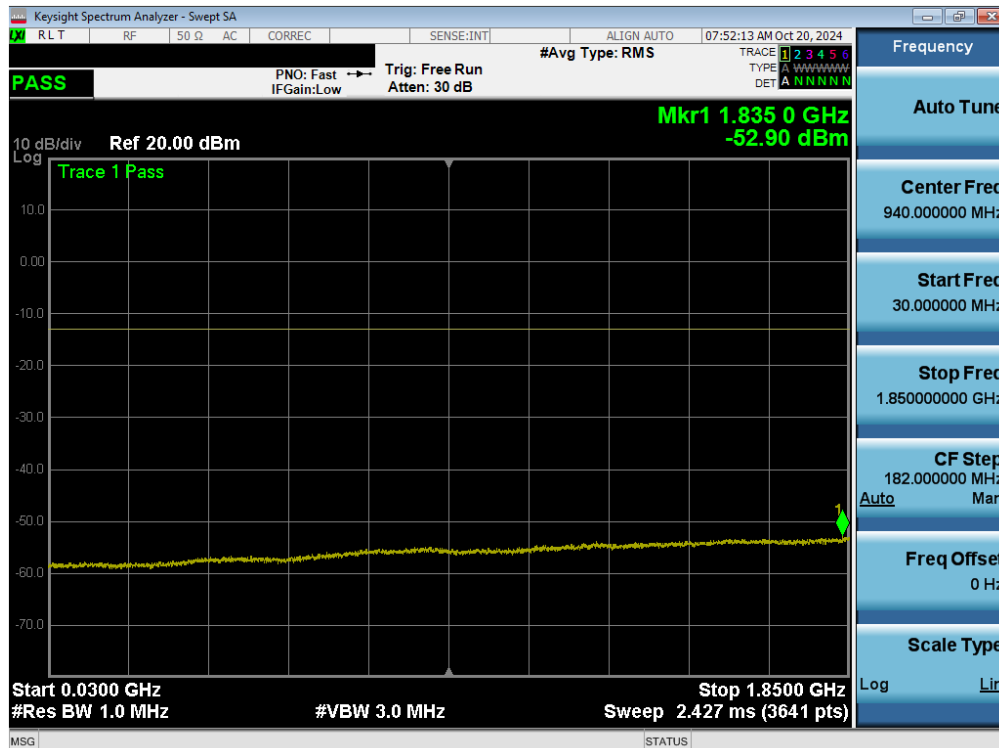
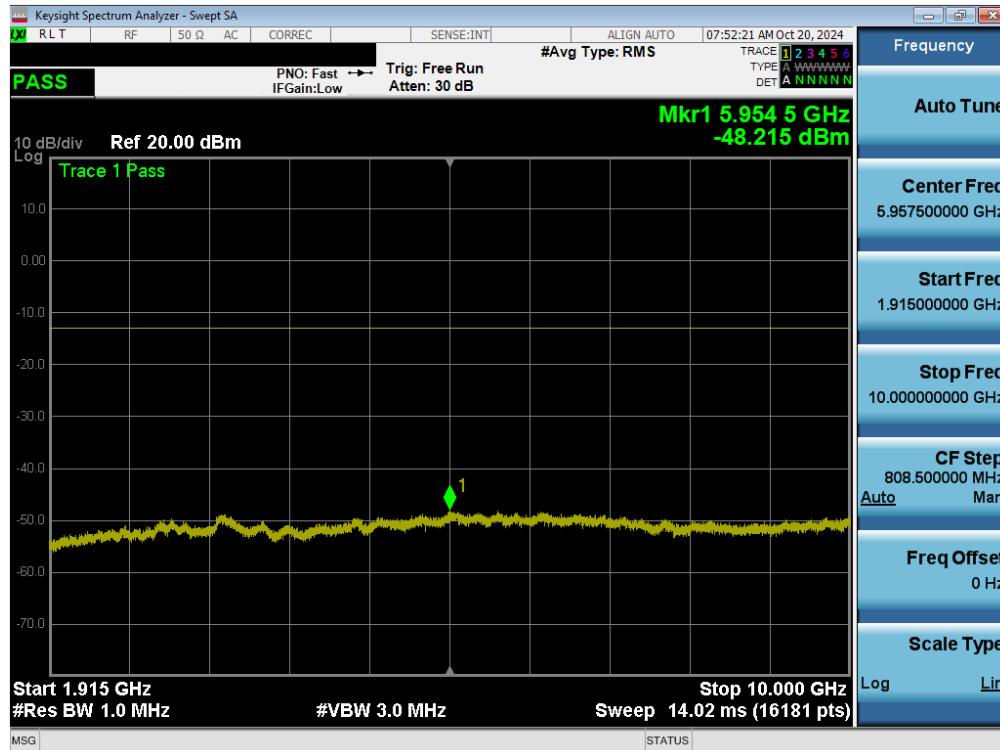


Plot 7-96. Conducted Spurious Plot (LTE Band 25/2 - 20MHz QPSK - 1RB - Low Channel - Ant1)

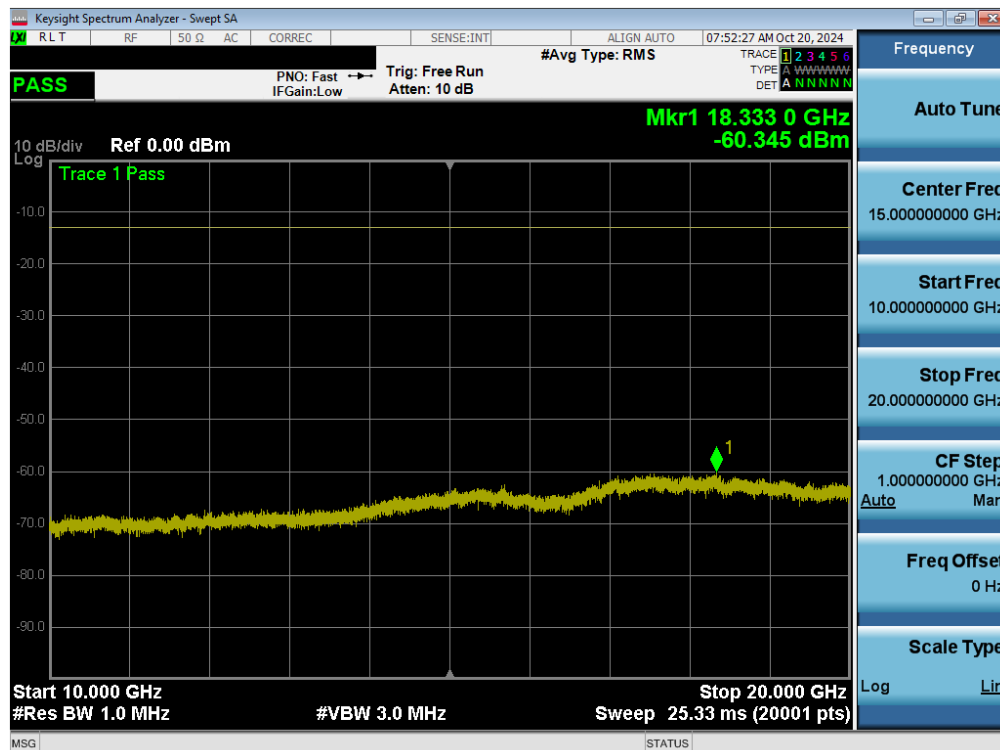


Plot 7-97. Conducted Spurious Plot (LTE Band 25/2 - 20MHz QPSK - 1RB - Mid Channel - Ant1)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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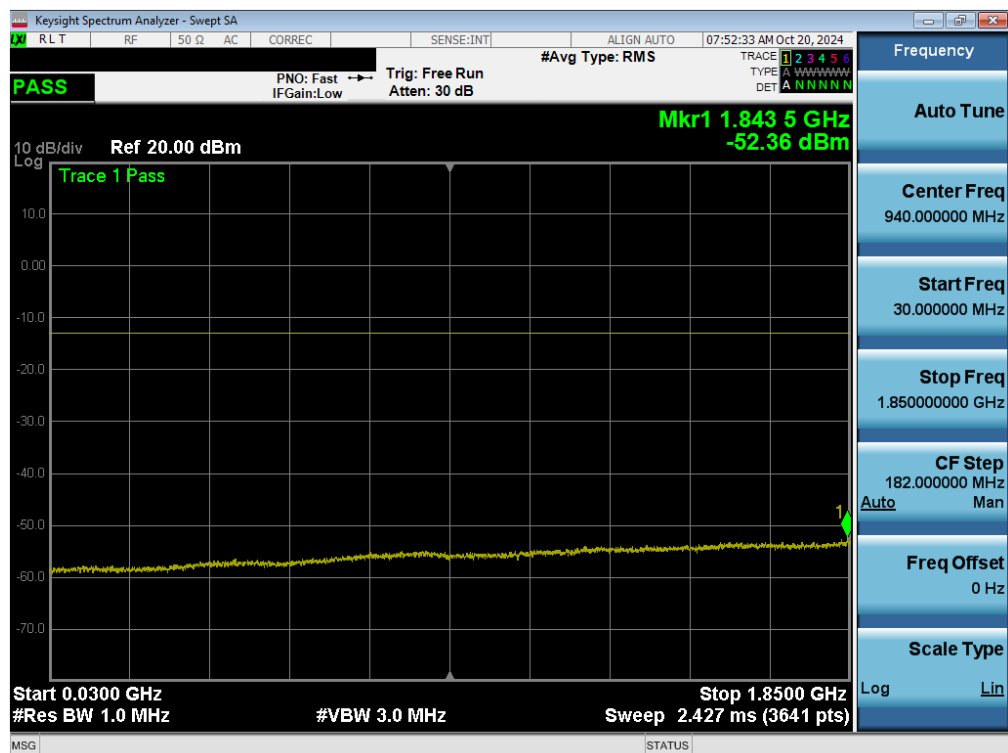


Plot 7-98. Conducted Spurious Plot (LTE Band 25/2 - 20MHz QPSK - 1RB - Mid Channel - Ant1)

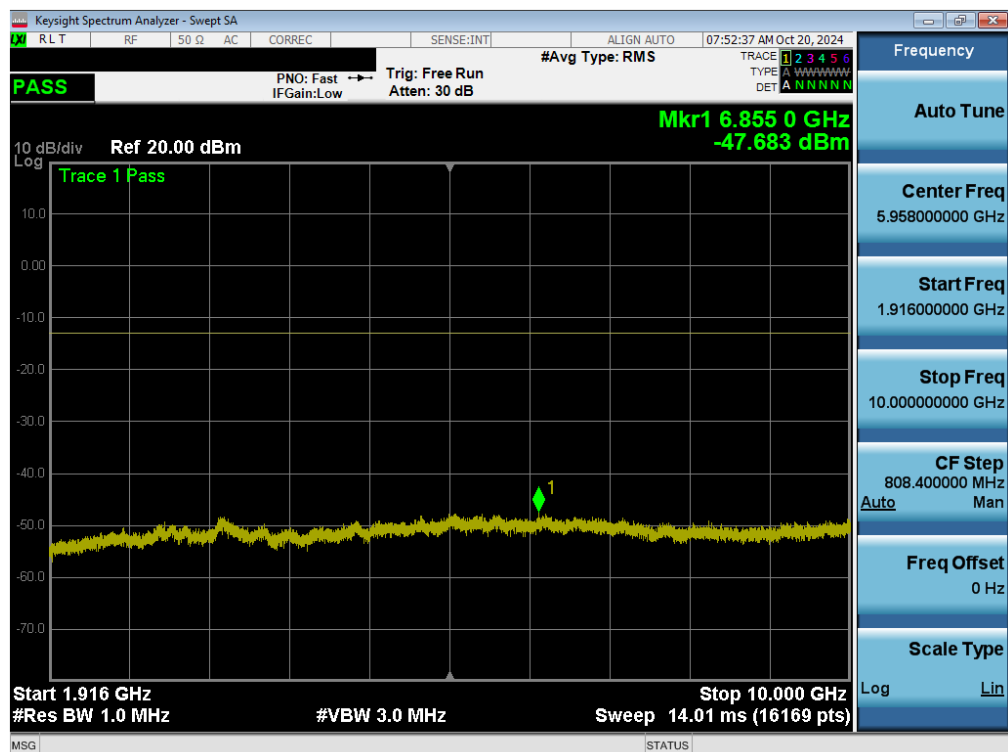


Plot 7-99. Conducted Spurious Plot (LTE Band 25/2 - 20MHz QPSK - 1RB - Mid Channel - Ant1)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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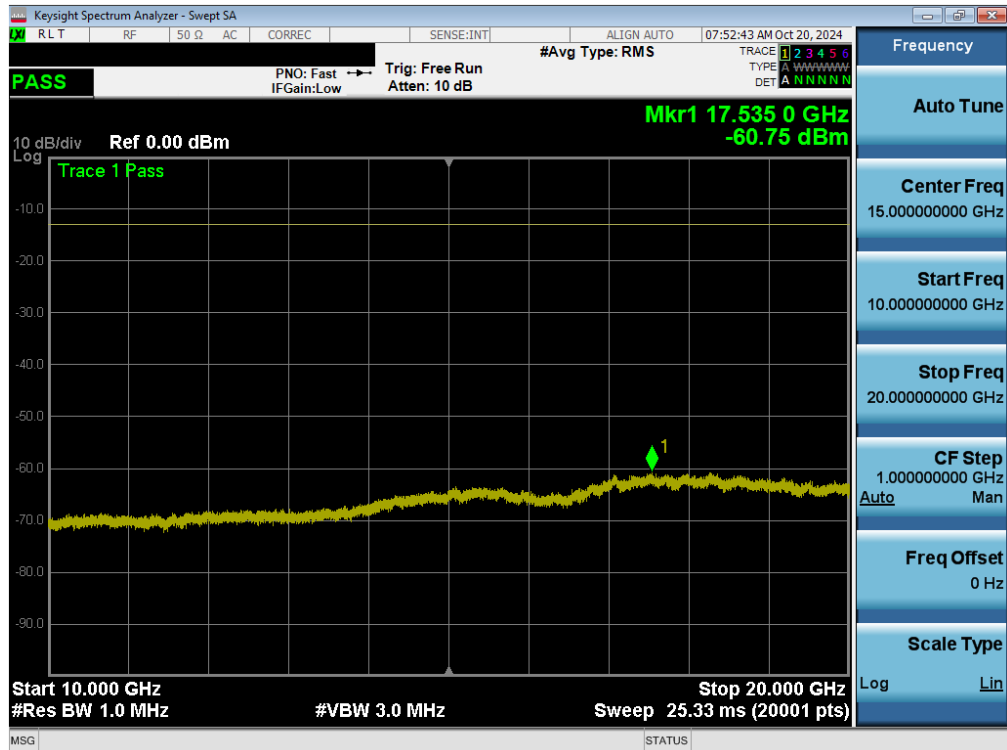


Plot 7-100. Conducted Spurious Plot (LTE Band 25/2 - 20MHz QPSK - 1RB - High Channel - Ant1)



Plot 7-101. Conducted Spurious Plot (LTE Band 25/2 - 20MHz QPSK - 1RB - High Channel - Ant1)

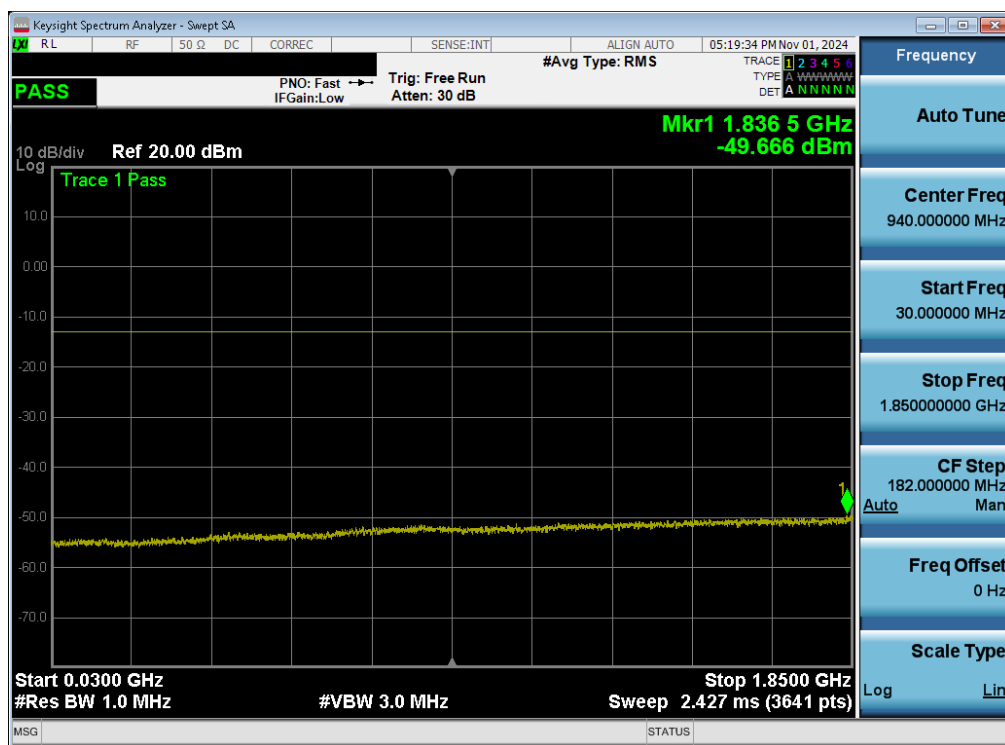
FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260069-05.A3L	Test Dates: 09/06/2024 - 11/08/2024	EUT Type: Portable Handset	Page 71 of 175



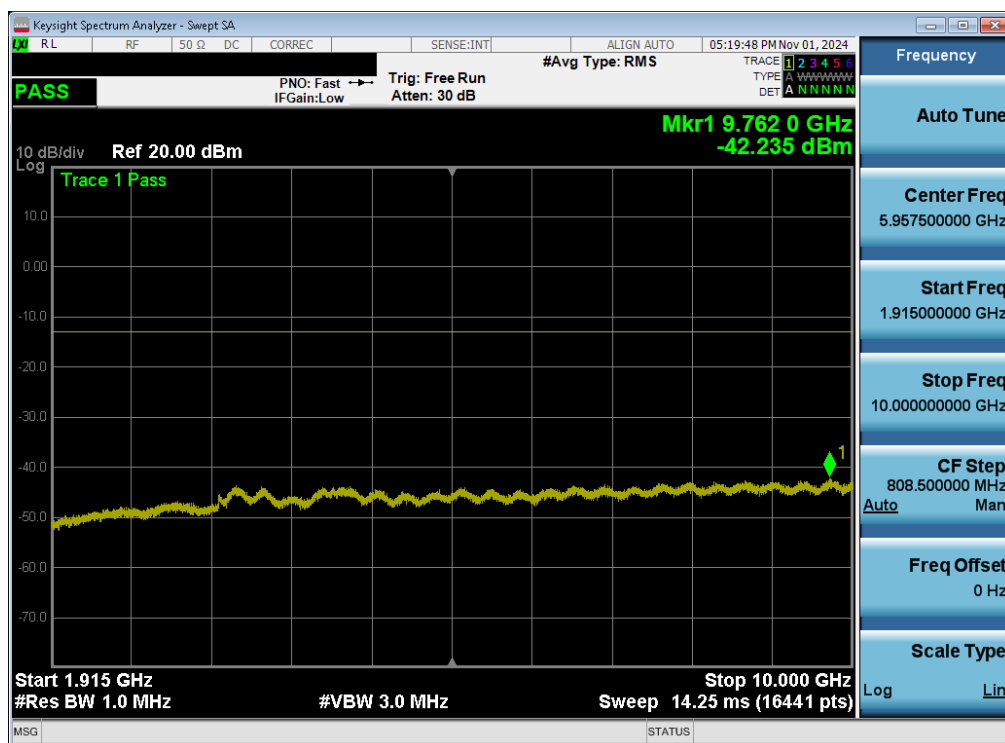
Plot 7-102. Conducted Spurious Plot (LTE Band 25/2 - 20MHz QPSK - 1RB - High Channel - Ant1)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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## NR Band n25/2 – Ant1

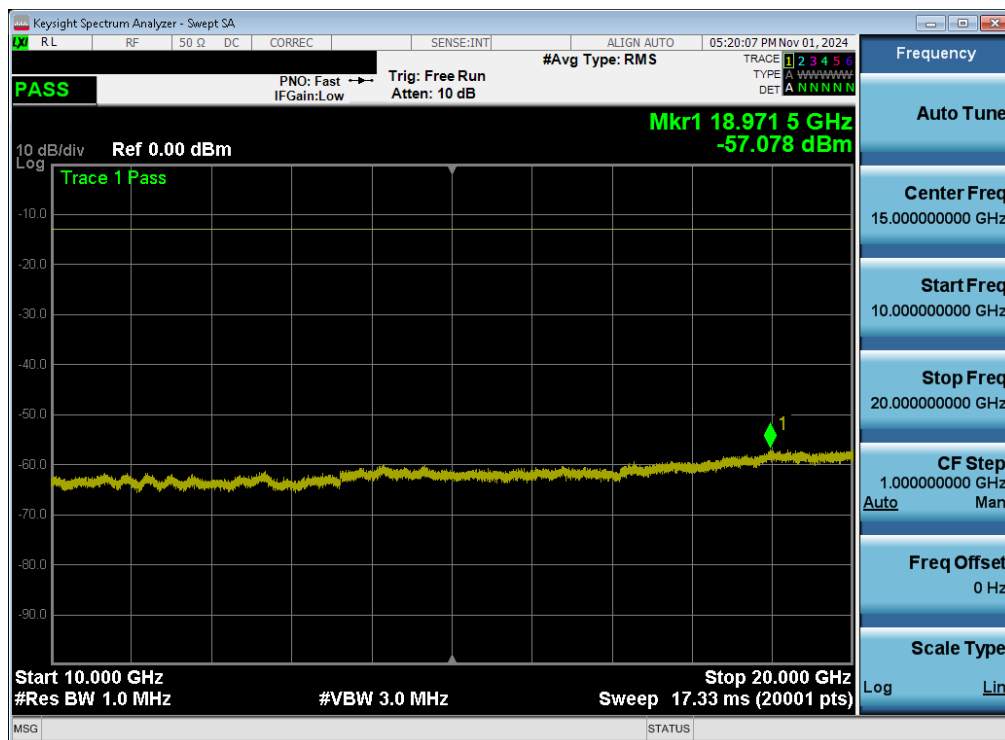


Plot 7-103. Conducted Spurious Plot (NR Band n25/2 -40.0MHz - 1RB - Low Channel - Ant1)

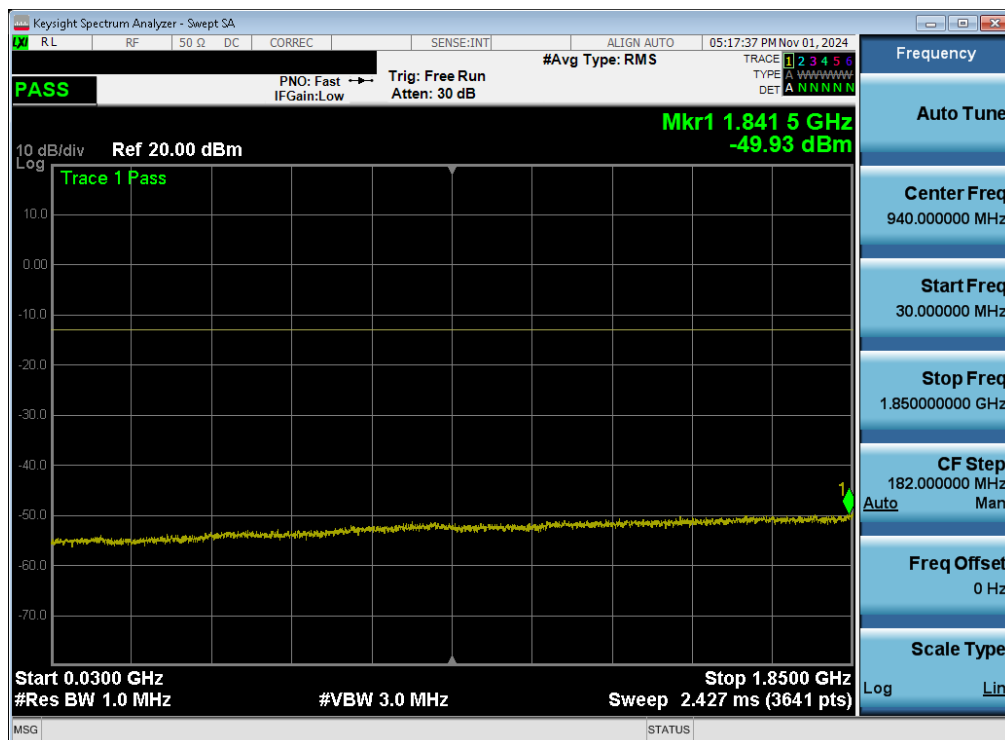


Plot 7-104. Conducted Spurious Plot (NR Band n25/2 - 40.0MHz - 1RB - Low Channel - Ant1)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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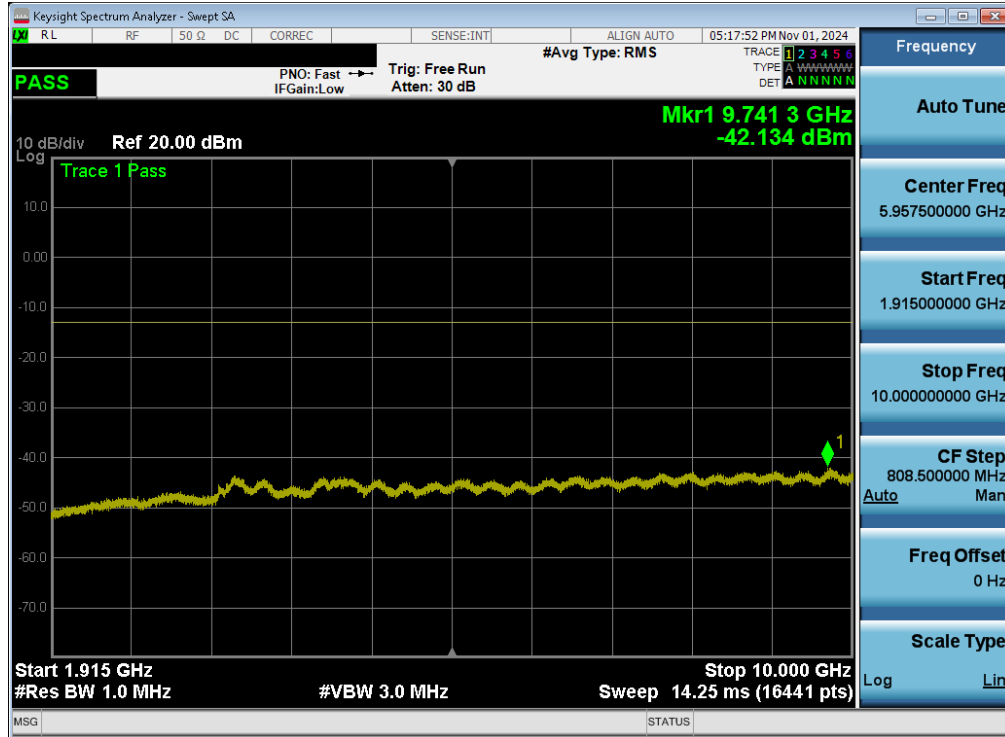


Plot 7-105. Conducted Spurious Plot (NR Band n25/2 - 40.0MHz - 1RB - Low Channel - Ant1)

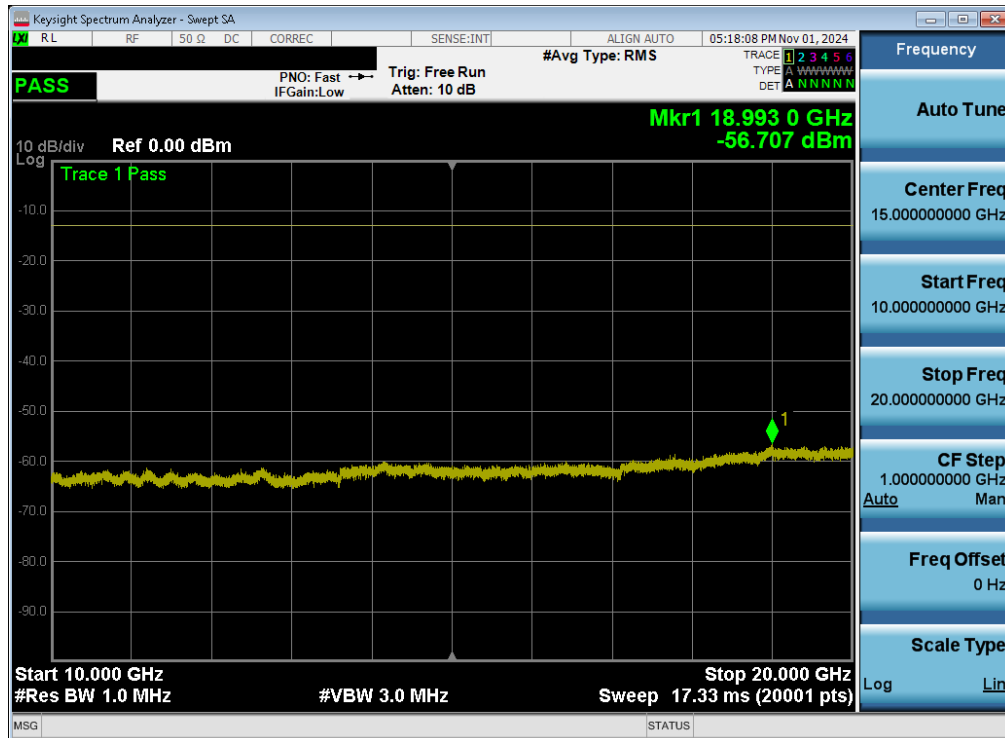


Plot 7-106. Conducted Spurious Plot (NR Band n25/2 - 40.0MHz - 1RB - Mid Channel - Ant1)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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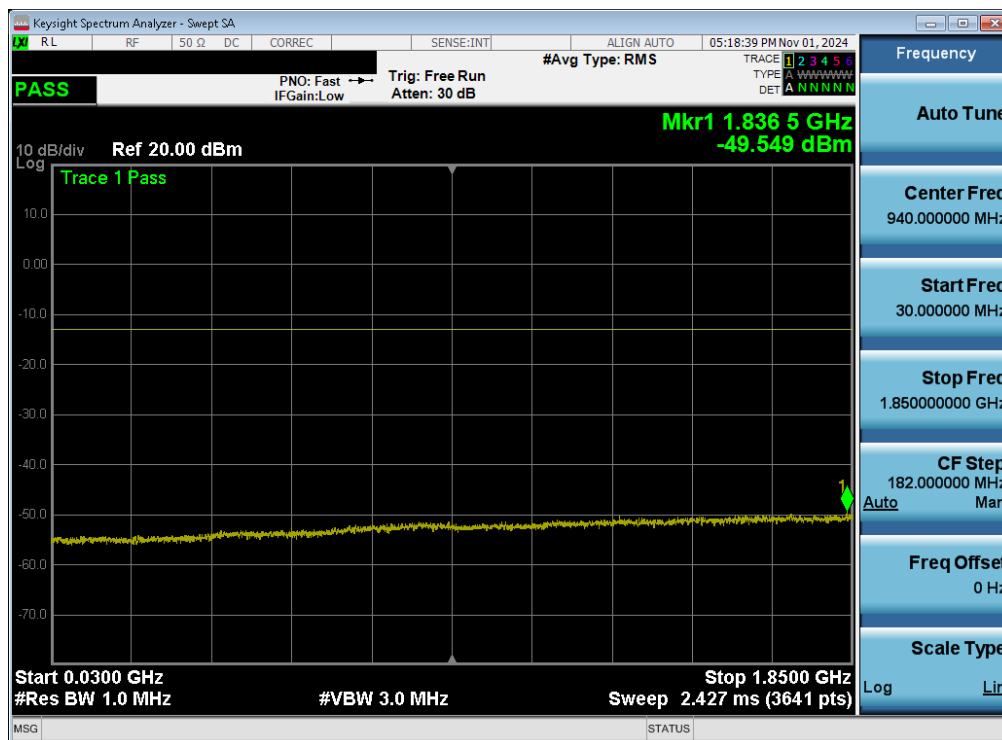


Plot 7-107. Conducted Spurious Plot (NR Band n25/2 - 40.0MHz - 1RB - Mid Channel - Ant1)

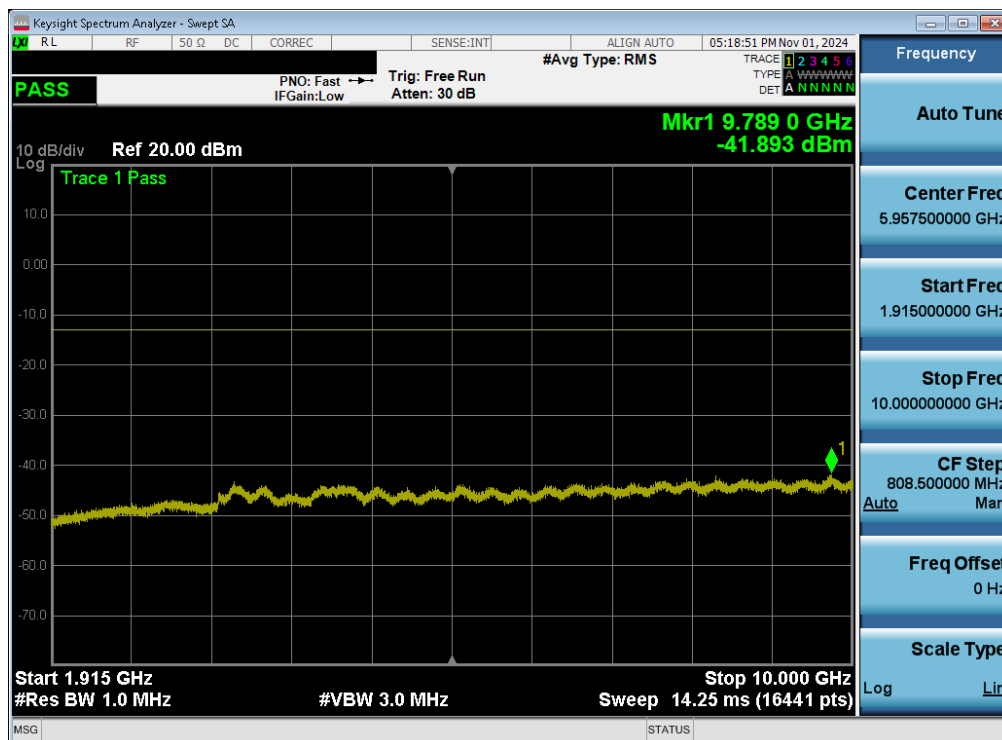


Plot 7-108. Conducted Spurious Plot (NR Band n25/2 - 40.0MHz - 1RB - Mid Channel - Ant1)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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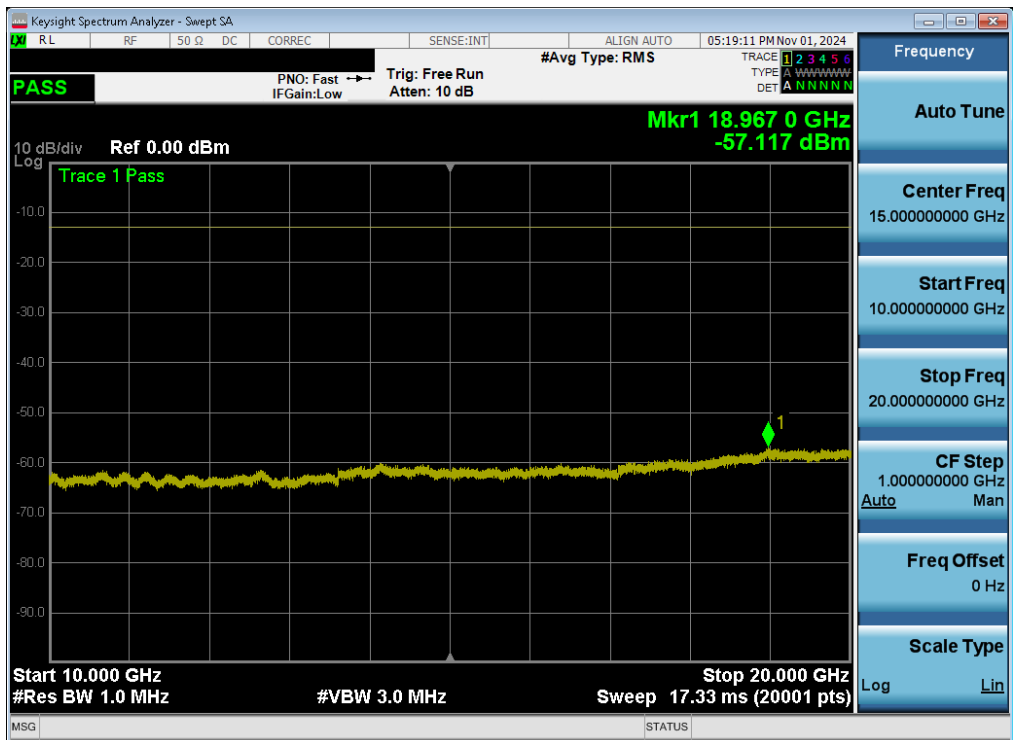
Plot 7-109. Conducted Spurious Plot (NR Band n25/2 - 40.0MHz - 1RB - High Channel - Ant1)



