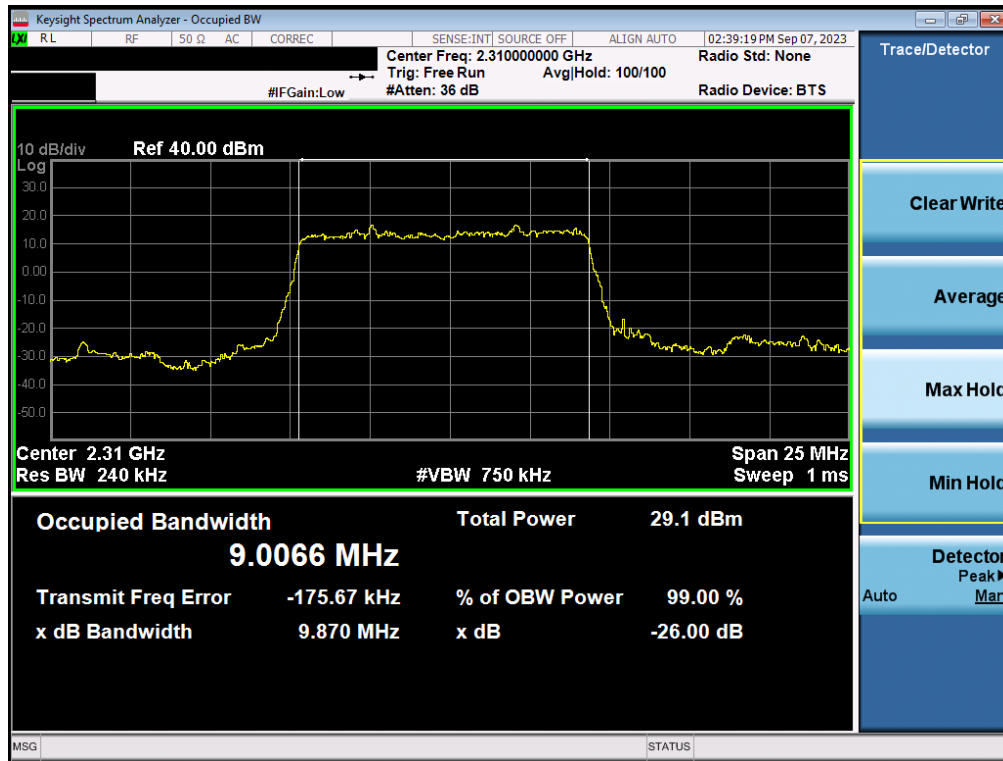
FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Mode	Bandwidth	Modulation	OBW [MHz]
NR-n30	10MHz	BPSK	9.01
		QPSK	9.36
		16QAM	9.36
	5MHz	BPSK	4.55
		QPSK	4.54
		16QAM	4.53
NR-n7	40MHz	BPSK	38.74
		QPSK	38.79
		16QAM	38.78
	35MHz	BPSK	32.25
		QPSK	33.60
		16QAM	33.66
	30MHz	BPSK	28.72
		QPSK	28.74
		16QAM	28.77
	25MHz	BPSK	23.02
		QPSK	23.90
		16QAM	23.88
	20MHz	BPSK	18.00
		QPSK	18.98
		16QAM	19.07
	15MHz	BPSK	13.51
		QPSK	14.20
		16QAM	14.21
	10MHz	BPSK	9.01
		QPSK	9.36
		16QAM	9.34
	5MHz	BPSK	4.51
		QPSK	4.53
		16QAM	4.58

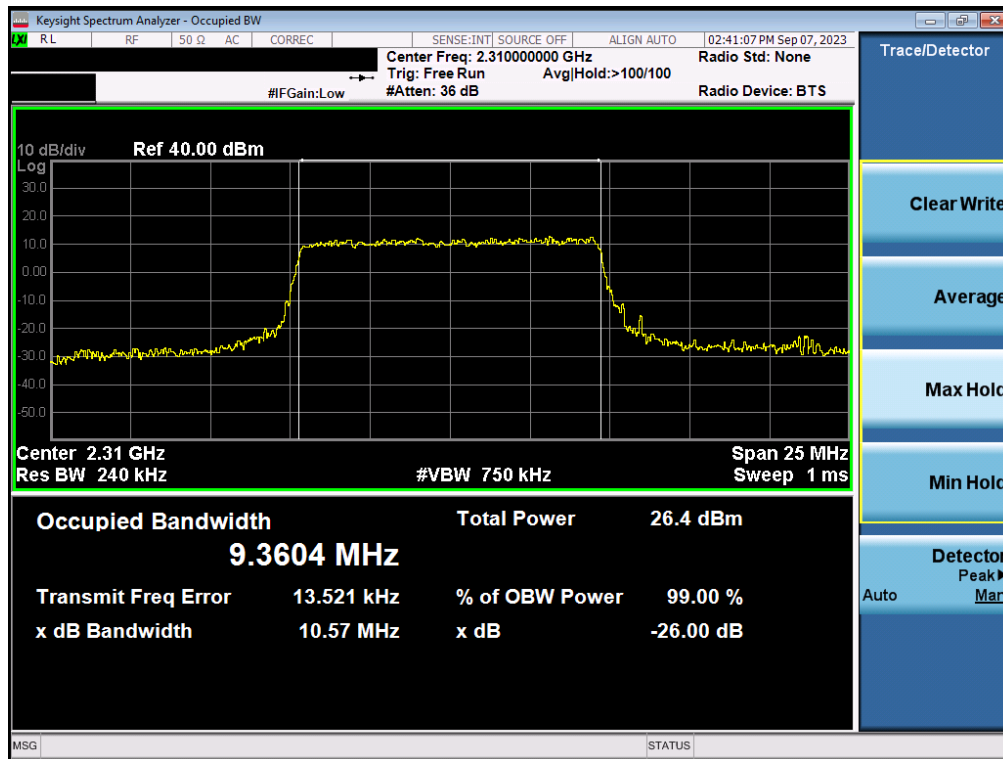
Table 7-21. Occupied Bandwidth Result – NR – Ant2

