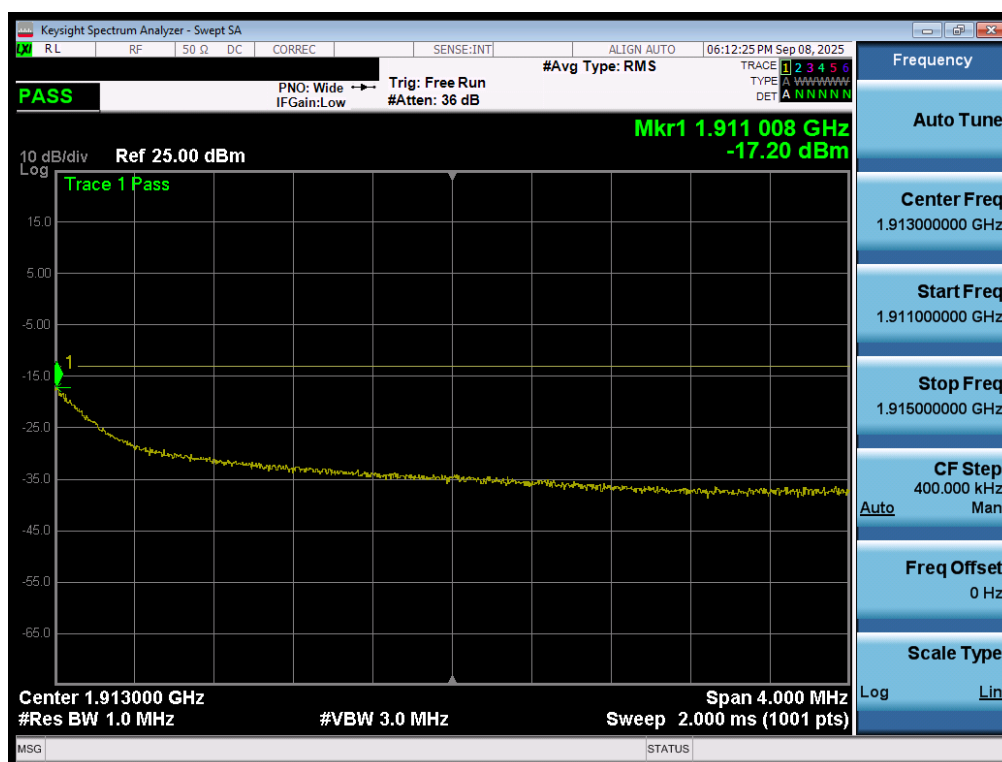




Plot 7-107. Upper Band Edge Plot (WCDMA PCS – Ch. 9538 - Ant1)



Plot 7-108. Extended Upper Band Edge Plot (WCDMA PCS – Ch. 9538 - Ant1)

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Mode	Bandwidth	Channel	Test Case	Level [dBm]	Limit [dBm]	Margin [dB]
LTE-B25-2	20MHz	Low	Band Edge	-31.63	-13	-18.63
		Low	Extended	-27.04	-13	-14.04
		High [B2]	Band Edge	-31.94	-13	-18.94
		High [B25]	Band Edge	-31.96	-13	-18.96
		High [B2]	Extended	-26.15	-13	-13.15
		High [B25]	Extended	-27.08	-13	-14.08
	15MHz	Low	Band Edge	-30.48	-13	-17.47
		Low	Extended	-25.99	-13	-12.99
		High [B2]	Band Edge	-31.63	-13	-18.63
		High [B25]	Band Edge	-30.61	-13	-17.61
		High [B2]	Extended	-25.68	-13	-12.68
		High [B25]	Extended	-25.52	-13	-12.52
	10MHz	Low	Band Edge	-29.35	-13	-16.35
		Low	Extended	-22.64	-13	-9.64
		High [B2]	Band Edge	-29.31	-13	-16.31
		High [B25]	Band Edge	-30.82	-13	-17.82
		High [B2]	Extended	-22.03	-13	-9.03
		High [B25]	Extended	-22.85	-13	-9.85
	5MHz	Low	Band Edge	-25.66	-13	-12.65
		Low	Extended	-25.03	-13	-12.03
		High [B2]	Band Edge	-25.28	-13	-12.28
		High [B25]	Band Edge	-26.32	-13	-13.32
		High [B2]	Extended	-23.09	-13	-10.09
		High [B25]	Extended	-25.74	-13	-12.74
	3MHz	Low	Band Edge	-25.43	-13	-12.43
		Low	Extended	-24.56	-13	-11.56
		High [B2]	Band Edge	-23.97	-13	-10.97
		High [B25]	Band Edge	-25.54	-13	-12.54
		High [B2]	Extended	-22.68	-13	-9.68
		High [B25]	Extended	-24.47	-13	-11.47
	1.4MHz	Low	Band Edge	-25.47	-13	-12.47
		Low	Extended	-30.91	-13	-17.91
		High [B2]	Band Edge	-25.73	-13	-12.73
		High [B25]	Band Edge	-24.38	-13	-11.38
		High [B2]	Extended	-28.82	-13	-15.82
		High [B25]	Extended	-32.28	-13	-19.28

Table 7-14. Conducted Band Edge Results – Ant2

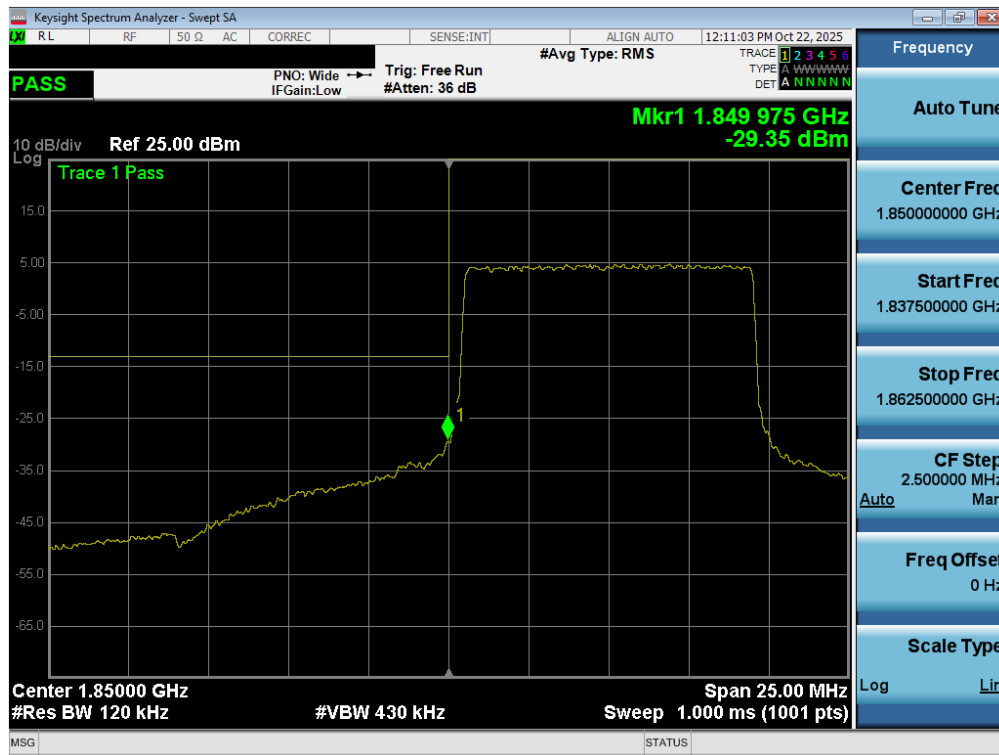
FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508250079-07.A3L	Test Dates: 9/2/2025 - 11/14/2025	EUT Type: Portable Handset	Page 89 of 166

Mode	Bandwidth	Channel	Test Case	Level [dBm]	Limit [dBm]	Margin [dB]
NR-n25-2	40MHz	Low	Band Edge	-27.75	-13	-14.75
		Low	Extended	-29.18	-13	-16.18
		High [n2]	Band Edge	-26.59	-13	-13.59
		High [n25]	Band Edge	-28.00	-13	-15.00
		High [n2]	Extended	-30.54	-13	-17.54
		High [n25]	Extended	-31.20	-13	-18.20
	30MHz	Low	Band Edge	-32.03	-13	-19.03
		Low	Extended	-28.82	-13	-15.82
		High [n2]	Band Edge	-34.10	-13	-21.10
		High [n25]	Band Edge	-34.18	-13	-21.18
		High [n2]	Extended	-30.30	-13	-17.30
		High [n25]	Extended	-30.69	-13	-17.69
	25MHz	Low	Band Edge	-31.84	-13	-18.84
		Low	Extended	-28.62	-13	-15.62
		High [n2]	Band Edge	-33.85	-13	-20.85
		High [n25]	Band Edge	-34.12	-13	-21.12
		High [n2]	Extended	-30.36	-13	-17.36
		High [n25]	Extended	-30.50	-13	-17.50
	20MHz	Low	Band Edge	-30.10	-13	-17.10
		Low	Extended	-25.87	-13	-12.87
		High [n2]	Band Edge	-31.00	-13	-18.00
		High [n25]	Band Edge	-30.70	-13	-17.70
		High [n2]	Extended	-26.30	-13	-13.30
		High [n25]	Extended	-26.86	-13	-13.86
	15MHz	Low	Band Edge	-27.57	-13	-14.57
		Low	Extended	-22.86	-13	-9.86
		High [n2]	Band Edge	-27.15	-13	-14.15
		High [n25]	Band Edge	-27.58	-13	-14.58
		High [n2]	Extended	-23.14	-13	-10.14
		High [n25]	Extended	-23.70	-13	-10.70
	10MHz	Low	Band Edge	-24.51	-13	-11.51
		Low	Extended	-18.42	-13	-5.42
		High [n2]	Band Edge	-28.70	-13	-15.70
		High [n25]	Band Edge	-26.82	-13	-13.82
		High [n2]	Extended	-19.30	-13	-6.30
		High [n25]	Extended	-19.55	-13	-6.55
	5MHz	Low	Band Edge	#N/A	-13	#N/A
		Low	Extended	#N/A	-13	#N/A
		High [n2]	Band Edge	#N/A	-13	#N/A
		High [n25]	Band Edge	#N/A	-13	#N/A
		High [n2]	Extended	#N/A	-13	#N/A
		High [n25]	Extended	#N/A	-13	#N/A

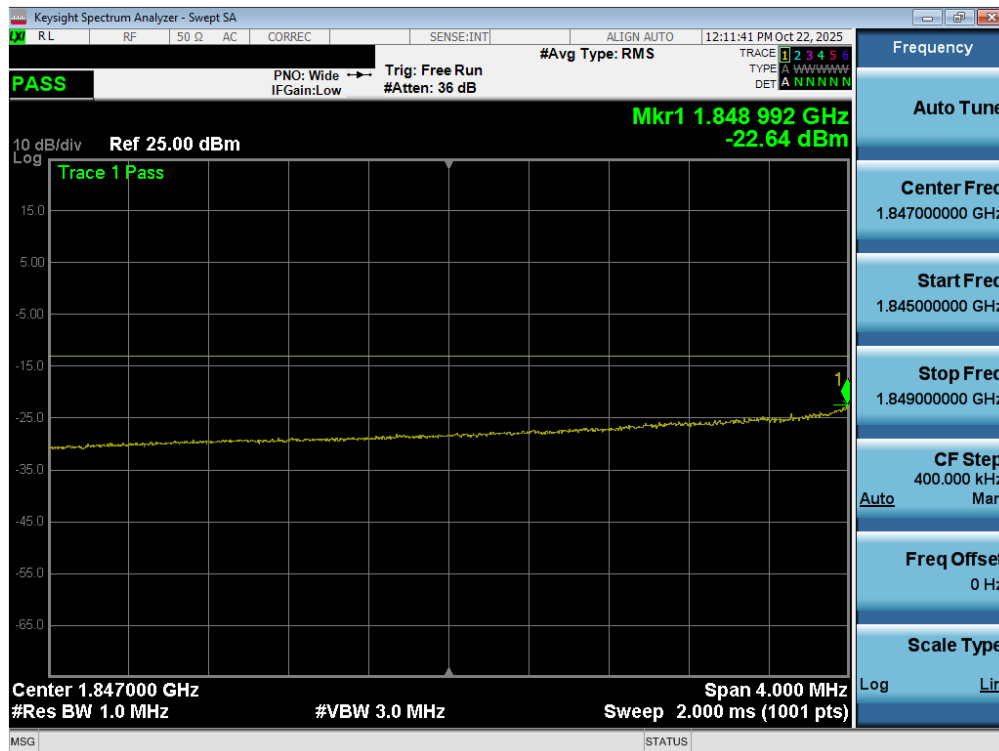
Table 7-15. Conducted Band Edge Results – Ant2

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 25/2 – Ant2



Plot 7-109. Lower Band Edge Plot (LTE Band 25/2 - 10MHz QPSK – Full RB - Ant2)

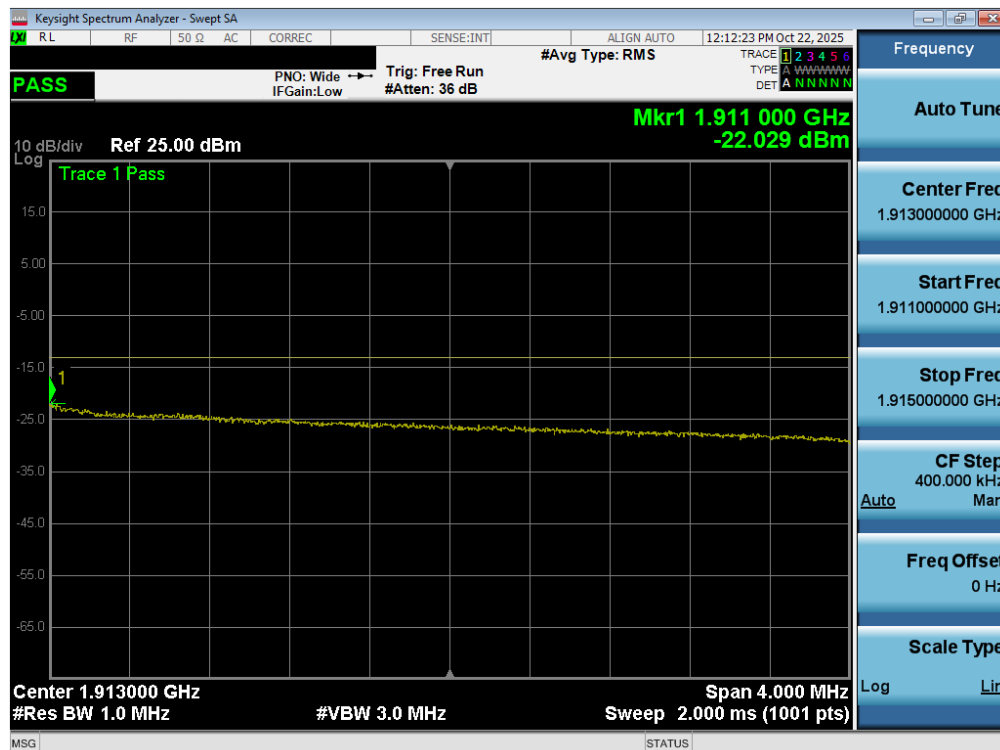


Plot 7-110. Extended Lower Band Edge Plot (LTE Band 25/2 - 10MHz QPSK – Full RB - Ant2)

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-111. Upper Band Edge Plot (LTE Band 2 - 10MHz QPSK – Full RB - Ant2)



Plot 7-112. Extended Upper Band Edge Plot (LTE Band 2 - 10MHz QPSK – Full RB - Ant2)

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-113. Upper Band Edge Plot (LTE Band 25 - 10MHz QPSK – Full RB - Ant2)



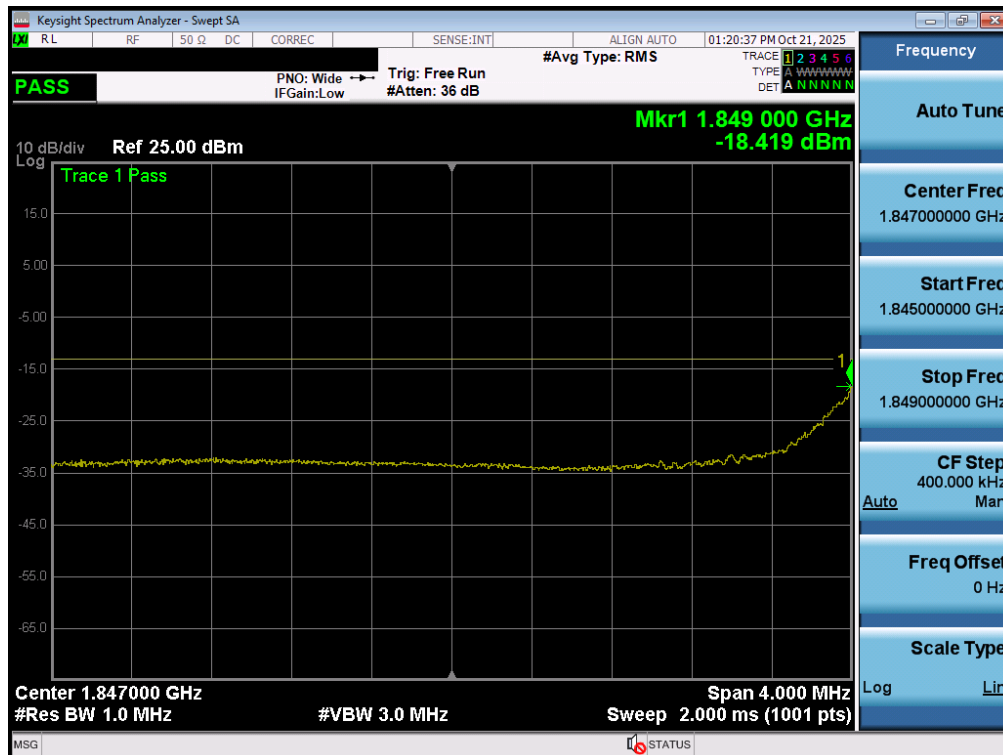
Plot 7-114. Extended Upper Band Edge Plot (LTE Band 25 - 10MHz QPSK – Full RB - Ant2)

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n25/2 – Ant2



Plot 7-115. Lower Band Edge Plot (NR Band n25/2 - 10MHz QPSK – Full RB - Ant2)

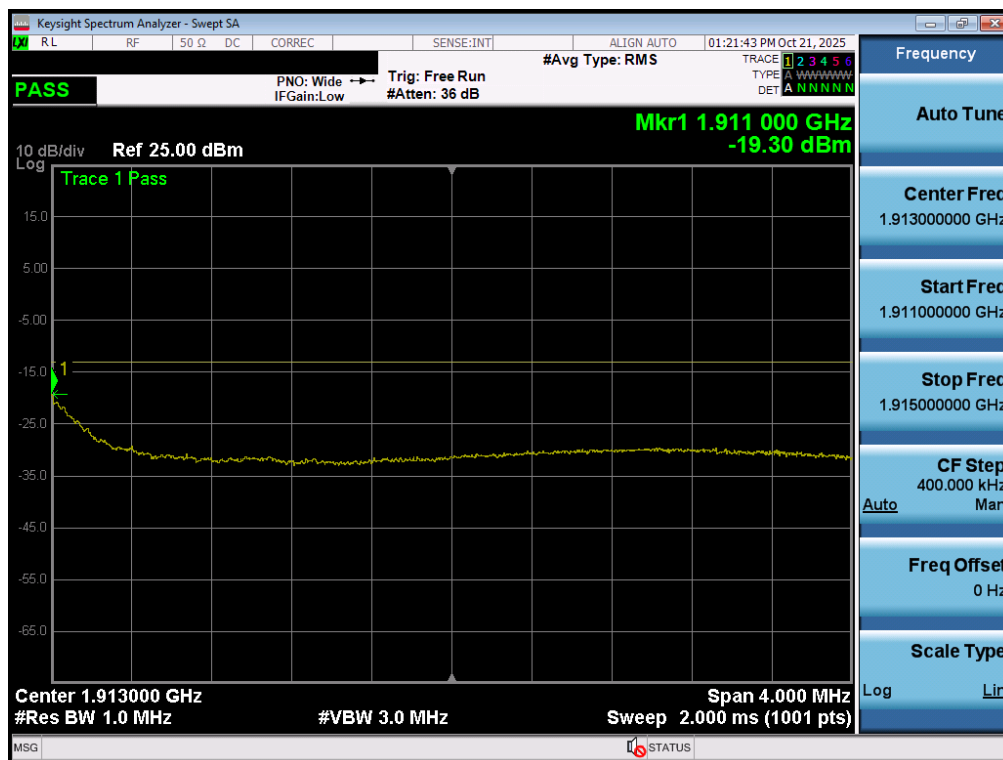


Plot 7-116. Extended Lower Band Edge Plot (NR Band n25/2 - 10MHz QPSK – Full RB - Ant2)

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-117. Upper Band Edge Plot (NR Band n2 - 10MHz QPSK – Full RB - Ant2)



Plot 7-118. Extended Upper Band Edge Plot (NR Band n2 - 10MHz QPSK – Full RB - Ant2)

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-119. Upper Band Edge Plot (NR Band n25 - 10MHz QPSK – Full RB - Ant2)



Plot 7-120. Extended Upper Band Edge Plot (NR Band n25 - 10MHz QPSK – Full RB - Ant2)

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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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.



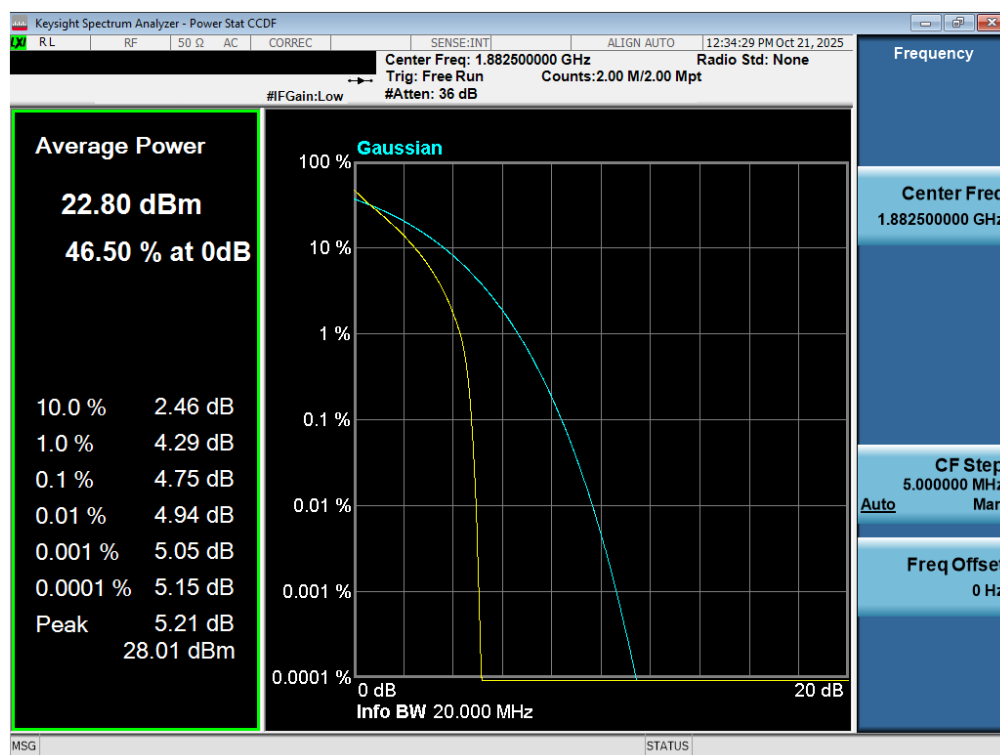
Figure 7-5. Test Instrument & Measurement Setup

Test Notes

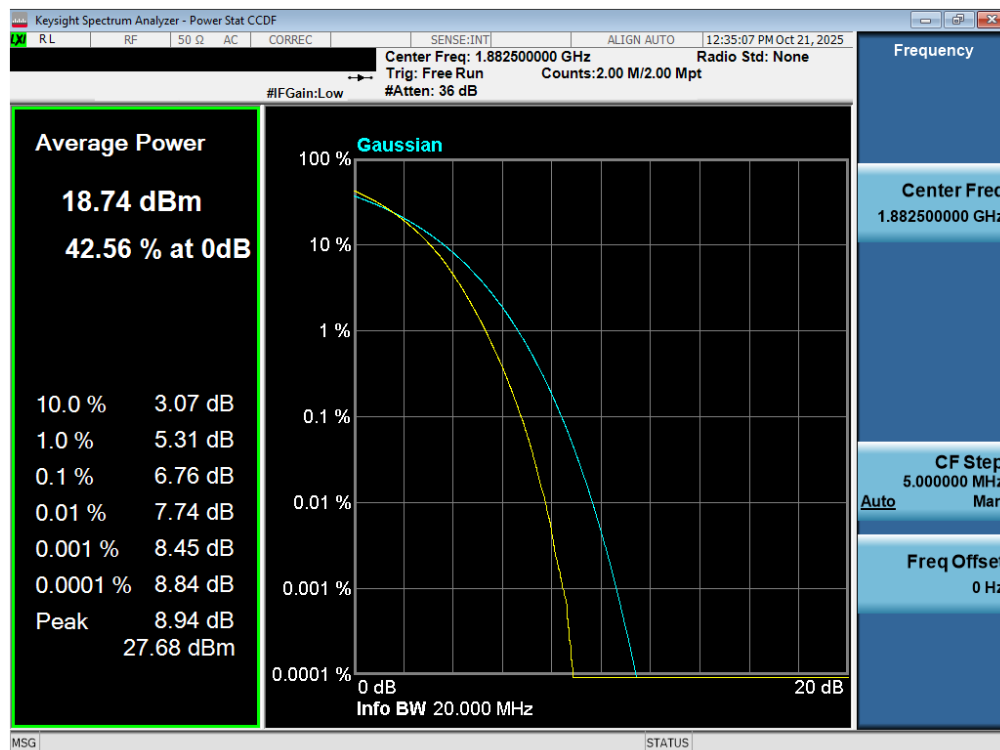
For the QAM modulations, 256QAM was found to have the worst-case peak-to-average ratio so it is the only QAM measurement included in this section.

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 25/2 – Ant1

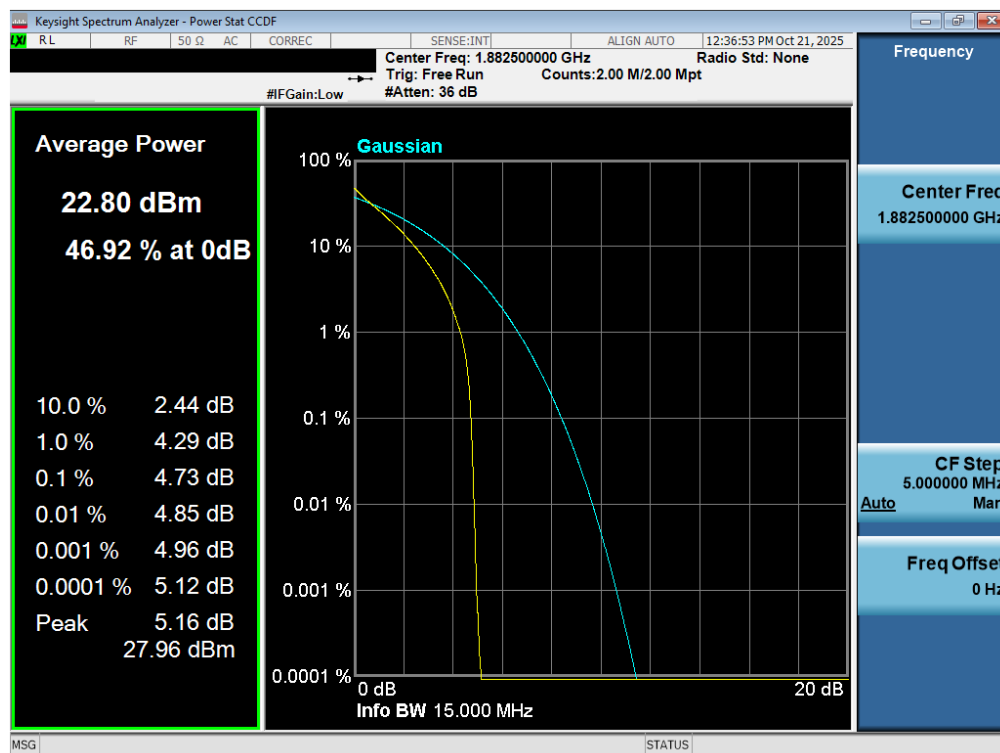


Plot 7-121. PAR Plot (LTE Band 25/2 - 20MHz QPSK - Full RB - Ant1)

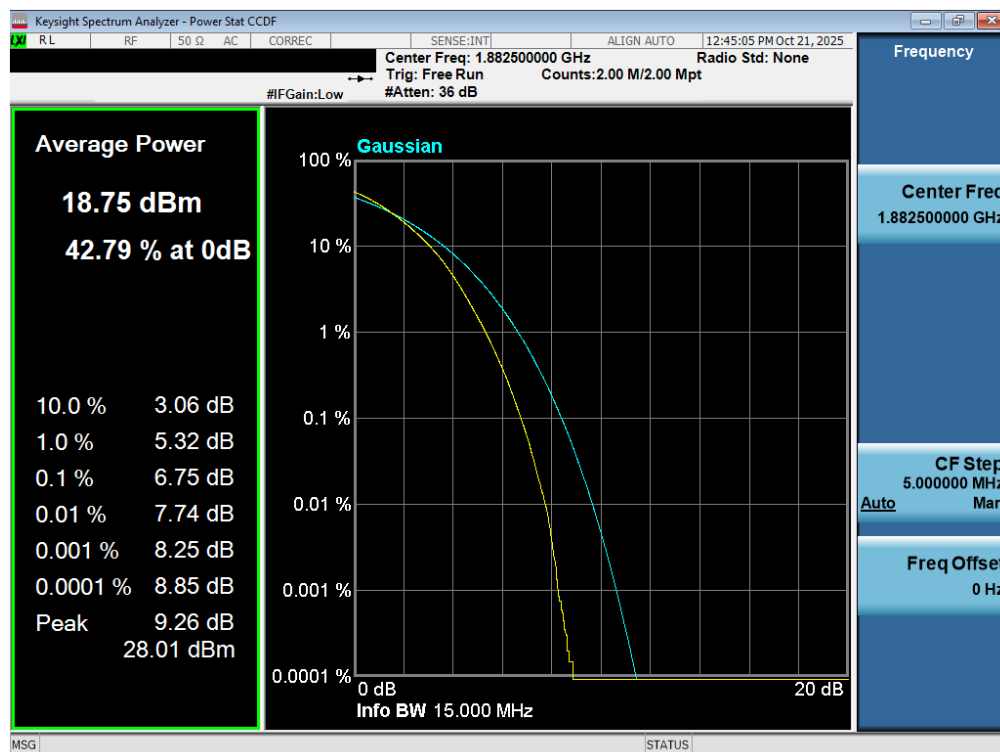


Plot 7-122. PAR Plot (LTE Band 25/2 - 20MHz 256-QAM - Full RB - Ant1)

