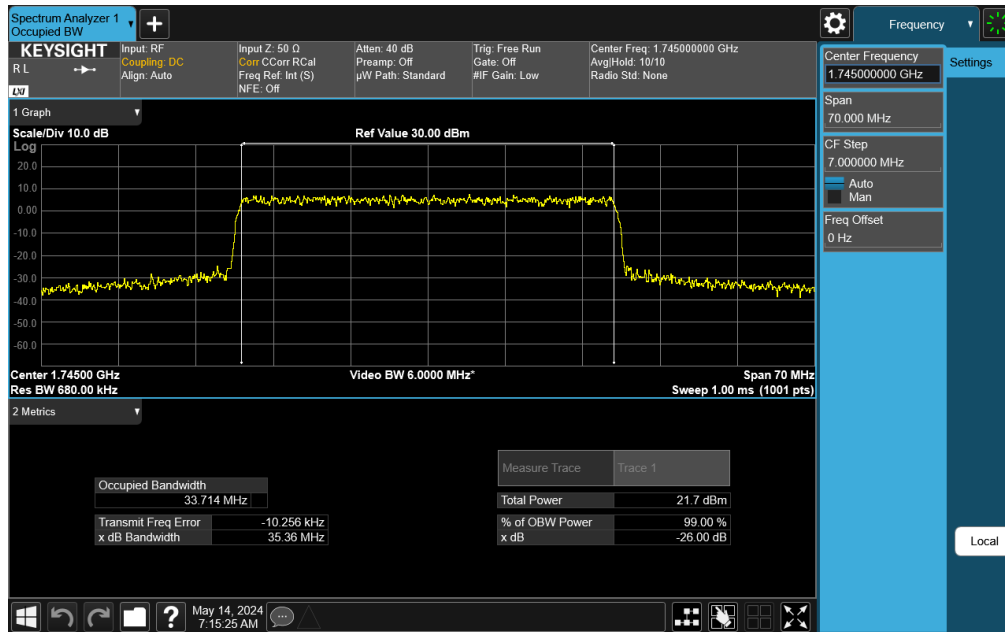
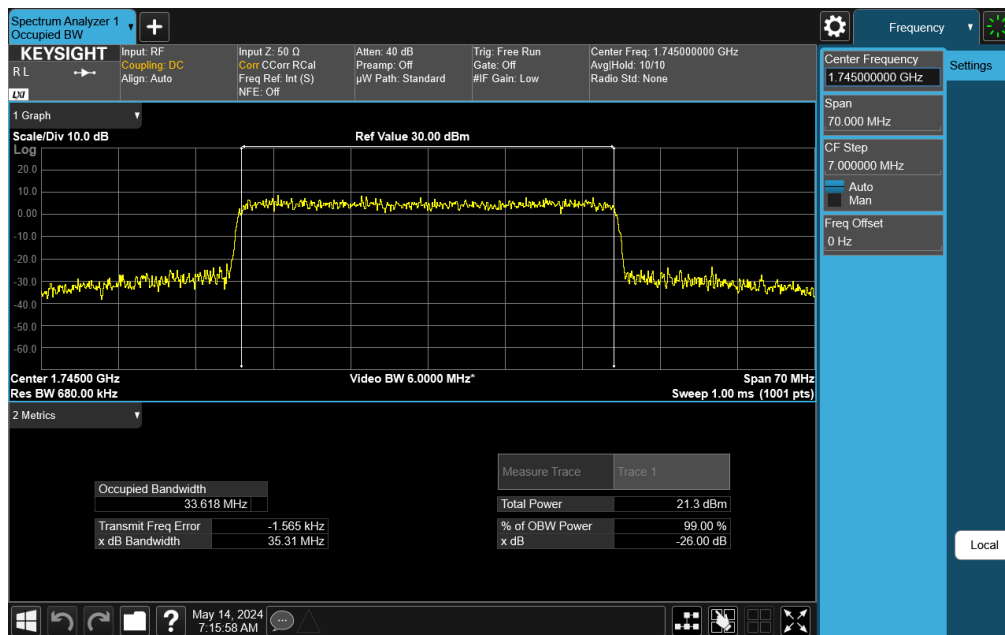




Plot 7-97. Occupied Bandwidth Plot (NR Band n66 - 35MHz CP-OFDM 16QAM - Full RB)

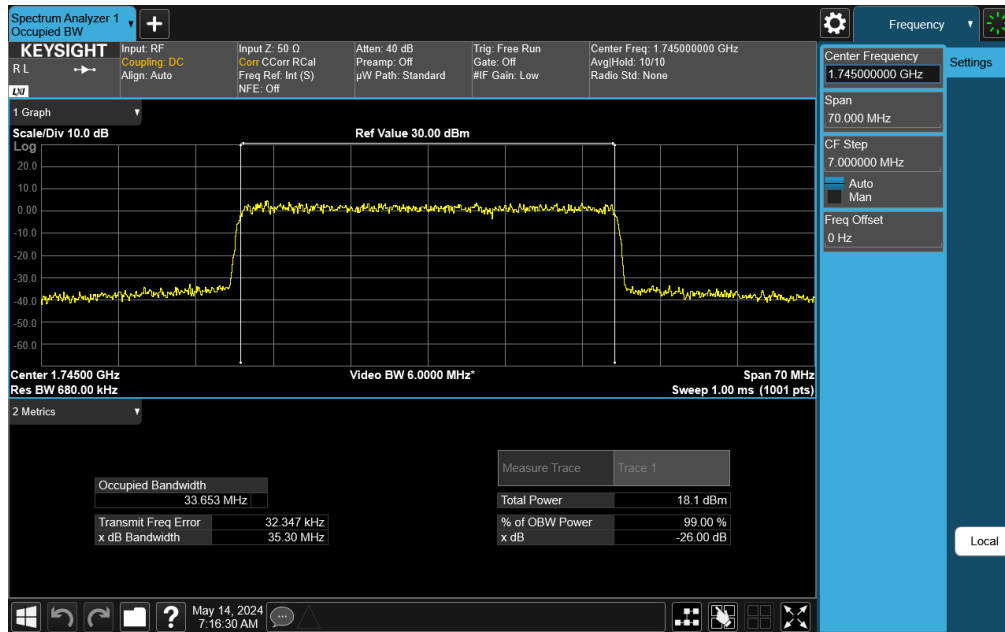


Plot 7-98. Occupied Bandwidth Plot (NR Band n66 - 35MHz CP-OFDM 64QAM - Full RB)

