

7.5 Peak-Average Ratio

§27.50(d)(5)

Test Overview and Limit

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 equipment shall not exceed 13 dB for more than 0.1% of the time. All ports were tested and only the worst case data were reported.

The peak to average power ratio (PAPR) of the equipment shall not exceed 13 dB for more than 0.1% of the time.

Test Procedure Used

KDB 971168 D01 v03r01 – Section 5.7.1

Test Settings

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

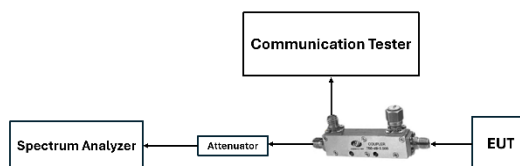


Figure 7-7. LTE Test Instrument & Measurement Setup

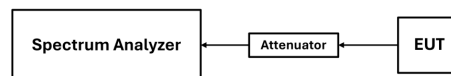


Figure 7-8. FR1 Test Instrument & Measurement Setup

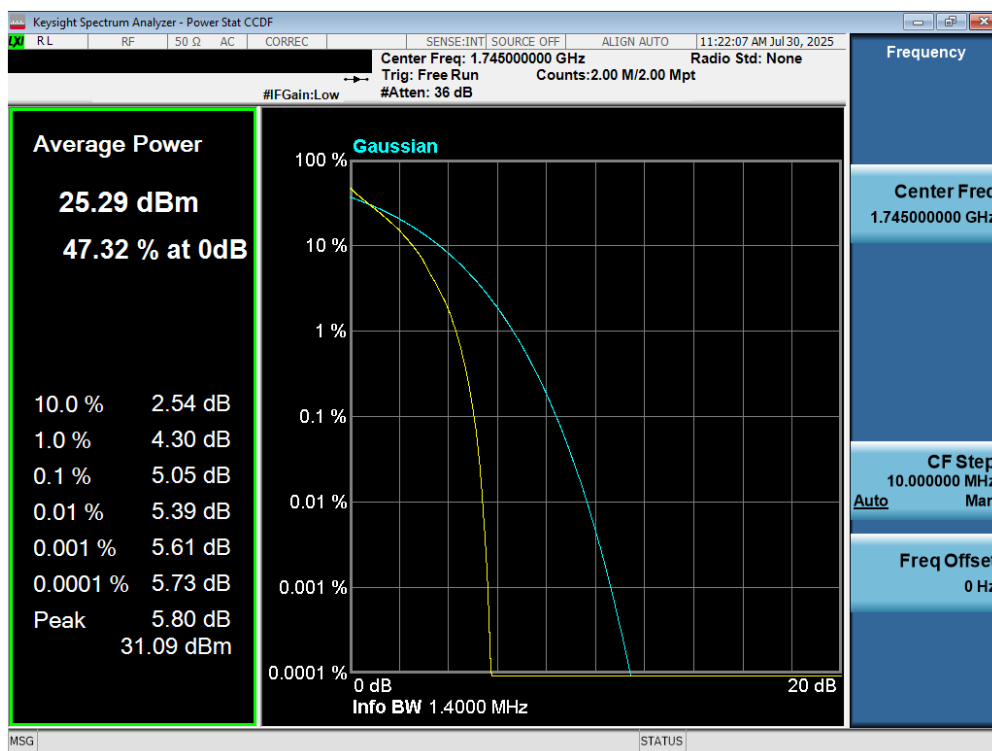
Test Notes

1. 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.

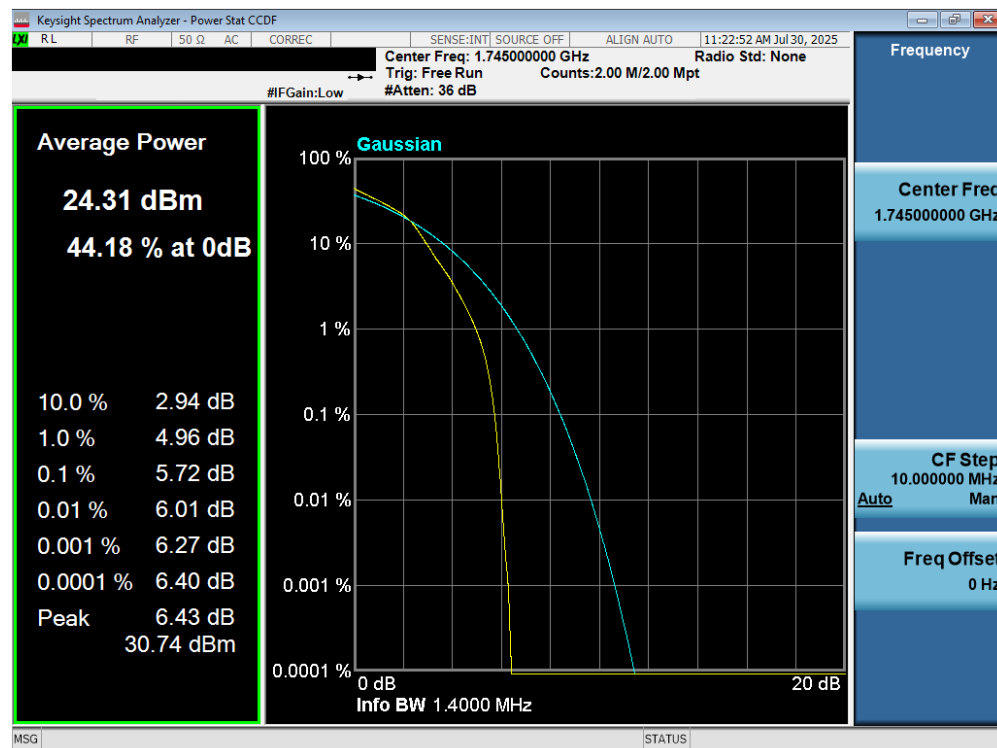
FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 221 of 360

V2.2 09/07/2023

LTE Band 66



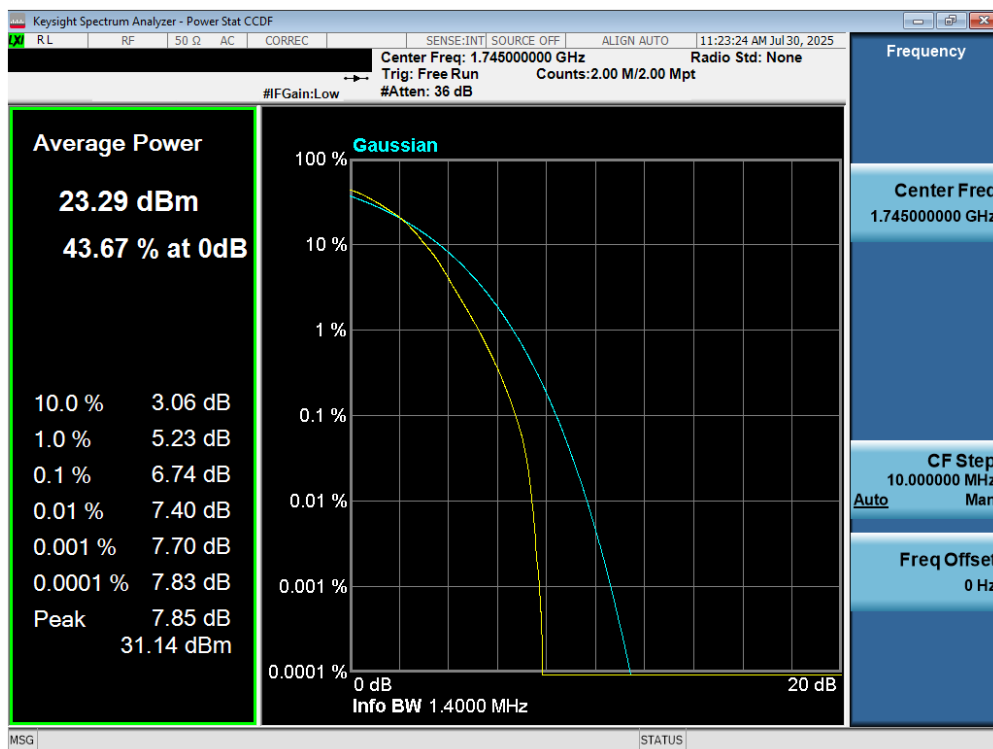
Plot 7-383. PAR Plot (LTE Band 66 - 1.4MHz QPSK - Full RB)



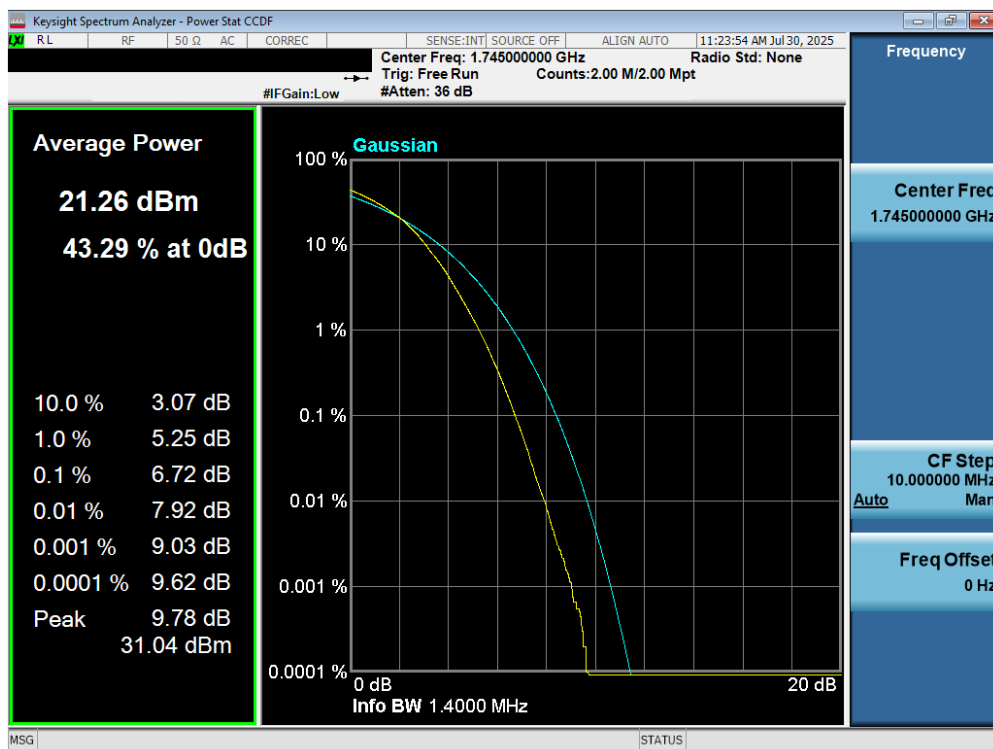
Plot 7-384. PAR Plot (LTE Band 66 - 1.4MHz 16-QAM - Full RB)

FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device
		Page 222 of 360

V2.2 09/07/2023



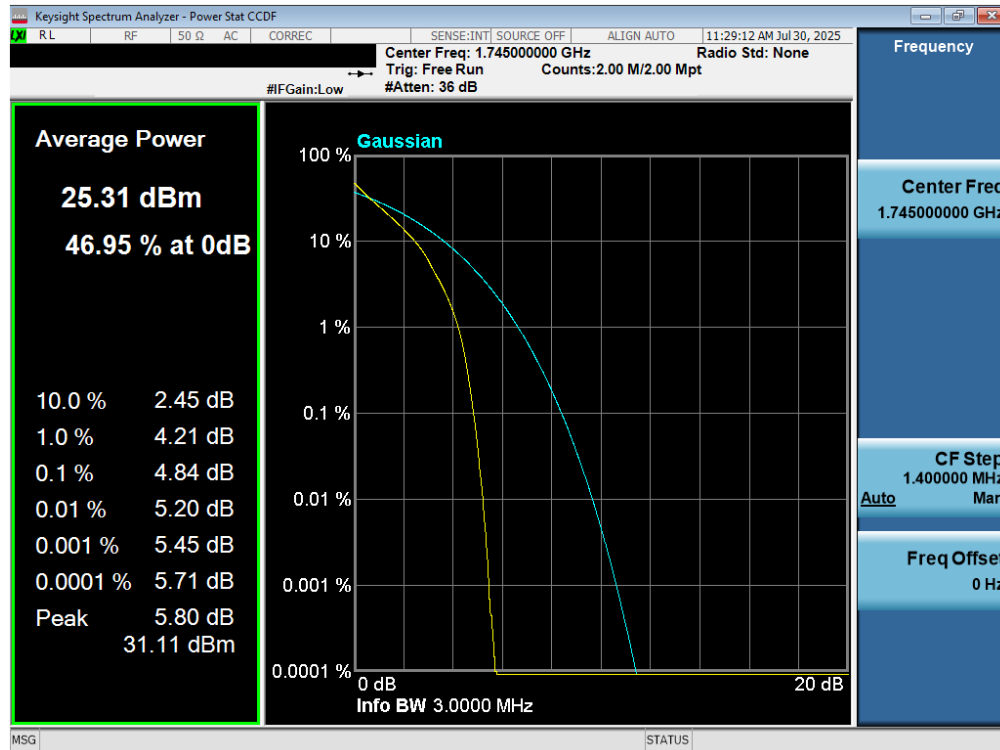
Plot 7-385. PAR Plot (LTE Band 66 - 1.4MHz 64-QAM - Full RB)



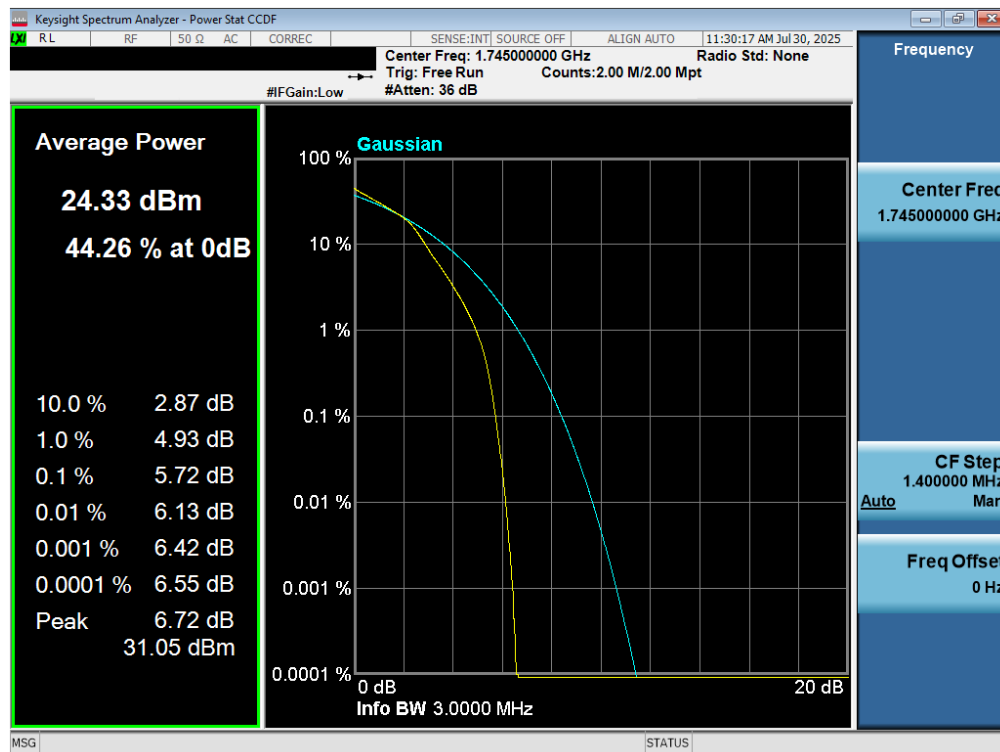
Plot 7-386. PAR Plot (LTE Band 66 - 1.4MHz 256-QAM - Full RB)

FCC ID: BCGA3460	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 223 of 360

V2.2 09/07/2023



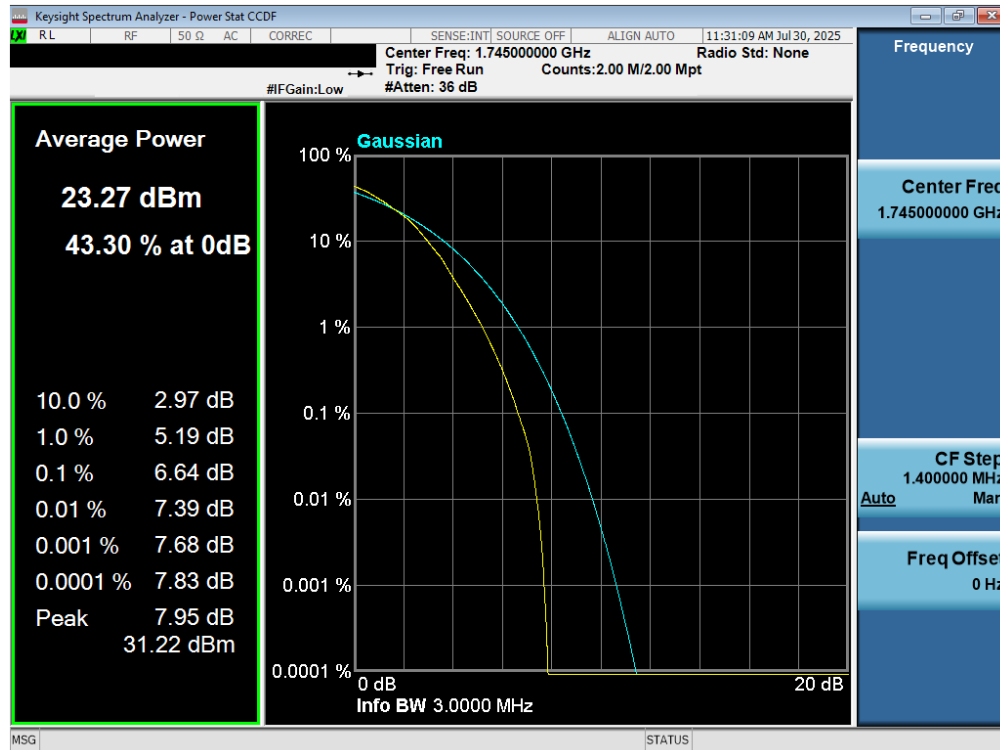
Plot 7-387. PAR Plot (LTE Band 66 - 3MHz QPSK - Full RB)



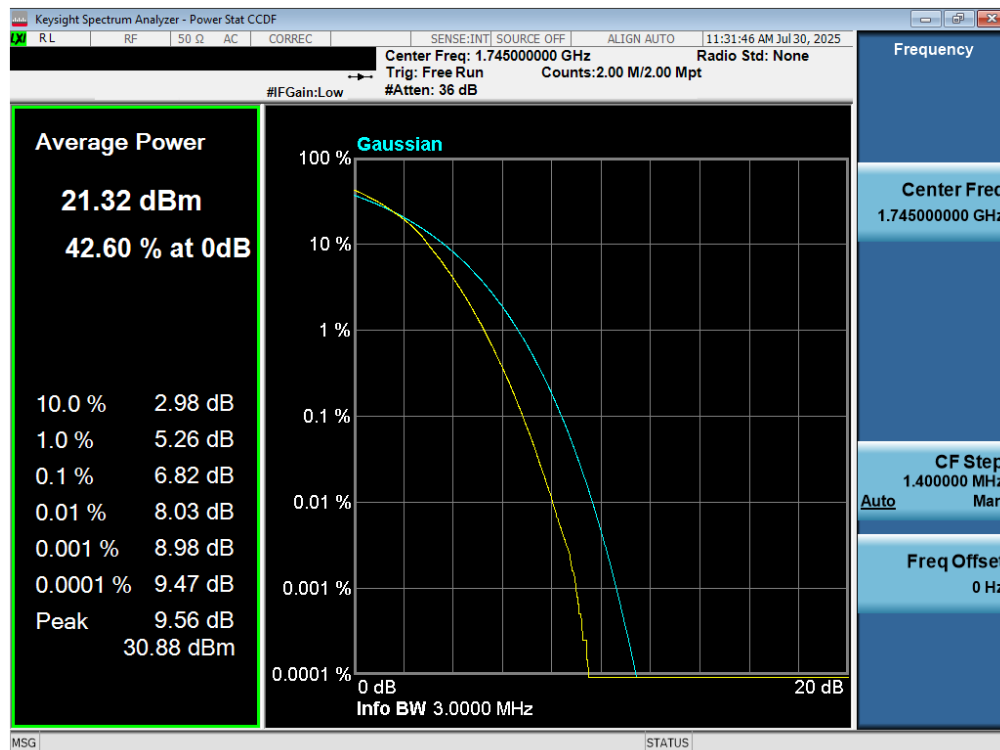
Plot 7-388. PAR Plot (LTE Band 66 - 3MHz 16-QAM - Full RB)

FCC ID: BCGA3460	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 224 of 360

V2.2 09/07/2023



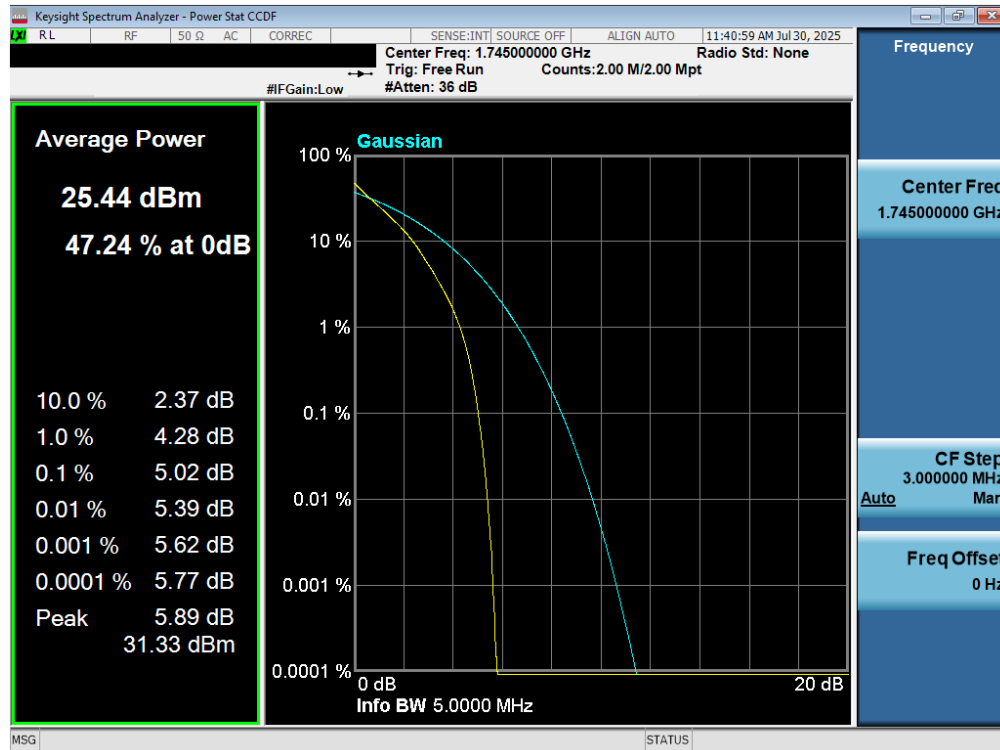
Plot 7-389. PAR Plot (LTE Band 66 - 3MHz 64-QAM - Full RB)



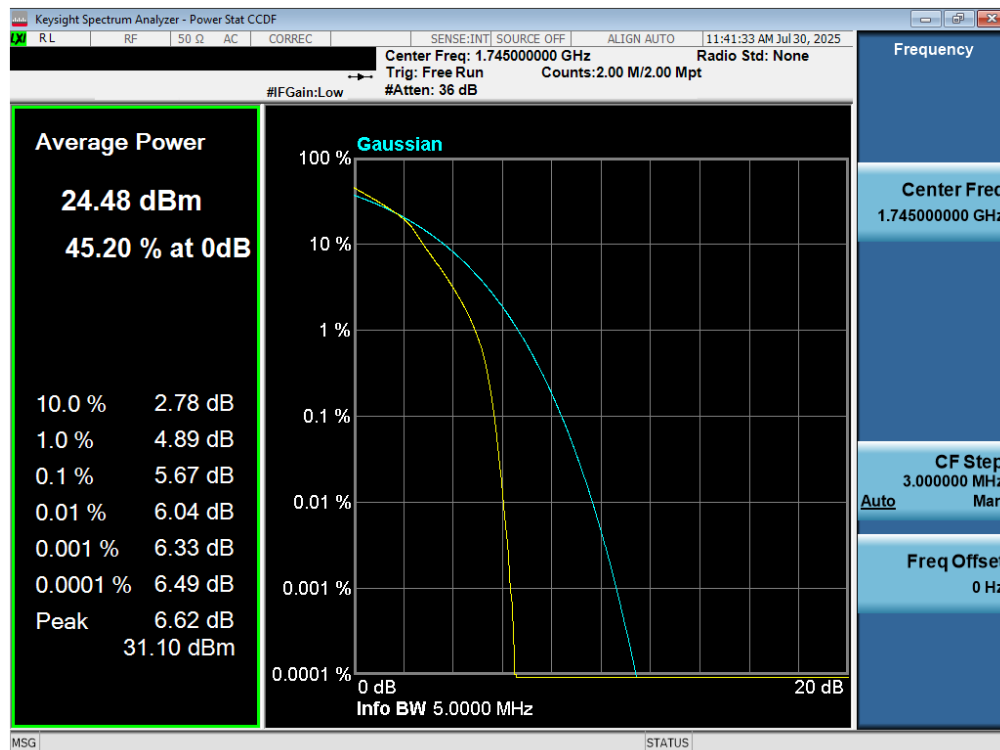
Plot 7-390. PAR Plot (LTE Band 66 - 3MHz 256-QAM - Full RB)

FCC ID: BCGA3460	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 225 of 360

V2.2 09/07/2023



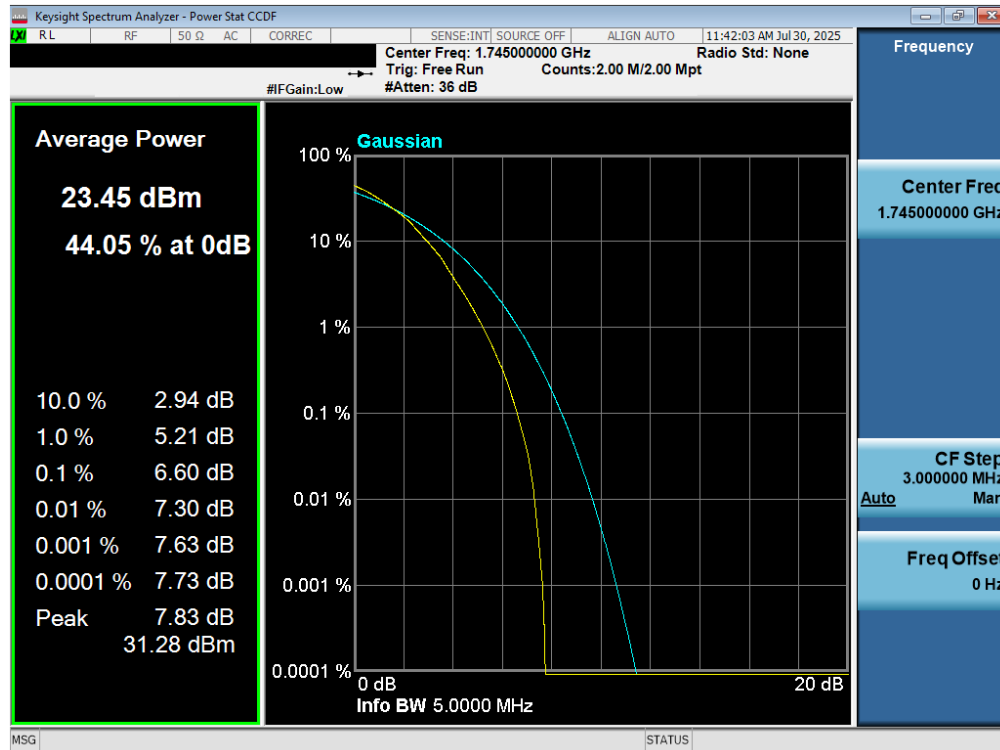
Plot 7-391. PAR Plot (LTE Band 66 - 5MHz QPSK - Full RB)