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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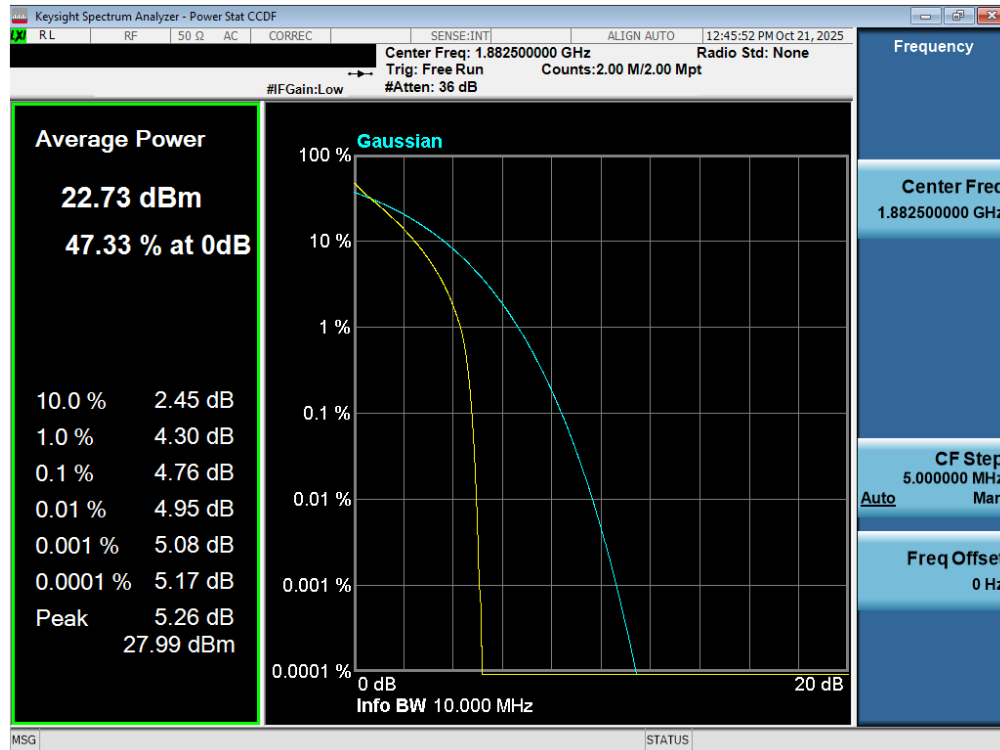


Plot 7-123. PAR Plot (LTE Band 25/2 - 15MHz QPSK - Full RB - Ant1)

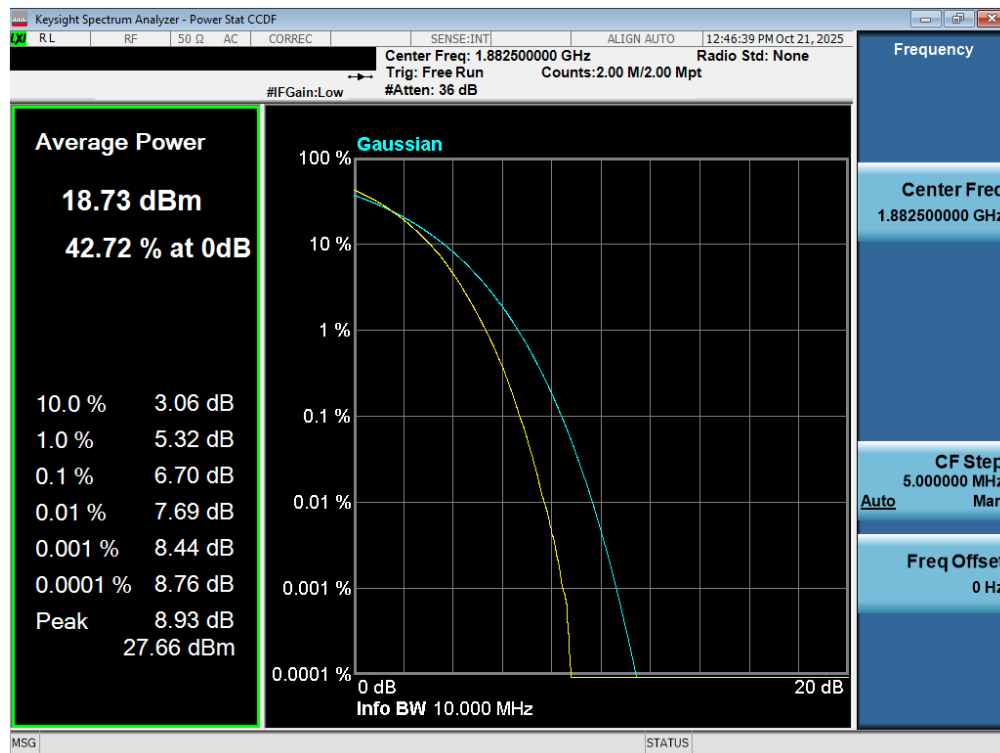


Plot 7-124. PAR Plot (LTE Band 25/2 - 15MHz 256-QAM - Full RB - Ant1)

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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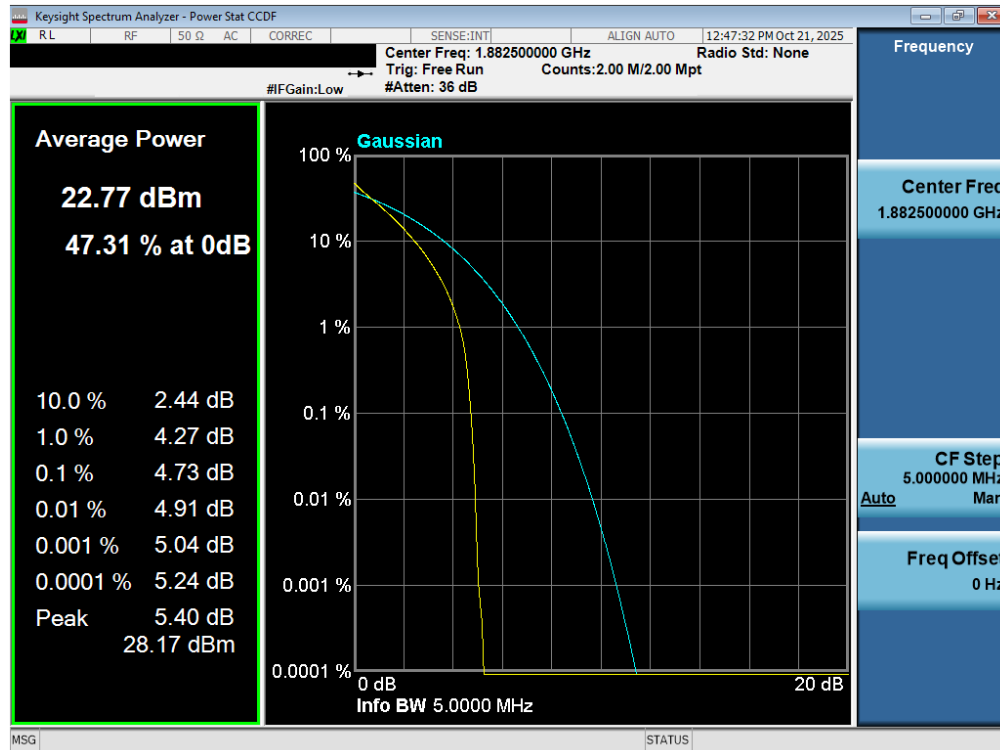


Plot 7-125. PAR Plot (LTE Band 25/2 - 10MHz QPSK - Full RB - Ant1)

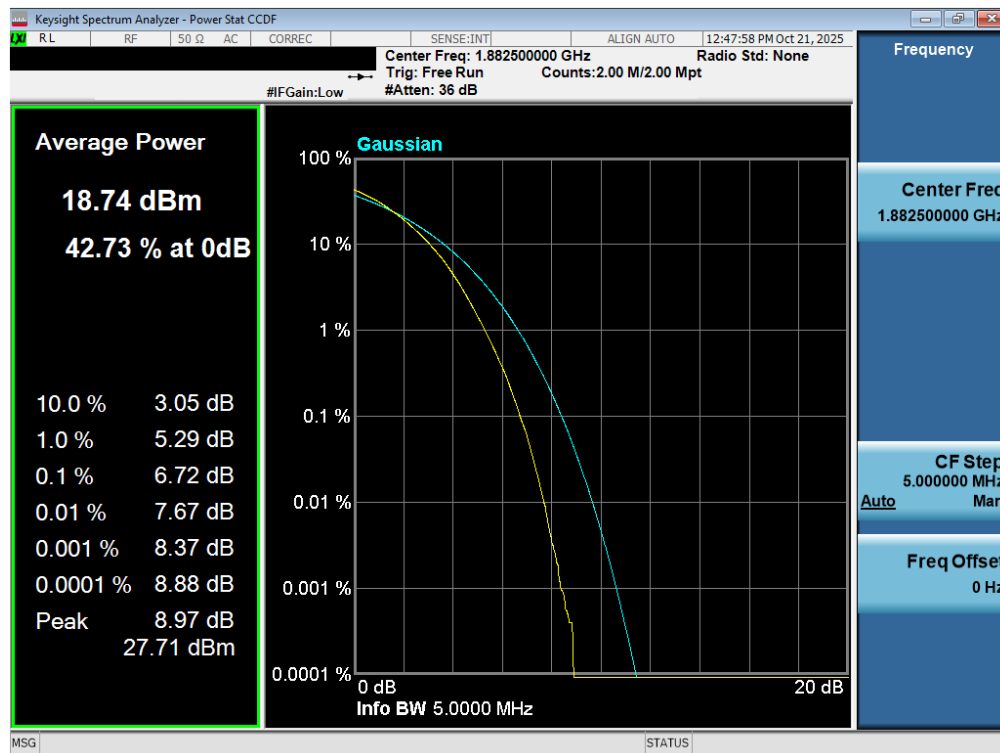


Plot 7-126. PAR Plot (LTE Band 25/2 - 10MHz 256-QAM - Full RB - Ant1)

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508250079-07.A3L	Test Dates: 9/2/2025 - 11/14/2025	EUT Type: Portable Handset	Page 100 of 166

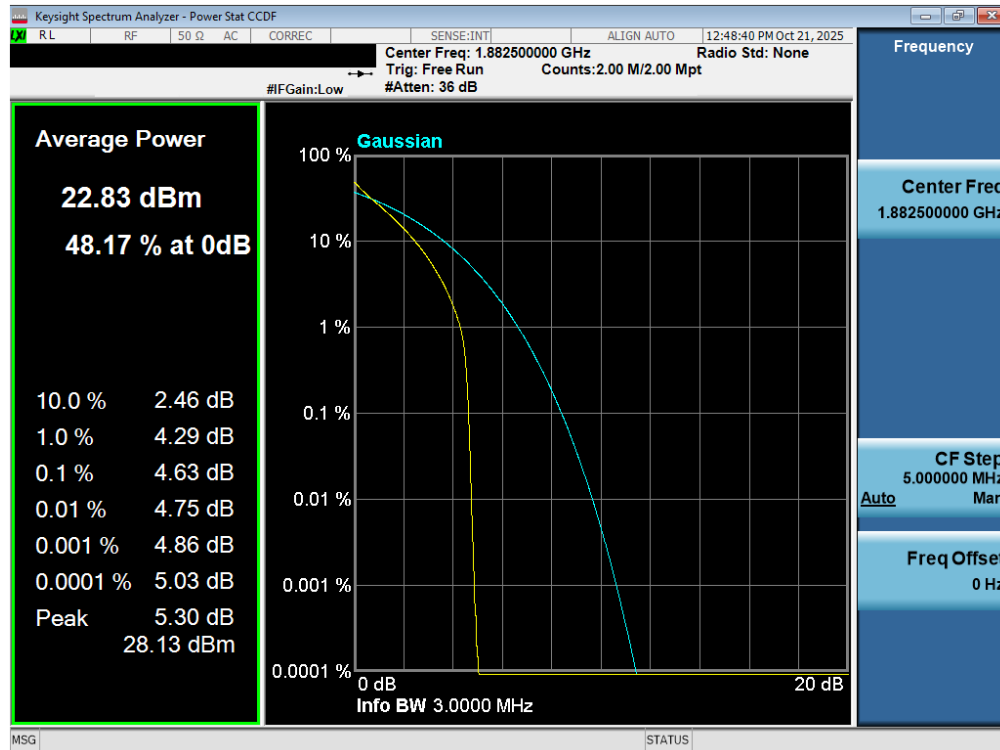


Plot 7-127. PAR Plot (LTE Band 25/2 - 5MHz QPSK - Full RB - Ant1)

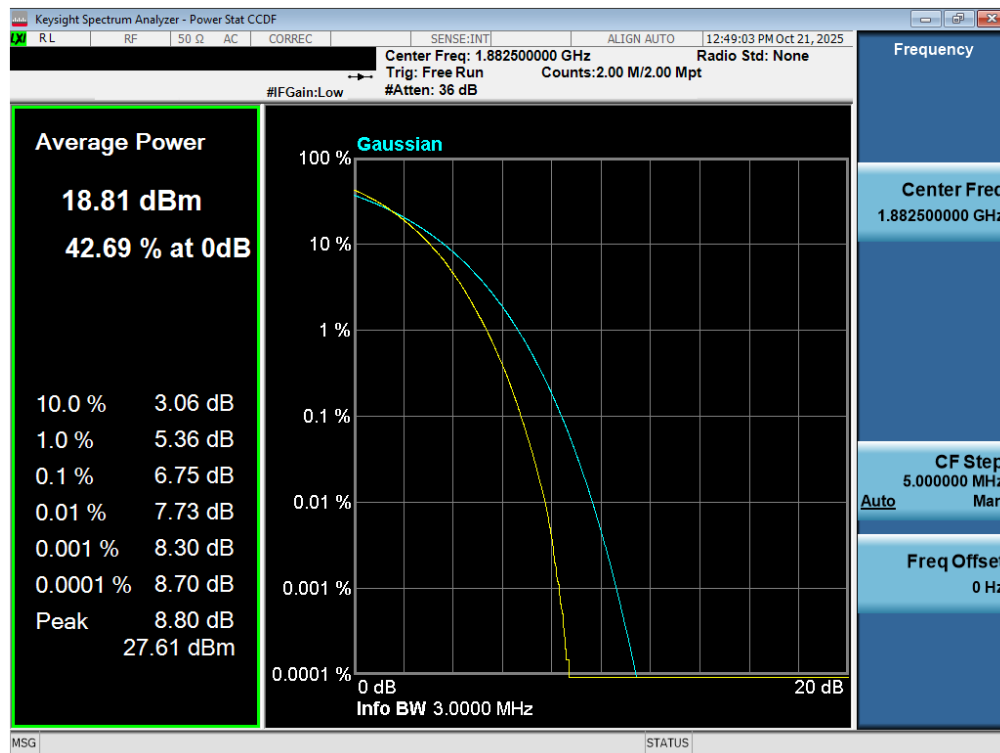


Plot 7-128. PAR Plot (LTE Band 25/2 - 5MHz 256-QAM - Full RB - Ant1)

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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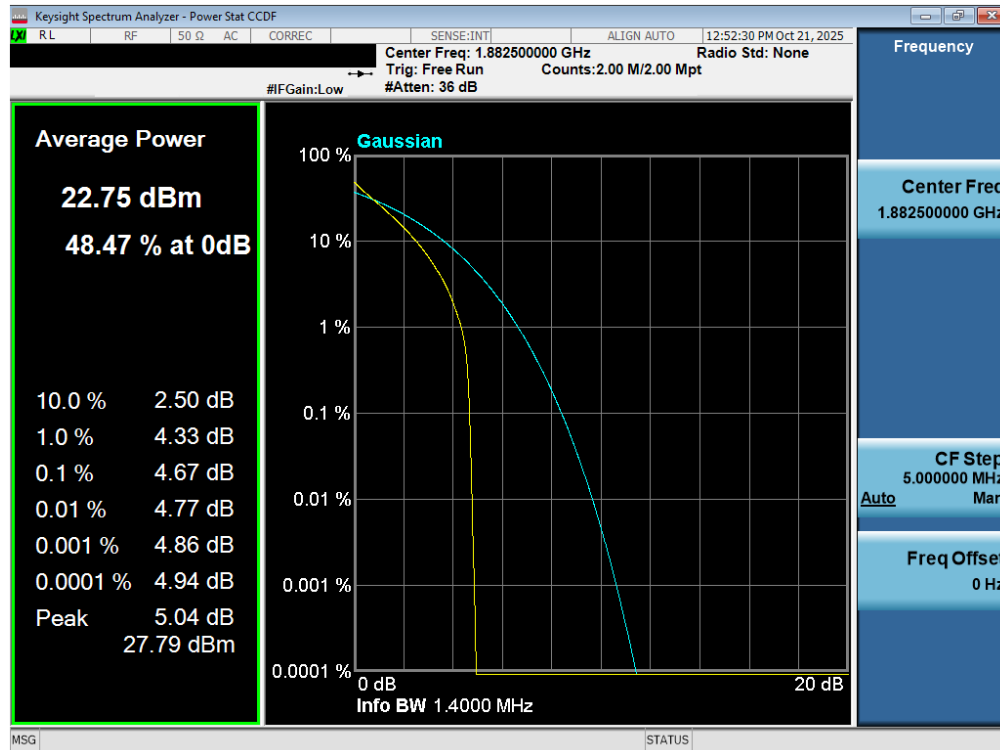


Plot 7-129. PAR Plot (LTE Band 25/2 - 3MHz QPSK - Full RB - Ant1)

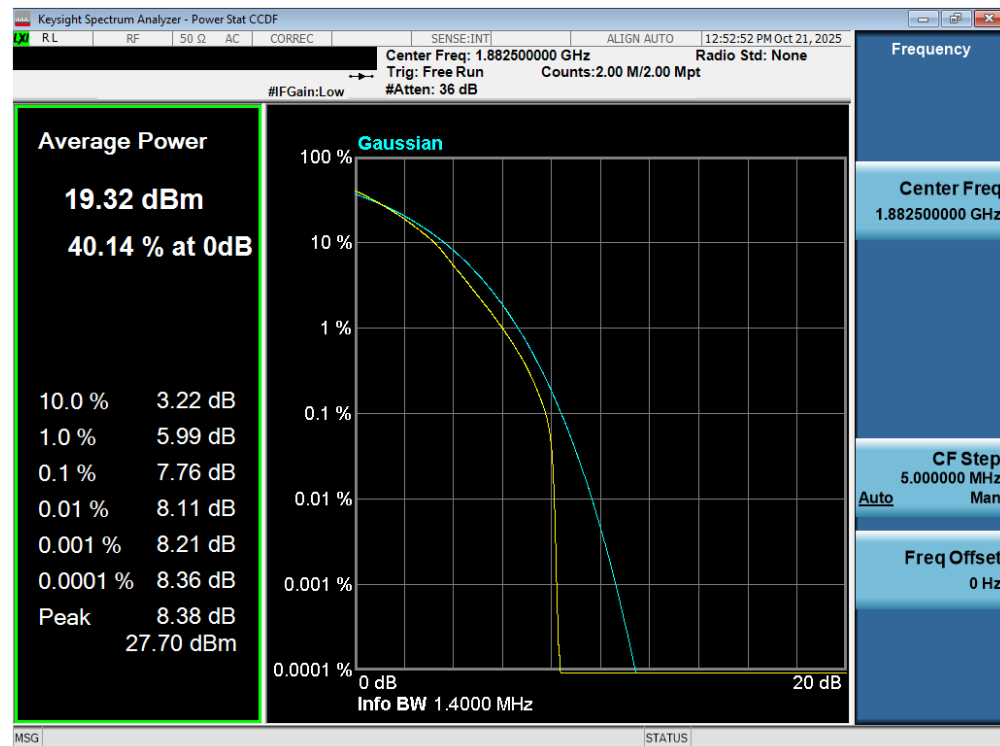


Plot 7-130. PAR Plot (LTE Band 25/2 - 3MHz 256-QAM - Full RB - Ant1)

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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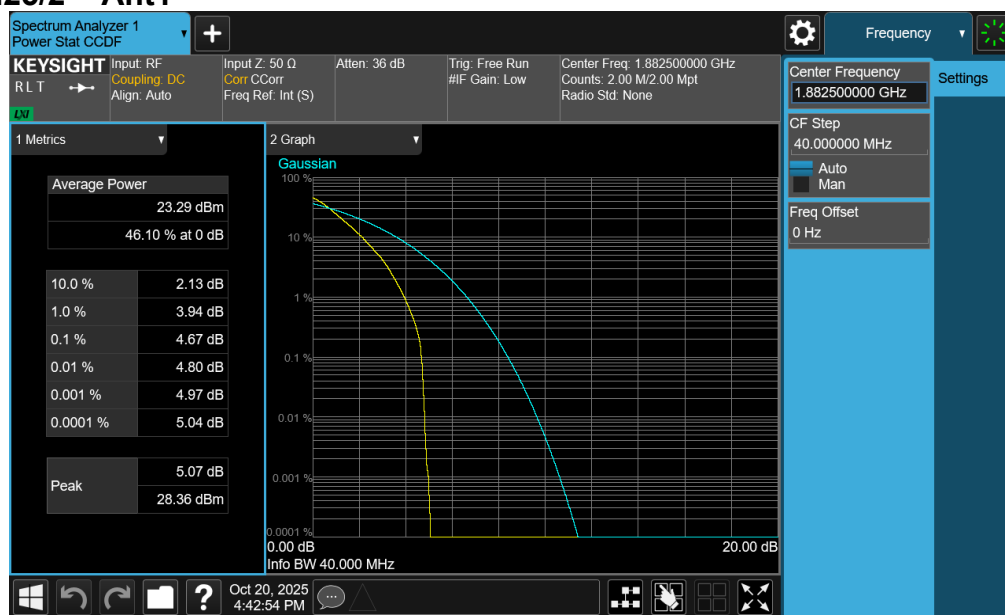
Plot 7-131. PAR Plot (LTE Band 25/2 - 1.4MHz QPSK - Full RB - Ant1)



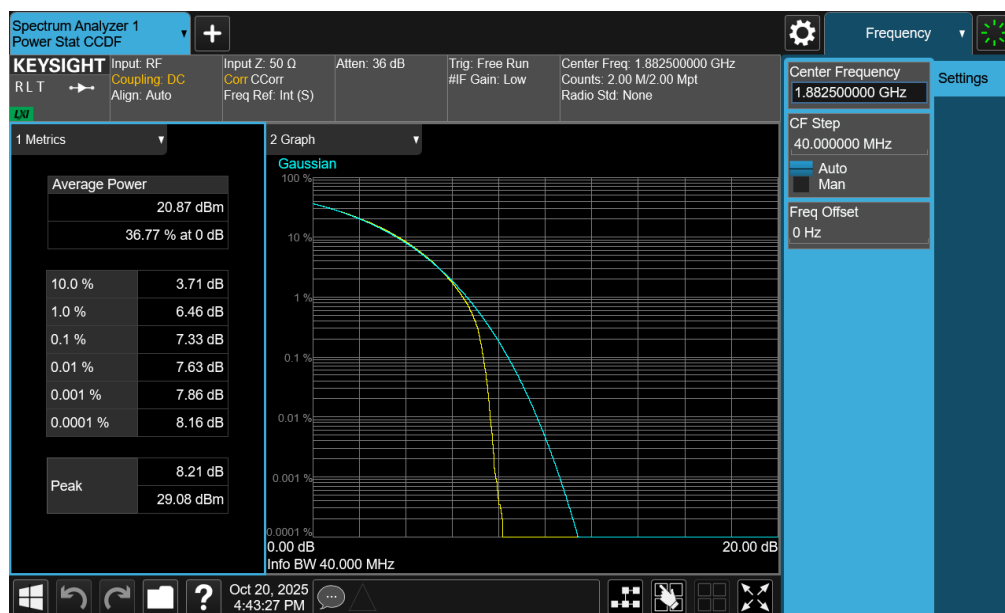
Plot 7-132. PAR Plot (LTE Band 25/2 - 1.4MHz 256-QAM - Full RB - Ant1)

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n25/2 – Ant1



Plot 7-133. PAR Plot (NR Band n25/2 - 40.0MHz DFT-s-OFDM BPSK - Full RB - ANT1)

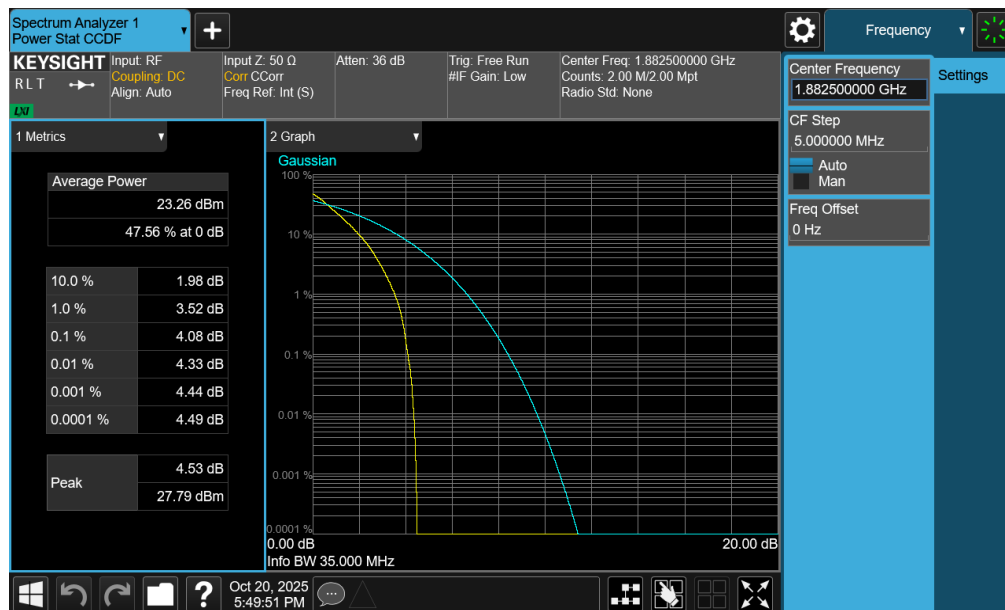


Plot 7-134. PAR Plot (NR Band n25/2 - 40.0MHz CP-OFDM QPSK - Full RB - ANT1)

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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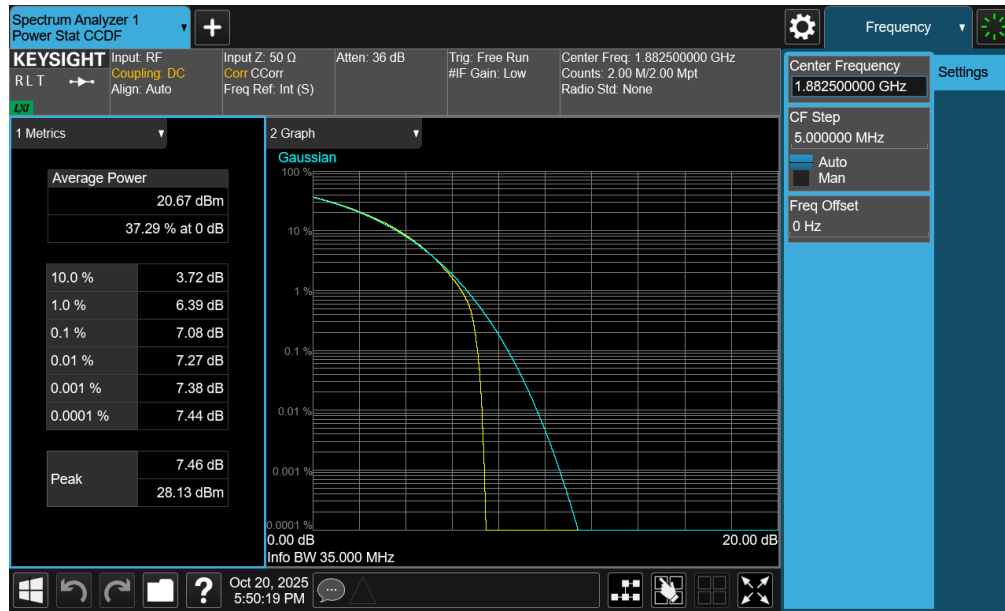


Plot 7-135. PAR Plot (NR Band n25/2 - 40.0MHz CP-OFDM 256-QAM - Full RB - ANT1)



Plot 7-136. PAR Plot (NR Band n25/2 - 35.0MHz DFT-s-OFDM BPSK - Full RB - ANT1)

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508250079-07.A3L	Test Dates: 9/2/2025 - 11/14/2025	EUT Type: Portable Handset	Page 105 of 166

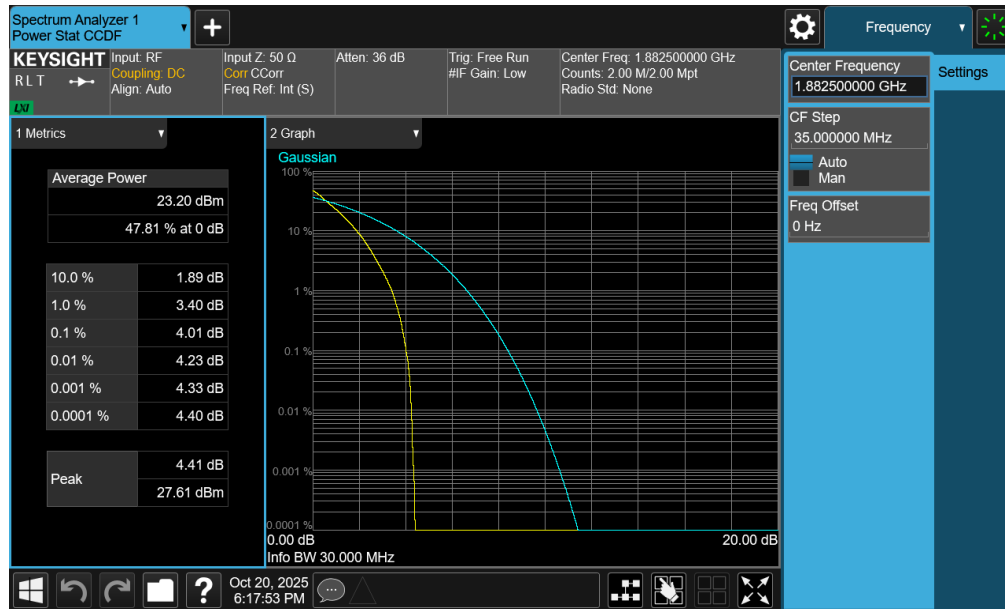


Plot 7-137. PAR Plot (NR Band n25/2 - 35.0MHz CP-OFDM QPSK - Full RB - ANT1)