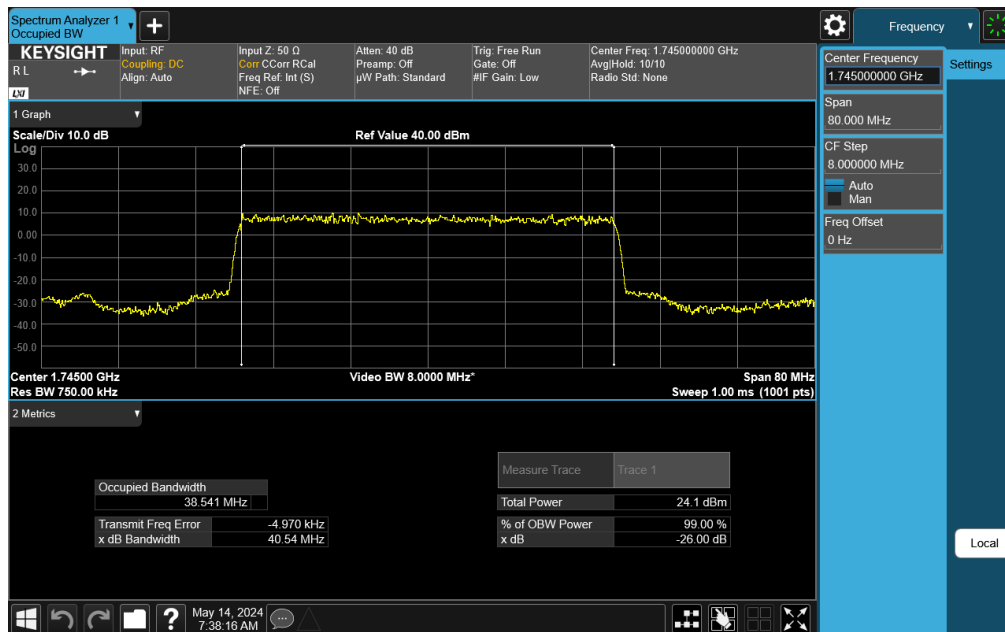
FCC ID: BCGA2995	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 67 of 351

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 7-99. Occupied Bandwidth Plot (NR Band n66 - 35MHz CP-OFDM 256QAM - Full RB)

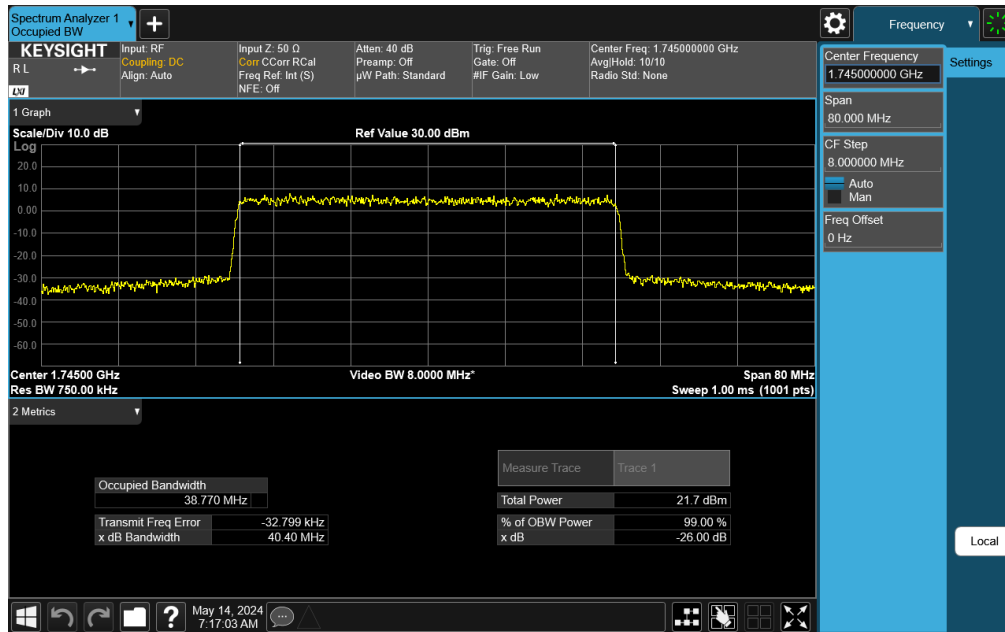


Plot 7-100. Occupied Bandwidth Plot (NR Band n66 - 40MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

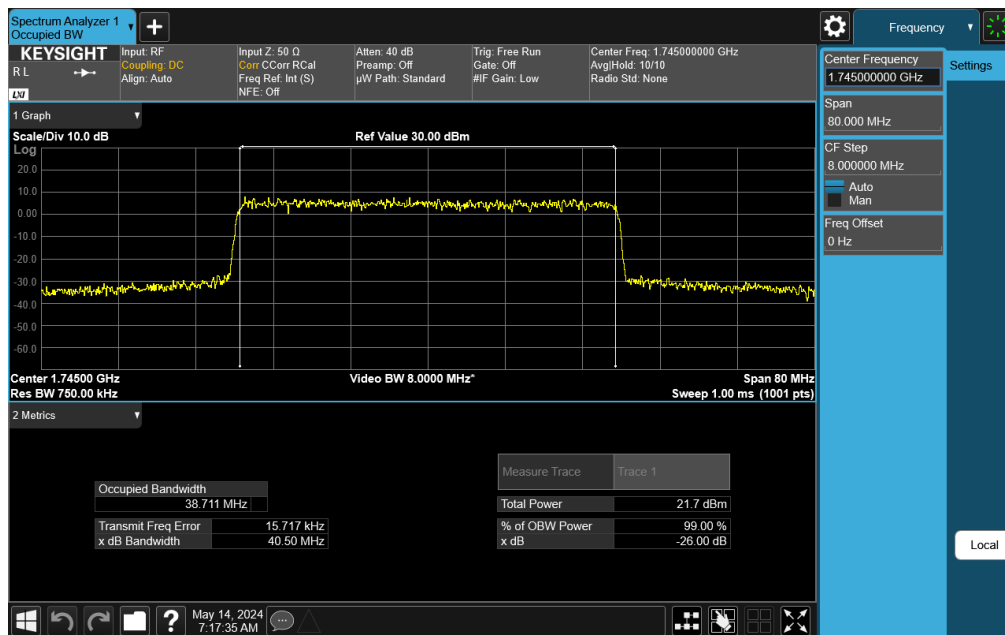
FCC ID: BCGA2995	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 68 of 351

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 7-101. Occupied Bandwidth Plot (NR Band n66 - 40MHz CP-OFDM QPSK - Full RB)