Plot 7-110. Conducted Spurious Plot (NR Band n25/2 - 40.0MHz - 1RB - High Channel - Ant1)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260069-05.A3L	Test Dates: 09/06/2024 - 11/08/2024	EUT Type: Portable Handset	Page 76 of 175

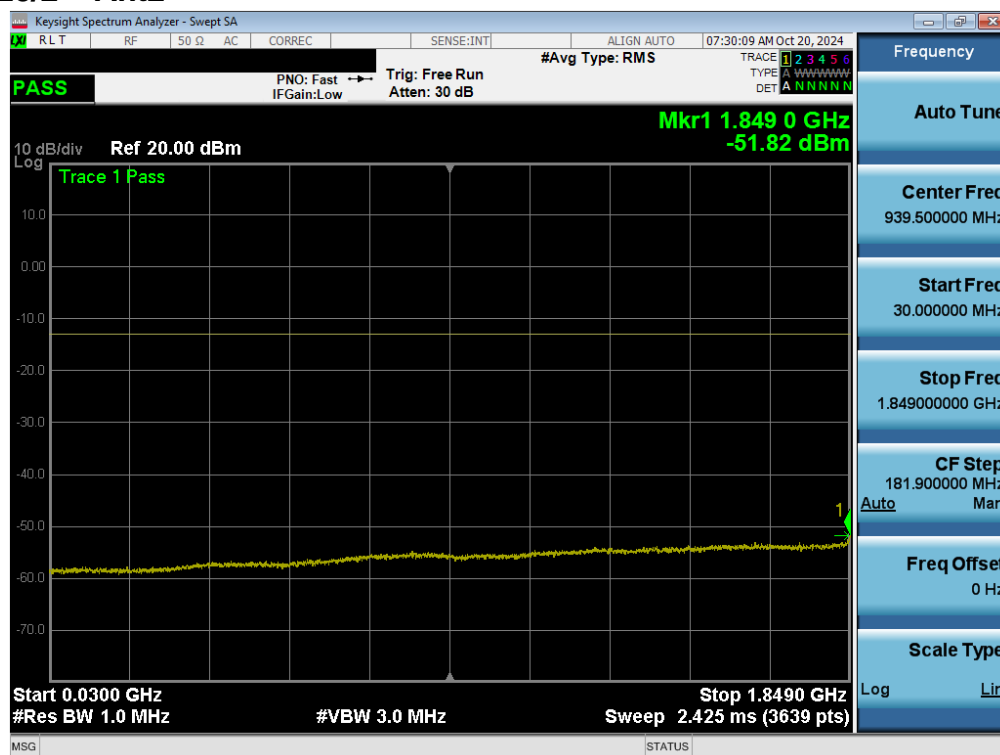




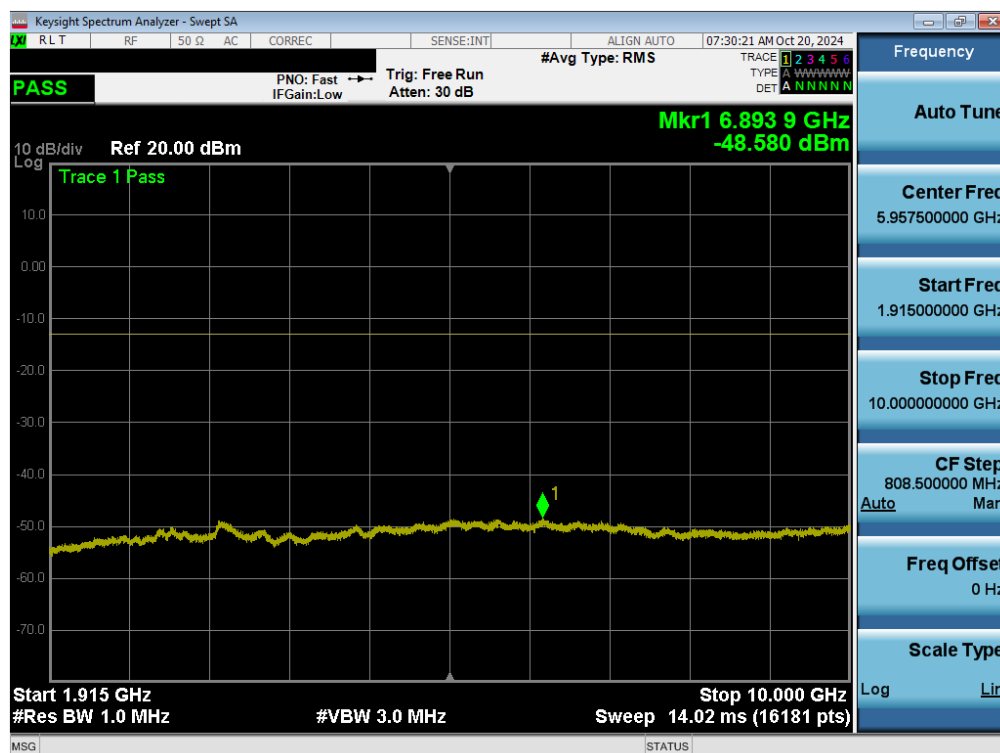
Plot 7-111. Conducted Spurious Plot (NR Band n25/2 - 40.0MHz - 1RB - High Channel - Ant1)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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## LTE Band 25/2 – Ant2

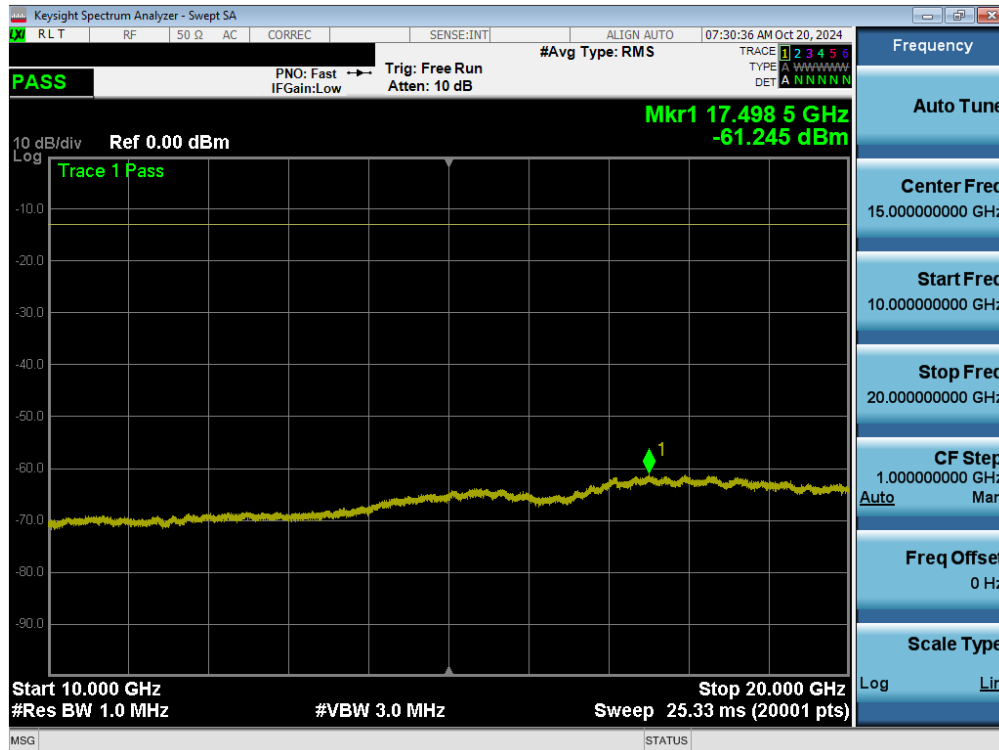


Plot 7-112. Conducted Spurious Plot (LTE Band 25/2 - 20MHz QPSK - 1RB - Low Channel - Ant2)

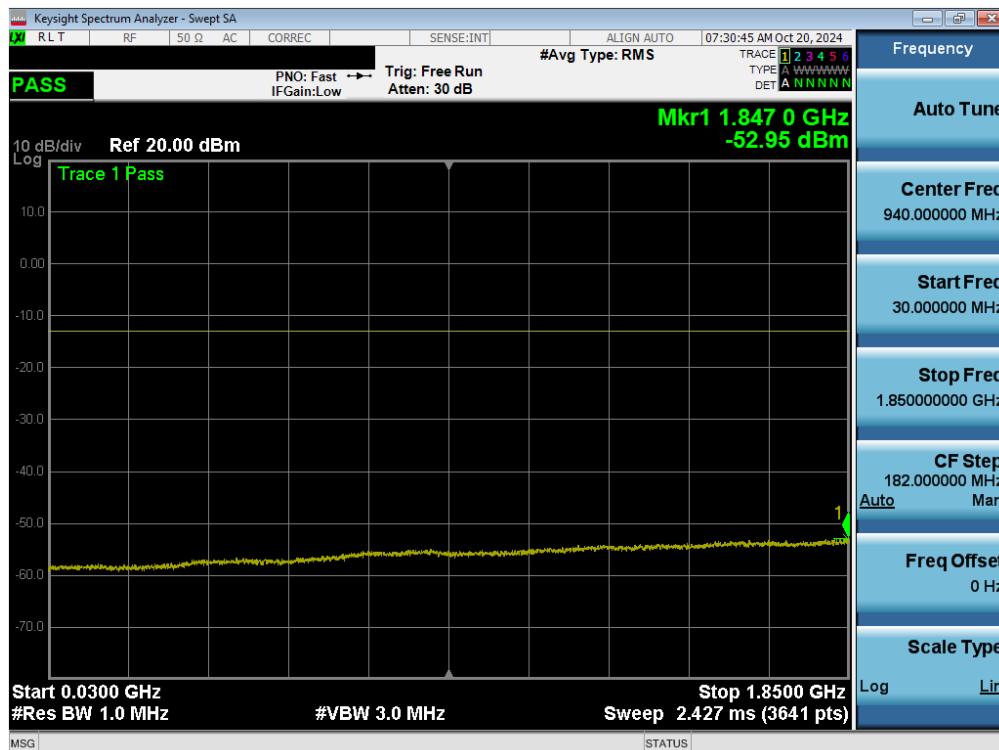


Plot 7-113. Conducted Spurious Plot (LTE Band 25/2 - 20MHz QPSK - 1RB - Low Channel - Ant2)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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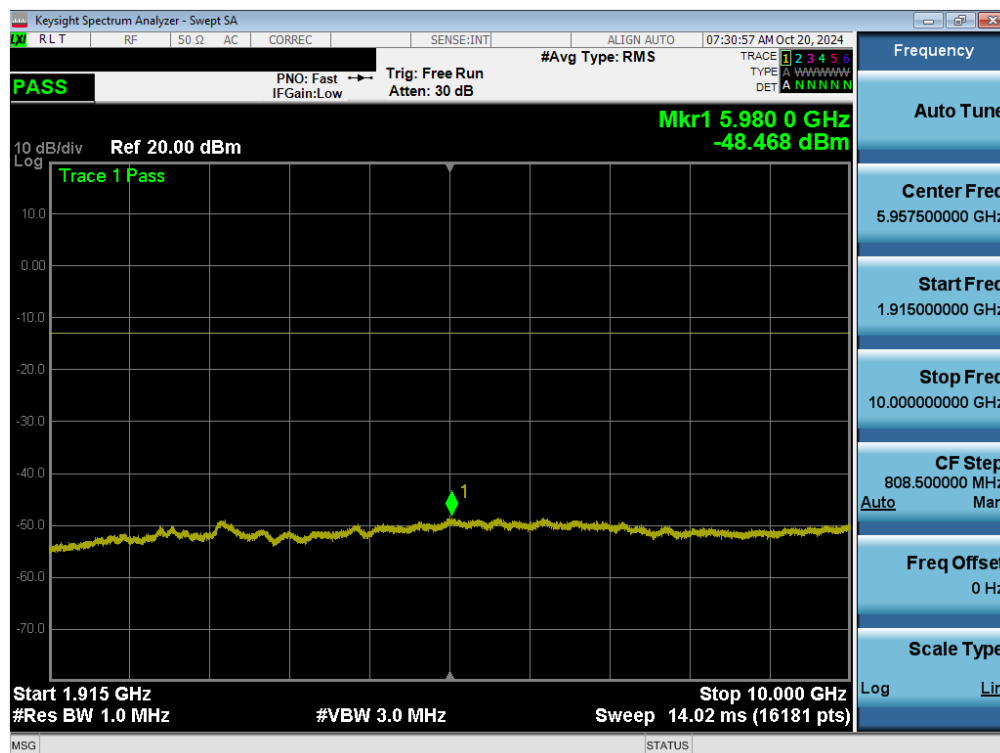


Plot 7-114. Conducted Spurious Plot (LTE Band 25/2 - 20MHz QPSK - 1RB - Low Channel - Ant2)

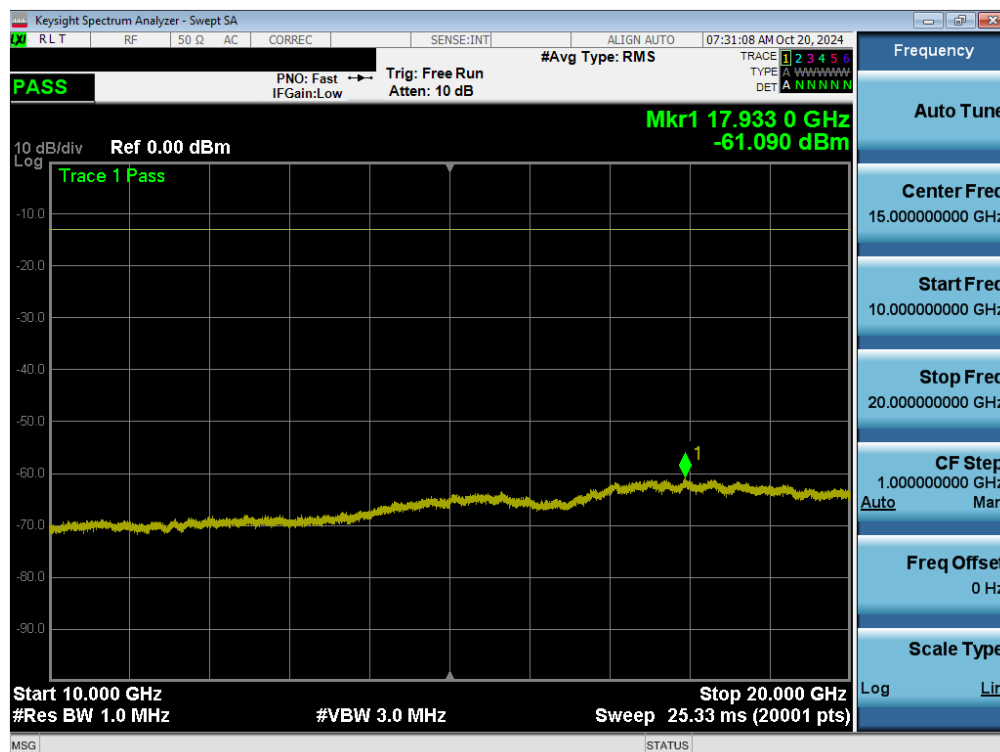


Plot 7-115. Conducted Spurious Plot (LTE Band 25/2 - 20MHz QPSK - 1RB - Mid Channel - Ant2)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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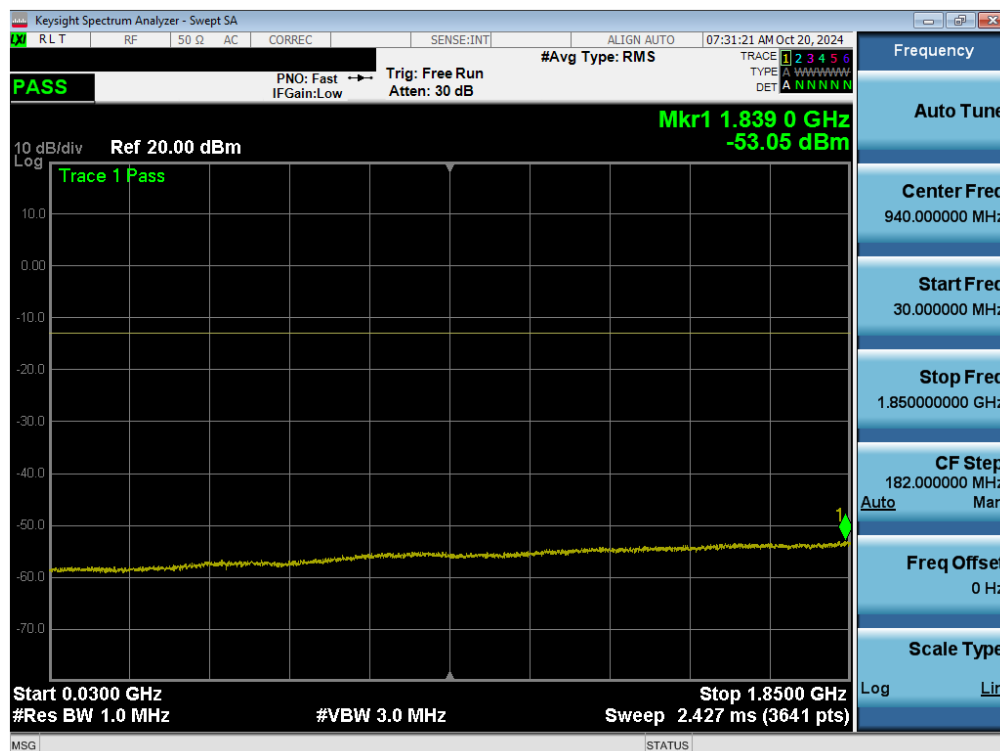


Plot 7-116. Conducted Spurious Plot (LTE Band 25/2 - 20MHz QPSK - 1RB - Mid Channel - Ant2)

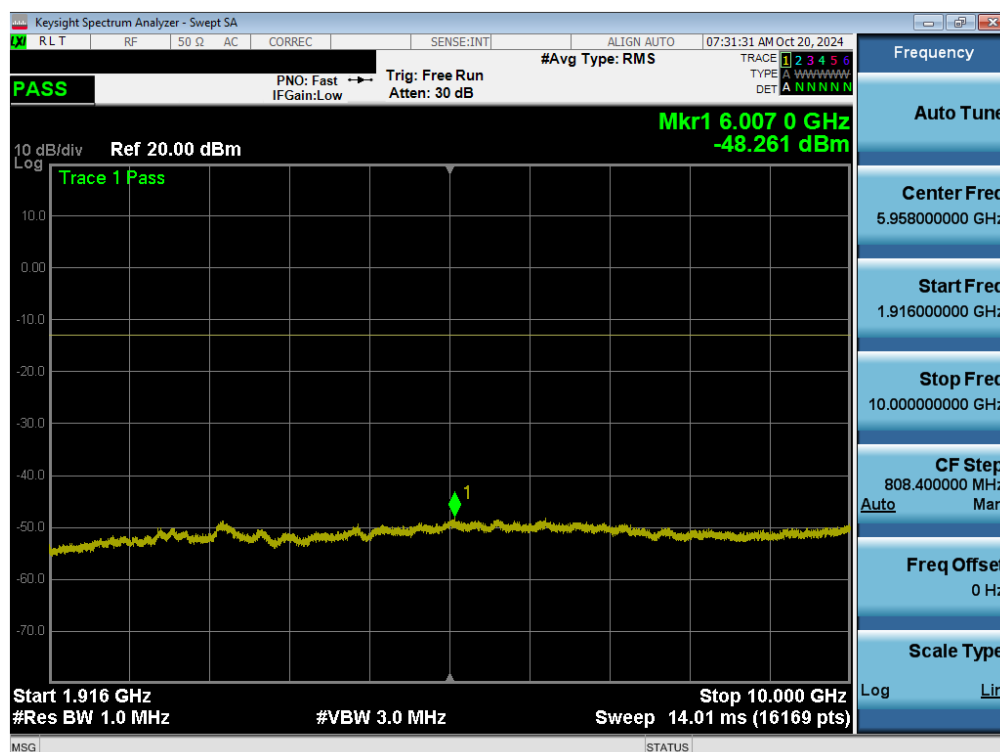


Plot 7-117. Conducted Spurious Plot (LTE Band 25/2 - 20MHz QPSK - 1RB - Mid Channel - Ant2)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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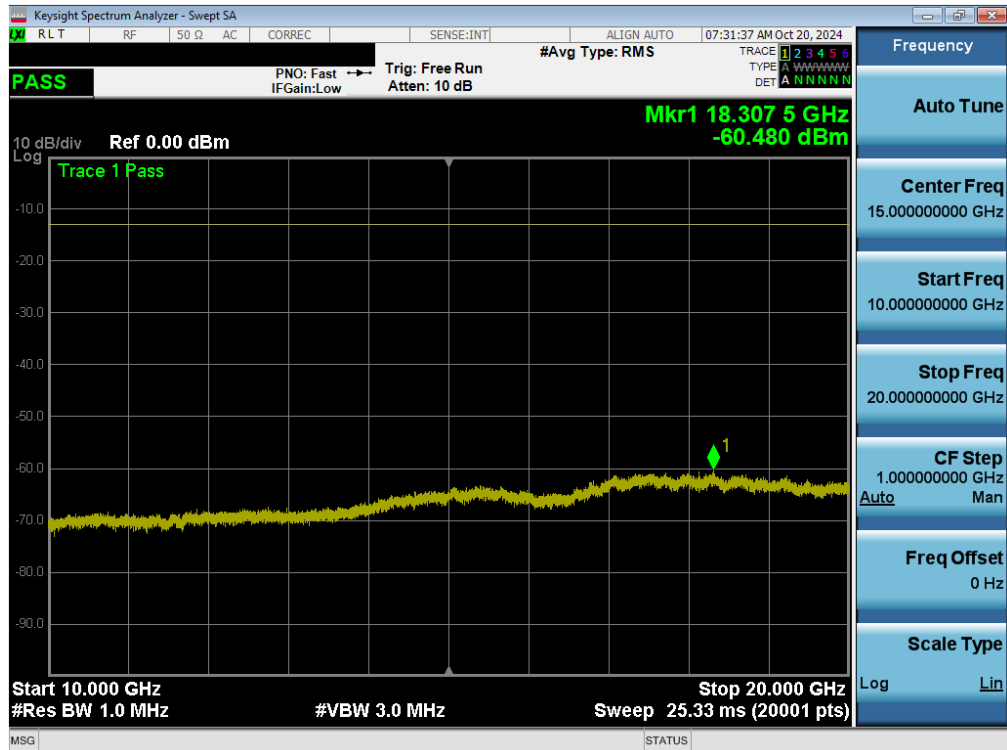


Plot 7-118. Conducted Spurious Plot (LTE Band 25/2 - 20MHz QPSK - 1RB - High Channel - Ant2)



Plot 7-119. Conducted Spurious Plot (LTE Band 25/2 - 20MHz QPSK - 1RB - High Channel - Ant2)

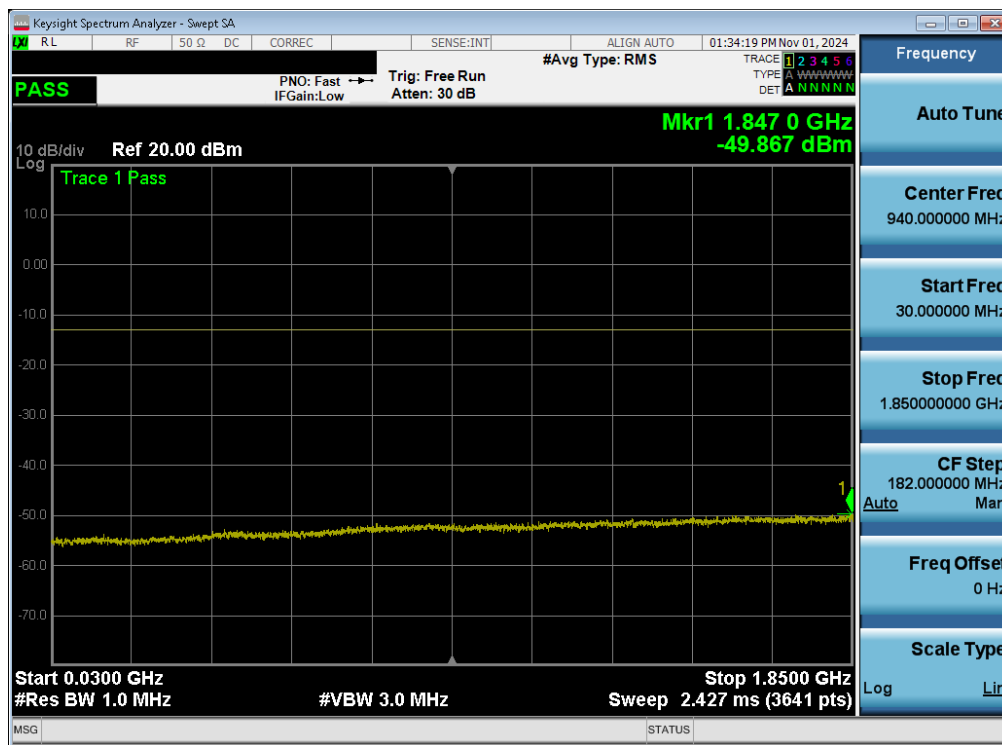
FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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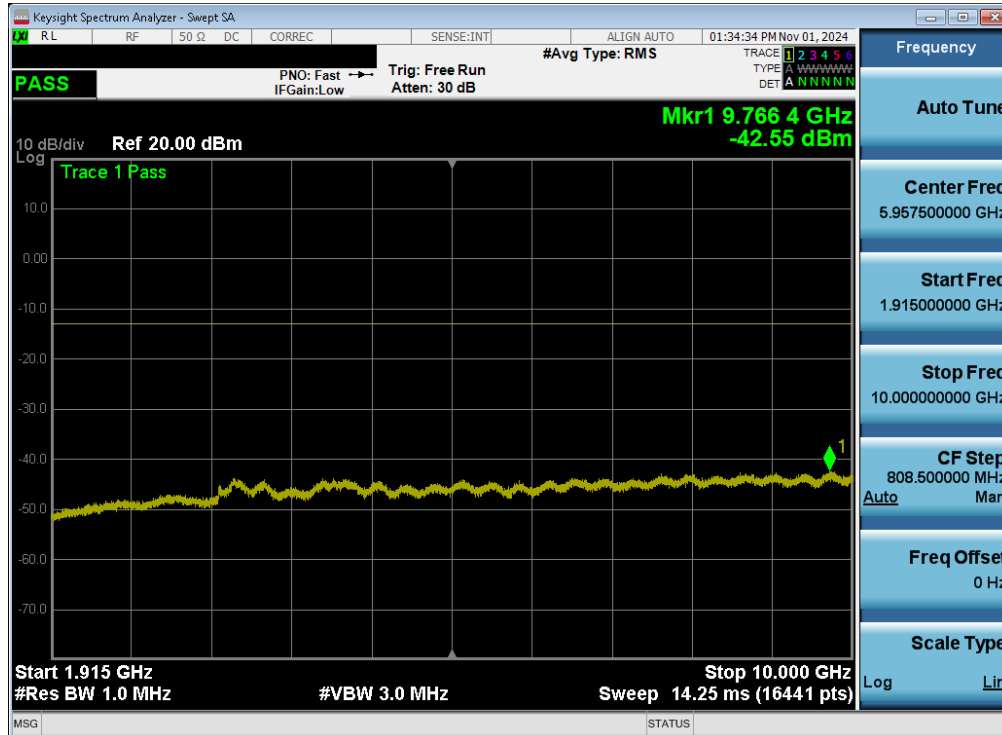
Plot 7-120. Conducted Spurious Plot (LTE Band 25/2 - 20MHz QPSK - 1RB - High Channel - Ant2)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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## NR Band n25/2 – Ant2

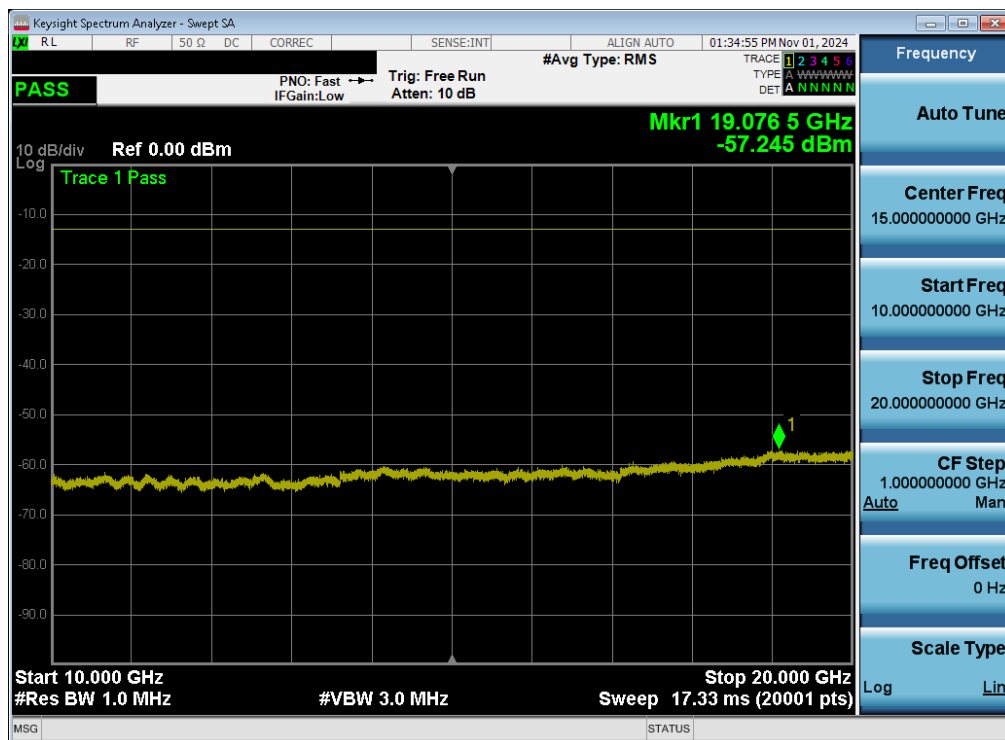


Plot 7-121. Conducted Spurious Plot (NR Band n25/2 -40.0MHz - 1RB - Low Channel - Ant2)

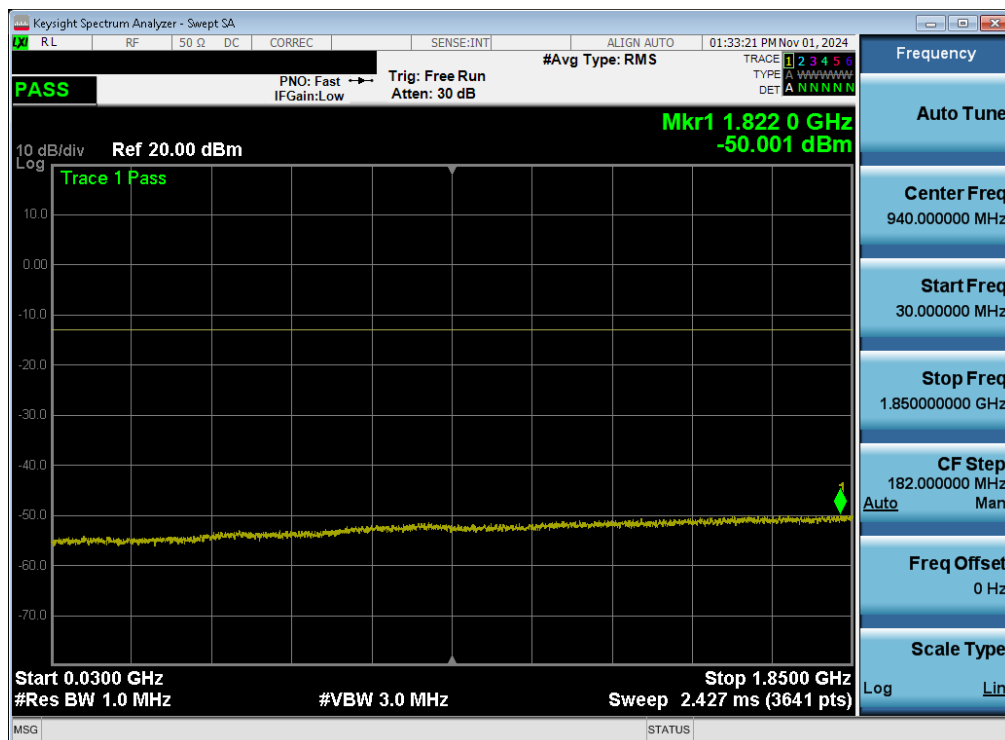


Plot 7-122. Conducted Spurious Plot (NR Band n25/2 - 40.0MHz - 1RB - Low Channel - Ant2)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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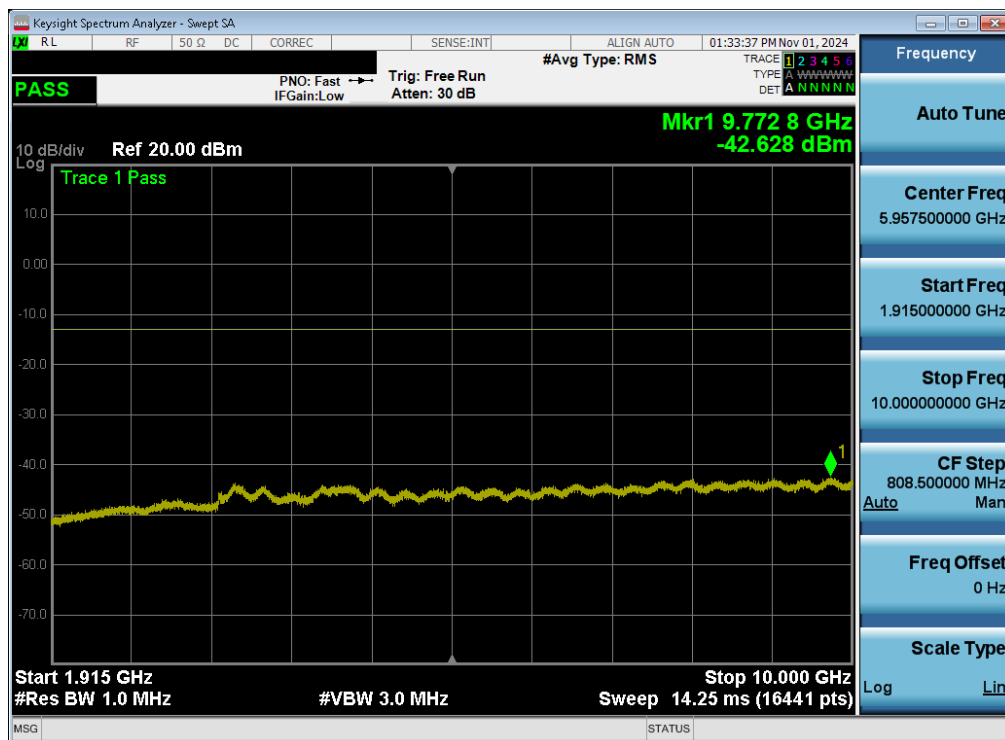
Plot 7-123. Conducted Spurious Plot (NR Band n25/2 - 40.0MHz - 1RB - Low Channel - Ant2)