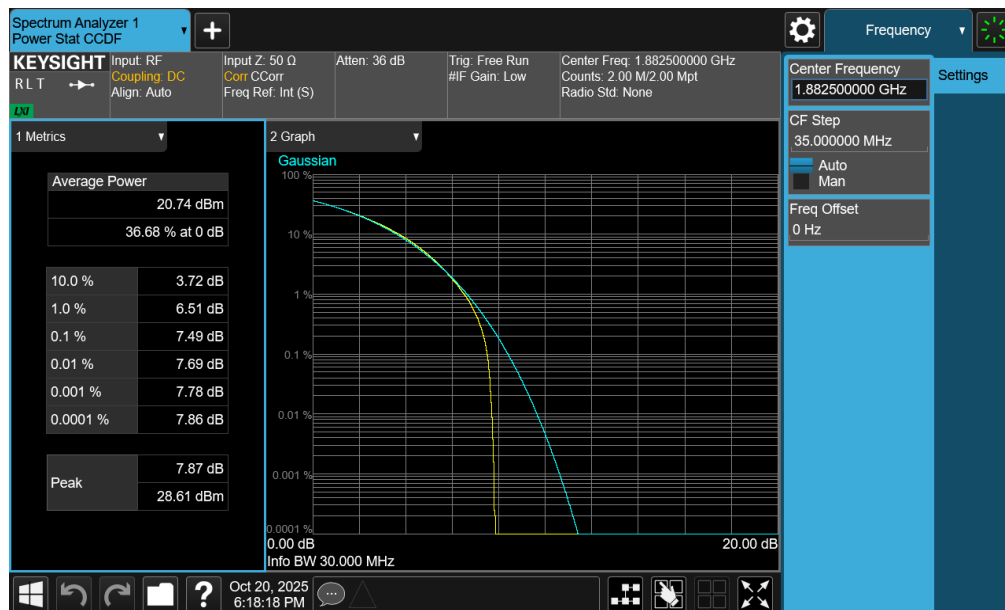


Plot 7-138. PAR Plot (NR Band n25/2 - 35.0MHz CP-OFDM 256-QAM - Full RB - ANT1)

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-139. PAR Plot (NR Band n25/2 - 30.0MHz DFT-s-OFDM BPSK - Full RB - ANT1)

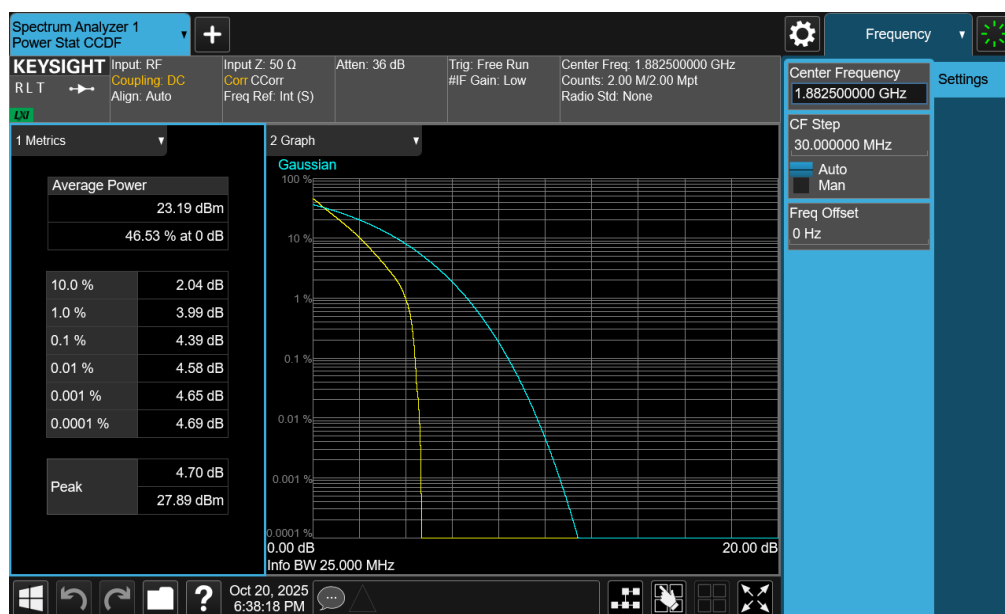


Plot 7-140. PAR Plot (NR Band n25/2 - 30.0MHz CP-OFDM QPSK - Full RB - ANT1)

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508250079-07.A3L	Test Dates: 9/2/2025 - 11/14/2025	EUT Type: Portable Handset	Page 107 of 166

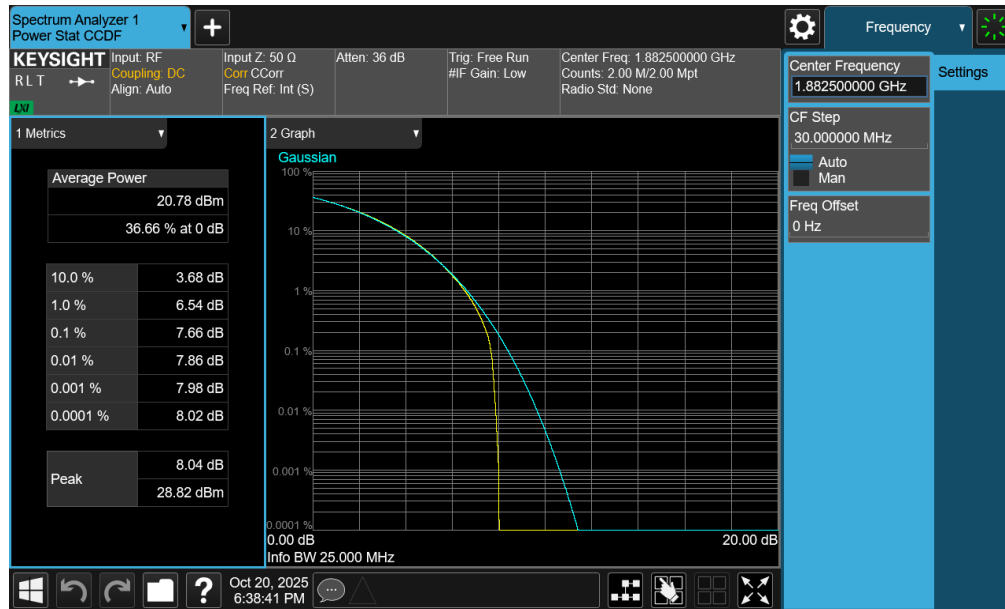


Plot 7-141. PAR Plot (NR Band n25/2 - 30.0MHz CP-OFDM 256-QAM - Full RB - ANT1)



Plot 7-142. PAR Plot (NR Band n25/2 - 25.0MHz DFT-s-OFDM BPSK - Full RB - ANT1)

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508250079-07.A3L	Test Dates: 9/2/2025 - 11/14/2025	EUT Type: Portable Handset	Page 108 of 166

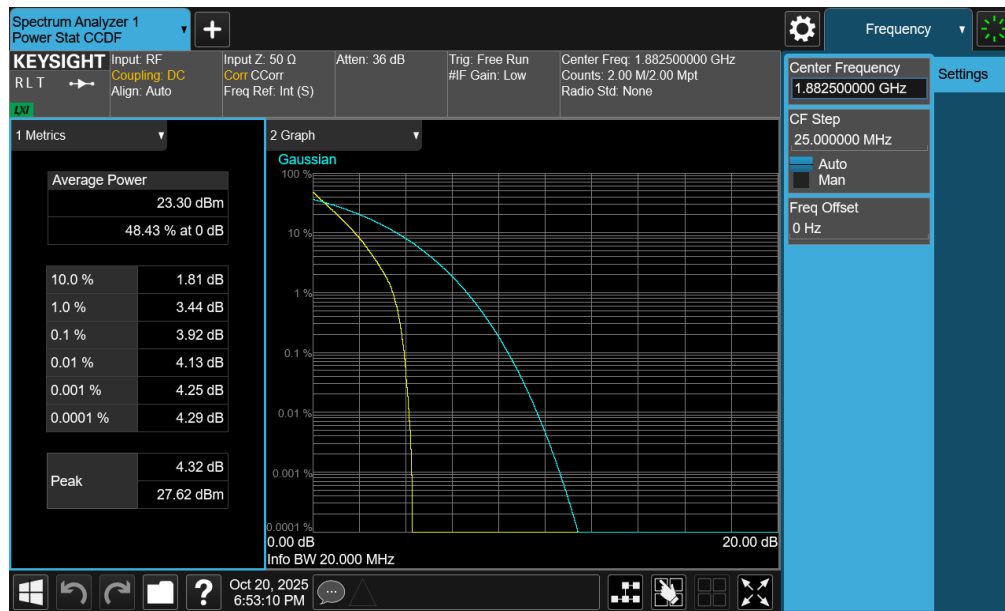


Plot 7-143. PAR Plot (NR Band n25/2 - 25.0MHz CP-OFDM QPSK - Full RB - ANT1)



Plot 7-144. PAR Plot (NR Band n25/2 - 25.0MHz CP-OFDM 256-QAM - Full RB - ANT1)

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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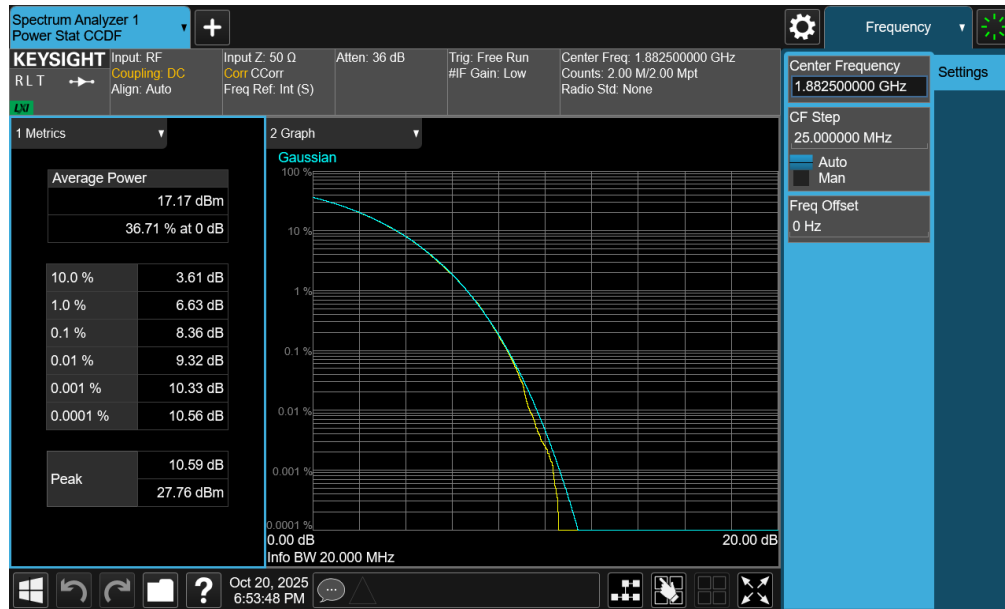


Plot 7-145. PAR Plot (NR Band n25/2 - 20.0MHz DFT-s-OFDM BPSK - Full RB - ANT1)

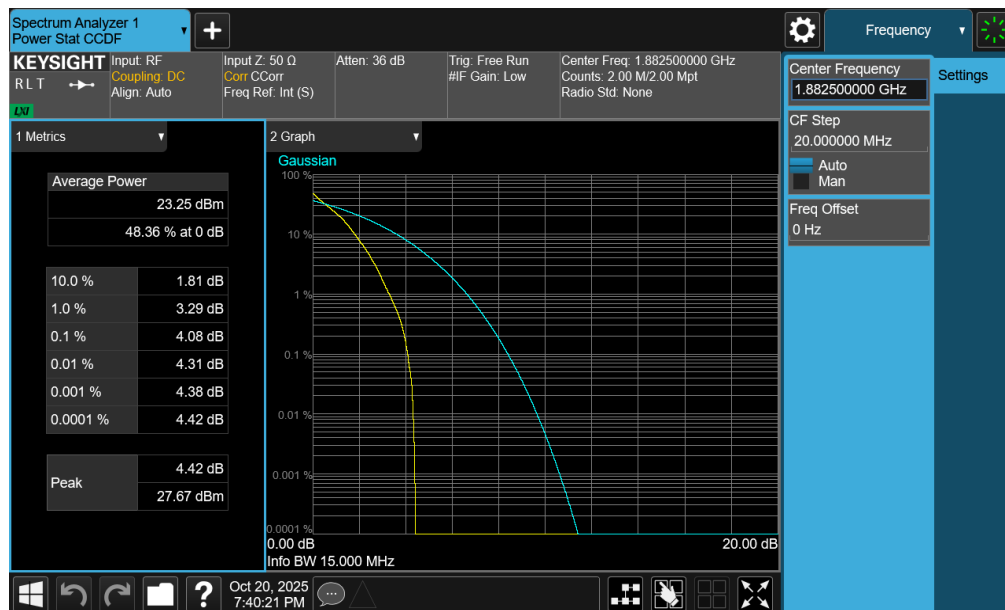


Plot 7-146. PAR Plot (NR Band n25/2 - 20.0MHz CP-OFDM QPSK - Full RB - ANT1)

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508250079-07.A3L	Test Dates: 9/2/2025 - 11/14/2025	EUT Type: Portable Handset	Page 110 of 166

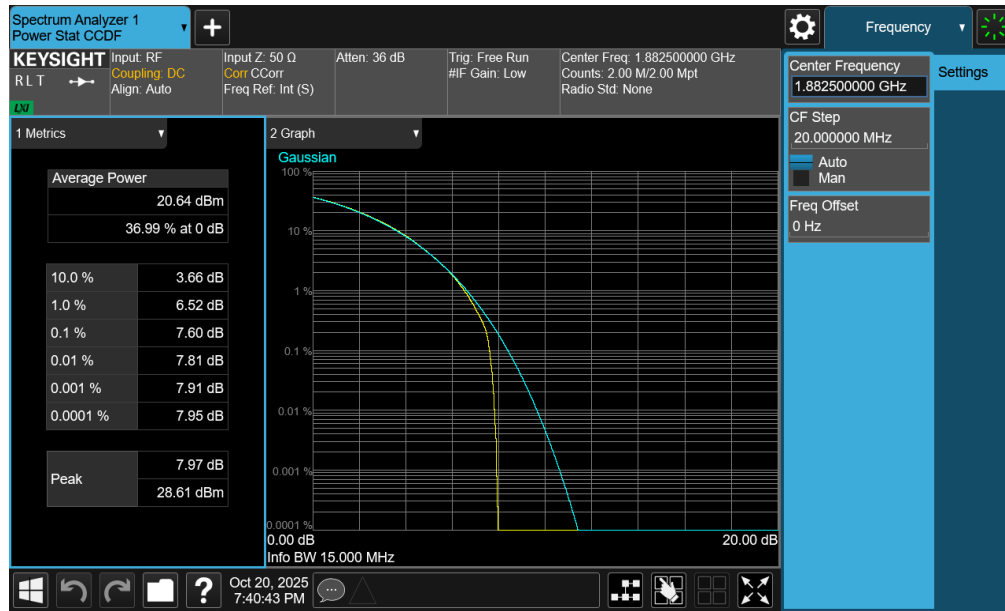


Plot 7-147. PAR Plot (NR Band n25/2 - 20.0MHz CP-OFDM 256-QAM - Full RB - ANT1)



Plot 7-148. PAR Plot (NR Band n25/2 - 15.0MHz DFT-s-OFDM BPSK - Full RB - ANT1)

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508250079-07.A3L	Test Dates: 9/2/2025 - 11/14/2025	EUT Type: Portable Handset	Page 111 of 166

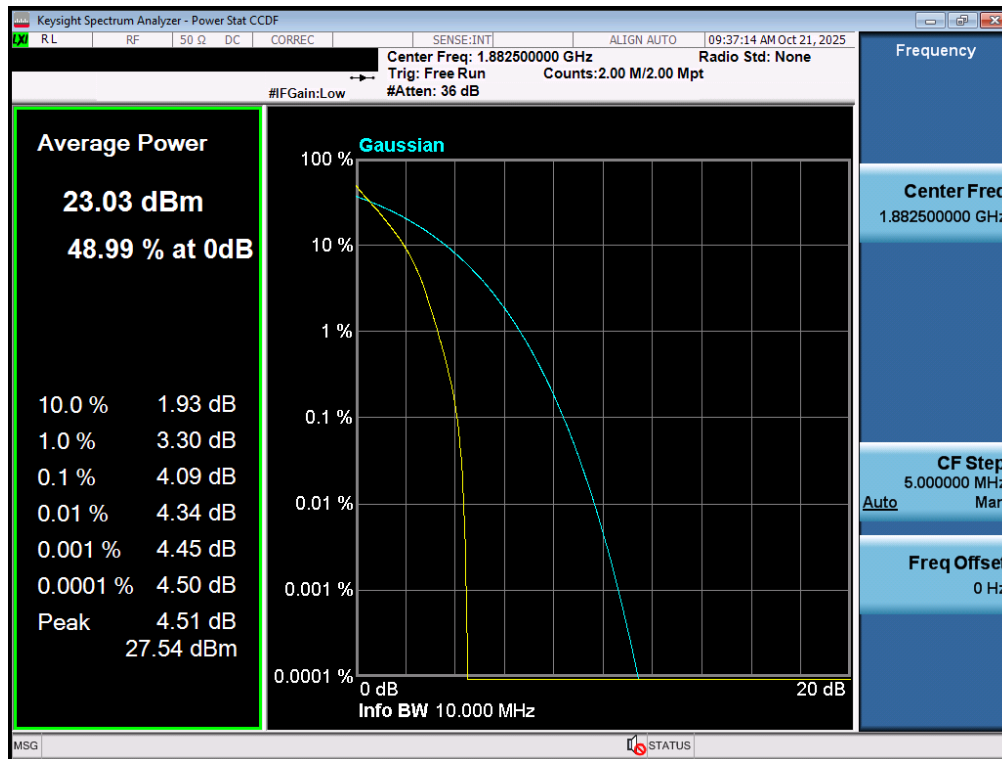


Plot 7-149. PAR Plot (NR Band n25/2 - 15.0MHz CP-OFDM QPSK - Full RB - ANT1)

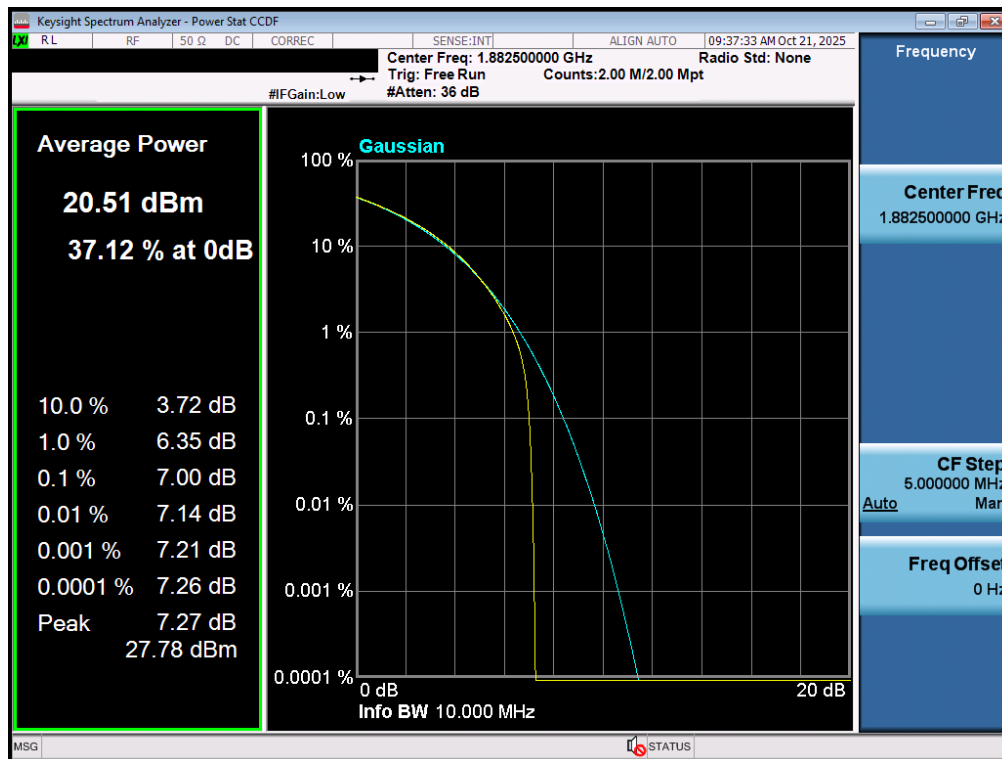


Plot 7-150. PAR Plot (NR Band n25/2 - 15.0MHz CP-OFDM 256-QAM - Full RB - ANT1)

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508250079-07.A3L	Test Dates: 9/2/2025 - 11/14/2025	EUT Type: Portable Handset	Page 112 of 166

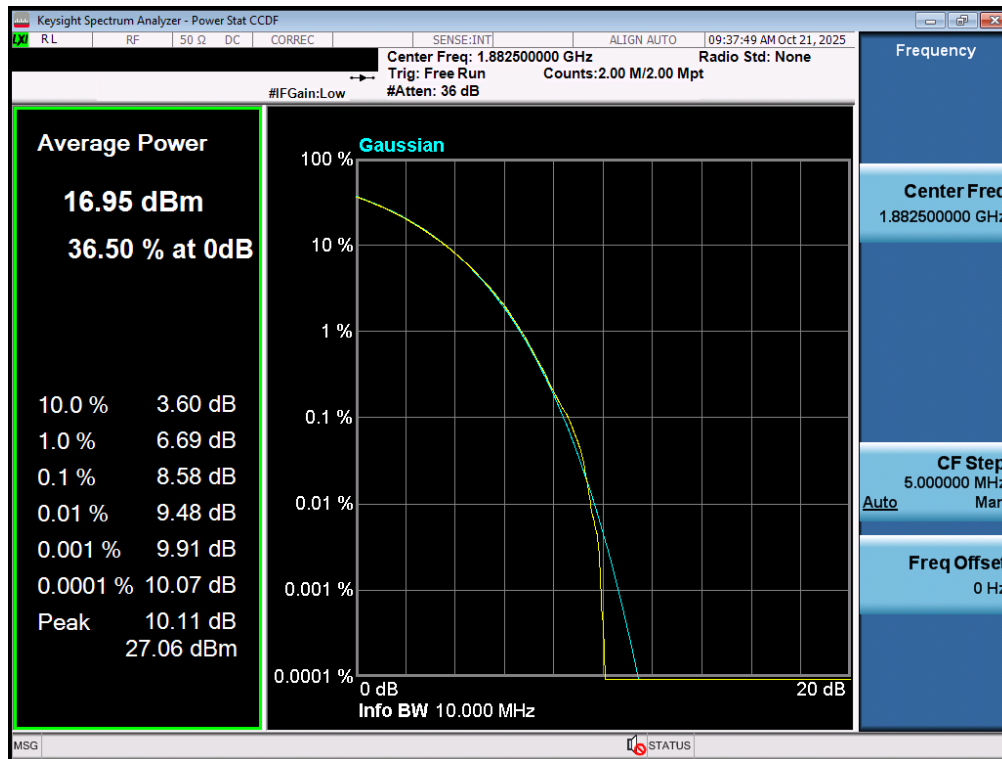


Plot 7-151. PAR Plot (NR Band n25/2 - 10.0MHz DFT-s-OFDM BPSK - Full RB - ANT1)

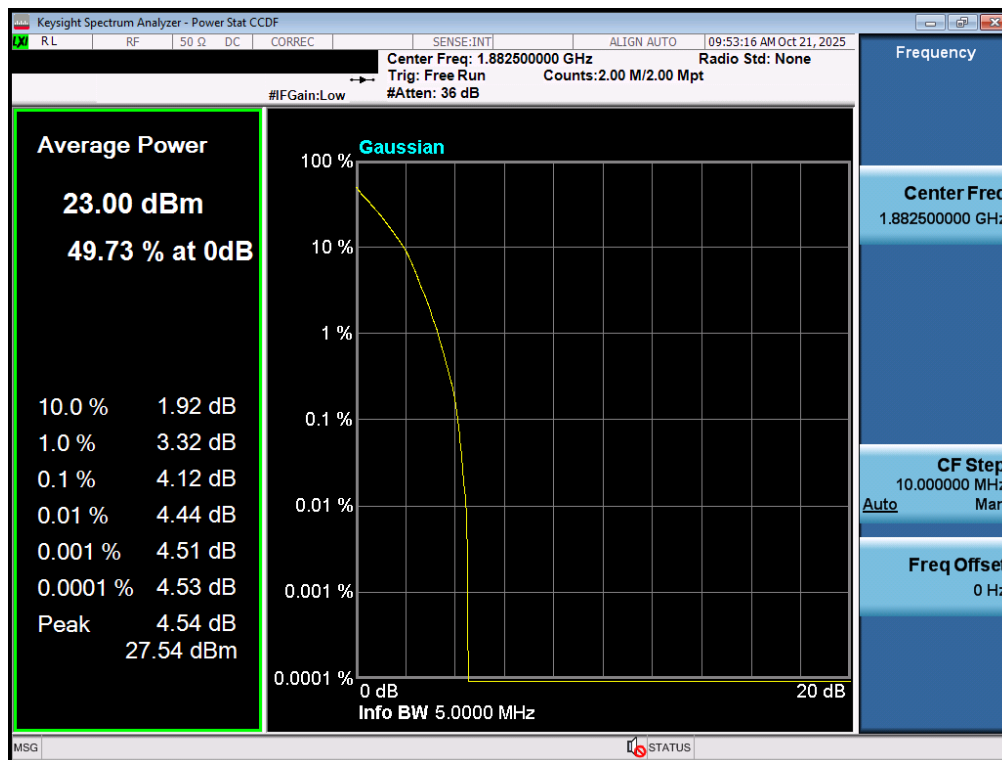


Plot 7-152. PAR Plot (NR Band n25/2 - 10.0MHz CP-OFDM QPSK - Full RB - ANT1)

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508250079-07.A3L	Test Dates: 9/2/2025 - 11/14/2025	EUT Type: Portable Handset	Page 113 of 166

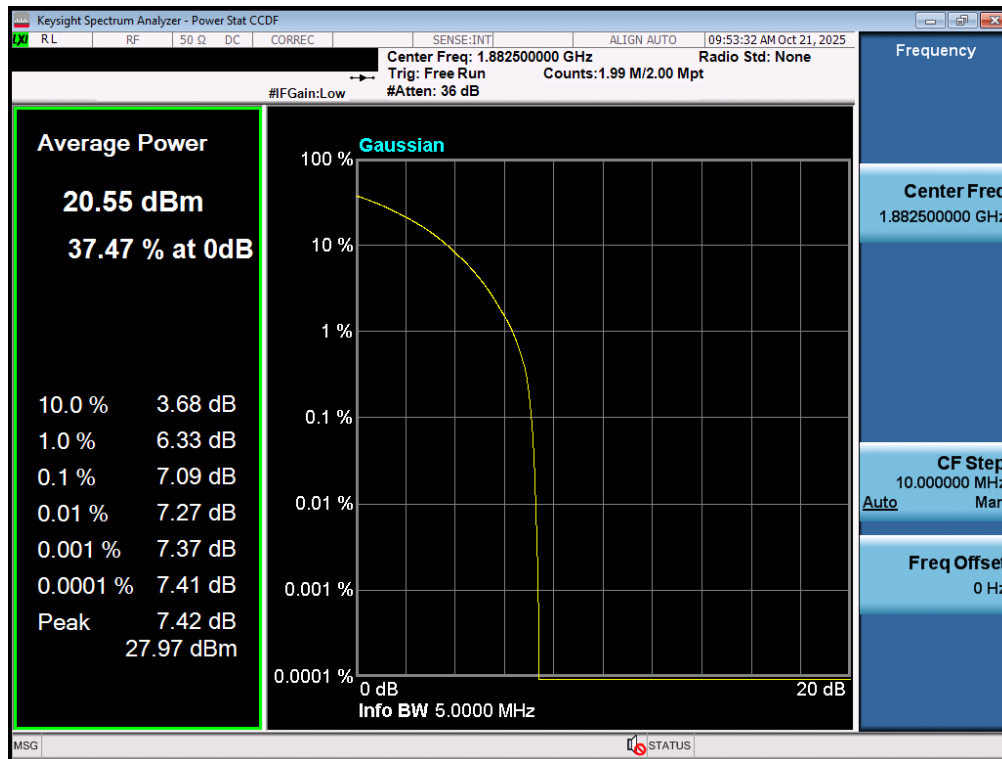


Plot 7-153. PAR Plot (NR Band n25/2 - 10.0MHz CP-OFDM 256-QAM - Full RB - ANT1)

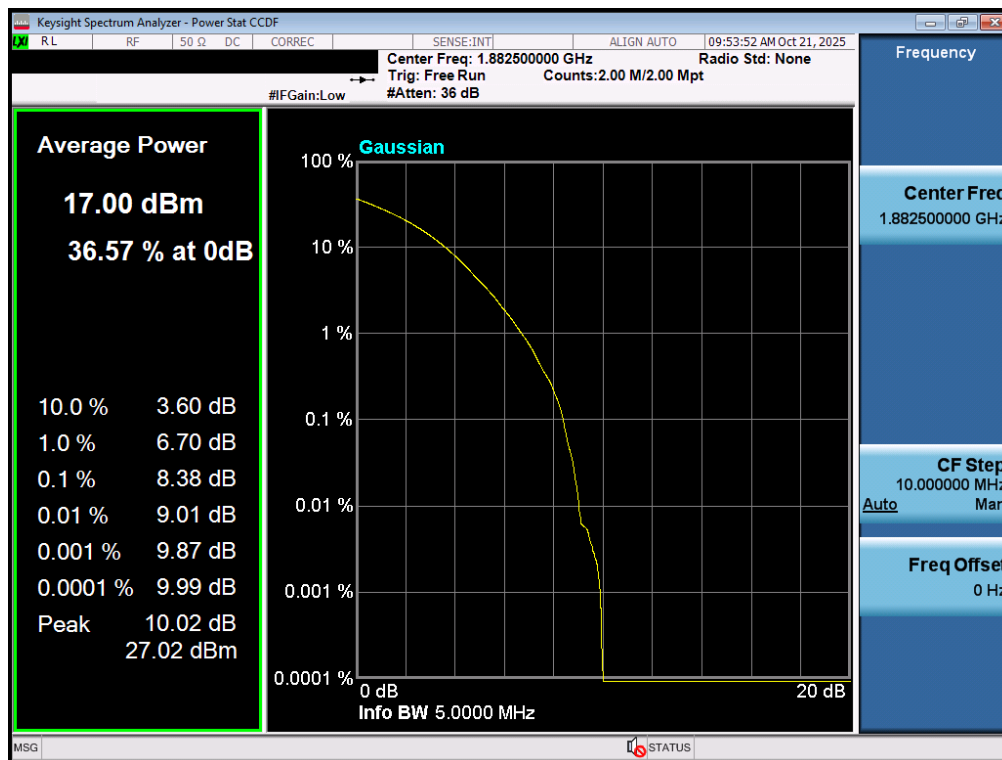


Plot 7-154. PAR Plot (NR Band n25/2 - 5.0MHz DFT-s-OFDM BPSK - Full RB - ANT1)

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508250079-07.A3L	Test Dates: 9/2/2025 - 11/14/2025	EUT Type: Portable Handset	Page 114 of 166