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n30 – Ant2

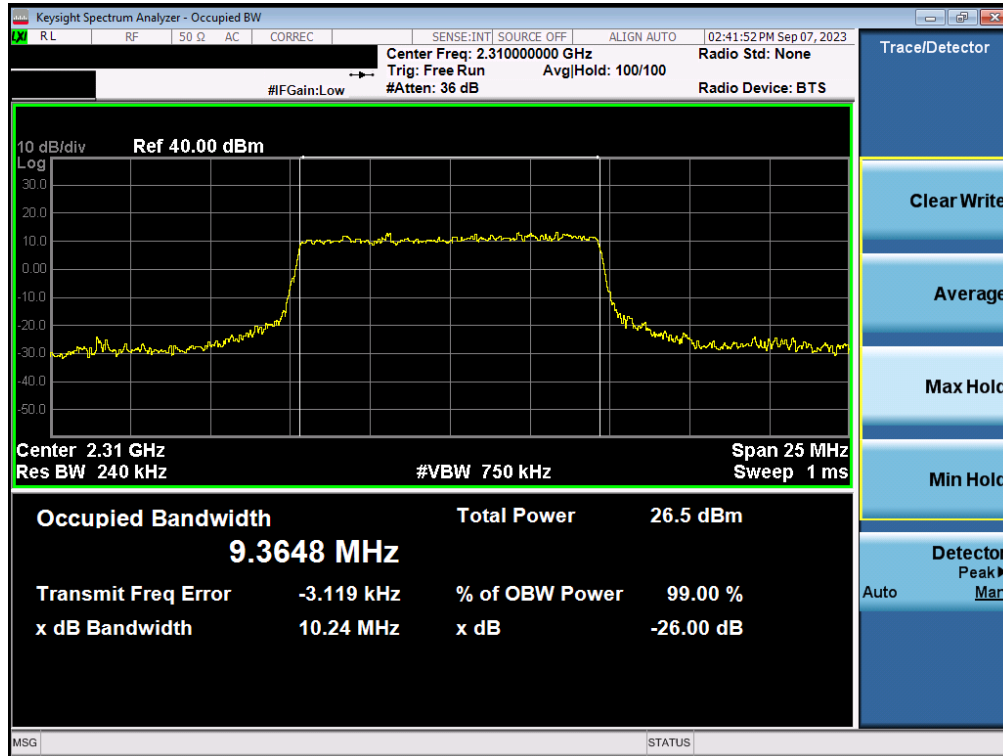


Plot 7-159. Occupied Bandwidth Plot (NR Band n30 - 10MHz $\pi/2$ BPSK - Full RB - Ant2)

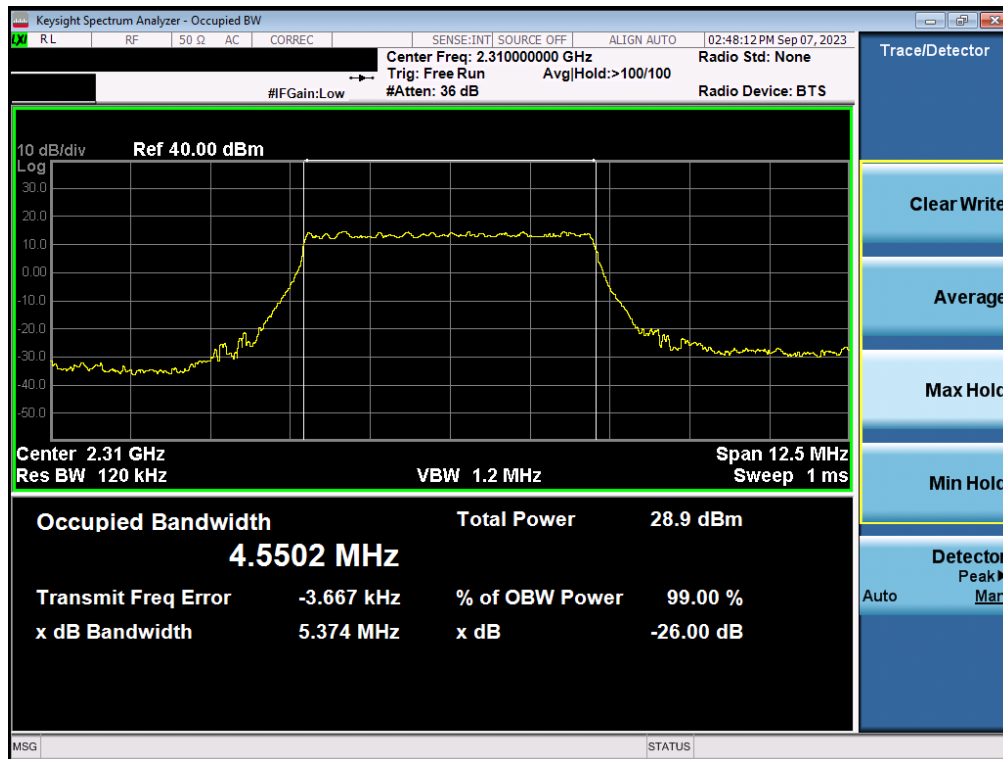


Plot 7-160. Occupied Bandwidth Plot (NR Band n30 - 10MHz QPSK - Full RB - Ant2)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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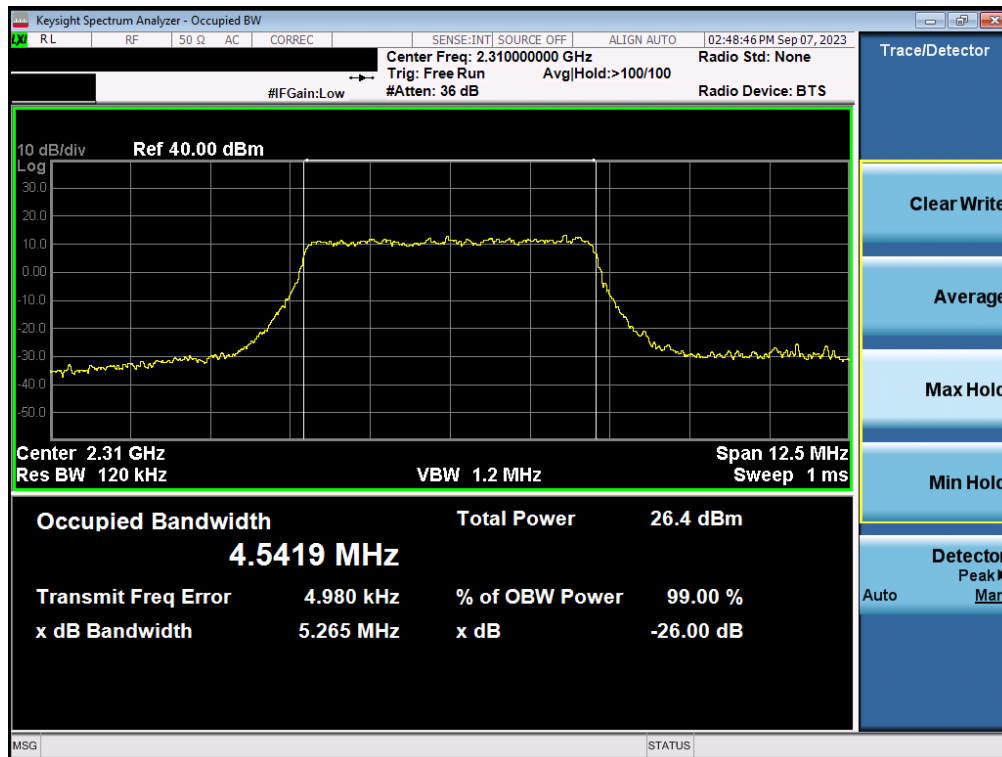