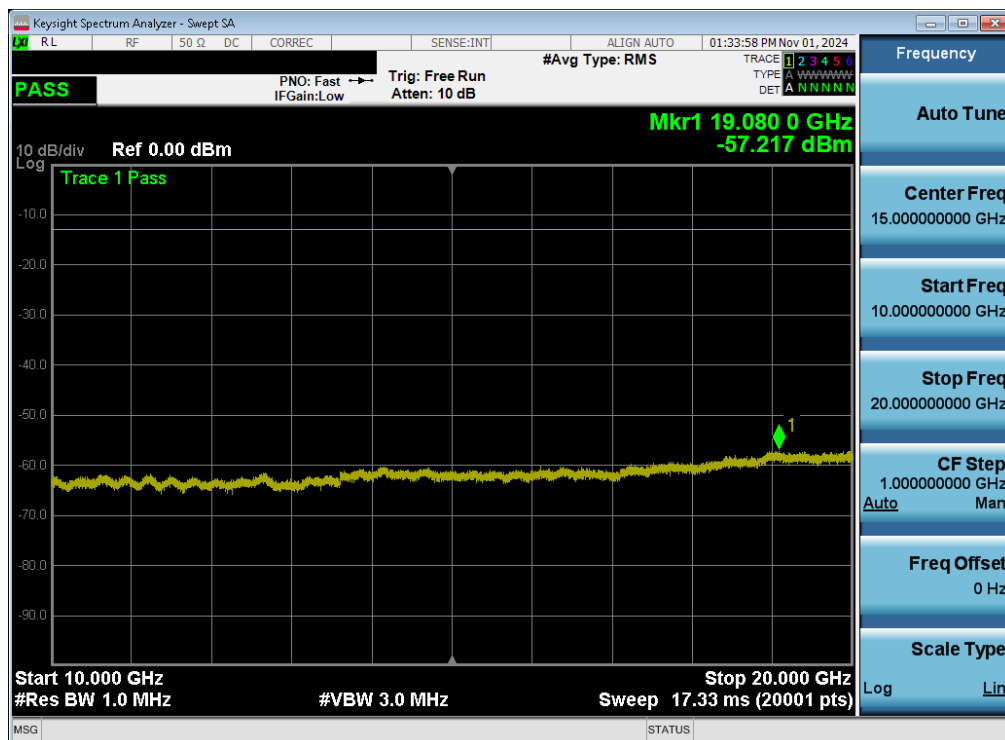
Plot 7-124. Conducted Spurious Plot (NR Band n25/2 - 40.0MHz - 1RB - Mid Channel - Ant2)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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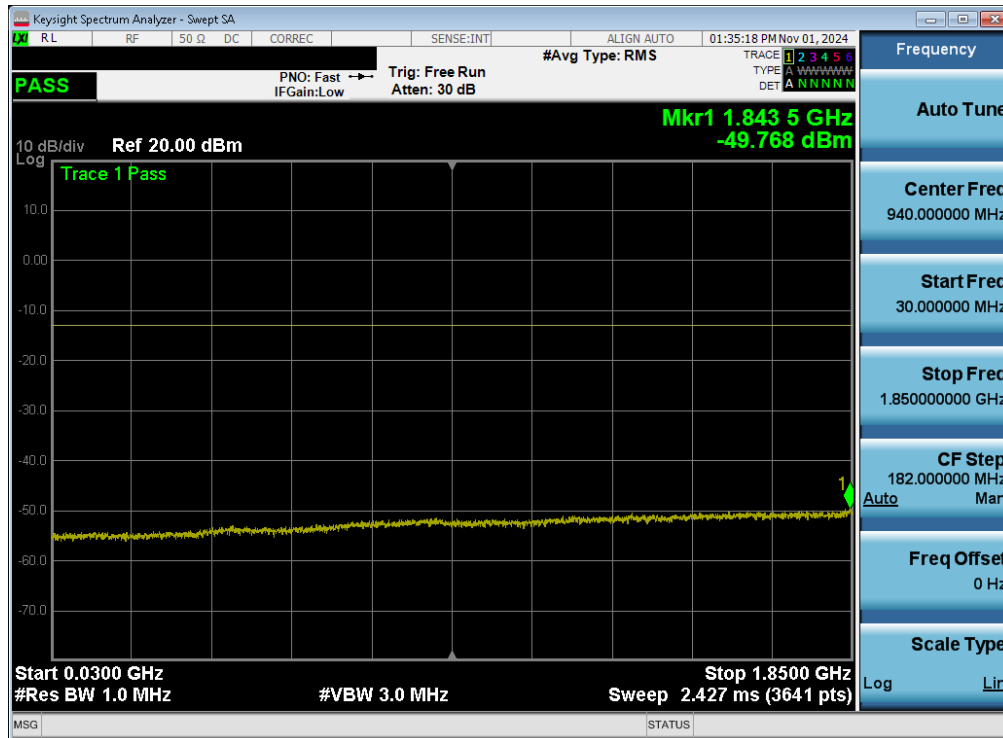


Plot 7-125. Conducted Spurious Plot (NR Band n25/2 - 40.0MHz - 1RB - Mid Channel - Ant2)

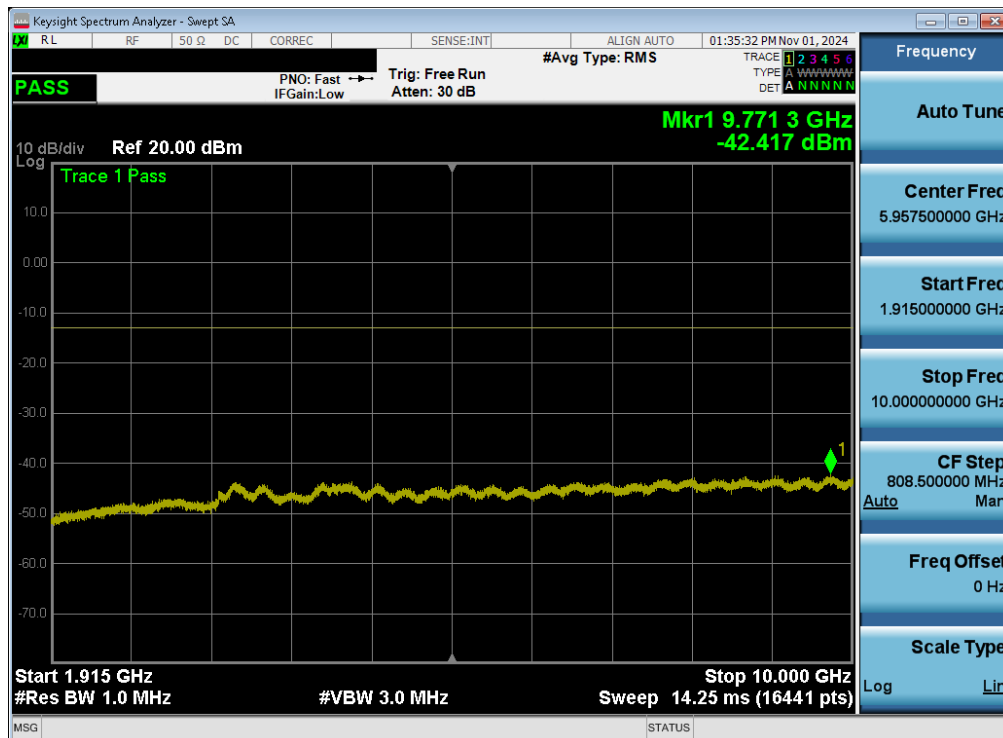


Plot 7-126. Conducted Spurious Plot (NR Band n25/2 - 40.0MHz - 1RB - Mid Channel - Ant2)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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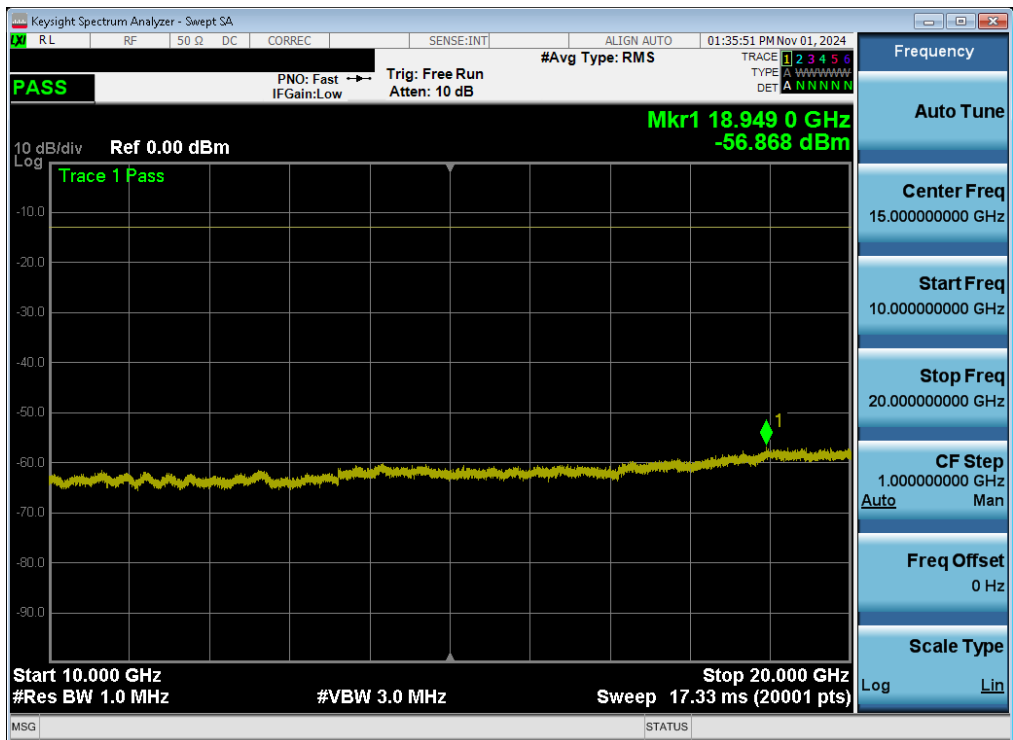


Plot 7-127. Conducted Spurious Plot (NR Band n25/2 - 40.0MHz - 1RB - High Channel - Ant2)



Plot 7-128. Conducted Spurious Plot (NR Band n25/2 - 40.0MHz - 1RB - High Channel - Ant2)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-129. Conducted Spurious Plot (NR Band n25/2 - 40.0MHz - 1RB - High Channel - Ant2)

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## 7.5 Band Edge Emissions at Antenna Terminal

### 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.

***The minimum permissible attenuation level of any spurious emission is  $43 + 10 \log_{10}(P_{\text{Watts}})$ , where  $P$  is the transmitter power in Watts.***

### Test Procedure Used

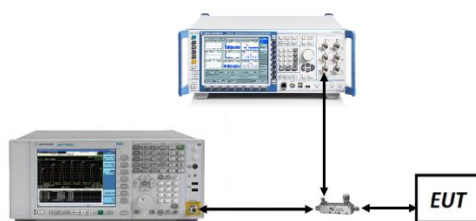
ANSI C63.26-2015 – Section 5.7.3

### 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**

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**Test Notes**

1. Per 24.238(b) and RSS-133(6.5), 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 to demonstrate compliance with the out-of-band emissions limit. 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. 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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Mode	Bandwidth	Channel	Test Case	Level [dBm]	Limit [dBm]	Margin [dB]
GSM-PCS	250kHz	Low	Band Edge	-18.24	-13	-5.24
		High	Band Edge	-17.94	-13	-4.94
WCDMA-PCS	5MHz	Low	Band Edge	-23.00	-13	-10.00
		High	Band Edge	-22.25	-13	-9.25
LTE-B25-2	20MHz	Low	Band Edge	-32.57	-13	-19.56
		Low	Extended	-28.25	-13	-15.24
		High [B2]	Band Edge	-33.72	-13	-20.72
		High [B25]	Band Edge	-33.80	-13	-20.80
		High [B2]	Extended	-29.52	-13	-16.52
		High [B25]	Extended	-29.24	-13	-16.24
	15MHz	Low	Band Edge	-32.94	-13	-19.94
		Low	Extended	-26.48	-13	-13.48
		High [B2]	Band Edge	-32.80	-13	-19.80
		High [B25]	Band Edge	-31.46	-13	-18.46
		High [B2]	Extended	-27.57	-13	-14.57
		High [B25]	Extended	-26.87	-13	-13.87
	10MHz	Low	Band Edge	-31.75	-13	-18.75
		Low	Extended	-24.15	-13	-11.15
		High [B2]	Band Edge	-31.38	-13	-18.38
		High [B25]	Band Edge	-32.54	-13	-19.54
		High [B2]	Extended	-24.89	-13	-11.89
		High [B25]	Extended	-24.37	-13	-11.37
	5MHz	Low	Band Edge	-27.90	-13	-14.90
		Low	Extended	-28.27	-13	-15.27
		High [B2]	Band Edge	-26.18	-13	-13.18
		High [B25]	Band Edge	-27.12	-13	-14.12
		High [B2]	Extended	-30.99	-13	-17.99
		High [B25]	Extended	-26.06	-13	-13.06
	3MHz	Low	Band Edge	-25.85	-13	-12.85
		Low	Extended	-27.54	-13	-14.54
		High [B2]	Band Edge	-26.86	-13	-13.86
		High [B25]	Band Edge	-25.24	-13	-12.24
		High [B2]	Extended	-30.71	-13	-17.71
		High [B25]	Extended	-24.12	-13	-11.12
	1.4MHz	Low	Band Edge	-25.13	-13	-12.13
		Low	Extended	-34.27	-13	-21.27
		High [B2]	Band Edge	-24.73	-13	-11.73
		High [B25]	Band Edge	-24.28	-13	-11.28
		High [B2]	Extended	-33.81	-13	-20.81
		High [B25]	Extended	-29.90	-13	-16.90

**Table 7-8. Conducted Band Edge Test Results – Ant1**

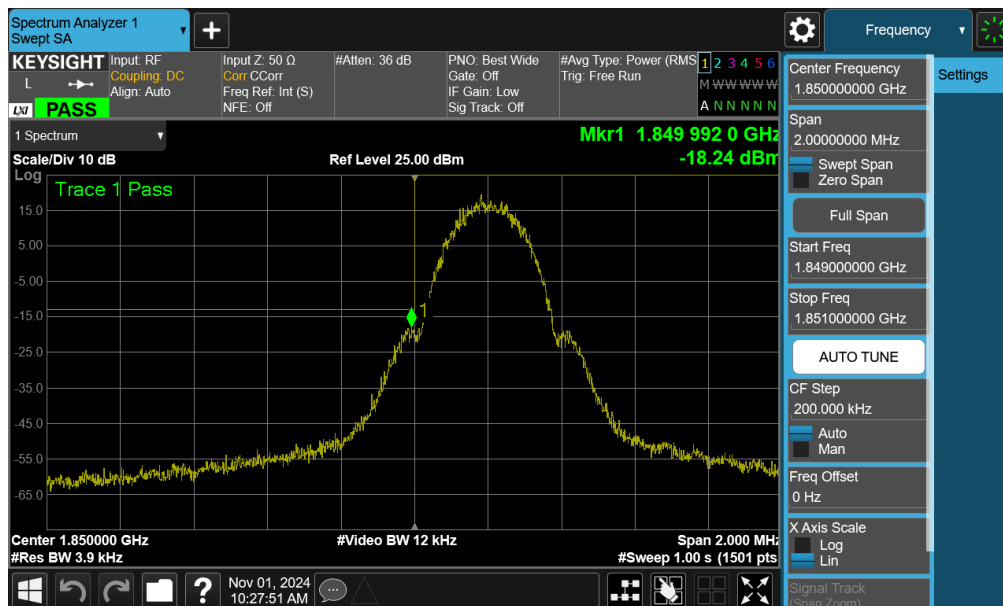
<b>FCC ID:</b> A3LSMS938B	<b>PART 24 MEASUREMENT REPORT</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2408260069-05.A3L	<b>Test Dates:</b> 09/06/2024 - 11/08/2024	<b>EUT Type:</b> Portable Handset	Page 90 of 175

Mode	Bandwidth	Channel	Test Case	Level [dBm]	Limit [dBm]	Margin [dB]
NR-n25-2	40MHz	Low	Band Edge	-26.88	-13	-13.88
		Low	Extended	-27.12	-13	-14.12
		High [n25]	Band Edge	-28.62	-13	-15.62
		High [n25]	Extended	-29.83	-13	-16.83
	35MHz	Low	Band Edge	-29.23	-13	-16.23
		Low	Extended	-26.22	-13	-13.22
		High [n25]	Band Edge	-30.89	-13	-17.89
		High [n25]	Extended	-29.15	-13	-16.15
	30MHz	Low	Band Edge	-29.32	-13	-16.32
		Low	Extended	-26.10	-13	-13.10
		High [n25]	Band Edge	-32.15	-13	-19.15
		High [n25]	Extended	-28.49	-13	-15.49
	25MHz	Low	Band Edge	-28.87	-13	-15.87
		Low	Extended	-24.05	-13	-11.05
		High [n25]	Band Edge	-32.09	-13	-19.09
		High [n25]	Extended	-27.29	-13	-14.29
	20MHz	Low	Band Edge	-28.13	-13	-15.13
		Low	Extended	-23.46	-13	-10.46
		High [n2]	Band Edge	-31.15	-13	-18.15
		High [n25]	Band Edge	-31.87	-13	-18.87
		High [n2]	Extended	-25.36	-13	-12.36
		High [n25]	Extended	-26.28	-13	-13.28
	15MHz	Low	Band Edge	-27.21	-13	-14.20
		Low	Extended	-21.33	-13	-8.33
		High [n2]	Band Edge	-30.15	-13	-17.15
		High [n25]	Band Edge	-31.83	-13	-18.83
		High [n2]	Extended	-23.19	-13	-10.19
		High [n25]	Extended	-24.65	-13	-11.65
	10MHz	Low	Band Edge	-25.05	-10	-14.76
		Low	Extended	-18.24	-13	-5.16
		High [n2]	Band Edge	-28.68	-16	-12.82
		High [n25]	Band Edge	-25.03	-8	-16.80
		High [n2]	Extended	-19.74	-12	-7.39
		High [n25]	Extended	-21.41	-13	-8.41
	5MHz	Low	Band Edge	-25.18	-13	-12.18
		Low	Extended	-22.58	-13	-9.58
		High [n2]	Band Edge	-25.85	-13	-12.85
		High [n25]	Band Edge	-24.37	-13	-11.37
		High [n2]	Extended	-14.28	-13	-1.28
		High [n25]	Extended	-25.73	-13	-12.73

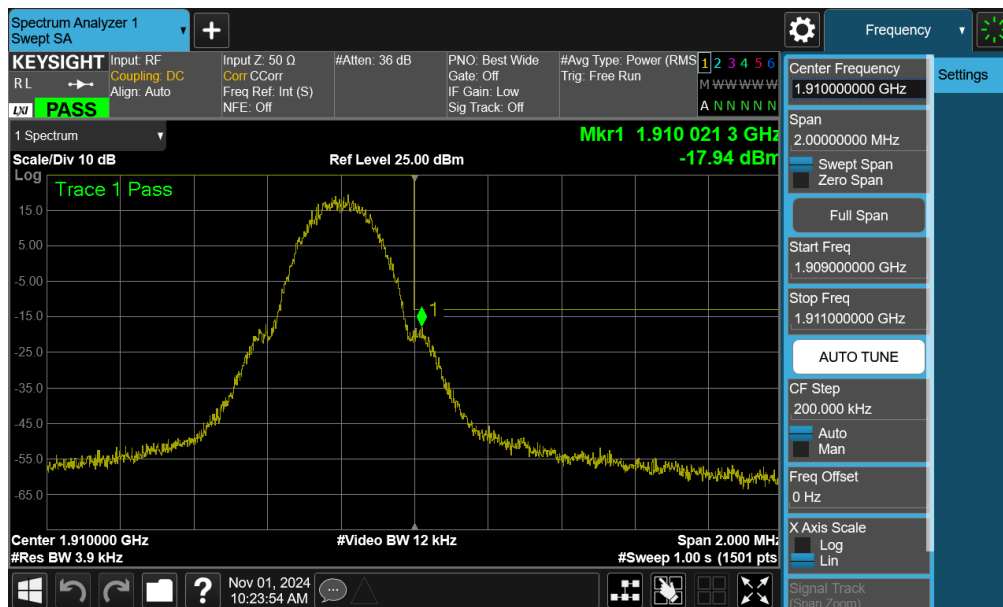
**Table 7-9. Conducted Band Edge Test Results – Ant1**

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260069-05.A3L	Test Dates: 09/06/2024 - 11/08/2024	EUT Type: Portable Handset	Page 91 of 175

## GSM/GPRS PCS – Ant1



Plot 7-130. Lower Band Edge Plot (GPRS PCS – Ch. 512 - Ant1)

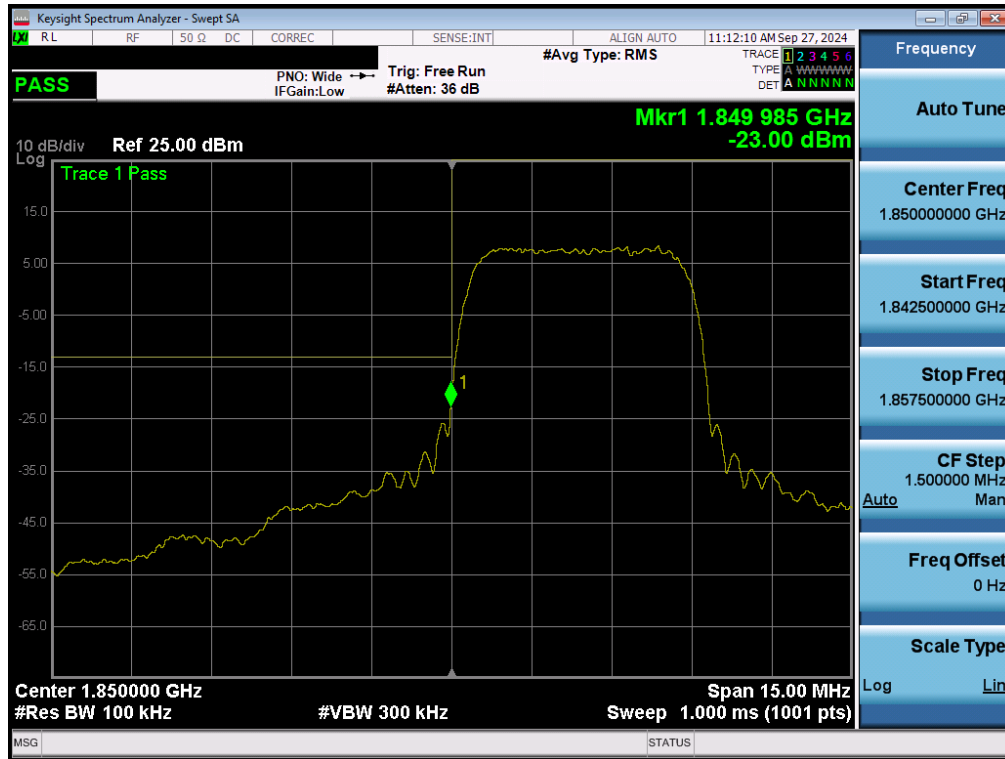


Plot 7-131. Upper Band Edge Plot (GPRS PCS – Ch. 810 - Ant1)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260069-05.A3L	Test Dates: 09/06/2024 - 11/08/2024	EUT Type: Portable Handset	Page 92 of 175



## WCDMA PCS – Ant1



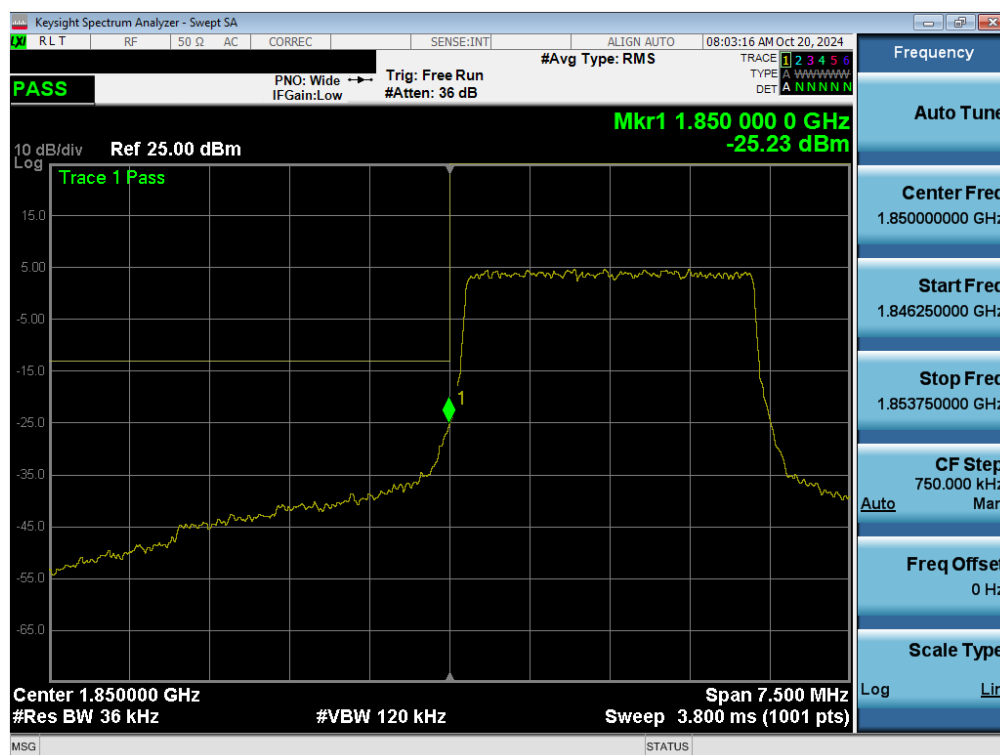
Plot 7-132. Lower Band Edge Plot (WCDMA PCS – Ch. 9262 - Ant1)



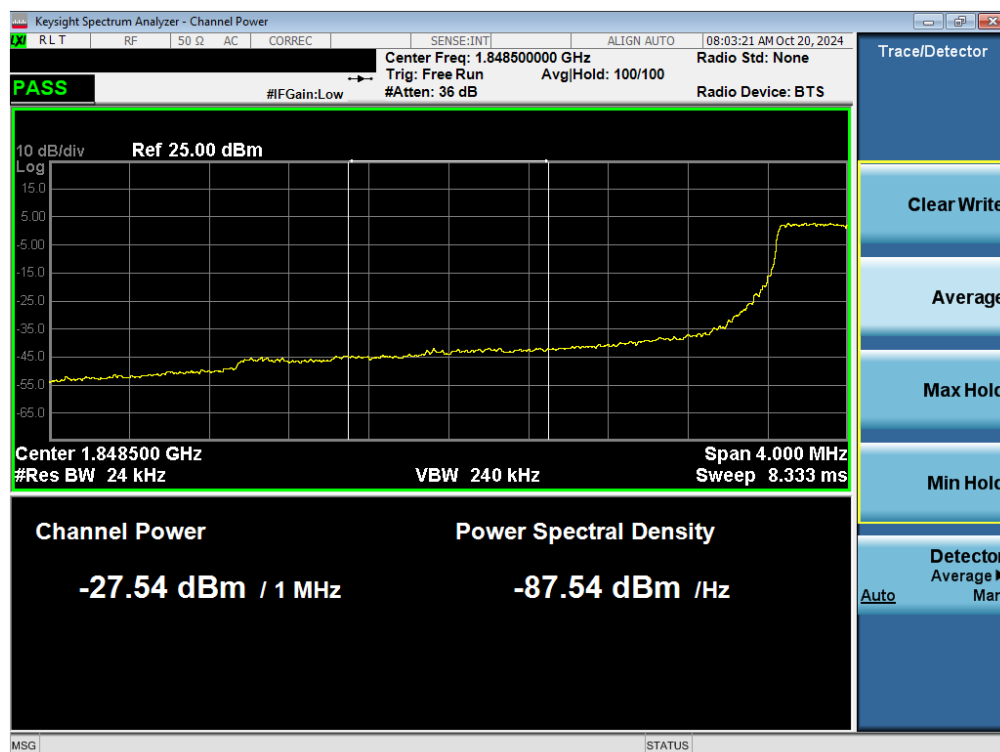
Plot 7-133. Upper Band Edge Plot (WCDMA PCS – Ch. 9538 - Ant1)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260069-05.A3L	Test Dates: 09/06/2024 - 11/08/2024	EUT Type: Portable Handset	Page 93 of 175

## LTE Band 25/2 – Ant1



Plot 7-134. Lower Band Edge Plot (LTE Band 25/2 - 3MHz QPSK – Full RB - Ant1)

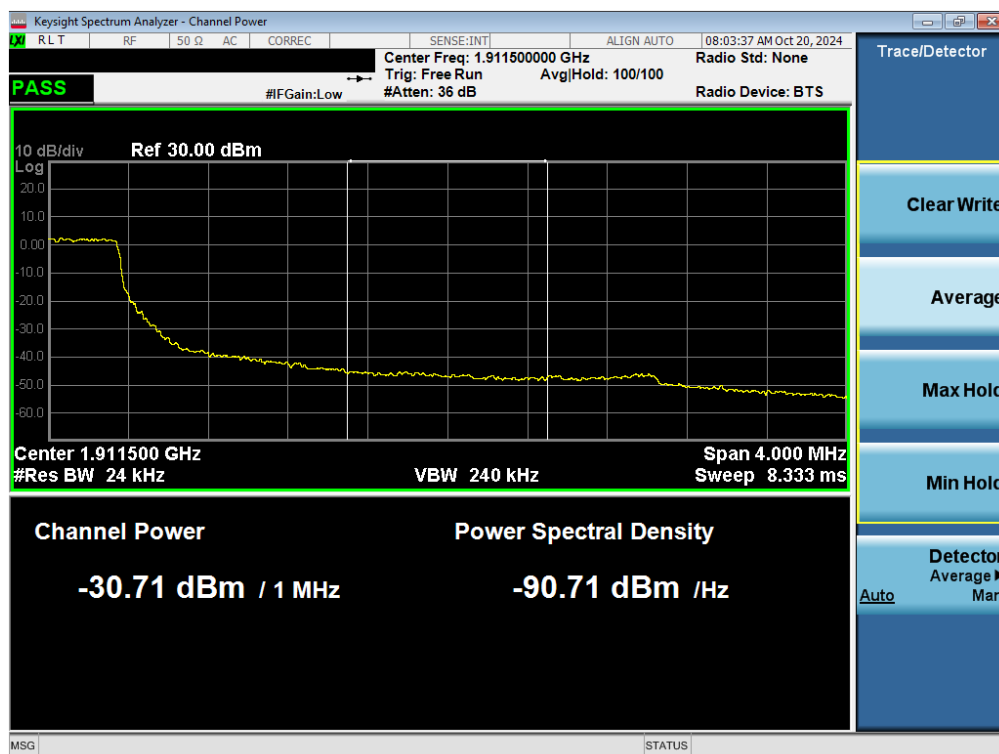


Plot 7-135. Extended Lower Band Edge Plot (LTE Band 25/2 - 3MHz QPSK – Full RB - Ant1)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260069-05.A3L	Test Dates: 09/06/2024 - 11/08/2024	EUT Type: Portable Handset	Page 94 of 175



Plot 7-136. Upper Band Edge Plot (LTE Band 2 - 3MHz QPSK – Full RB - Ant1)