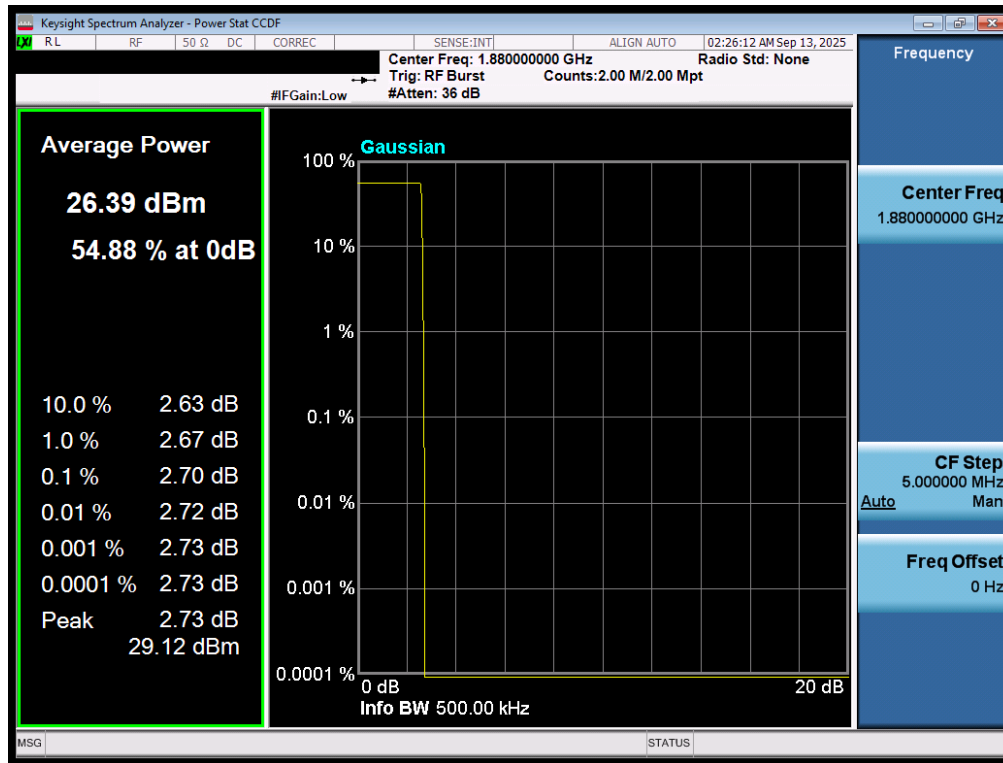
Plot 7-155. PAR Plot (NR Band n25/2 - 5.0MHz CP-OFDM QPSK - Full RB - ANT1)



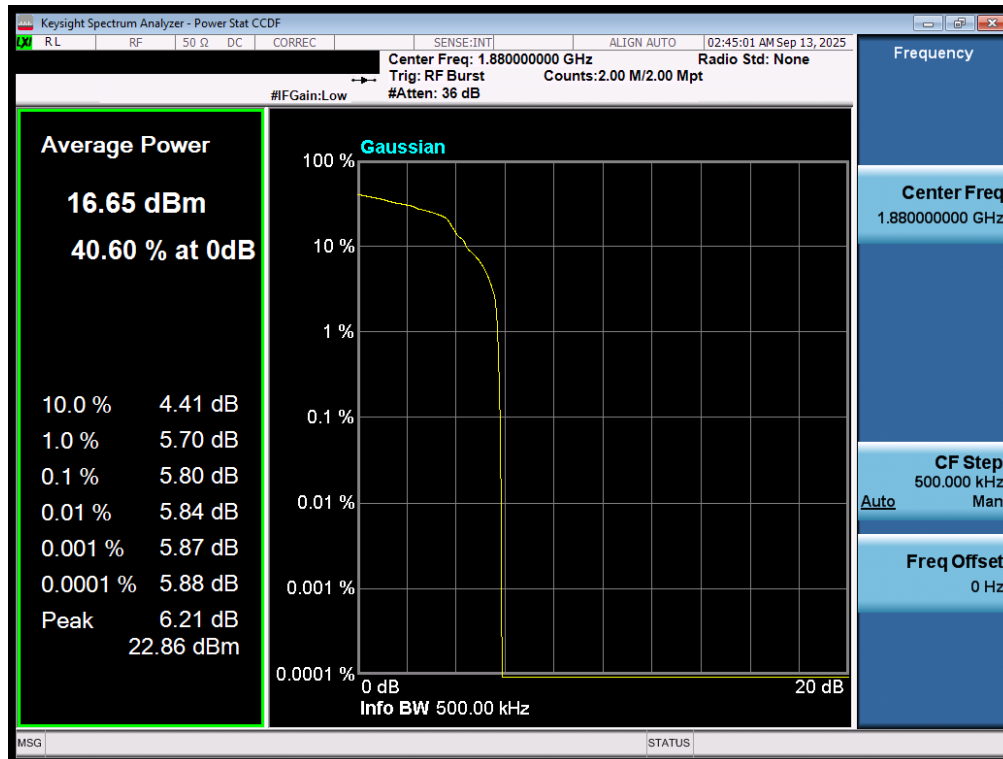
Plot 7-156. PAR Plot (NR Band n25/2 - 5.0MHz CP-OFDM 256-QAM - Full RB - ANT1)

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508250079-07.A3L	Test Dates: 9/2/2025 - 11/14/2025	EUT Type: Portable Handset	Page 115 of 166

GSM/GPRS PCS – Ant1



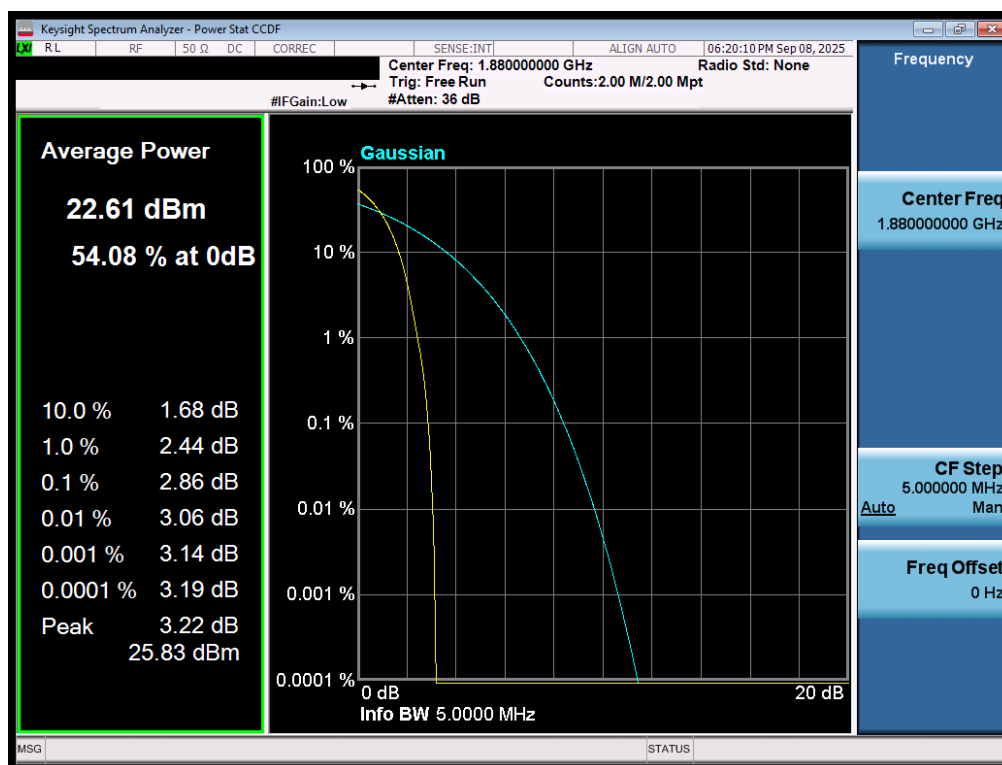
Plot 7-157. PAR Plot (GPRS, Ch. 661 - Ant1)



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

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508250079-07.A3L	Test Dates: 9/2/2025 - 11/14/2025	EUT Type: Portable Handset	Page 116 of 166

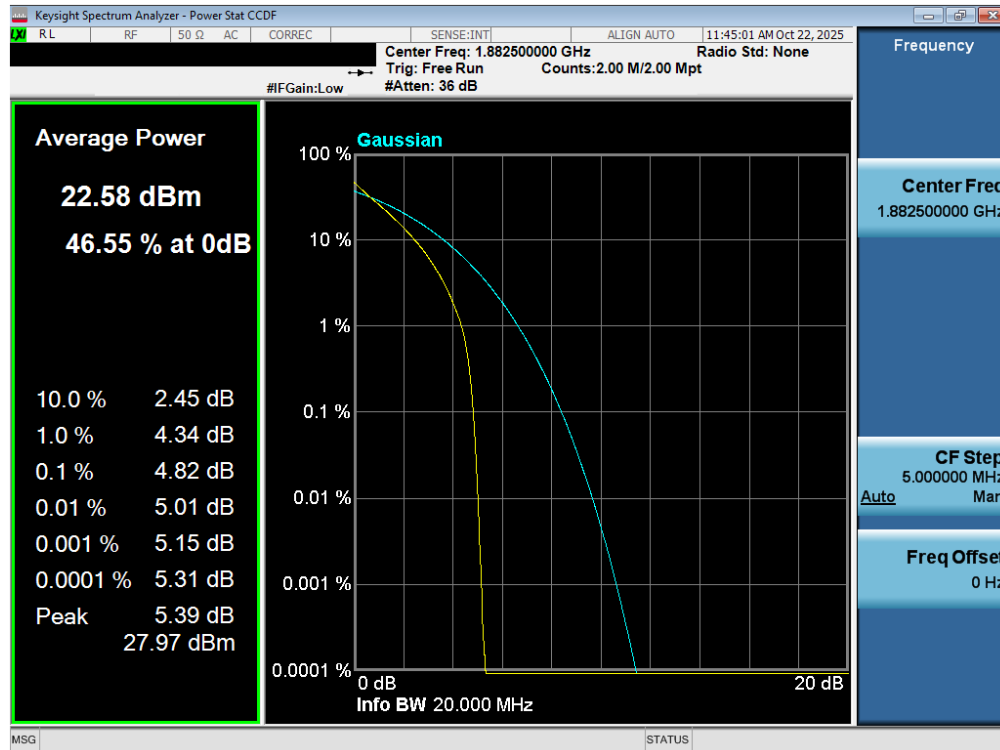
WCDMA PCS – Ant1



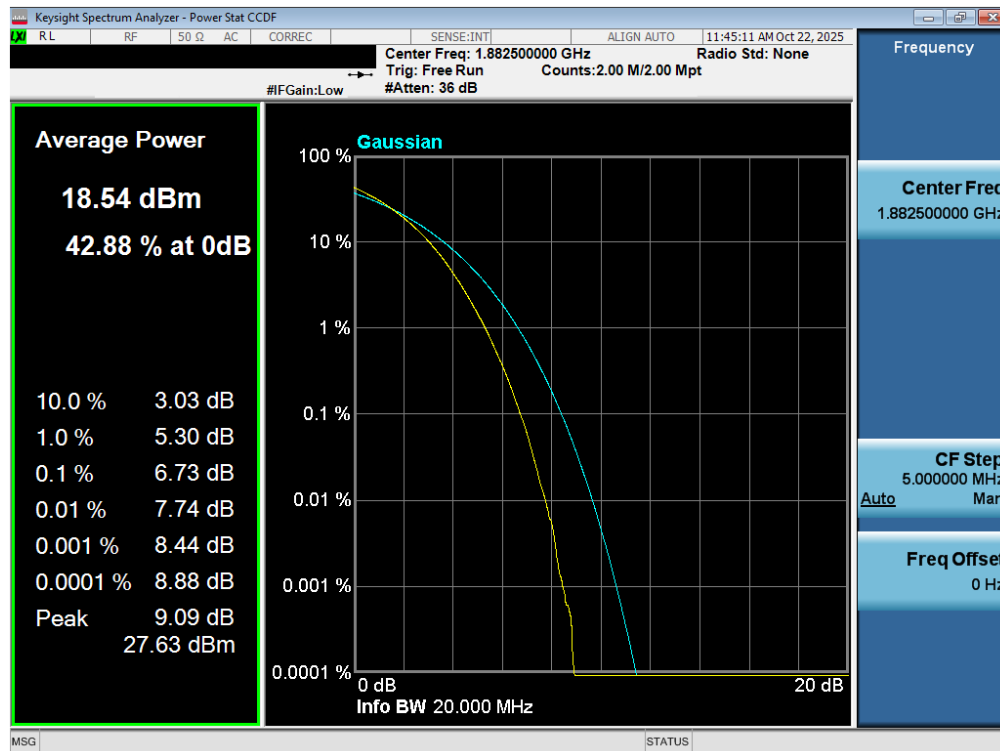
Plot 7-159. PAR Plot (WCDMA, Ch. 9400 - Ant1)

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508250079-07.A3L	Test Dates: 9/2/2025 - 11/14/2025	EUT Type: Portable Handset	Page 117 of 166

LTE Band 25/2 – Ant2

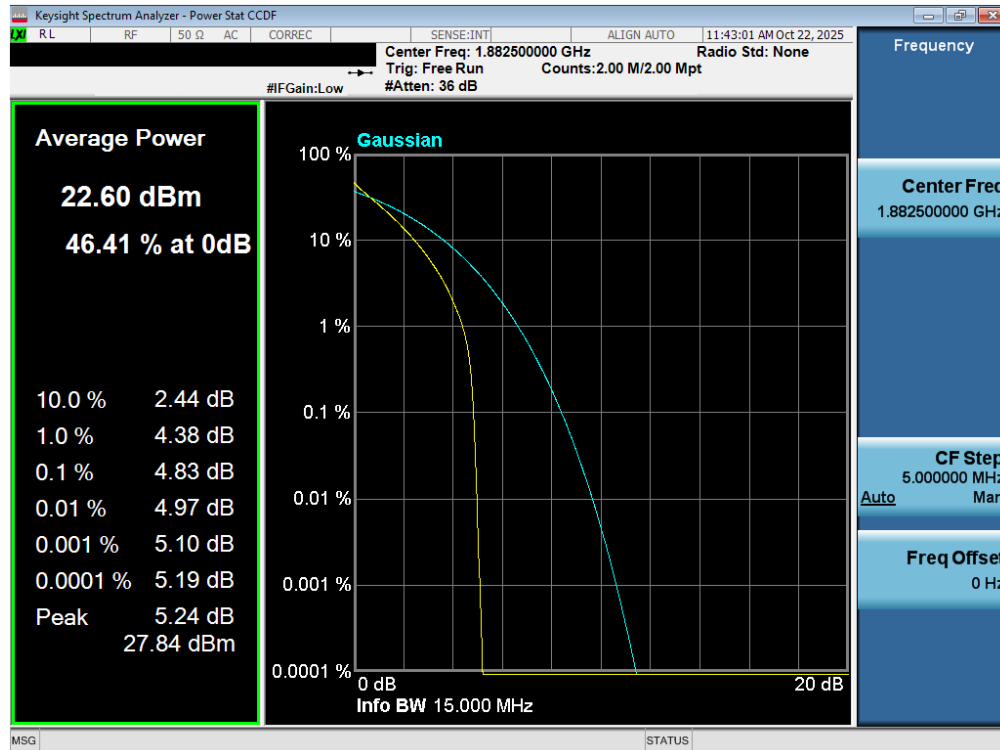


Plot 7-160. PAR Plot (LTE Band 25/2 - 20MHz QPSK - Full RB - Ant2)

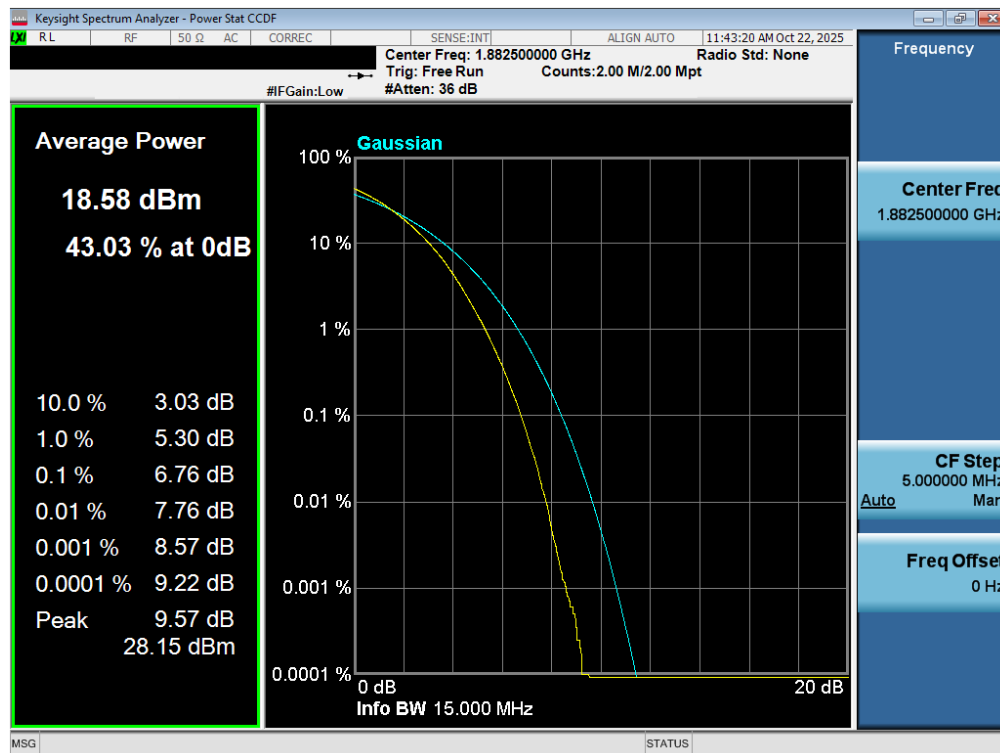


Plot 7-161. PAR Plot (LTE Band 25/2 - 20MHz 256-QAM - Full RB - Ant2)

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508250079-07.A3L	Test Dates: 9/2/2025 - 11/14/2025	EUT Type: Portable Handset	Page 118 of 166

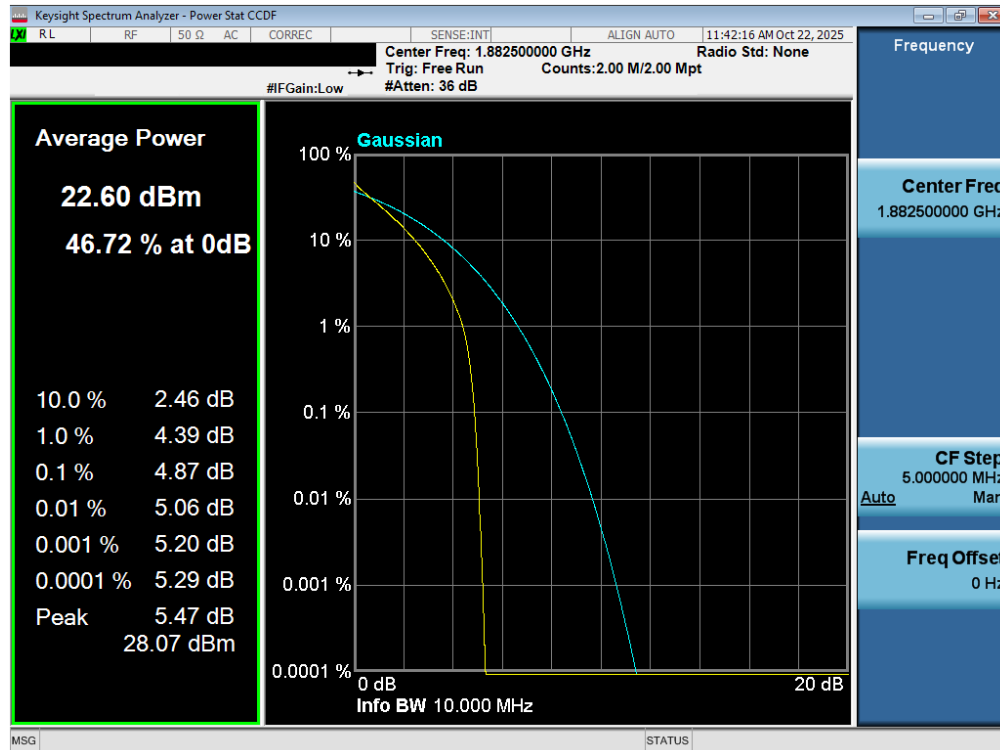


Plot 7-162. PAR Plot (LTE Band 25/2 - 15MHz QPSK - Full RB - Ant2)

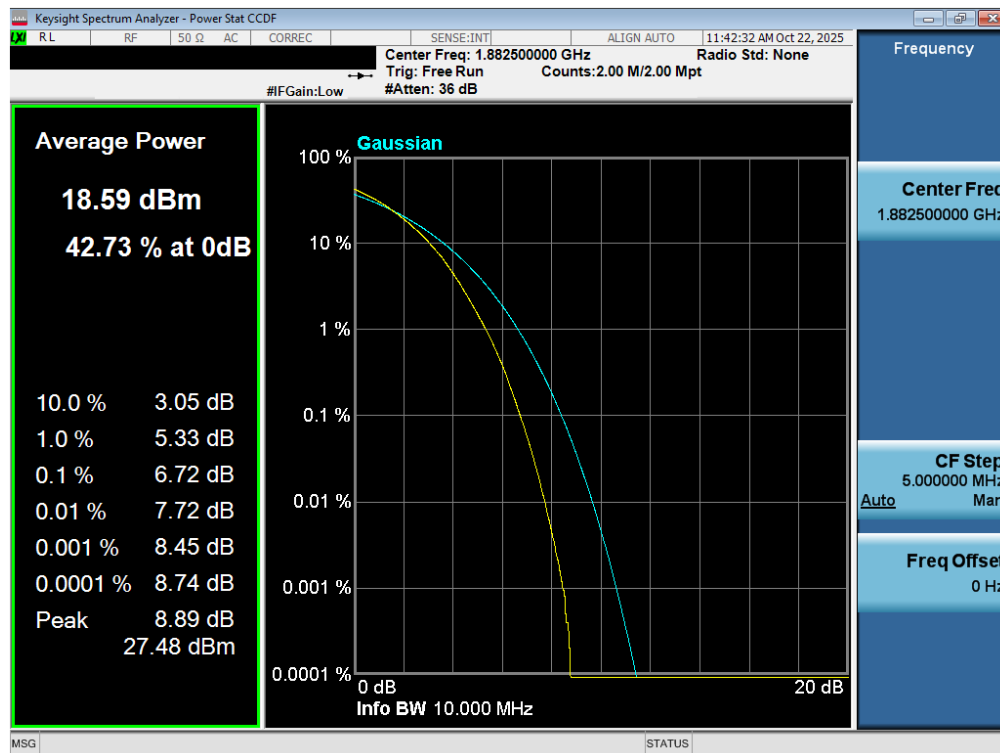


Plot 7-163. PAR Plot (LTE Band 25/2 - 15MHz 256-QAM - Full RB - Ant2)

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508250079-07.A3L	Test Dates: 9/2/2025 - 11/14/2025	EUT Type: Portable Handset	Page 119 of 166

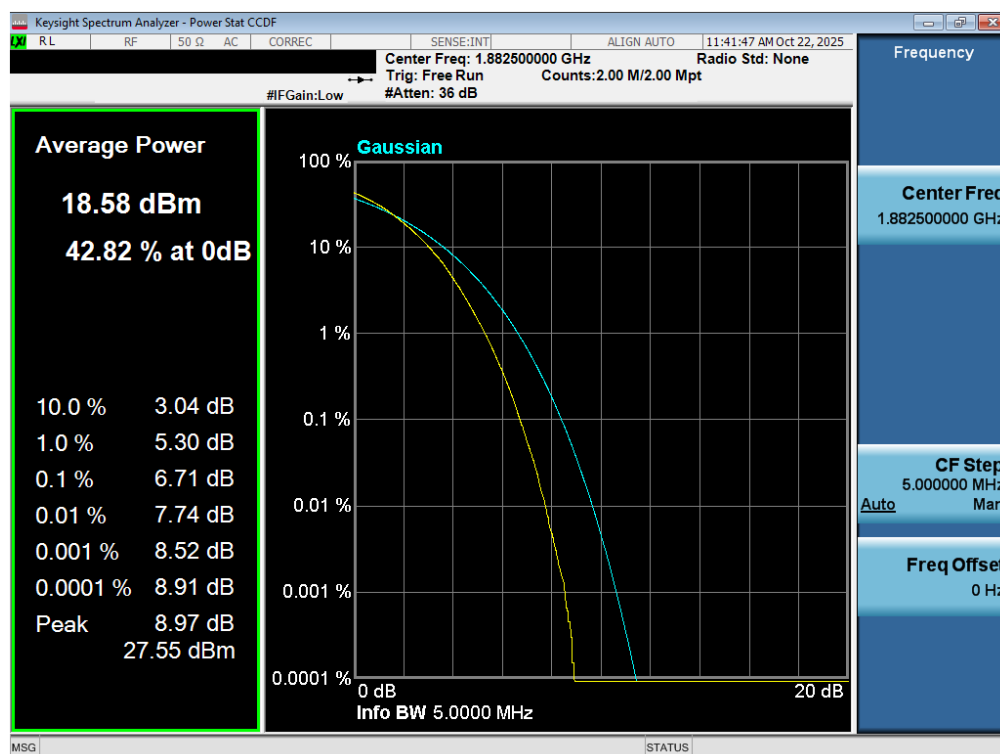
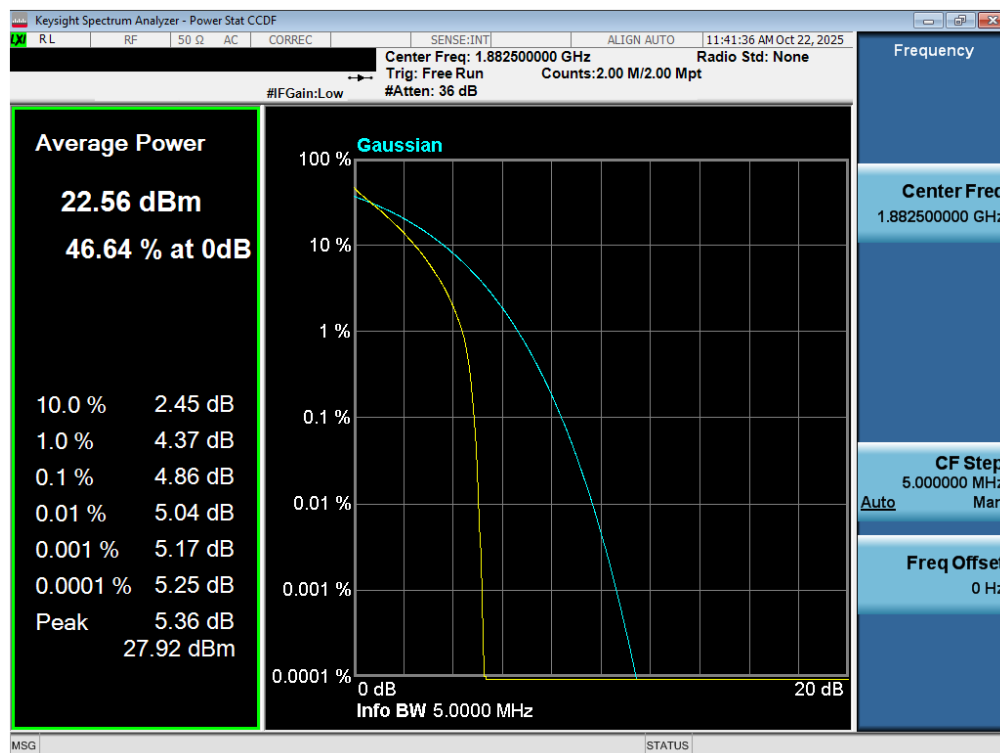


Plot 7-164. PAR Plot (LTE Band 25/2 - 10MHz QPSK - Full RB - Ant2)

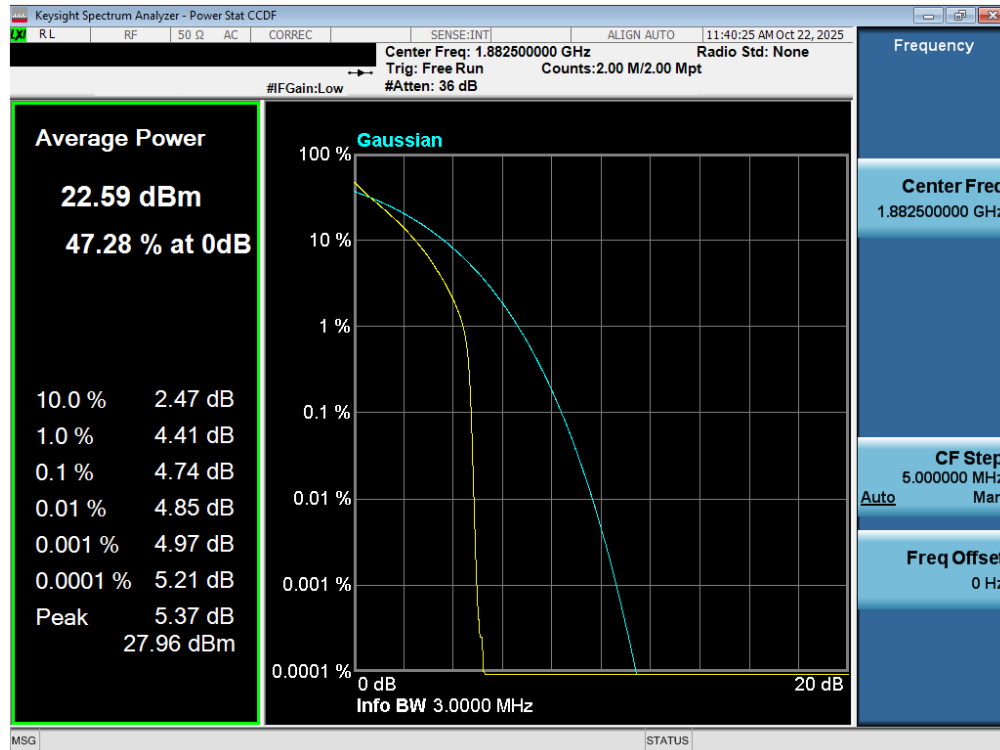


Plot 7-165. PAR Plot (LTE Band 25/2 - 10MHz 256-QAM - Full RB - Ant2)

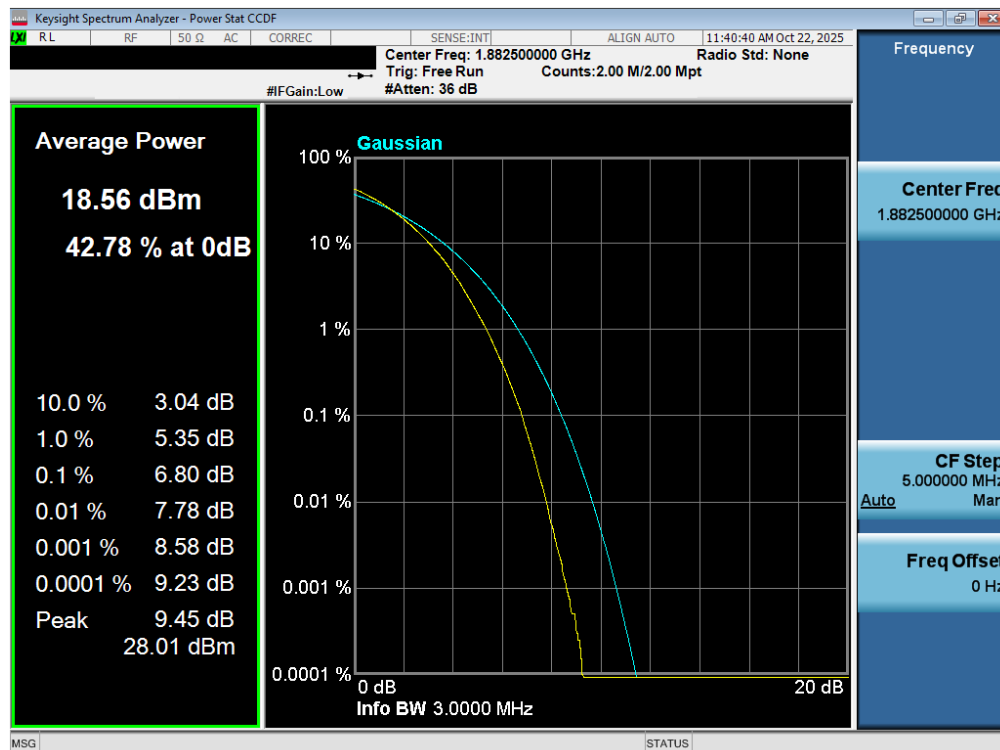
FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508250079-07.A3L	Test Dates: 9/2/2025 - 11/14/2025	EUT Type: Portable Handset	Page 120 of 166



FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508250079-07.A3L	Test Dates: 9/2/2025 - 11/14/2025	EUT Type: Portable Handset	Page 121 of 166

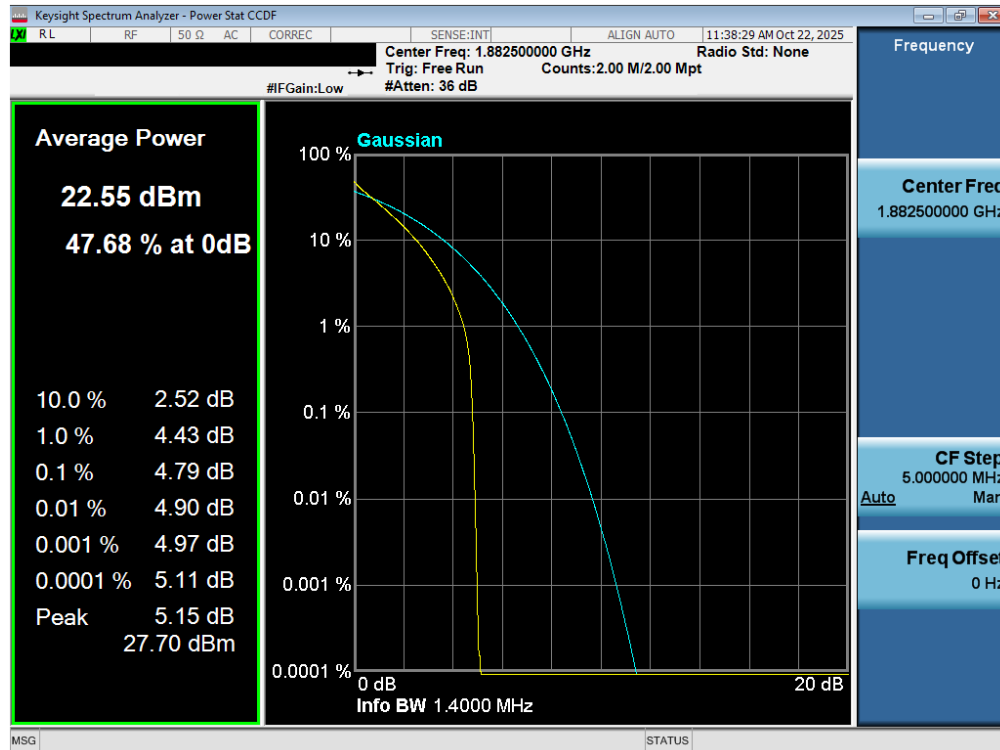


Plot 7-168. PAR Plot (LTE Band 25/2 - 3MHz QPSK - Full RB - Ant2)

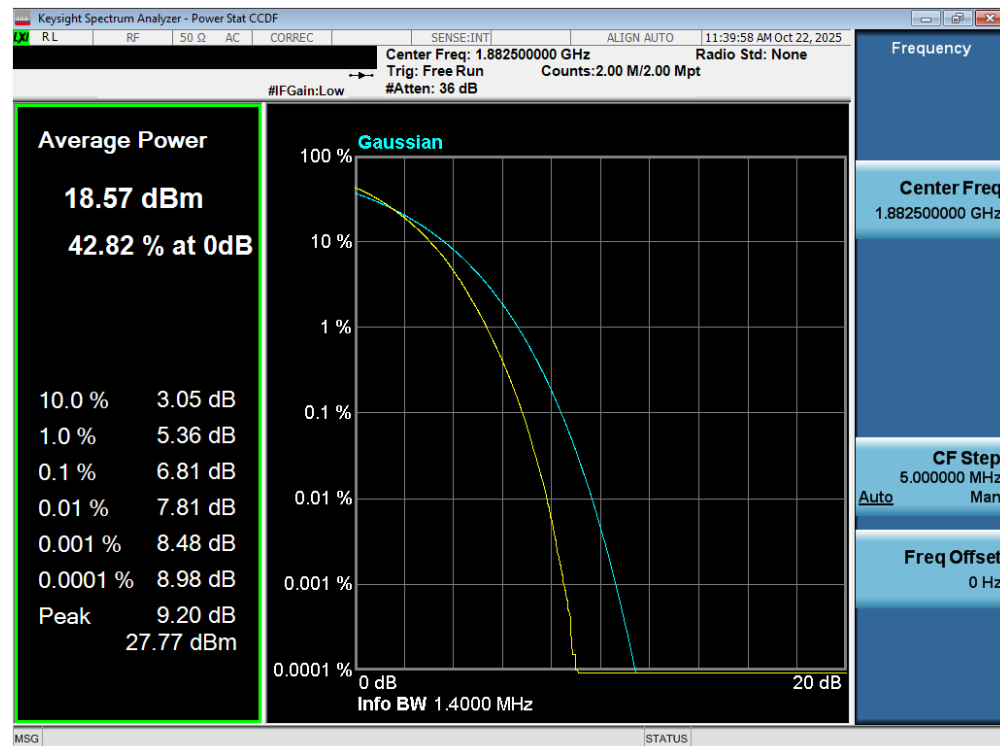


Plot 7-169. PAR Plot (LTE Band 25/2 - 3MHz 256-QAM - Full RB - Ant2)

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508250079-07.A3L	Test Dates: 9/2/2025 - 11/14/2025	EUT Type: Portable Handset	Page 122 of 166



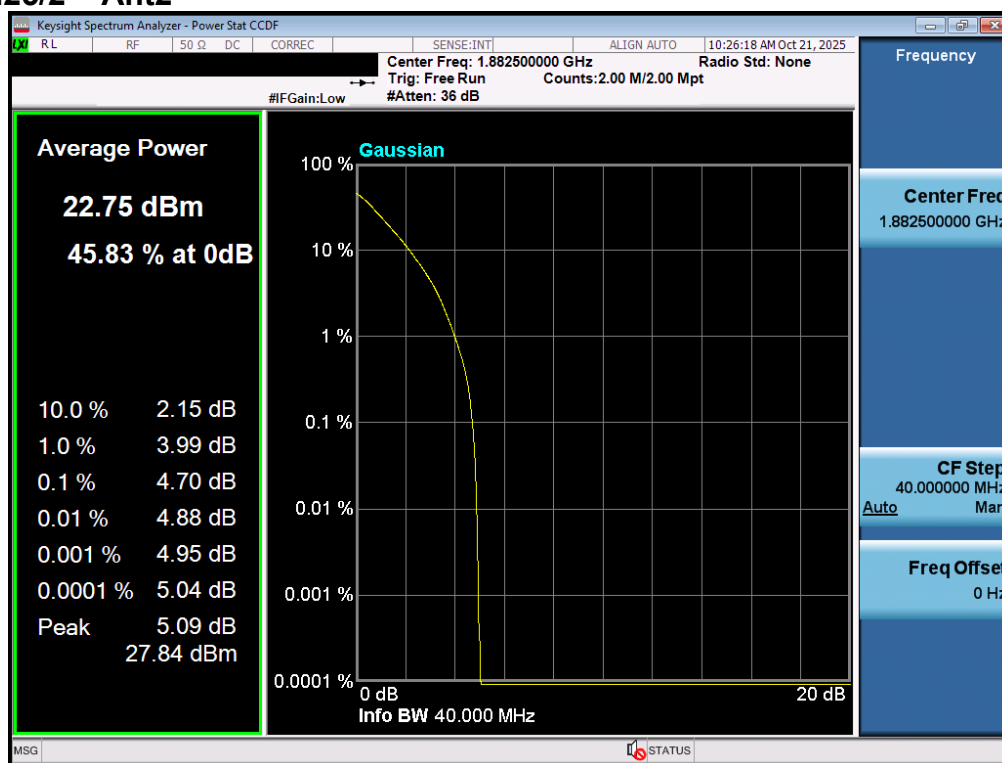
Plot 7-170. PAR Plot (LTE Band 25/2 - 1.4MHz QPSK - Full RB - Ant2)



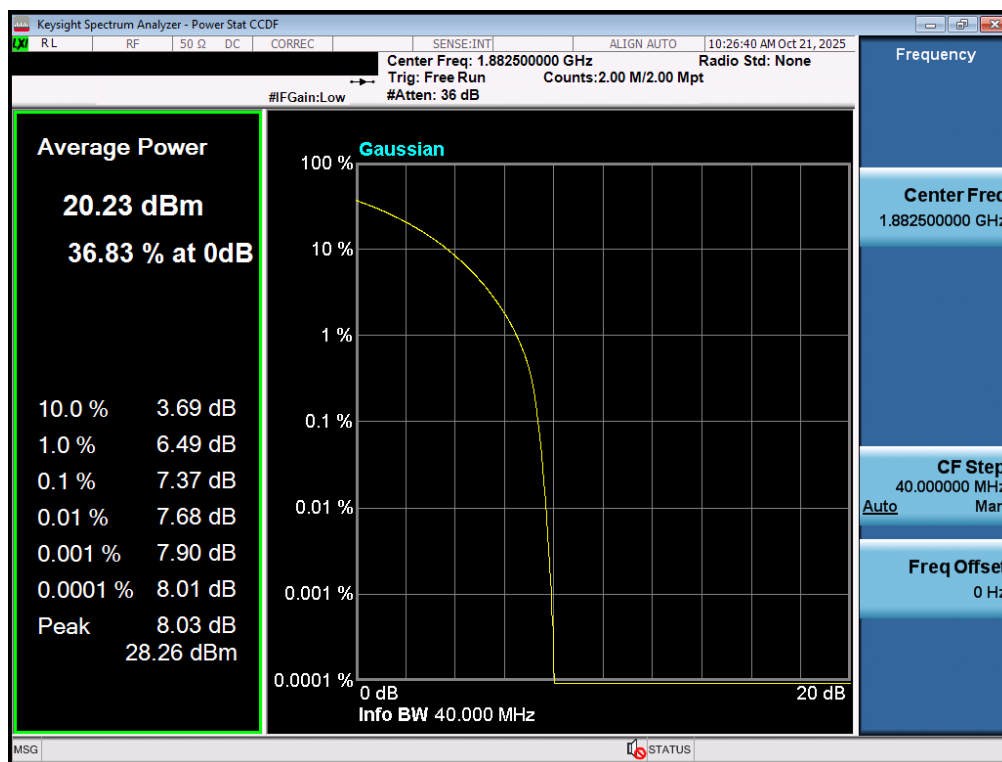
Plot 7-171. PAR Plot (LTE Band 25/2 - 1.4MHz 256-QAM - Full RB - Ant2)

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508250079-07.A3L	Test Dates: 9/2/2025 - 11/14/2025	EUT Type: Portable Handset	Page 123 of 166

NR Band n25/2 – Ant2

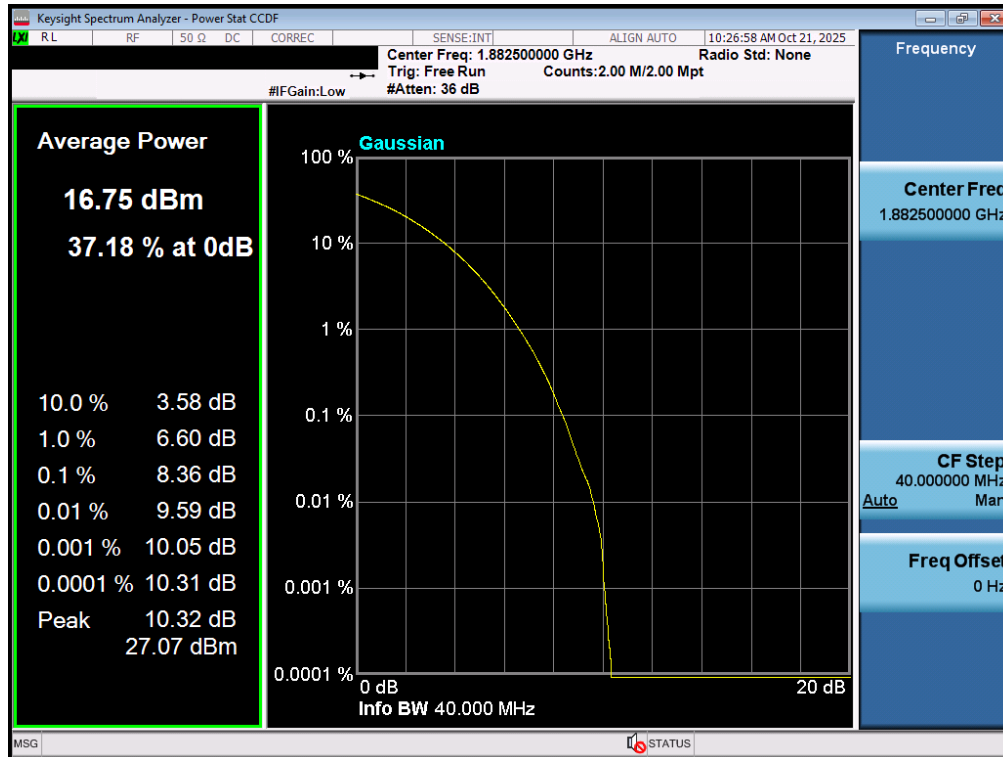


Plot 7-172. PAR Plot (NR Band n25/2 - 40.0MHz DFT-s-OFDM BPSK - Full RB - ANT2)

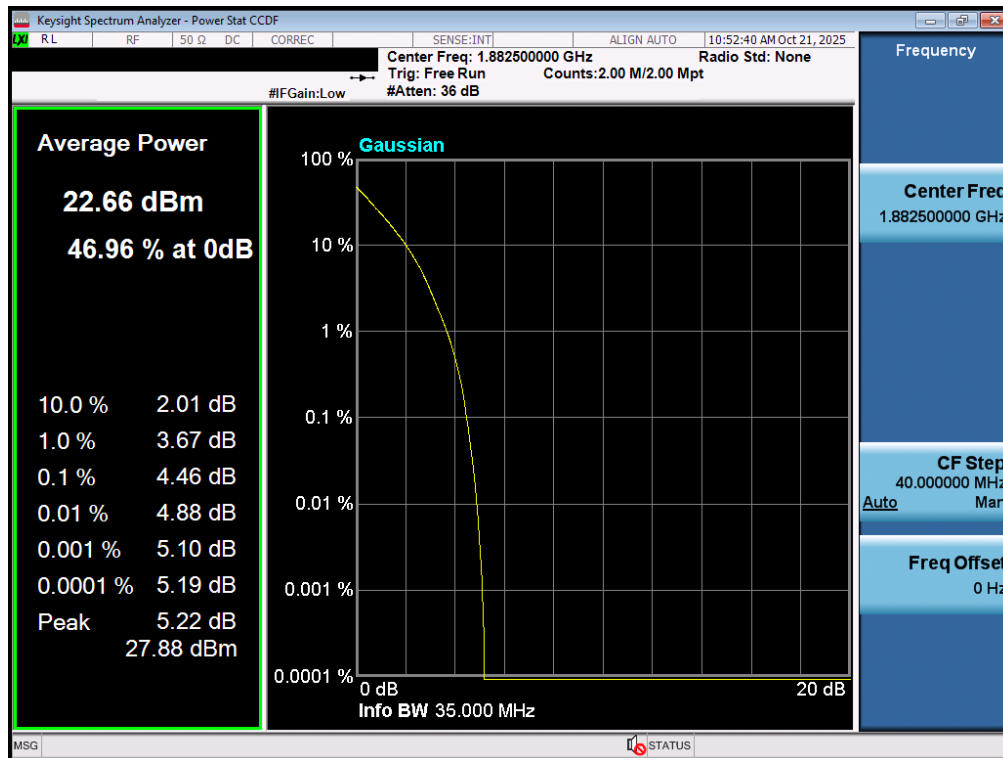


Plot 7-173. PAR Plot (NR Band n25/2 - 40.0MHz CP-OFDM QPSK - Full RB - ANT2)

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508250079-07.A3L	Test Dates: 9/2/2025 - 11/14/2025	EUT Type: Portable Handset	Page 124 of 166

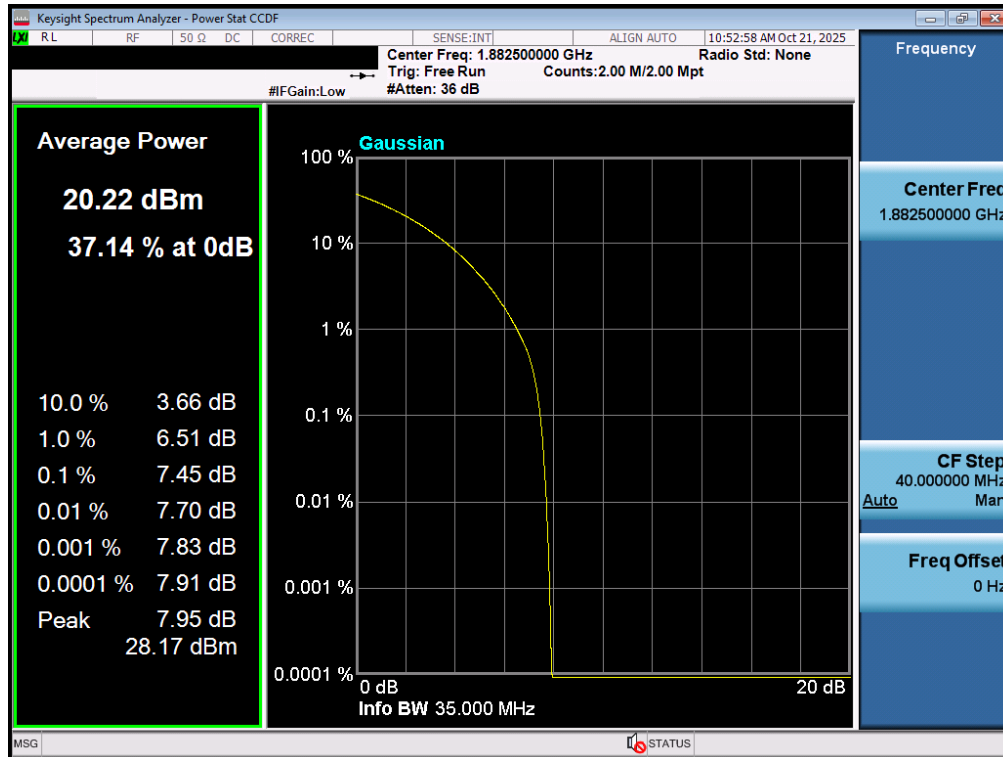


Plot 7-174. PAR Plot (NR Band n25/2 - 40.0MHz CP-OFDM 256-QAM - Full RB - ANT2)

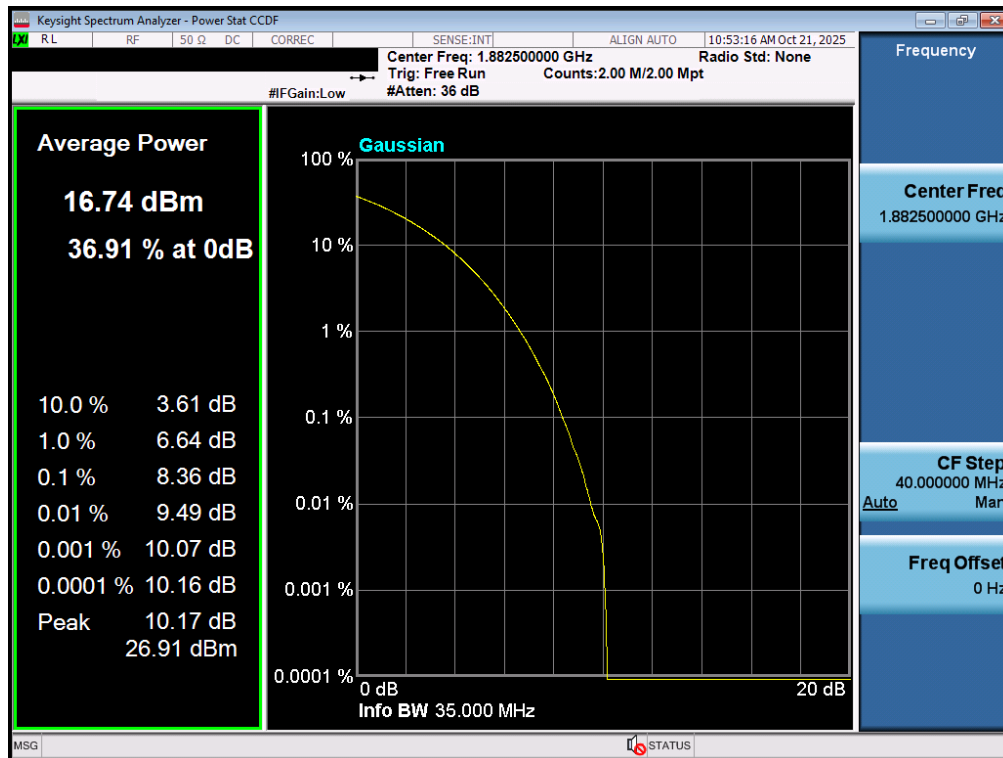


Plot 7-175. PAR Plot (NR Band n25/2 - 35.0MHz DFT-s-OFDM BPSK - Full RB - ANT2)

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508250079-07.A3L	Test Dates: 9/2/2025 - 11/14/2025	EUT Type: Portable Handset	Page 125 of 166

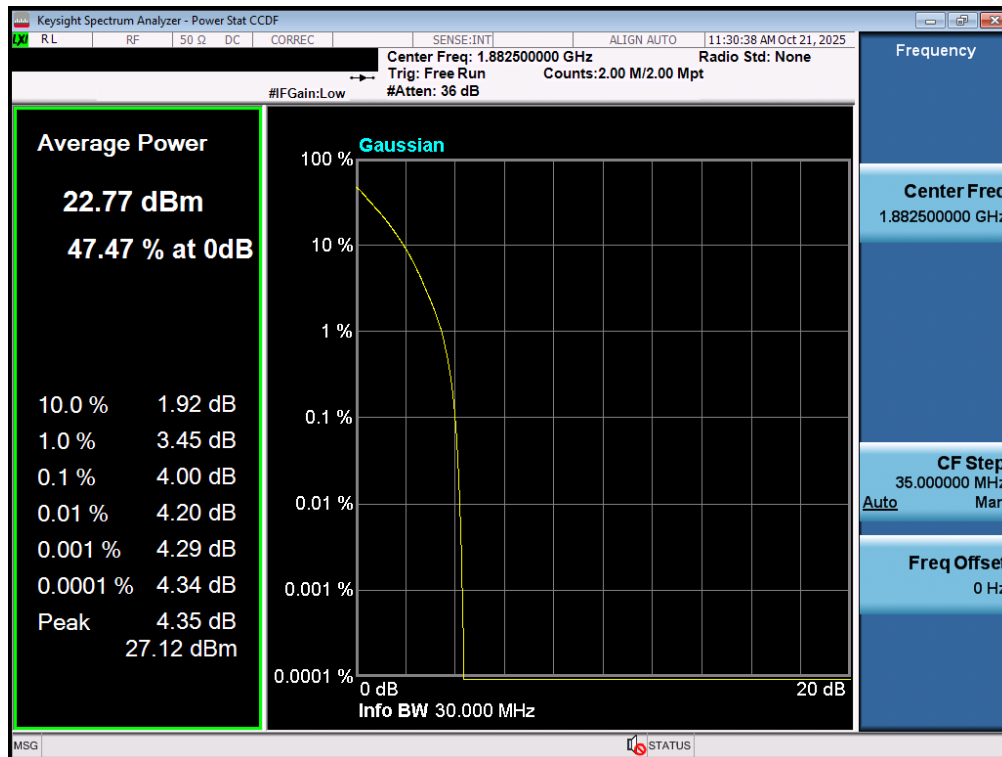


Plot 7-176. PAR Plot (NR Band n25/2 - 35.0MHz CP-OFDM QPSK - Full RB - ANT2)

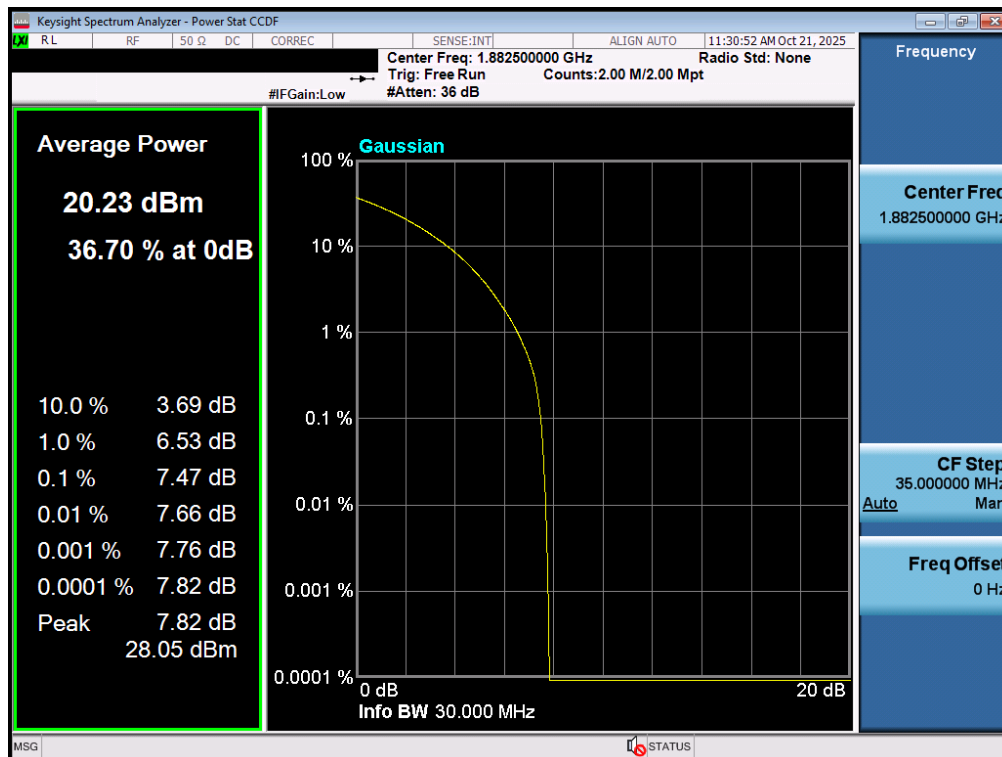


Plot 7-177. PAR Plot (NR Band n25/2 - 35.0MHz CP-OFDM 256-QAM - Full RB - ANT2)

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508250079-07.A3L	Test Dates: 9/2/2025 - 11/14/2025	EUT Type: Portable Handset	Page 126 of 166

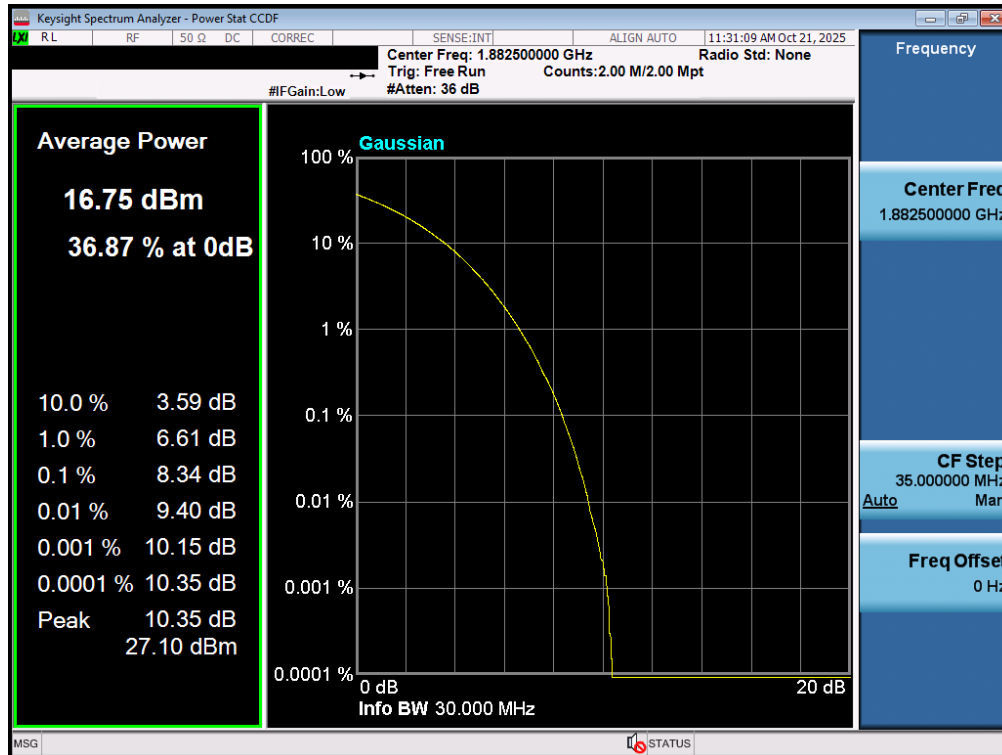


Plot 7-178. PAR Plot (NR Band n25/2 - 30.0MHz DFT-s-OFDM BPSK - Full RB - ANT2)