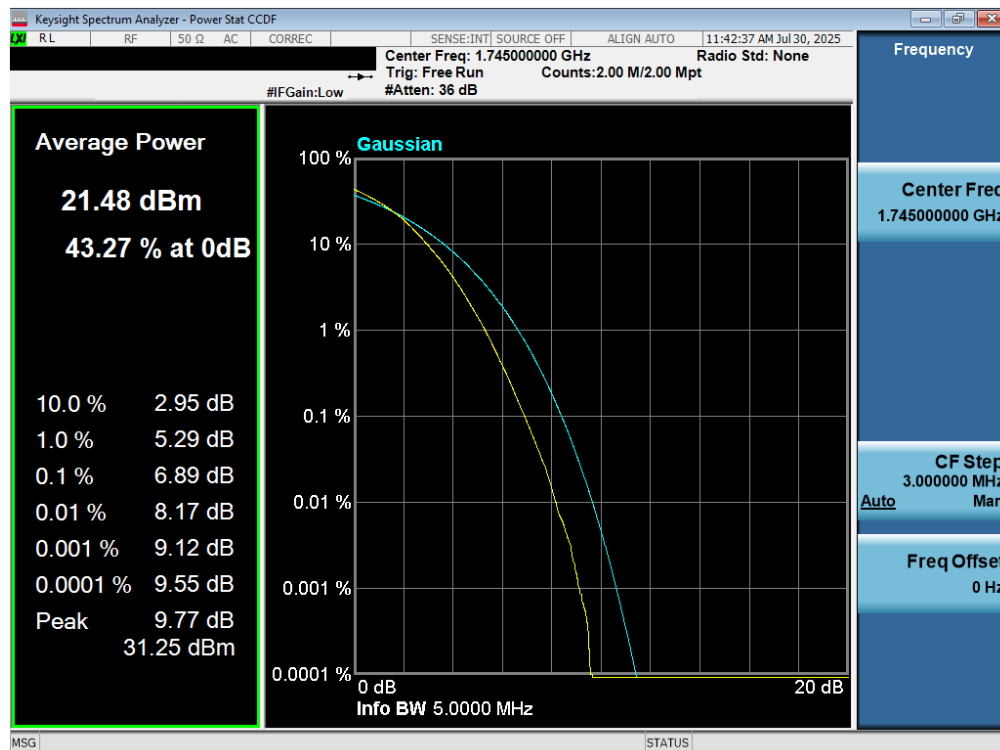
Plot 7-392. PAR Plot (LTE Band 66 - 5MHz 16-QAM - Full RB)

FCC ID: BCGA3460	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 226 of 360

V2.2 09/07/2023



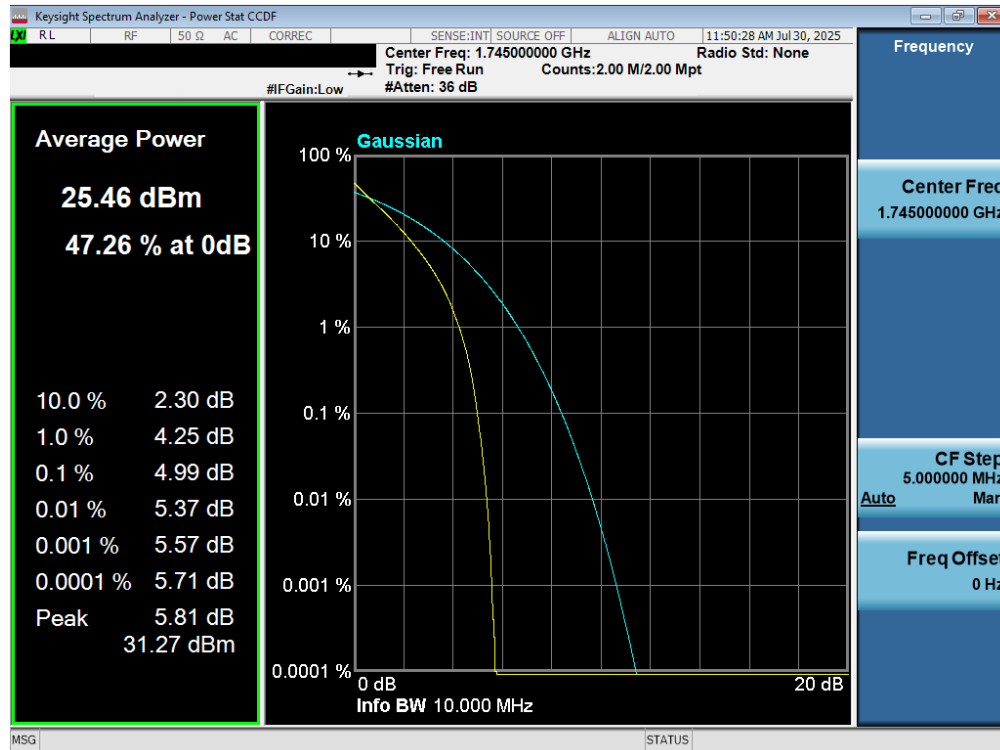
Plot 7-393. PAR Plot (LTE Band 66 - 5MHz 64-QAM - Full RB)



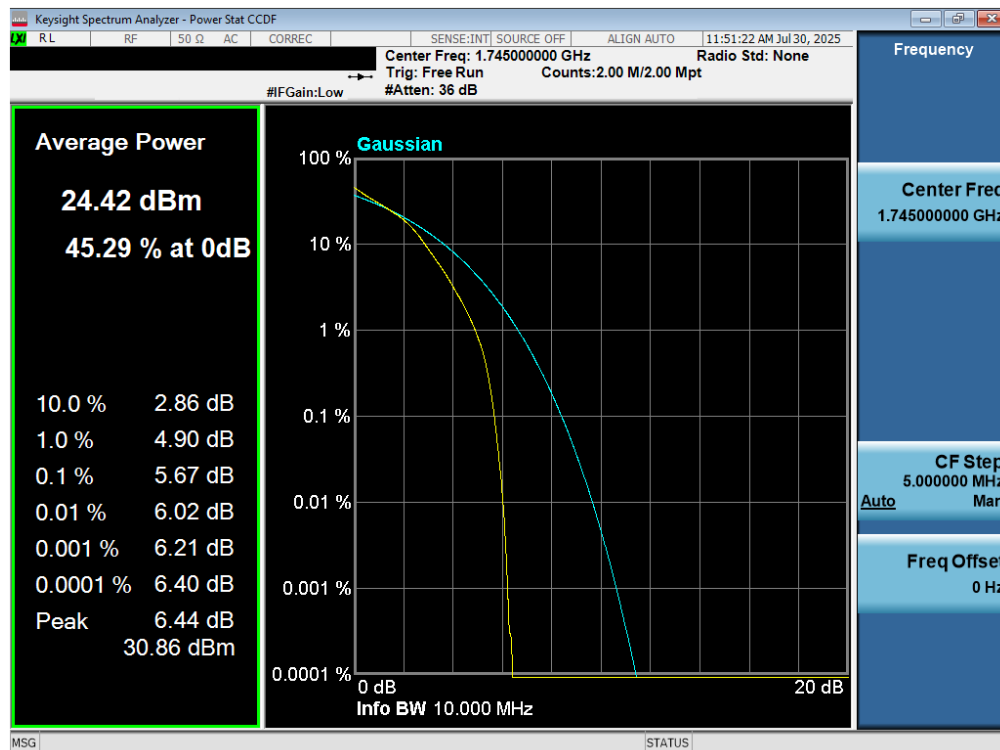
Plot 7-394. PAR Plot (LTE Band 66 - 5MHz 256-QAM - Full RB)

FCC ID: BCGA3460	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 227 of 360

V2.2 09/07/2023



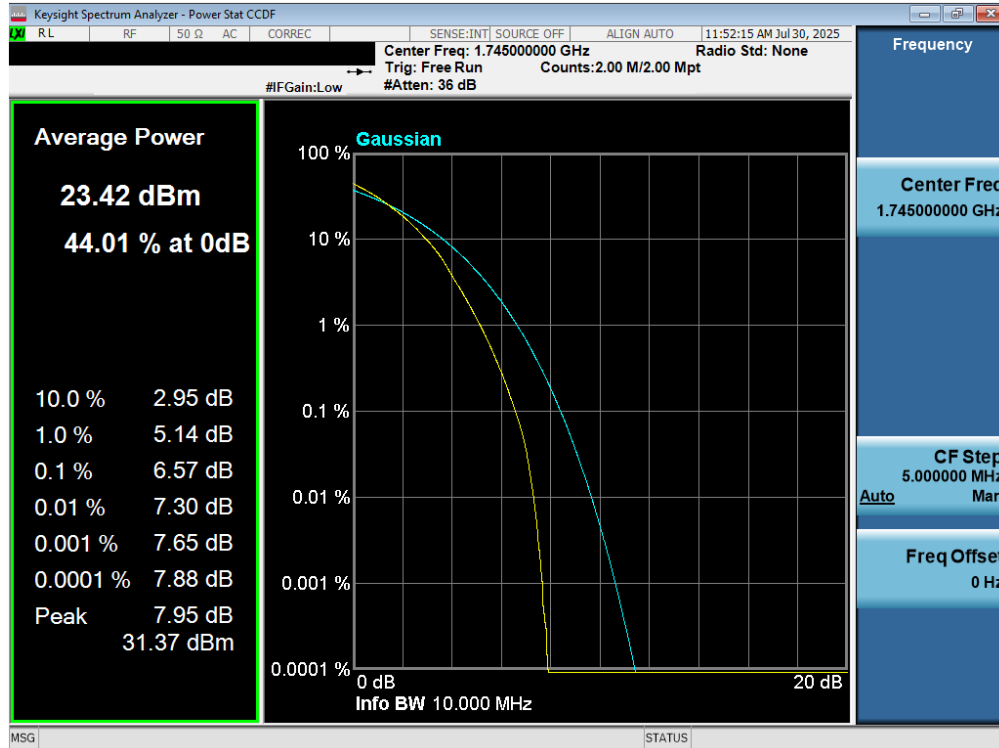
Plot 7-395. PAR Plot (LTE Band 66 - 10MHz QPSK - Full RB)



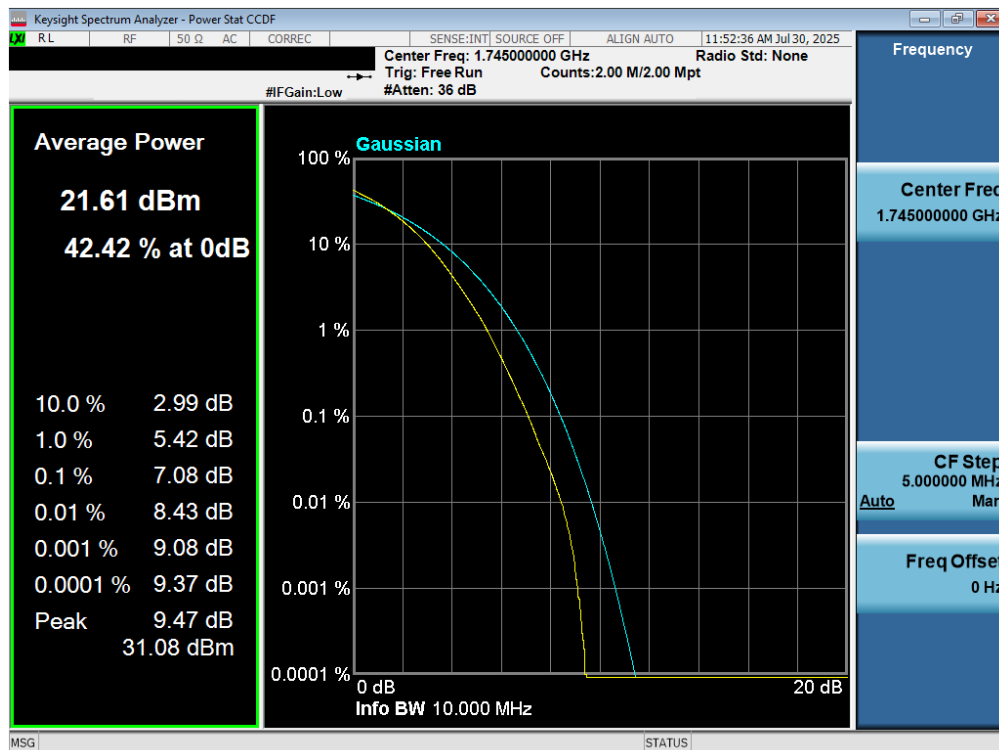
Plot 7-396. PAR Plot (LTE Band 66 - 10MHz 16-QAM - Full RB)

FCC ID: BCGA3460	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 228 of 360

V2.2 09/07/2023



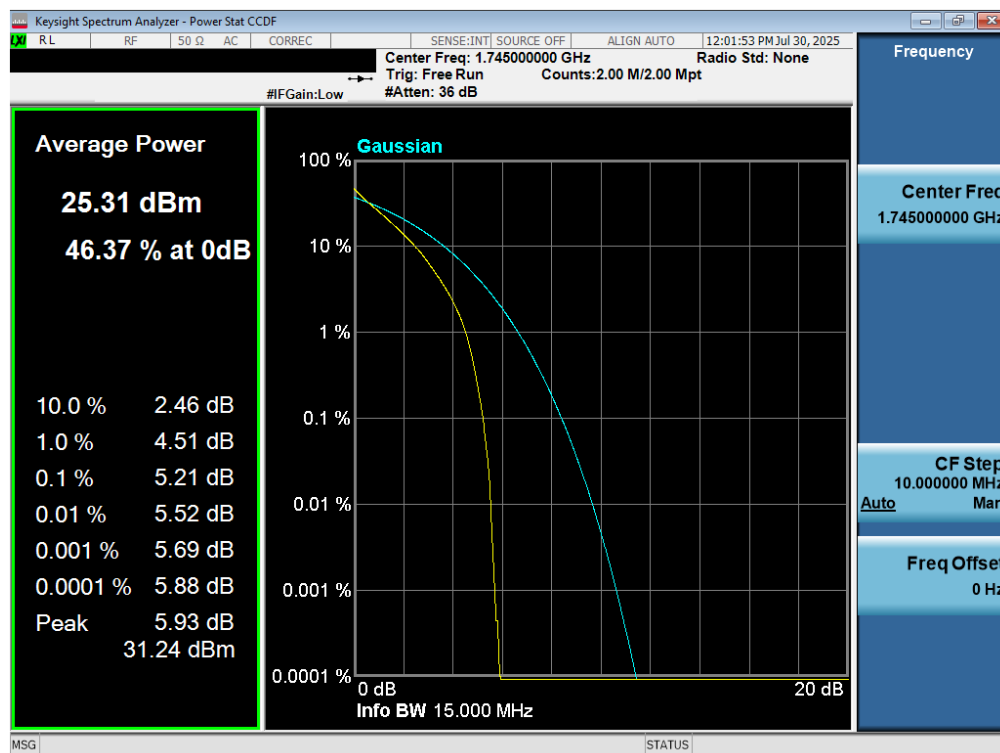
Plot 7-397. PAR Plot (LTE Band 66 - 10MHz 64-QAM - Full RB)



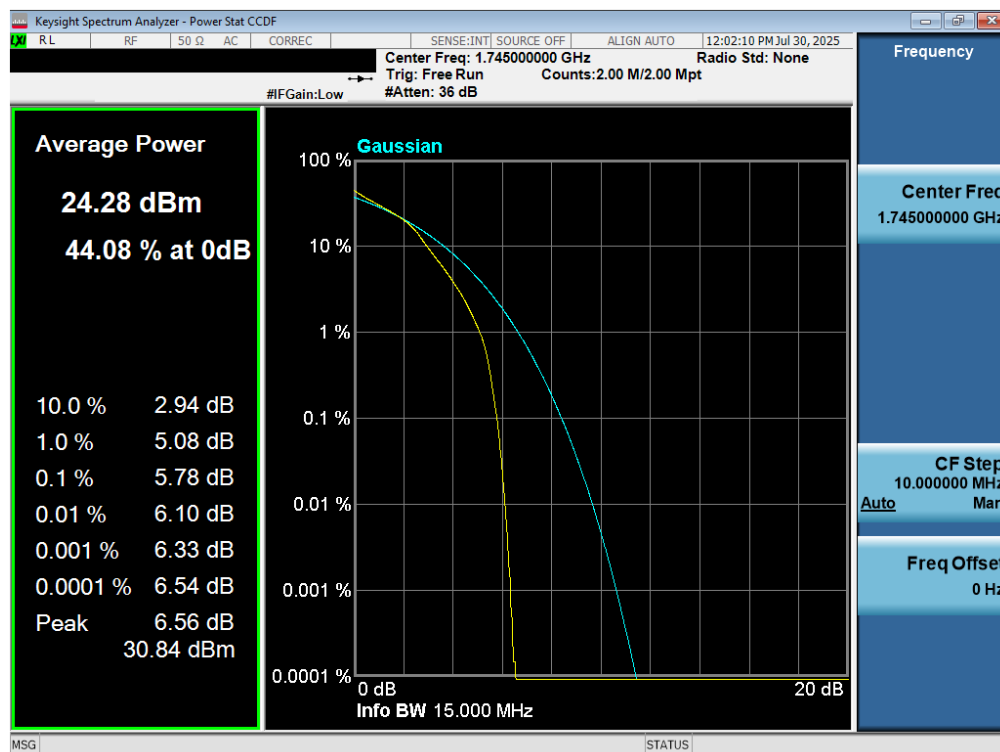
Plot 7-398. PAR Plot (LTE Band 66 - 10MHz 256-QAM - Full RB)

FCC ID: BCGA3460	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 229 of 360

V2.2 09/07/2023



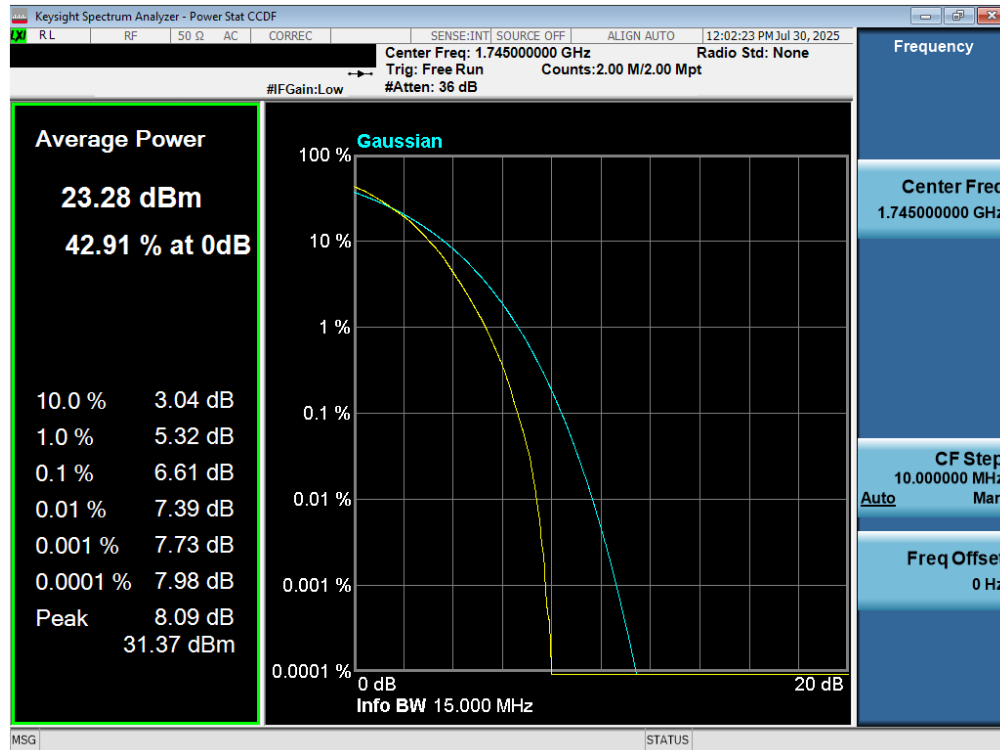
Plot 7-399. PAR Plot (LTE Band 66 - 15MHz QPSK - Full RB)



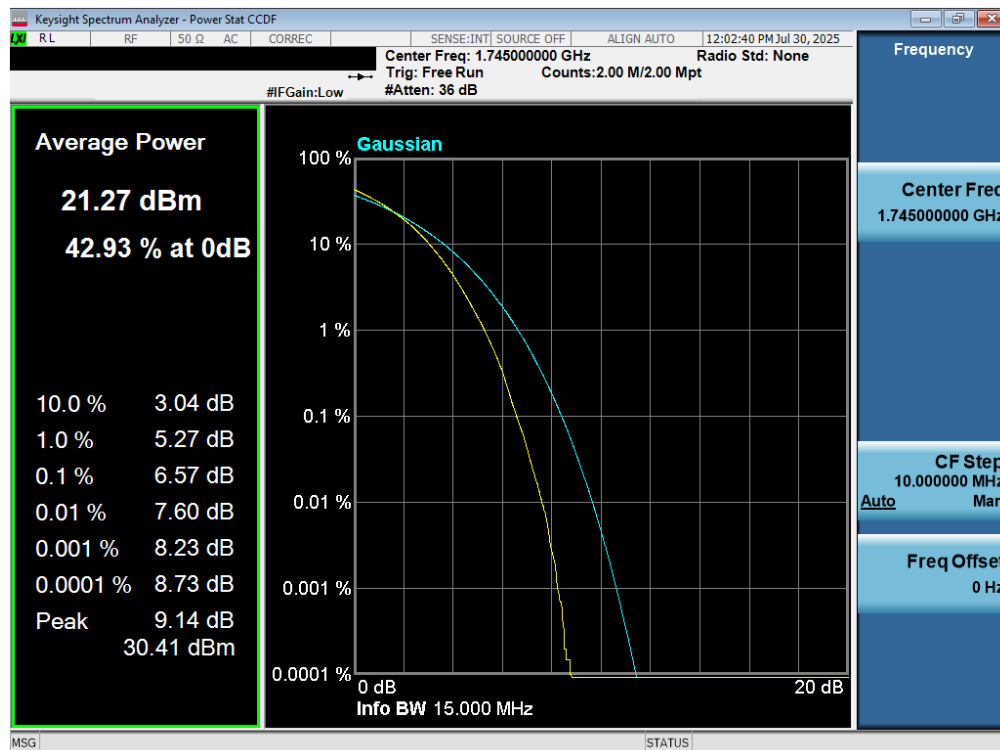
Plot 7-400. PAR Plot (LTE Band 66 - 15MHz 16-QAM - Full RB)

FCC ID: BCGA3460	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 230 of 360

V2.2 09/07/2023



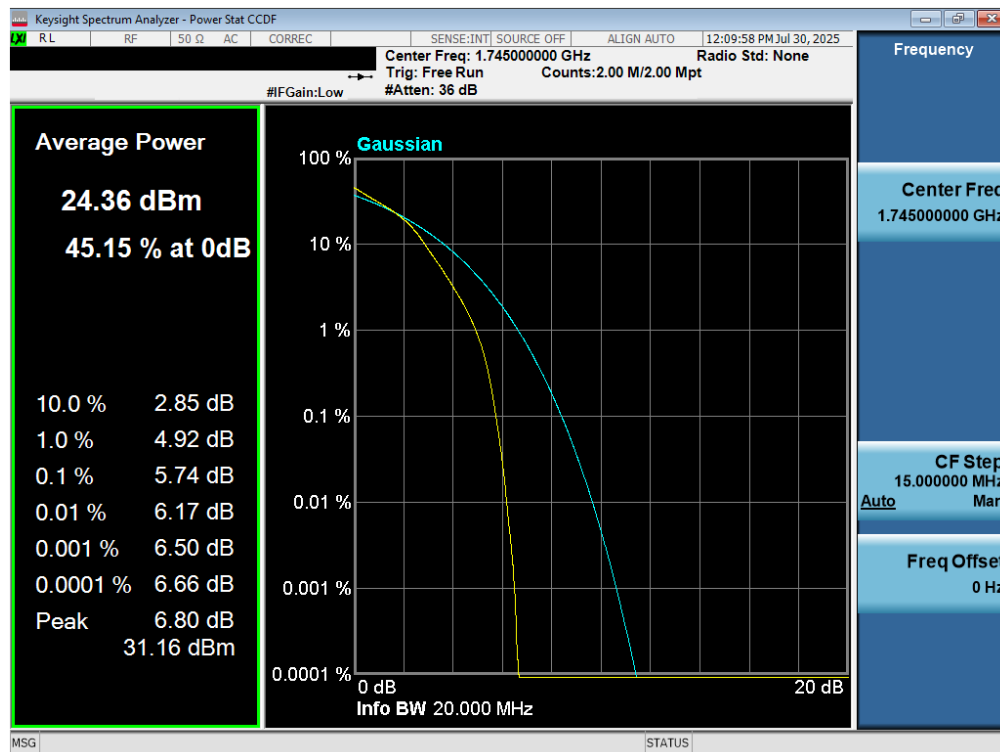
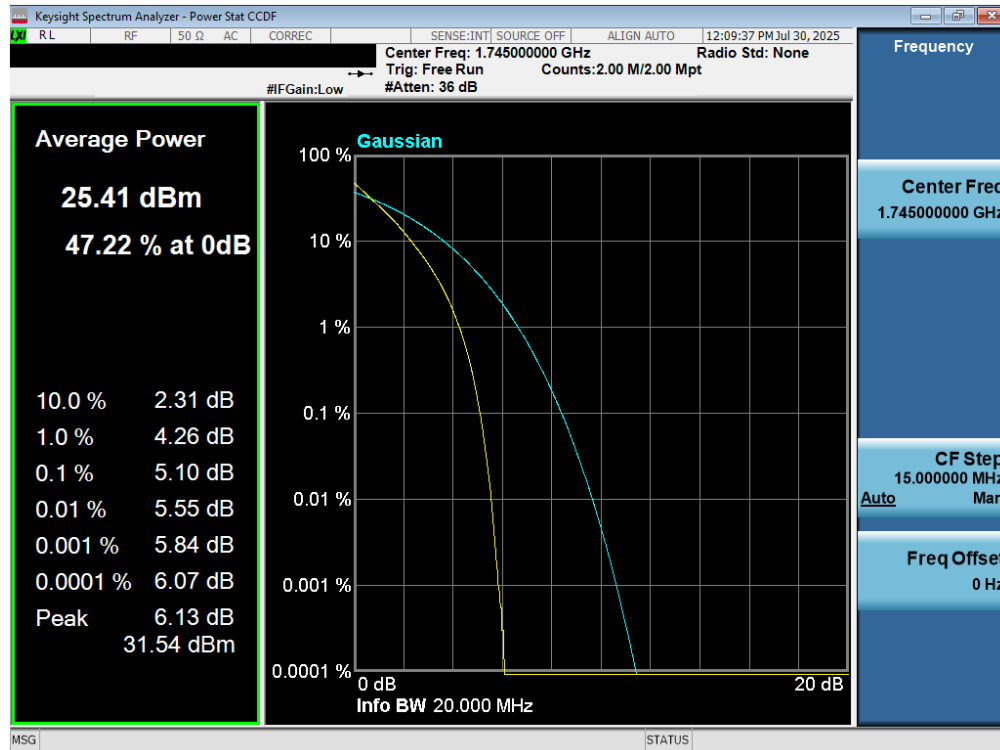
Plot 7-401. PAR Plot (LTE Band 66 - 15MHz 64-QAM - Full RB)



Plot 7-402. PAR Plot (LTE Band 66 - 15MHz 256-QAM - Full RB)

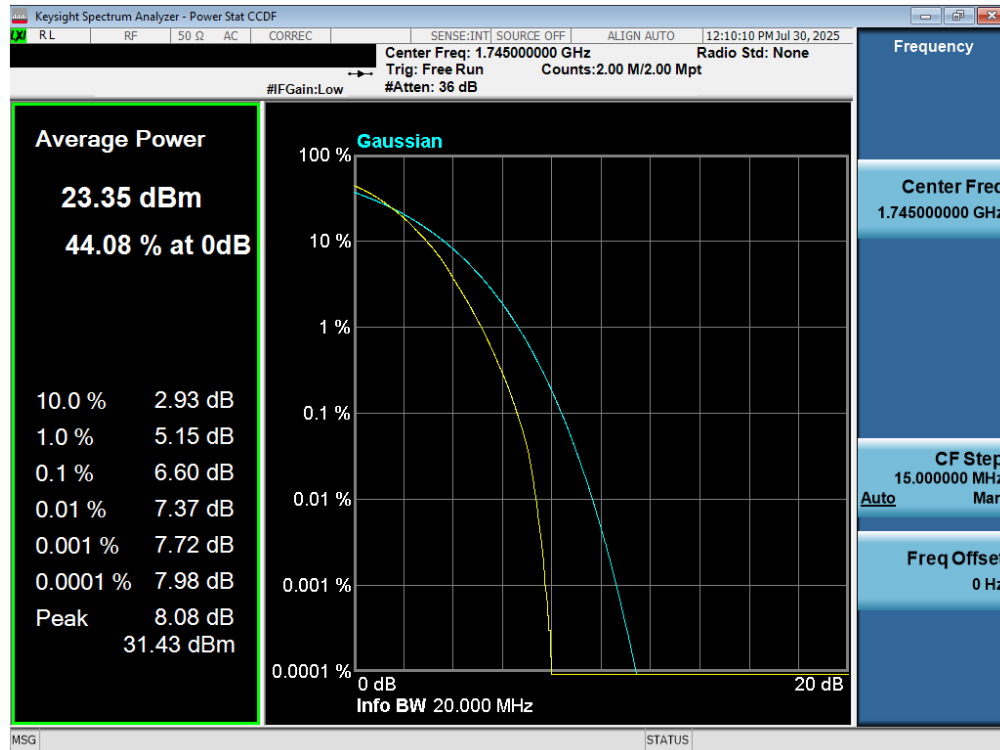
FCC ID: BCGA3460	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 231 of 360