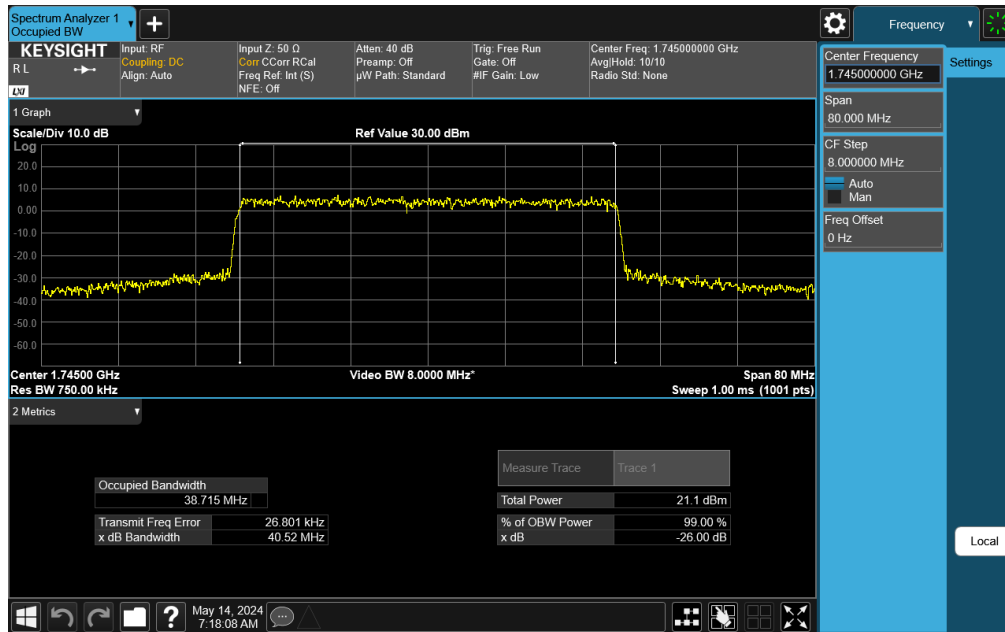


Plot 7-102. Occupied Bandwidth Plot (NR Band n66 - 40MHz CP-OFDM 16QAM - Full RB)

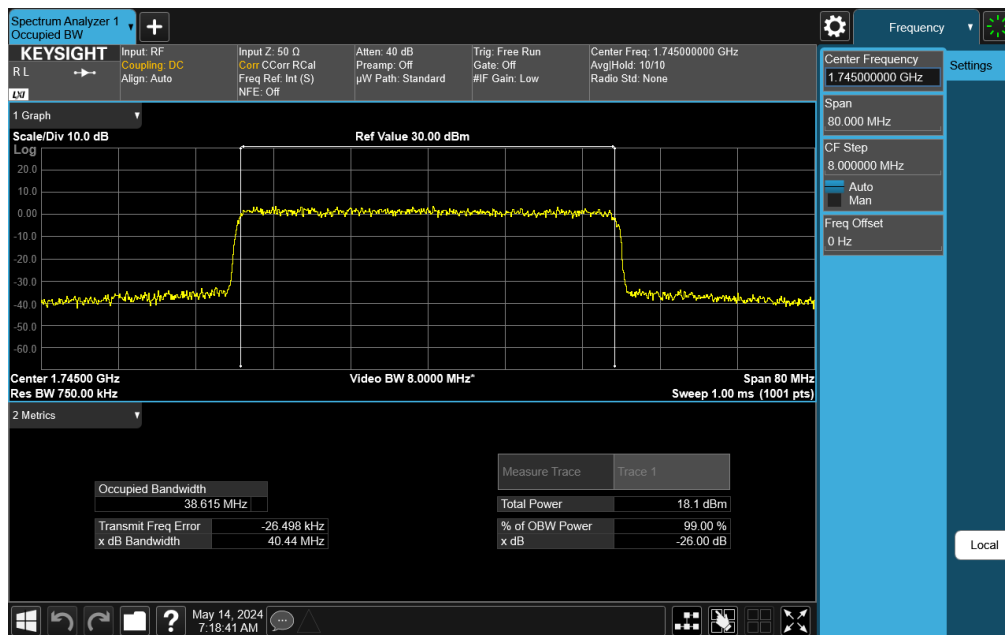
FCC ID: BCGA2995	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 69 of 351

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.

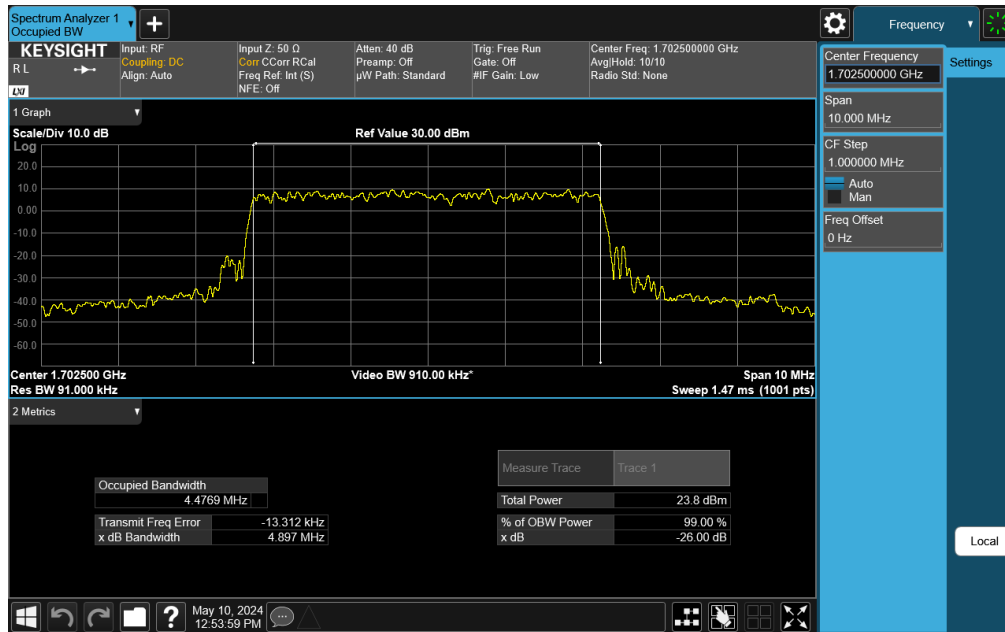


Plot 7-103. Occupied Bandwidth Plot (NR Band n66 - 40MHz CP-OFDM 64QAM - Full RB)