Plot 7-161. Occupied Bandwidth Plot (NR Band n30 - 10MHz 16-QAM - Full RB - Ant2)

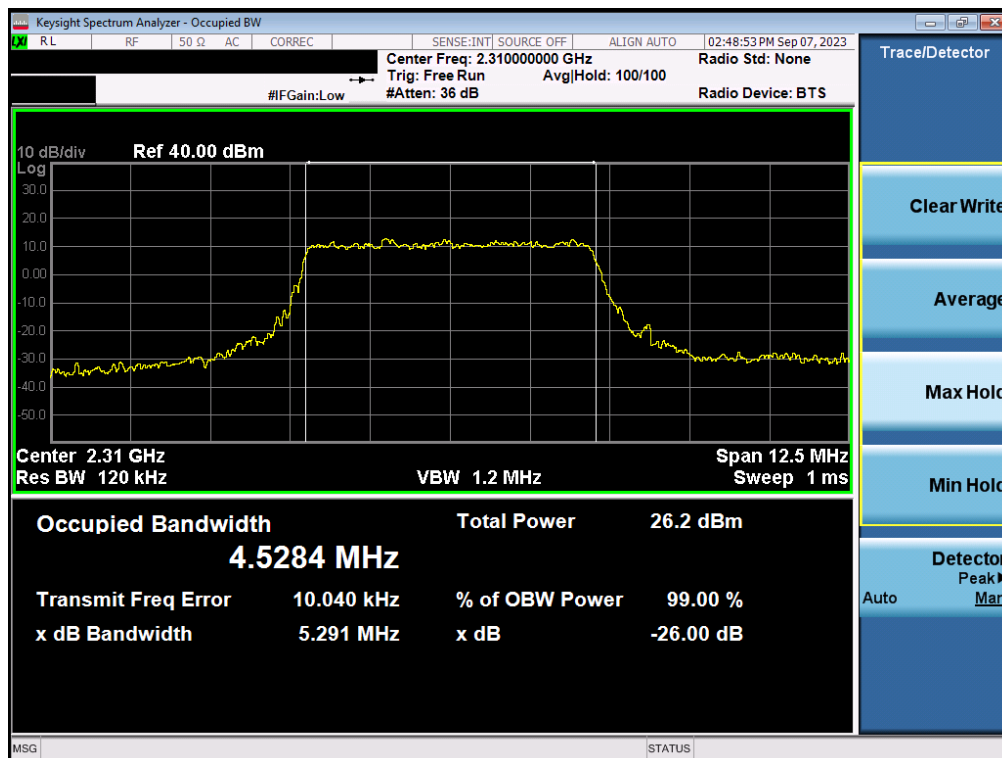


Plot 7-162. Occupied Bandwidth Plot (NR Band n30 - 5MHz $\pi/2$ BPSK - Full RB - Ant2)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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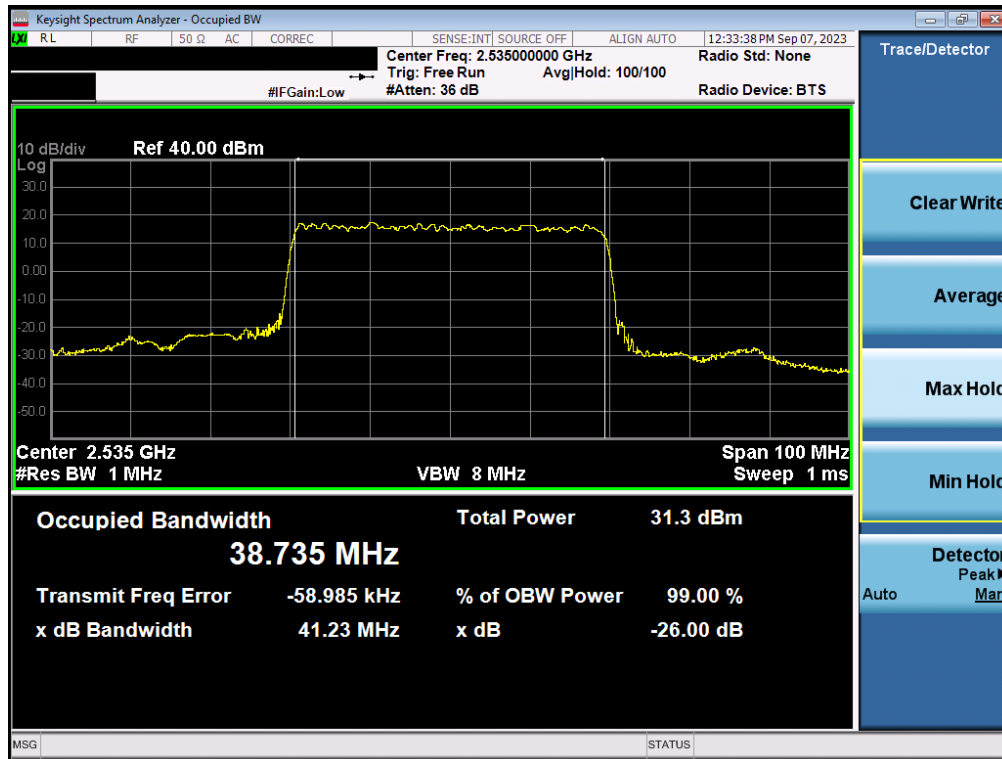
Plot 7-163. Occupied Bandwidth Plot (NR Band n30 - 5MHz QPSK - Full RB - Ant2)