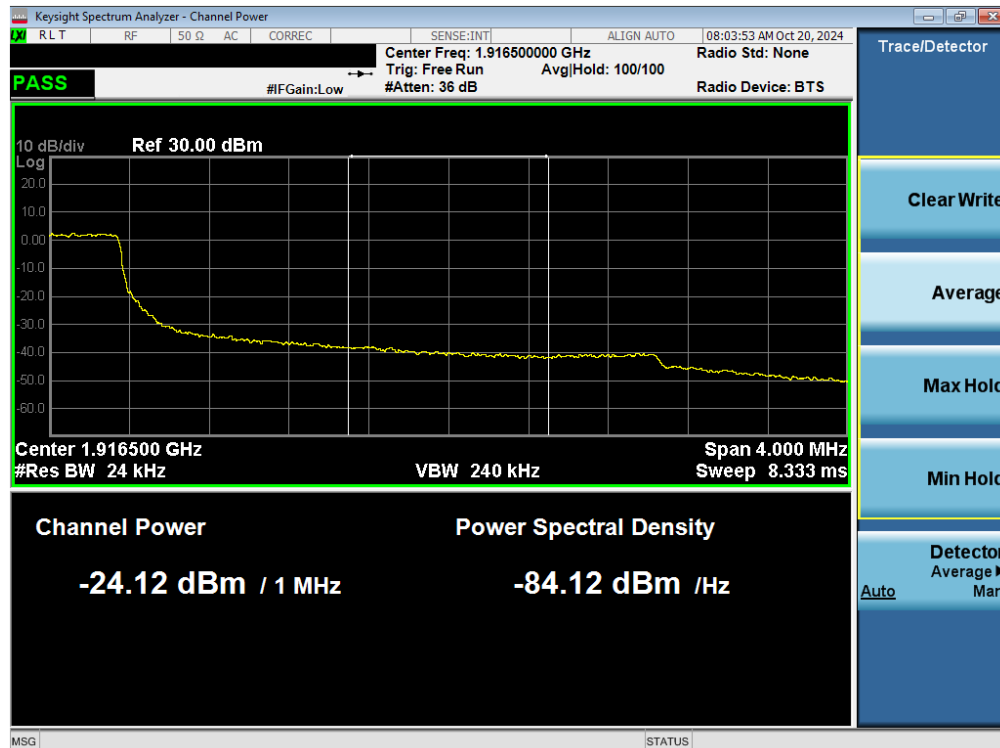


Plot 7-137. Extended Upper Band Edge Plot (LTE Band 2 - 3MHz QPSK – Full RB - Ant1)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260069-05.A3L	Test Dates: 09/06/2024 - 11/08/2024	EUT Type: Portable Handset	Page 95 of 175



Plot 7-138. Upper Band Edge Plot (LTE Band 25 - 3MHz QPSK – Full RB - Ant1)



Plot 7-139. Extended Upper Band Edge Plot (LTE Band 25 - 3MHz QPSK – Full RB - Ant1)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260069-05.A3L	Test Dates: 09/06/2024 - 11/08/2024	EUT Type: Portable Handset	Page 96 of 175

## NR Band n25/2 – Ant1



Plot 7-140. Lower Band Edge Plot (NR Band n25/2 - 10MHz QPSK – Full RB - Ant1)

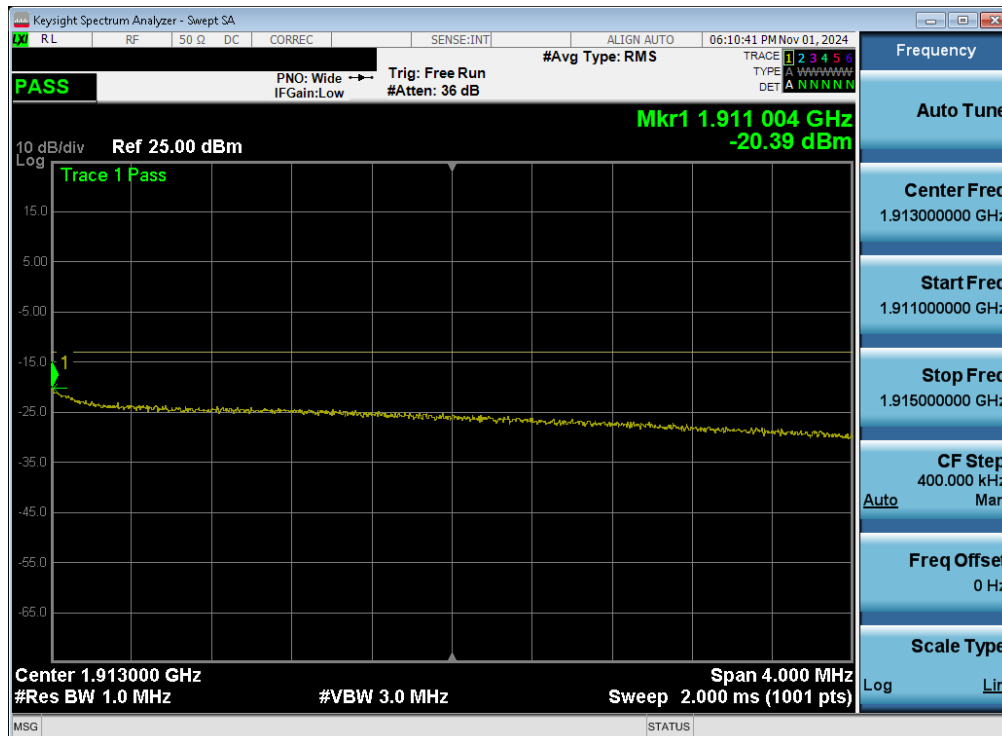


Plot 7-141. Extended Lower Band Edge Plot (NR Band n25/2 - 10MHz QPSK – Full RB - Ant1)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260069-05.A3L	Test Dates: 09/06/2024 - 11/08/2024	EUT Type: Portable Handset	Page 97 of 175



Plot 7-142. Upper Band Edge Plot (NR Band n2 - 10MHz QPSK – Full RB - Ant1)

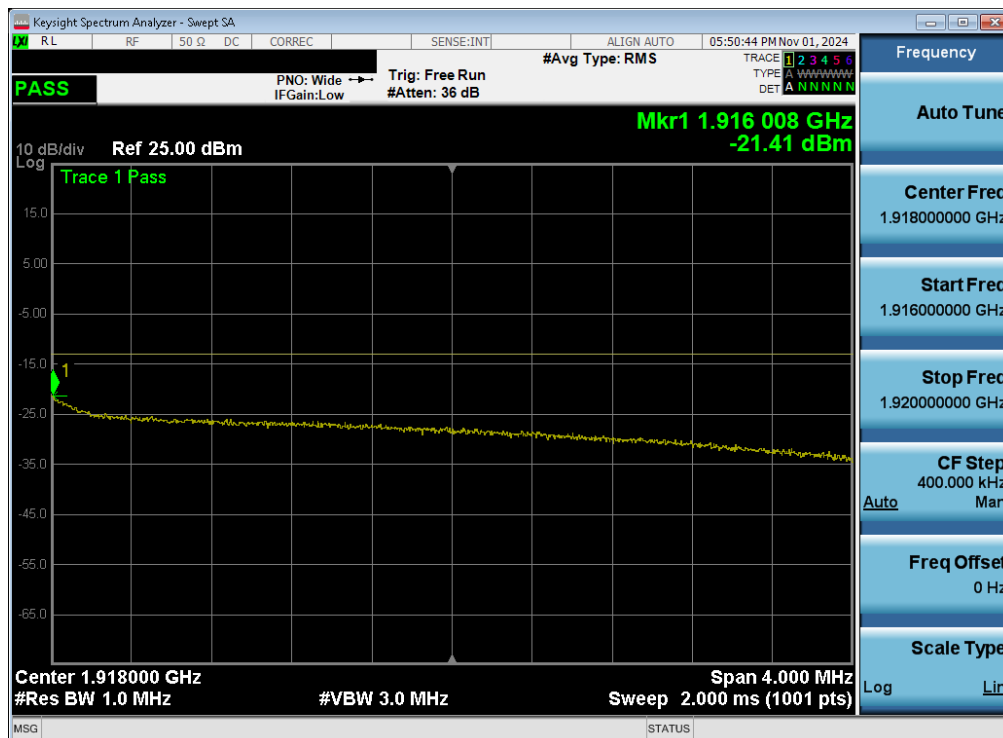


Plot 7-143. Extended Upper Band Edge Plot (NR Band n2 - 10MHz QPSK – Full RB - Ant1)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260069-05.A3L	Test Dates: 09/06/2024 - 11/08/2024	EUT Type: Portable Handset	Page 98 of 175



Plot 7-144. Upper Band Edge Plot (NR Band n25 - 10MHz QPSK – Full RB - Ant1)



Plot 7-145. Extended Upper Band Edge Plot (NR Band n25 - 10MHz QPSK – Full RB - Ant1)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260069-05.A3L	Test Dates: 09/06/2024 - 11/08/2024	EUT Type: Portable Handset	Page 99 of 175

Mode	Bandwidth	Channel	Test Case	Level [dBm]	Limit [dBm]	Margin [dB]
LTE-B25-2	20MHz	Low	Band Edge	-31.68	-13	-18.68
		Low	Extended	-28.36	-13	-15.36
		High [B2]	Band Edge	-34.07	-13	-21.07
		High [B25]	Band Edge	-34.79	-13	-21.79
		High [B2]	Extended	-29.57	-13	-16.57
		High [B25]	Extended	-30.12	-13	-17.12
	15MHz	Low	Band Edge	-32.40	-13	-19.40
		Low	Extended	-26.80	-13	-13.80
		High [B2]	Band Edge	-31.74	-13	-18.74
		High [B25]	Band Edge	-32.82	-13	-19.82
		High [B2]	Extended	-26.88	-13	-13.88
		High [B25]	Extended	-27.77	-13	-14.77
	10MHz	Low	Band Edge	-28.80	-13	-15.80
		Low	Extended	-23.97	-13	-10.97
		High [B2]	Band Edge	-31.04	-13	-18.04
		High [B25]	Band Edge	-31.62	-13	-18.62
		High [B2]	Extended	-25.33	-13	-12.33
		High [B25]	Extended	-25.27	-13	-12.26
	5MHz	Low	Band Edge	-25.73	-13	-12.73
		Low	Extended	-29.31	-13	-16.31
		High [B2]	Band Edge	-26.07	-13	-13.07
		High [B25]	Band Edge	-26.83	-12	-14.59
		High [B2]	Extended	-32.09	-13	-19.09
		High [B25]	Extended	-16.49	1	-17.19
	3MHz	Low	Band Edge	-25.94	-13	-12.93
		Low	Extended	-28.83	-13	-15.83
		High [B2]	Band Edge	-26.15	-13	-13.15
		High [B25]	Band Edge	-26.21	-13	-13.21
		High [B2]	Extended	-31.35	-13	-18.35
		High [B25]	Extended	-29.41	-13	-16.41
	1.4MHz	Low	Band Edge	-26.61	-13	-13.61
		Low	Extended	-34.74	-13	-21.74
		High [B2]	Band Edge	-25.88	-13	-12.88
		High [B25]	Band Edge	-28.87	-13	-15.87
		High [B2]	Extended	-32.82	-13	-19.82
		High [B25]	Extended	-31.82	-13	-18.82

**Table 7-10. Conducted Band Edge Test Results – Ant2**

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260069-05.A3L	Test Dates: 09/06/2024 - 11/08/2024	EUT Type: Portable Handset	Page 100 of 175

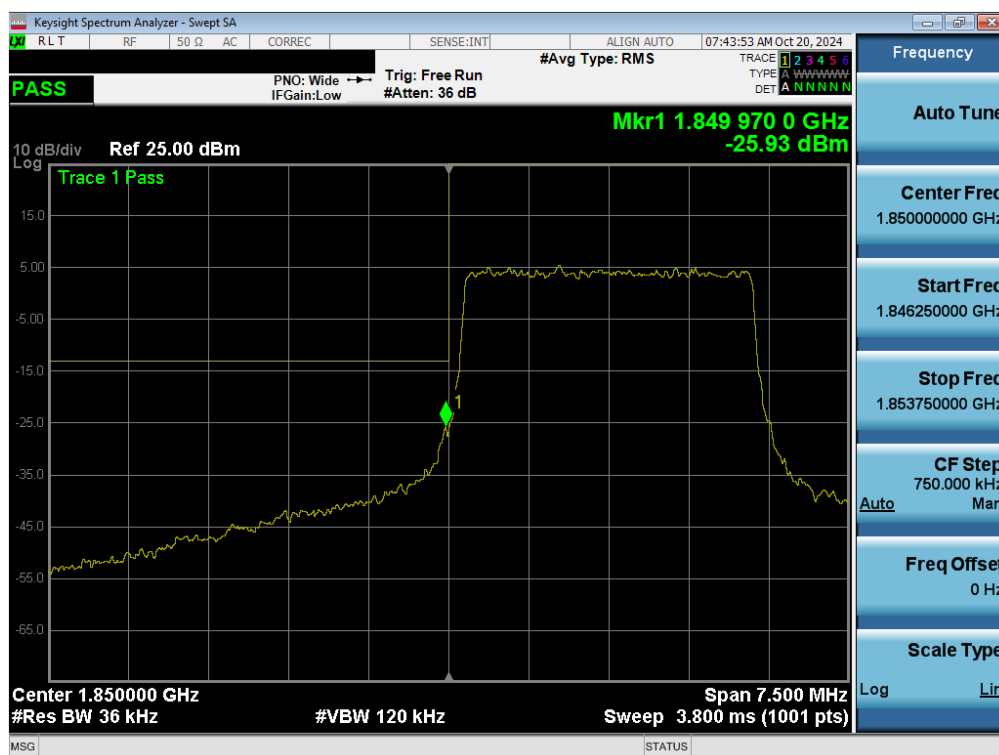


Mode	Bandwidth	Channel	Test Case	Level [dBm]	Limit [dBm]	Margin [dB]
NR-n25-2	40MHz	Low	Band Edge	-27.26	-13	-14.26
		Low	Extended	-26.80	-13	-13.80
		High [n25]	Band Edge	-28.43	-13	-15.43
		High [n25]	Extended	-29.59	-13	-16.59
	35MHz	Low	Band Edge	-28.90	-13	-15.90
		Low	Extended	-26.23	-13	-13.23
		High [n25]	Band Edge	-32.14	-13	-19.14
		High [n25]	Extended	-29.66	-13	-16.66
	30MHz	Low	Band Edge	-29.31	-13	-16.31
		Low	Extended	-26.10	-13	-13.10
		High [n25]	Band Edge	-32.81	-13	-19.81
		High [n25]	Extended	-28.83	-13	-15.83
	25MHz	Low	Band Edge	-28.49	-13	-15.49
		Low	Extended	-24.53	-13	-11.53
		High [n25]	Band Edge	-32.68	-13	-19.68
		High [n25]	Extended	-28.57	-13	-15.57
	20MHz	Low	Band Edge	-28.47	-13	-15.47
		Low	Extended	-23.79	-13	-10.79
		High [n2]	Band Edge	-31.30	-13	-18.30
		High [n25]	Band Edge	-31.22	-13	-18.22
		High [n2]	Extended	-25.93	-13	-12.93
		High [n25]	Extended	-26.54	-13	-13.54
	15MHz	Low	Band Edge	-29.30	-13	-16.30
		Low	Extended	-21.84	-13	-8.84
		High [n2]	Band Edge	-31.08	-13	-18.08
		High [n25]	Band Edge	-32.78	-13	-19.78
		High [n2]	Extended	-24.24	-13	-11.24
		High [n25]	Extended	-25.15	-13	-12.15
	10MHz	Low	Band Edge	-28.23	-13	-15.23
		Low	Extended	-18.47	-13	-5.47
		High [n2]	Band Edge	-30.54	-13	-17.54
		High [n25]	Band Edge	-29.94	-13	-16.94
		High [n2]	Extended	-20.83	-13	-7.83
		High [n25]	Extended	-21.39	-13	-8.39
	5MHz	Low	Band Edge	-24.48	-13	-11.48
		Low	Extended	-23.87	-13	-10.87
		High [n2]	Band Edge	-24.92	-13	-11.92
		High [n25]	Band Edge	-25.81	-13	-12.81
		High [n2]	Extended	-25.81	-13	-12.81
		High [n25]	Extended	-26.21	-13	-13.21

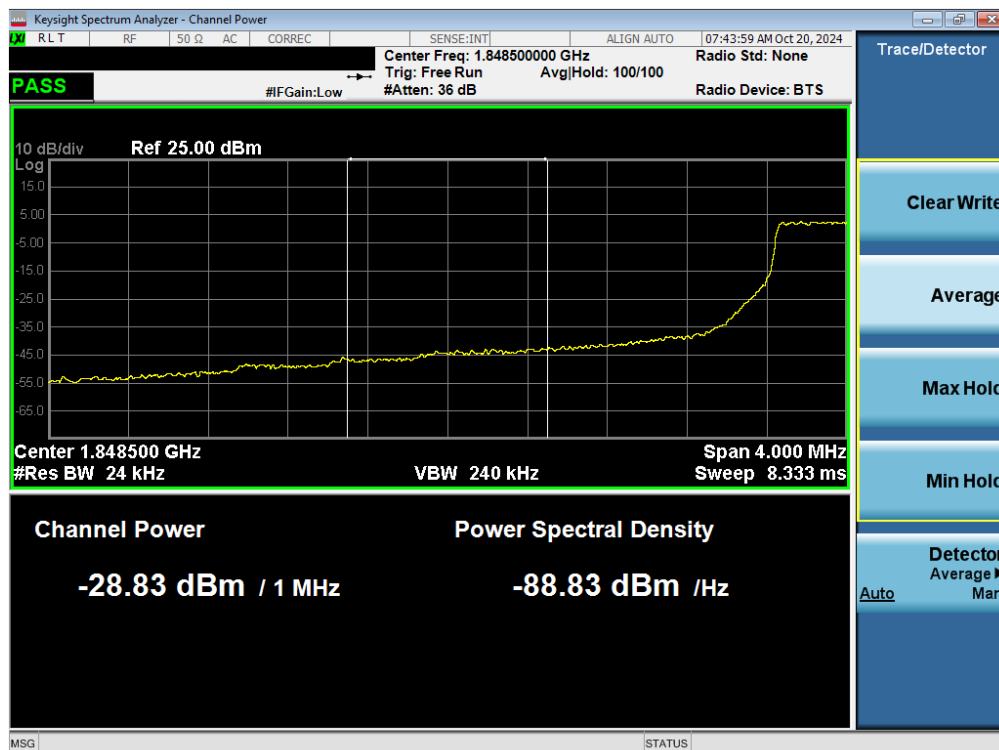
**Table 7-11. Conducted Band Edge Test Results – Ant2**

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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## LTE Band 25/2 – Ant2



Plot 7-146. Lower Band Edge Plot (LTE Band 25/2 - 3MHz QPSK – Full RB - Ant2)

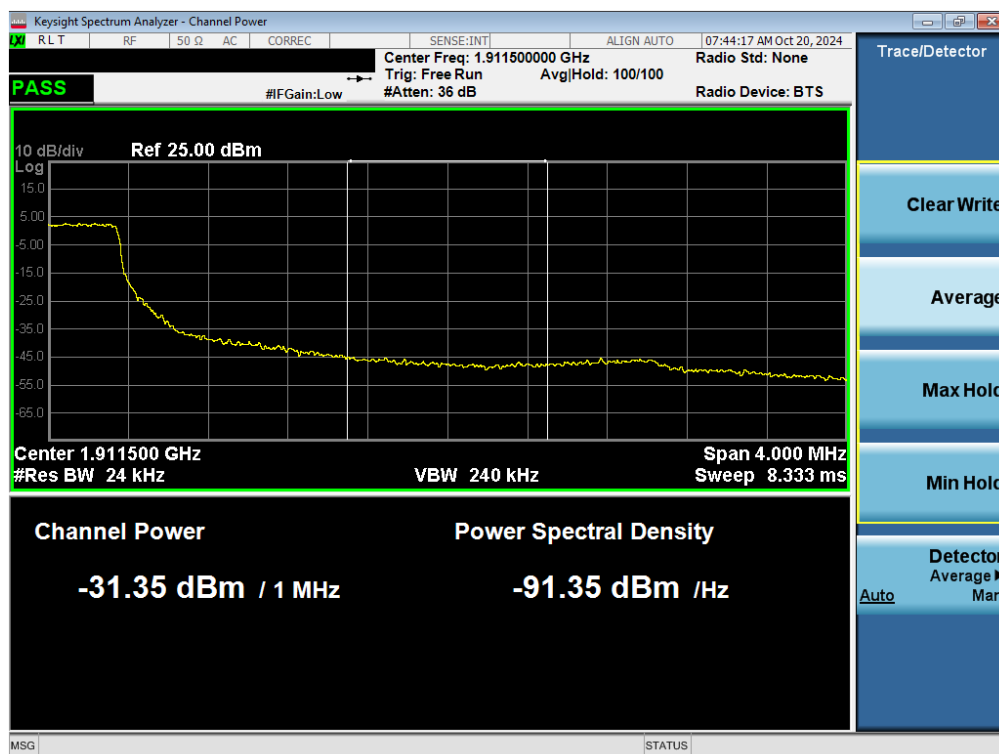


Plot 7-147. Extended Lower Band Edge Plot (LTE Band 25/2 - 3MHz QPSK – Full RB - Ant2)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-148. Upper Band Edge Plot (LTE Band 2 - 3MHz QPSK - Full RB - Ant2)

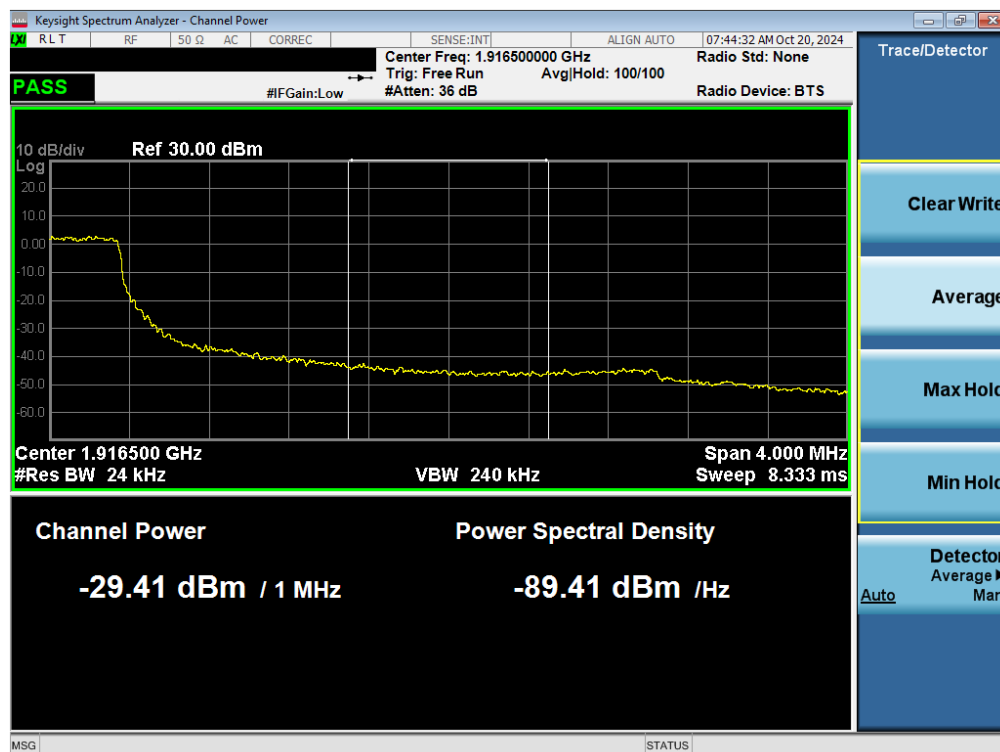


Plot 7-149. Extended Upper Band Edge Plot (LTE Band 2 - 3MHz QPSK - Full RB - Ant2)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260069-05.A3L	Test Dates: 09/06/2024 - 11/08/2024	EUT Type: Portable Handset	Page 103 of 175



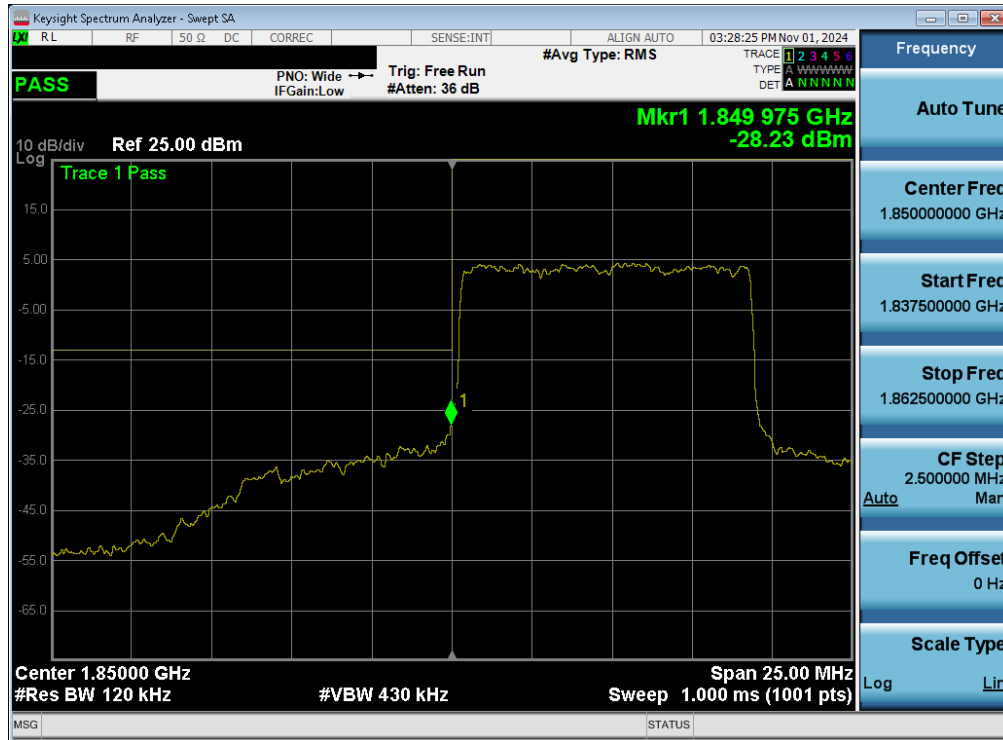
Plot 7-150. Upper Band Edge Plot (LTE Band 25 - 3MHz QPSK – Full RB - Ant2)



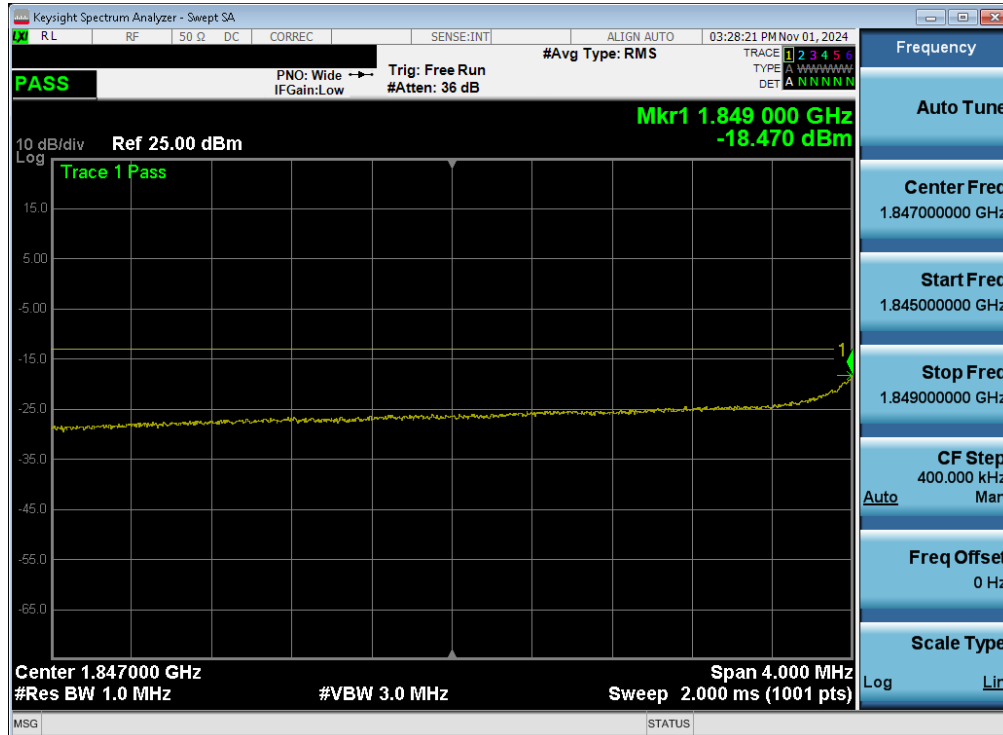
Plot 7-151. Extended Upper Band Edge Plot (LTE Band 25 - 3MHz QPSK – Full RB - Ant2)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260069-05.A3L	Test Dates: 09/06/2024 - 11/08/2024	EUT Type: Portable Handset	Page 104 of 175

## NR Band n25/2 – Ant2

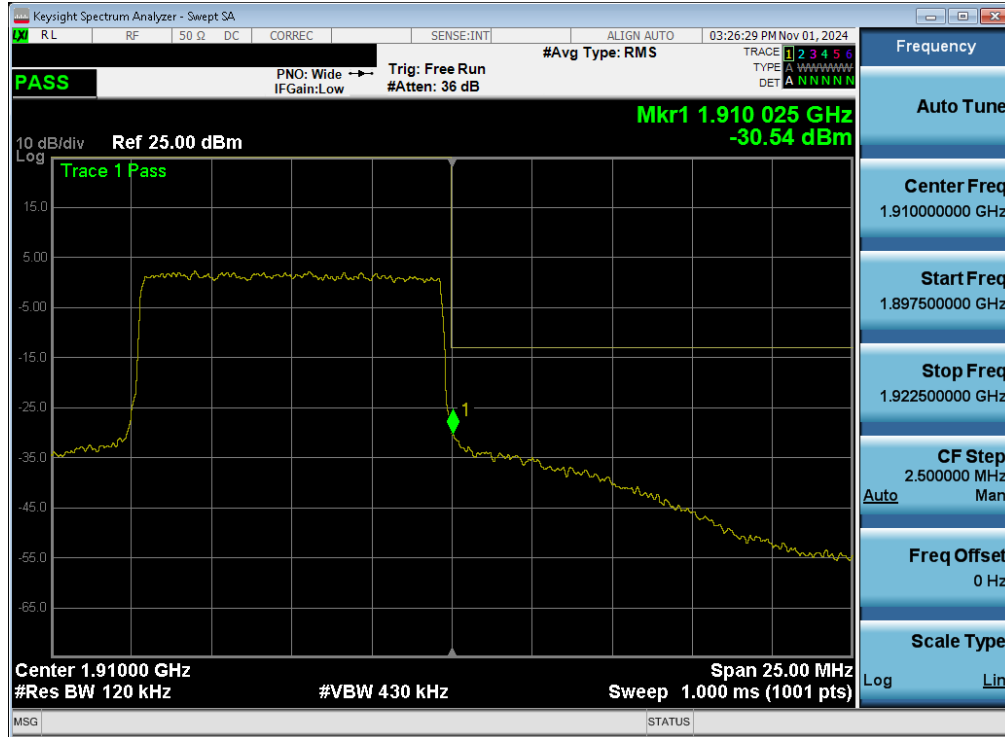


Plot 7-152. Lower Band Edge Plot (NR Band n25/2 - 10MHz QPSK – Full RB - Ant2)

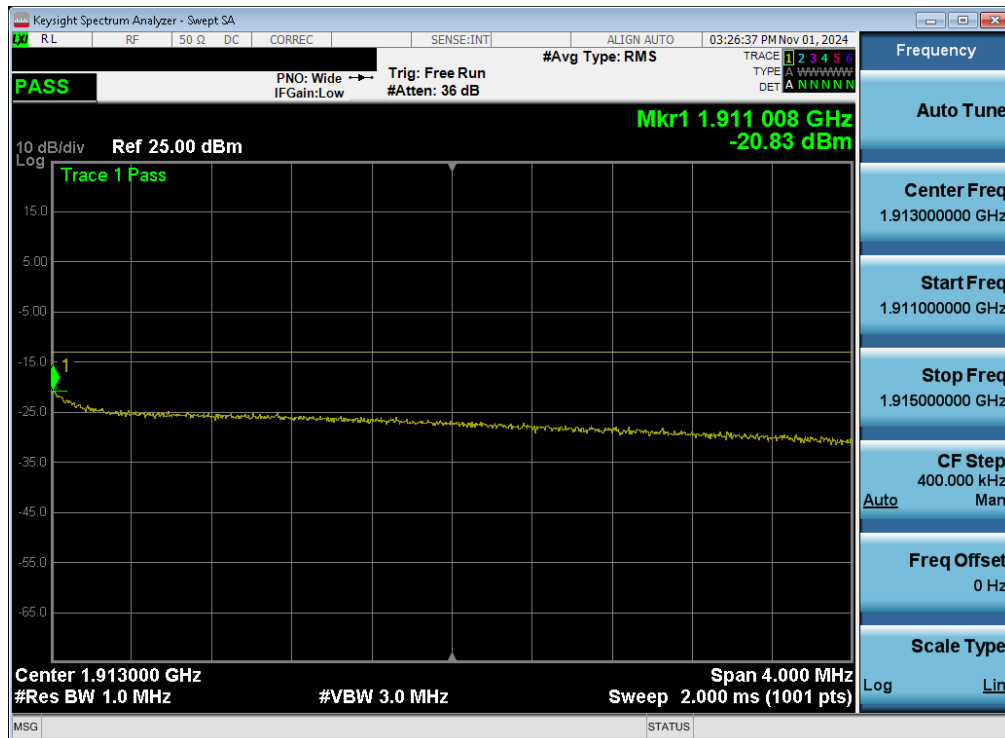


Plot 7-153. Extended Lower Band Edge Plot (NR Band n25/2 - 10MHz QPSK – Full RB - Ant2)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260069-05.A3L	Test Dates: 09/06/2024 - 11/08/2024	EUT Type: Portable Handset	Page 105 of 175

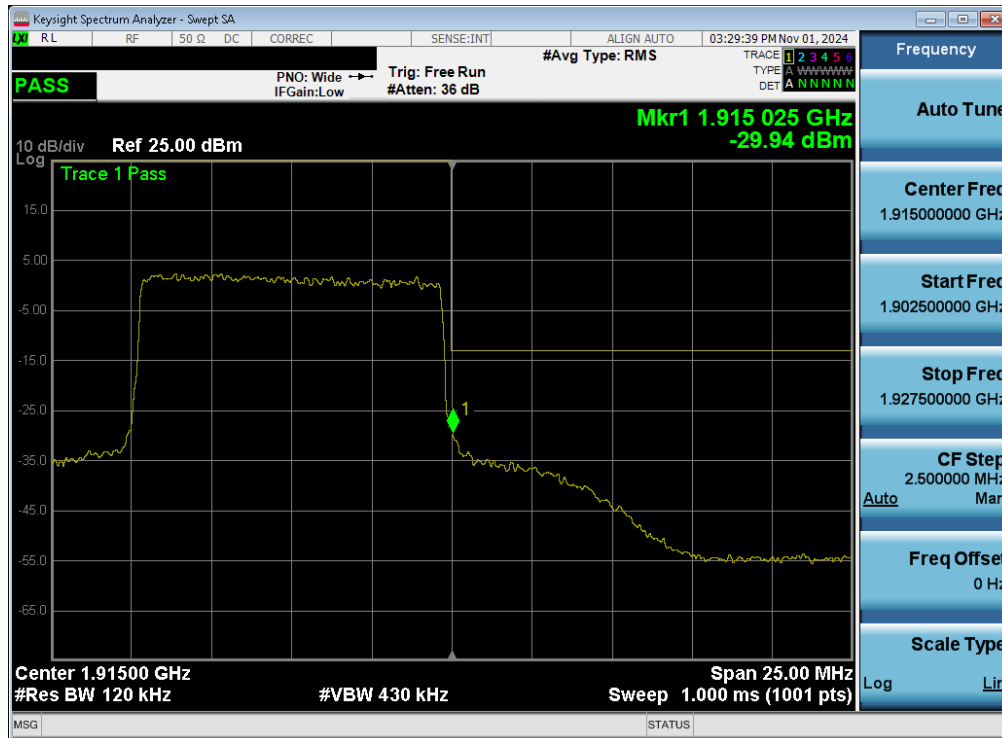


Plot 7-154. Upper Band Edge Plot (NR Band n2 - 10MHz QPSK – Full RB - Ant2)

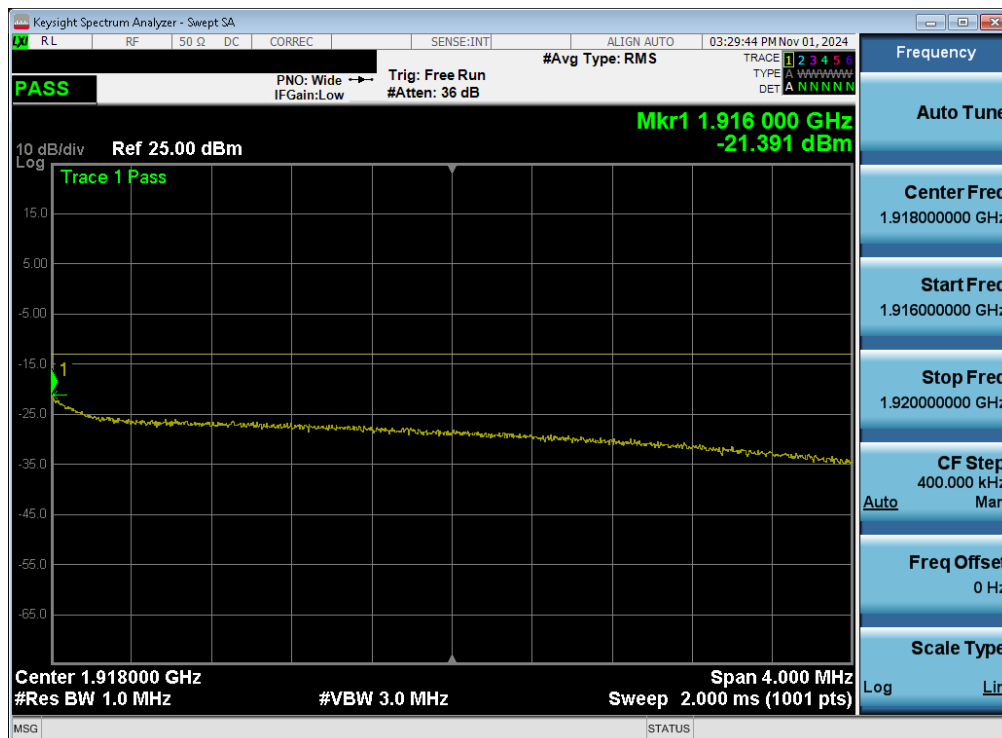


Plot 7-155. Extended Upper Band Edge Plot (NR Band n2 - 10MHz QPSK – Full RB - Ant2)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260069-05.A3L	Test Dates: 09/06/2024 - 11/08/2024	EUT Type: Portable Handset	Page 106 of 175



Plot 7-156. Upper Band Edge Plot (NR Band n25 - 10MHz QPSK – Full RB - Ant2)



Plot 7-157. Extended Upper Band Edge Plot (NR Band n25 - 10MHz QPSK – Full RB - Ant2)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260069-05.A3L	Test Dates: 09/06/2024 - 11/08/2024	EUT Type: Portable Handset	Page 107 of 175

## 7.6 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 average power level. The percent of time the signal spends at or above the level defines the probability for that particular power level.