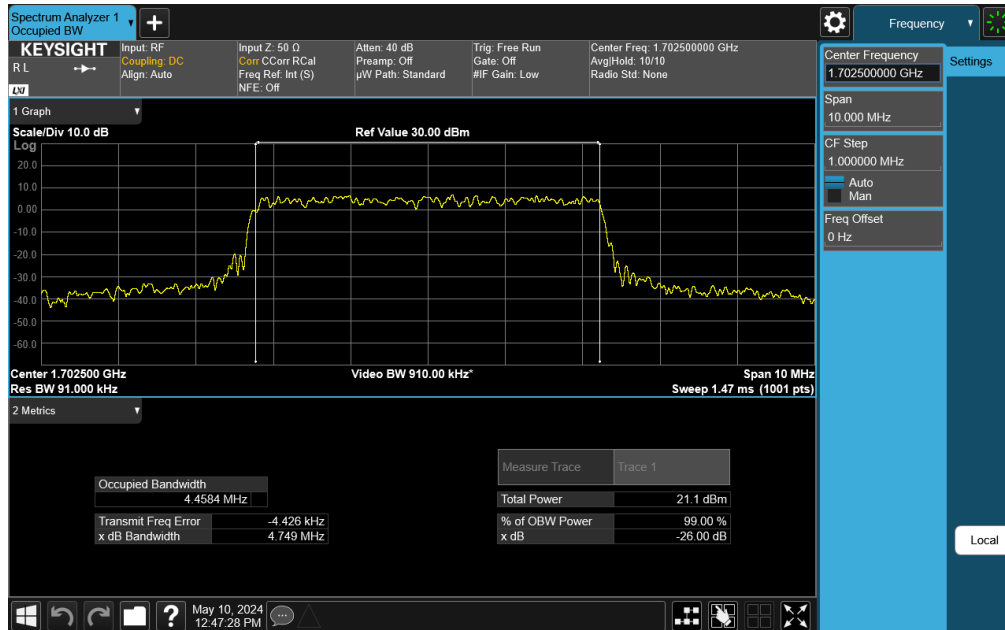


Plot 7-104. Occupied Bandwidth Plot (NR Band n66 - 40MHz CP-OFDM 256QAM - Full RB)

FCC ID: BCGA2995	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 70 of 351

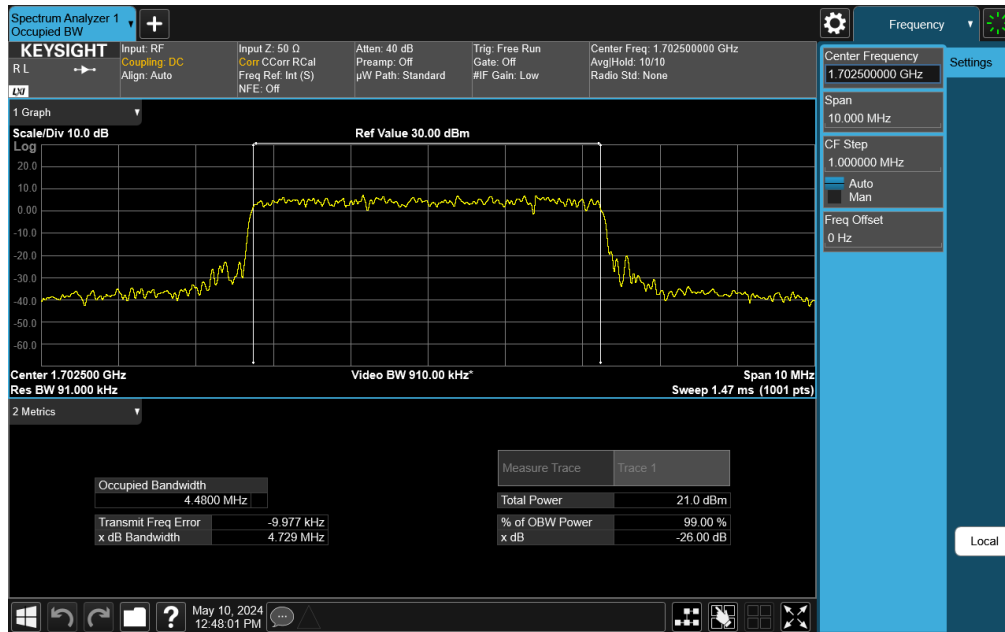


Plot 7-105. Occupied Bandwidth Plot (NR Band n70 - 5MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

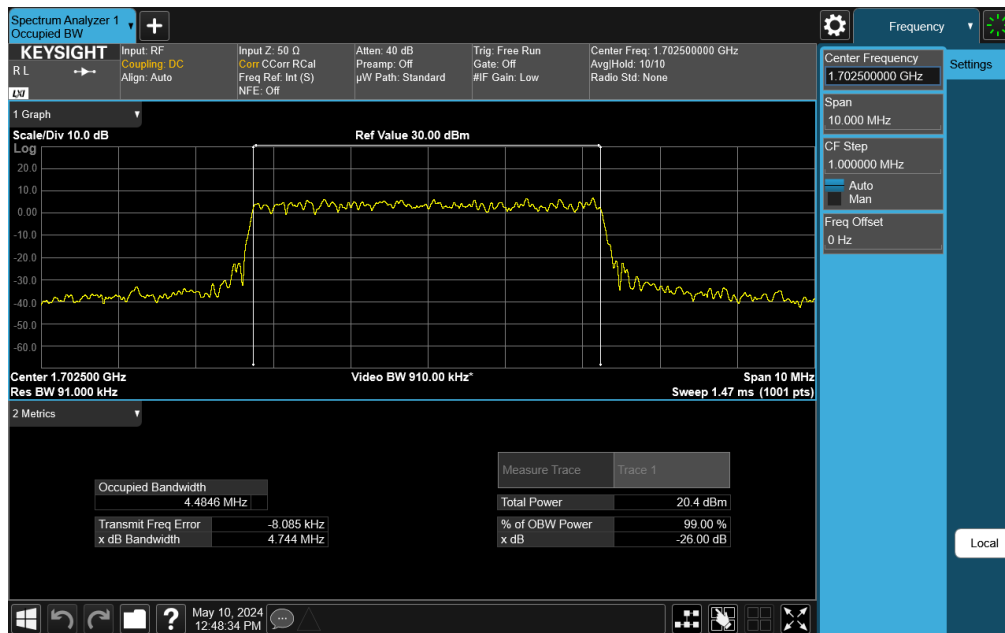


Plot 7-106. Occupied Bandwidth Plot (NR Band n70 - 5MHz CP-OFDM QPSK - Full RB)

FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 71 of 351



Plot 7-107. Occupied Bandwidth Plot (NR Band n70 - 5MHz CP-OFDM 16-QAM - Full RB)