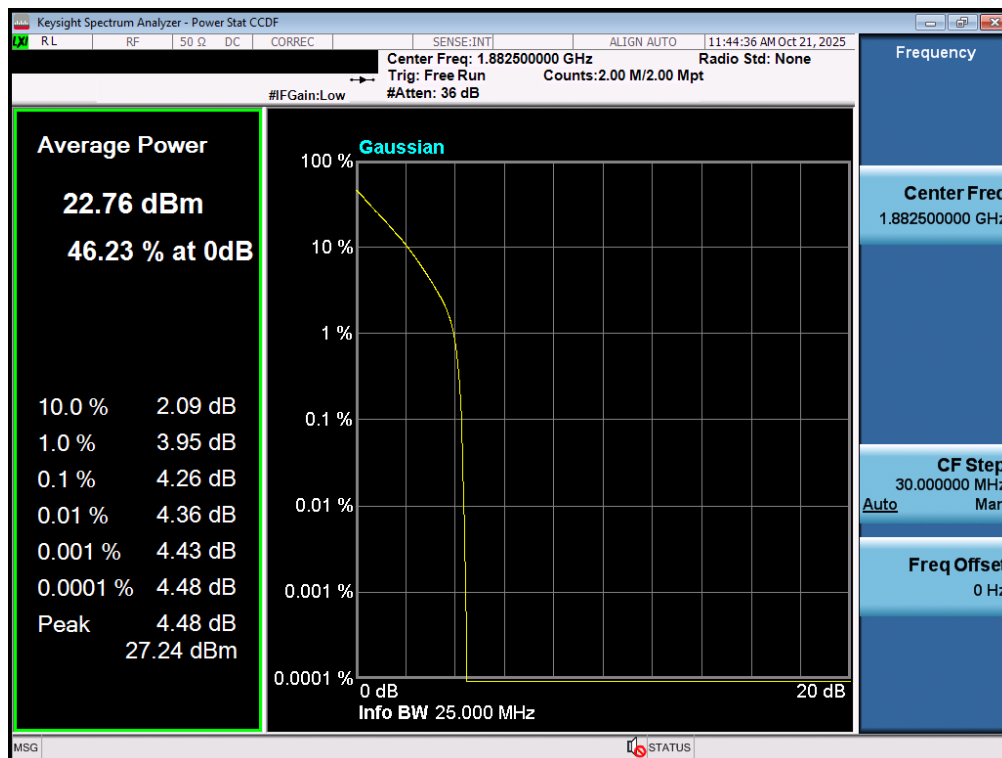


Plot 7-179. PAR Plot (NR Band n25/2 - 30.0MHz CP-OFDM QPSK - Full RB - ANT2)

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508250079-07.A3L	Test Dates: 9/2/2025 - 11/14/2025	EUT Type: Portable Handset	Page 127 of 166

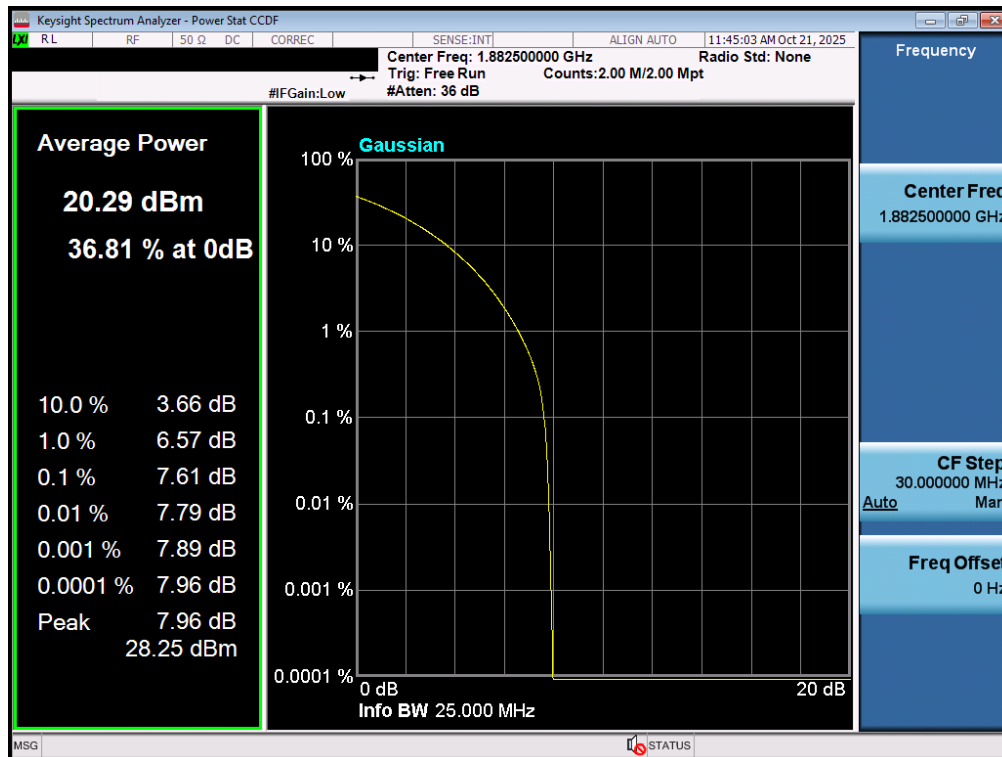


Plot 7-180. PAR Plot (NR Band n25/2 - 30.0MHz CP-OFDM 256-QAM - Full RB - ANT2)

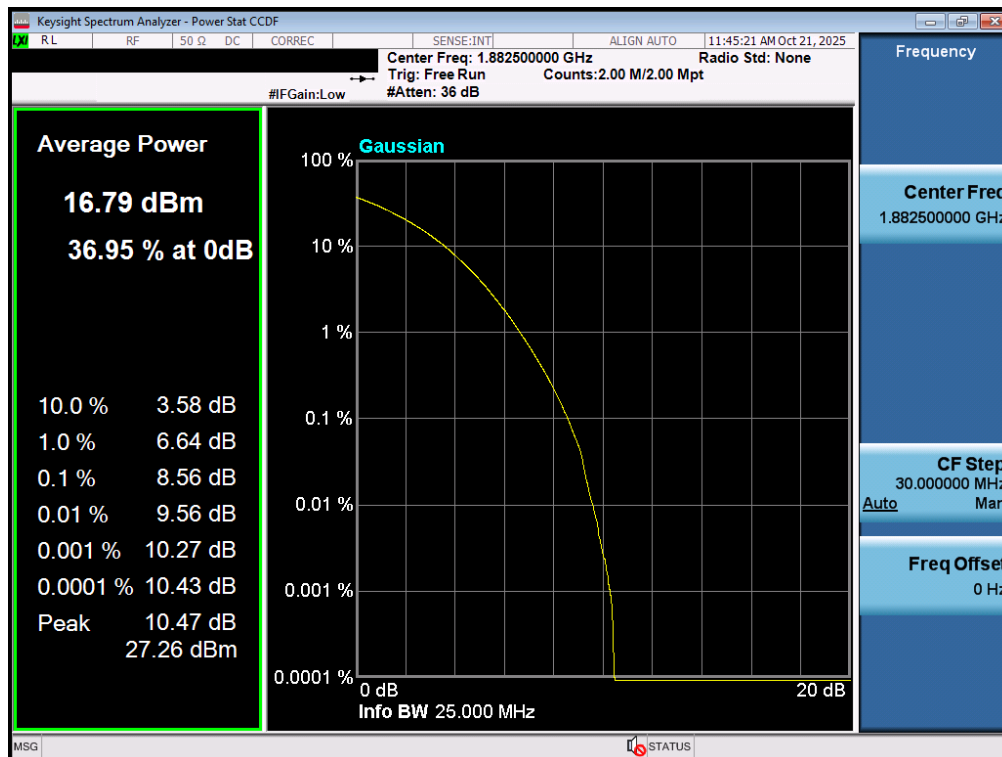


Plot 7-181. PAR Plot (NR Band n25/2 - 25.0MHz DFT-s-OFDM BPSK - Full RB - ANT2)

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508250079-07.A3L	Test Dates: 9/2/2025 - 11/14/2025	EUT Type: Portable Handset	Page 128 of 166

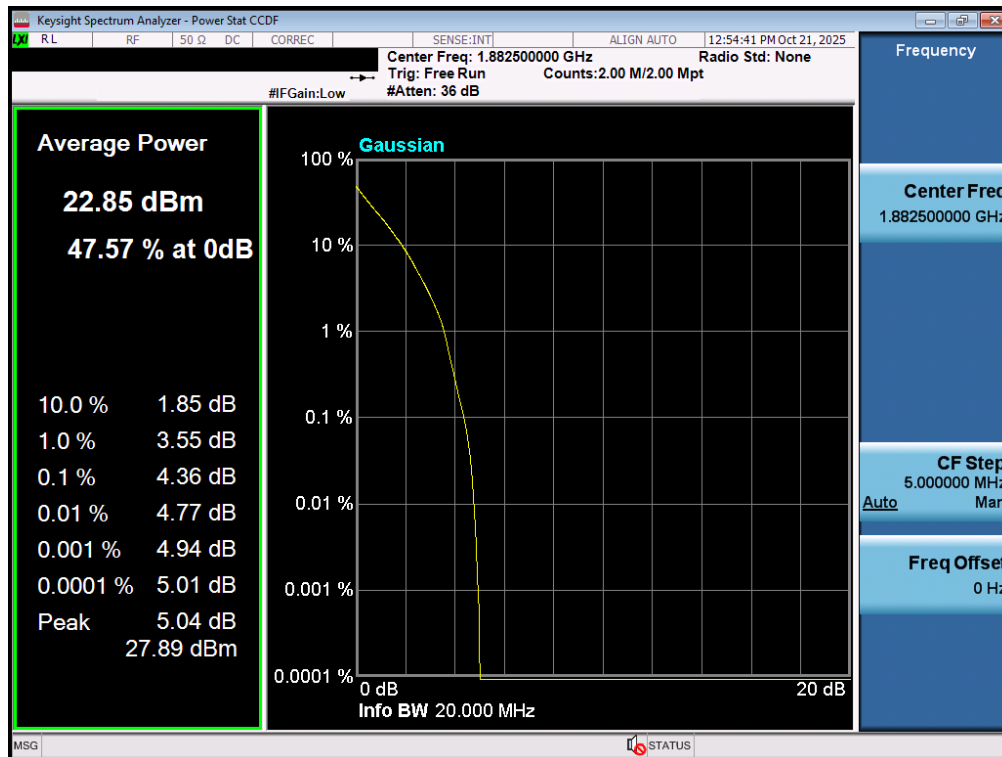


Plot 7-182. PAR Plot (NR Band n25/2 - 25.0MHz CP-OFDM QPSK - Full RB - ANT2)

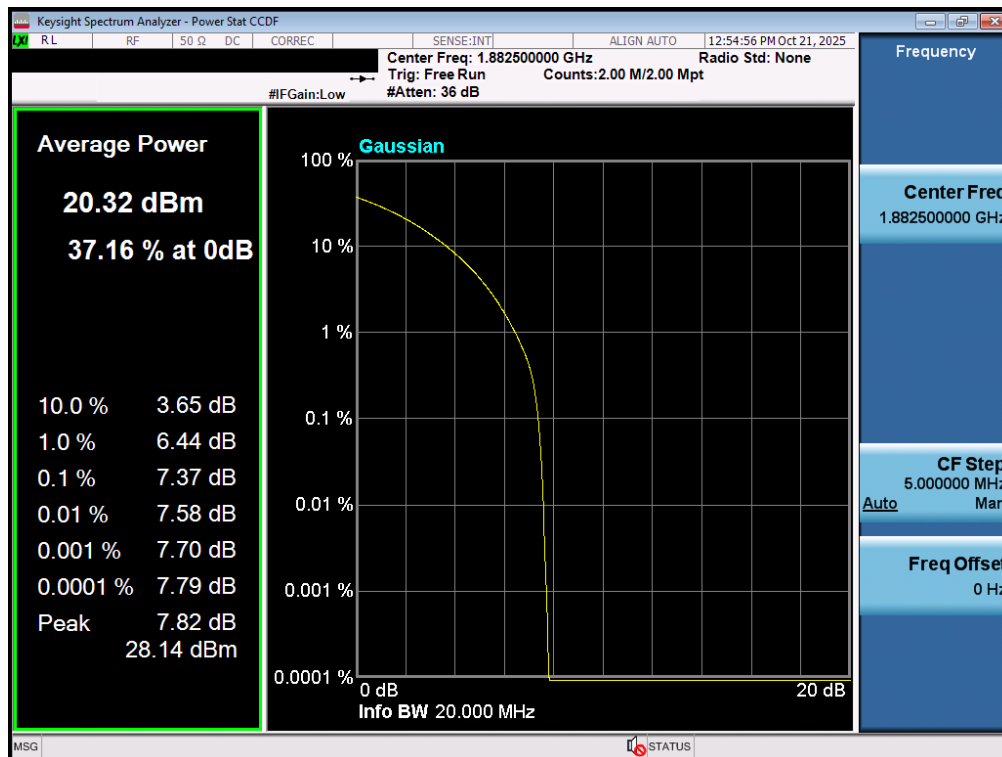


Plot 7-183. PAR Plot (NR Band n25/2 - 25.0MHz CP-OFDM 256-QAM - Full RB - ANT2)

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508250079-07.A3L	Test Dates: 9/2/2025 - 11/14/2025	EUT Type: Portable Handset	Page 129 of 166

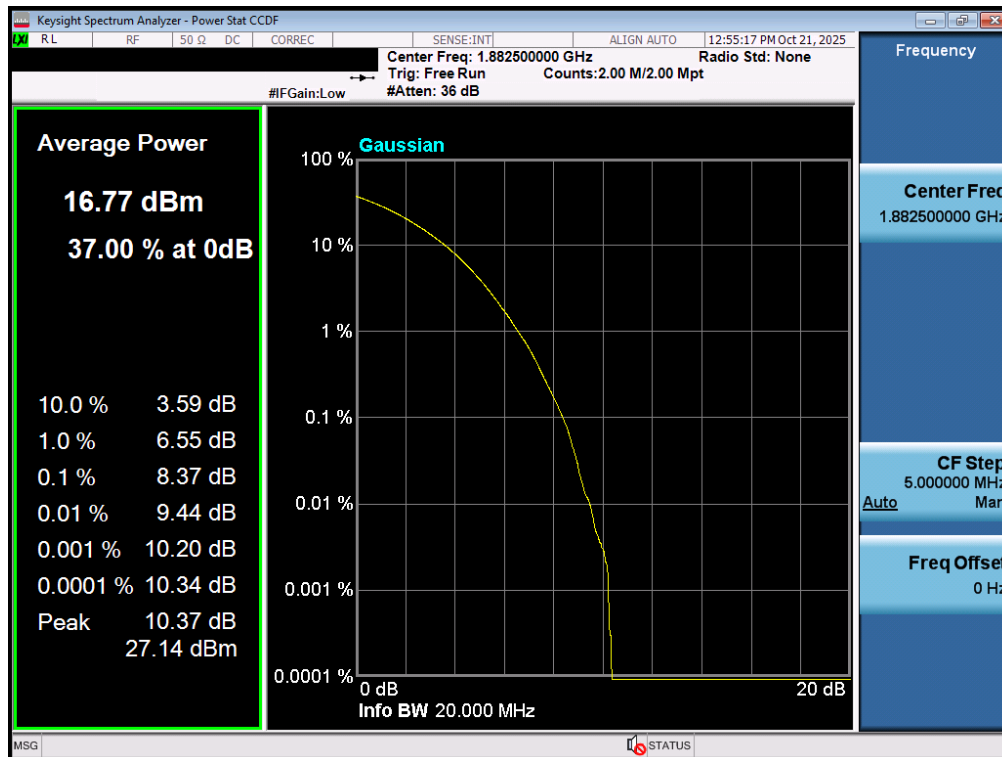


Plot 7-184. PAR Plot (NR Band n25/2 - 20.0MHz DFT-s-OFDM BPSK - Full RB - ANT2)

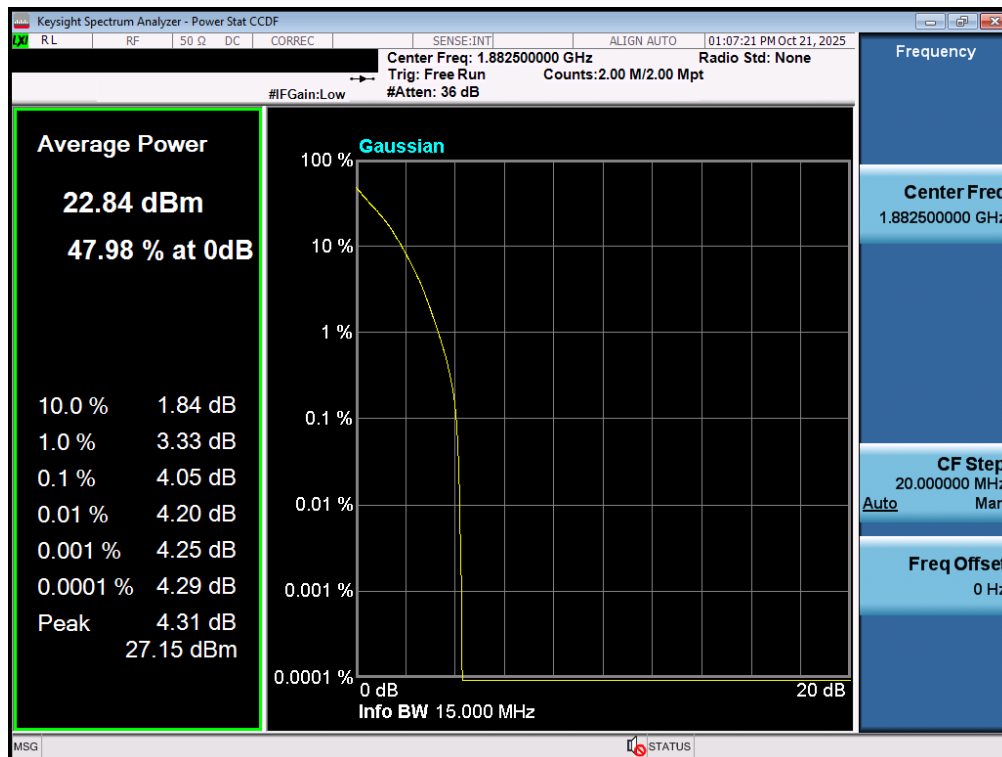


Plot 7-185. PAR Plot (NR Band n25/2 - 20.0MHz CP-OFDM QPSK - Full RB - ANT2)

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508250079-07.A3L	Test Dates: 9/2/2025 - 11/14/2025	EUT Type: Portable Handset	Page 130 of 166

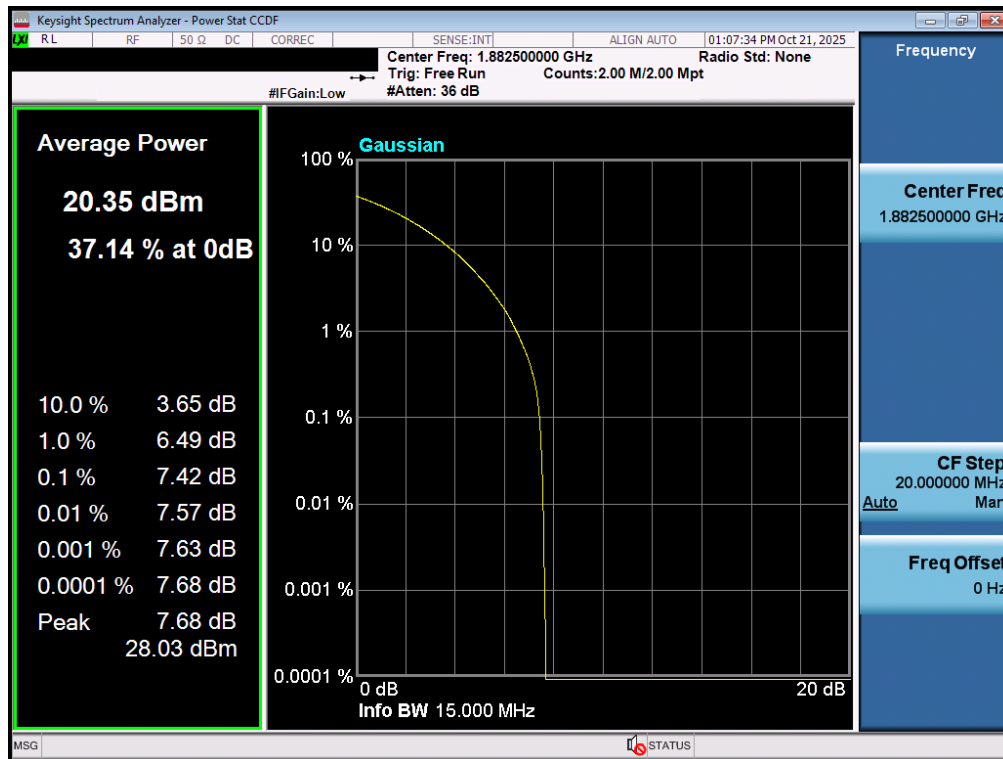


Plot 7-186. PAR Plot (NR Band n25/2 - 20.0MHz CP-OFDM 256-QAM - Full RB - ANT2)

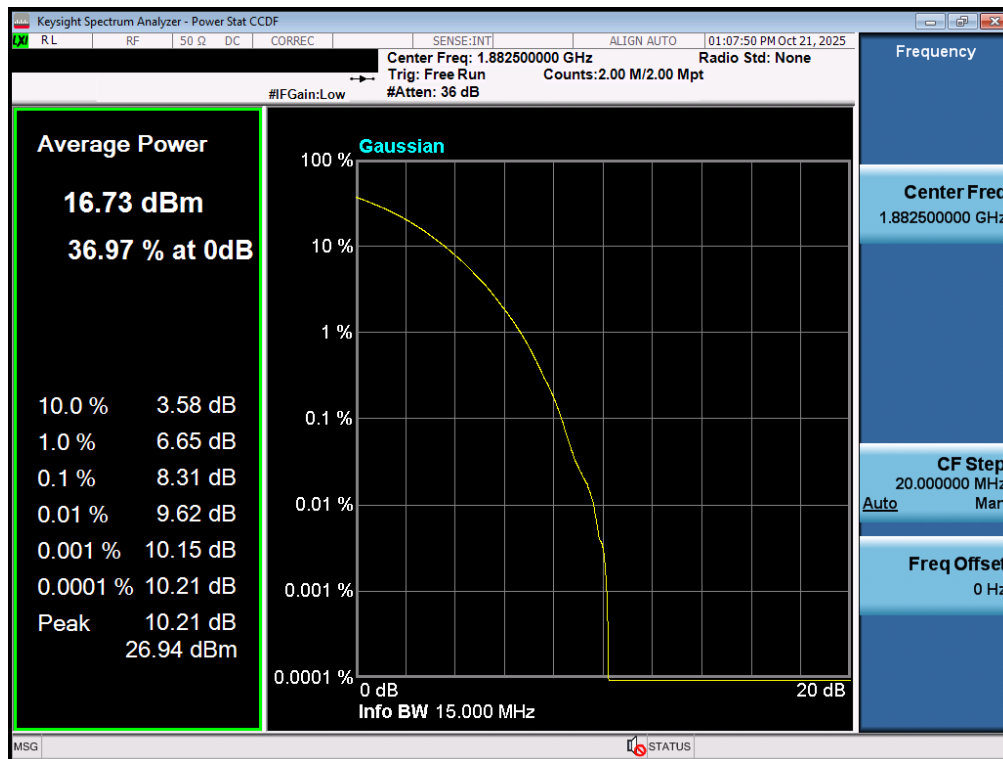


Plot 7-187. PAR Plot (NR Band n25/2 - 15.0MHz DFT-s-OFDM BPSK - Full RB - ANT2)

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508250079-07.A3L	Test Dates: 9/2/2025 - 11/14/2025	EUT Type: Portable Handset	Page 131 of 166

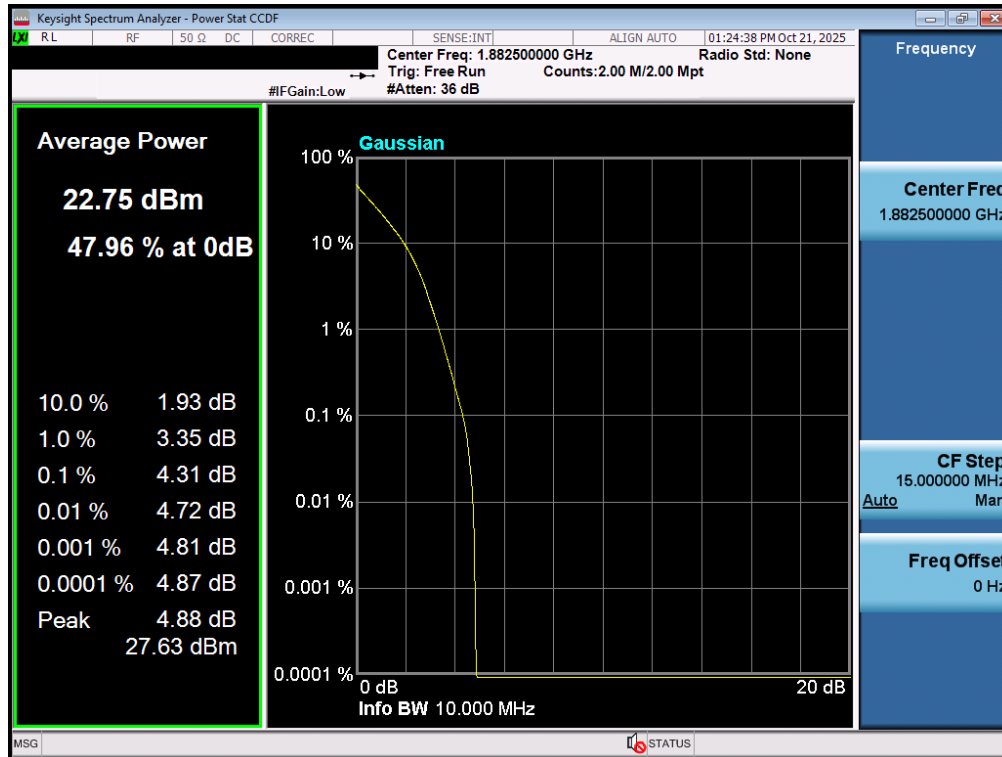


Plot 7-188. PAR Plot (NR Band n25/2 - 15.0MHz CP-OFDM QPSK - Full RB - ANT2)

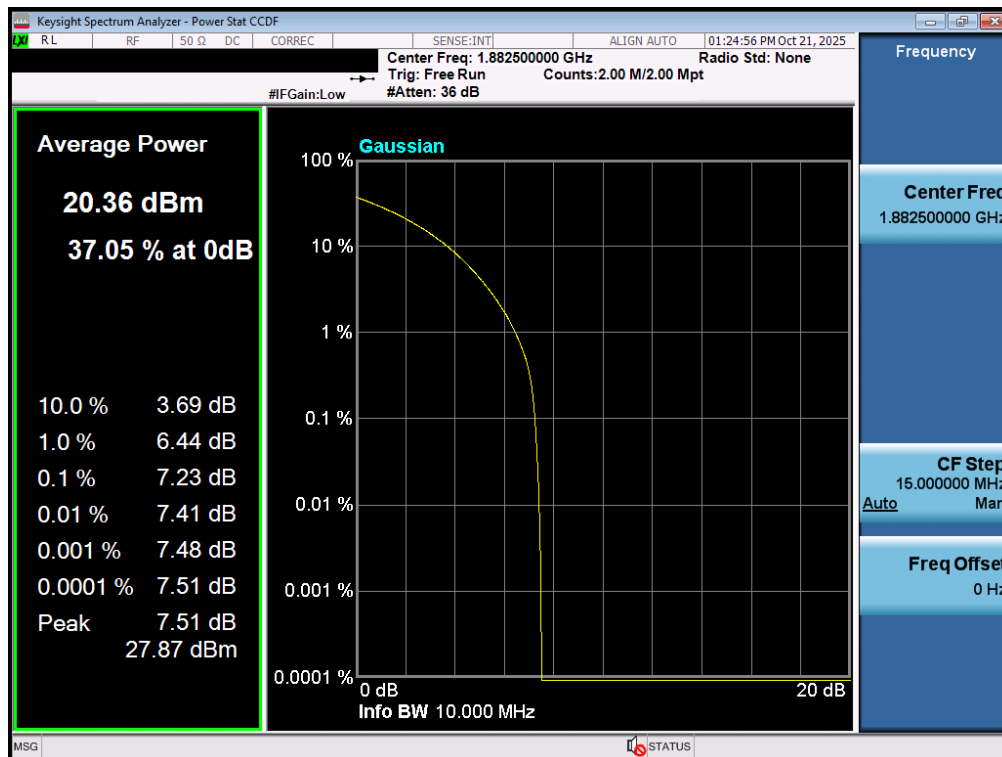


Plot 7-189. PAR Plot (NR Band n25/2 - 15.0MHz CP-OFDM 256-QAM - Full RB - ANT2)

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508250079-07.A3L	Test Dates: 9/2/2025 - 11/14/2025	EUT Type: Portable Handset	Page 132 of 166

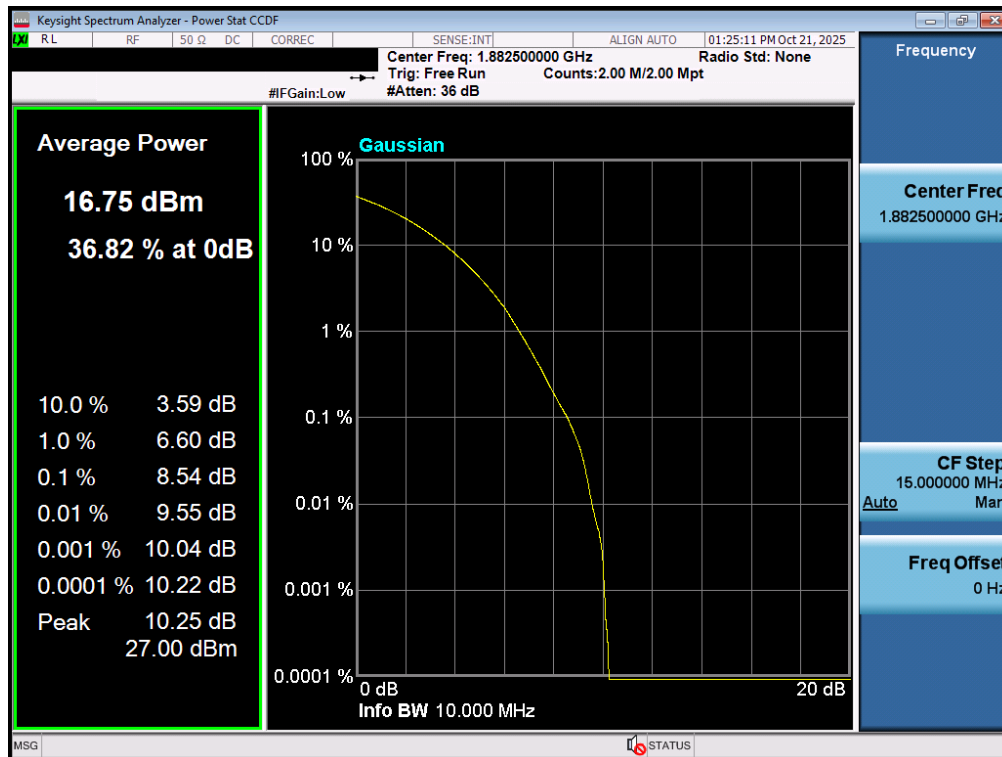


Plot 7-190. PAR Plot (NR Band n25/2 - 10.0MHz DFT-s-OFDM BPSK - Full RB - ANT2)