***The peak-to-average power ratio (PAPR) of the transmitter output power must not exceed 13 dB.***

### Test Procedure Used

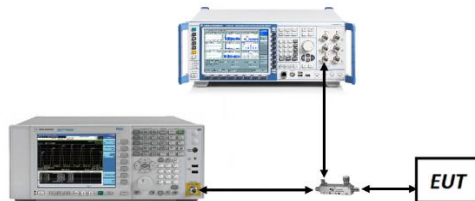
ANSI C63.26-2015 – Section 5.2.3.4

### Test Settings

1. The signal analyzer's CCDF measurement profile is enabled
2. Frequency = carrier center frequency
3. Measurement BW  $\geq$  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. For burst transmissions, the spectrum analyzer is set to use an internal "RF Burst" trigger that is synced with an incoming pulse and the measurement interval is set to less than the duration of the "on time" of one burst to ensure that energy is only captured during a time in which the transmitter is operating at maximum power

### Test Setup

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



**Figure 7-5. Test Instrument & Measurement Setup**

### Test Notes

For the QAM modulations, 256QAM was found to have the worst-case peak-to-average ratio so it is the only QAM measurement included in this section.

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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Mode	Bandwidth	Modulation	Average Power [dBm]	PAR at 0.1% [dB]	PAR Limit [dB]	Margin [dB]
GSM-PCS	N/A	GMSK	27.20	2.67	13	-10.33
GSM-PCS EDGE		8-PSK	25.55	4.39	13	-8.61
WCDMA-PCS		Spread Spectrum	23.18	2.99	13	-10.01
LTE-B25-2	20MHz	QPSK	22.58	4.87	13	-8.13
		256QAM	18.56	6.85	13	-6.15
	15MHz	QPSK	22.57	4.93	13	-8.07
		256QAM	18.56	6.85	13	-6.15
	10MHz	QPSK	22.61	4.86	13	-8.14
		256QAM	18.62	6.83	13	-6.17
	5MHz	QPSK	22.63	4.86	13	-8.14
		256QAM	18.62	6.84	13	-6.16
	3MHz	QPSK	22.63	4.74	13	-8.26
		256QAM	18.60	6.89	13	-6.12
	1.4MHz	QPSK	22.52	4.84	13	-8.16
		256QAM	18.65	7.36	13	-5.64

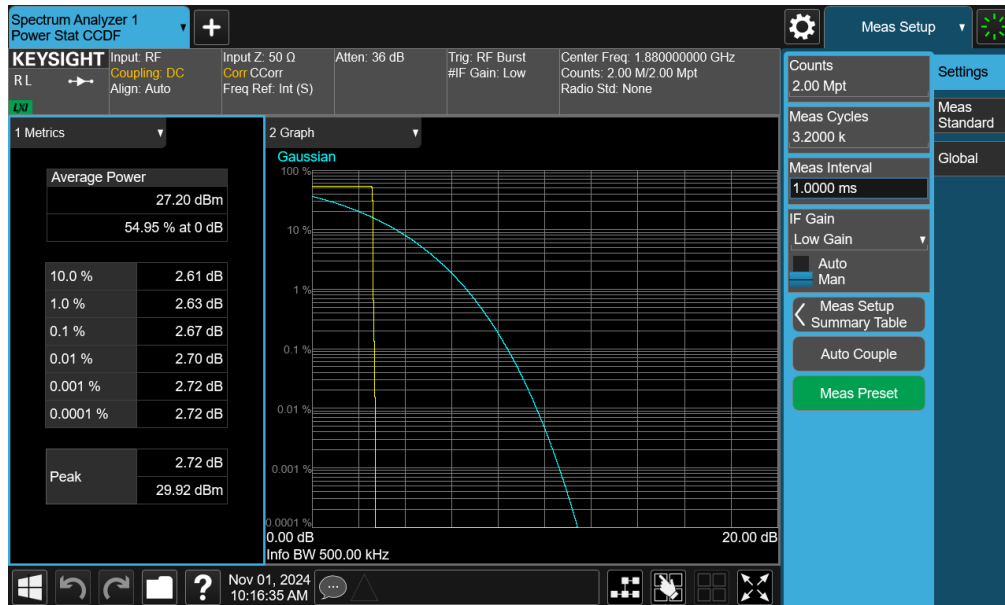
Table 7-12. PAR Test Results – Ant1

Mode	Bandwidth	Modulation	Average Power [dBm]	PAR at 0.1% [dB]	PAR Limit [dB]	Margin [dB]
NR-n25-2	40MHz	BPSK	22.18	4.35	13	-8.65
		QPSK	19.64	7.92	13	-5.08
		256QAM	16.04	8.93	13	-4.07
	35MHz	BPSK	22.04	4.39	13	-8.61
		QPSK	19.60	8.02	13	-4.98
		256QAM	16.07	8.95	13	-4.05
	30MHz	BPSK	22.05	4.36	13	-8.64
		QPSK	19.52	8.16	13	-4.84
		256QAM	16.04	8.91	13	-4.09
	25MHz	BPSK	22.16	4.57	13	-8.43
		QPSK	19.66	8.10	13	-4.90
		256QAM	16.10	9.19	13	-3.81
	20MHz	BPSK	22.21	4.31	13	-8.69
		QPSK	19.51	7.40	13	-5.60
		256QAM	16.03	9.01	13	-3.99
	15MHz	BPSK	22.04	4.48	13	-8.52
		QPSK	19.51	8.17	13	-4.83
		256QAM	15.99	8.91	13	-4.09
	10MHz	BPSK	22.10	4.33	13	-8.67
		QPSK	19.48	8.12	13	-4.88
		256QAM	16.05	9.18	13	-3.82
	5MHz	BPSK	22.10	4.31	13	-8.69
		QPSK	19.66	8.05	13	-4.95
		256QAM	16.04	8.92	13	-4.08

Table 7-13. PAR Test Results – Ant1

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260069-05.A3L	Test Dates: 09/06/2024 - 11/08/2024	EUT Type: Portable Handset	Page 109 of 175

## GSM/GPRS PCS – Ant1



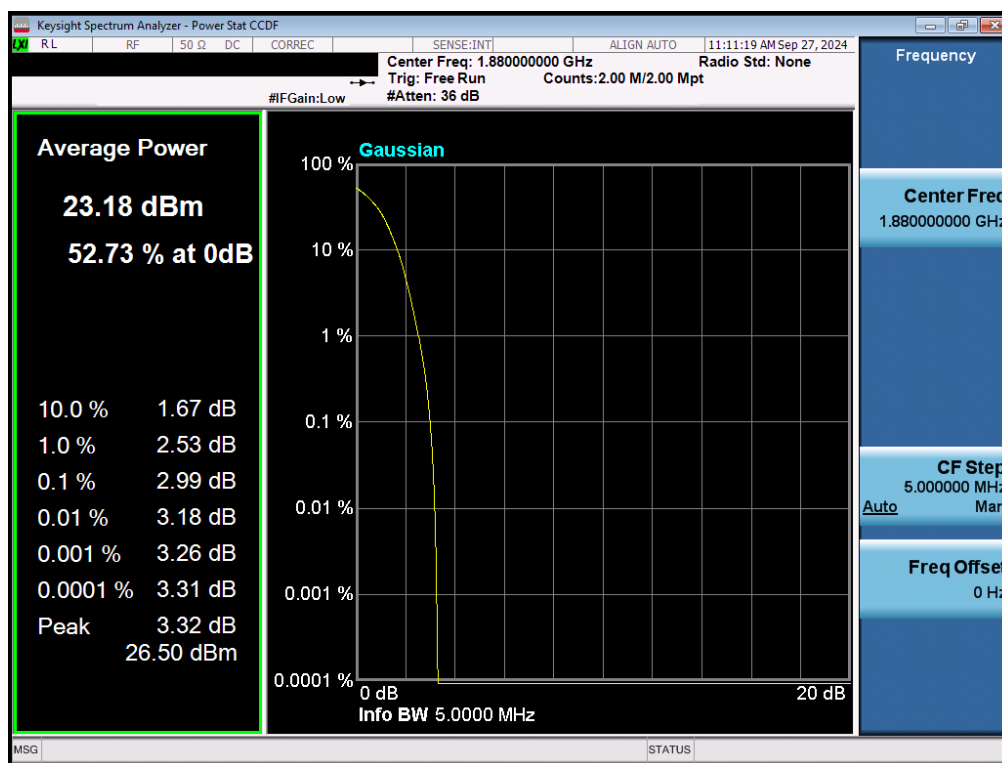
Plot 7-158. PAR Plot (GPRS, Ch. 661 - Ant1)



Plot 7-159. PAR Plot (EDGE, Ch. 661 - Ant1)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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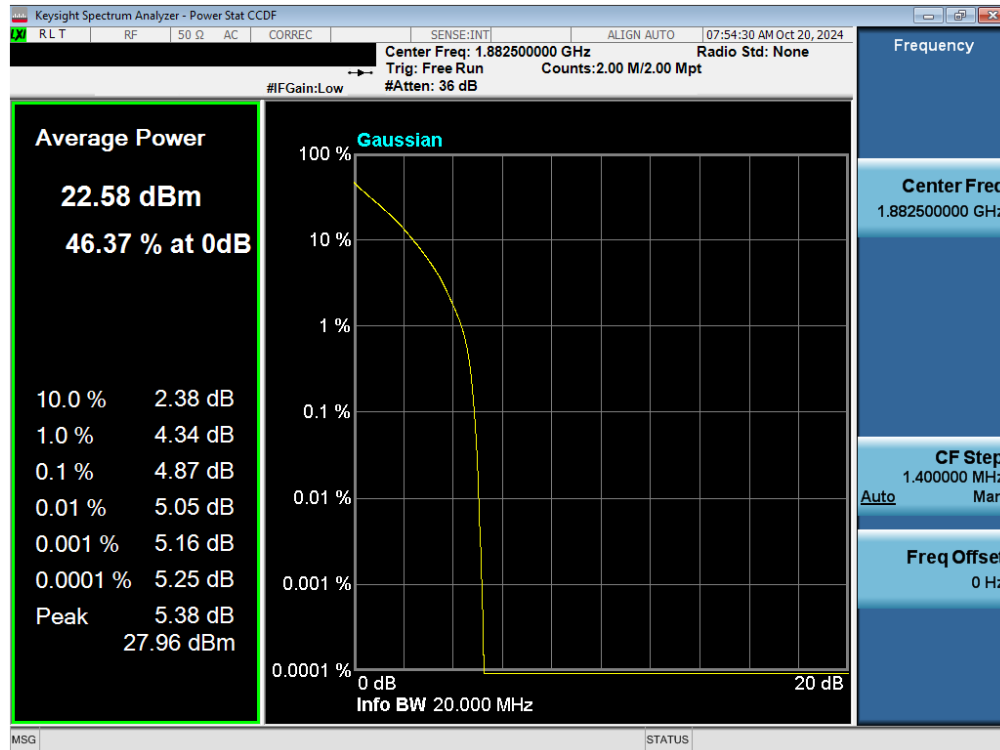
## WCDMA PCS – Ant1



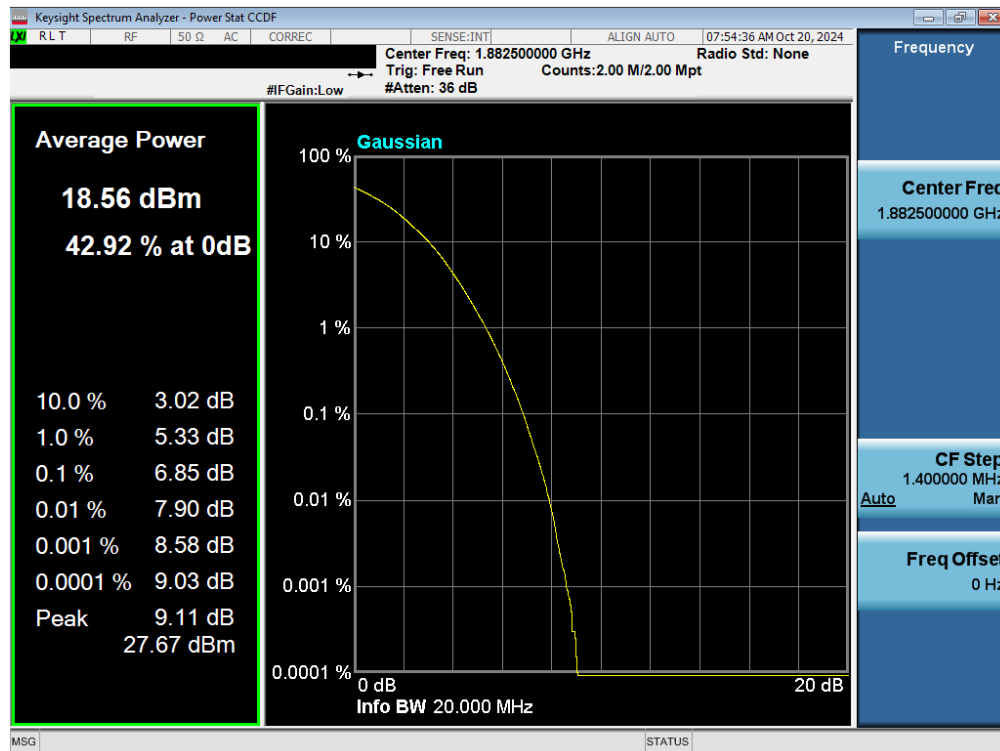
Plot 7-160. PAR Plot (WCDMA, Ch. 9400 - Ant1)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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## LTE Band 25/2 – Ant1

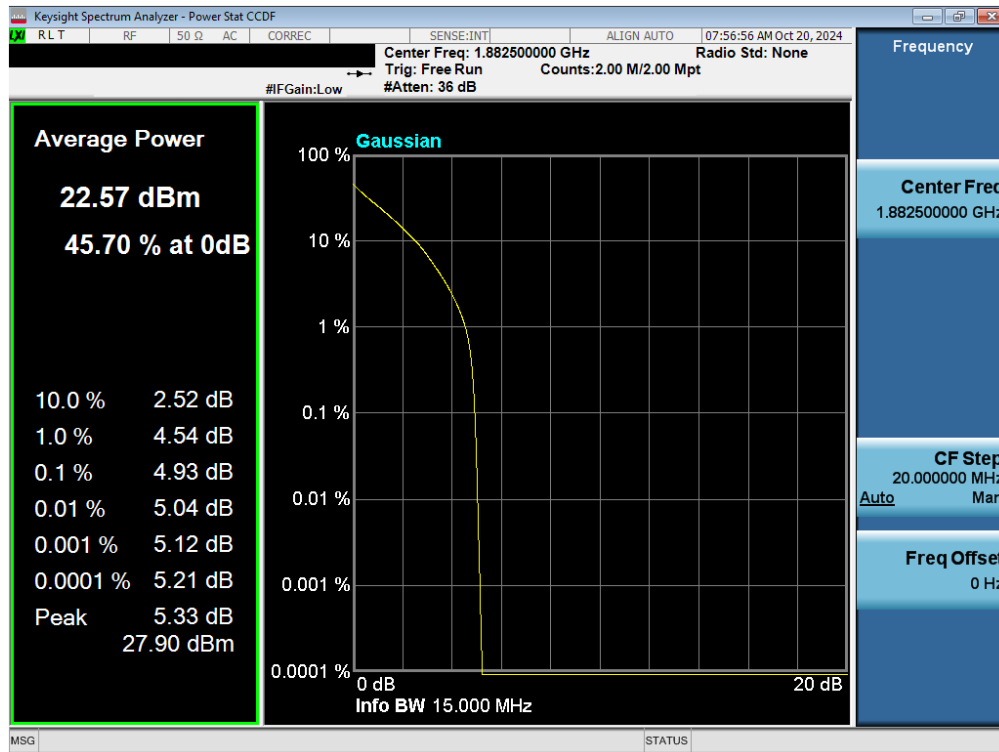


Plot 7-161. PAR Plot (LTE Band 25/2 - 20MHz QPSK - Full RB - Ant1)

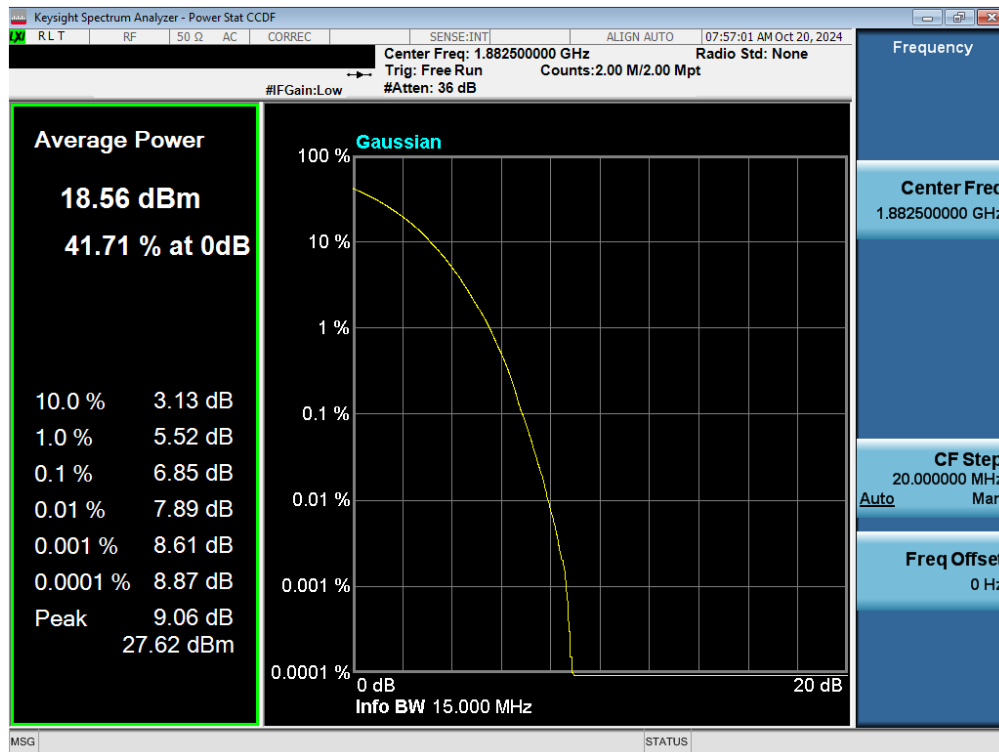


Plot 7-162. PAR Plot (LTE Band 25/2 - 20MHz 256-QAM - Full RB - Ant1)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260069-05.A3L	Test Dates: 09/06/2024 - 11/08/2024	EUT Type: Portable Handset	Page 112 of 175

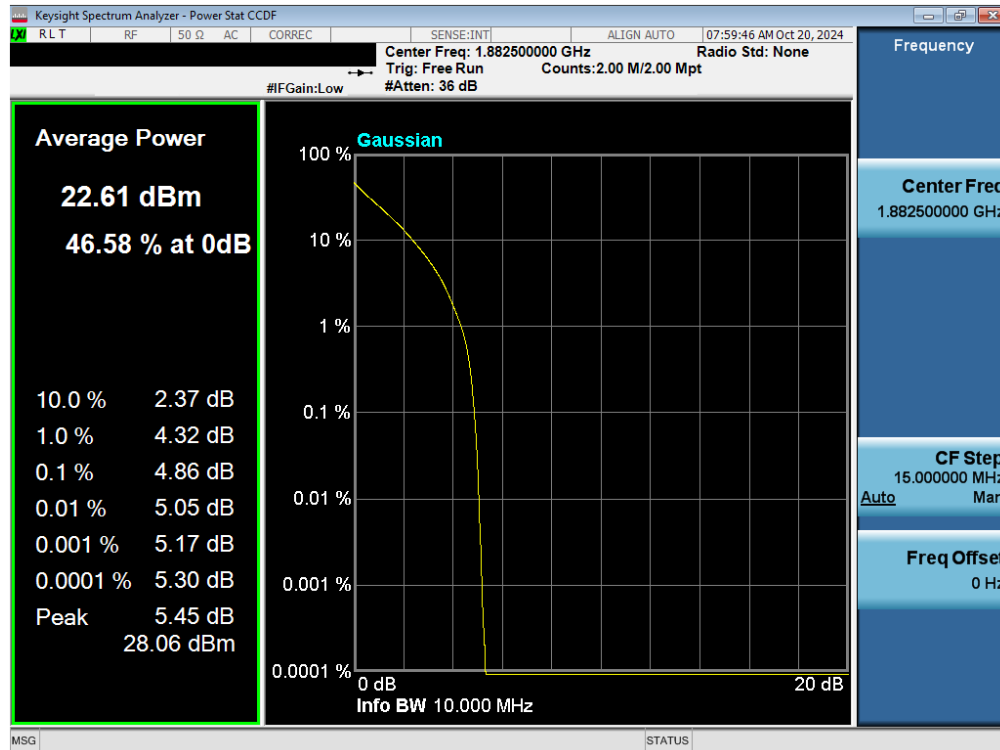


Plot 7-163. PAR Plot (LTE Band 25/2 - 15MHz QPSK - Full RB - Ant1)

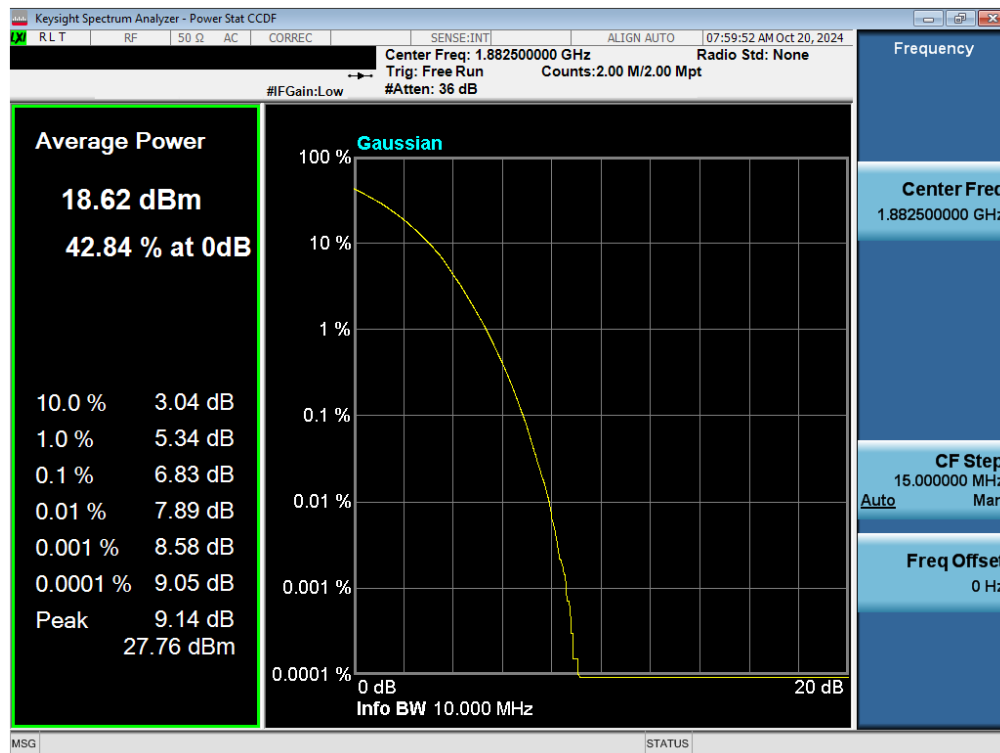


Plot 7-164. PAR Plot (LTE Band 25/2 - 15MHz 256-QAM - Full RB - Ant1)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260069-05.A3L	Test Dates: 09/06/2024 - 11/08/2024	EUT Type: Portable Handset	Page 113 of 175

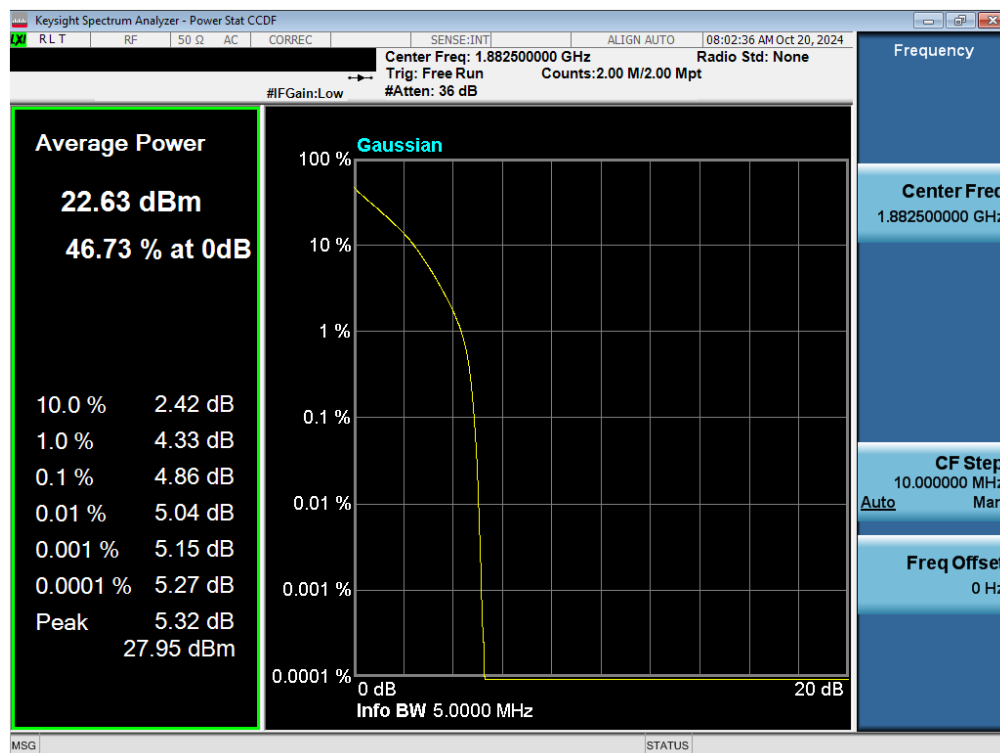


Plot 7-165. PAR Plot (LTE Band 25/2 - 10MHz QPSK - Full RB - Ant1)

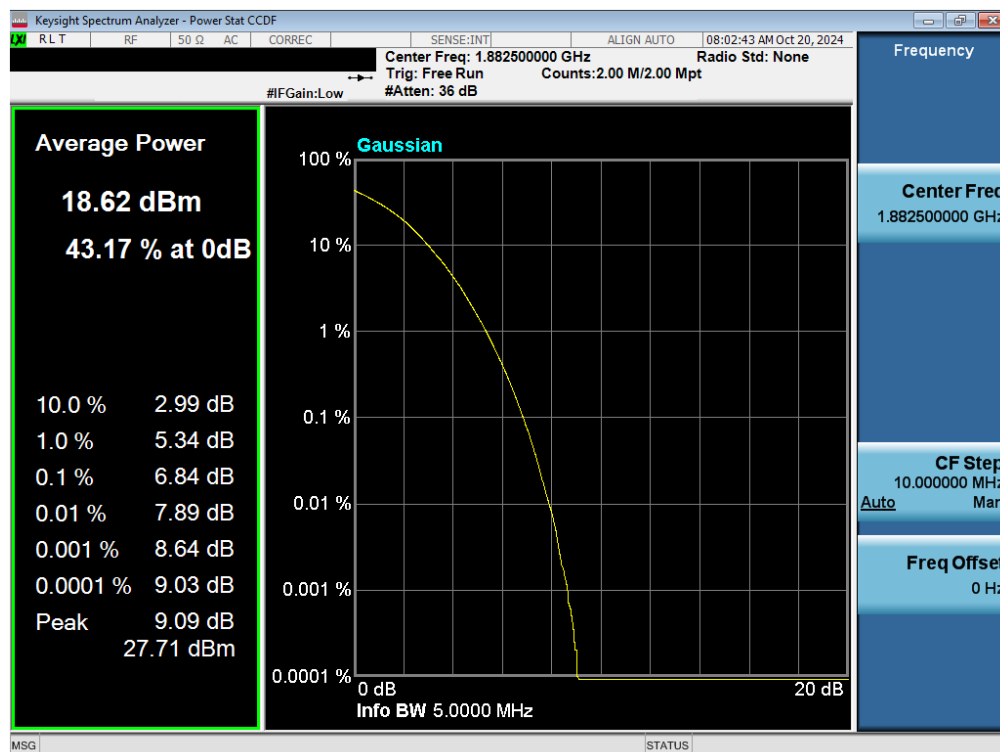


Plot 7-166. PAR Plot (LTE Band 25/2 - 10MHz 256-QAM - Full RB - Ant1)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260069-05.A3L	Test Dates: 09/06/2024 - 11/08/2024	EUT Type: Portable Handset	Page 114 of 175

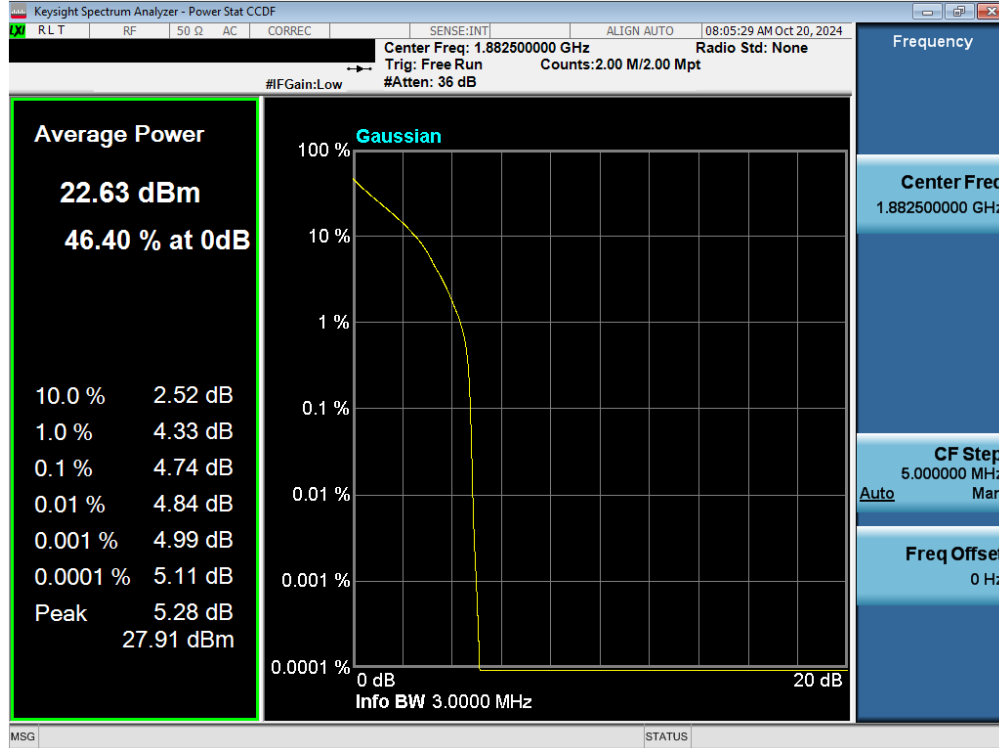


Plot 7-167. PAR Plot (LTE Band 25/2 - 5MHz QPSK - Full RB - Ant1)