V2.2 09/07/2023

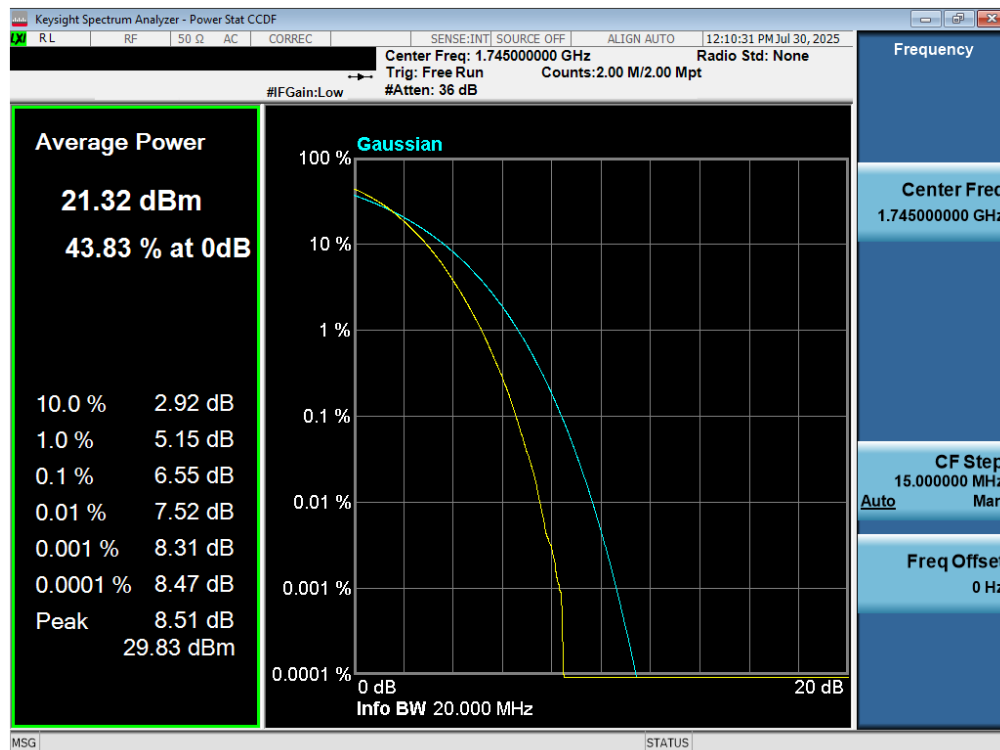


FCC ID: BCGA3460	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 232 of 360

V2.2 09/07/2023



Plot 7-405. PAR Plot (LTE Band 66 - 20MHz 64-QAM - Full RB)

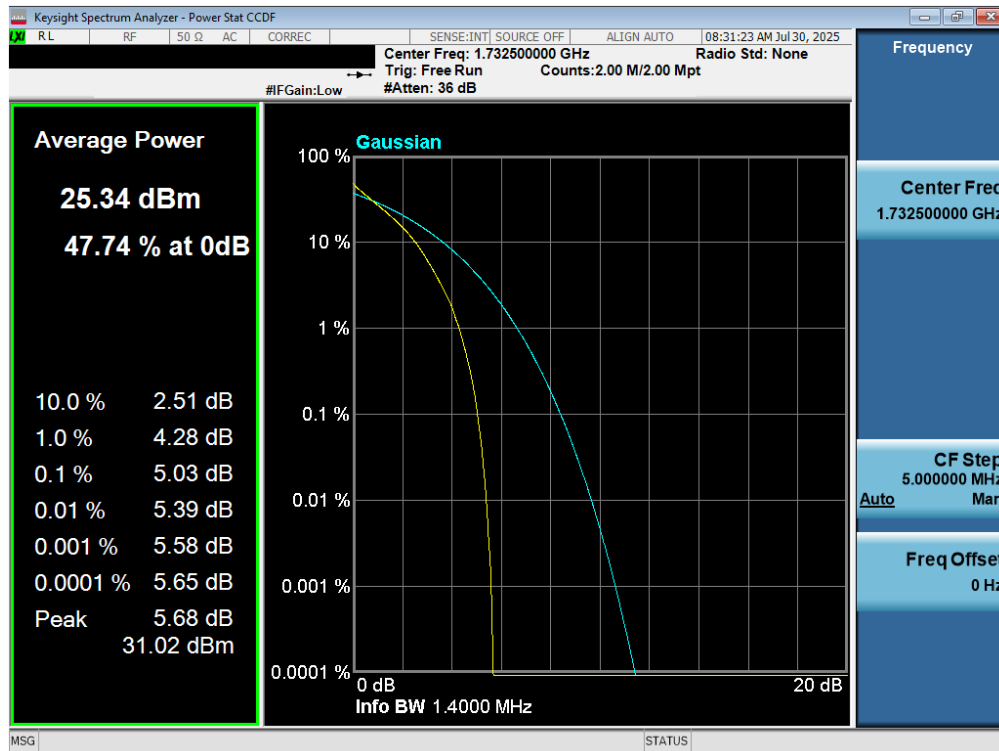


Plot 7-406. PAR Plot (LTE Band 66 - 20MHz 256-QAM - Full RB)

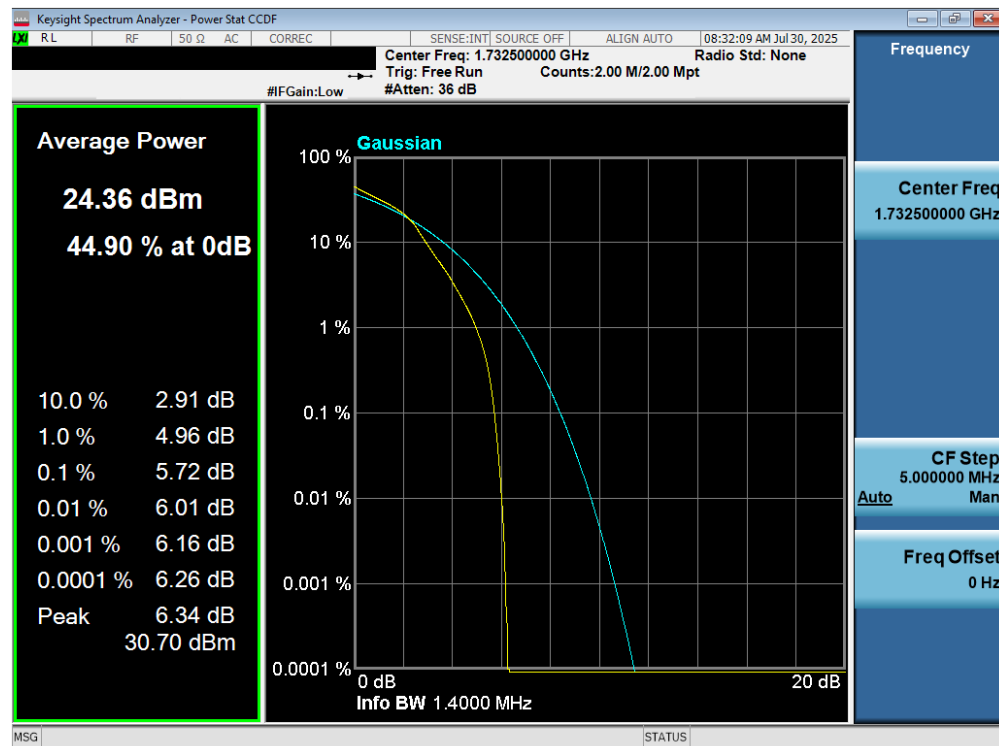
FCC ID: BCGA3460	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 233 of 360

V2.2 09/07/2023

LTE Band 4



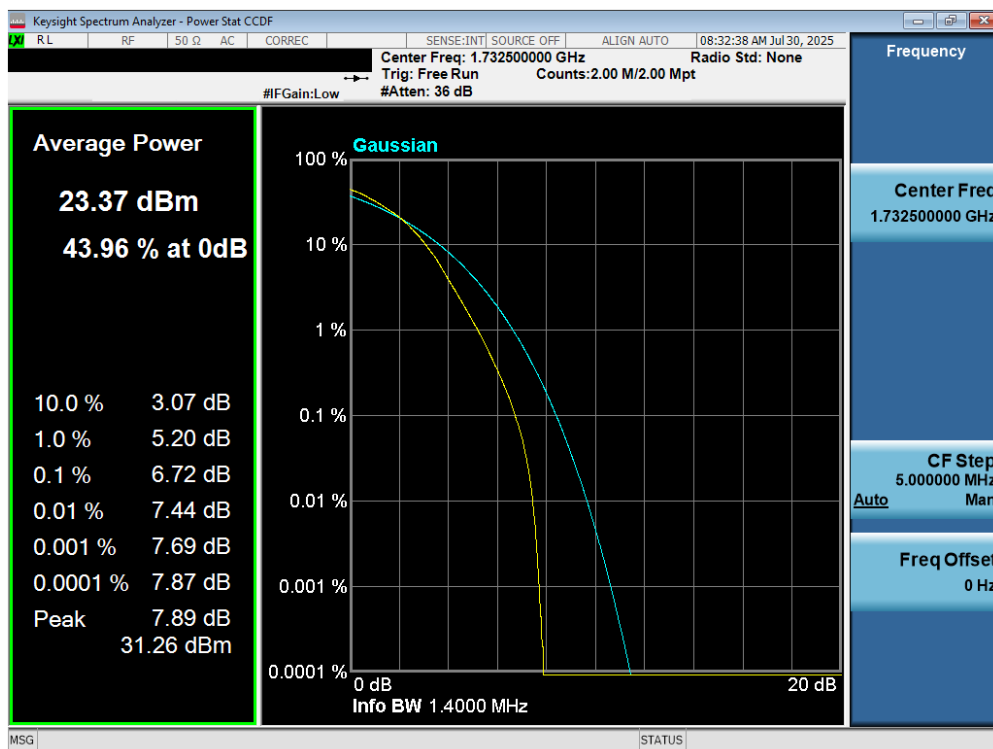
Plot 7-407. PAR Plot (LTE Band 4 - 1.4MHz QPSK - Full RB)



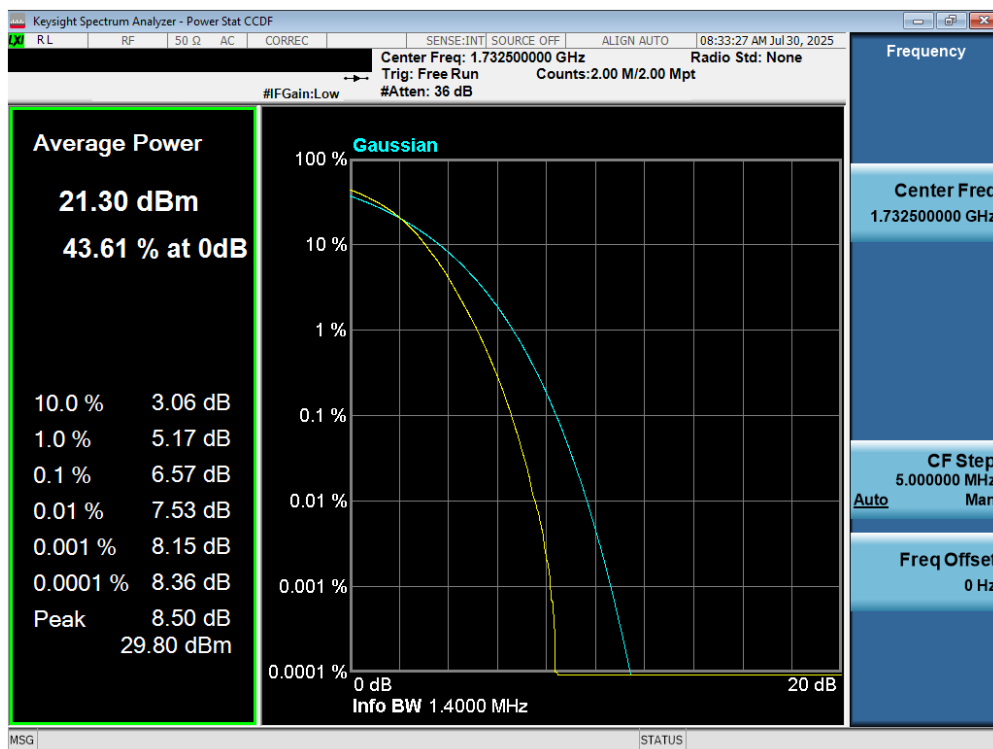
Plot 7-408. PAR Plot (LTE Band 4 - 1.4MHz 16-QAM - Full RB)

FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device
		Page 234 of 360

V2.2 09/07/2023



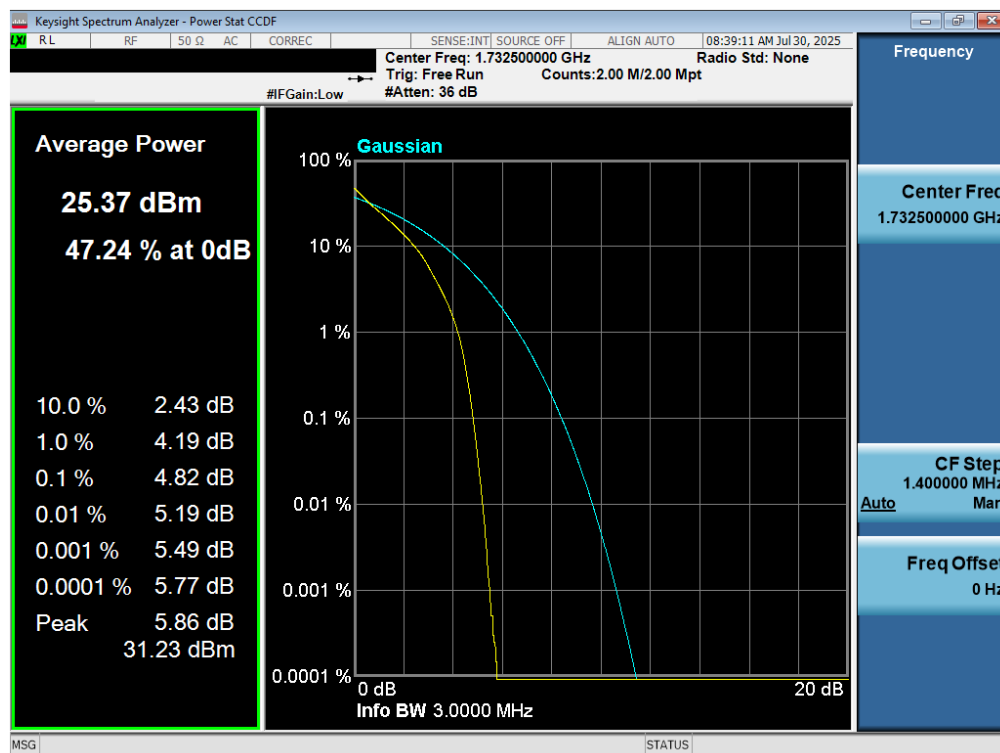
Plot 7-409. PAR Plot (LTE Band 4 - 1.4MHz 64-QAM - Full RB)



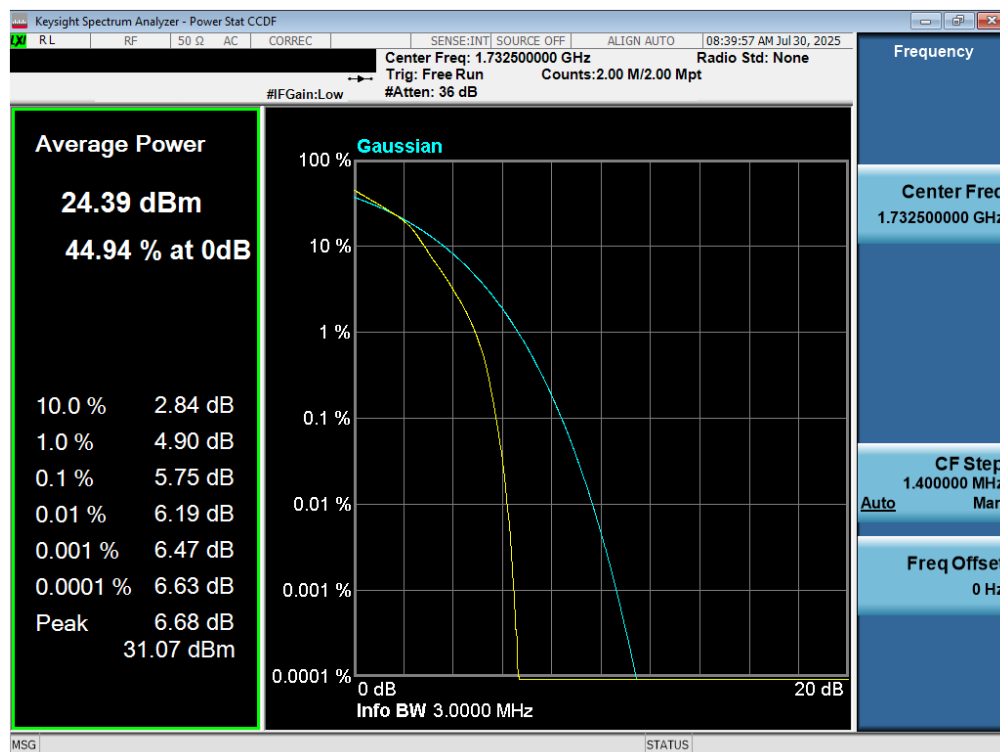
Plot 7-410. PAR Plot (LTE Band 4 - 1.4MHz 256-QAM - Full RB)

FCC ID: BCGA3460	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 235 of 360

V2.2 09/07/2023



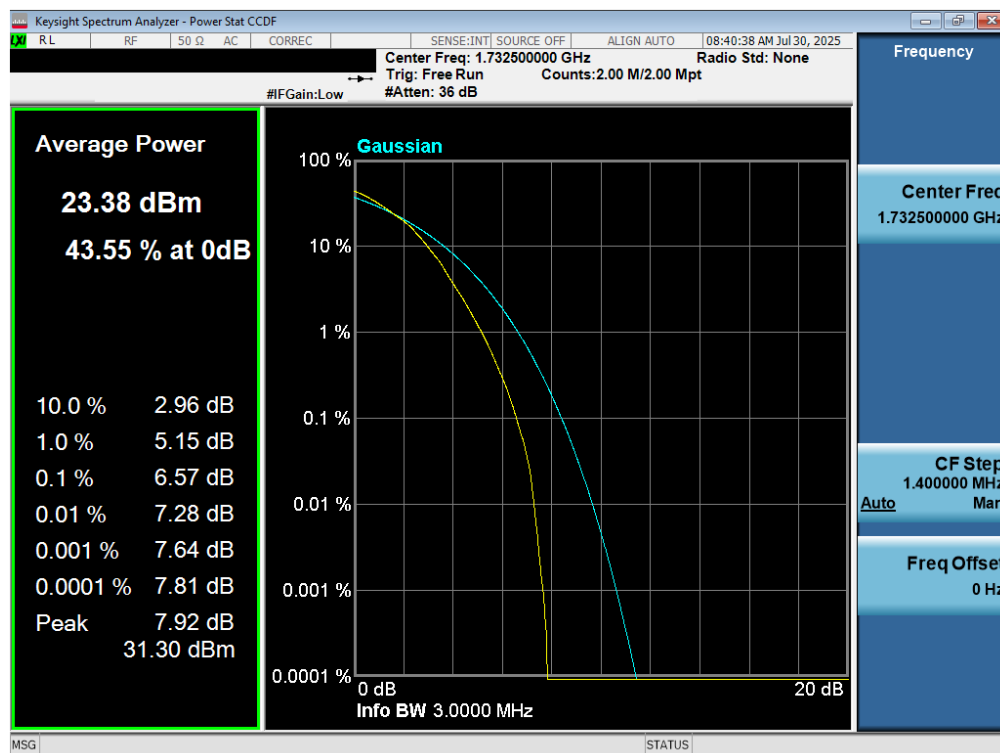
Plot 7-411. PAR Plot (LTE Band 4 - 3MHz QPSK - Full RB)



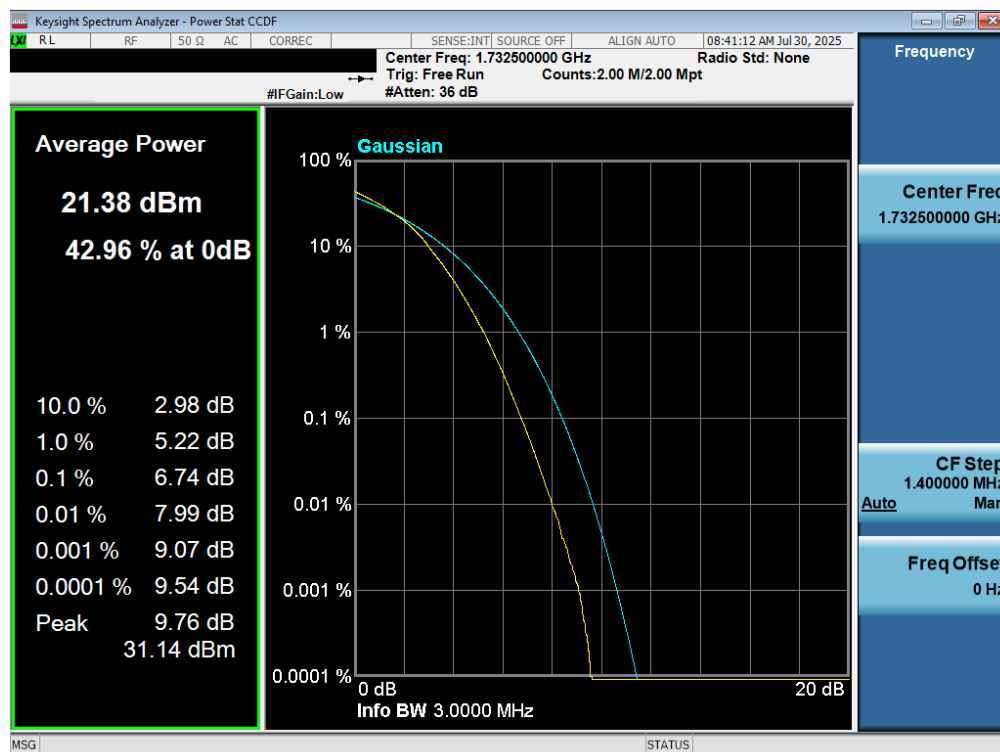
Plot 7-412. PAR Plot (LTE Band 4 - 3MHz 16-QAM - Full RB)

FCC ID: BCGA3460	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 236 of 360

V2.2 09/07/2023



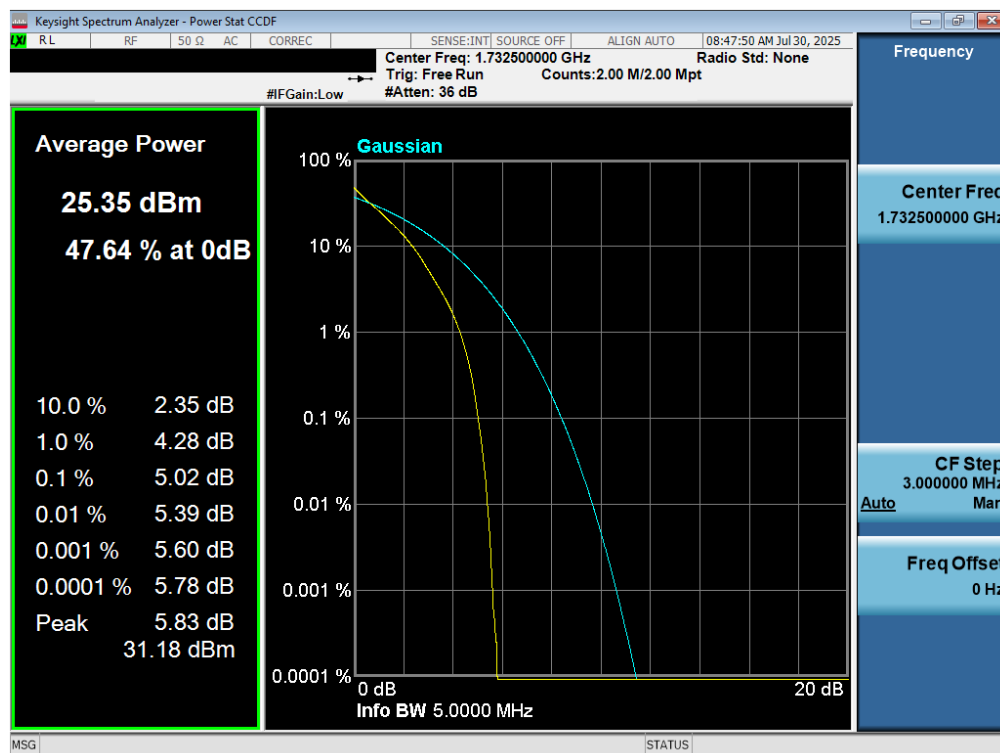
Plot 7-413. PAR Plot (LTE Band 4 - 3MHz 64-QAM - Full RB)



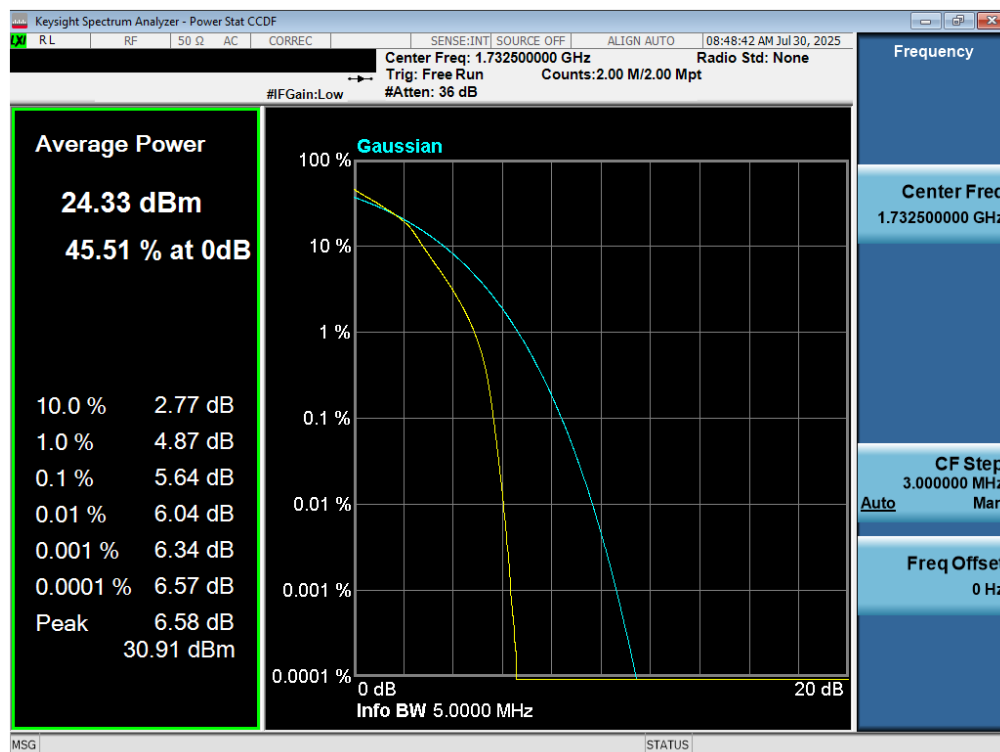
Plot 7-414. PAR Plot (LTE Band 4 - 3MHz 256-QAM - Full RB)

FCC ID: BCGA3460	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 237 of 360