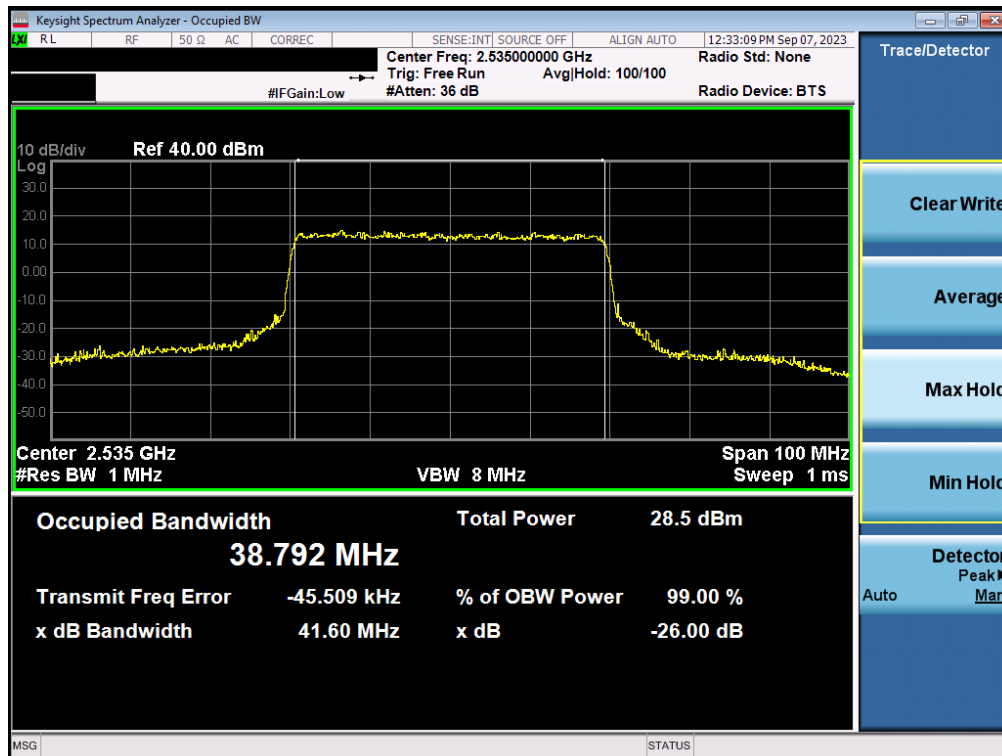
Plot 7-164. Occupied Bandwidth Plot (NR Band n30 - 5MHz 16-QAM - Full RB - Ant2)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n7 – Ant2

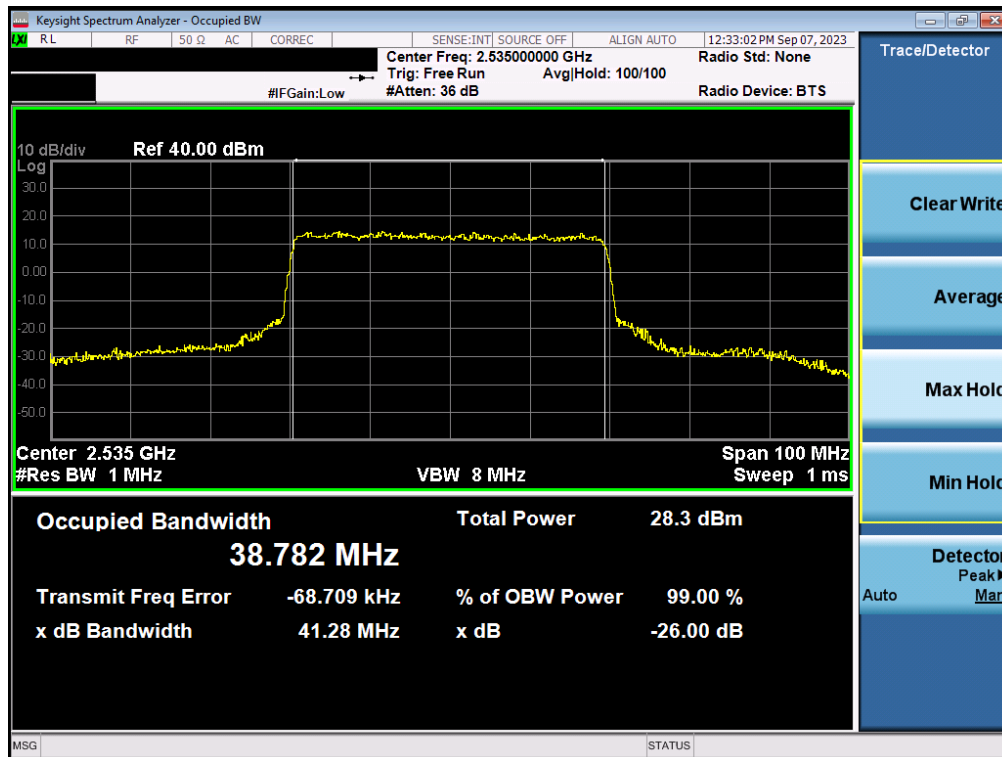


Plot 7-165. Occupied Bandwidth Plot (NR Band n7 - 40MHz $\pi/2$ BPSK - Full RB - Ant2)