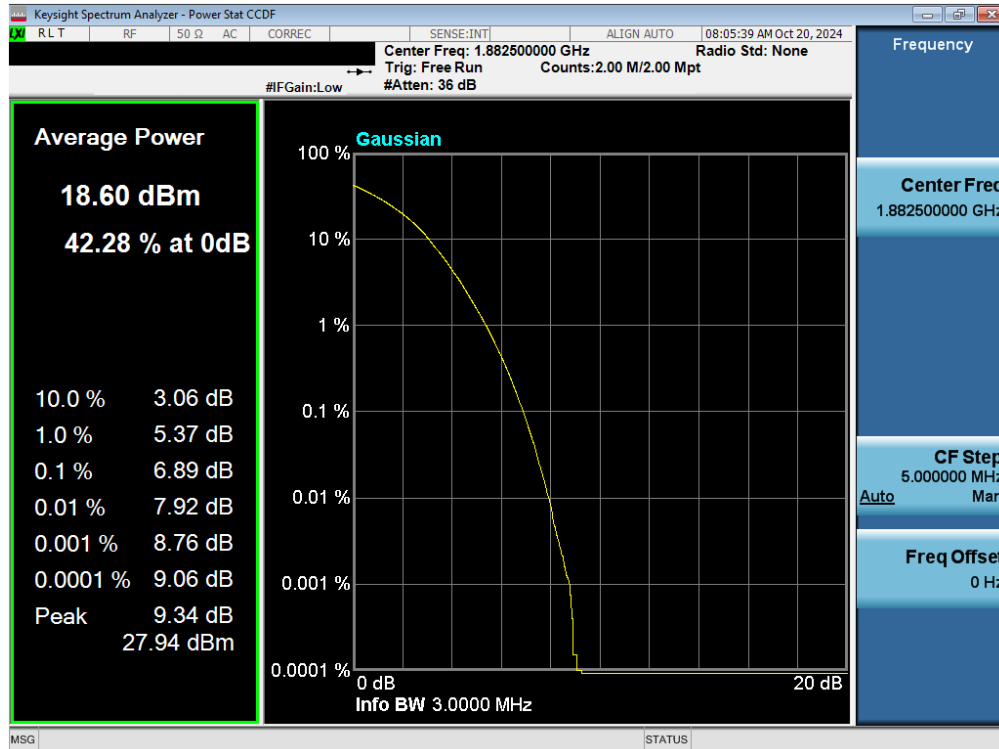


Plot 7-168. PAR Plot (LTE Band 25/2 - 5MHz 256-QAM - Full RB - Ant1)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260069-05.A3L	Test Dates: 09/06/2024 - 11/08/2024	EUT Type: Portable Handset	Page 115 of 175



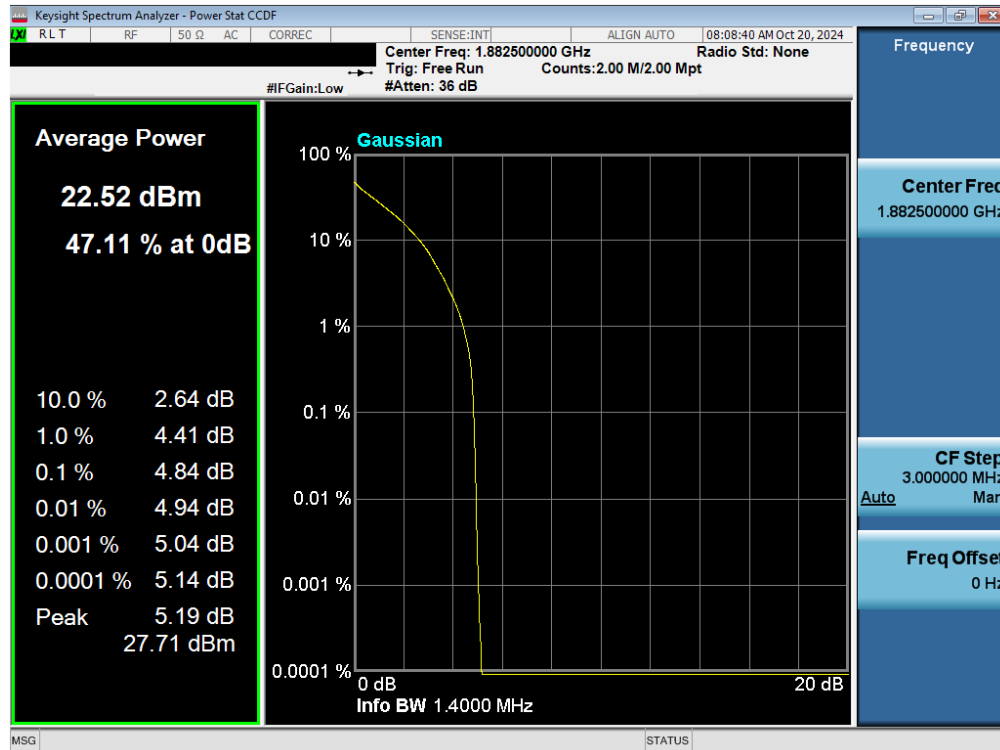
Plot 7-169. PAR Plot (LTE Band 25/2 - 3MHz QPSK - Full RB - Ant1)



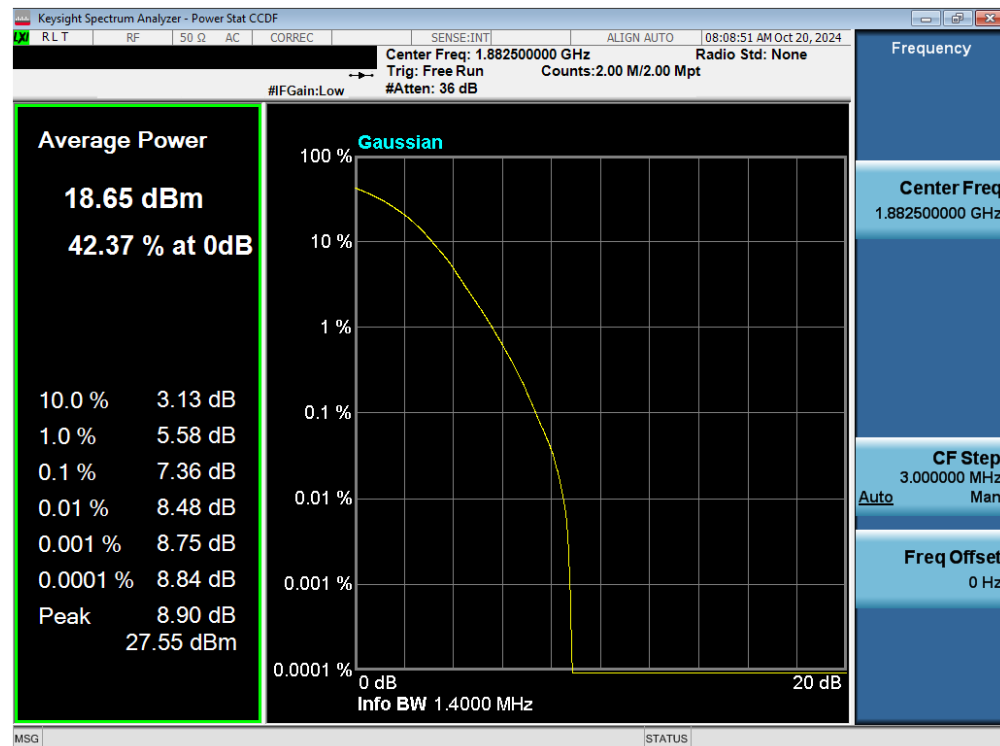
Plot 7-170. PAR Plot (LTE Band 25/2 - 3MHz 256-QAM - Full RB - Ant1)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260069-05.A3L	Test Dates: 09/06/2024 - 11/08/2024	EUT Type: Portable Handset	Page 116 of 175





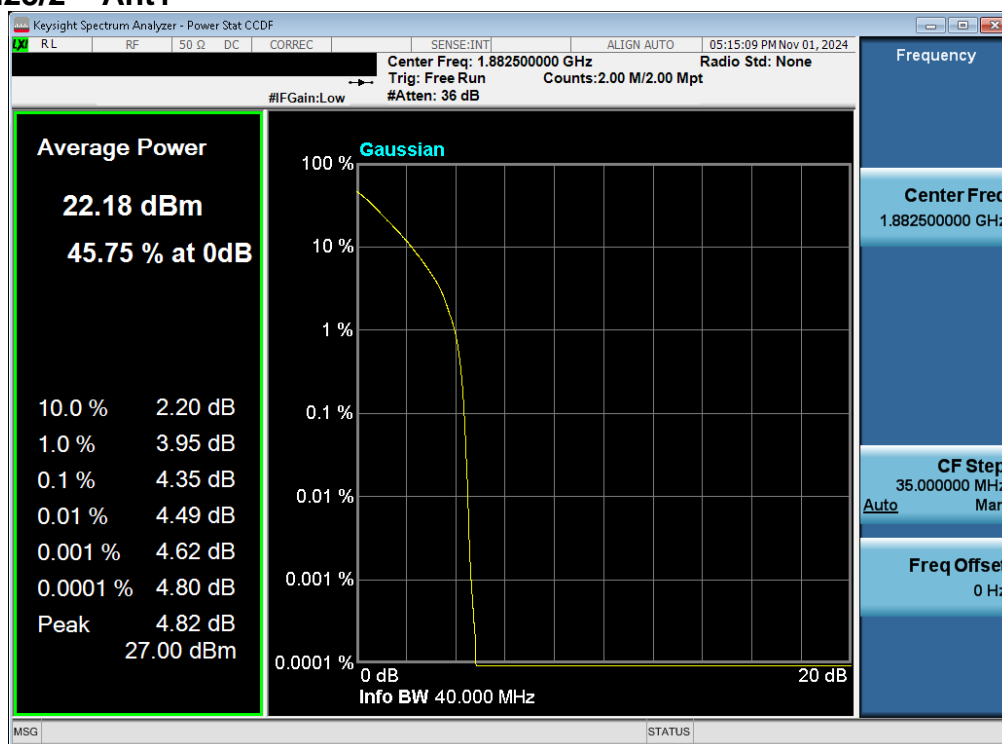
Plot 7-171. PAR Plot (LTE Band 25/2 - 1.4MHz QPSK - Full RB - Ant1)



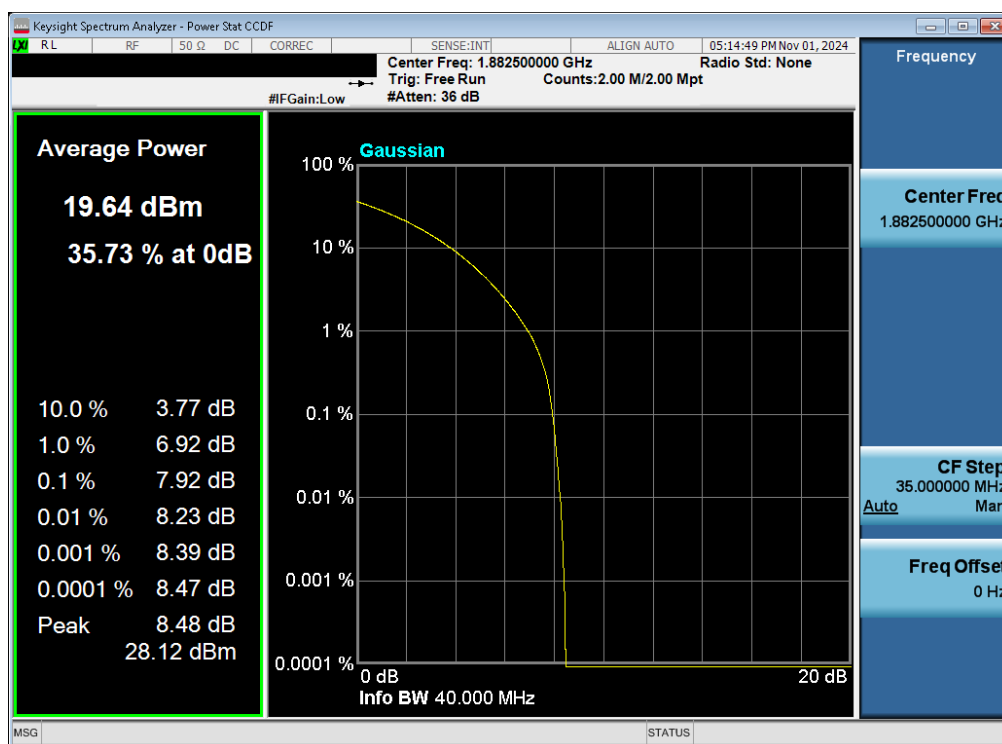
Plot 7-172. PAR Plot (LTE Band 25/2 - 1.4MHz 256-QAM - Full RB - Ant1)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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## NR Band n25/2 – Ant1

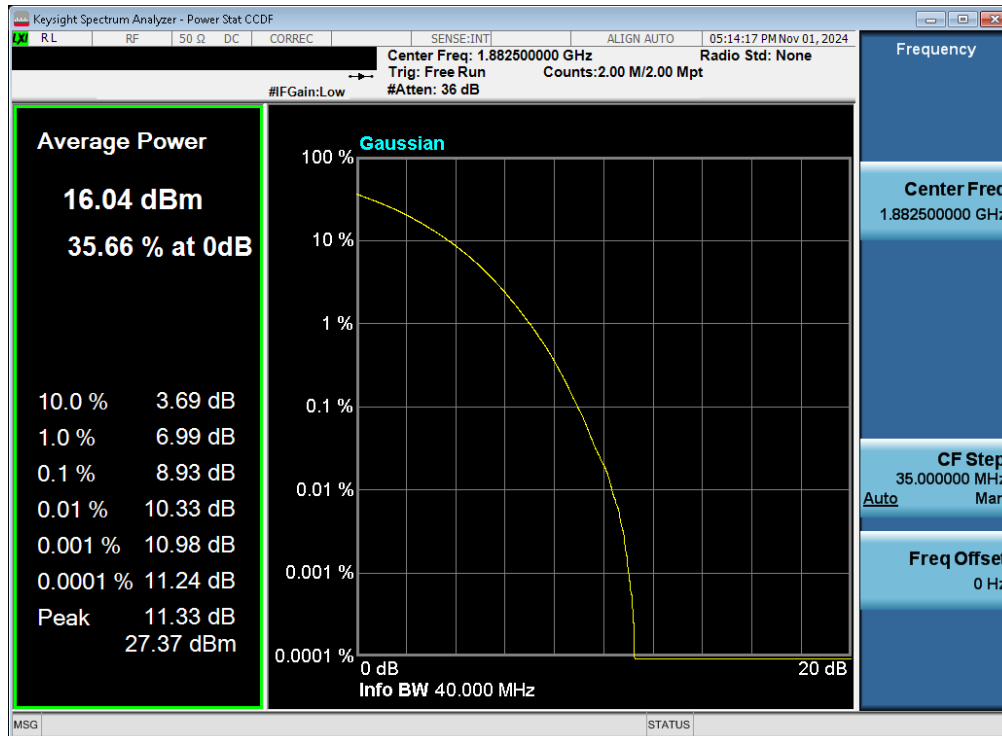


Plot 7-173. PAR Plot (NR Band n25/2 - 40.0MHz DFT-s-OFDM BPSK - Full RB - ANT1)

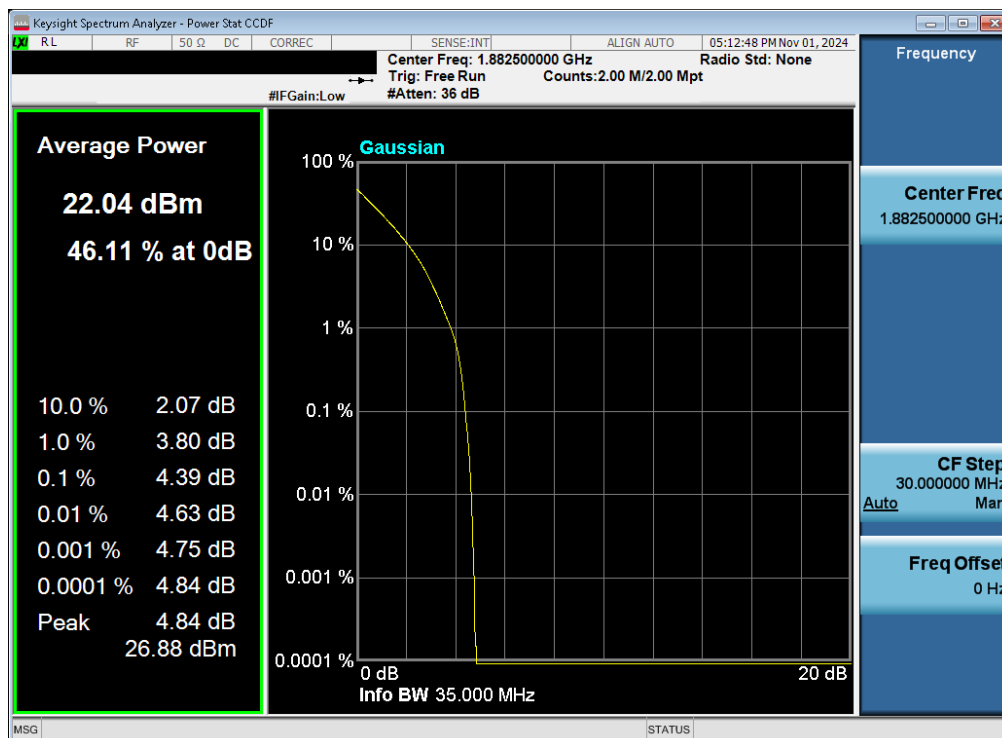


Plot 7-174. PAR Plot (NR Band n25/2 - 40.0MHz CP-OFDM QPSK - Full RB - ANT1)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260069-05.A3L	Test Dates: 09/06/2024 - 11/08/2024	EUT Type: Portable Handset	Page 118 of 175

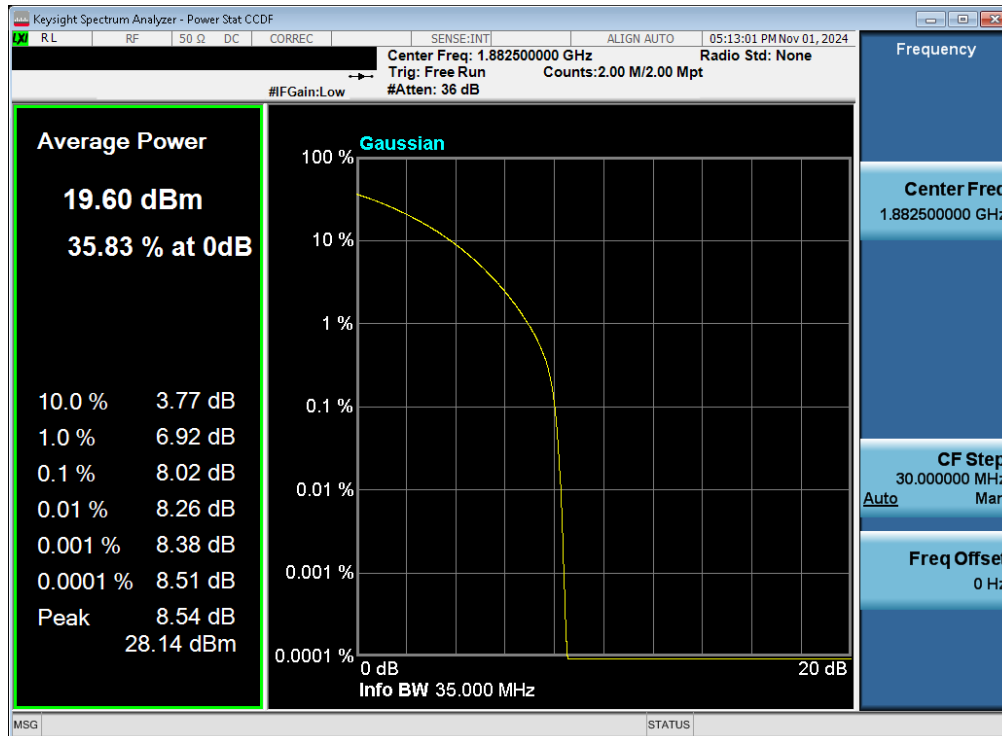


Plot 7-175. PAR Plot (NR Band n25/2 - 40.0MHz CP-OFDM 256-QAM - Full RB - ANT1)

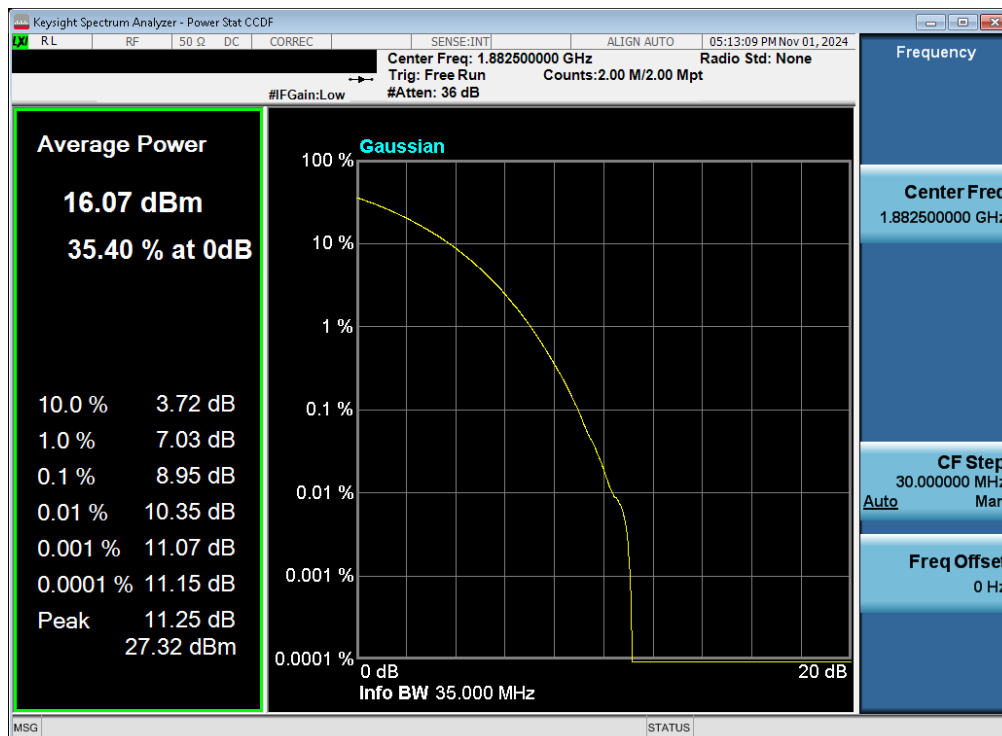


Plot 7-176. PAR Plot (NR Band n25/2 - 35.0MHz DFT-s-OFDM BPSK - Full RB - ANT1)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260069-05.A3L	Test Dates: 09/06/2024 - 11/08/2024	EUT Type: Portable Handset	Page 119 of 175

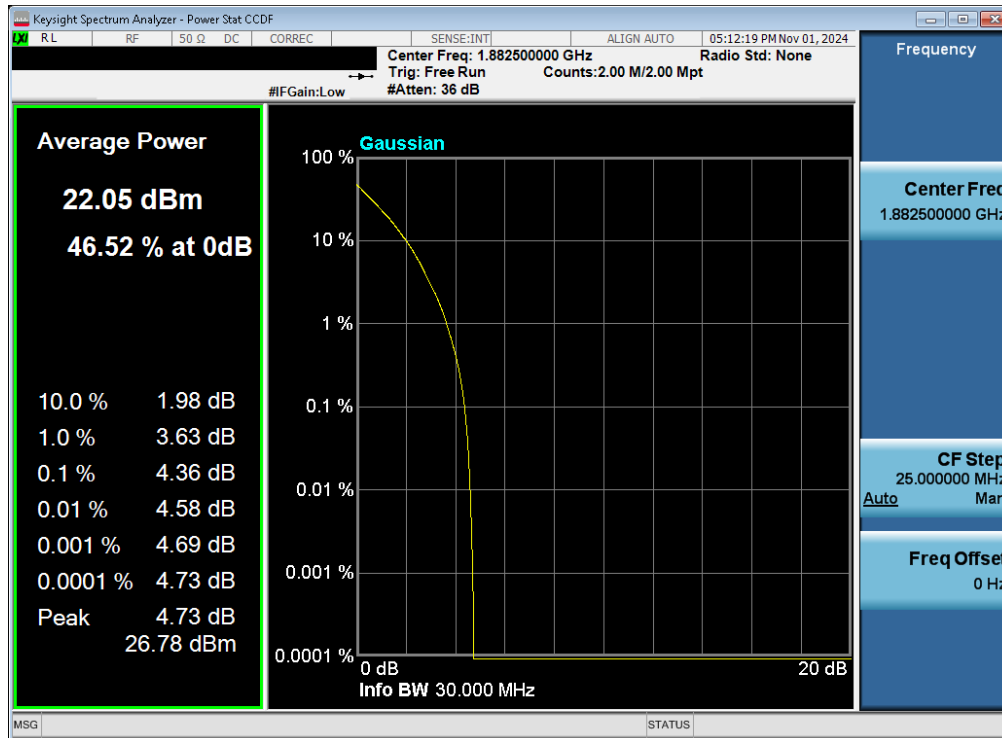


Plot 7-177. PAR Plot (NR Band n25/2 - 35.0MHz CP-OFDM QPSK - Full RB - ANT1)

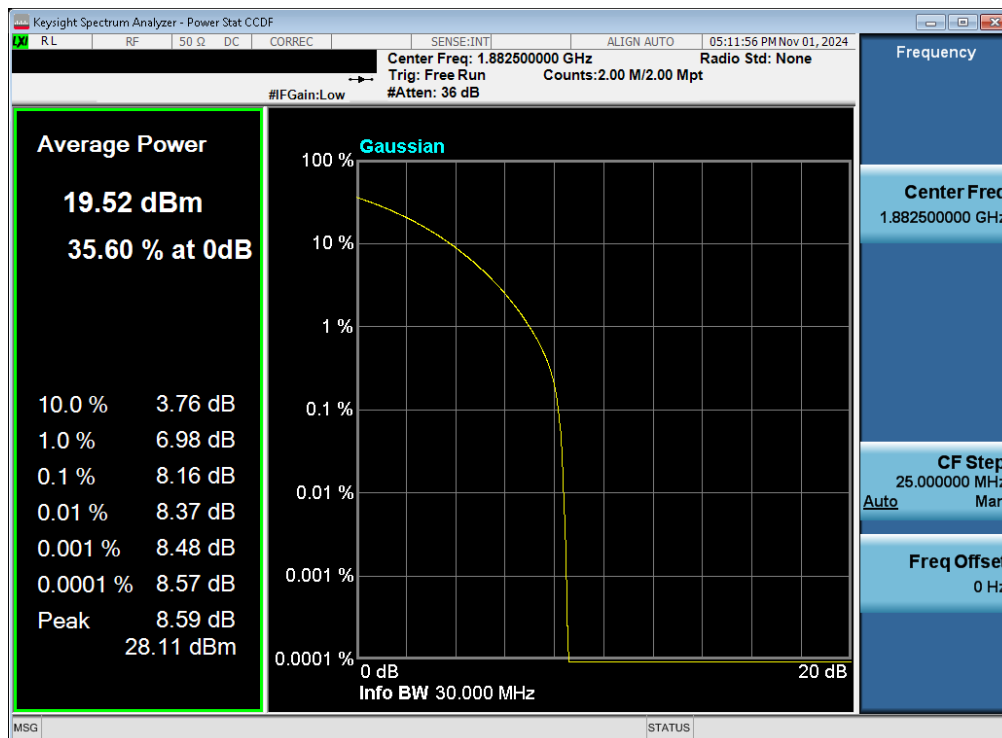


Plot 7-178. PAR Plot (NR Band n25/2 - 35.0MHz CP-OFDM 256-QAM - Full RB - ANT1)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260069-05.A3L	Test Dates: 09/06/2024 - 11/08/2024	EUT Type: Portable Handset	Page 120 of 175

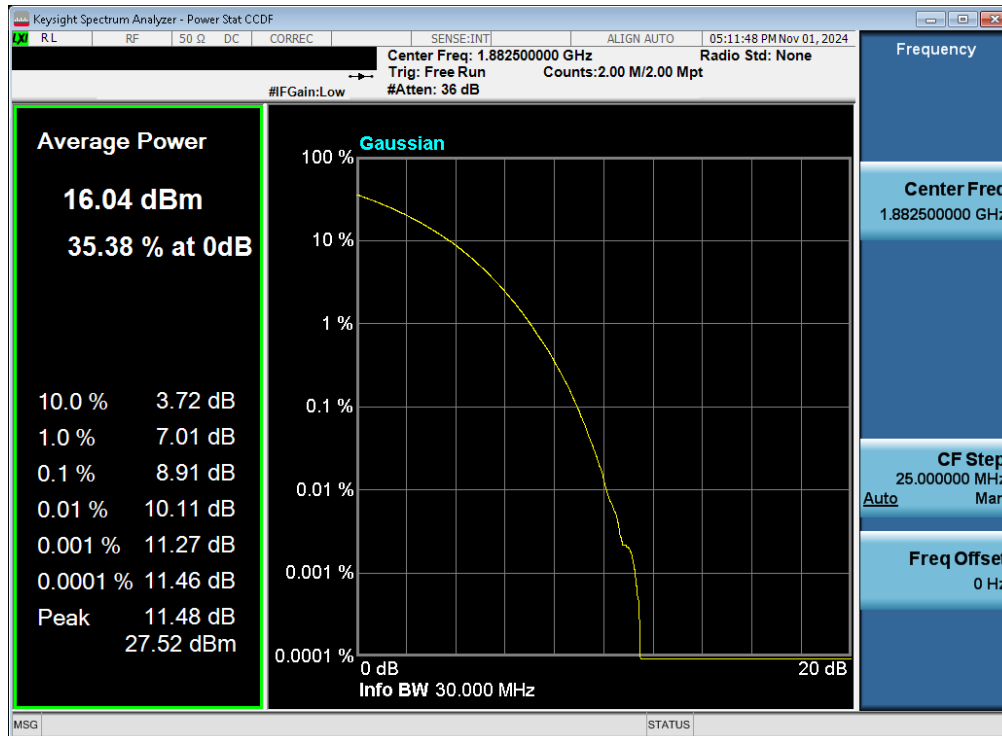


Plot 7-179. PAR Plot (NR Band n25/2 - 30.0MHz DFT-s-OFDM BPSK - Full RB - ANT1)

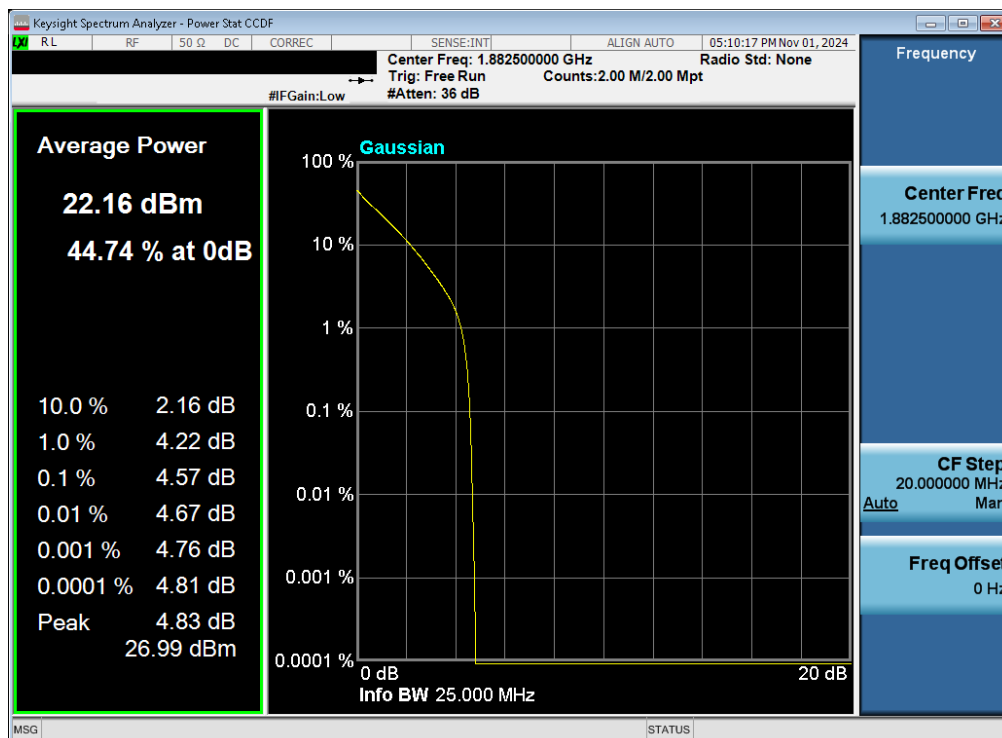


Plot 7-180. PAR Plot (NR Band n25/2 - 30.0MHz CP-OFDM QPSK - Full RB - ANT1)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260069-05.A3L	Test Dates: 09/06/2024 - 11/08/2024	EUT Type: Portable Handset	Page 121 of 175

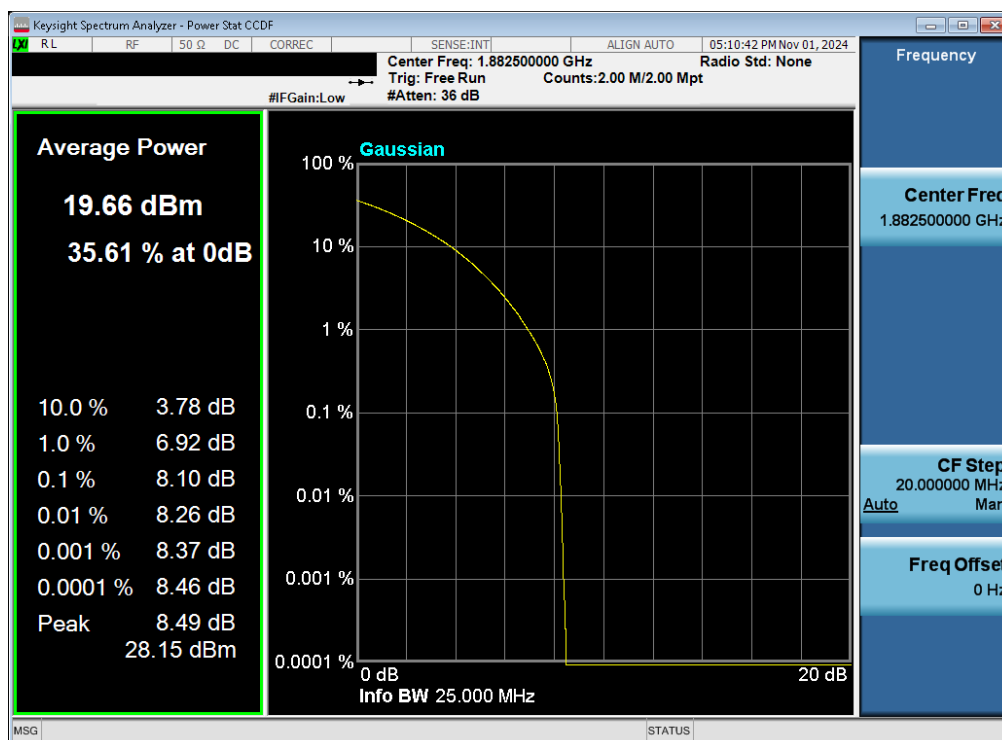


Plot 7-181. PAR Plot (NR Band n25/2 - 30.0MHz CP-OFDM 256-QAM - Full RB - ANT1)