V2.2 09/07/2023



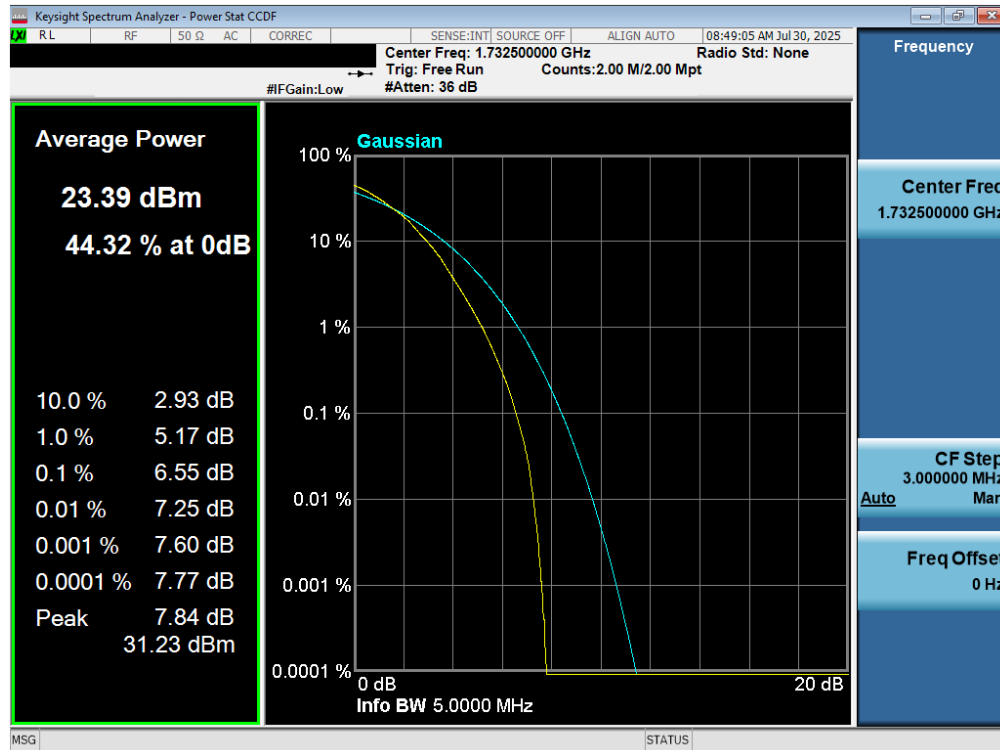
Plot 7-415. PAR Plot (LTE Band 4 - 5MHz QPSK - Full RB)



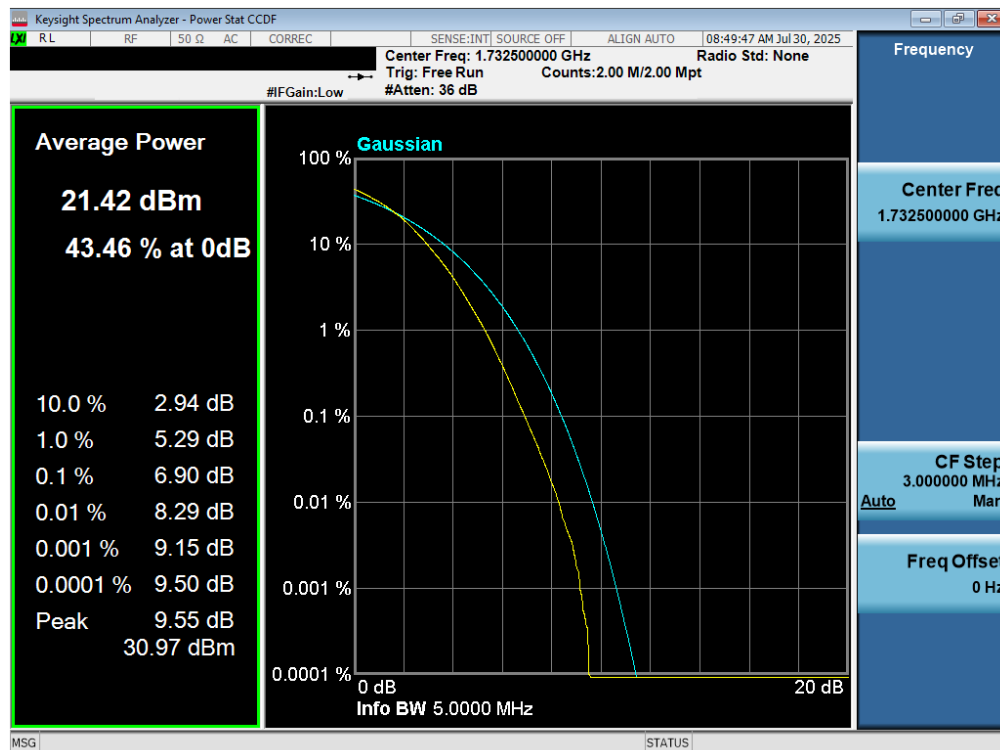
Plot 7-416. PAR Plot (LTE Band 4 - 5MHz 16-QAM - Full RB)

FCC ID: BCGA3460	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 238 of 360

V2.2 09/07/2023



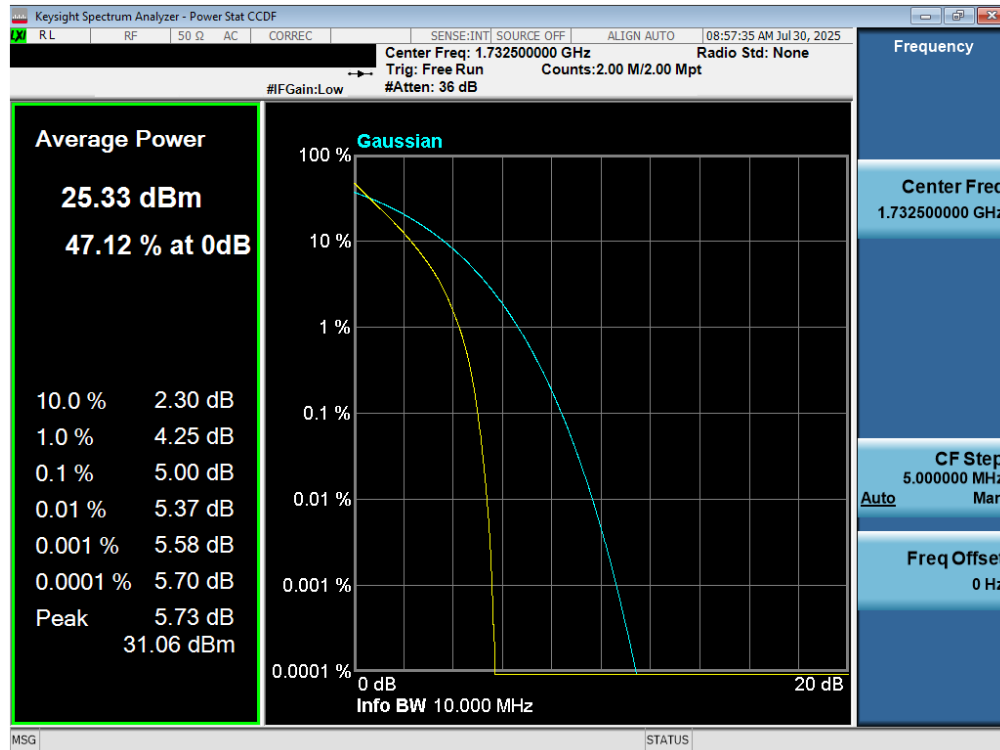
Plot 7-417. PAR Plot (LTE Band 4 - 5MHz 64-QAM - Full RB)



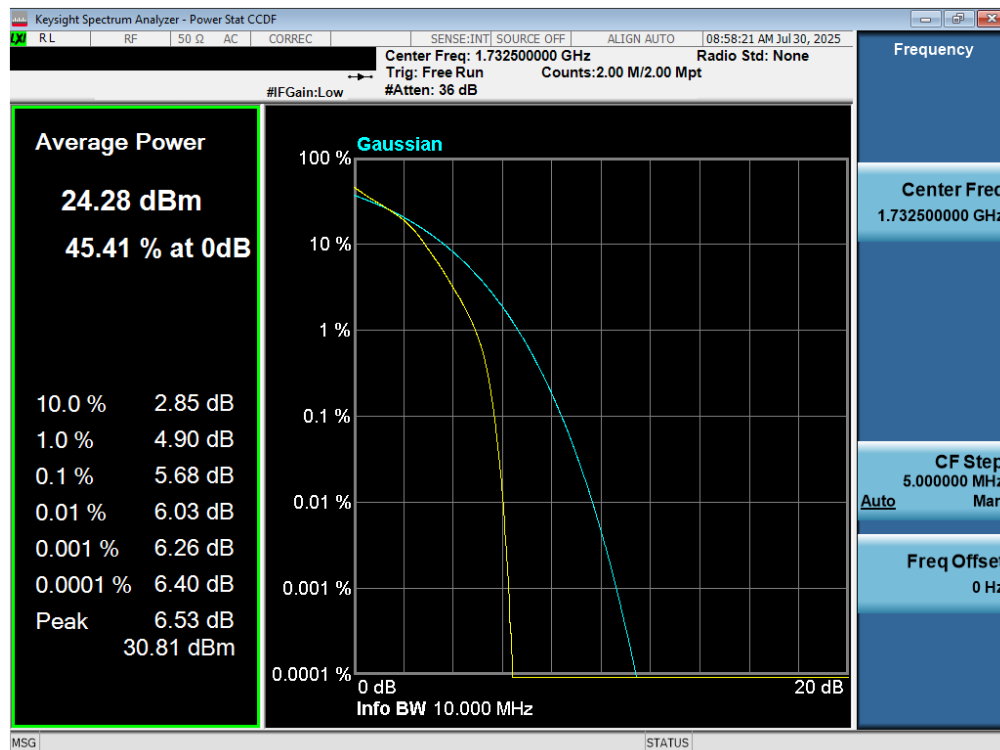
Plot 7-418. PAR Plot (LTE Band 4 - 5MHz 256-QAM - Full RB)

FCC ID: BCGA3460	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 239 of 360

V2.2 09/07/2023



Plot 7-419. PAR Plot (LTE Band 4 - 10MHz QPSK - Full RB)

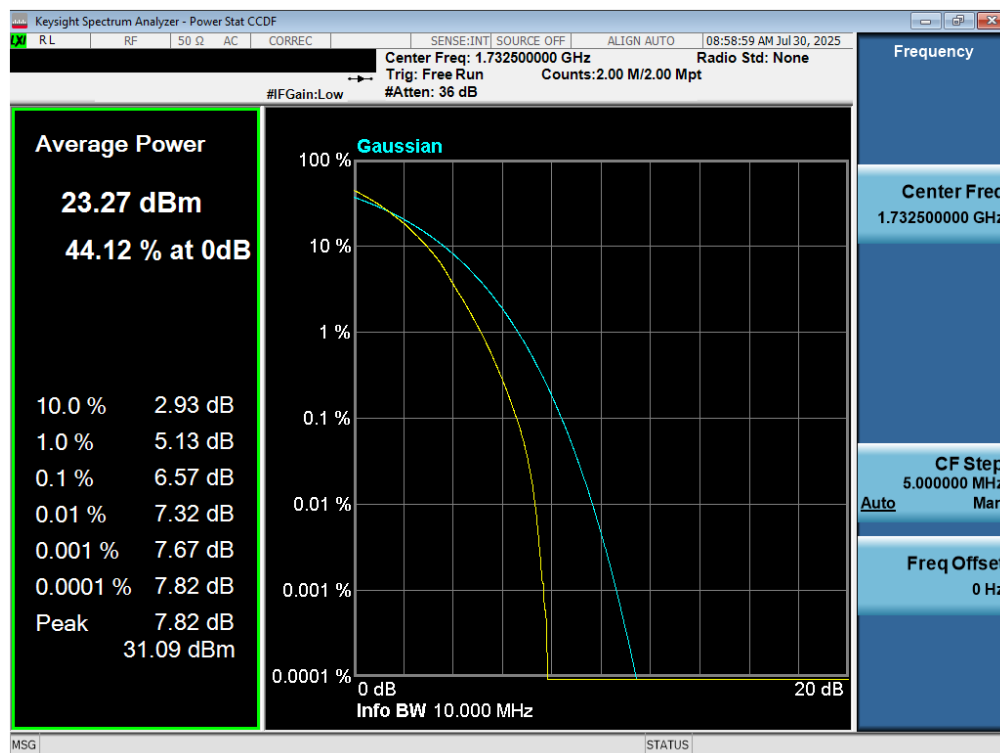


Plot 7-420. PAR Plot (LTE Band 4 - 10MHz 16-QAM - Full RB)

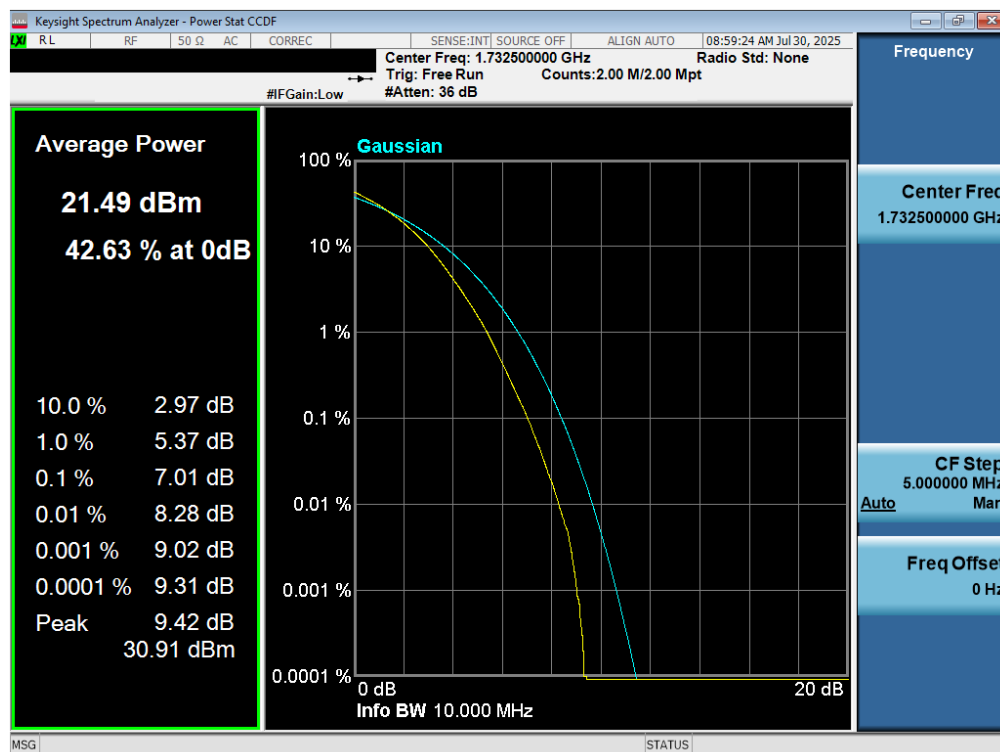
FCC ID: BCGA3460	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 240 of 360

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



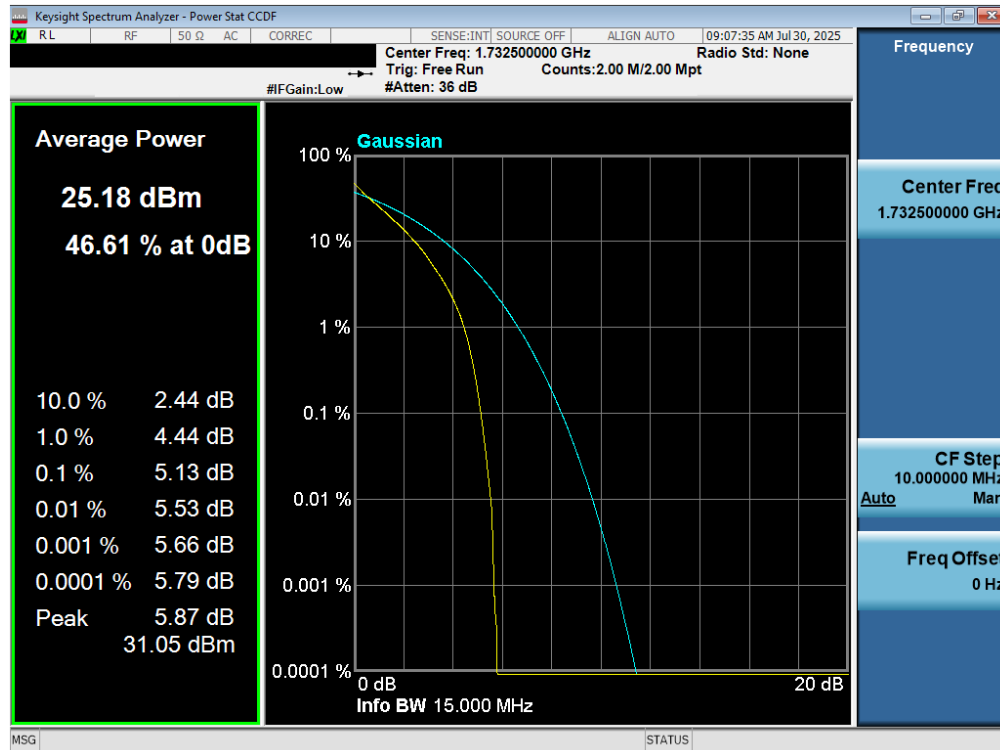
Plot 7-421. PAR Plot (LTE Band 4 - 10MHz 64-QAM - Full RB)



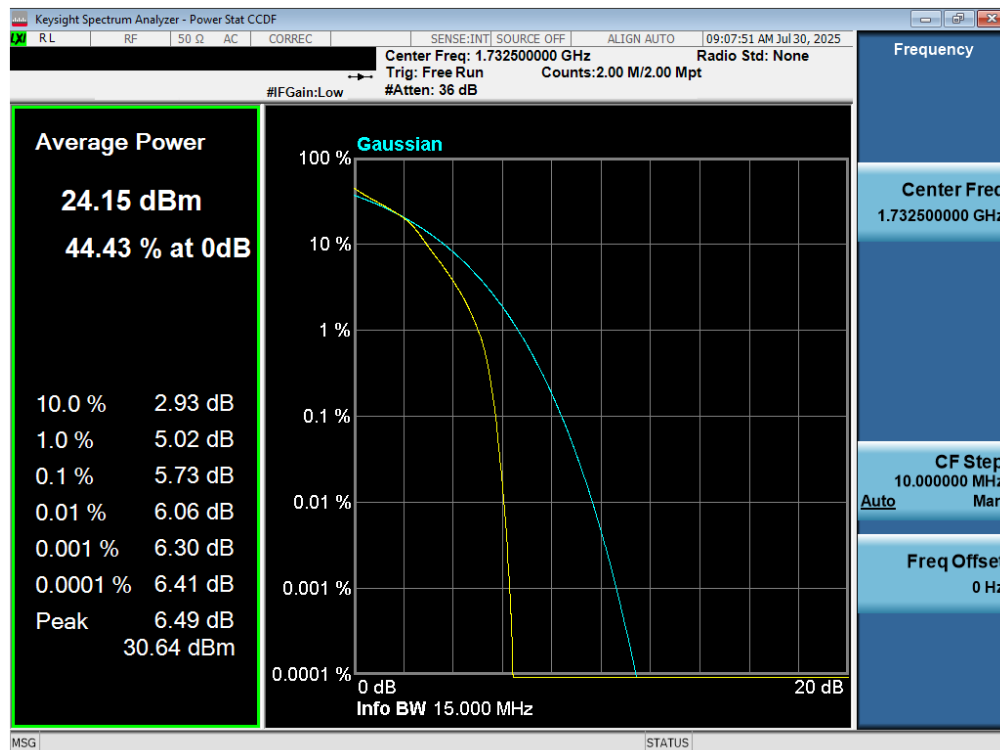
Plot 7-422. PAR Plot (LTE Band 4 - 10MHz 256-QAM - Full RB)

FCC ID: BCGA3460	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 241 of 360

V2.2 09/07/2023



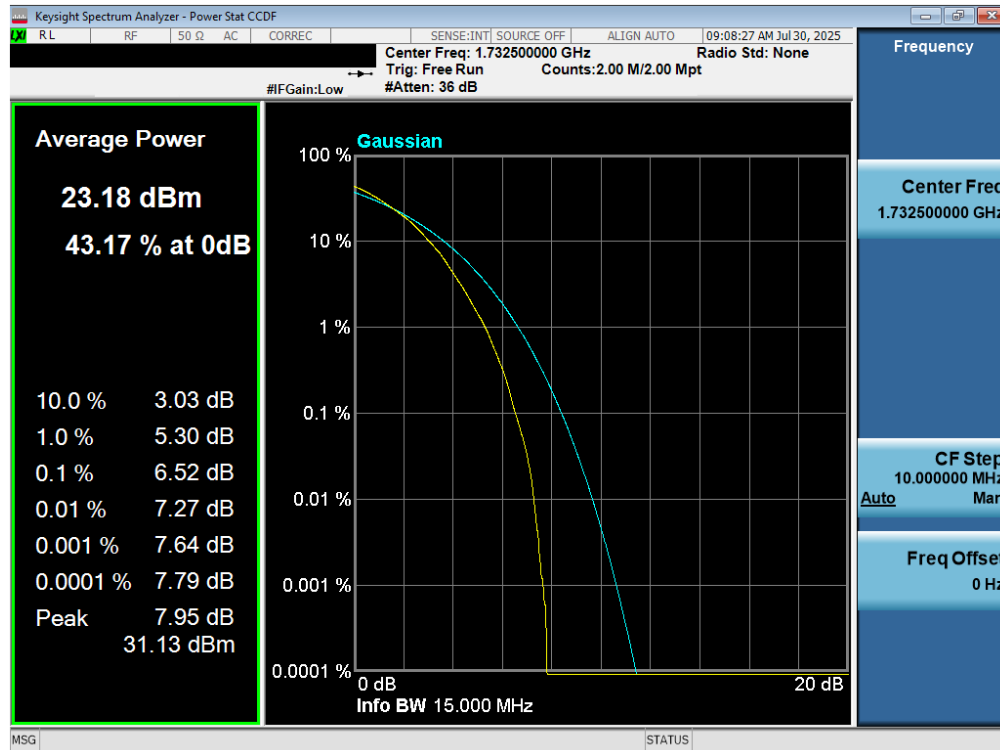
Plot 7-423. PAR Plot (LTE Band 4 - 15MHz QPSK - Full RB)



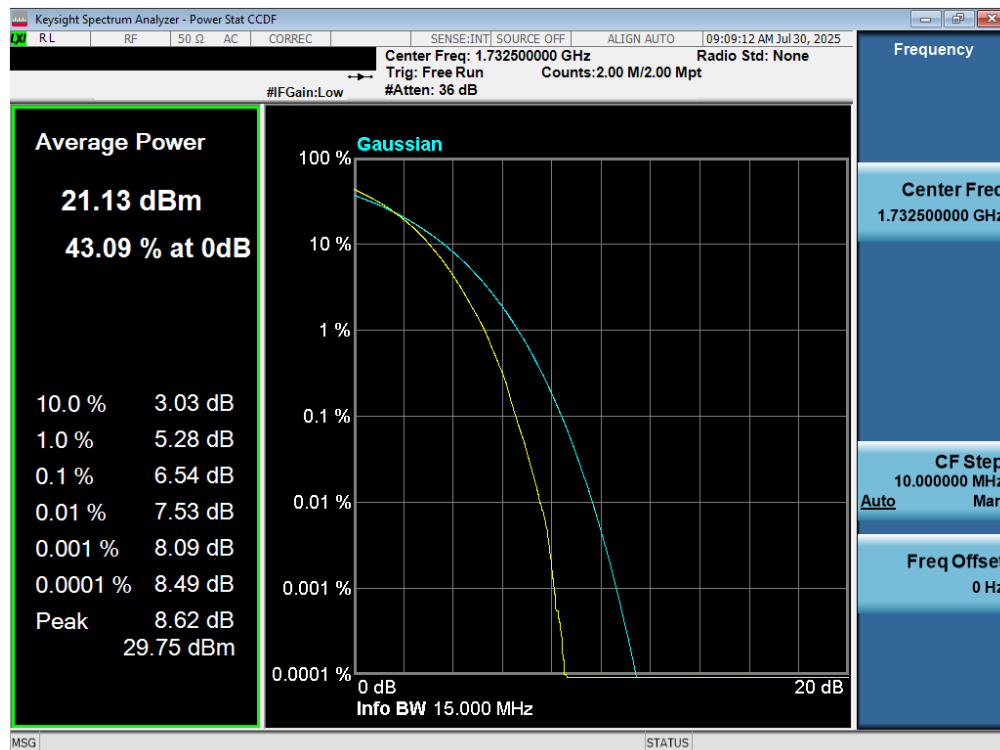
Plot 7-424. PAR Plot (LTE Band 4 - 15MHz 16-QAM - Full RB)

FCC ID: BCGA3460	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 242 of 360

V2.2 09/07/2023



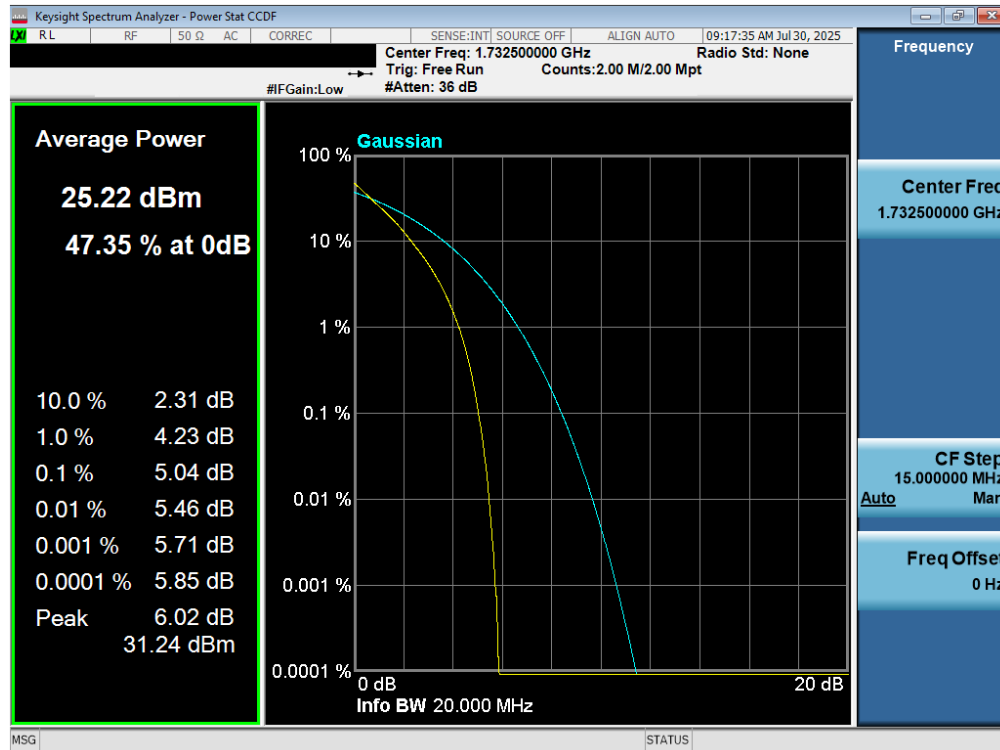
Plot 7-425. PAR Plot (LTE Band 4 - 15MHz 64-QAM - Full RB)



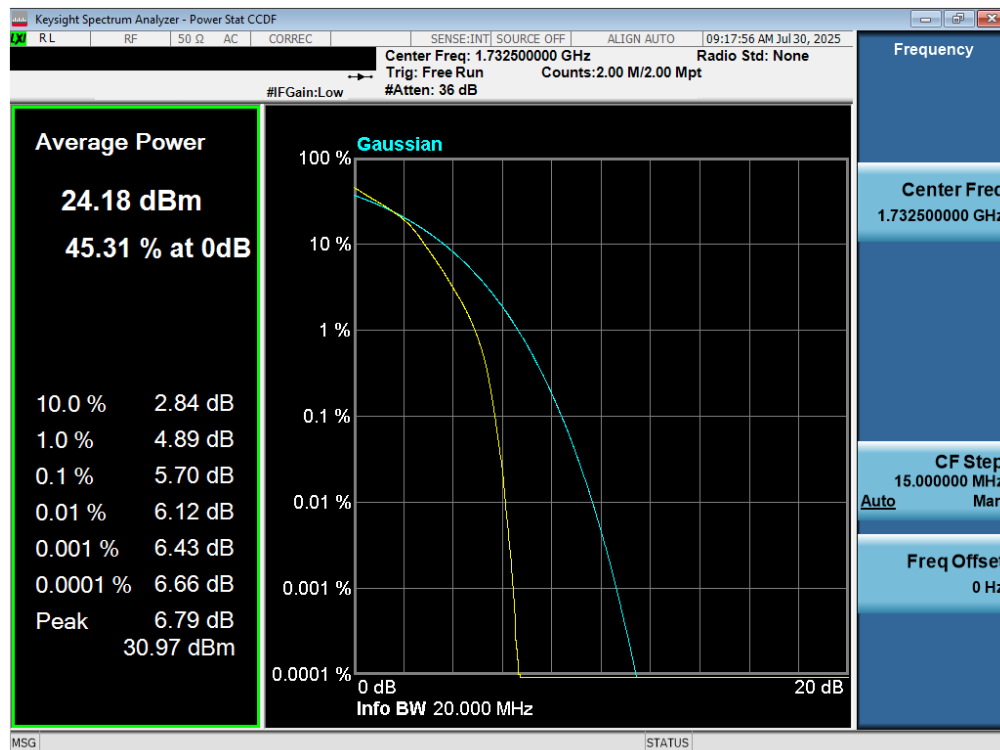
Plot 7-426. PAR Plot (LTE Band 4 - 15MHz 256-QAM - Full RB)