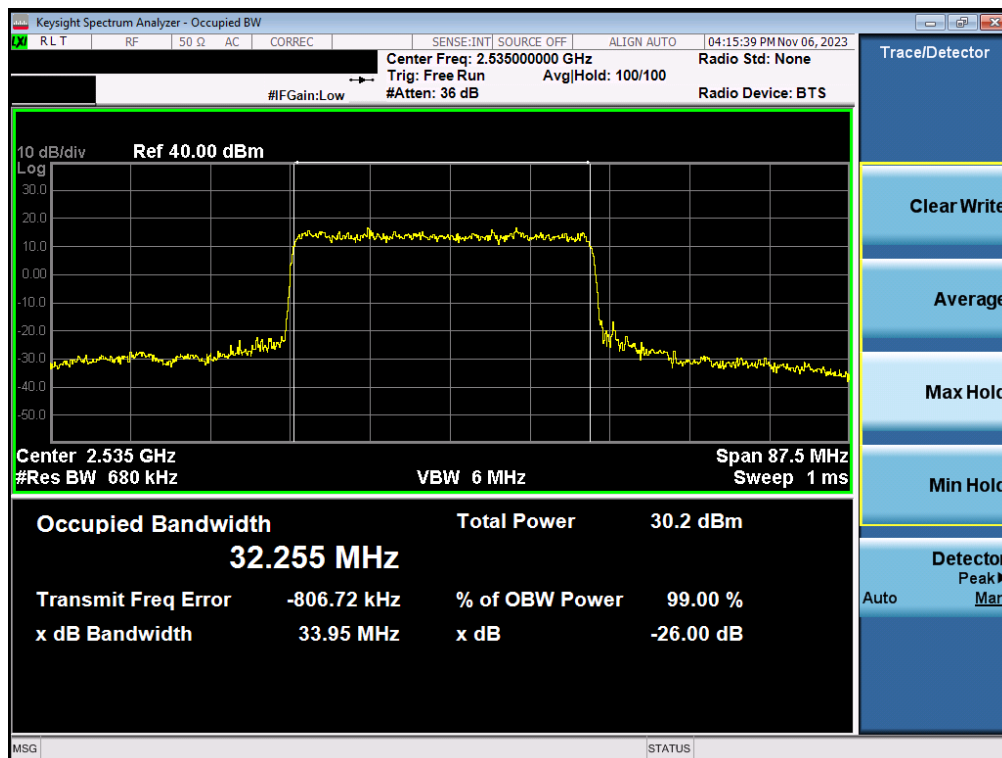


Plot 7-166. Occupied Bandwidth Plot (NR Band n7 - 40MHz QPSK - Full RB - Ant2)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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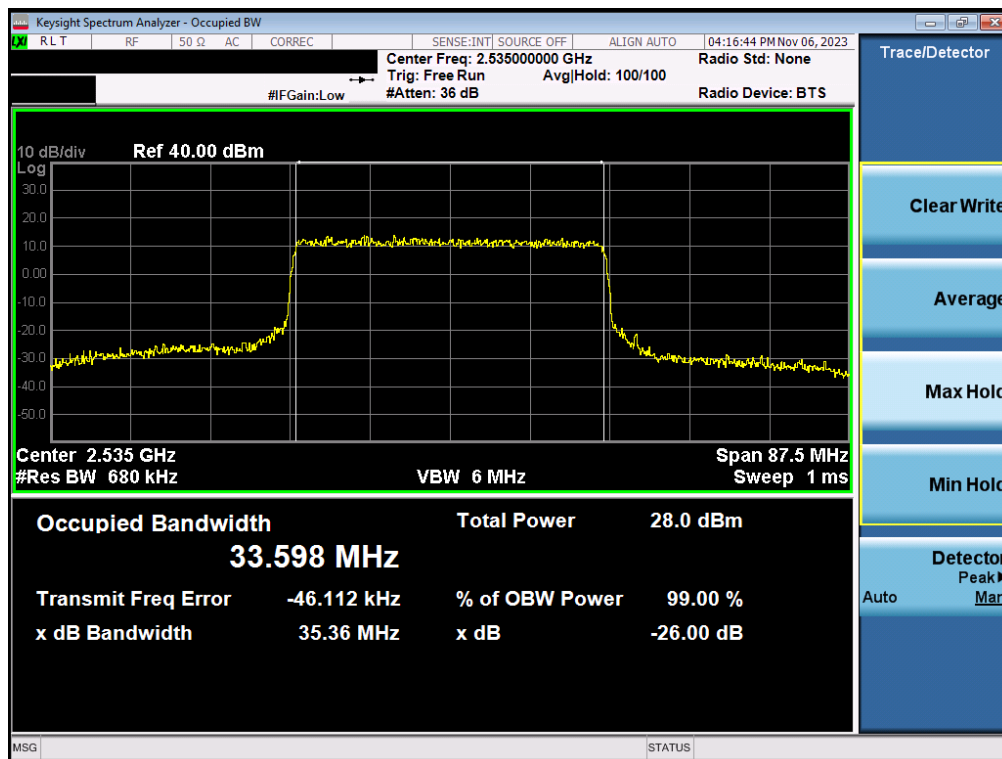


Plot 7-167. Occupied Bandwidth Plot (NR Band n7 - 40MHz 16-QAM - Full RB - Ant2)