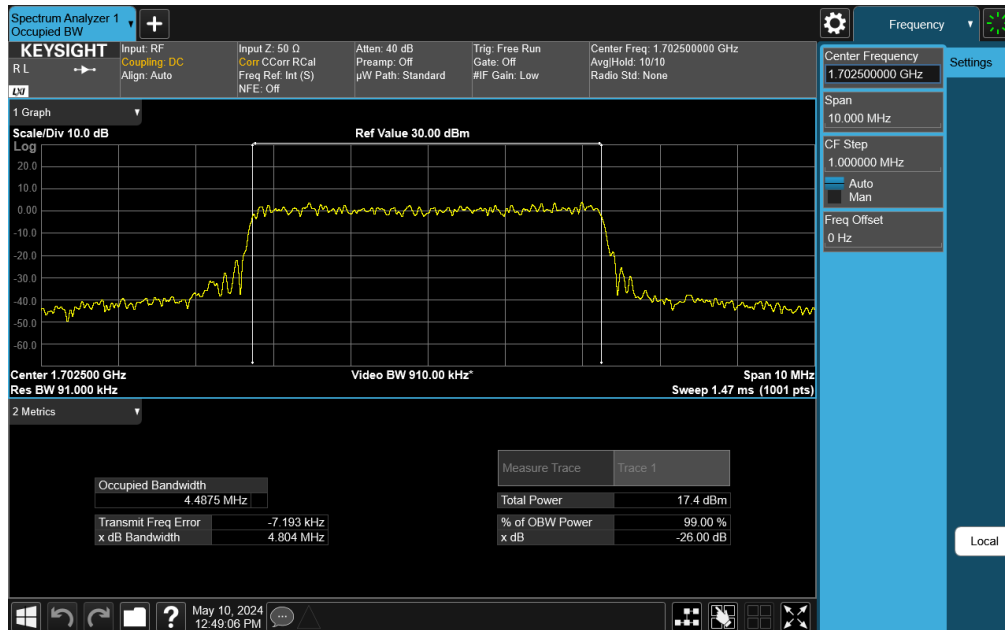


Plot 7-108. Occupied Bandwidth Plot (NR Band n70 - 5MHz CP-OFDM 64-QAM - Full RB)

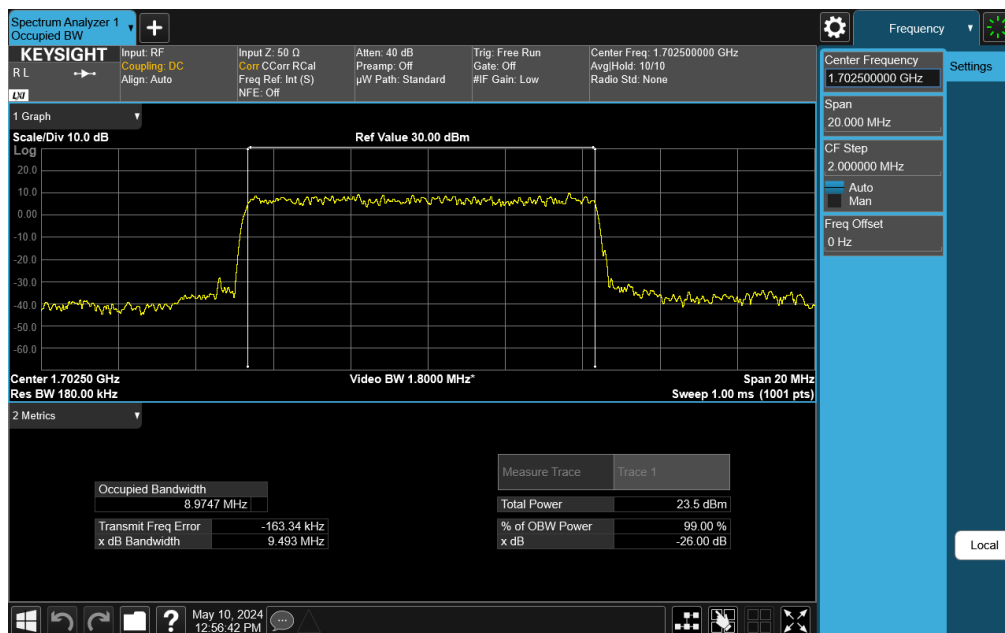
FCC ID: BCGA2995	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 72 of 351

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 7-109. Occupied Bandwidth Plot (NR Band n70 - 5MHz CP-OFDM 256-QAM - Full RB)

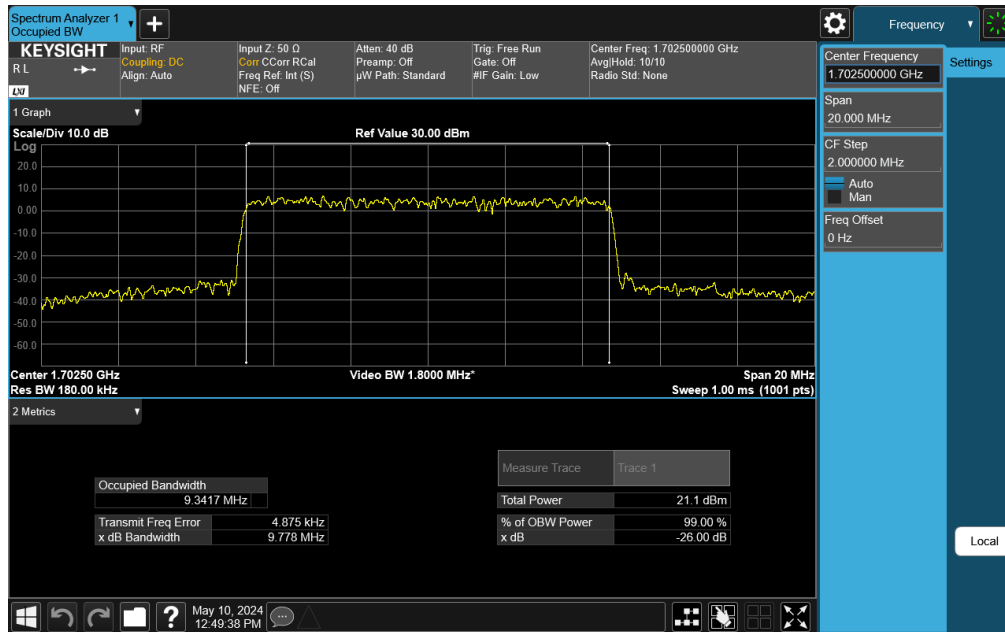


Plot 7-110. Occupied Bandwidth Plot (NR Band n70 - 10MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