FCC ID: BCGA3460	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 243 of 360

V2.2 09/07/2023



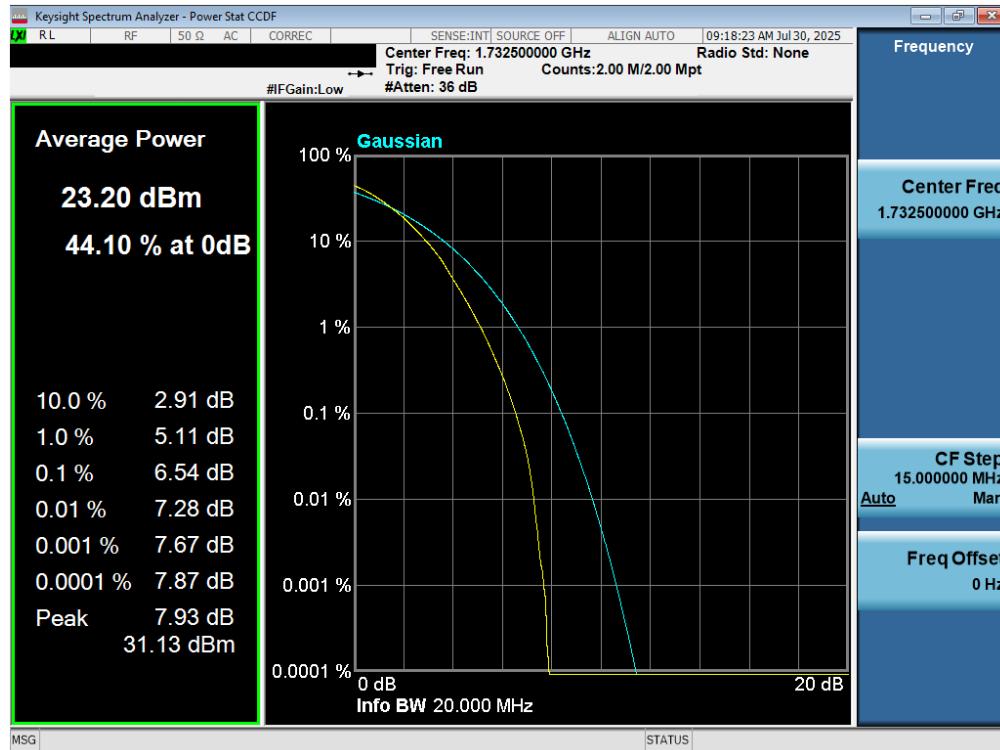
Plot 7-427. PAR Plot (LTE Band 4 - 20MHz QPSK - Full RB)



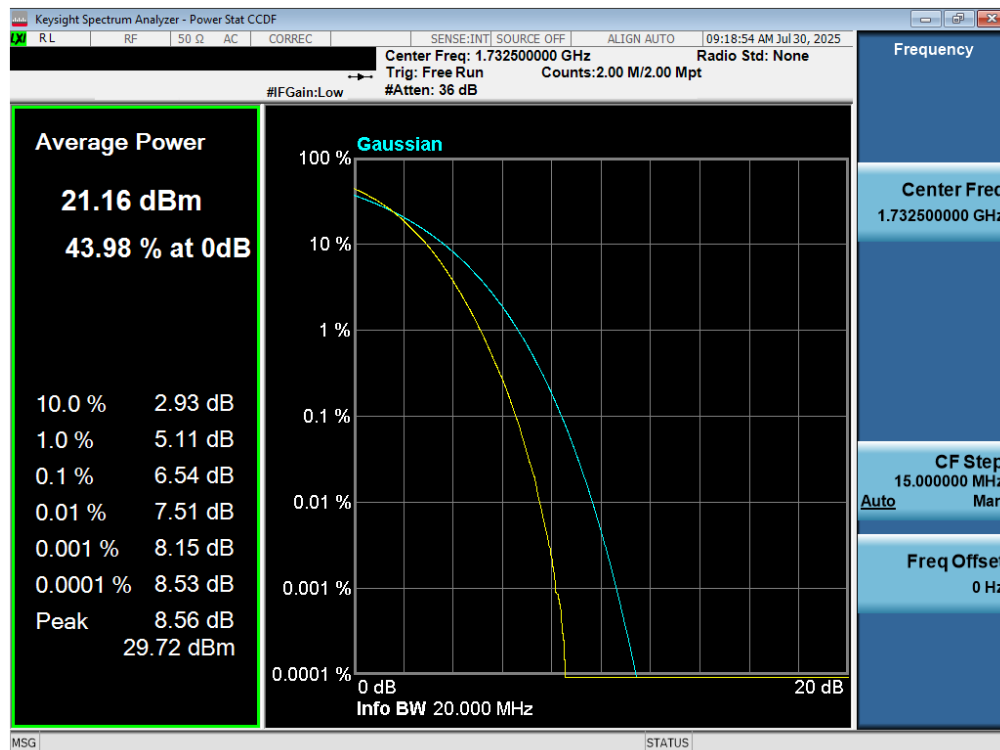
Plot 7-428. PAR Plot (LTE Band 4 - 20MHz 16-QAM - Full RB)

FCC ID: BCGA3460	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 244 of 360

V2.2 09/07/2023



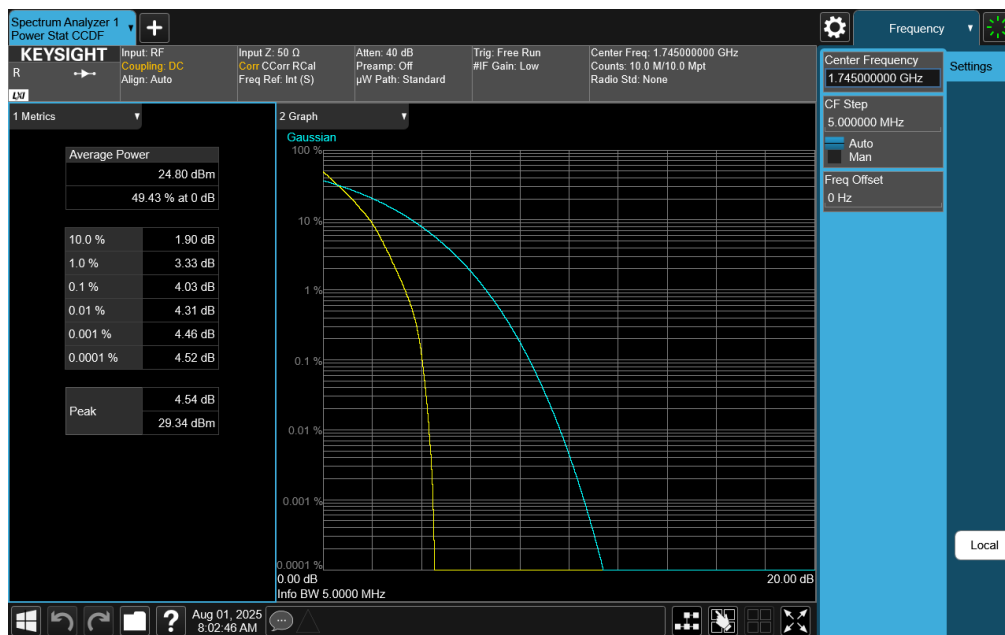
Plot 7-429. PAR Plot (LTE Band 4 - 20MHz 64-QAM - Full RB)



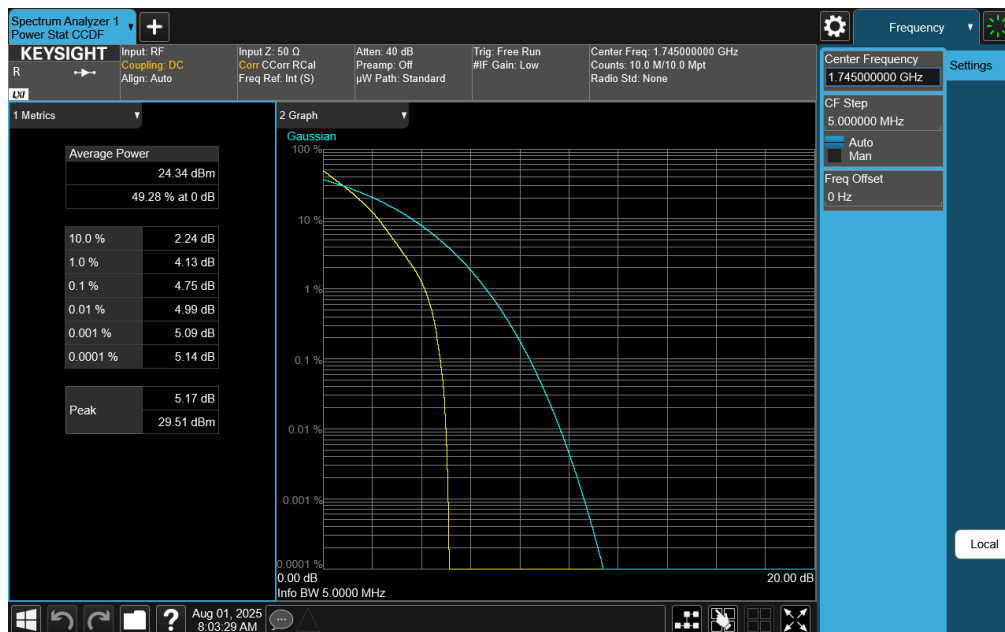
Plot 7-430. PAR Plot (LTE Band 4 - 20MHz 256-QAM - Full RB)

FCC ID: BCGA3460	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 245 of 360

V2.2 09/07/2023



Plot 7-431. PAR Plot (NR Band n66 - 5.0MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

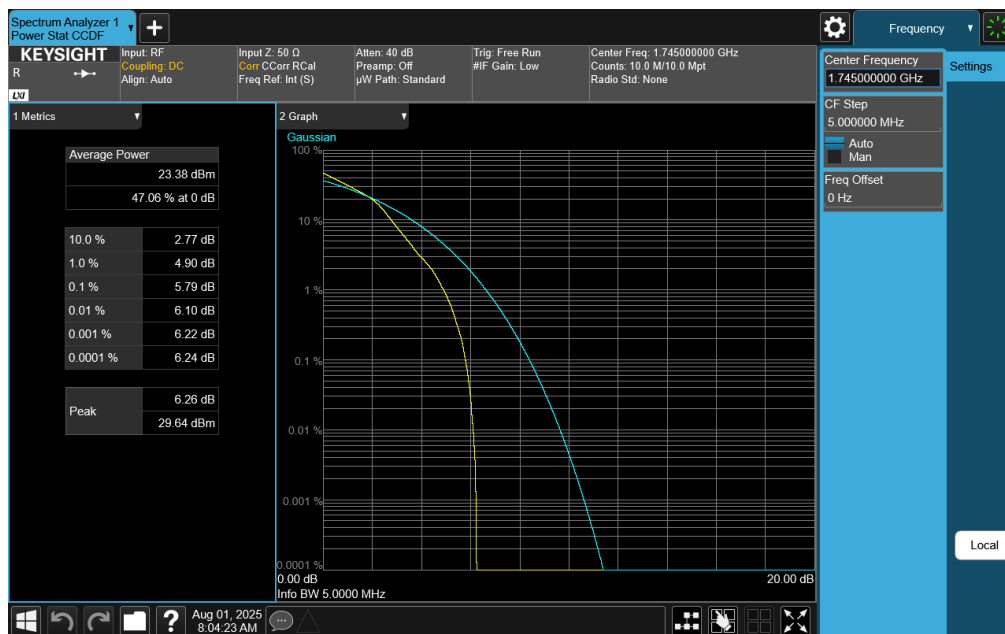


Plot 7-432. PAR Plot (NR Band n66 - 5.0MHz DFT-s-OFDM QPSK - Full RB)

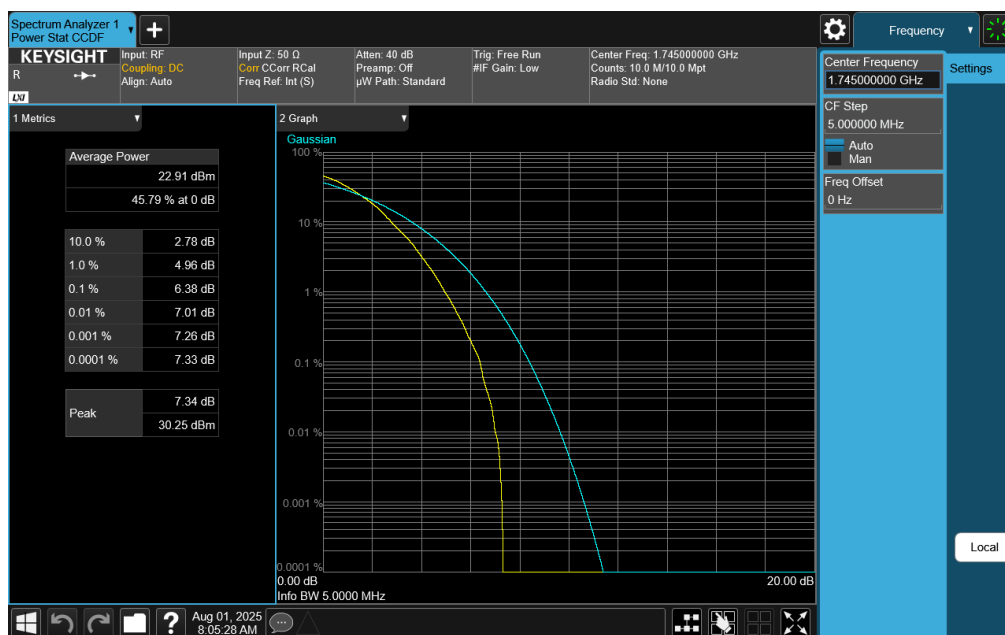
FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 246 of 360

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



Plot 7-433. PAR Plot (NR Band n66 - 5.0MHz DFT-s-OFDM 16-QAM - Full RB)

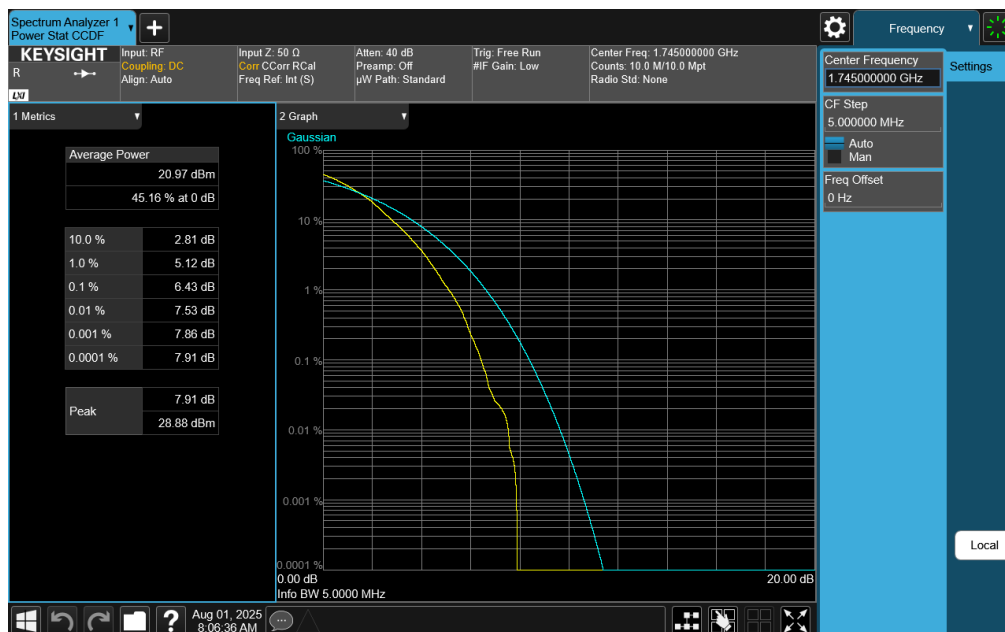


Plot 7-434. PAR Plot (NR Band n66 - 5.0MHz DFT-s-OFDM 64-QAM - Full RB)

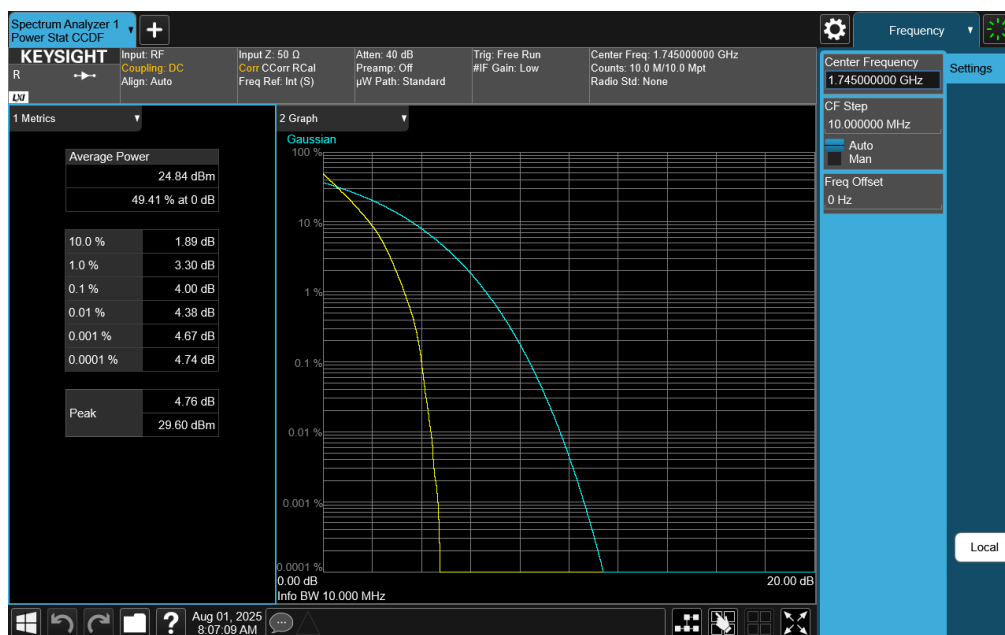
FCC ID: BCGA3460	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 247 of 360

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



Plot 7-435. PAR Plot (NR Band n66 - 5.0MHz DFT-s-OFDM 256-QAM - Full RB)

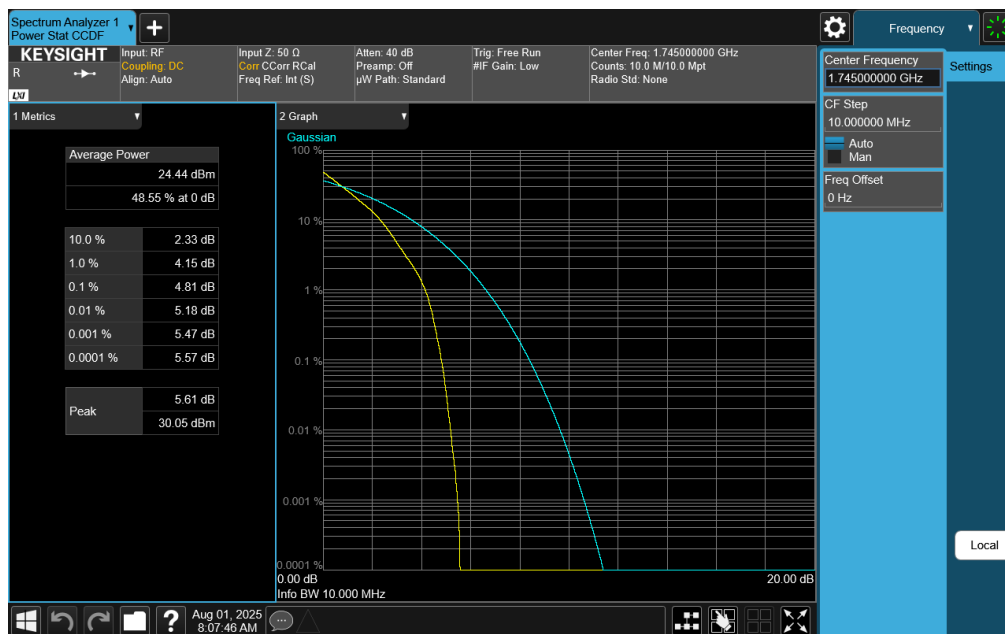


Plot 7-436. PAR Plot (NR Band n66 - 10.0MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

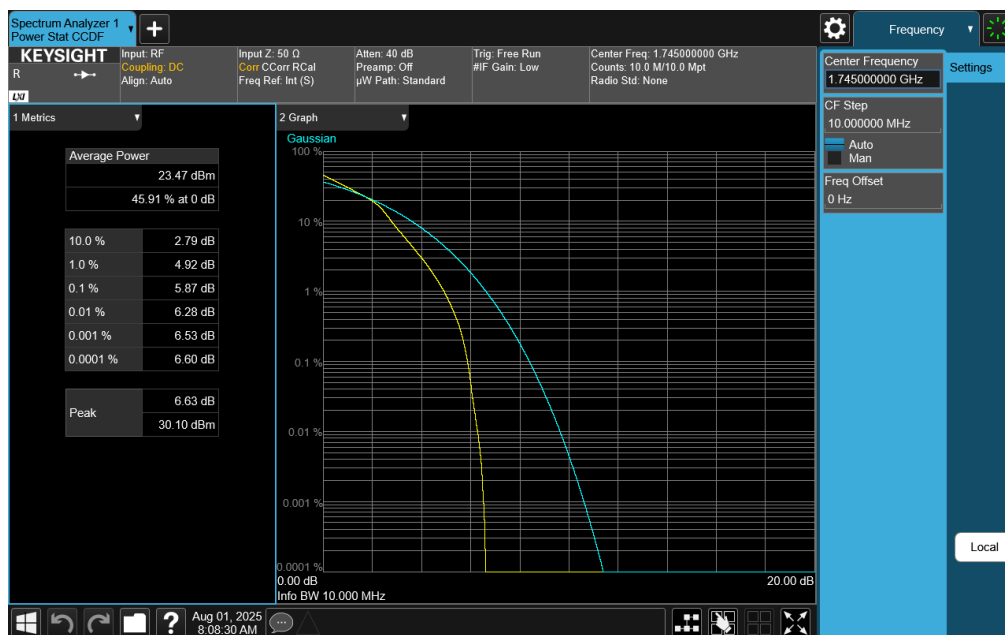
FCC ID: BCGA3460	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 248 of 360

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



Plot 7-437. PAR Plot (NR Band n66 - 10.0MHz DFT-s-OFDM QPSK - Full RB)

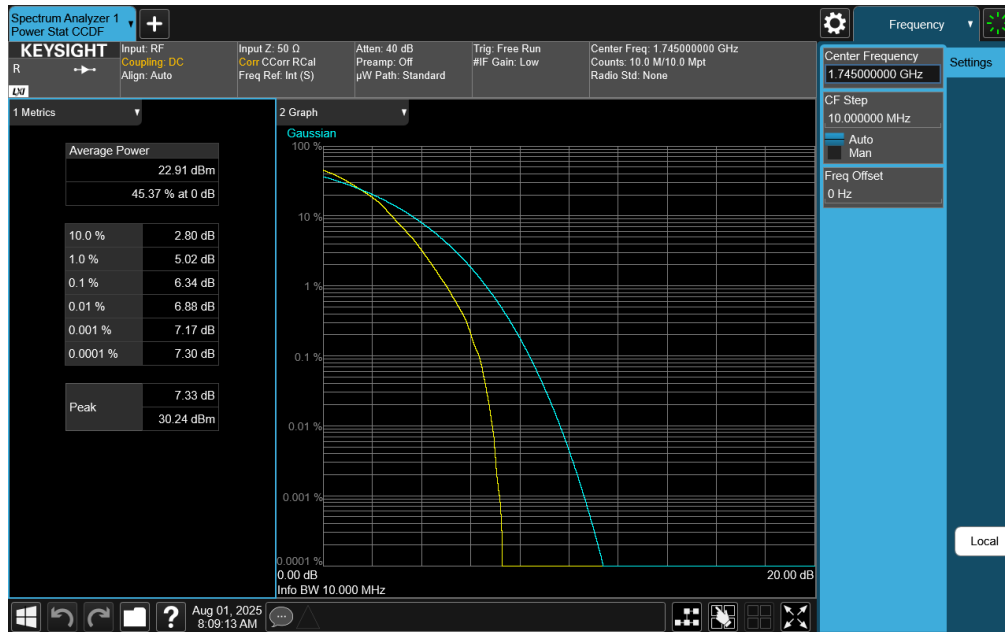


Plot 7-438. PAR Plot (NR Band n66 - 10.0MHz DFT-s-OFDM 16-QAM - Full RB)

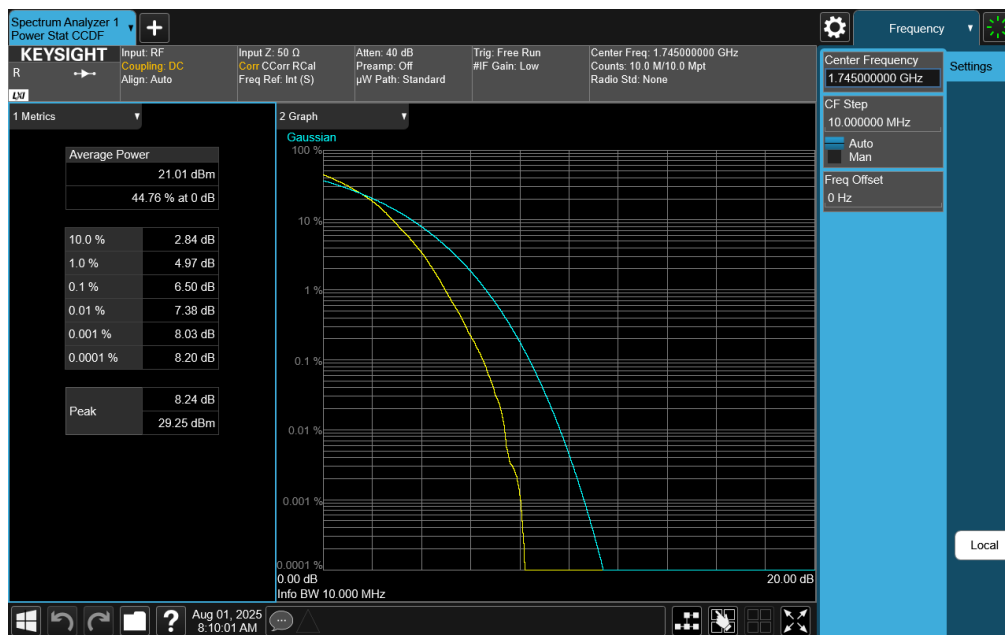
FCC ID: BCGA3460	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 249 of 360

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



Plot 7-439. PAR Plot (NR Band n66 - 10.0MHz DFT-s-OFDM 64-QAM - Full RB)

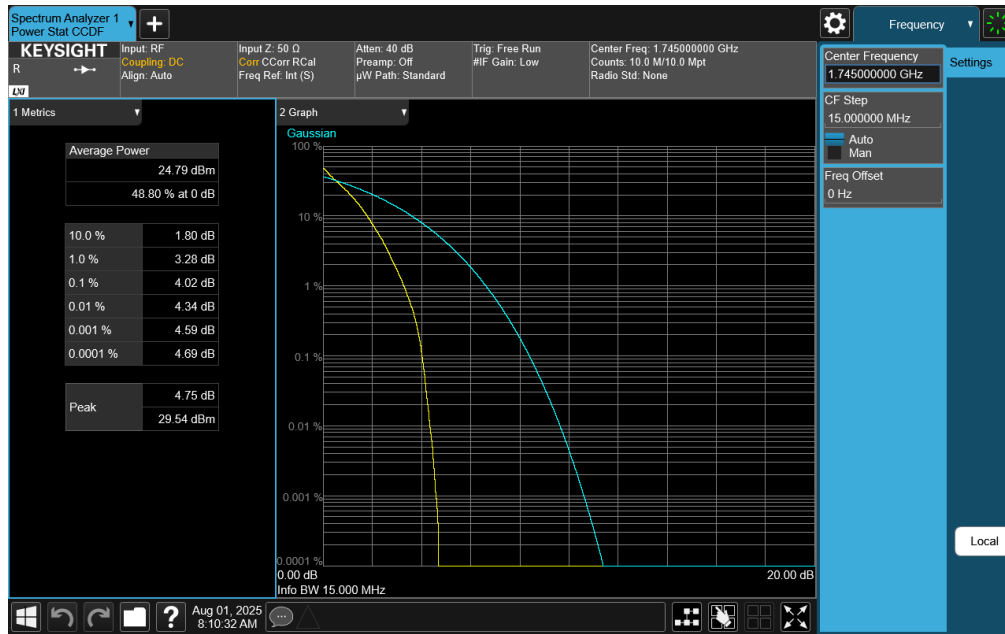


Plot 7-440. PAR Plot (NR Band n66 - 10.0MHz DFT-s-OFDM 256-QAM - Full RB)