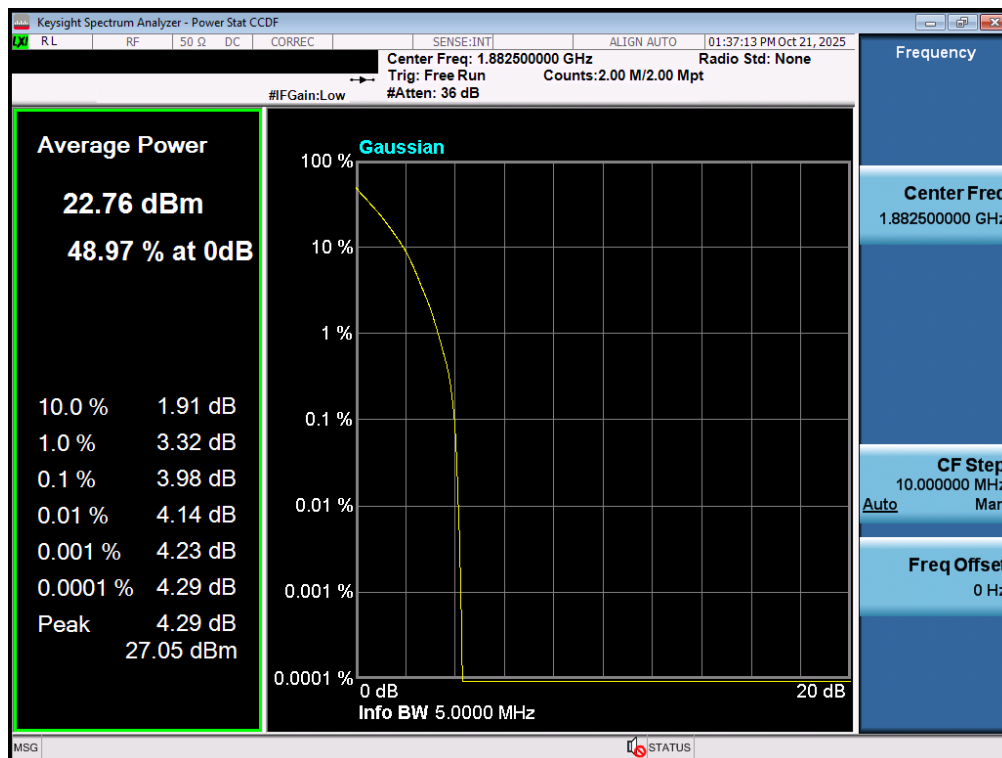


Plot 7-191. PAR Plot (NR Band n25/2 - 10.0MHz CP-OFDM QPSK - Full RB - ANT2)

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508250079-07.A3L	Test Dates: 9/2/2025 - 11/14/2025	EUT Type: Portable Handset	Page 133 of 166

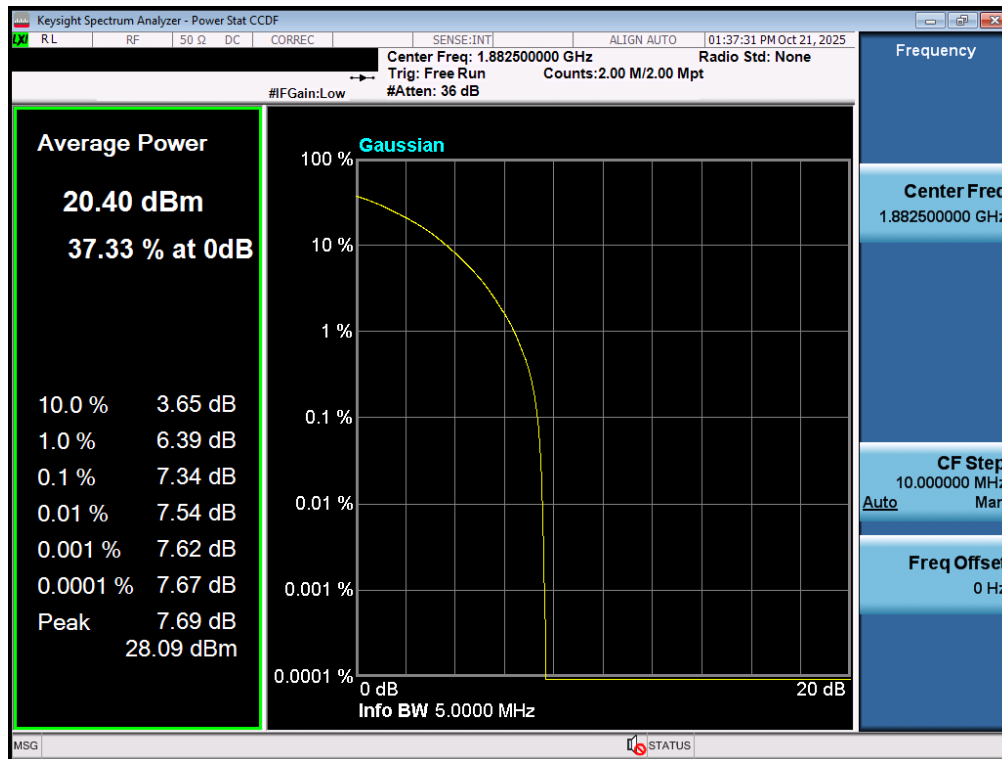


Plot 7-192. PAR Plot (NR Band n25/2 - 10.0MHz CP-OFDM 256-QAM - Full RB - ANT2)

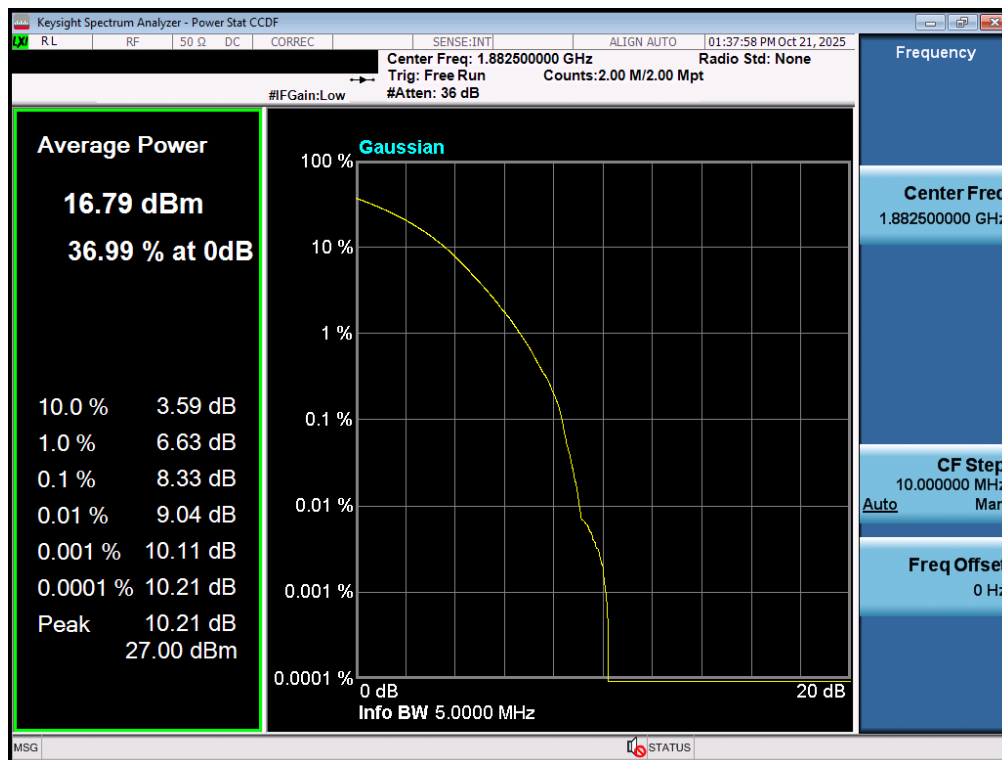


Plot 7-193. PAR Plot (NR Band n25/2 - 5.0MHz DFT-s-OFDM BPSK - Full RB - ANT2)

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-194. PAR Plot (NR Band n25/2 - 5.0MHz CP-OFDM QPSK - Full RB - ANT2)



Plot 7-195. PAR Plot (NR Band n25/2 - 5.0MHz CP-OFDM 256-QAM - Full RB - ANT2)

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508250079-07.A3L	Test Dates: 9/2/2025 - 11/14/2025	EUT Type: Portable Handset	Page 135 of 166

7.7 Radiated Power (EIRP)

Test Overview

Equivalent Isotropic Radiated Power (EIRP) measurements are performed using the substitution method described in ANSI C63.26:2015 with the EUT transmitting into an integral antenna. Measurements are performed using vertically and horizontally polarized broadband horn antennas. All measurements are performed as RMS average measurements while the EUT is operating at maximum power, and at the appropriate frequencies.

Test Procedures Used

ANSI C63.26:2015 – Section 5.2.4.4

Test Settings

1. Radiated power measurements are performed using the signal analyzer's "channel power" measurement capability for signals with continuous operation. For signals with burst transmission, the signal analyzer's "time domain power" measurement capability is used
2. RBW = 1 – 5% of the expected OBW, not to exceed 1MHz
3. VBW $\geq 3 \times$ RBW
4. Span = 1.5 times the OBW
5. No. of sweep points $\geq 2 \times$ span / RBW
6. Detector = RMS
7. Trigger is set to "free run" for signals with continuous operation with the sweep times set to "auto". Trigger is set to enable triggering only on full power bursts with the sweep time set less than or equal to the transmission burst duration.
8. The integration bandwidth was roughly set equal to the measured OBW of the signal for signals with continuous operation. For signals with burst transmission, the "gating" function was enabled to ensure that measurements are performed during times in which the transmitter is operating at its maximum power.
9. Trace mode = trace averaging (RMS) over 100 sweeps
10. The trace was allowed to stabilize.

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Test Setup

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

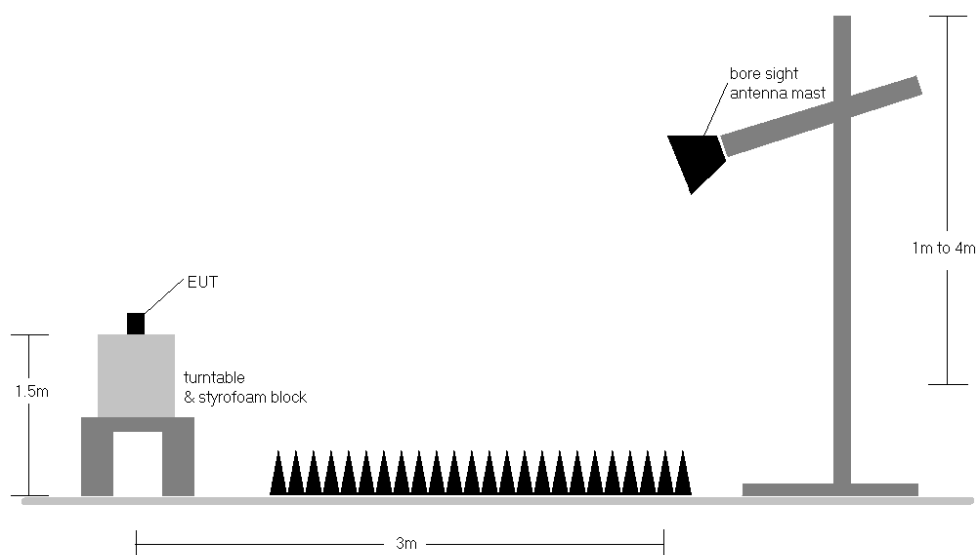


Figure 7-6. Radiated Test Setup >1GHz

Test Notes

- 1) This device employs GSM, GPRS, and EDGE capabilities. The EUT was tested under all configurations and the highest powers are reported in GPRS mode while transmitting with one slot active.
- 2) This device employs UMTS technology with WCDMA (AMR/RMC) and HSDPA capabilities. The EUT was tested under all configurations and the highest powers are reported in WCDMA mode with HSDPA Inactive at 12.2 kbps RMC and TPC bits all set to "1".
- 3) The EUT was tested in three orthogonal planes and in all possible test configurations and positioning. The worst-case emissions are reported with the EUT positioning, modulations, RB sizes and offsets, and channel bandwidth configurations shown in the tables below.
- 4) This unit was tested with its standard battery.
- 5) 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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Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
20 MHz	QPSK	1860.00	V	112	333	2.53	1 / 50	22.14	24.67	0.293	33.01	-8.34
	QPSK	1882.50	V	130	339	2.32	1 / 50	22.38	24.70	0.295	33.01	-8.31
	QPSK	1905.00	V	143	347	2.19	1 / 0	21.97	24.16	0.260	33.01	-8.85
	16-QAM	1860.00	V	112	333	2.53	1 / 50	21.26	23.79	0.239	33.01	-9.22
	16-QAM	1882.50	V	130	339	2.32	1 / 50	21.54	23.86	0.243	33.01	-9.15
15 MHz	16-QAM	1905.00	V	143	347	2.19	1 / 0	21.07	23.26	0.212	33.01	-9.75
	QPSK	1857.50	V	112	333	2.55	1 / 0	22.39	24.95	0.312	33.01	-8.06
	QPSK	1882.50	V	130	339	2.32	1 / 0	22.39	24.70	0.295	33.01	-8.31
	QPSK	1907.50	V	143	347	2.20	1 / 74	22.08	24.29	0.268	33.01	-8.73
	16-QAM	1857.50	V	112	333	2.55	1 / 0	21.30	23.85	0.243	33.01	-9.16
10 MHz	16-QAM	1882.50	V	130	339	2.32	1 / 0	21.63	23.95	0.248	33.01	-9.06
	16-QAM	1907.50	V	143	347	2.20	1 / 74	21.06	23.27	0.212	33.01	-9.74
	QPSK	1855.00	V	112	333	2.58	1 / 0	22.13	24.71	0.296	33.01	-8.30
	QPSK	1882.50	V	130	339	2.32	1 / 25	22.39	24.70	0.295	33.01	-8.31
	QPSK	1910.00	V	143	347	2.22	1 / 0	21.86	24.08	0.256	33.01	-8.93
5 MHz	16-QAM	1855.00	V	112	333	2.58	1 / 0	21.21	23.79	0.239	33.01	-9.22
	16-QAM	1882.50	V	130	339	2.32	1 / 25	21.60	23.92	0.247	33.01	-9.09
	16-QAM	1910.00	V	143	347	2.22	1 / 0	20.49	22.71	0.187	33.01	-10.30
	QPSK	1852.50	V	112	333	2.60	1 / 24	22.17	24.77	0.300	33.01	-8.24
	QPSK	1882.50	V	130	339	2.32	1 / 12	22.53	24.84	0.305	33.01	-8.17
3 MHz	QPSK	1912.50	V	143	347	2.24	1 / 12	22.00	24.24	0.265	33.01	-8.77
	16-QAM	1852.50	V	112	333	2.60	1 / 24	21.45	24.05	0.254	33.01	-8.96
	16-QAM	1882.50	V	130	339	2.32	1 / 12	21.84	24.16	0.261	33.01	-8.85
	16-QAM	1912.50	V	143	347	2.24	1 / 12	20.95	23.19	0.208	33.01	-9.82
	QPSK	1851.50	V	112	333	2.61	1 / 0	22.11	24.72	0.296	33.01	-8.29
1.4 MHz	QPSK	1882.50	V	130	339	2.32	1 / 7	22.46	24.77	0.300	33.01	-8.24
	QPSK	1913.50	V	143	347	2.25	1 / 7	21.97	24.22	0.264	33.01	-8.79
	16-QAM	1851.50	V	112	333	2.61	1 / 0	21.53	24.14	0.260	33.01	-8.87
	16-QAM	1882.50	V	130	339	2.32	1 / 7	21.74	24.06	0.255	33.01	-8.95
	16-QAM	1913.50	V	143	347	2.25	1 / 7	20.93	23.17	0.208	33.01	-9.84
20 MHz	QPSK	1850.70	V	112	333	2.62	1 / 0	22.14	24.76	0.299	33.01	-8.25
	QPSK	1882.50	V	130	339	2.32	1 / 5	22.24	24.55	0.285	33.01	-8.46
	QPSK	1914.30	V	143	347	2.25	1 / 5	21.84	24.09	0.257	33.01	-8.92
	16-QAM	1850.70	V	112	333	2.62	1 / 0	21.37	23.99	0.251	33.01	-9.02
	16-QAM	1882.50	V	130	339	2.32	1 / 5	21.53	23.84	0.242	33.01	-9.17
20 MHz	16-QAM	1914.30	V	143	347	2.25	1 / 5	20.75	23.00	0.200	33.01	-10.01
	Opposite Pol.	1882.50	H	162	14	2.65	1 / 0	20.70	23.35	0.216	33.01	-9.66
	WCP	1882.50	V	108	274	2.32	1 / 50	21.93	24.25	0.266	33.01	-8.76

Table 7-16. EIRP Data (LTE Band 25/2 – Ant1)

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
40 MHz	$\pi/2$ BPSK	1870.00	V	176	332	2.43	1 / 108	21.26	23.69	0.234	33.01	-9.32
	$\pi/2$ BPSK	1882.50	V	159	336	2.32	1 / 108	21.67	23.99	0.250	33.01	-9.02
	$\pi/2$ BPSK	1895.00	V	163	337	2.20	1 / 108	21.70	23.90	0.245	33.01	-9.11
	QPSK	1870.00	V	176	332	2.43	1 / 108	21.24	23.67	0.233	33.01	-9.34
	QPSK	1882.50	V	159	336	2.32	1 / 108	21.69	24.01	0.252	33.01	-9.00
	QPSK	1895.00	V	163	337	2.20	1 / 108	21.66	23.86	0.243	33.01	-9.15
	16-QAM	1870.00	V	176	332	2.43	1 / 108	20.11	22.54	0.180	33.01	-10.47
	16-QAM	1882.50	V	159	336	2.32	1 / 108	20.57	22.89	0.194	33.01	-10.12
	16-QAM	1895.00	V	163	337	2.20	1 / 108	20.50	22.70	0.186	33.01	-10.31
	$\pi/2$ BPSK	1865.00	V	176	332	2.48	1 / 1	21.51	23.99	0.251	33.01	-9.02
30 MHz	$\pi/2$ BPSK	1882.50	V	159	336	2.32	1 / 158	21.93	24.25	0.266	33.01	-8.76
	$\pi/2$ BPSK	1900.00	V	163	337	2.15	1 / 158	21.70	23.85	0.243	33.01	-9.16
	QPSK	1865.00	V	176	332	2.48	1 / 1	21.43	23.91	0.246	33.01	-9.10
	QPSK	1882.50	V	159	336	2.32	1 / 158	21.82	24.14	0.259	33.01	-8.87
	QPSK	1900.00	V	163	337	2.15	1 / 158	21.66	23.81	0.240	33.01	-9.20
	16-QAM	1865.00	V	176	332	2.48	1 / 1	20.22	22.70	0.186	33.01	-10.31
	16-QAM	1882.50	V	159	336	2.32	1 / 158	20.72	23.03	0.201	33.01	-9.98
	16-QAM	1900.00	V	163	337	2.15	1 / 158	19.56	21.71	0.148	33.01	-11.30
	$\pi/2$ BPSK	1862.50	V	176	332	2.51	1 / 1	21.47	23.98	0.250	33.01	-9.03
	$\pi/2$ BPSK	1882.50	V	159	336	2.32	1 / 131	21.93	24.25	0.266	33.01	-8.76
25 MHz	$\pi/2$ BPSK	1902.50	V	163	337	2.17	1 / 66	21.99	24.16	0.260	33.01	-8.85
	QPSK	1862.50	V	176	332	2.51	1 / 66	21.34	23.85	0.242	33.01	-9.16
	QPSK	1882.50	V	159	336	2.32	1 / 131	21.81	24.13	0.259	33.01	-8.88
	QPSK	1902.50	V	163	337	2.17	1 / 66	21.61	23.77	0.238	33.01	-9.24
	16-QAM	1862.50	V	176	332	2.51	1 / 1	20.36	22.86	0.193	33.01	-10.15
	16-QAM	1882.50	V	159	336	2.32	1 / 131	20.88	23.19	0.209	33.01	-9.82
	16-QAM	1902.50	V	163	337	2.17	1 / 66	19.36	21.52	0.142	33.01	-11.49
	$\pi/2$ BPSK	1860.00	V	176	332	2.53	1 / 1	21.35	23.88	0.244	33.01	-9.13
	$\pi/2$ BPSK	1882.50	V	159	336	2.32	1 / 104	21.83	24.15	0.260	33.01	-8.86
	$\pi/2$ BPSK	1905.00	V	163	337	2.19	1 / 1	21.76	23.95	0.248	33.01	-9.06
20 MHz	QPSK	1860.00	V	176	332	2.53	1 / 1	21.20	23.73	0.236	33.01	-9.28
	QPSK	1882.50	V	159	336	2.32	1 / 104	21.66	23.97	0.250	33.01	-9.04
	QPSK	1905.00	V	163	337	2.19	1 / 1	21.60	23.78	0.239	33.01	-9.23
	16-QAM	1860.00	V	176	332	2.53	1 / 1	20.18	22.71	0.187	33.01	-10.30
	16-QAM	1882.50	V	159	336	2.32	1 / 104	20.91	23.23	0.210	33.01	-9.78
	16-QAM	1905.00	V	163	337	2.19	1 / 1	19.38	21.57	0.143	33.01	-11.44
	$\pi/2$ BPSK	1857.50	V	176	332	2.55	1 / 1	21.46	24.02	0.252	33.01	-8.99
	$\pi/2$ BPSK	1882.50	V	159	336	2.32	1 / 1	21.92	24.23	0.265	33.01	-8.78
	$\pi/2$ BPSK	1907.50	V	163	337	2.20	1 / 77	21.91	24.12	0.258	33.01	-8.89
	QPSK	1857.50	V	176	332	2.55	1 / 1	21.34	23.89	0.245	33.01	-9.12
15 MHz	QPSK	1882.50	V	159	336	2.32	1 / 1	21.81	24.13	0.259	33.01	-8.88
	QPSK	1907.50	V	163	337	2.20	1 / 39	21.59	23.79	0.239	33.01	-9.22
	16-QAM	1857.50	V	176	332	2.55	1 / 1	20.44	23.00	0.199	33.01	-10.01
	16-QAM	1882.50	V	159	336	2.32	1 / 1	20.92	23.24	0.211	33.01	-9.77
	16-QAM	1907.50	V	163	337	2.20	1 / 1	19.72	21.93	0.156	33.01	-11.08
	$\pi/2$ BPSK	1855.00	V	176	332	2.58	1 / 50	21.20	23.77	0.238	33.01	-9.24
	$\pi/2$ BPSK	1882.50	V	159	336	2.32	1 / 1	21.87	24.18	0.262	33.01	-8.83
	$\pi/2$ BPSK	1910.00	V	163	337	2.22	1 / 50	21.89	24.11	0.258	33.01	-8.90
	QPSK	1855.00	V	176	332	2.58	1 / 26	21.25	23.83	0.242	33.01	-9.18
	QPSK	1882.50	V	159	336	2.32	1 / 50	21.61	23.92	0.247	33.01	-9.09
10 MHz	QPSK	1910.00	V	163	337	2.22	1 / 26	21.71	23.93	0.247	33.01	-9.08
	16-QAM	1855.00	V	176	332	2.58	1 / 26	20.25	22.83	0.192	33.01	-10.18
	16-QAM	1882.50	V	159	336	2.32	1 / 50	20.82	23.13	0.206	33.01	-9.88
	16-QAM	1910.00	V	163	337	2.22	1 / 1	19.77	21.99	0.158	33.01	-11.02
	$\pi/2$ BPSK	1852.50	V	176	332	2.60	1 / 1	21.40	24.01	0.252	33.01	-9.00
	$\pi/2$ BPSK	1882.50	V	159	336	2.32	1 / 23	21.82	24.13	0.259	33.01	-8.88
	$\pi/2$ BPSK	1912.50	V	163	337	2.24	1 / 12	21.91	24.15	0.260	33.01	-8.86
	QPSK	1852.50	V	176	332	2.60	1 / 23	21.53	24.14	0.259	33.01	-8.87
	QPSK	1882.50	V	159	336	2.32	1 / 1	21.88	24.20	0.263	33.01	-8.81
	QPSK	1912.50	V	163	337	2.24	1 / 23	21.55	23.79	0.239	33.01	-9.22
40 MHz	16-QAM	1852.50	V	176	332	2.60	1 / 12	20.50	23.10	0.204	33.01	-9.91
	16-QAM	1882.50	V	159	336	2.32	1 / 1	20.85	23.16	0.207	33.01	-9.85
	16-QAM	1912.50	V	163	337	2.24	1 / 1	19.59	21.83	0.152	33.01	-11.18
	QPSK (CP-OFDM)	1882.50	V	159	336	2.32	1 / 108	20.31	22.63	0.183	33.01	-10.38
40 MHz	QPSK (Opposite Pol.)	1882.50	H	150	3	2.65	1 / 108	19.62	22.27	0.169	33.01	-10.74
	QPSK (WCP)	1882.50	V	254	202	2.32	1 / 108	20.81	23.13	0.205	33.01	-9.88

Table 7-17. EIRP Data (NR Band n25/2 – Ant1)

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508250079-07.A3L	Test Dates: 9/2/2025 - 11/14/2025	EUT Type: Portable Handset	Page 139 of 166

Frequency [MHz]	Mode	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Substitute Level [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1850.20	GSM1900	V	156	306	26.84	2.62	29.46	0.884	33.01	-3.55
1880.00	GSM1900	V	162	320	26.16	2.34	28.50	0.708	33.01	-4.51
1909.80	GSM1900	V	155	330	26.07	2.22	28.29	0.674	33.01	-4.72
1850.20	GSM1900	H	156	168	25.94	2.86	28.80	0.759	33.01	-4.21
1850.20	EDGE1900	V	156	306	22.63	2.62	25.25	0.335	33.01	-7.76
1850.20	GSM1900 (WCP)	V	156	255	24.91	2.62	27.53	0.567	33.01	-5.48

Table 7-18. EIRP Data (GPRS PCS – Ant1)

Frequency [MHz]	Mode	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Substitute Level [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1852.40	WCDMA1900	V	172	335	21.80	2.60	24.40	0.276	33.01	-8.61
1880.00	WCDMA1900	V	162	335	21.53	2.34	23.87	0.244	33.01	-9.14
1907.60	WCDMA1900	V	169	328	20.09	2.20	22.29	0.170	33.01	-10.72
1852.40	WCDMA1900	H	115	359	19.71	2.67	22.38	0.173	33.01	-10.64
1852.40	WCDMA1900 (WCP)	V	133	271	20.30	2.60	22.90	0.195	33.01	-10.11

Table 7-19. EIRP Data (WCDMA PCS – Ant1)

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT			Approved by: Technical Manager
Test Report S/N: 1M2508250079-07.A3L	Test Dates: 9/2/2025 - 11/14/2025	EUT Type: Portable Handset		Page 140 of 166

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
20 MHz	QPSK	1860.00	V	139	326	2.53	1 / 99	19.87	22.40	0.174	33.01	-10.61
	QPSK	1882.50	V	143	312	2.32	1 / 0	20.20	22.52	0.178	33.01	-10.49
	QPSK	1905.00	V	179	307	2.19	1 / 50	20.20	22.39	0.173	33.01	-10.62
	16-QAM	1860.00	V	139	326	2.53	1 / 99	19.00	21.53	0.142	33.01	-11.48
	16-QAM	1882.50	V	143	312	2.32	1 / 0	19.23	21.55	0.143	33.01	-11.46
15 MHz	16-QAM	1905.00	V	179	307	2.19	1 / 50	19.32	21.51	0.141	33.01	-11.50
	QPSK	1857.50	V	139	326	2.55	1 / 0	20.16	22.72	0.187	33.01	-10.29
	QPSK	1882.50	V	143	312	2.32	1 / 0	20.14	22.46	0.176	33.01	-10.56
	QPSK	1907.50	V	179	307	2.20	1 / 0	20.44	22.64	0.184	33.01	-10.37
	16-QAM	1857.50	V	139	326	2.55	1 / 0	19.22	21.77	0.150	33.01	-11.24
10 MHz	16-QAM	1882.50	V	143	312	2.32	1 / 0	19.12	21.44	0.139	33.01	-11.57
	16-QAM	1907.50	V	179	307	2.20	1 / 0	19.04	21.24	0.133	33.01	-11.77
	QPSK	1855.00	V	139	326	2.58	1 / 0	19.86	22.43	0.175	33.01	-10.58
	QPSK	1882.50	V	143	312	2.32	1 / 25	20.12	22.43	0.175	33.01	-10.58
	QPSK	1910.00	V	179	307	2.22	1 / 0	20.01	22.23	0.167	33.01	-10.78
5 MHz	16-QAM	1855.00	V	139	326	2.58	1 / 0	19.11	21.69	0.148	33.01	-11.32
	16-QAM	1882.50	V	143	312	2.32	1 / 25	18.95	21.26	0.134	33.01	-11.75
	16-QAM	1910.00	V	179	307	2.22	1 / 0	19.01	21.23	0.133	33.01	-11.78
	QPSK	1852.50	V	139	326	2.60	1 / 12	19.90	22.50	0.178	33.01	-10.51
	QPSK	1882.50	V	143	312	2.32	1 / 0	20.05	22.37	0.173	33.01	-10.64
3 MHz	QPSK	1912.50	V	179	307	2.24	1 / 0	20.30	22.53	0.179	33.01	-10.48
	16-QAM	1852.50	V	139	326	2.60	1 / 12	19.38	21.98	0.158	33.01	-11.03
	16-QAM	1882.50	V	143	312	2.32	1 / 0	19.07	21.38	0.137	33.01	-11.63
	16-QAM	1912.50	V	179	307	2.24	1 / 0	19.09	21.33	0.136	33.01	-11.68
	QPSK	1851.50	V	139	326	2.61	1 / 7	19.89	22.50	0.178	33.01	-10.51
1.4 MHz	QPSK	1882.50	V	143	312	2.32	1 / 0	20.06	22.38	0.173	33.01	-10.63
	QPSK	1913.50	V	179	307	2.25	1 / 0	20.09	22.34	0.171	33.01	-10.67
	16-QAM	1851.50	V	139	326	2.61	1 / 7	19.04	21.65	0.146	33.01	-11.36
	16-QAM	1882.50	V	143	312	2.32	1 / 0	18.90	21.21	0.132	33.01	-11.80
	16-QAM	1913.50	V	179	307	2.25	1 / 0	19.08	21.32	0.136	33.01	-11.69
20 MHz	QPSK	1850.70	V	139	326	2.62	1 / 0	19.64	22.26	0.168	33.01	-10.75
	QPSK	1882.50	V	143	312	2.32	1 / 0	20.03	22.35	0.172	33.01	-10.67
	QPSK	1914.30	V	179	307	2.25	1 / 0	20.10	22.35	0.172	33.01	-10.66
	16-QAM	1850.70	V	139	326	2.62	1 / 0	19.04	21.66	0.146	33.01	-11.35
	16-QAM	1882.50	V	143	312	2.32	1 / 0	19.16	21.48	0.141	33.01	-11.53
20 MHz	16-QAM	1914.30	V	179	307	2.25	1 / 0	18.93	21.18	0.131	33.01	-11.83
	Opposite Pol.	1882.50	H	153	294	2.32	1 / 99	18.81	21.13	0.130	33.01	-11.88
	WCP	1882.50	V	165	82	2.32	1 / 50	17.82	20.14	0.103	33.01	-12.87

Table 7-20. EIRP Data (LTE Band 25/2 – Ant2)