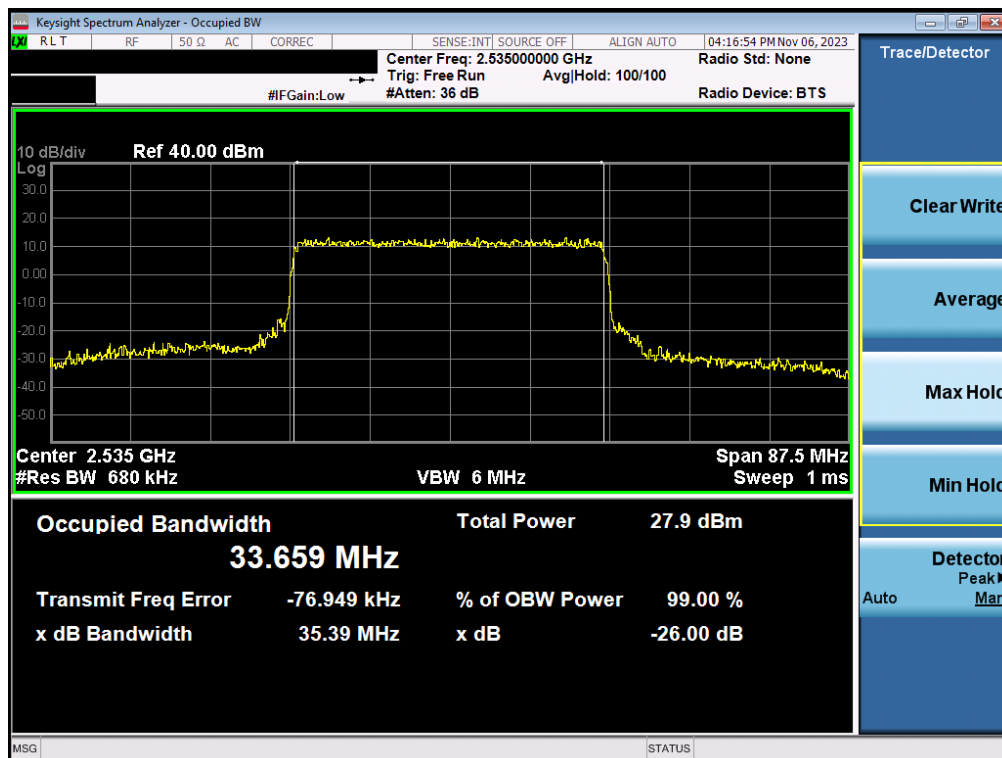


Plot 7-168. Occupied Bandwidth Plot (NR Band n7 - 35MHz $\pi/2$ BPSK - Full RB - Ant2)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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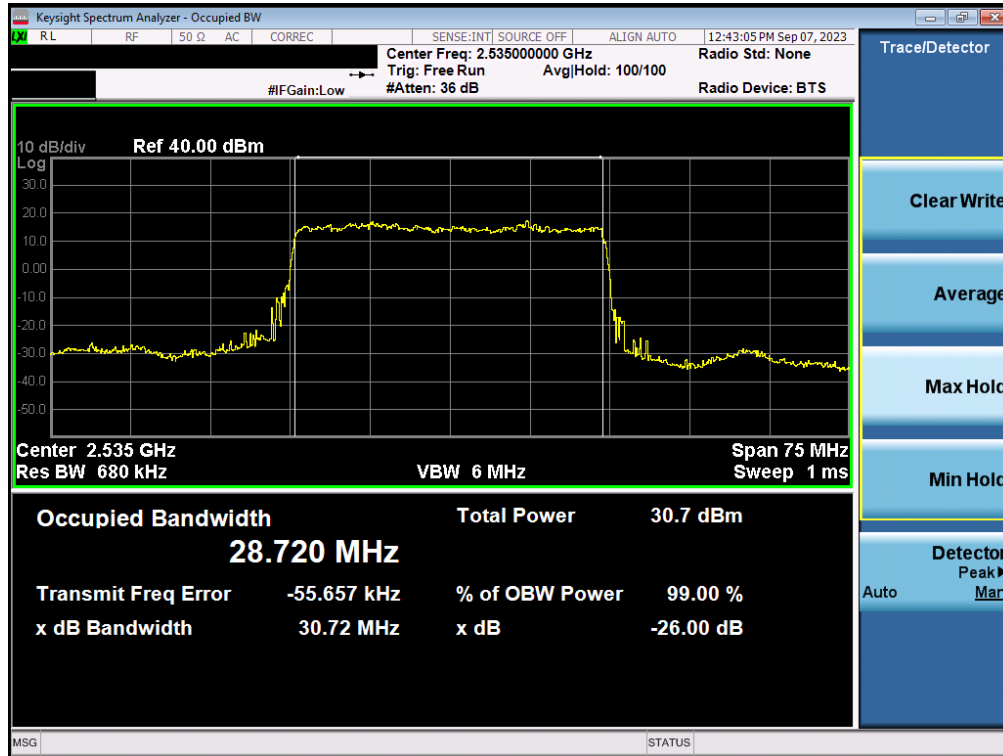


Plot 7-169. Occupied Bandwidth Plot (NR Band n7 - 35MHz QPSK - Full RB - Ant2)

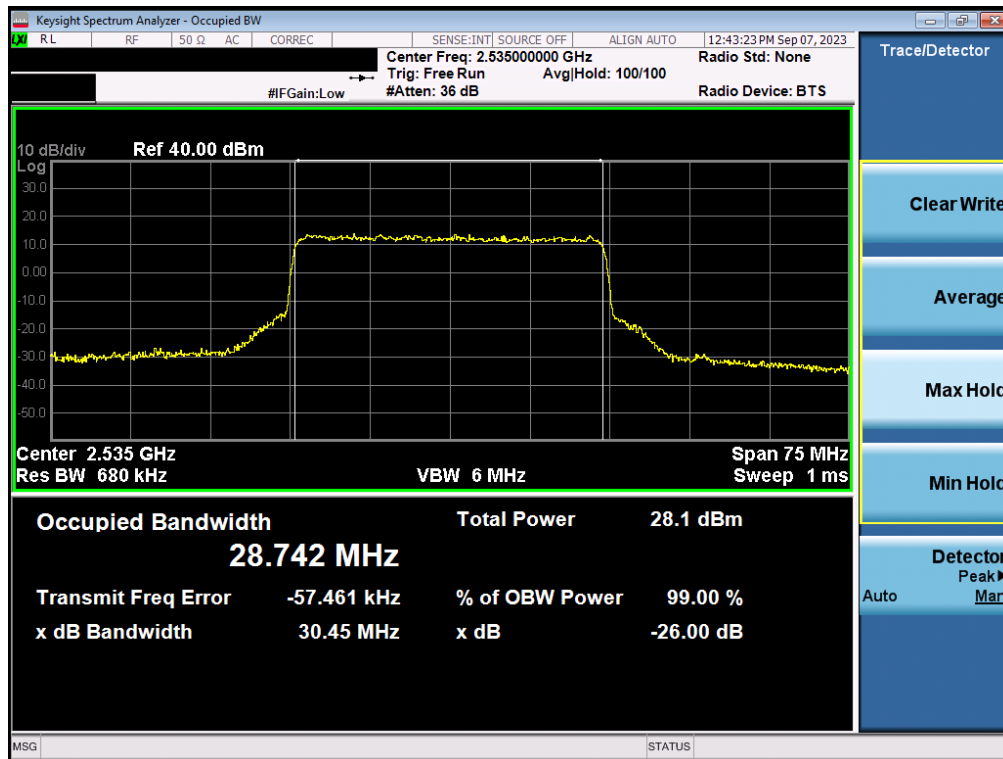


Plot 7-170. Occupied Bandwidth Plot (NR Band n7 - 35MHz 16-QAM - Full RB - Ant2)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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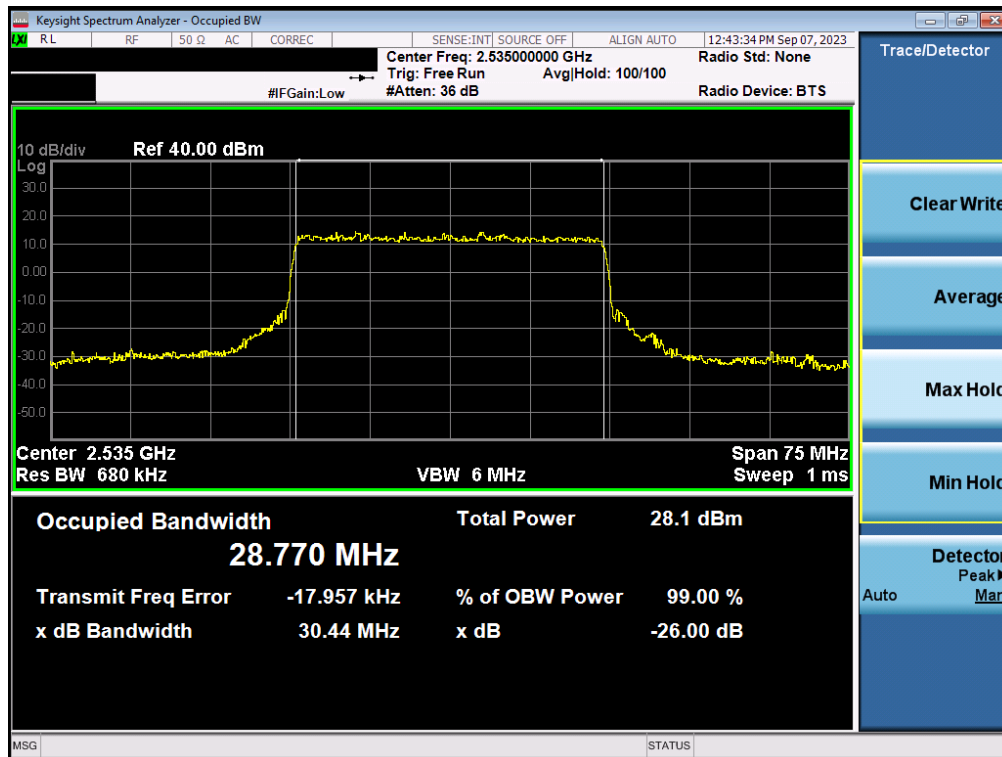


Plot 7-171. Occupied Bandwidth Plot (NR Band n7 - 30MHz $\pi/2$ BPSK - Full RB - Ant2)