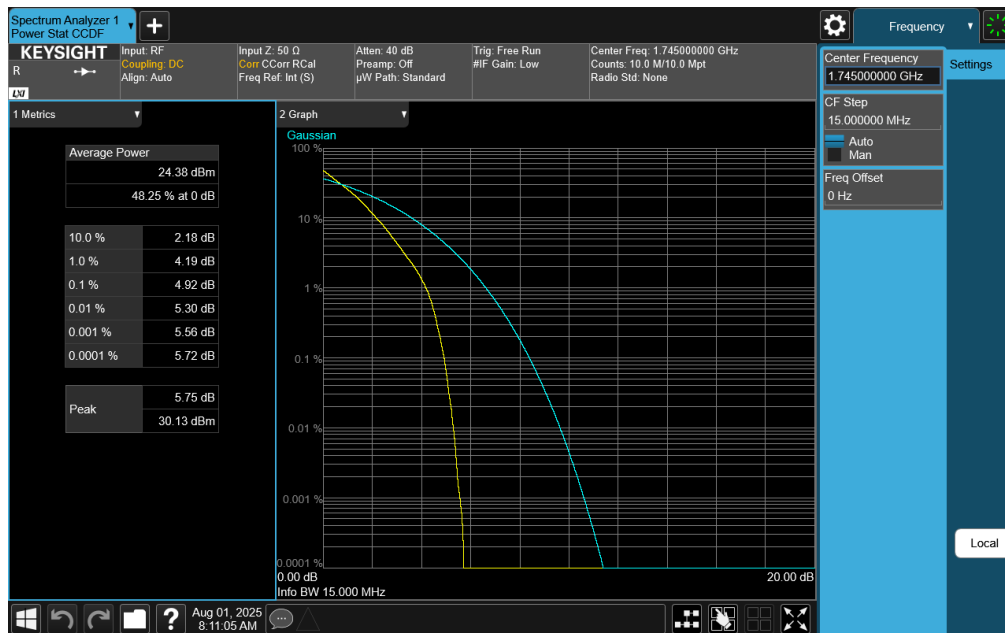
FCC ID: BCGA3460	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 250 of 360

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



Plot 7-441. PAR Plot (NR Band n66 - 15.0MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

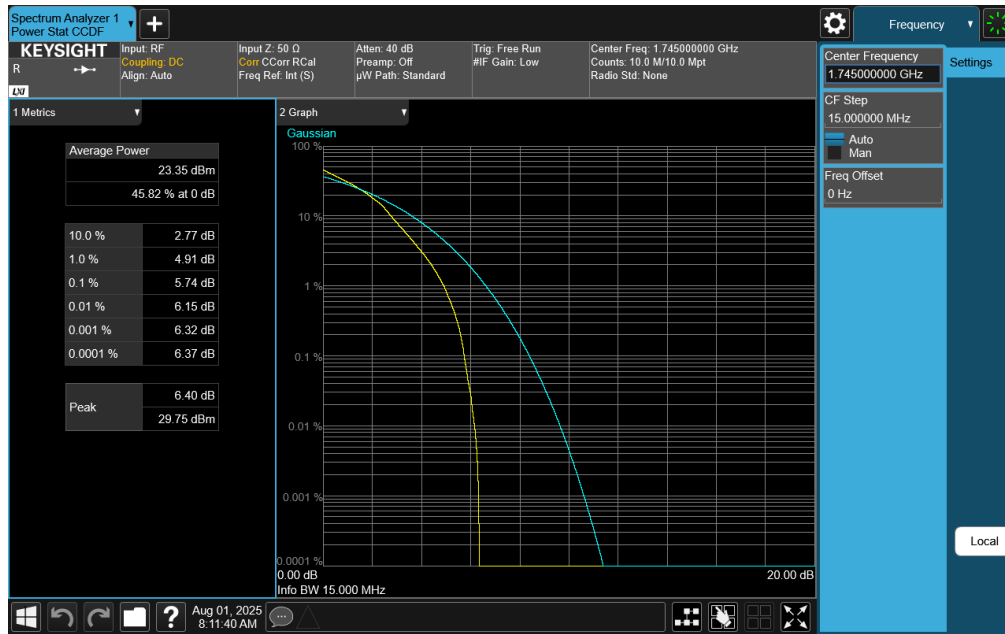


Plot 7-442. PAR Plot (NR Band n66 - 15.0MHz DFT-s-OFDM QPSK - Full RB)

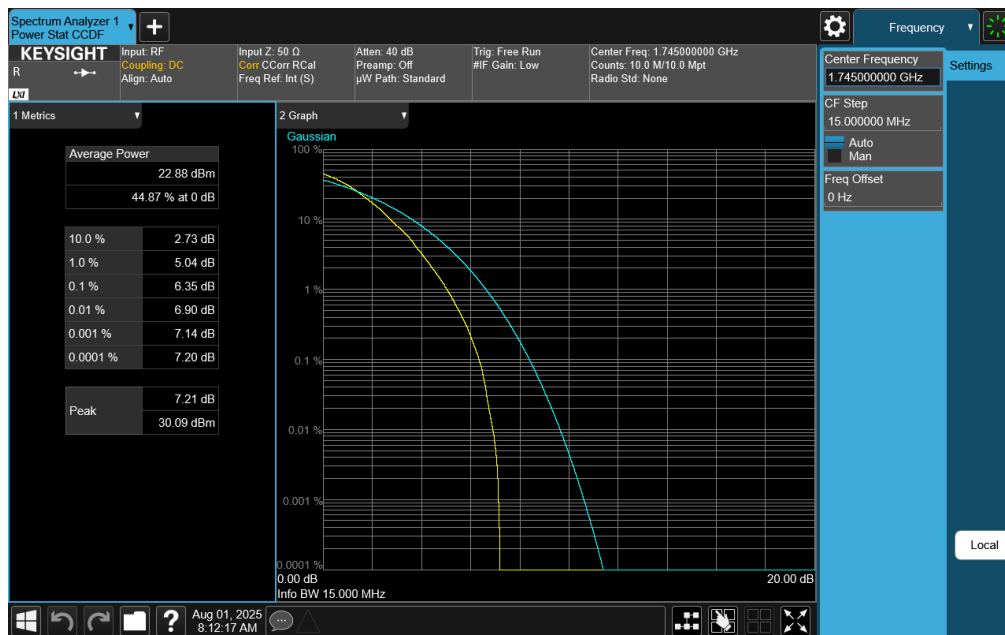
FCC ID: BCGA3460	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 251 of 360

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



Plot 7-443. PAR Plot (NR Band n66 - 15.0MHz DFT-s-OFDM 16-QAM - Full RB)

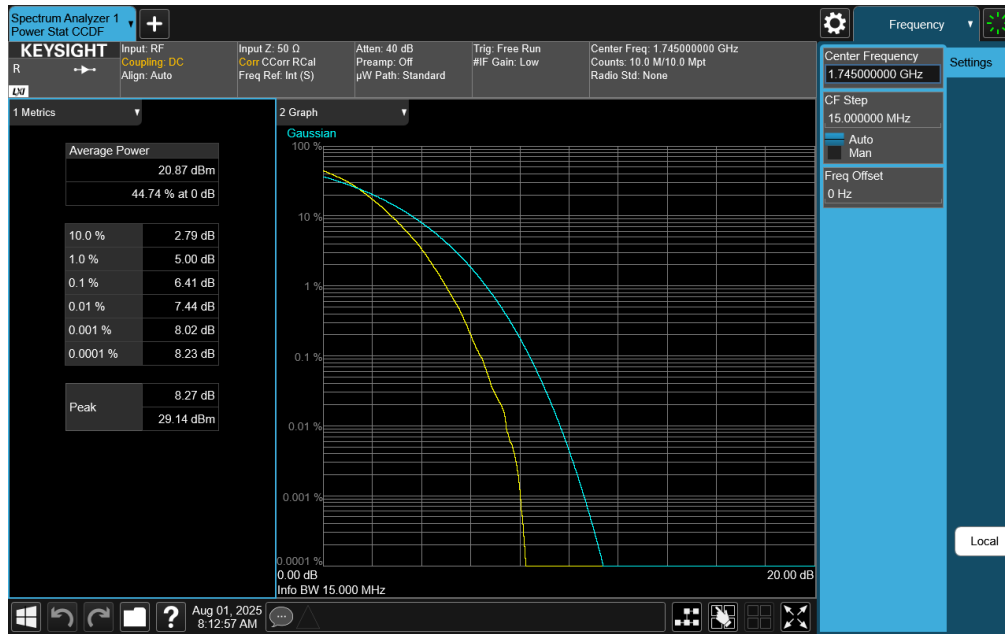


Plot 7-444. PAR Plot (NR Band n66 - 15.0MHz DFT-s-OFDM 64-QAM - Full RB)

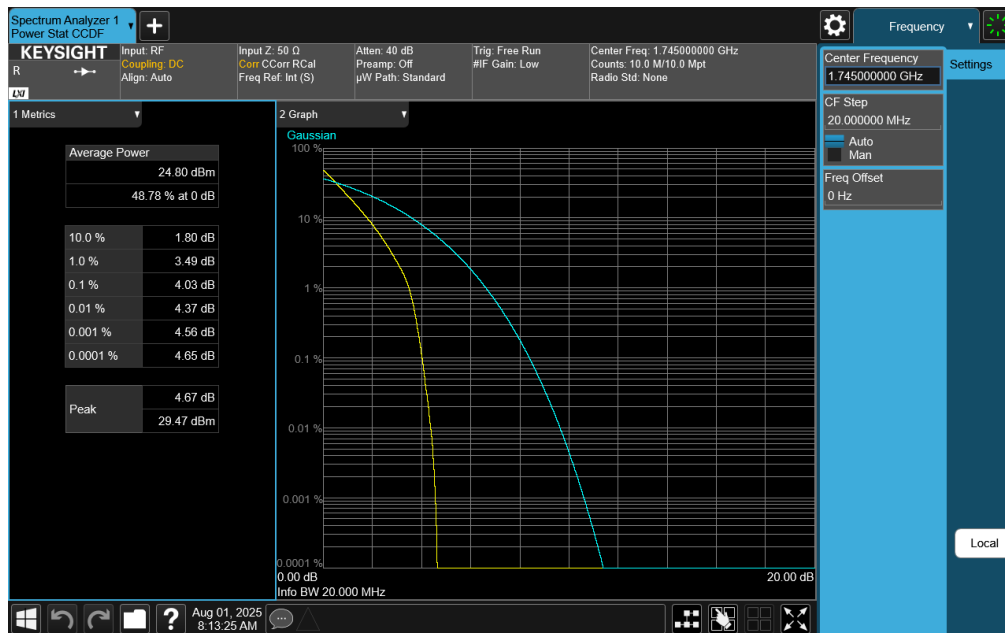
FCC ID: BCGA3460	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 252 of 360

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



Plot 7-445. PAR Plot (NR Band n66 - 15.0MHz DFT-s-OFDM 256-QAM - Full RB)

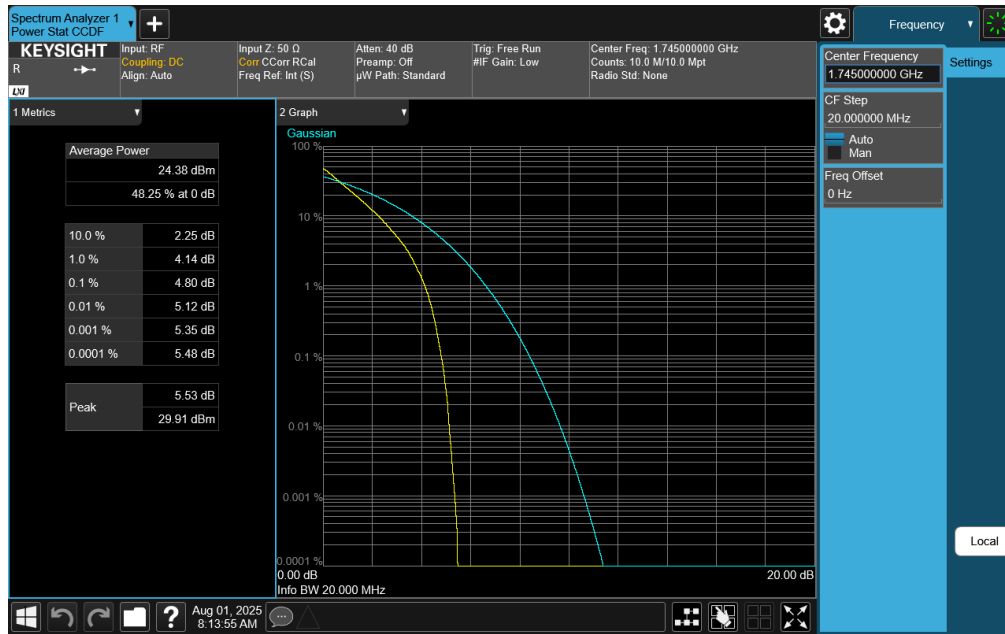


Plot 7-446. PAR Plot (NR Band n66 - 20.0MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

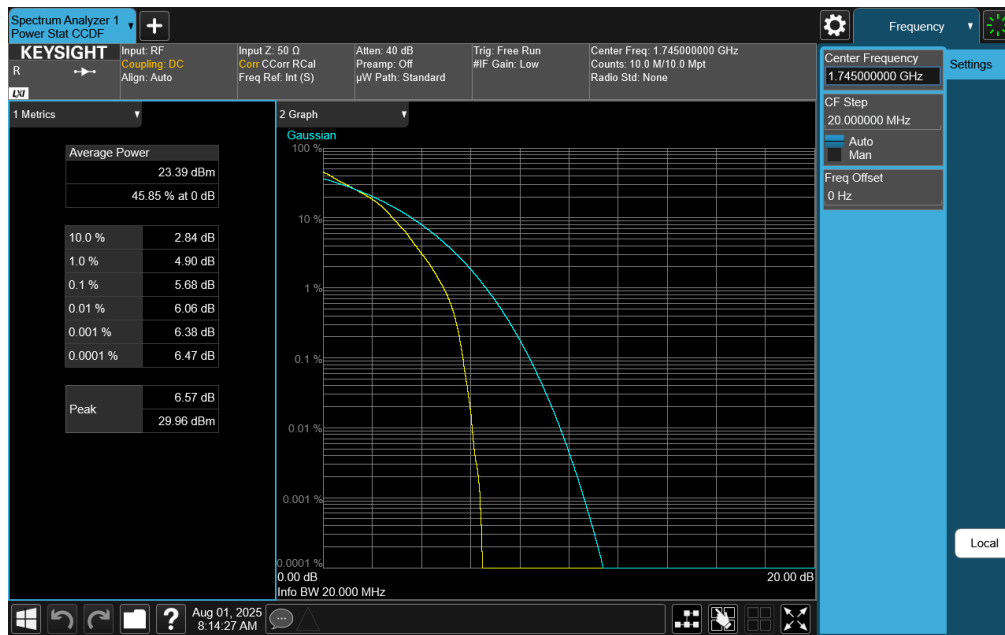
FCC ID: BCGA3460	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 253 of 360

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



Plot 7-447. PAR Plot (NR Band n66 - 20.0MHz DFT-s-OFDM QPSK - Full RB)

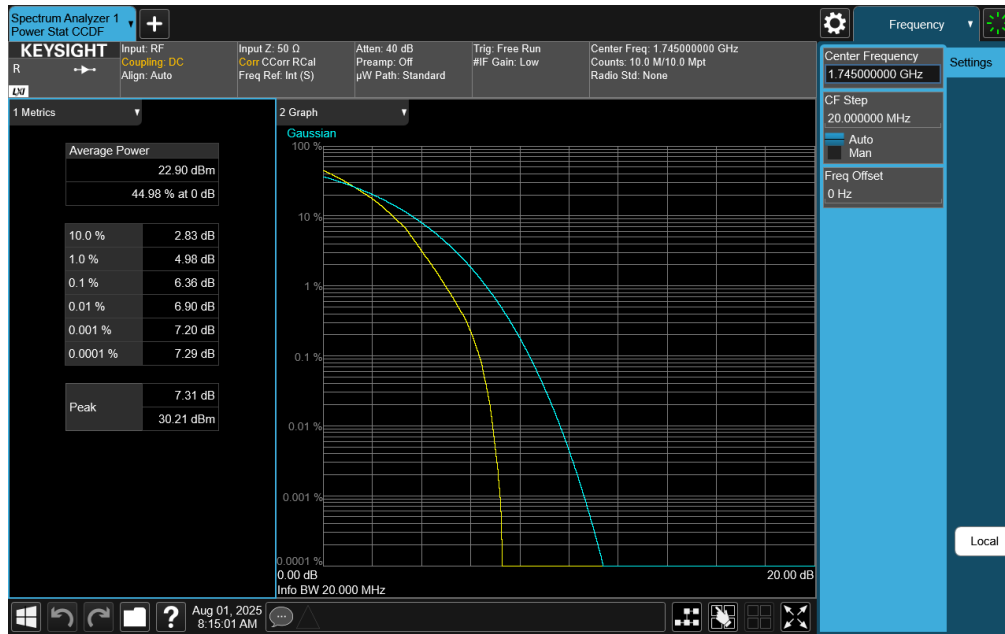


Plot 7-448. PAR Plot (NR Band n66 - 20.0MHz DFT-s-OFDM 16-QAM - Full RB)

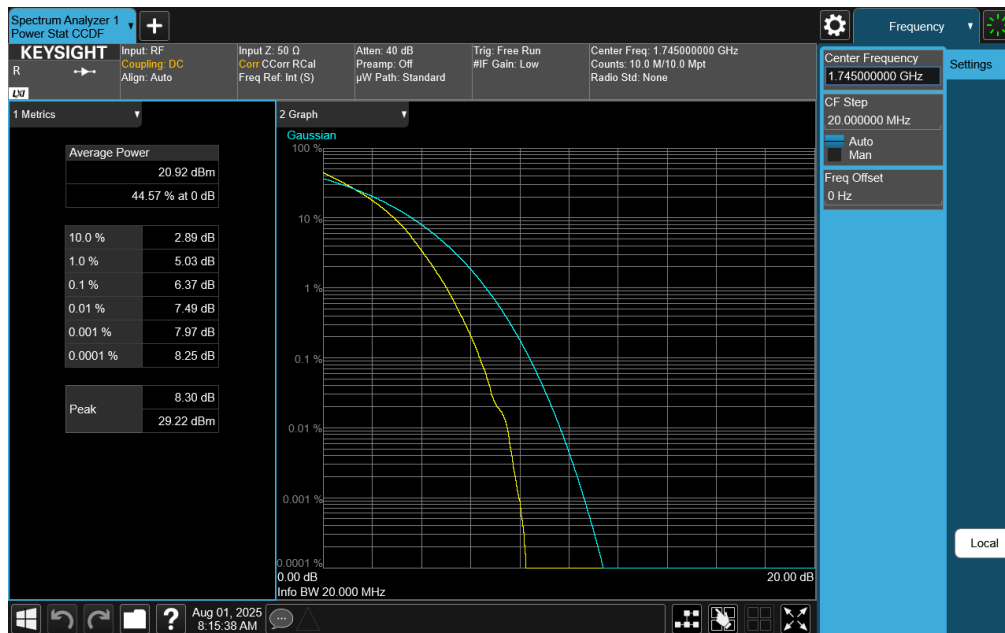
FCC ID: BCGA3460	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 254 of 360

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



Plot 7-449. PAR Plot (NR Band n66 - 20.0MHz DFT-s-OFDM 64-QAM - Full RB)

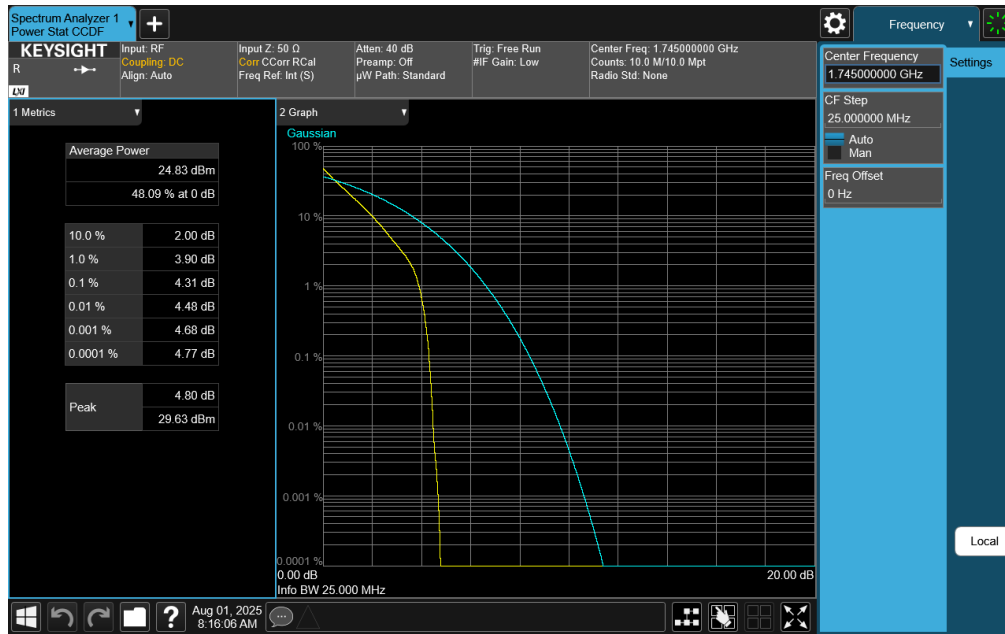


Plot 7-450. PAR Plot (NR Band n66 - 20.0MHz DFT-s-OFDM 256-QAM - Full RB)

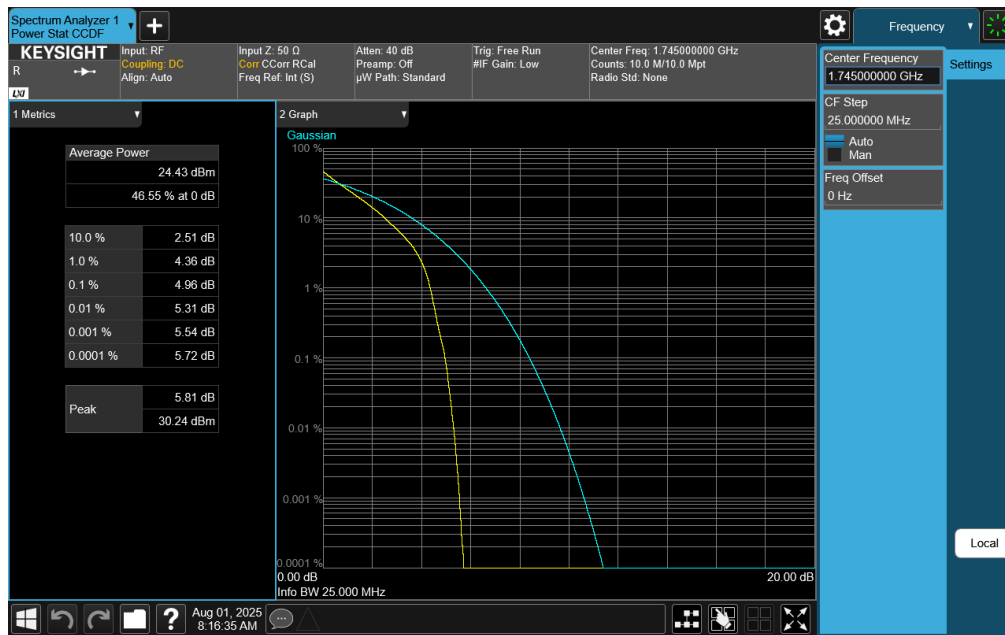
FCC ID: BCGA3460	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 255 of 360

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



Plot 7-451. PAR Plot (NR Band n66 - 25.0MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

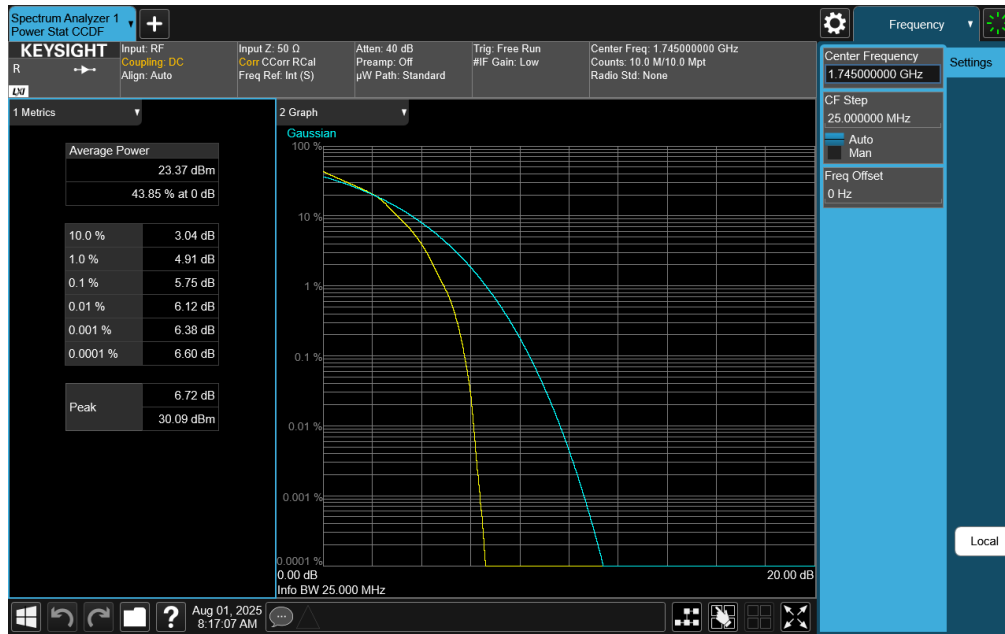


Plot 7-452. PAR Plot (NR Band n66 - 25.0MHz DFT-s-OFDM QPSK - Full RB)

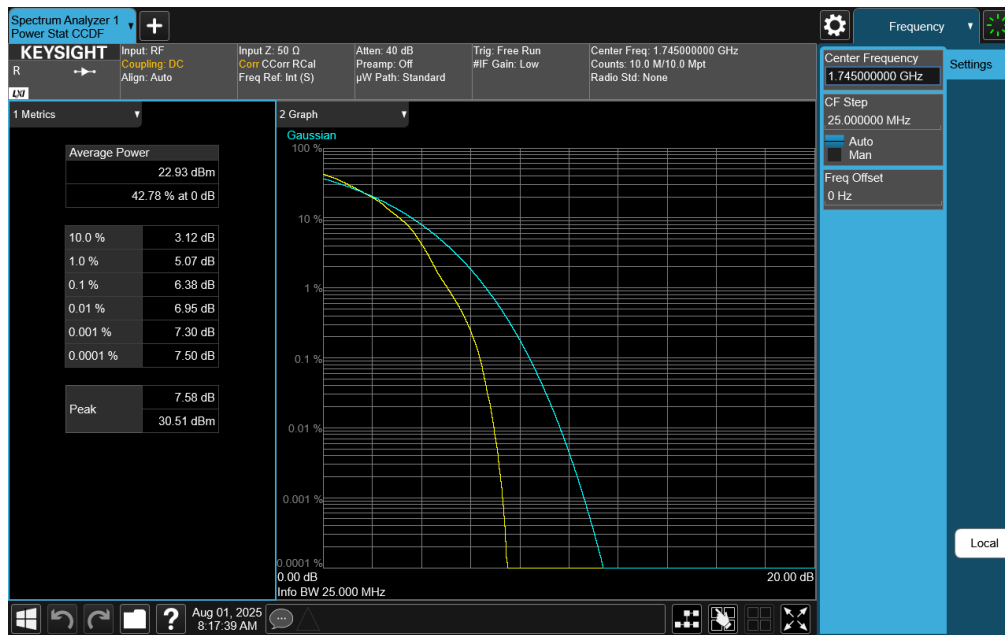
FCC ID: BCGA3460	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 256 of 360

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



Plot 7-453. PAR Plot (NR Band n66 - 25.0MHz DFT-s-OFDM 16-QAM - Full RB)