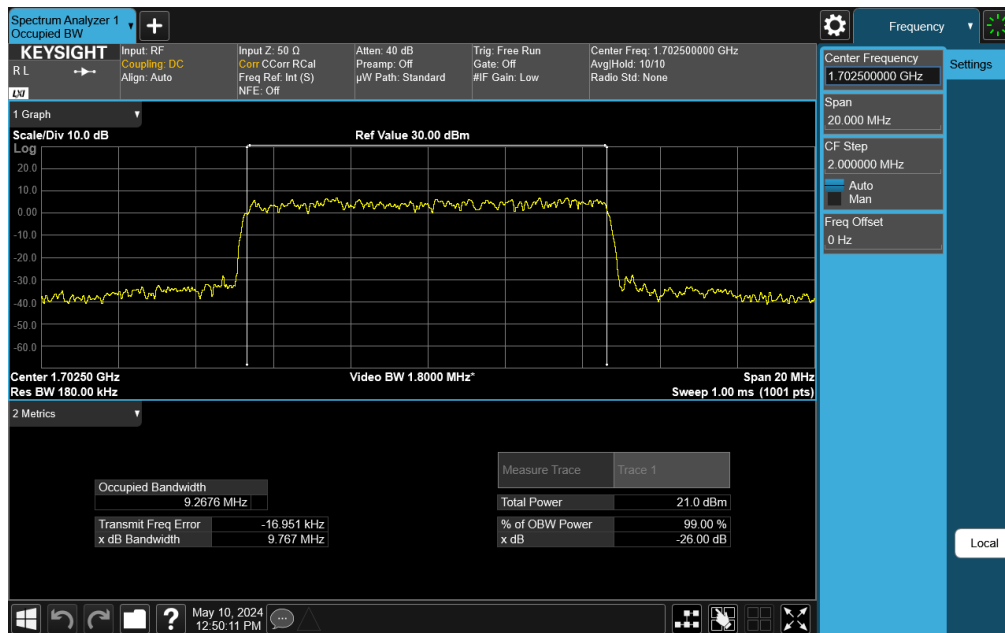
FCC ID: BCGA2995	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 73 of 351

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 7-111. Occupied Bandwidth Plot (NR Band n70 - 10MHz CP-OFDM QPSK - Full RB)

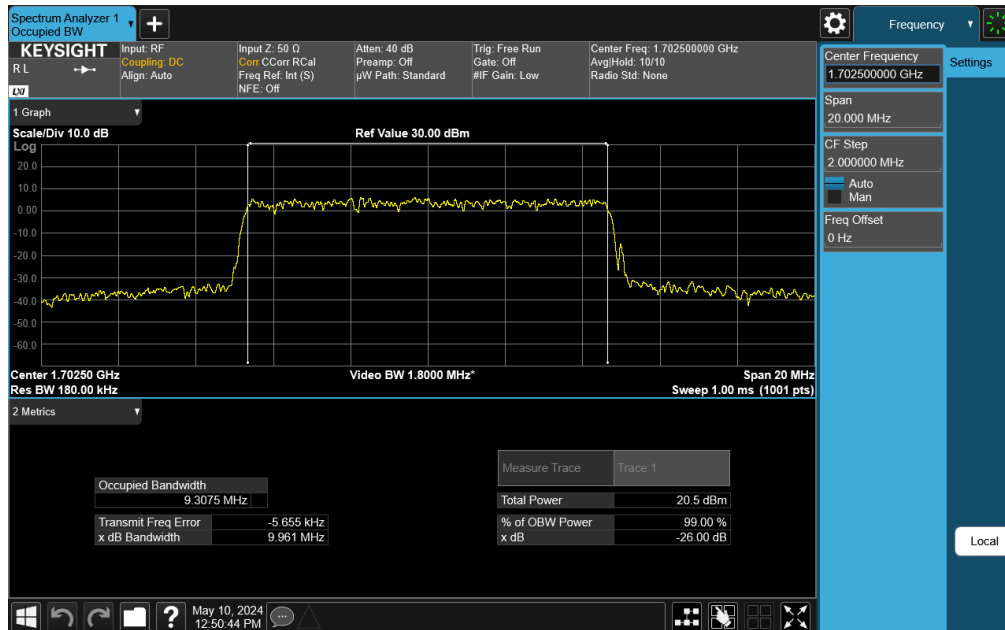


Plot 7-112. Occupied Bandwidth Plot (NR Band n70 - 10MHz CP-OFDM 16-QAM - Full RB)

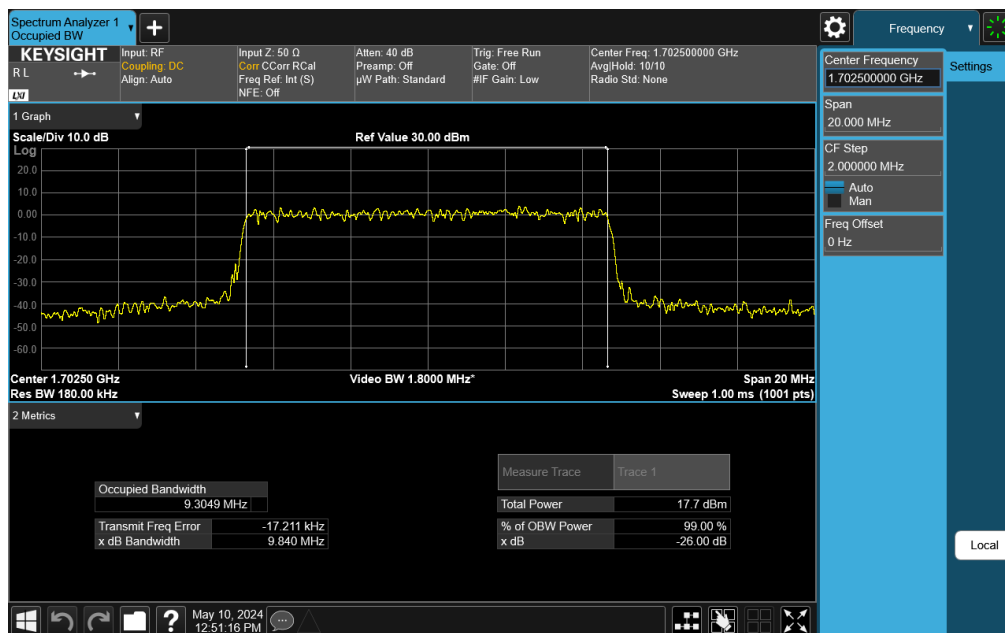
FCC ID: BCGA2995	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 74 of 351

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 7-113. Occupied Bandwidth Plot (NR Band n70 - 10MHz CP-OFDM 64-QAM - Full RB)