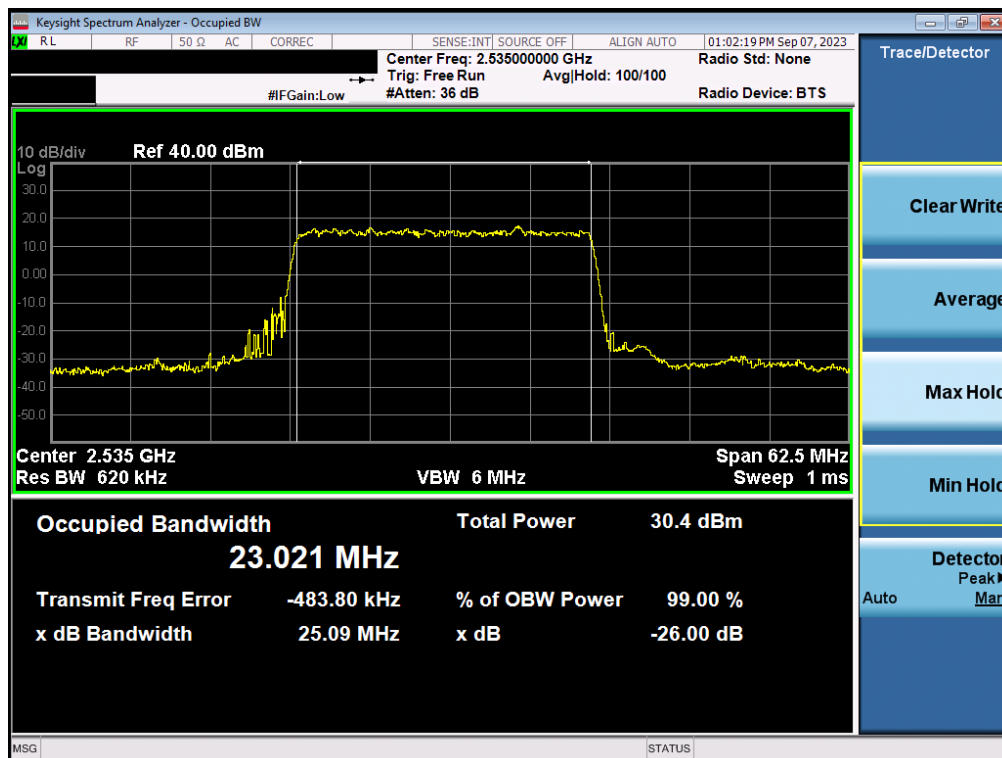


Plot 7-172. Occupied Bandwidth Plot (NR Band n7 - 30MHz QPSK - Full RB - Ant2)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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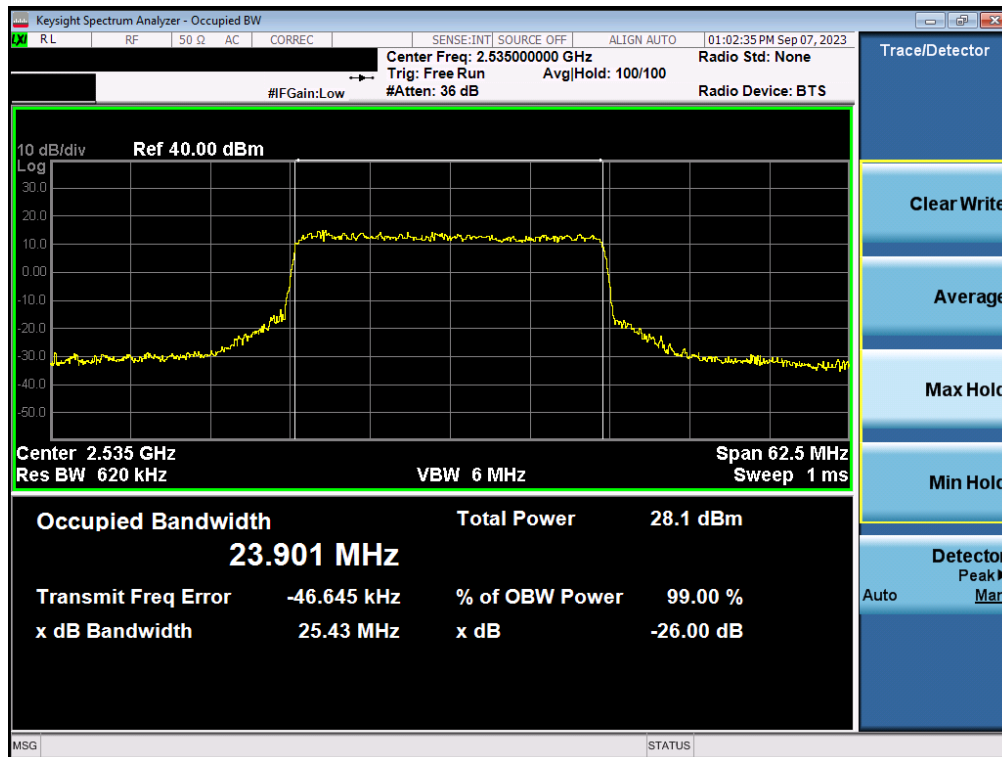


Plot 7-173. Occupied Bandwidth Plot (NR Band n7 - 30MHz 16-QAM - Full RB - Ant2)