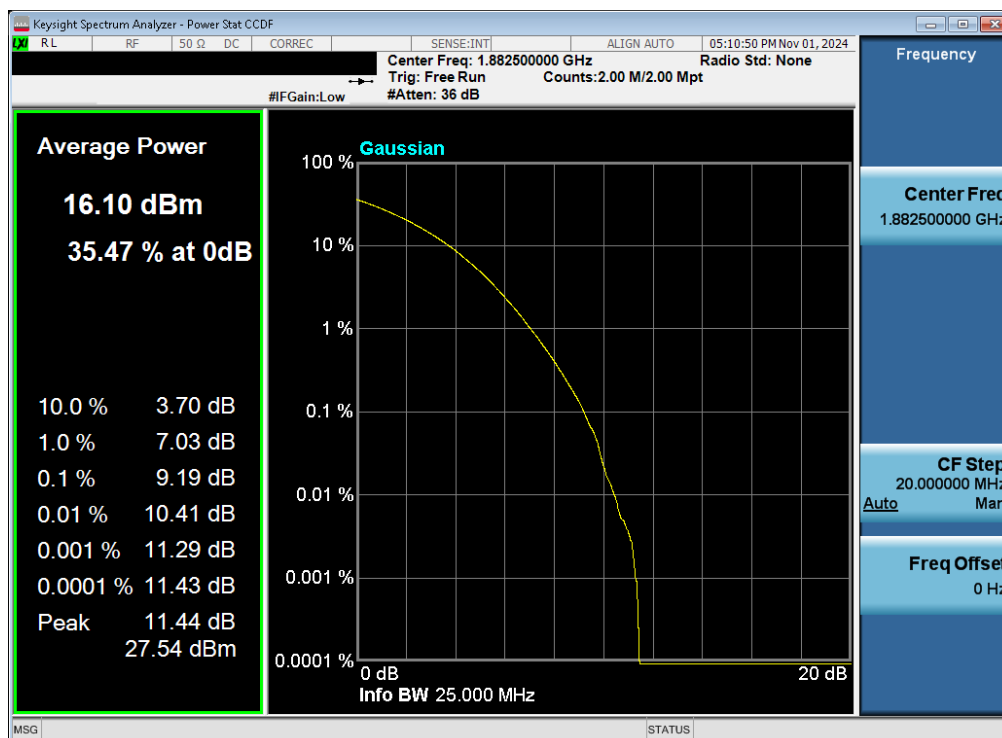


Plot 7-182. PAR Plot (NR Band n25/2 - 25.0MHz DFT-s-OFDM BPSK - Full RB - ANT1)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260069-05.A3L	Test Dates: 09/06/2024 - 11/08/2024	EUT Type: Portable Handset	Page 122 of 175

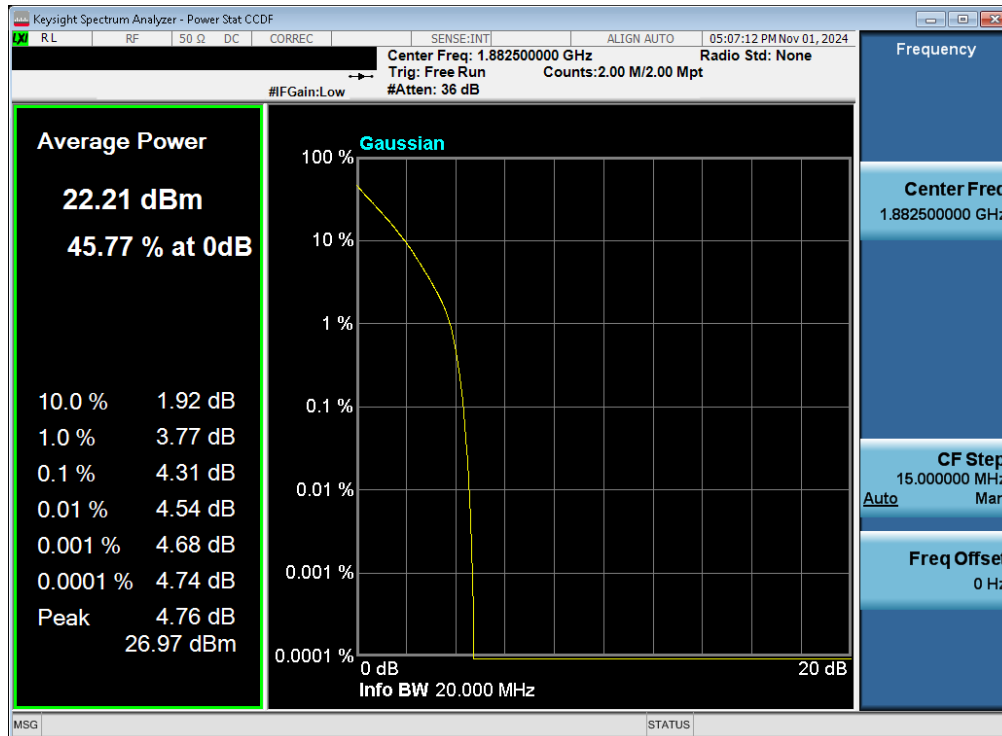


Plot 7-183. PAR Plot (NR Band n25/2 - 25.0MHz CP-OFDM QPSK - Full RB - ANT1)

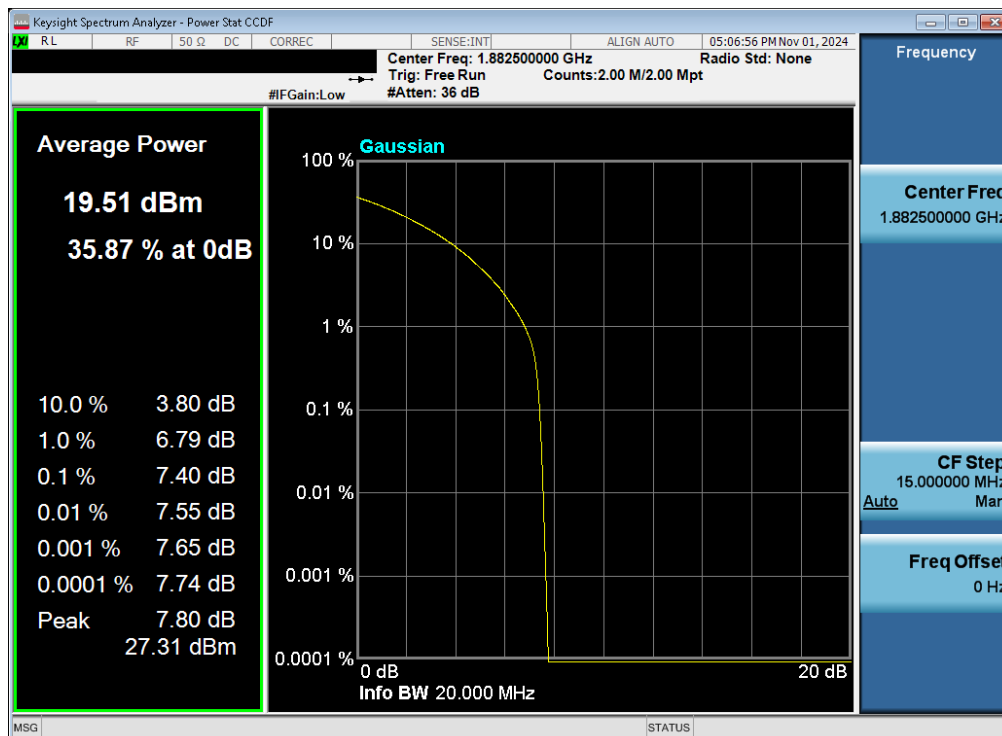


Plot 7-184. PAR Plot (NR Band n25/2 - 25.0MHz CP-OFDM 256-QAM - Full RB - ANT1)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260069-05.A3L	Test Dates: 09/06/2024 - 11/08/2024	EUT Type: Portable Handset	Page 123 of 175



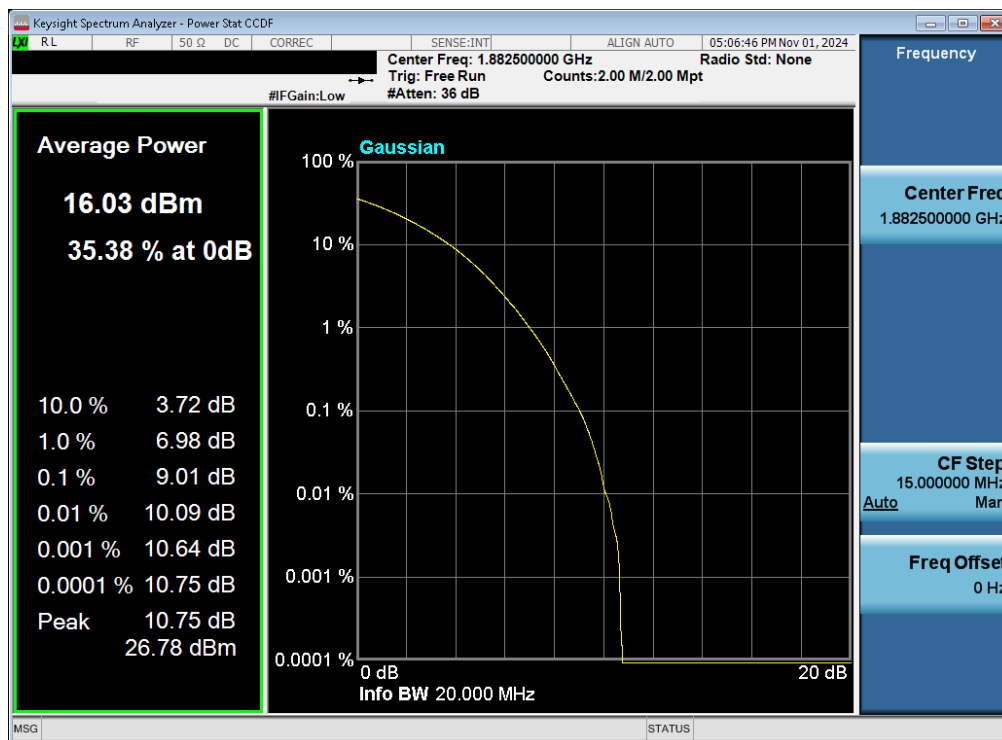
Plot 7-185. PAR Plot (NR Band n25/2 - 20.0MHz DFT-s-OFDM BPSK - Full RB - ANT1)



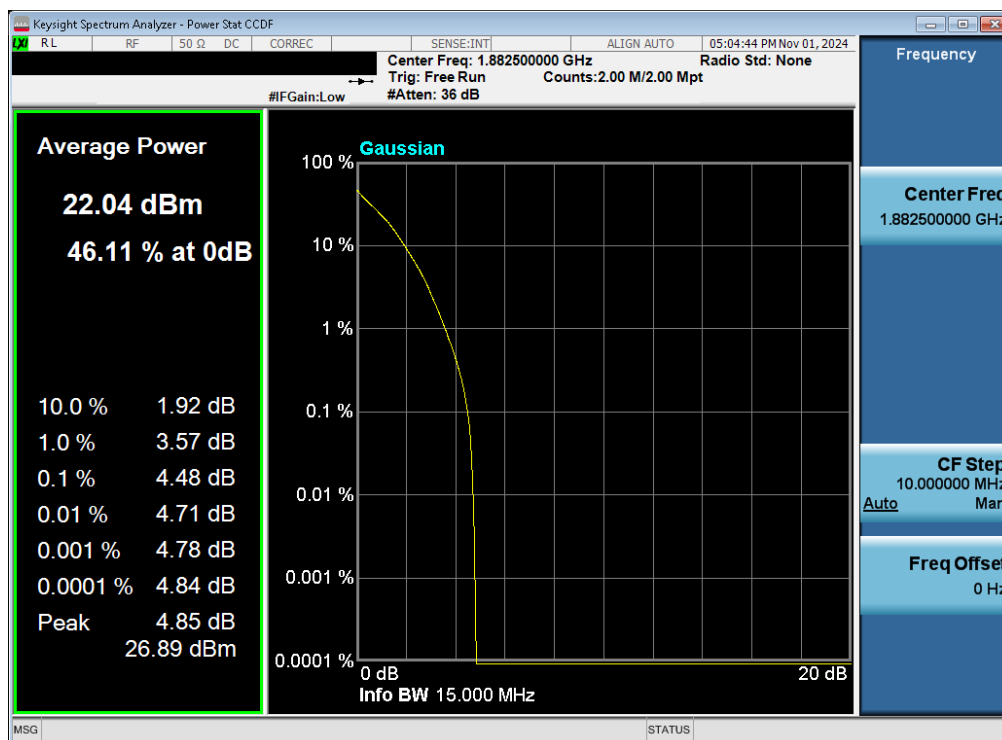
Plot 7-186. PAR Plot (NR Band n25/2 - 20.0MHz CP-OFDM QPSK - Full RB - ANT1)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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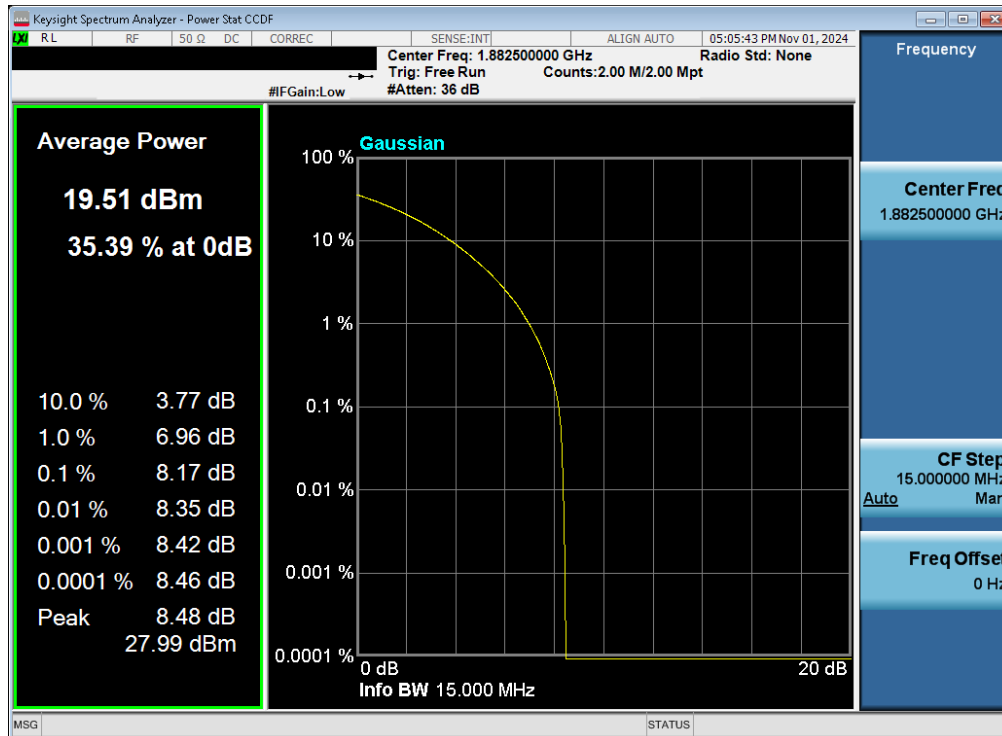


Plot 7-187. PAR Plot (NR Band n25/2 - 20.0MHz CP-OFDM 256-QAM - Full RB - ANT1)

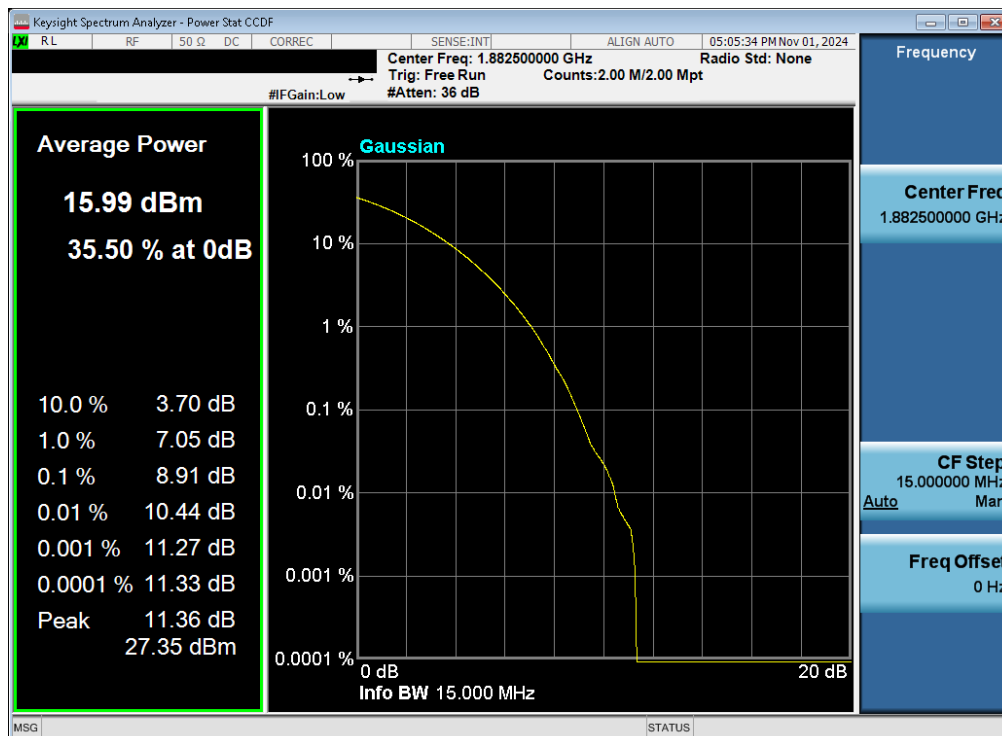


Plot 7-188. PAR Plot (NR Band n25/2 - 15.0MHz DFT-s-OFDM BPSK - Full RB - ANT1)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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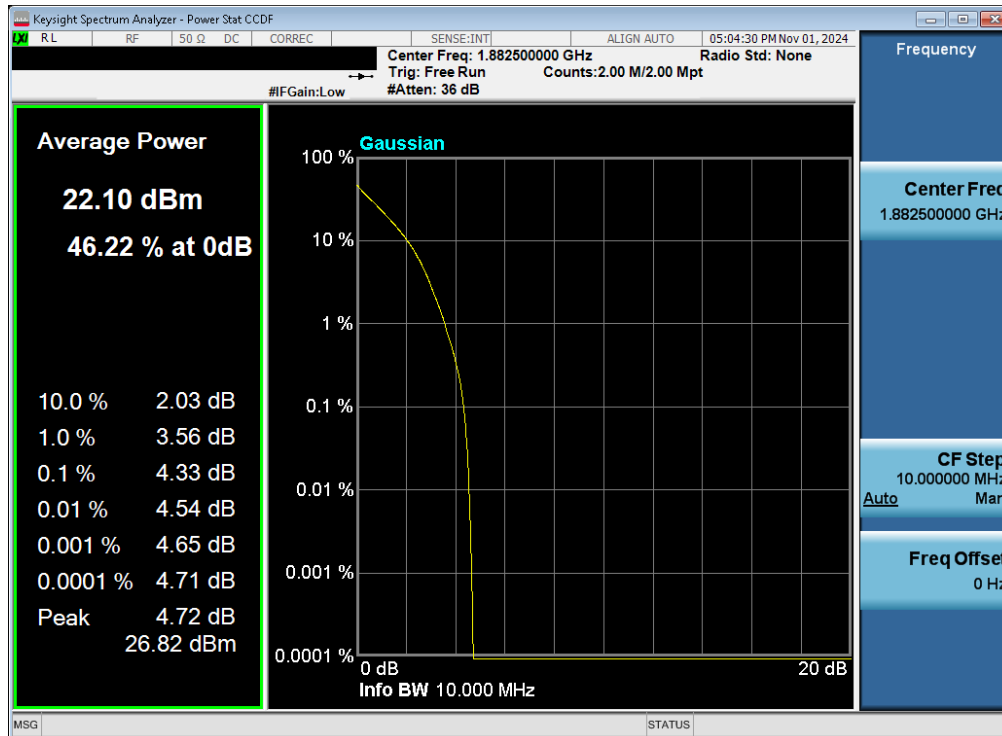


Plot 7-189. PAR Plot (NR Band n25/2 - 15.0MHz CP-OFDM QPSK - Full RB - ANT1)

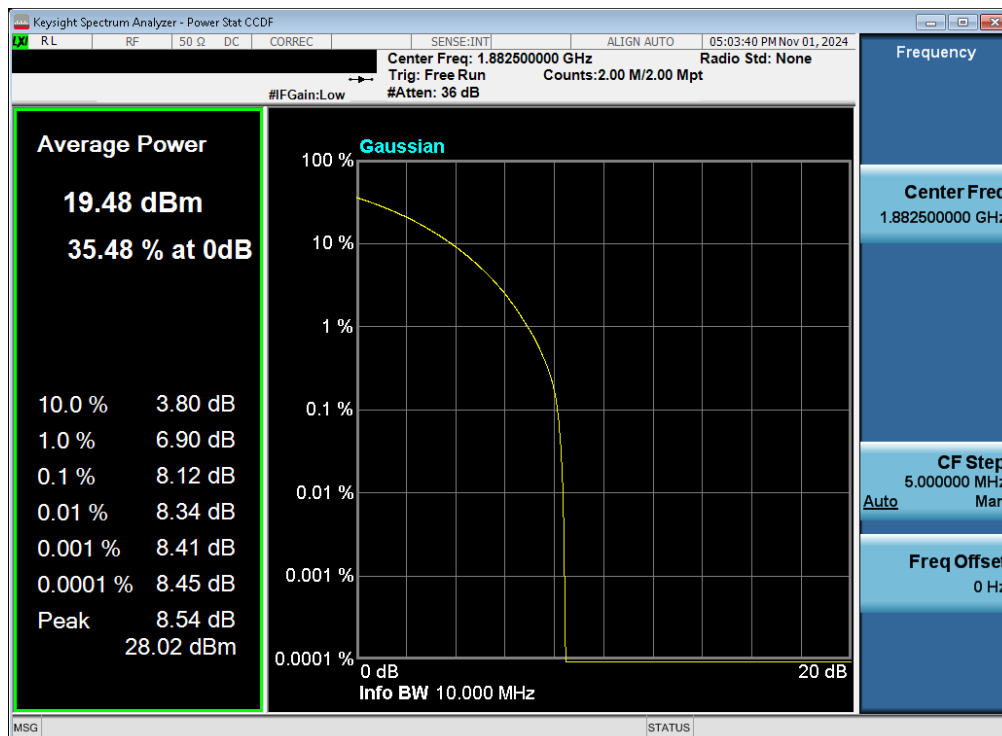


Plot 7-190. PAR Plot (NR Band n25/2 - 15.0MHz CP-OFDM 256-QAM - Full RB - ANT1)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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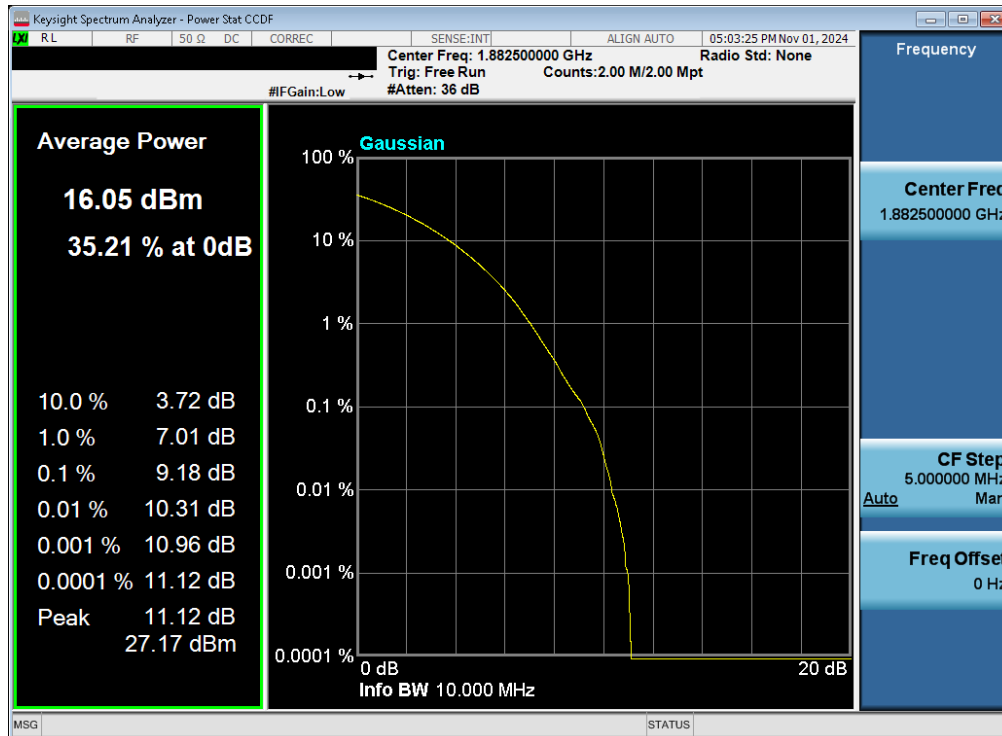


Plot 7-191. PAR Plot (NR Band n25/2 - 10.0MHz DFT-s-OFDM BPSK - Full RB - ANT1)

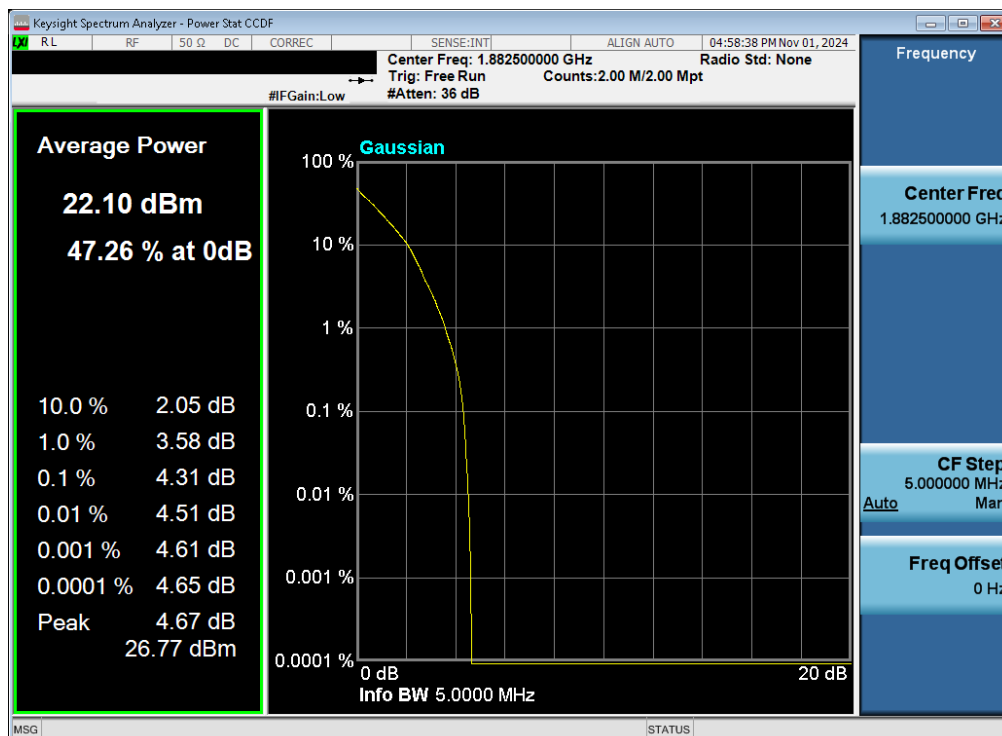


Plot 7-192. PAR Plot (NR Band n25/2 - 10.0MHz CP-OFDM QPSK - Full RB - ANT1)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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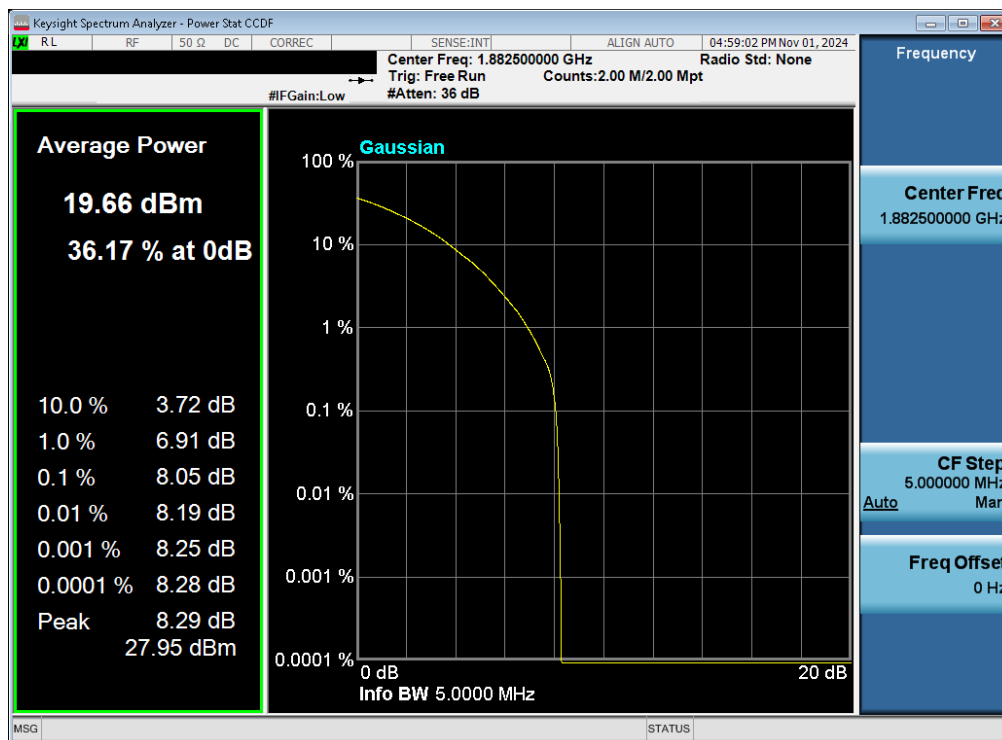


Plot 7-193. PAR Plot (NR Band n25/2 - 10.0MHz CP-OFDM 256-QAM - Full RB - ANT1)

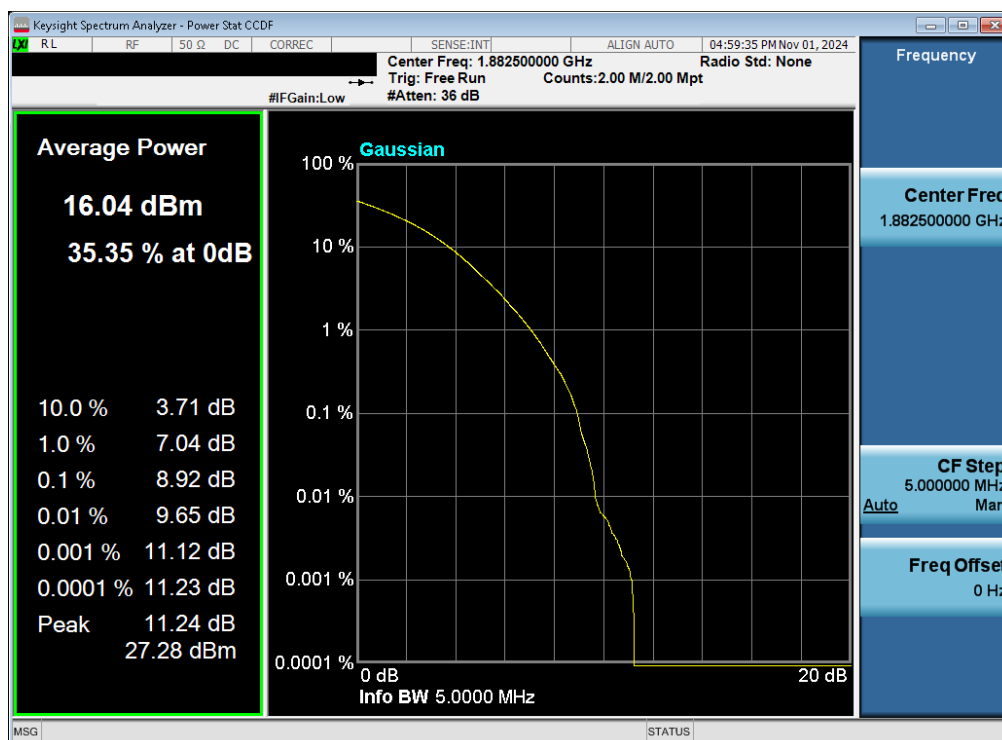


Plot 7-194. PAR Plot (NR Band n25/2 - 5.0MHz DFT-s-OFDM BPSK - Full RB - ANT1)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-195. PAR Plot (NR Band n25/2 - 5.0MHz CP-OFDM QPSK - Full RB - ANT1)



Plot 7-196. PAR Plot (NR Band n25/2 - 5.0MHz CP-OFDM 256-QAM - Full RB - ANT1)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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Mode	Bandwidth	Modulation	Average Power [dBm]	PAR at 0.1% [dB]	PAR Limit [dB]	Margin [dB]
LTE-B25-2	20MHz	QPSK	22.37	4.87	13	-8.13
		256QAM	18.36	6.82	13	-6.18
	15MHz	QPSK	22.35	4.93	13	-8.07
		256QAM	18.37	6.82	13	-6.18
	10MHz	QPSK	22.41	4.87	13	-8.13
		256QAM	18.41	6.80	13	-6.20
	5MHz	QPSK	22.40	4.87	13	-8.13
		256QAM	18.39	6.79	13	-6.21
	3MHz	QPSK	22.41	4.72	13	-8.28
		256QAM	18.41	6.83	13	-6.17
	1.4MHz	QPSK	22.38	4.84	13	-8.16
		256QAM	18.44	6.88	13	-6.12