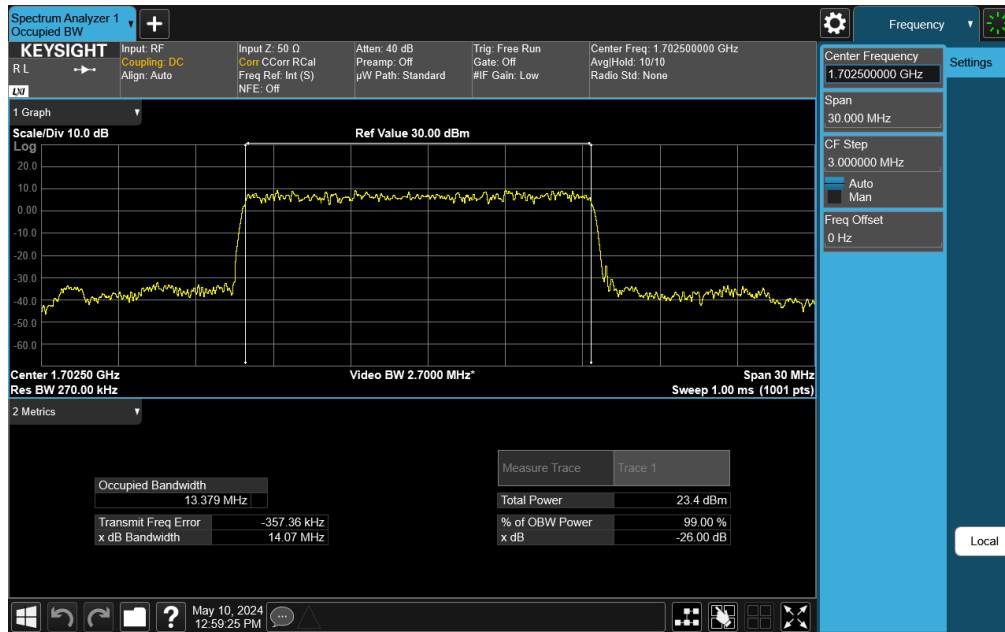


Plot 7-114. Occupied Bandwidth Plot (NR Band n70 - 10MHz CP-OFDM 256-QAM - Full RB)

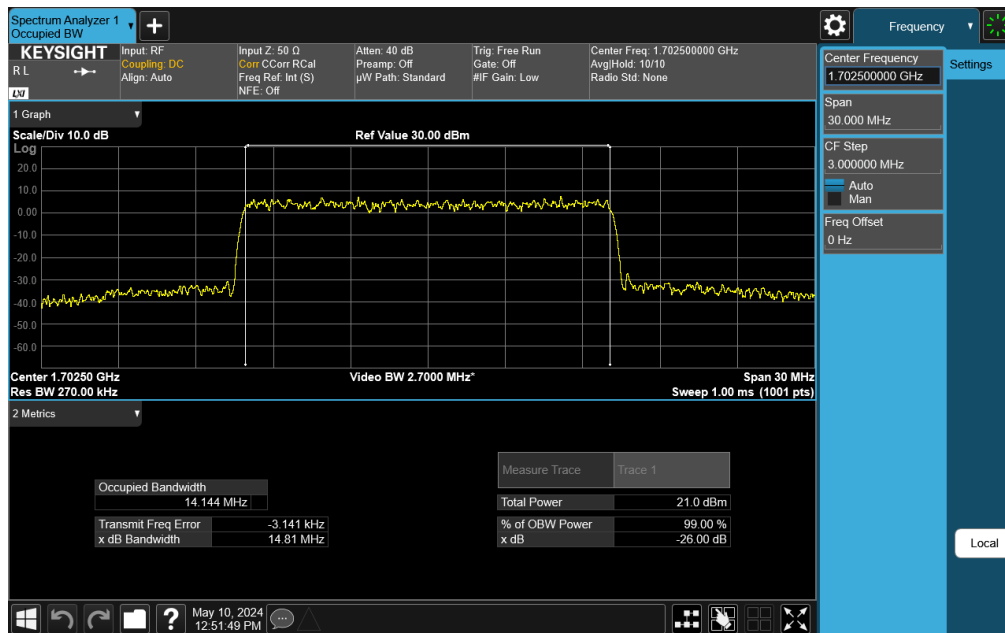
FCC ID: BCGA2995	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 75 of 351

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 7-115. Occupied Bandwidth Plot (NR Band n70 - 15MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

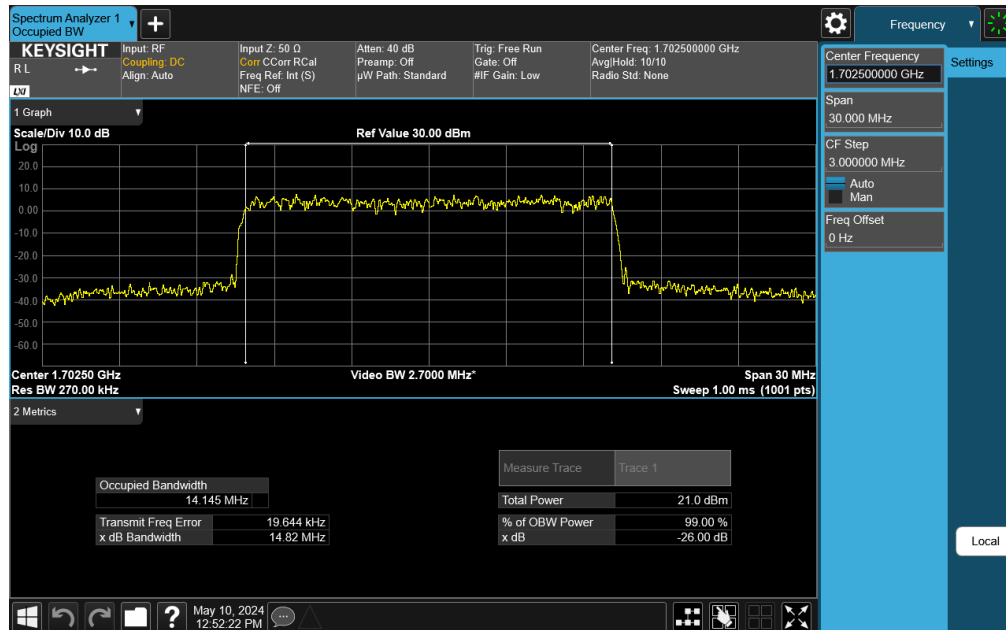


Plot 7-116. Occupied Bandwidth Plot (NR Band n70 - 15MHz CP-OFDM QPSK - Full RB)