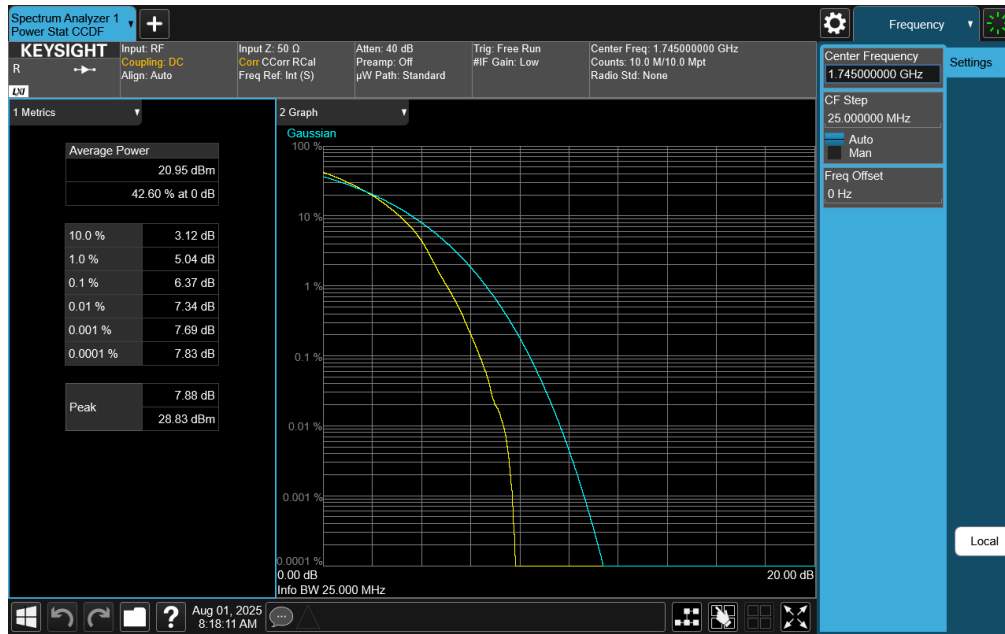


Plot 7-454. PAR Plot (NR Band n66 - 25.0MHz DFT-s-OFDM 64-QAM - Full RB)

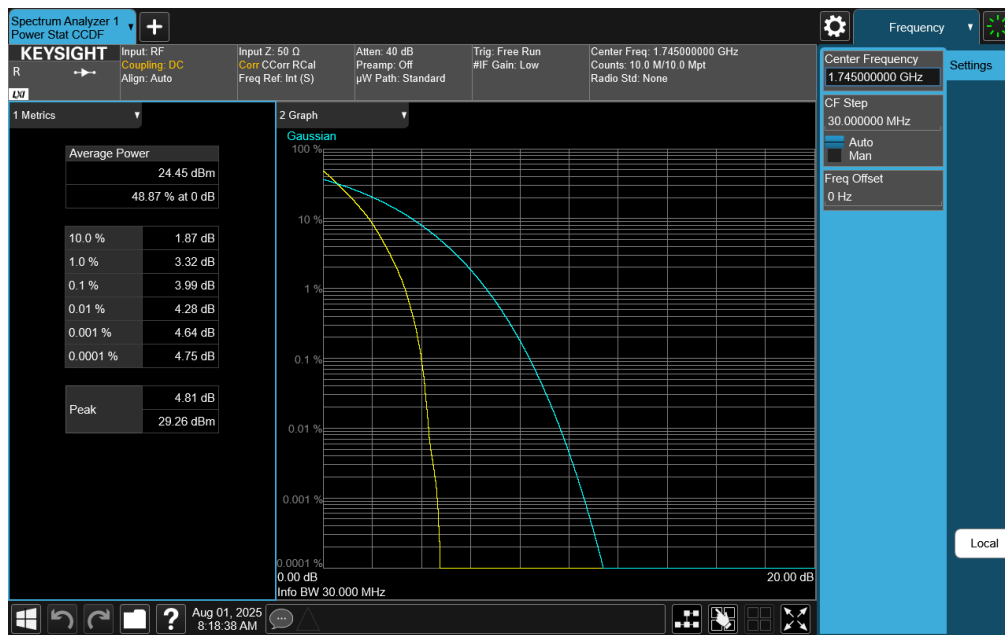
FCC ID: BCGA3460	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 257 of 360

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



Plot 7-455. PAR Plot (NR Band n66 - 25.0MHz DFT-s-OFDM 256-QAM - Full RB)

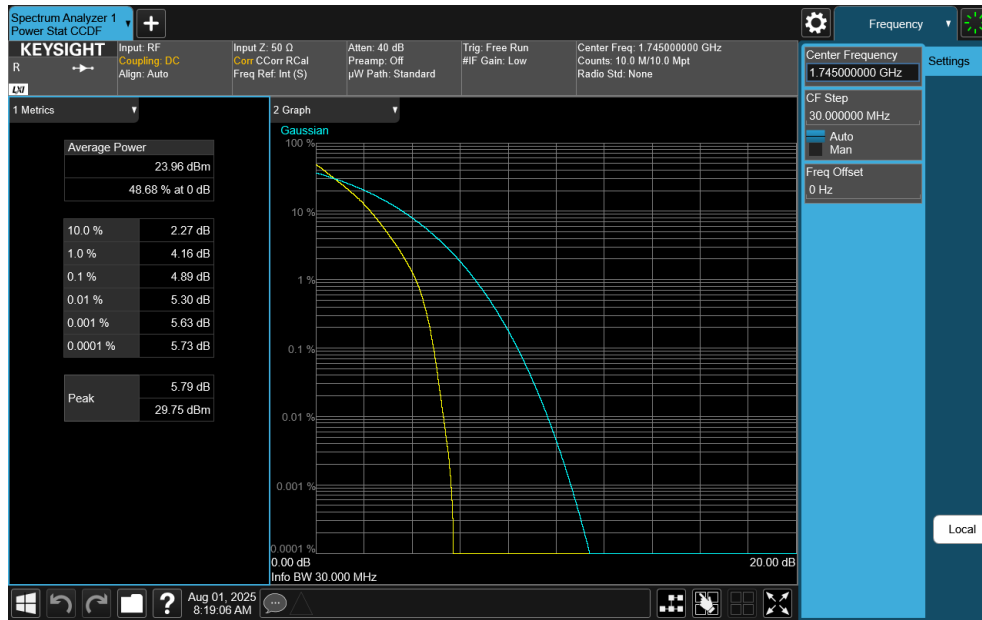


Plot 7-456. PAR Plot (NR Band n66 - 30.0MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

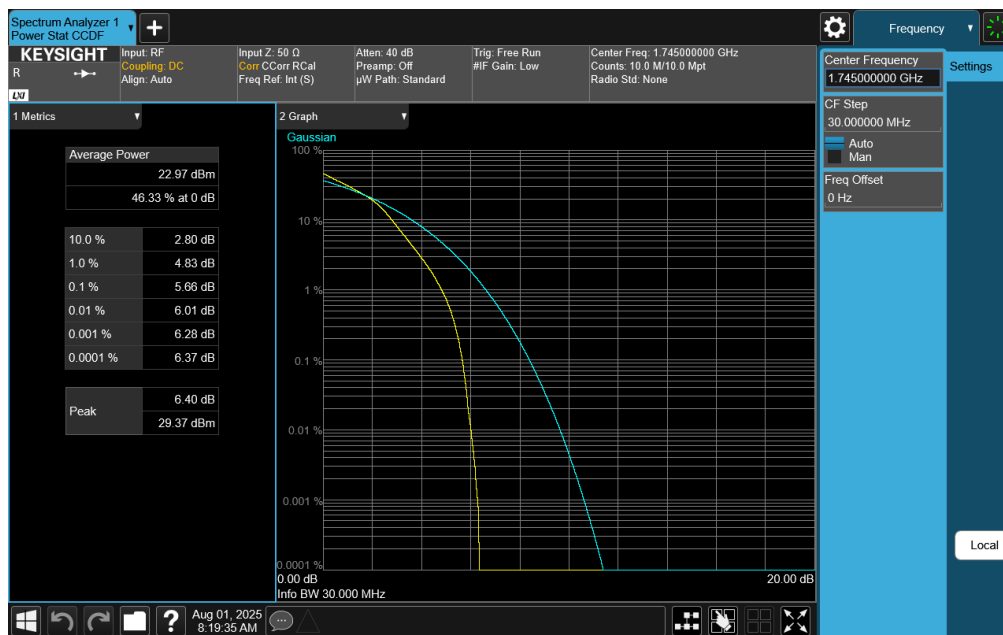
FCC ID: BCGA3460	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 258 of 360

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



Plot 7-457. PAR Plot (NR Band n66 - 30.0MHz DFT-s-OFDM QPSK - Full RB)

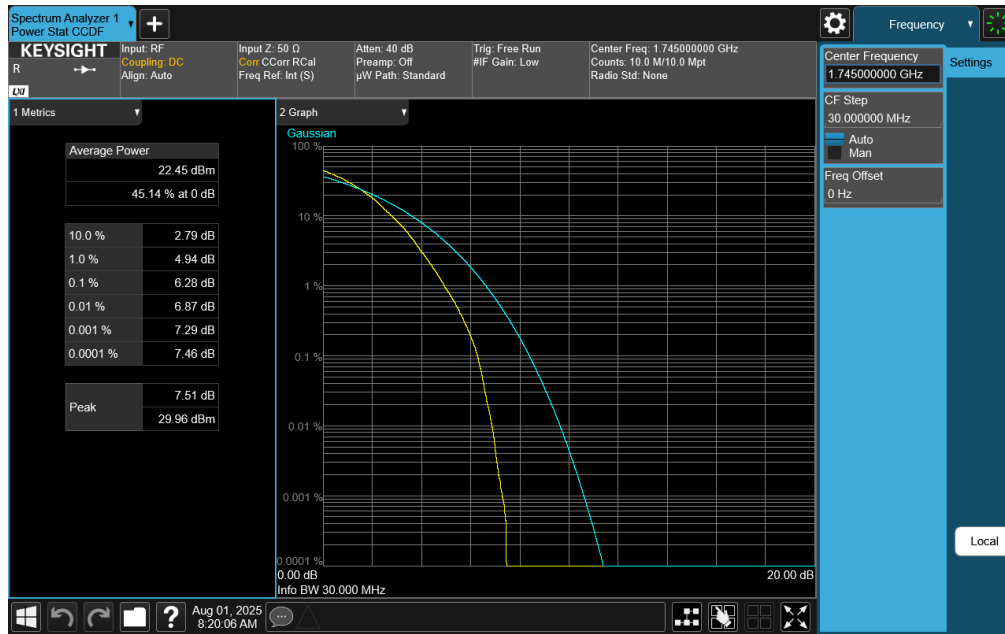


Plot 7-458. PAR Plot (NR Band n66 - 30.0MHz DFT-s-OFDM 16-QAM - Full RB)

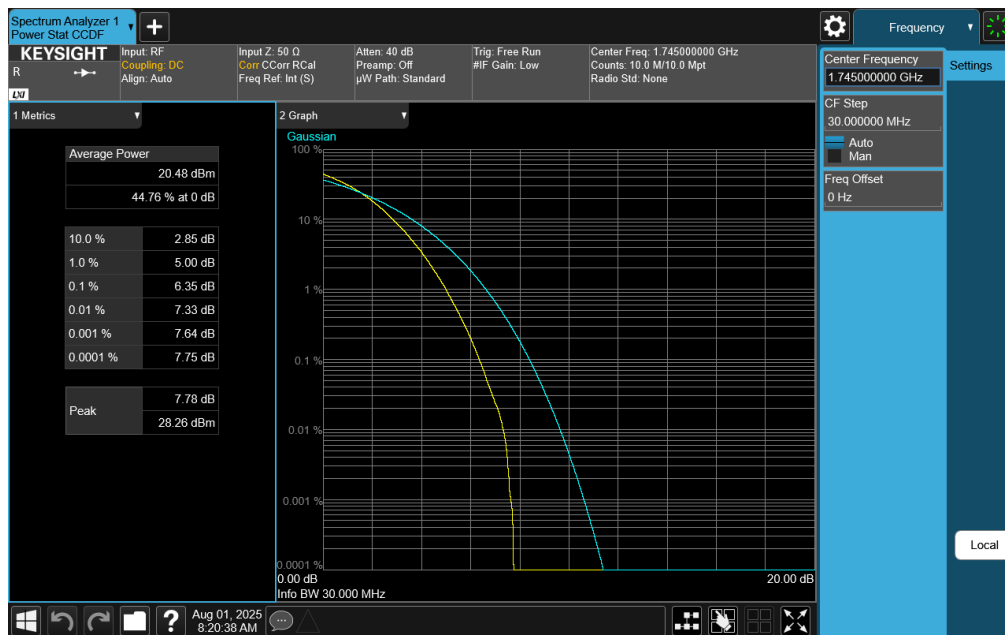
FCC ID: BCGA3460	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 259 of 360

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



Plot 7-459. PAR Plot (NR Band n66 - 30.0MHz DFT-s-OFDM 64-QAM - Full RB)

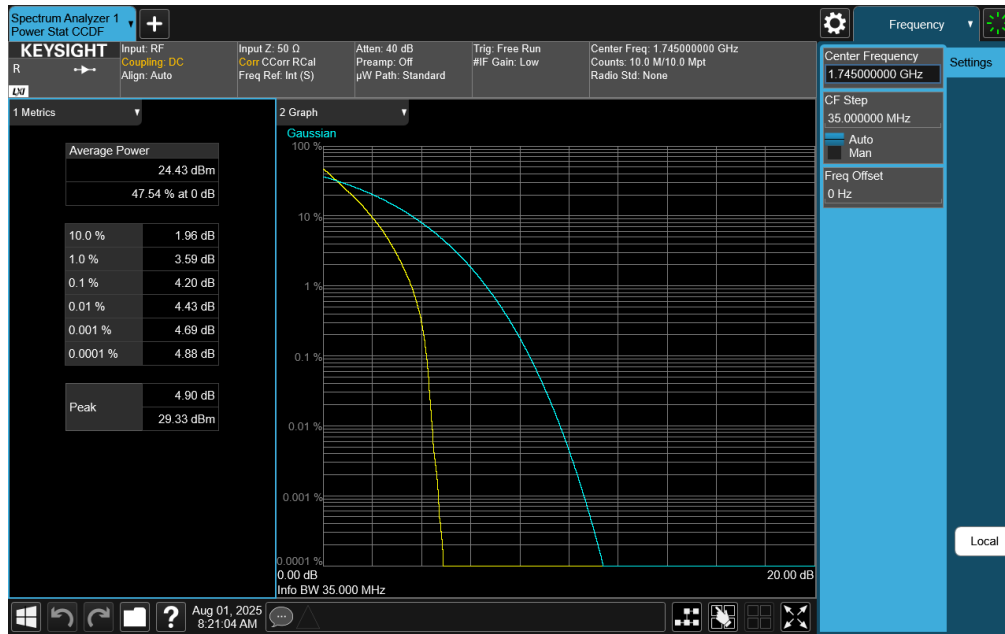


Plot 7-460. PAR Plot (NR Band n66 - 30.0MHz DFT-s-OFDM 256-QAM - Full RB)

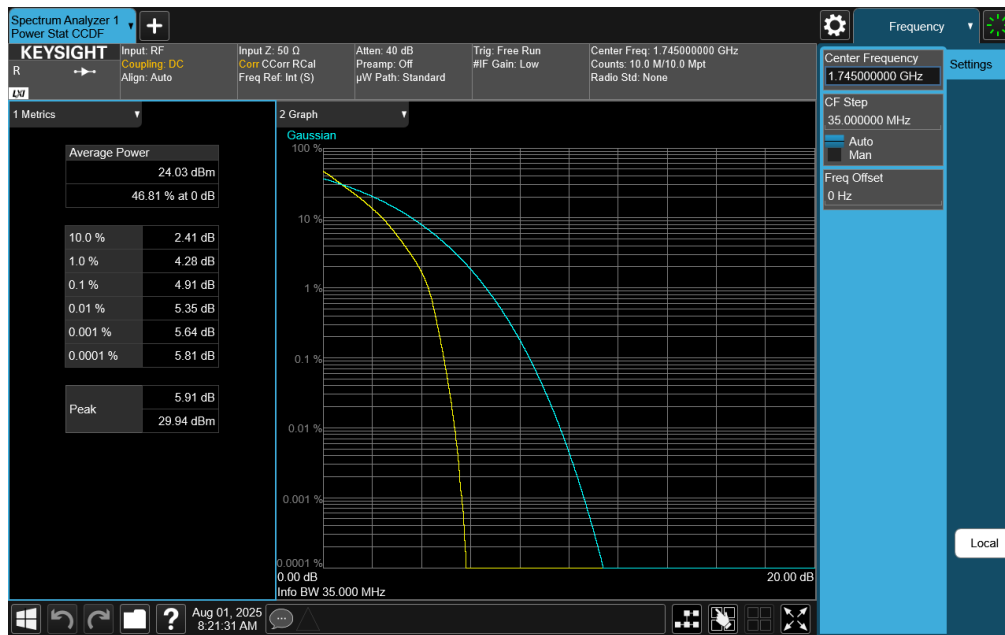
FCC ID: BCGA3460	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 260 of 360

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



Plot 7-461. PAR Plot (NR Band n66 - 35.0MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

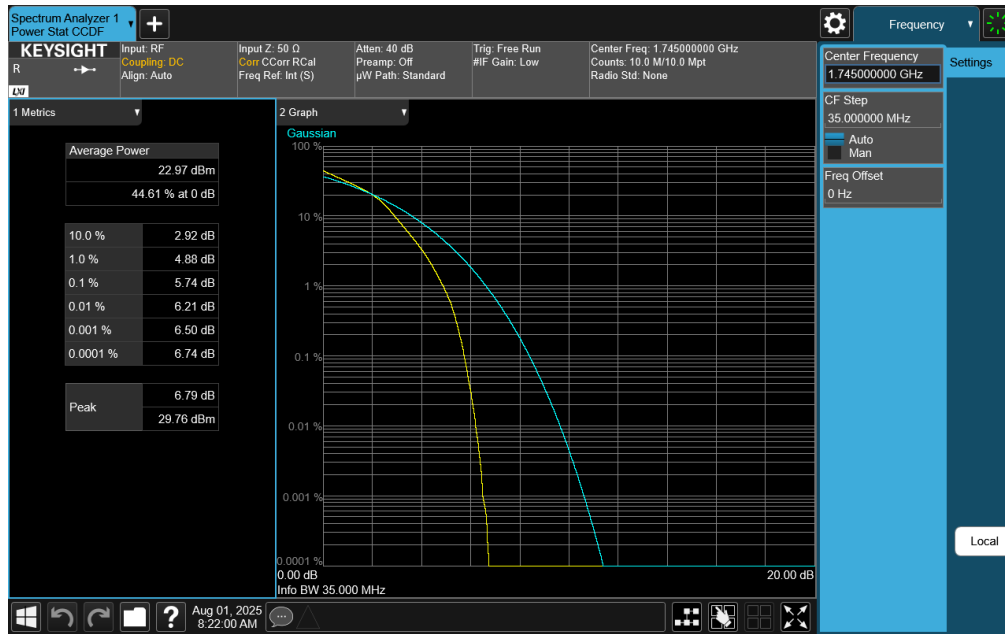


Plot 7-462. PAR Plot (NR Band n66 - 35.0MHz DFT-s-OFDM QPSK - Full RB)

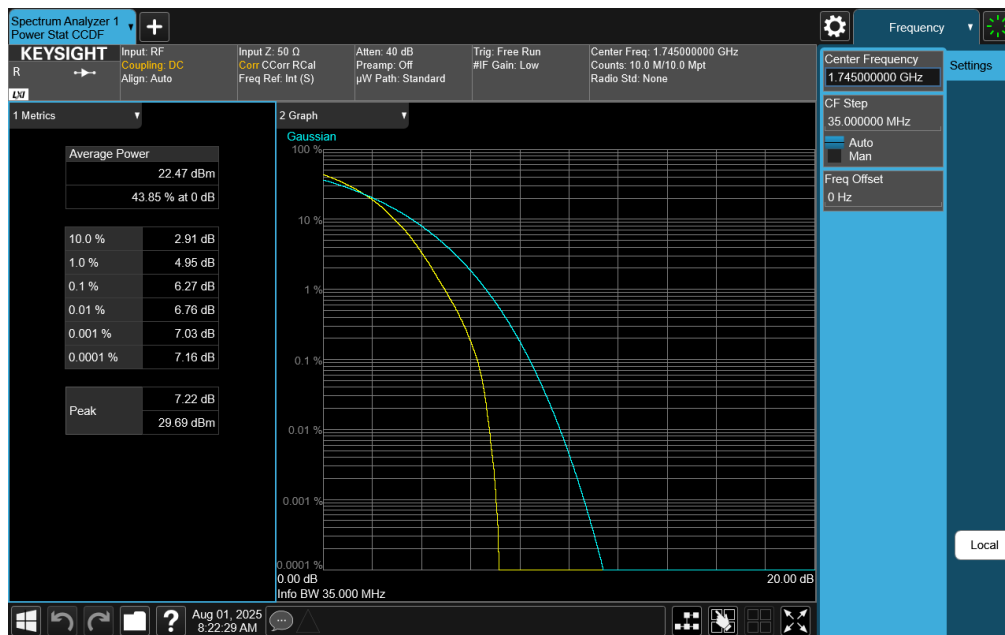
FCC ID: BCGA3460	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 261 of 360

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



Plot 7-463. PAR Plot (NR Band n66 - 35.0MHz DFT-s-OFDM 16-QAM - Full RB)

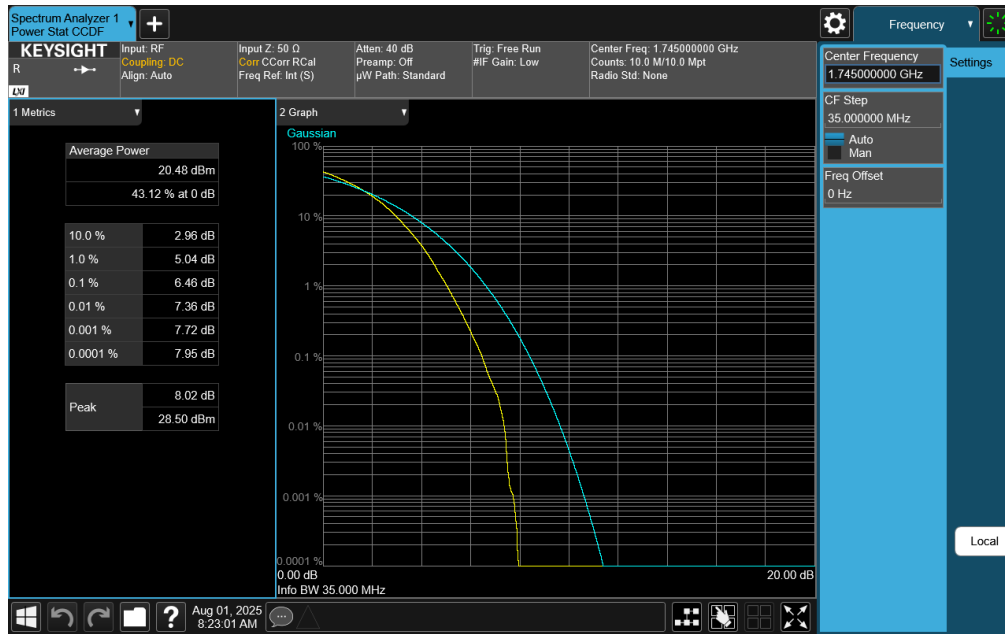


Plot 7-464. PAR Plot (NR Band n66 - 35.0MHz DFT-s-OFDM 64-QAM - Full RB)

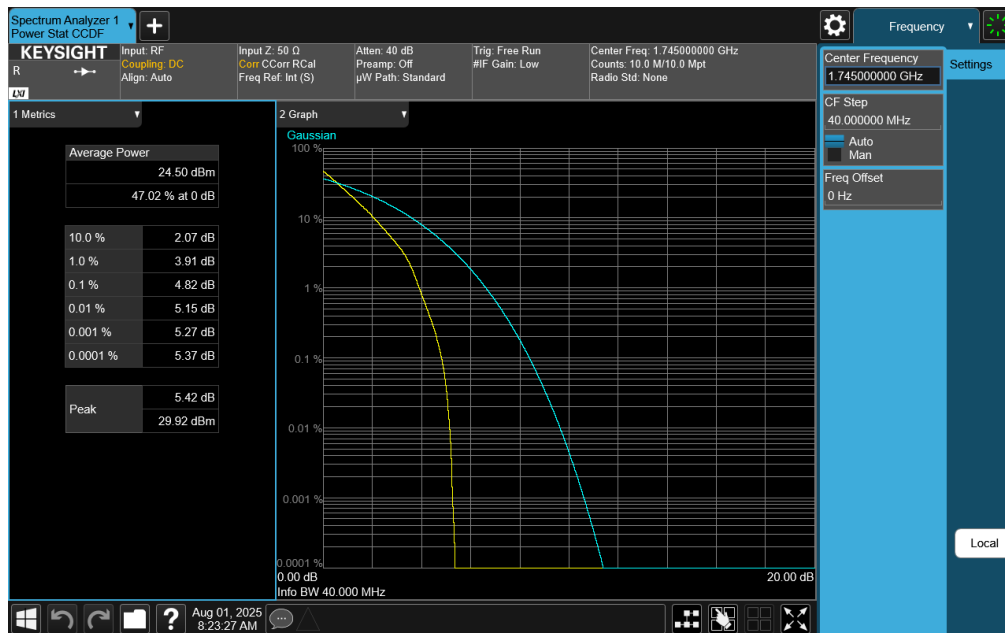
FCC ID: BCGA3460	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 262 of 360

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



Plot 7-465. PAR Plot (NR Band n66 - 35.0MHz DFT-s-OFDM 256-QAM - Full RB)

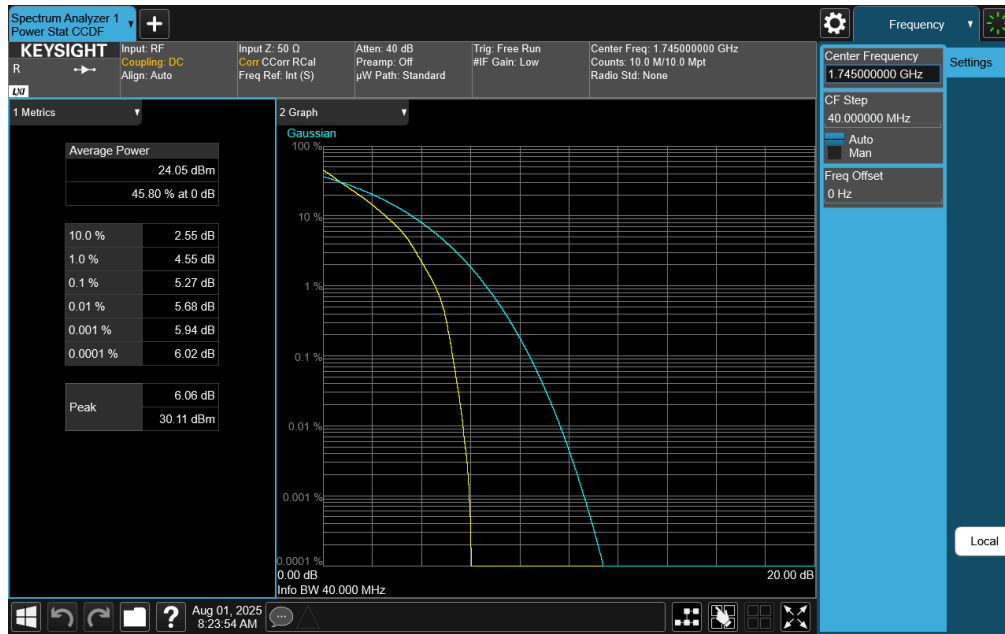


Plot 7-466. PAR Plot (NR Band n66 - 40.0MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

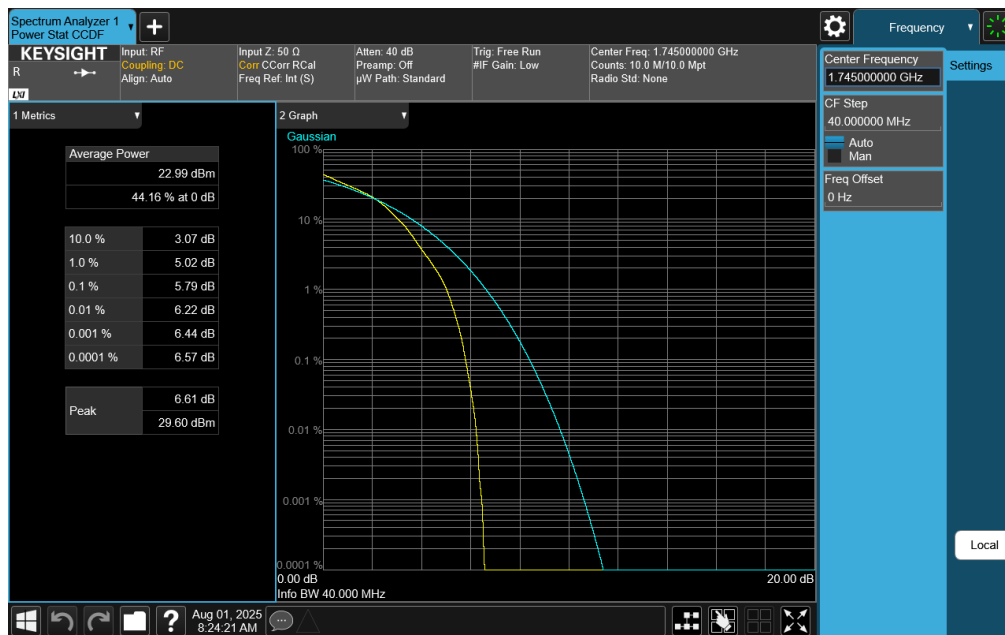
FCC ID: BCGA3460	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 263 of 360