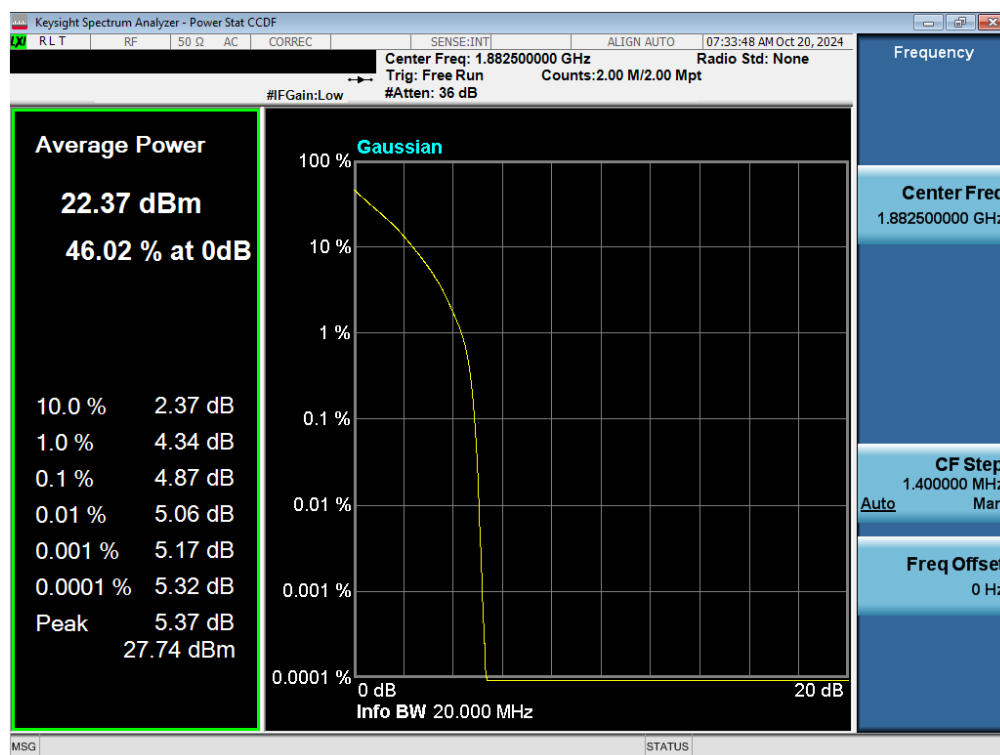
**Table 7-14. PAR Test Results – Ant2**

Mode	Bandwidth	Modulation	Average Power [dBm]	PAR at 0.1% [dB]	PAR Limit [dB]	Margin [dB]
NR-n25-2	40MHz	BPSK	22.05	4.91	13	-8.09
		QPSK	19.50	7.76	13	-5.24
		256QAM	15.95	8.94	13	-4.06
	35MHz	BPSK	22.00	4.21	13	-8.79
		QPSK	19.44	7.87	13	-5.13
		256QAM	15.98	8.92	13	-4.08
	30MHz	BPSK	21.96	4.24	13	-8.76
		QPSK	19.42	7.96	13	-5.04
		256QAM	15.96	8.92	13	-4.09
	25MHz	BPSK	22.00	4.58	13	-8.42
		QPSK	19.57	7.95	13	-5.05
		256QAM	16.00	9.16	13	-3.84
	20MHz	BPSK	22.02	4.30	13	-8.70
		QPSK	19.46	8.03	13	-4.97
		256QAM	15.87	8.91	13	-4.09
	15MHz	BPSK	21.96	4.42	13	-8.58
		QPSK	19.46	8.02	13	-4.98
		256QAM	15.87	8.84	13	-4.16
	10MHz	BPSK	21.95	4.33	13	-8.67
		QPSK	19.55	7.84	13	-5.16
		256QAM	15.94	9.11	13	-3.89
	5MHz	BPSK	21.99	4.39	13	-8.61
		QPSK	19.50	8.04	13	-4.96
		256QAM	15.93	8.86	13	-4.14

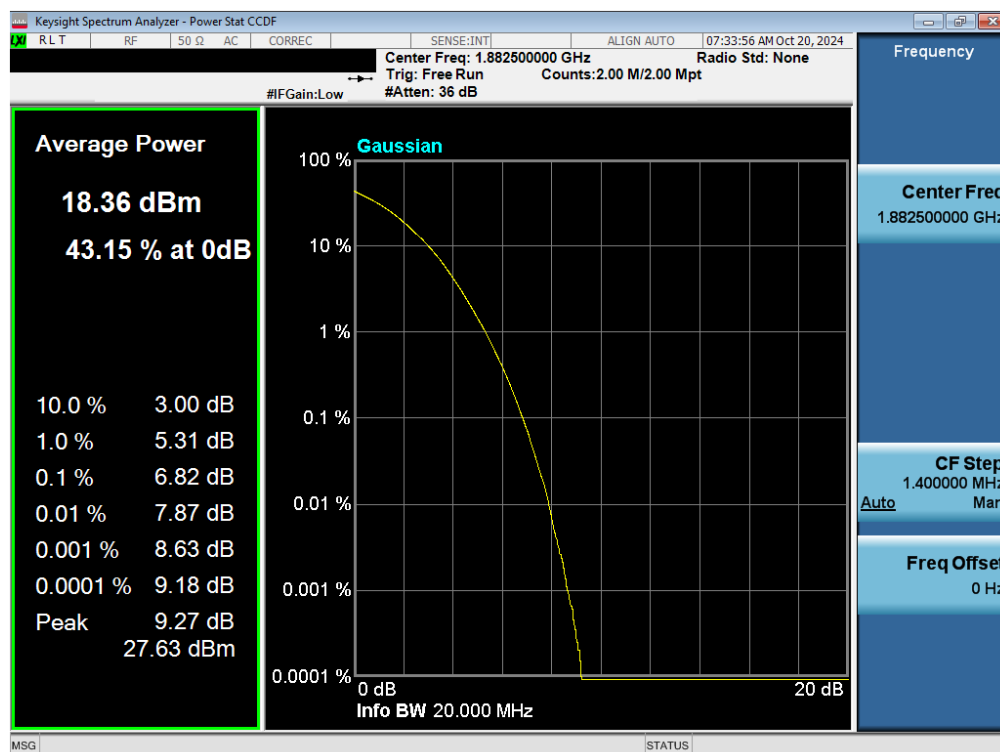
**Table 7-15. PAR Test Results – Ant2**

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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## LTE Band 25/2 – Ant2

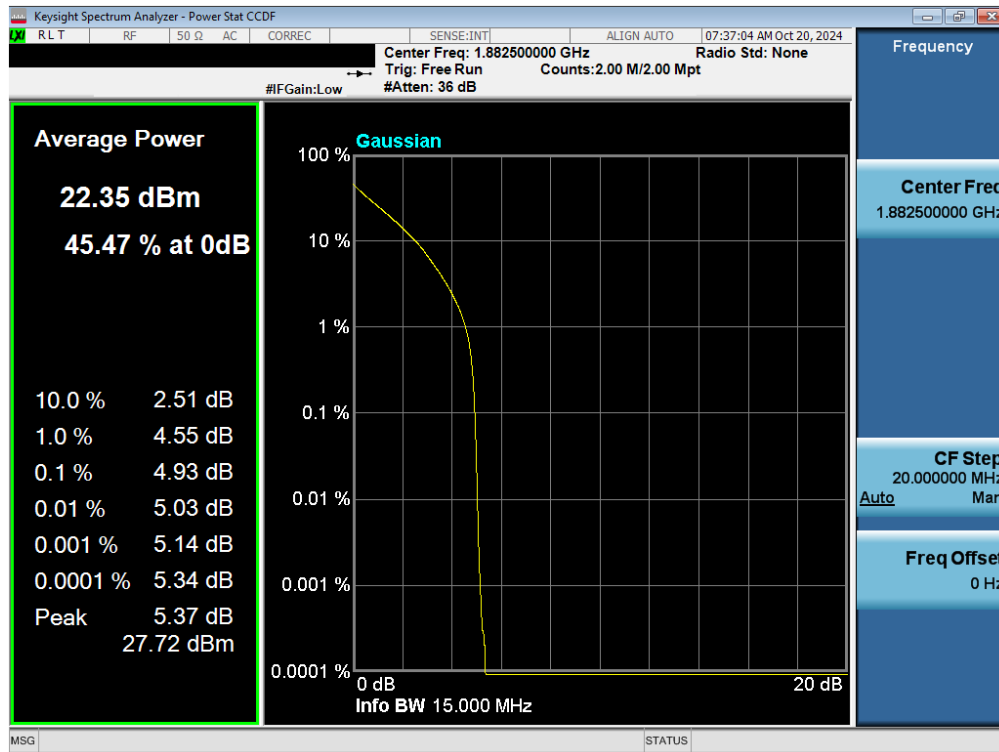


Plot 7-197. PAR Plot (LTE Band 25/2 - 20MHz QPSK - Full RB - Ant2)

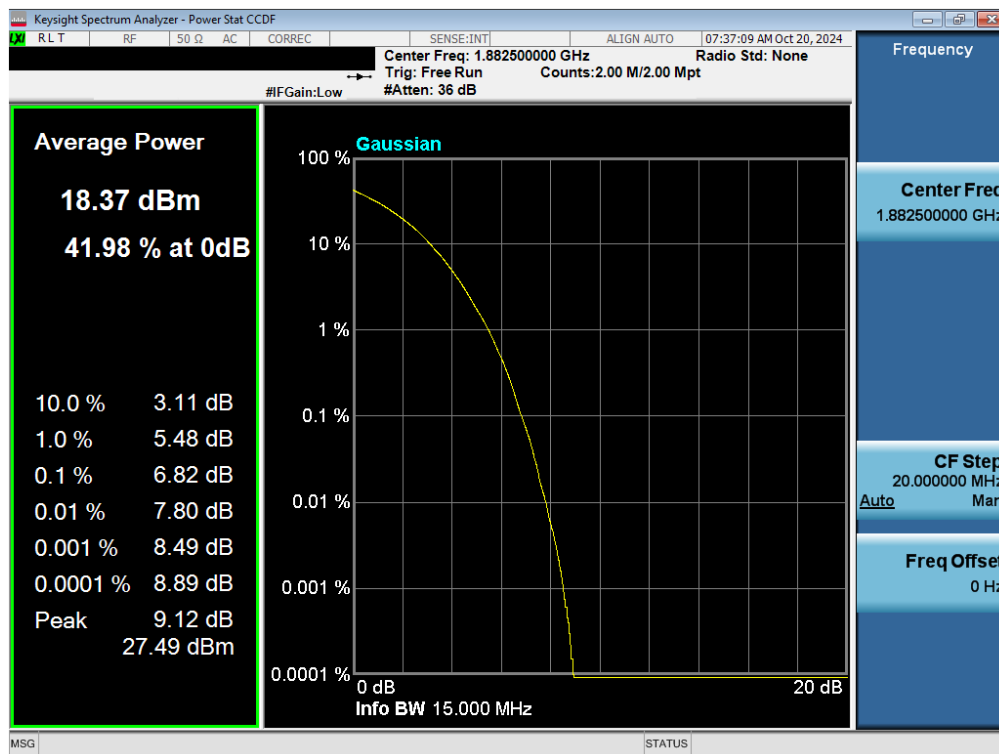


Plot 7-198. PAR Plot (LTE Band 25/2 - 20MHz 256-QAM - Full RB - Ant2)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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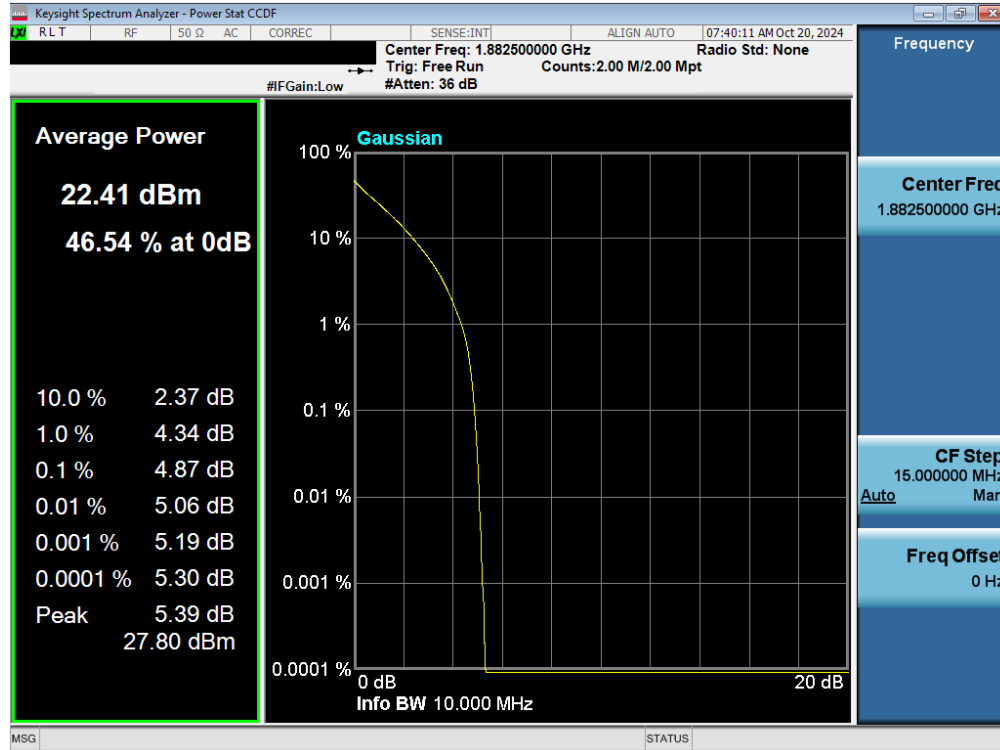
Plot 7-199. PAR Plot (LTE Band 25/2 - 15MHz QPSK - Full RB - Ant2)



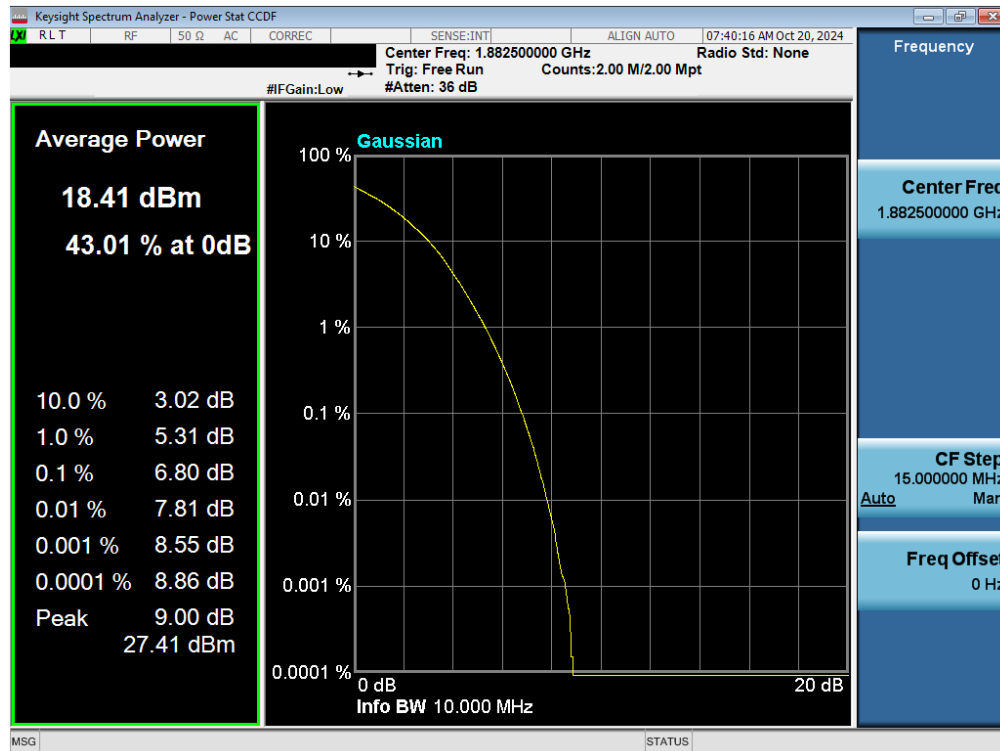
Plot 7-200. PAR Plot (LTE Band 25/2 - 15MHz 256-QAM - Full RB - Ant2)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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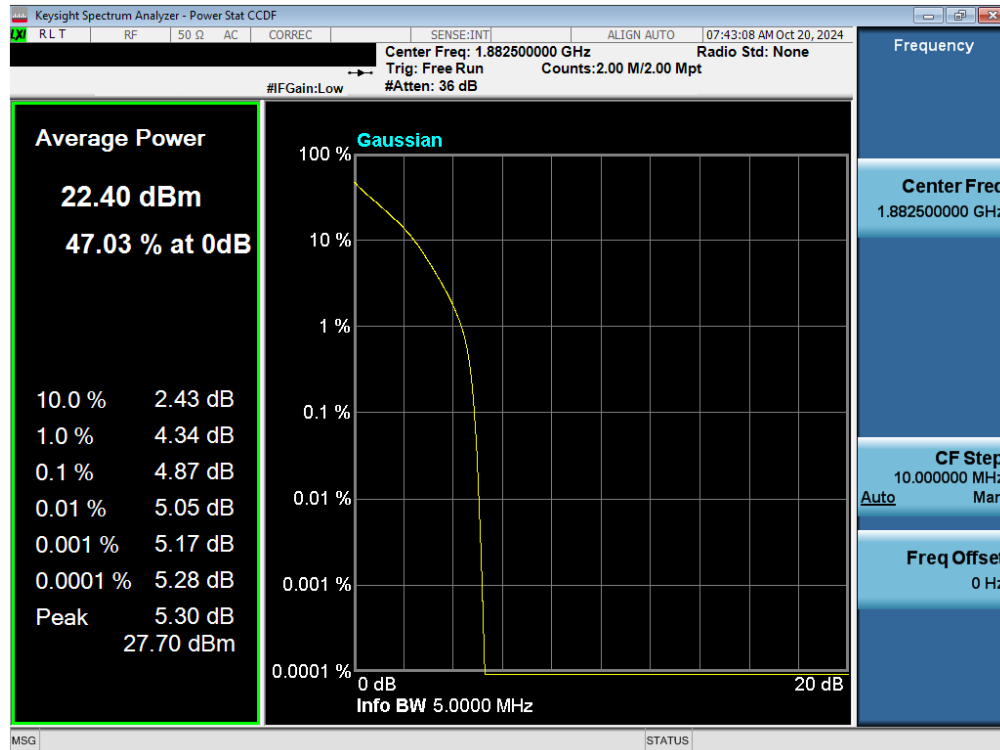


Plot 7-201. PAR Plot (LTE Band 25/2 - 10MHz QPSK - Full RB - Ant2)

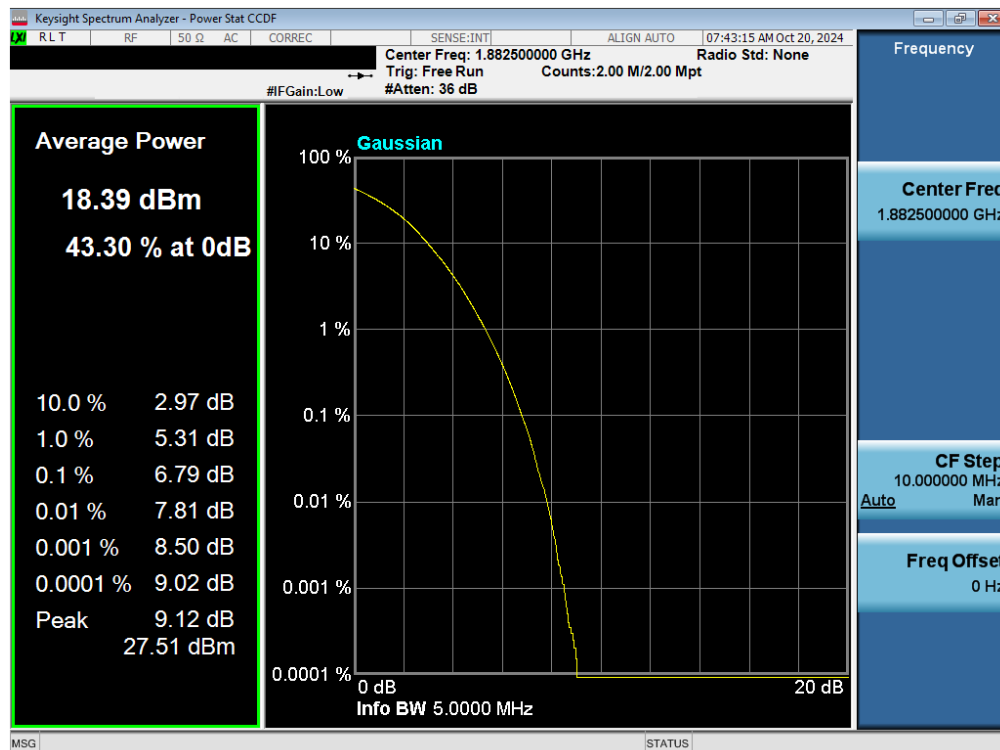


Plot 7-202. PAR Plot (LTE Band 25/2 - 10MHz 256-QAM - Full RB - Ant2)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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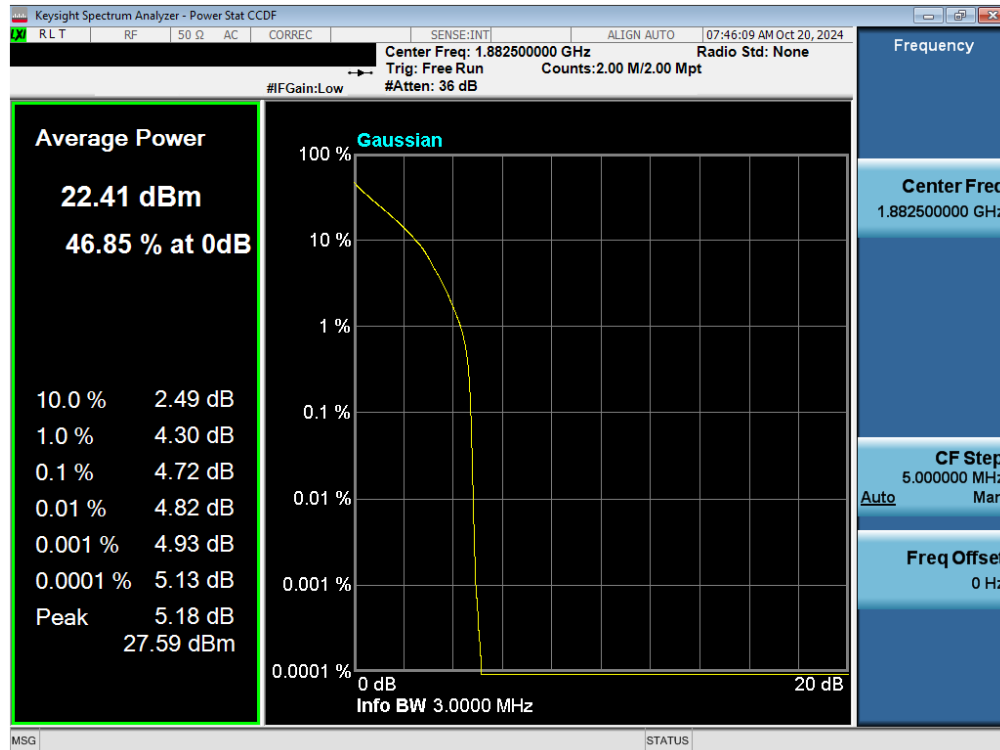


Plot 7-203. PAR Plot (LTE Band 25/2 - 5MHz QPSK - Full RB - Ant2)

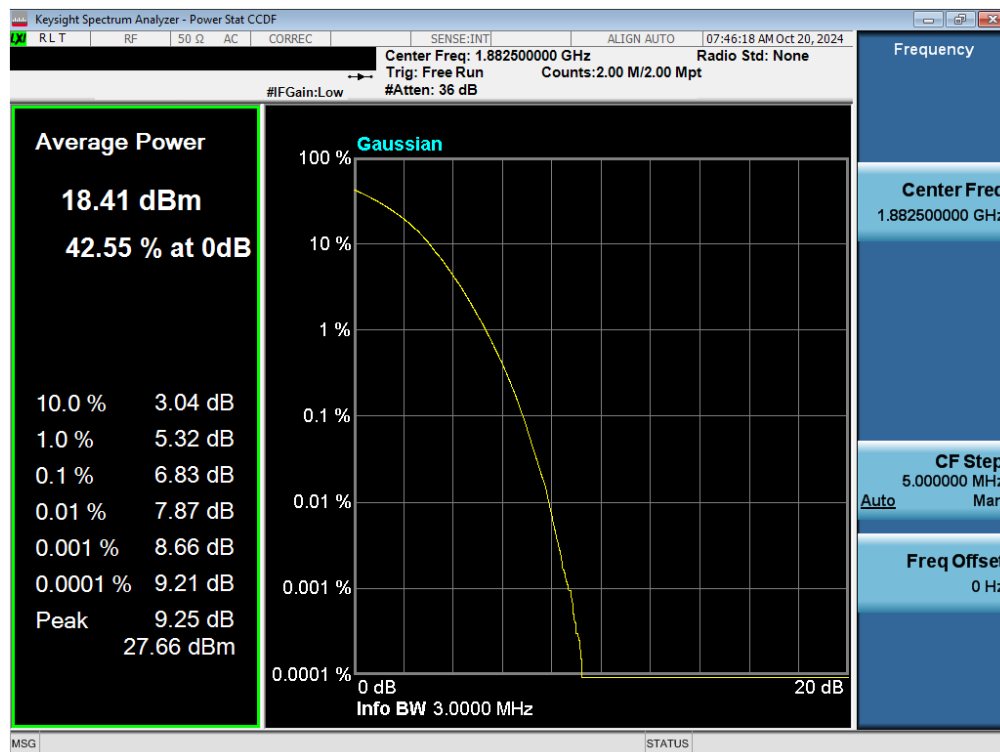


Plot 7-204. PAR Plot (LTE Band 25/2 - 5MHz 256-QAM - Full RB - Ant2)

FCC ID: A3LSMS938B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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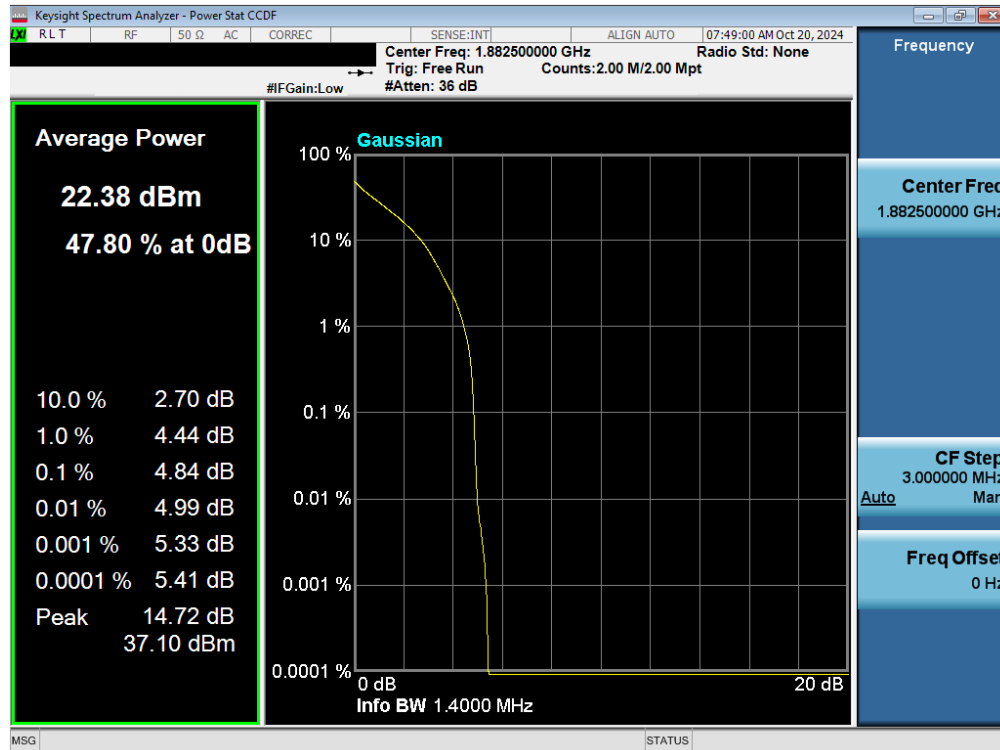


Plot 7-205. PAR Plot (LTE Band 25/2 - 3MHz QPSK - Full RB - Ant2)

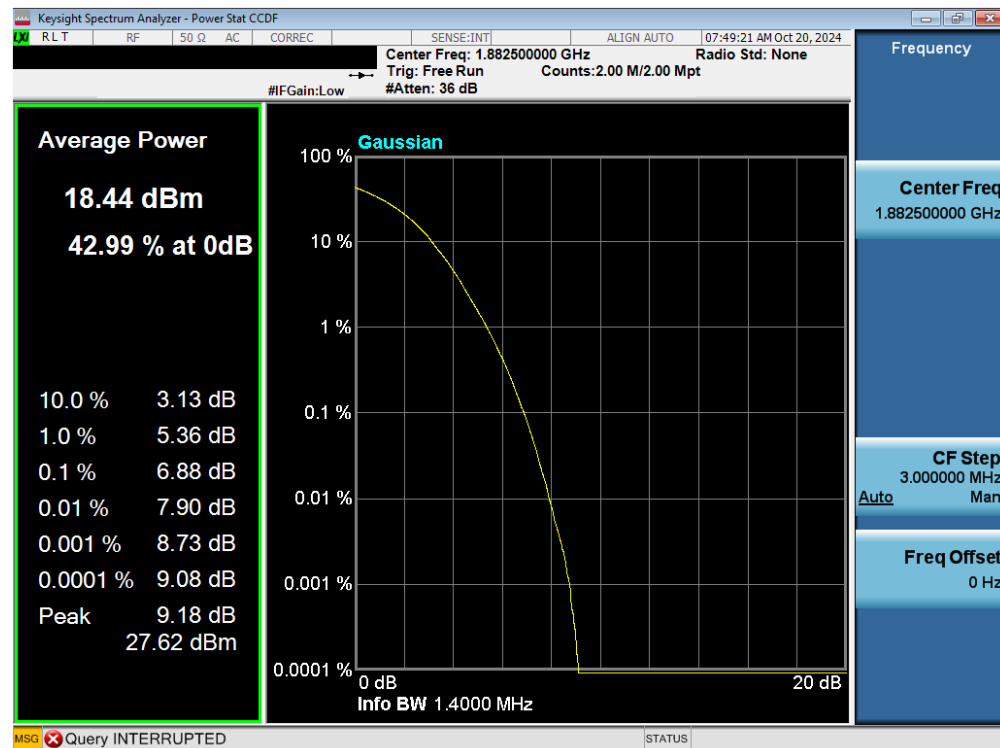


Plot 7-206. PAR Plot (LTE Band 25/2 - 3MHz 256-QAM - Full RB - Ant2)

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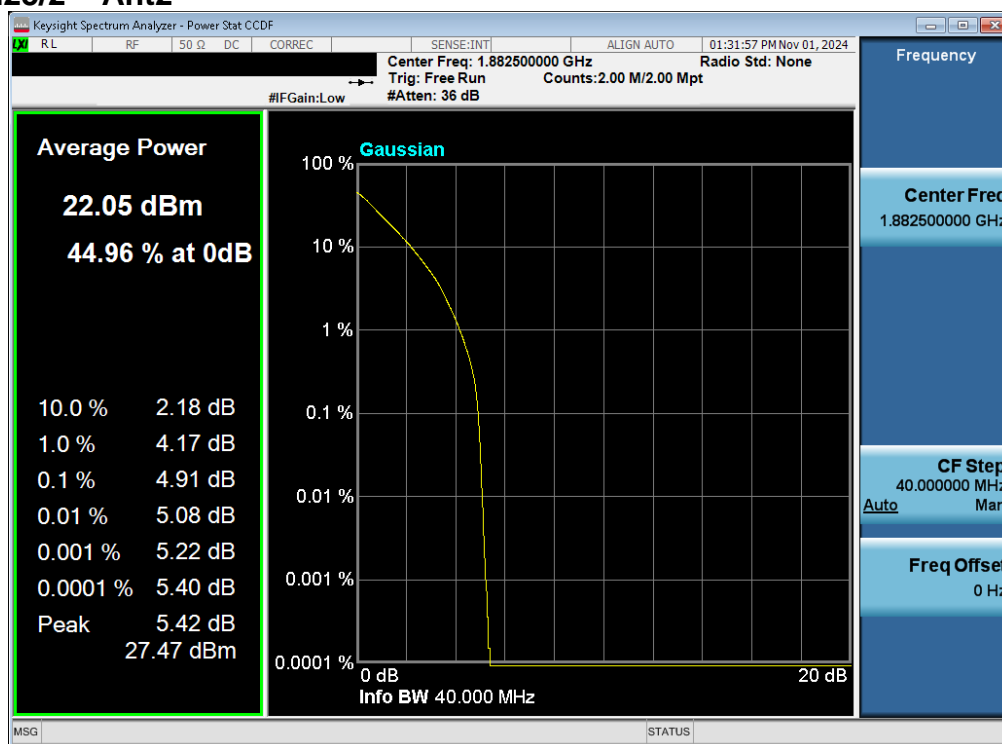
Plot 7-207. PAR Plot (LTE Band 25/2 - 1.4MHz QPSK - Full RB - Ant2)



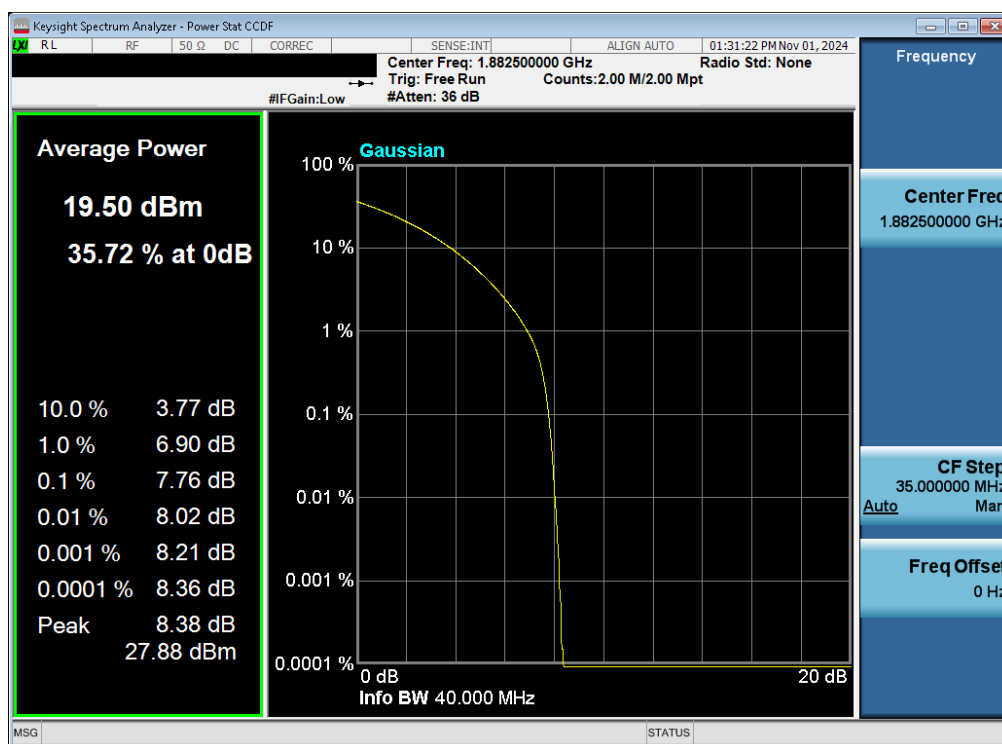
Plot 7-208. PAR Plot (LTE Band 25/2 - 1.4MHz 256-QAM - Full RB - Ant2)

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## NR Band n25/2 – Ant2



Plot 7-209. PAR Plot (NR Band n25/2 - 40.0MHz DFT-s-OFDM BPSK - Full RB - ANT2)



Plot 7-210. PAR Plot (NR Band n25/2 - 40.0MHz CP-OFDM QPSK - Full RB - ANT2)

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