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Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
40 MHz	$\pi/2$ BPSK	1870.00	V	146	313	2.43	1 / 108	18.69	21.12	0.130	33.01	-11.89
	$\pi/2$ BPSK	1882.50	V	146	310	2.32	1 / 108	19.00	21.32	0.135	33.01	-11.69
	$\pi/2$ BPSK	1895.00	V	133	307	2.20	1 / 108	18.90	21.10	0.129	33.01	-11.91
	QPSK	1870.00	V	146	313	2.43	1 / 108	18.83	21.26	0.134	33.01	-11.75
	QPSK	1882.50	V	146	310	2.32	1 / 108	19.17	21.49	0.141	33.01	-11.52
	QPSK	1895.00	V	133	307	2.20	1 / 108	18.90	21.10	0.129	33.01	-11.91
	16-QAM	1870.00	V	146	313	2.43	1 / 108	17.70	20.13	0.103	33.01	-12.88
	16-QAM	1882.50	V	146	310	2.32	1 / 108	18.07	20.39	0.109	33.01	-12.62
	16-QAM	1895.00	V	133	307	2.20	1 / 108	17.62	19.82	0.096	33.01	-13.19
30 MHz	$\pi/2$ BPSK	1865.00	V	146	313	2.48	1 / 1	18.69	21.17	0.131	33.01	-11.84
	$\pi/2$ BPSK	1882.50	V	146	310	2.32	1 / 80	18.98	21.30	0.135	33.01	-11.71
	$\pi/2$ BPSK	1900.00	V	133	307	2.15	1 / 158	19.01	21.16	0.131	33.01	-11.85
	QPSK	1865.00	V	146	313	2.48	1 / 1	18.78	21.26	0.134	33.01	-11.75
	QPSK	1882.50	V	146	310	2.32	1 / 80	19.21	21.52	0.142	33.01	-11.49
	QPSK	1900.00	V	133	307	2.15	1 / 1	19.10	21.25	0.133	33.01	-11.76
	16-QAM	1865.00	V	146	313	2.48	1 / 1	17.68	20.17	0.104	33.01	-12.84
	16-QAM	1882.50	V	146	310	2.32	1 / 80	18.11	20.42	0.110	33.01	-12.59
	16-QAM	1900.00	V	133	307	2.15	1 / 1	17.77	19.92	0.098	33.01	-13.09
25 MHz	$\pi/2$ BPSK	1862.50	V	146	313	2.51	1 / 1	18.69	21.19	0.132	33.01	-11.82
	$\pi/2$ BPSK	1882.50	V	146	310	2.32	1 / 66	18.96	21.28	0.134	33.01	-11.73
	$\pi/2$ BPSK	1902.50	V	133	307	2.17	1 / 66	19.07	21.24	0.133	33.01	-11.77
	QPSK	1862.50	V	146	313	2.51	1 / 1	18.92	21.43	0.139	33.01	-11.58
	QPSK	1882.50	V	146	310	2.32	1 / 66	19.24	21.55	0.143	33.01	-11.46
	QPSK	1902.50	V	133	307	2.17	1 / 131	19.11	21.28	0.134	33.01	-11.73
	16-QAM	1862.50	V	146	313	2.51	1 / 131	17.61	20.11	0.103	33.01	-12.90
	16-QAM	1882.50	V	146	310	2.32	1 / 66	17.97	20.29	0.107	33.01	-12.72
	16-QAM	1902.50	V	133	307	2.17	1 / 1	17.74	19.90	0.098	33.01	-13.11
20 MHz	$\pi/2$ BPSK	1860.00	V	146	313	2.53	1 / 1	18.67	21.20	0.132	33.01	-11.81
	$\pi/2$ BPSK	1882.50	V	146	310	2.32	1 / 53	18.94	21.25	0.133	33.01	-11.76
	$\pi/2$ BPSK	1905.00	V	133	307	2.19	1 / 104	18.96	21.15	0.130	33.01	-11.86
	QPSK	1860.00	V	146	313	2.53	1 / 1	18.78	21.31	0.135	33.01	-11.70
	QPSK	1882.50	V	146	310	2.32	1 / 104	19.07	21.39	0.138	33.01	-11.62
	QPSK	1905.00	V	133	307	2.19	1 / 53	18.96	21.15	0.130	33.01	-11.86
	16-QAM	1860.00	V	146	313	2.53	1 / 1	17.40	19.93	0.099	33.01	-13.08
	16-QAM	1882.50	V	146	310	2.32	1 / 53	17.85	20.17	0.104	33.01	-12.84
	16-QAM	1905.00	V	133	307	2.19	1 / 53	17.60	19.78	0.095	33.01	-13.23
15 MHz	$\pi/2$ BPSK	1857.50	V	146	313	2.55	1 / 1	18.61	21.16	0.131	33.01	-11.85
	$\pi/2$ BPSK	1882.50	V	146	310	2.32	1 / 1	18.97	21.29	0.135	33.01	-11.72
	$\pi/2$ BPSK	1907.50	V	133	307	2.20	1 / 1	18.94	21.14	0.130	33.01	-11.87
	QPSK	1857.50	V	146	313	2.55	1 / 1	18.85	21.40	0.138	33.01	-11.61
	QPSK	1882.50	V	146	310	2.32	1 / 1	19.19	21.50	0.141	33.01	-11.51
	QPSK	1907.50	V	133	307	2.20	1 / 77	18.99	21.19	0.132	33.01	-11.82
	16-QAM	1857.50	V	146	313	2.55	1 / 1	17.47	20.03	0.101	33.01	-12.98
	16-QAM	1882.50	V	146	310	2.32	1 / 39	18.03	20.35	0.108	33.01	-12.66
	16-QAM	1907.50	V	133	307	2.20	1 / 39	17.46	19.66	0.092	33.01	-13.35
10 MHz	$\pi/2$ BPSK	1855.00	V	146	313	2.58	1 / 1	18.58	21.16	0.131	33.01	-11.85
	$\pi/2$ BPSK	1882.50	V	146	310	2.32	1 / 1	18.96	21.27	0.134	33.01	-11.74
	$\pi/2$ BPSK	1910.00	V	133	307	2.22	1 / 1	18.85	21.07	0.128	33.01	-11.94
	QPSK	1855.00	V	146	313	2.58	1 / 26	18.65	21.23	0.133	33.01	-11.78
	QPSK	1882.50	V	146	310	2.32	1 / 26	19.14	21.46	0.140	33.01	-11.55
	QPSK	1910.00	V	133	307	2.22	1 / 26	18.89	21.11	0.129	33.01	-11.90
	16-QAM	1855.00	V	146	313	2.58	1 / 1	17.54	20.12	0.103	33.01	-12.89
	16-QAM	1882.50	V	146	310	2.32	1 / 26	17.98	20.29	0.107	33.01	-12.72
	16-QAM	1910.00	V	133	307	2.22	1 / 1	17.58	19.80	0.096	33.01	-13.21
5 MHz	$\pi/2$ BPSK	1852.50	V	146	313	2.60	1 / 1	18.59	21.19	0.132	33.01	-11.82
	$\pi/2$ BPSK	1882.50	V	146	310	2.32	1 / 23	18.95	21.26	0.134	33.01	-11.75
	$\pi/2$ BPSK	1912.50	V	133	307	2.24	1 / 23	18.79	21.03	0.127	33.01	-11.98
	QPSK	1852.50	V	146	313	2.60	1 / 23	18.66	21.26	0.134	33.01	-11.75
	QPSK	1882.50	V	146	310	2.32	1 / 12	19.12	21.43	0.139	33.01	-11.58
	QPSK	1912.50	V	133	307	2.24	1 / 1	18.77	21.01	0.126	33.01	-12.00
	16-QAM	1852.50	V	146	313	2.60	1 / 23	17.60	20.20	0.105	33.01	-12.81
	16-QAM	1882.50	V	146	310	2.32	1 / 1	17.96	20.28	0.107	33.01	-12.73
	16-QAM	1912.50	V	133	307	2.24	1 / 12	17.40	19.64	0.092	33.01	-13.37
40 MHz	QPSK (CP-OFDM)	1882.50	V	146	310	2.65	1 / 108	17.76	20.41	0.110	33.01	-12.60
	QPSK (Opposite Pol.)	1882.50	H	215	357	2.65	1 / 108	17.69	20.34	0.108	33.01	-12.67
	QPSK (WCP)	1882.50	V	172	76	2.65	1 / 108	16.48	19.13	0.082	33.01	-13.88

Table 7-21. EIRP Data (NR Band n25/2 – Ant2)

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7.8 Radiated Spurious Emissions Measurements

Test Overview

Radiated spurious emissions measurements are performed using the field strength conversion method described in ANSI C63.26:2015 with the EUT transmitting into an integral antenna. Measurements on signals operating below 1GHz are performed using hybrid (biconical/log) antennas. Measurements on signals operating above 1GHz are performed using vertically and horizontally polarized broadband horn antennas. All measurements are performed as RMS measurements while the EUT is operating at maximum power, and at the appropriate frequencies.

Test Procedures Used

ANSI C63.26:2015 – Section 5.5.4

Test Settings

1. RBW = 100kHz for emissions below 1GHz and 1MHz for emissions above 1GHz
2. VBW $\geq 3 \times$ RBW
3. Span = 1.5 times the OBW
4. No. of sweep points $\geq 2 \times$ span / RBW
5. Detector = RMS
6. Trace mode = Average (Max Hold for pulsed emissions)
7. The trace was allowed to stabilize

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Test Setup

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

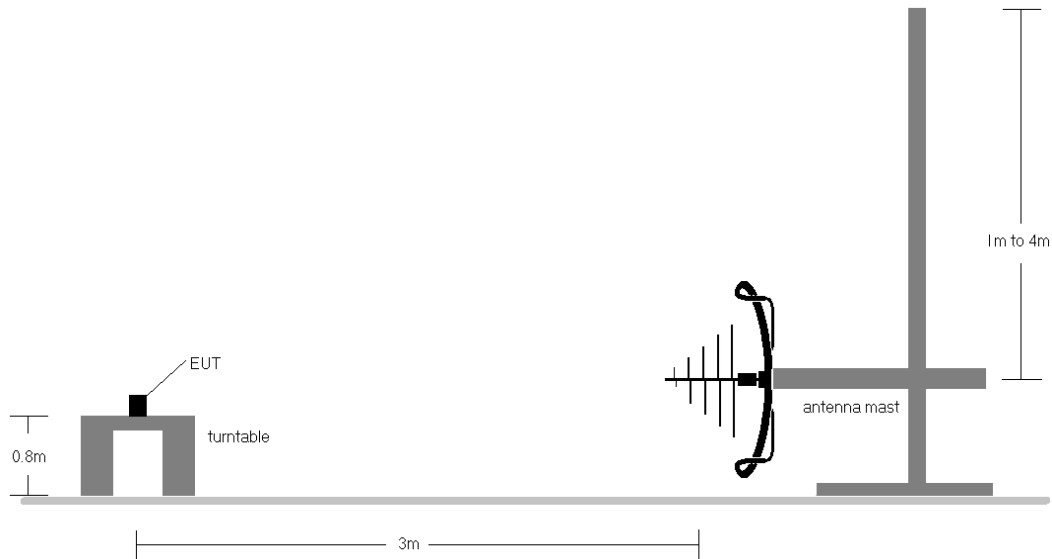


Figure 7-7. Test Instrument & Measurement Setup < 1GHz

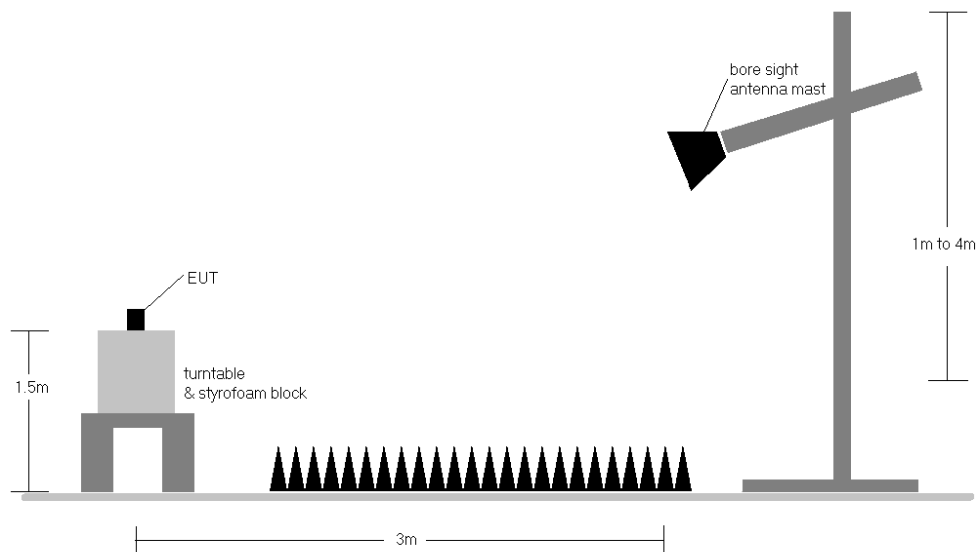


Figure 7-8. Test Instrument & Measurement Setup >1 GHz

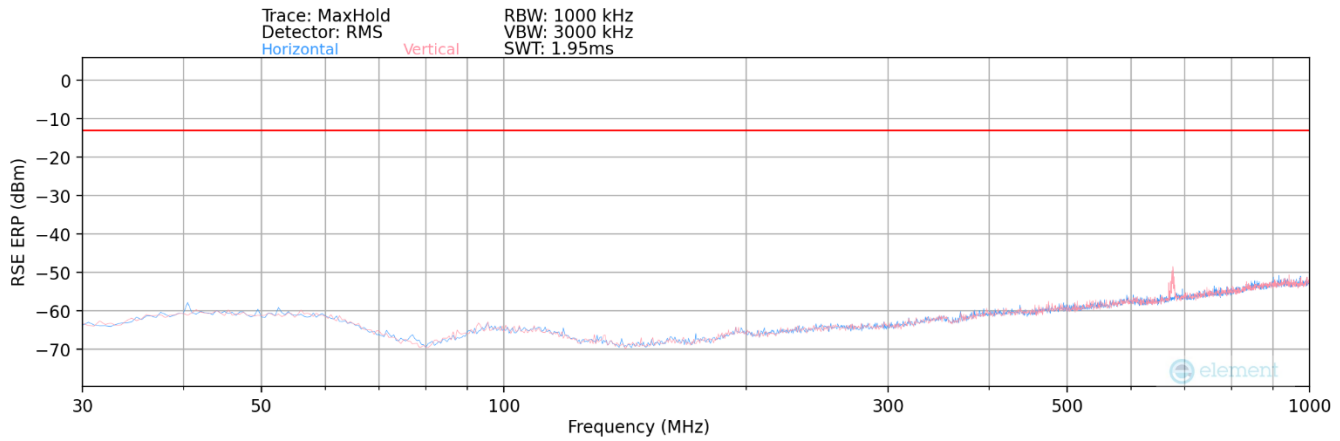
FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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Test Notes

1. Field strengths are calculated using the Measurement quantity conversions in ANSI C63.26:2015 Section 5.2.7:
 - a) $E(\text{dB}\mu\text{V/m}) = \text{Measured amplitude level (dBm)} + 107 + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}$
 - b) $\text{EIRP (dBm)} = E(\text{dB}\mu\text{V/m}) + 20\log D - 104.8$; where D is the measurement distance in meters.
2. This device employs GSM, GPRS, and EDGE capabilities. The EUT was tested under all configurations and the highest powers are reported in GPRS mode while transmitting with one slot active.
3. This device employs UMTS technology with WCDMA (AMR/RMC) and HSDPA capabilities. The EUT was tested under all configurations and the highest powers are reported in WCDMA mode with HSDPA Inactive at 12.2 kbps RMC and TPC bits all set to "1".
4. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning. The worst-case emissions are reported with the EUT positioning, modulations, RB sizes and offsets, and channel bandwidth configurations shown in the tables below.
5. This unit was tested with its standard battery.
6. The spectrum is measured from 9kHz to the 10th harmonic of the fundamental frequency of the transmitter. The worst-case emissions are reported.
7. Emissions below 18GHz were measured at a 3-meter test distance while emissions above 18GHz were measured at a 1 meter test distance with the application of a distance correction factor.
8. The "-" shown in the following RSE tables are used to denote a noise floor measurement.
9. 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.
10. Spurious emission in EN-DC Operating mode with Sub 6GHz NR carrier as well as an LTE carrier (anchor) has been checked and was found to not to be the worst case. Spurious emissions from the NR carrier device are subject to the rules under which the NR carrier operates. Spurious emissions caused by the LTE carrier must meet the requirements of the rules under which the LTE carrier operates.

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LTE Band 25/2 – Ant1

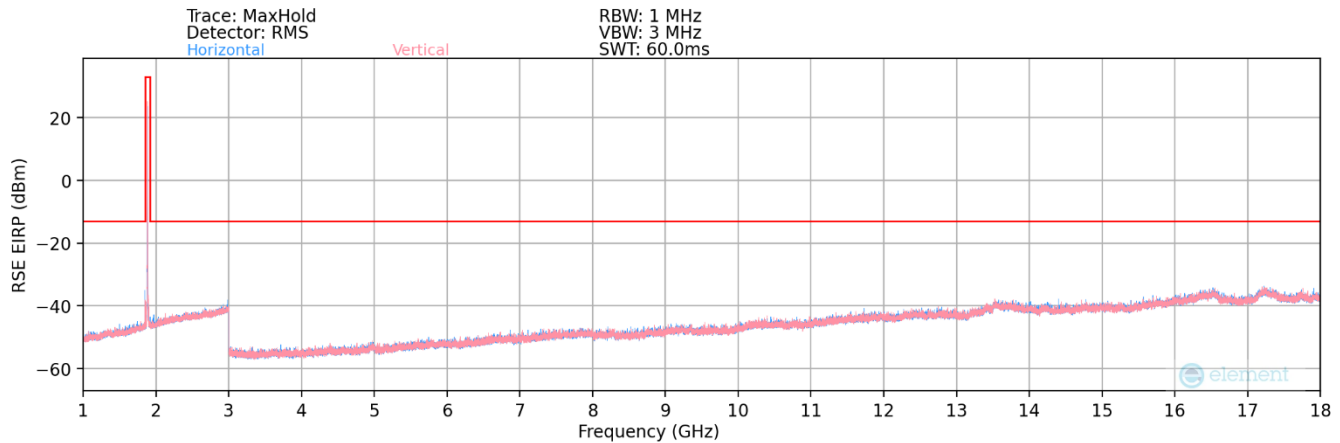


Plot 7-196. Radiated Spurious Plot (LTE Band 25/2 - Ant1)

Bandwidth (MHz):	20
Frequency (MHz):	1882.5
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
676.50	H	-	-	-76.46	-3.39	27.15	-70.25	-13.00	-57.25

Table 7-22. Radiated Spurious Data (LTE Band 25/2 – Mid Channel - Ant1)



Plot 7-197. Radiated Spurious Plot (LTE Band 25/2 - Ant1)

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Bandwidth (MHz):	20
Frequency (MHz):	1860
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3720.00	H	-	-	-79.43	7.60	35.17	-60.09	-13.00	-47.09
5580.00	H	-	-	-80.94	11.46	37.52	-57.74	-13.00	-44.74
7440.00	H	-	-	-81.74	15.34	40.60	-54.66	-13.00	-41.66

Table 7-23. Radiated Spurious Data (LTE Band 25/2 – Low Channel - Ant1)

Bandwidth (MHz):	20
Frequency (MHz):	1882.5
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3765.00	H	-	-	-79.51	7.94	35.43	-59.83	-13.00	-46.83
5647.50	H	-	-	-81.12	11.39	37.27	-57.99	-13.00	-44.99
7530.00	H	-	-	-81.79	15.50	40.71	-54.55	-13.00	-41.55

Table 7-24. Radiated Spurious Data (LTE Band 25/2 – Mid Channel - Ant1)

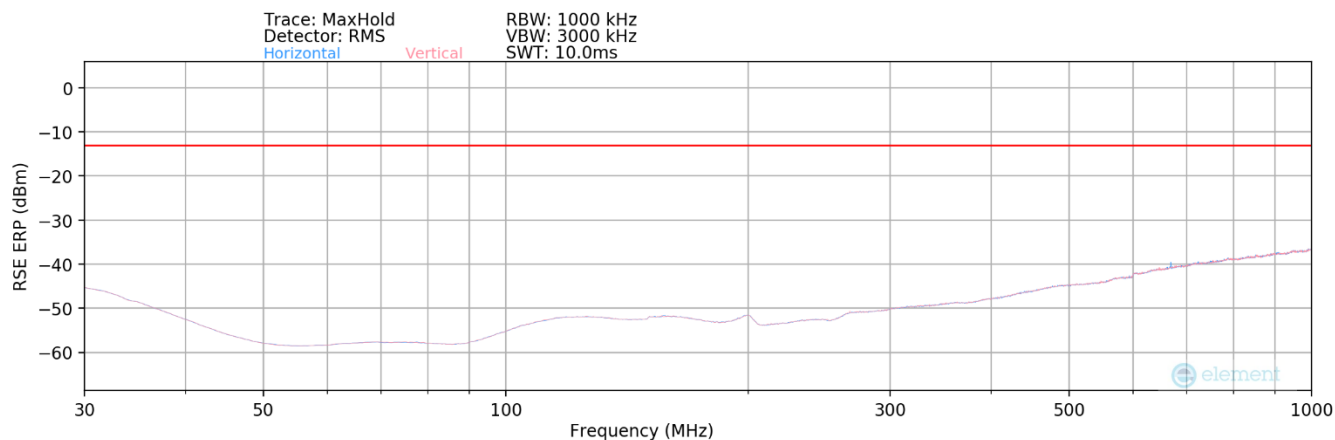
Bandwidth (MHz):	20
Frequency (MHz):	1905
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3810.00	H	-	-	-79.78	8.10	35.32	-59.94	-13.00	-46.94
5715.00	H	-	-	-81.00	11.31	37.31	-57.94	-13.00	-44.94
7620.00	H	-	-	-81.86	15.70	40.84	-54.42	-13.00	-41.42

Table 7-25. Radiated Spurious Data (LTE Band 25/2 – High Channel - Ant1)

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NR Band n25/2 – Ant1

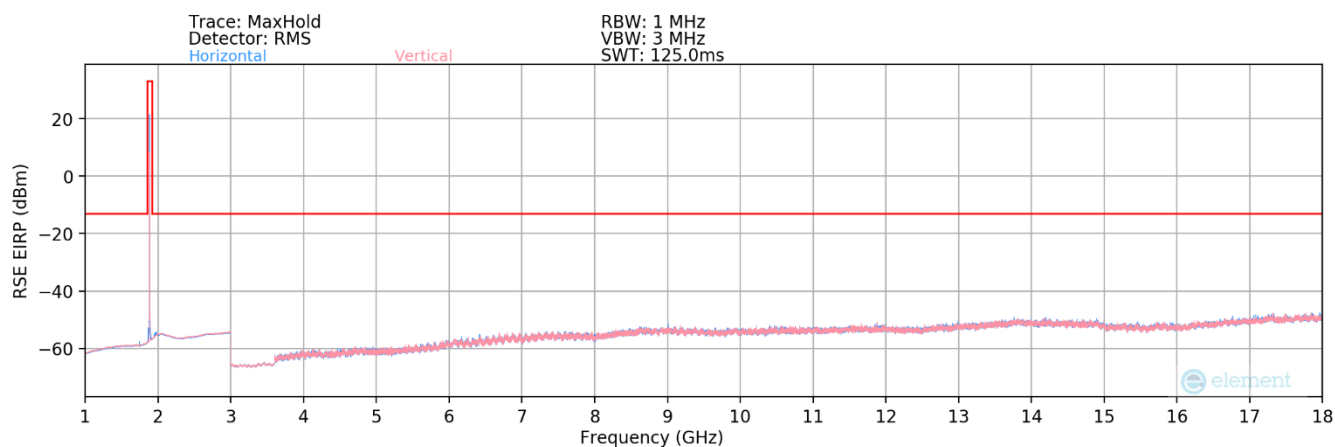


Plot 7-198. Radiated Spurious Plot (NR Band n25/2 - Ant1)

Bandwidth (MHz):	40
Frequency (MHz):	1882.5
RB / Offset:	1/108

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
669.00	V	-	-	-85.33	28.48	50.15	-47.26	-13.00	-34.26

Table 7-26. Radiated Spurious Data (NR Band n25/2 – Mid Channel - Ant1)



Plot 7-199. Radiated Spurious Plot (NR Band n25/2 - Ant1)

FCC ID: A3LSMS948B	PART 24 MEASUREMENT REPORT		Approved by: Technical Manager
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Bandwidth (MHz):	40
Frequency (MHz):	1870
RB / Offset:	1 / 108

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3740.00	V	-	-	-77.75	0.95	30.20	-65.06	-13.00	-52.06
5610.00	V	-	-	-78.43	4.36	32.93	-62.33	-13.00	-49.33
7480.00	V	-	-	-78.94	9.18	37.24	-58.02	-13.00	-45.02

Table 7-27. Radiated Spurious Data (NR Band n25/2 – Low Channel - Ant1)

Bandwidth (MHz):	40
Frequency (MHz):	1882.5
RB / Offset:	1 / 108

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3765.00	V	-	-	-77.74	0.99	30.25	-65.01	-13.00	-52.01
5647.50	V	-	-	-78.46	4.53	33.07	-62.19	-13.00	-49.19
7530.00	V	-	-	-78.90	9.56	37.66	-57.59	-13.00	-44.59

Table 7-28. Radiated Spurious Data (NR Band n25/2 – Mid Channel - Ant1)

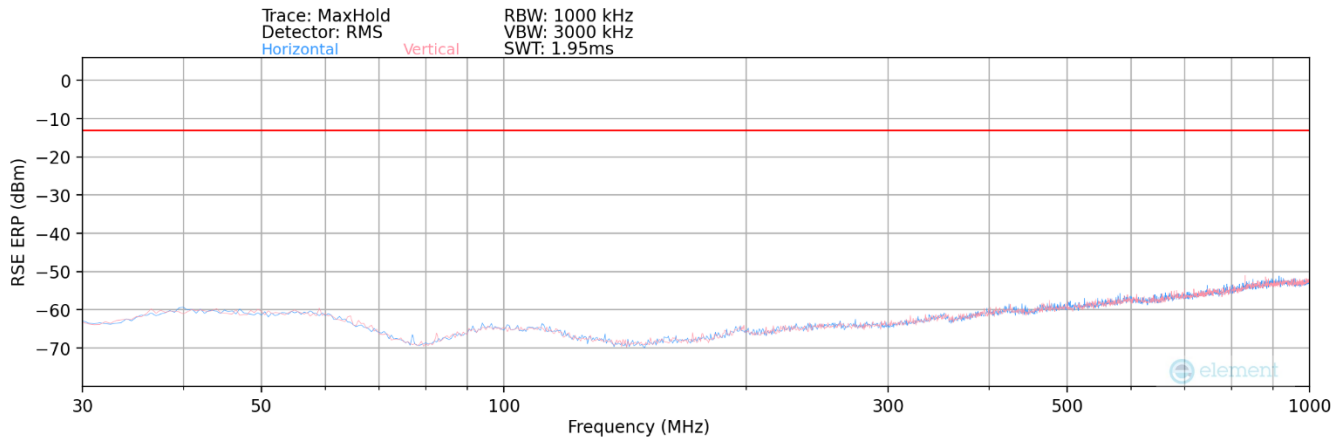
Bandwidth (MHz):	40
Frequency (MHz):	1895
RB / Offset:	1 / 108

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3790.00	V	-	-	-77.57	1.02	30.45	-64.80	-13.00	-51.80
5685.00	V	-	-	-78.32	4.42	33.10	-62.16	-13.00	-49.16
7580.00	V	-	-	-79.45	9.67	37.22	-58.04	-13.00	-45.04

Table 7-29. Radiated Spurious Data (NR Band n25/2 – High Channel - Ant1)

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GSM/GPRS PCS – Ant1

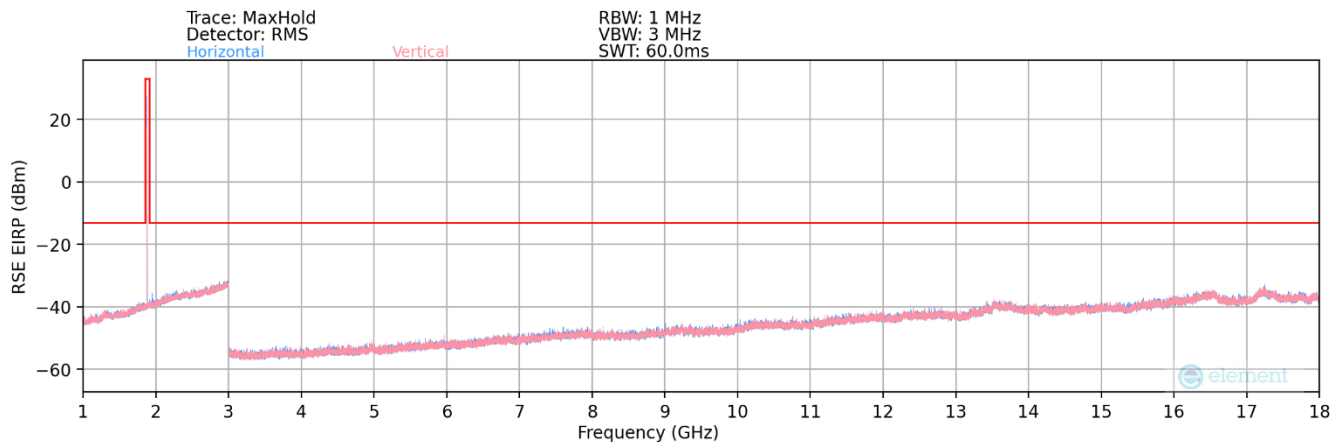


Plot 7-200. Radiated Spurious Plot (GPRS PCS - Ant1)

Mode:	GPRS 1 Tx Slot
Channel:	661
Frequency (MHz):	1880

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
150.00	H	-	-	-60.37	-16.75	29.88	-67.53	-13.00	-54.53

Table 7-30. Radiated Spurious Data (GPRS PCS – Mid Channel - Ant1)



Plot 7-201. Radiated Spurious Plot (GPRS PCS - Ant1)

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Mode:	GPRS 1 Tx Slot
Channel:	512
Frequency (MHz):	1850.2

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3700.40	H	-	-	-74.42	7.66	40.24	-55.02	-13.00	-42.02
5550.60	H	-	-	-75.28	11.43	43.15	-52.11	-13.00	-39.11
7400.80	H	-	-	-75.51	14.96	46.45	-48.81	-13.00	-35.81

Table 7-31. Radiated Spurious Data (GPRS PCS – Low Channel - Ant1)

Mode:	GPRS 1 Tx Slot
Channel:	661
Frequency (MHz):	1880

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3760.00	H	-	-	-73.03	7.88	41.85	-53.41	-13.00	-40.41
5640.00	H	-	-	-75.02	11.47	43.45	-51.80	-13.00	-38.80
7520.00	H	-	-	-76.39	15.55	46.16	-49.10	-13.00	-36.10

Table 7-32. Radiated Spurious Data (GPRS PCS – Mid Channel - Ant1)

Mode:	GPRS 1 Tx Slot
Channel:	810
Frequency (MHz):	1909.8

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3819.60	H	-	-	-74.19	7.90	40.71	-54.55	-13.00	-41.55
5729.40	H	-	-	-76.11	11.62	42.51	-52.74	-13.00	-39.74
7639.20	H	-	-	-76.87	15.73	45.86	-49.40	-13.00	-36.40

Table 7-33. Radiated Spurious Data (GPRS PCS – High Channel - Ant1)

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