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



Plot 7-467. PAR Plot (NR Band n66 - 40.0MHz DFT-s-OFDM QPSK - Full RB)

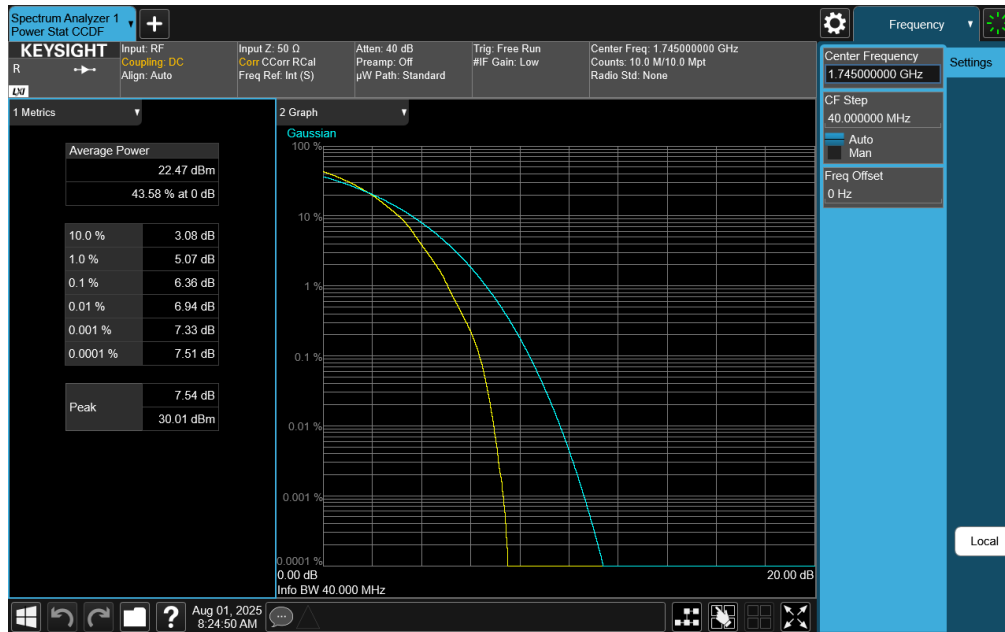


Plot 7-468. PAR Plot (NR Band n66 - 40.0MHz DFT-s-OFDM 16-QAM - Full RB)

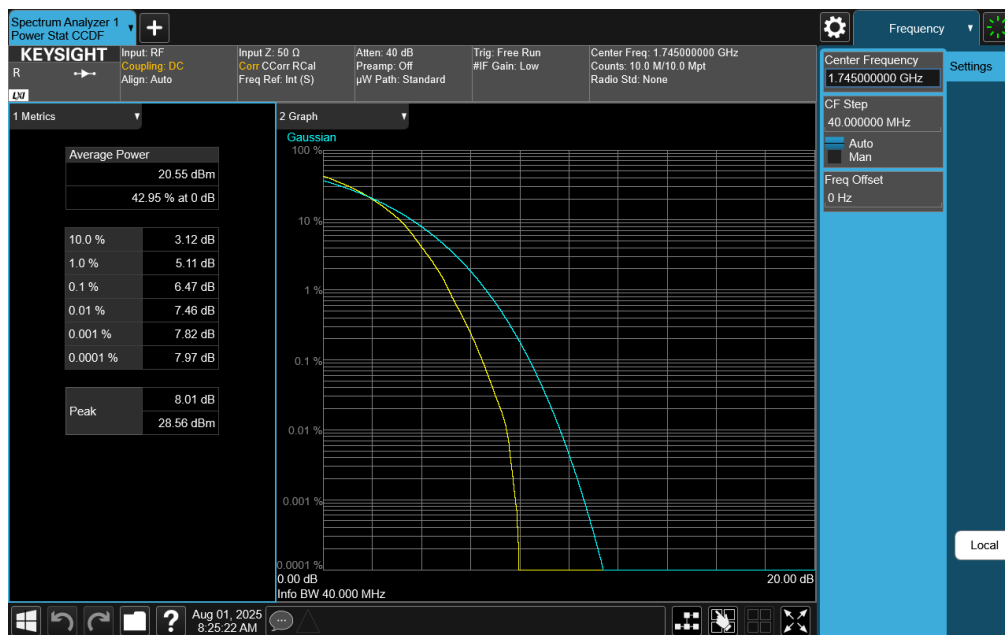
FCC ID: BCGA3460	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 264 of 360

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



Plot 7-469. PAR Plot (NR Band n66 - 40.0MHz DFT-s-OFDM 64-QAM - Full RB)

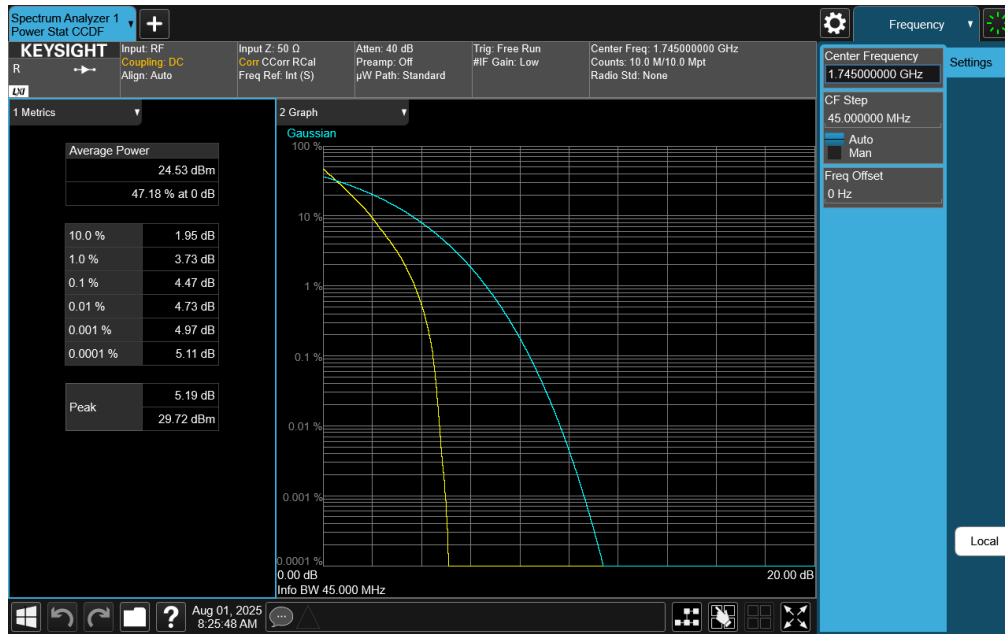


Plot 7-470. PAR Plot (NR Band n66 - 40.0MHz DFT-s-OFDM 256-QAM - Full RB)

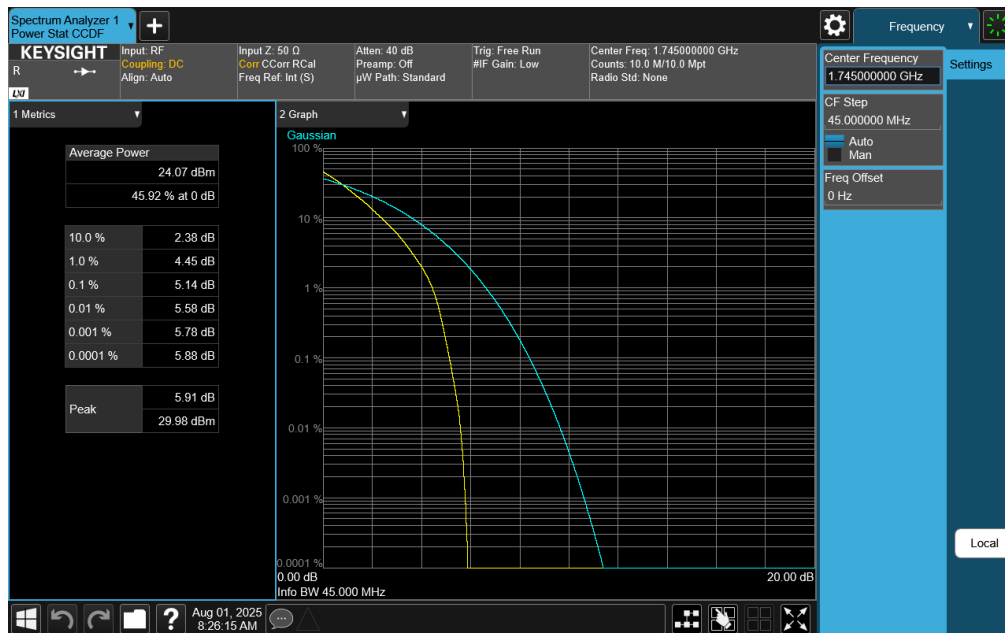
FCC ID: BCGA3460	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 265 of 360

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



Plot 7-471. PAR Plot (NR Band n66 - 45.0MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

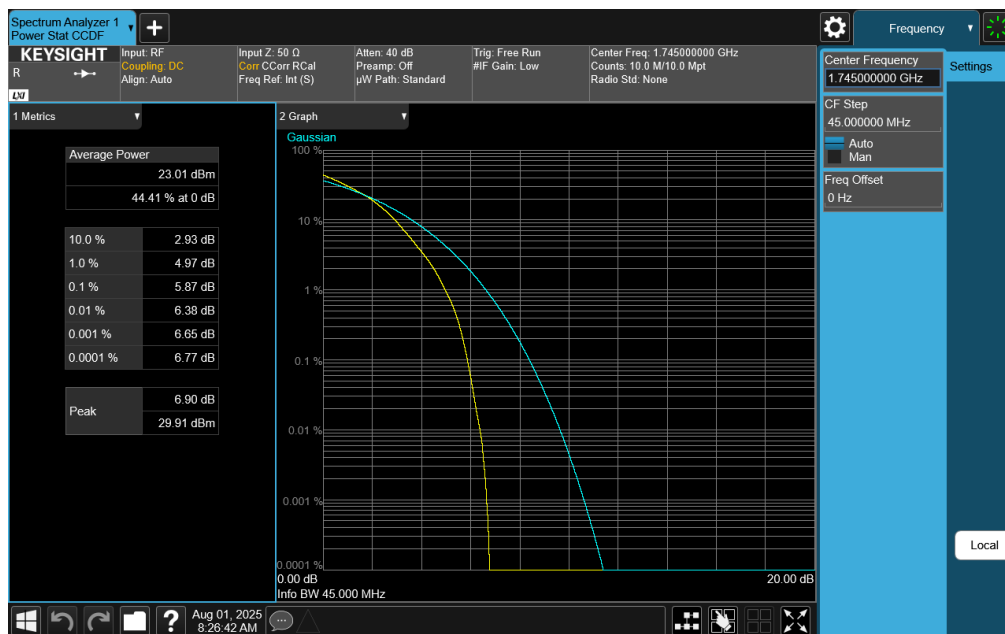


Plot 7-472. PAR Plot (NR Band n66 - 45.0MHz DFT-s-OFDM QPSK - Full RB)

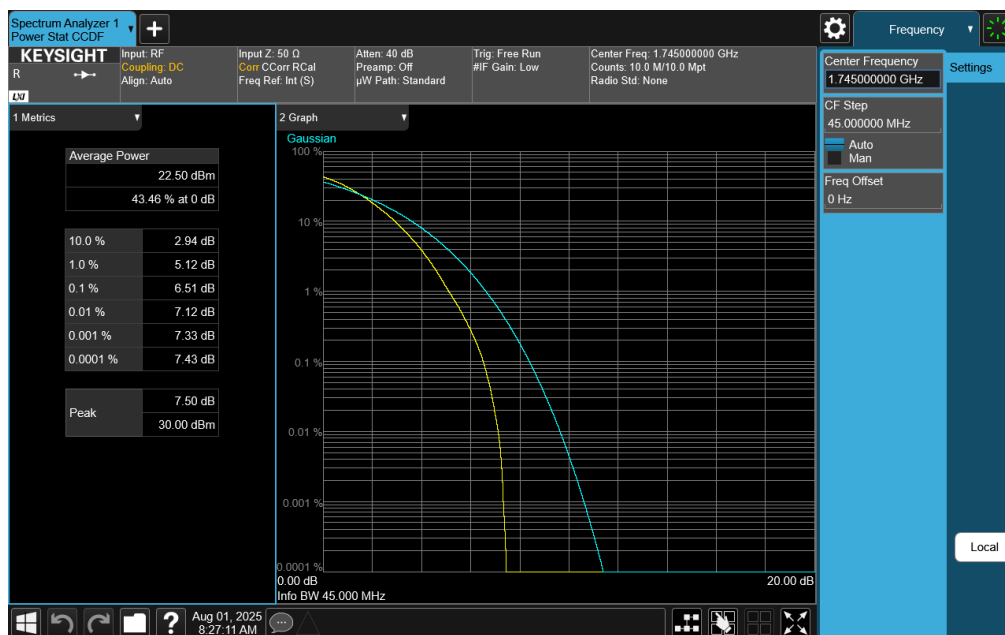
FCC ID: BCGA3460	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 266 of 360

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



Plot 7-473. PAR Plot (NR Band n66 - 45.0MHz DFT-s-OFDM 16-QAM - Full RB)

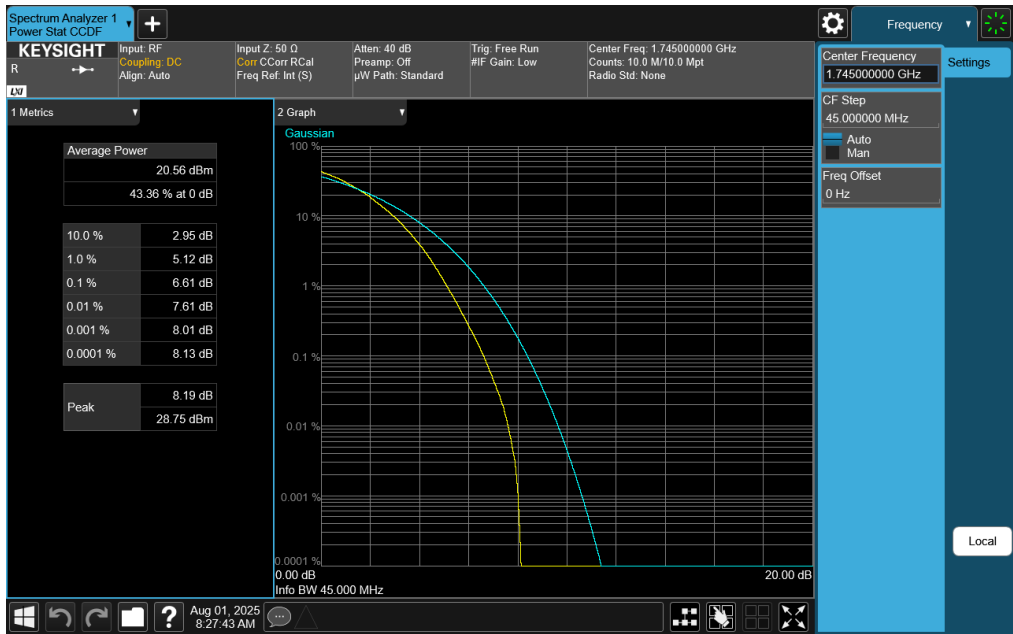


Plot 7-474. PAR Plot (NR Band n66 - 45.0MHz DFT-s-OFDM 64-QAM - Full RB)

FCC ID: BCGA3460	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 267 of 360

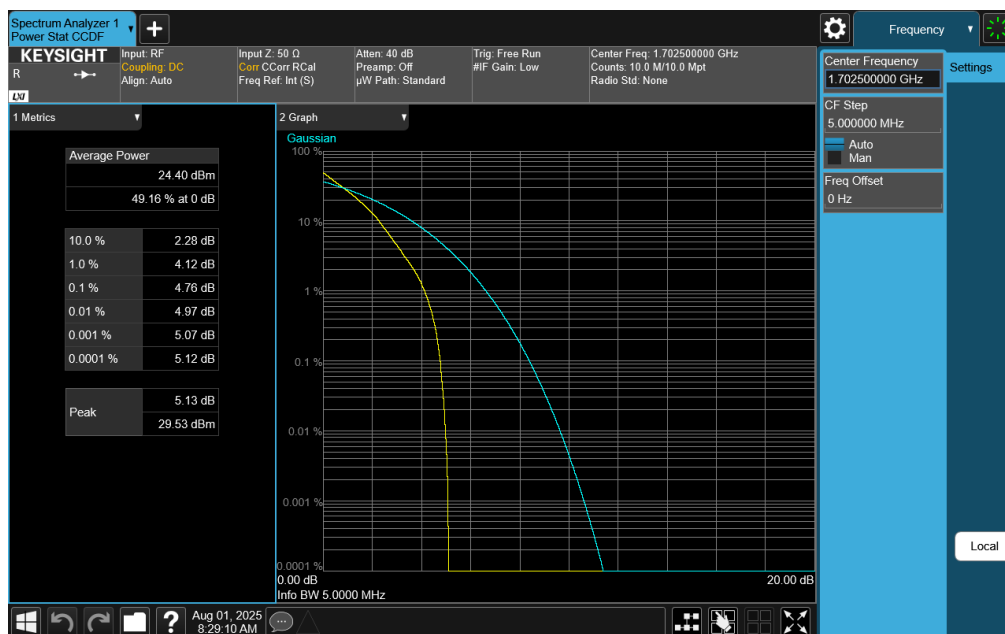
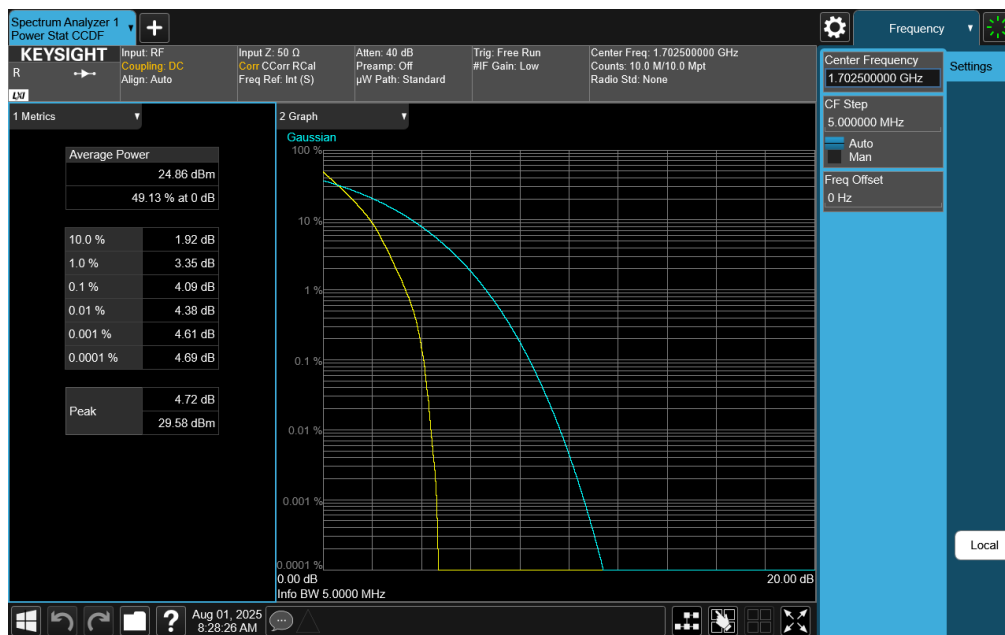
V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

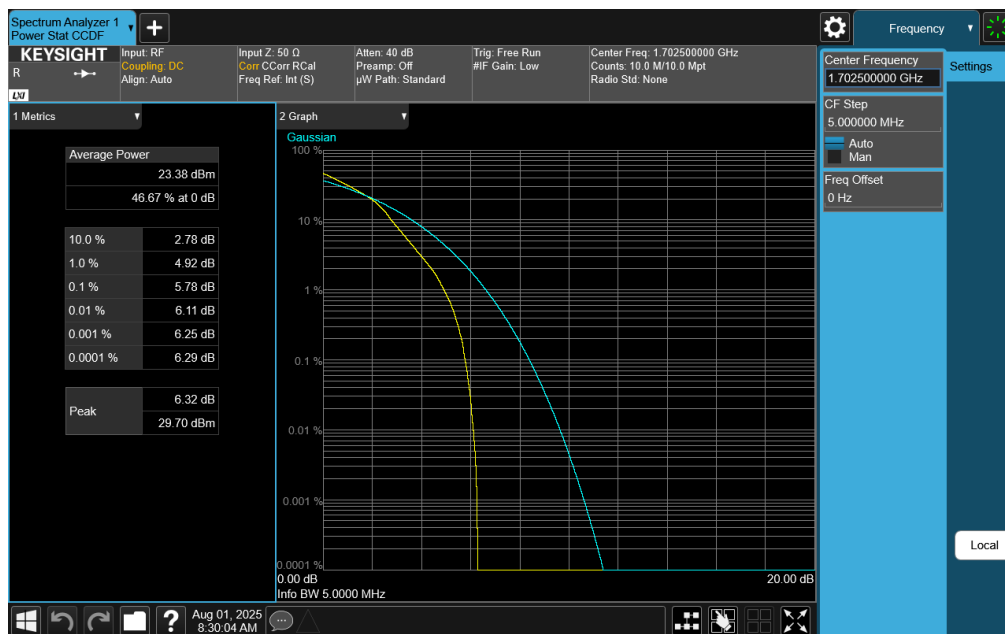


Plot 7-475. PAR Plot (NR Band n66 - 45.0MHz DFT-s-OFDM 256-QAM - Full RB)

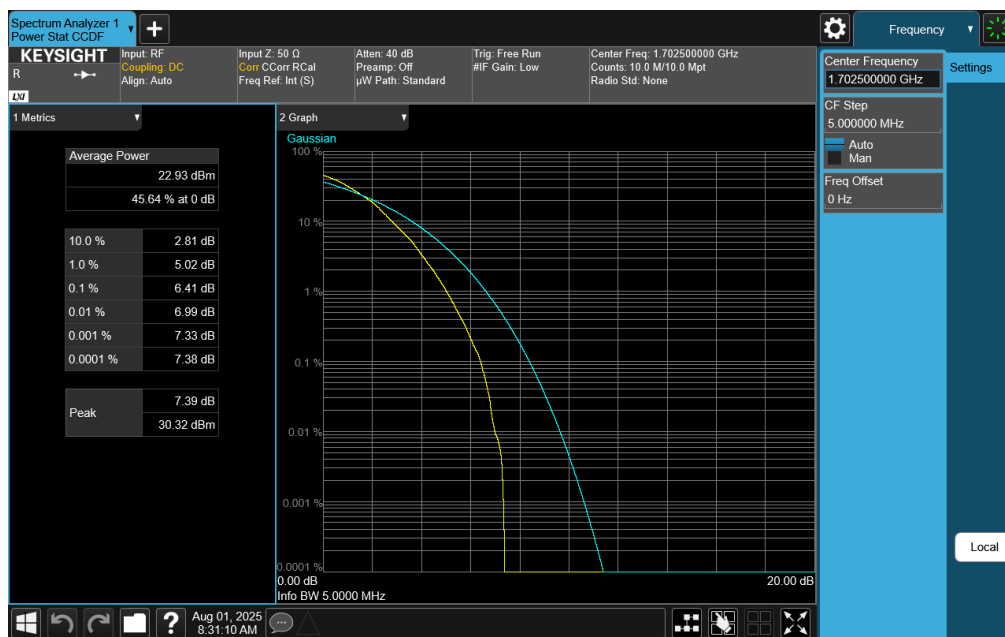
FCC ID: BCGA3460	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 268 of 360



FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 269 of 360



Plot 7-478. PAR Plot (NR Band n70 - 5.0MHz DFT-s-OFDM 16-QAM - Full RB)

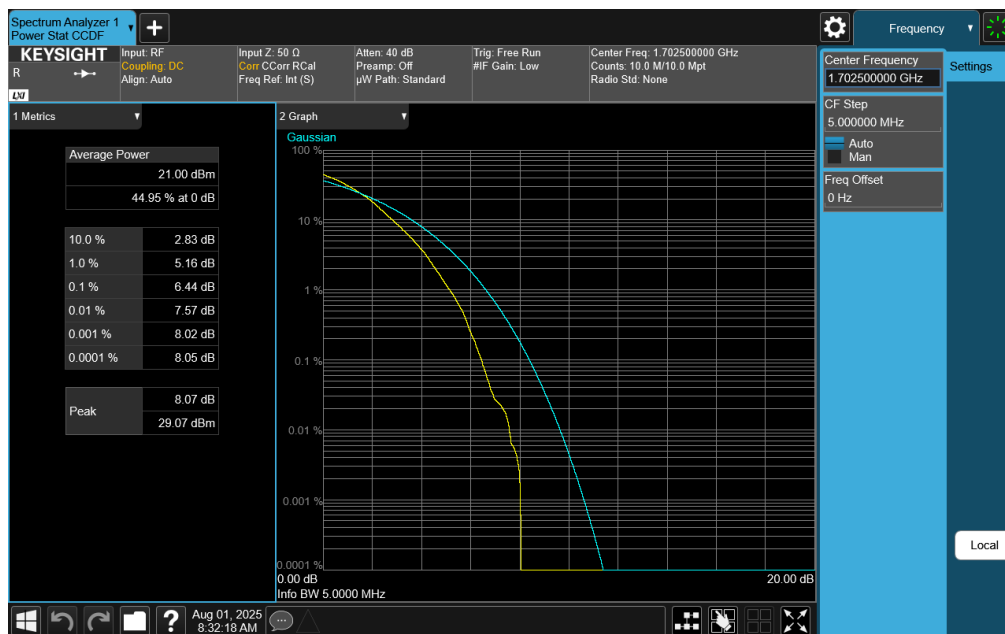


Plot 7-479. PAR Plot (NR Band n70 - 5.0MHz DFT-s-OFDM 64-QAM - Full RB)

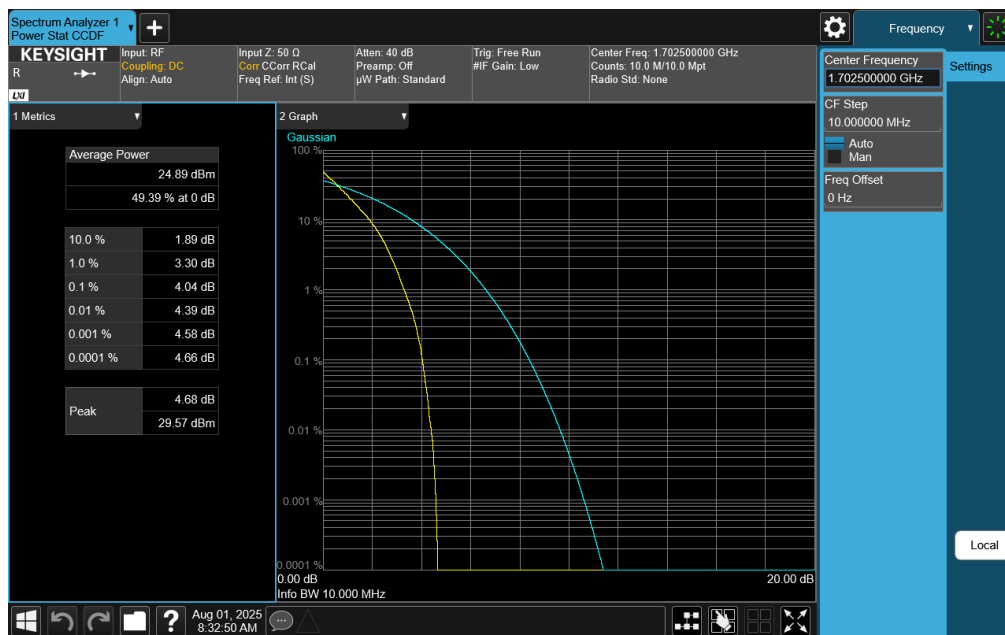
FCC ID: BCGA3460	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 270 of 360

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



Plot 7-480. PAR Plot (NR Band n70 - 5.0MHz DFT-s-OFDM 256-QAM - Full RB)



Plot 7-481. PAR Plot (NR Band n70 - 10.0MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

FCC ID: BCGA3460	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 271 of 360

V2.2 09/07/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.