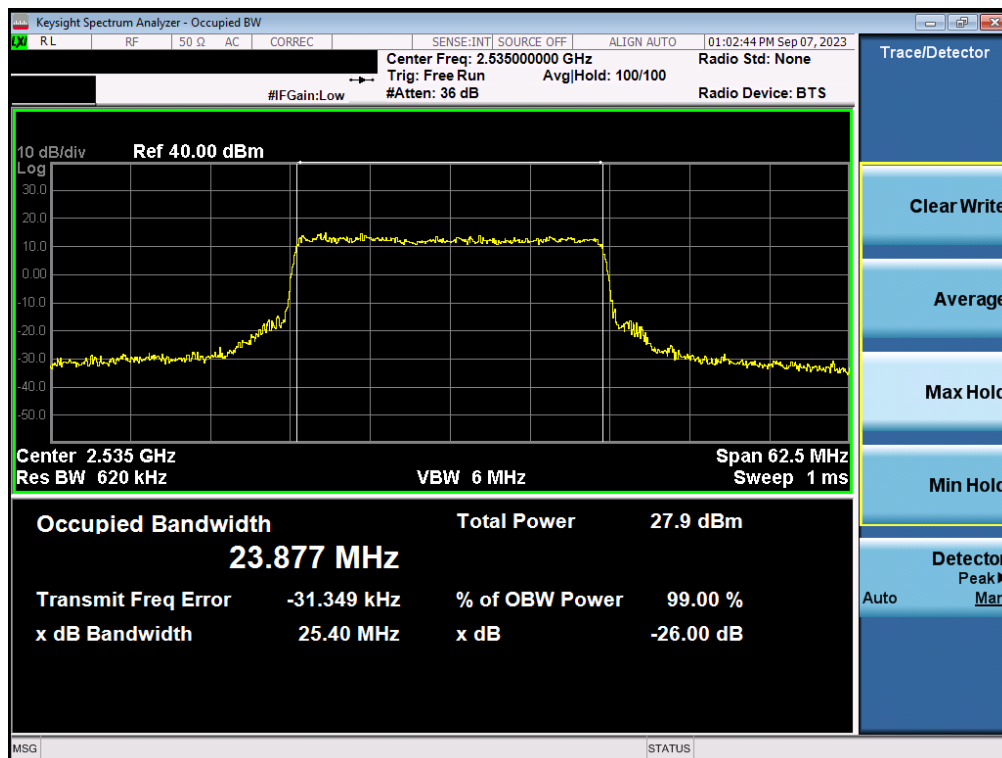


Plot 7-174. Occupied Bandwidth Plot (NR Band n7 - 25MHz $\pi/2$ BPSK - Full RB - Ant2)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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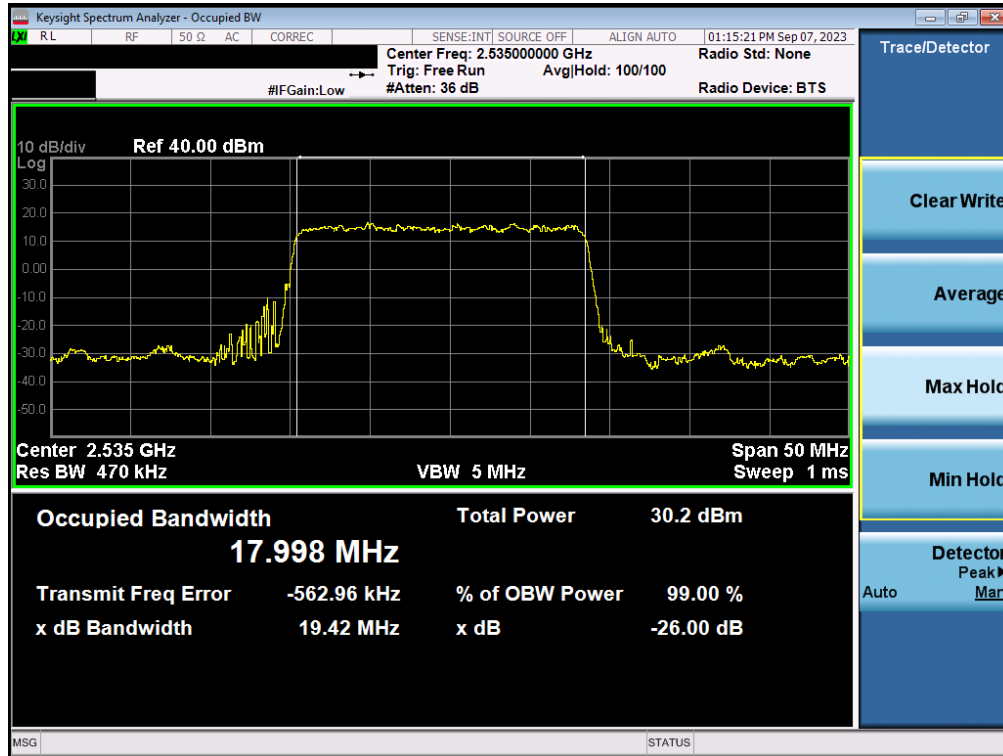


Plot 7-175. Occupied Bandwidth Plot (NR Band n7 - 25MHz QPSK - Full RB - Ant2)

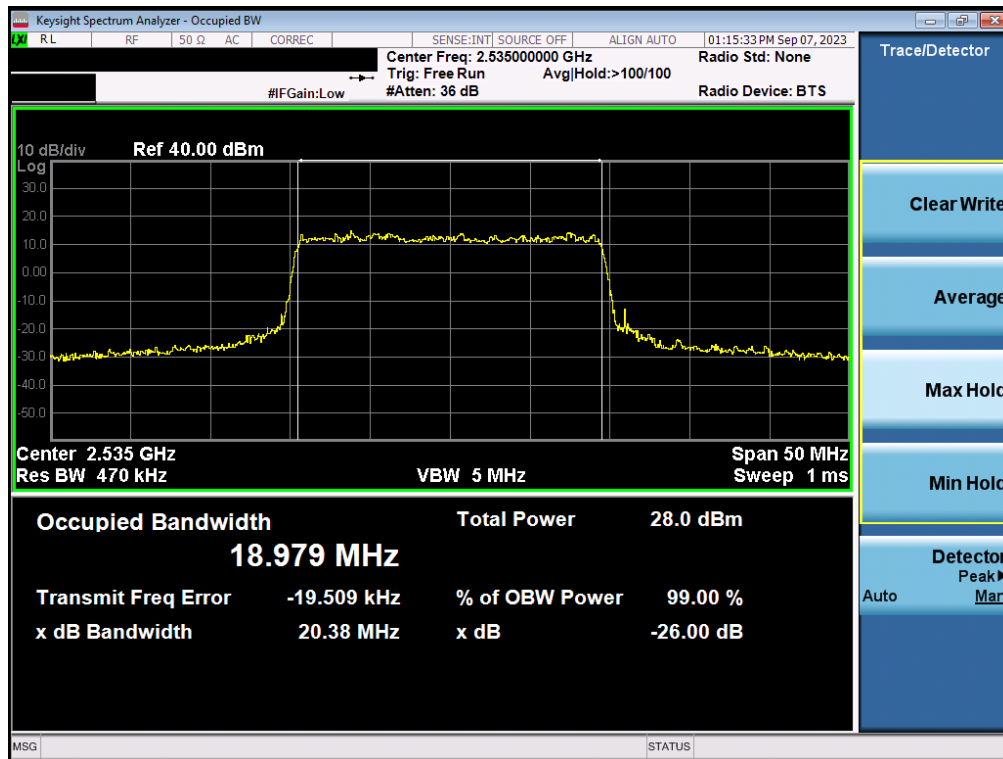


Plot 7-176. Occupied Bandwidth Plot (NR Band n7 - 25MHz 16-QAM - Full RB - Ant2)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-177. Occupied Bandwidth Plot (NR Band n7 - 20MHz $\pi/2$ BPSK - Full RB - Ant2)



Plot 7-178. Occupied Bandwidth Plot (NR Band n7 - 20MHz QPSK - Full RB - Ant2)

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