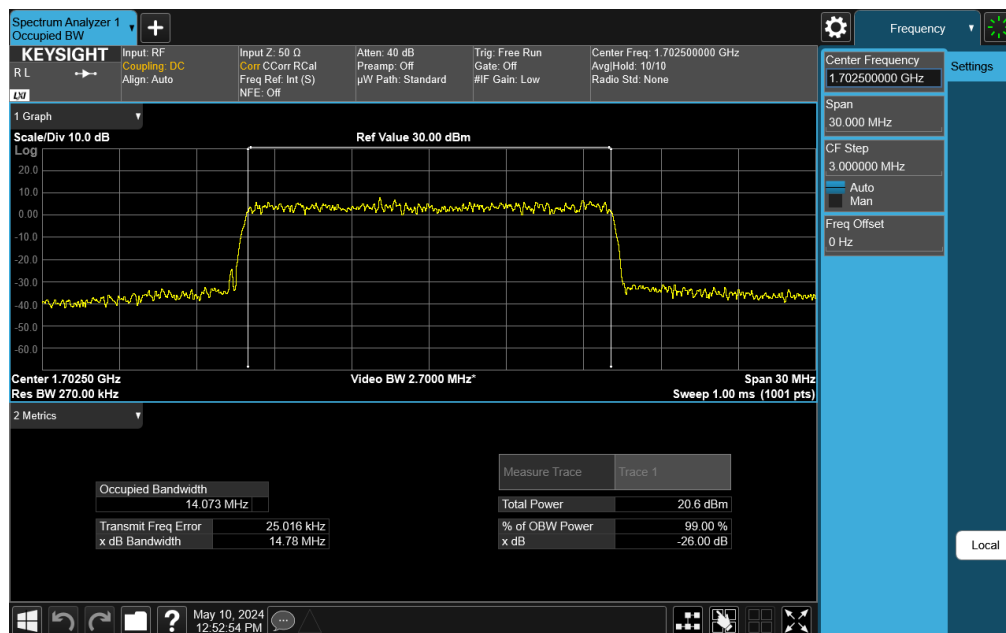
FCC ID: BCGA2995	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 76 of 351

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.

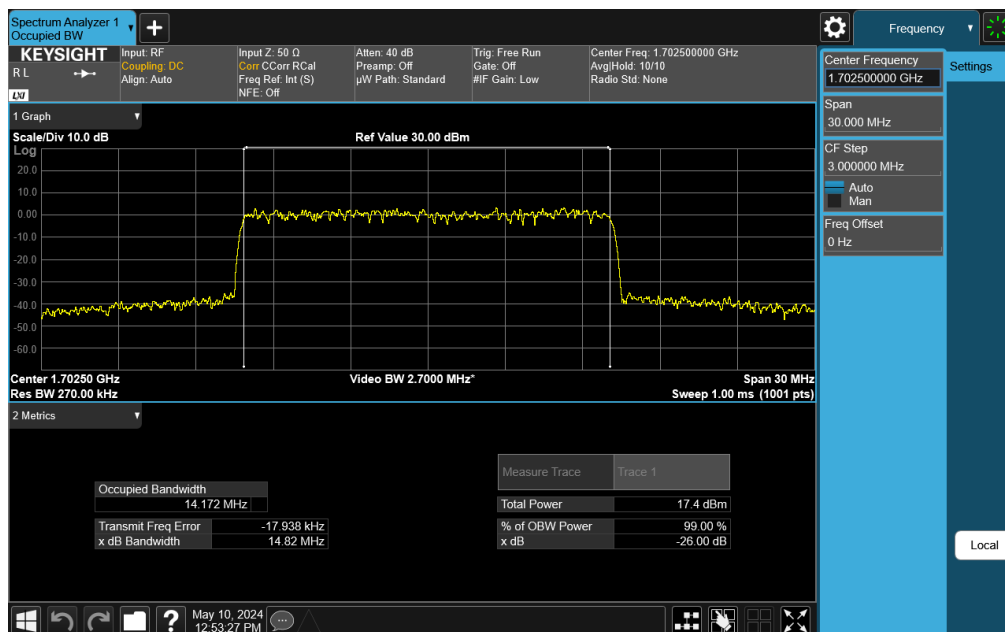


Plot 7-117. Occupied Bandwidth Plot (NR Band n70 - 15MHz CP-OFDM 16-QAM - Full RB)



Plot 7-118. Occupied Bandwidth Plot (NR Band n70 - 15MHz CP-OFDM 64-QAM - Full RB)

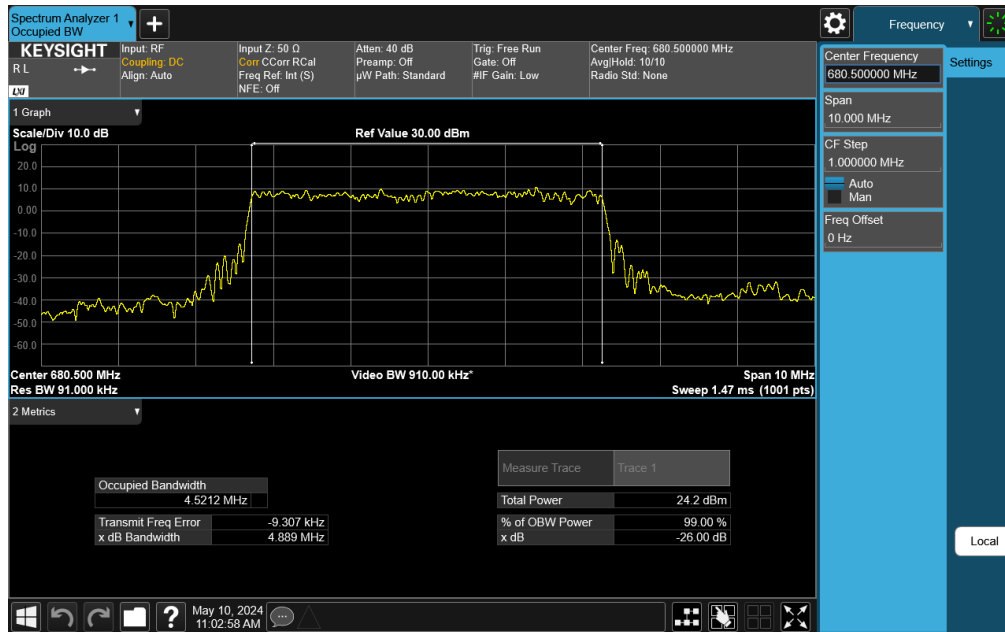
FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 77 of 351



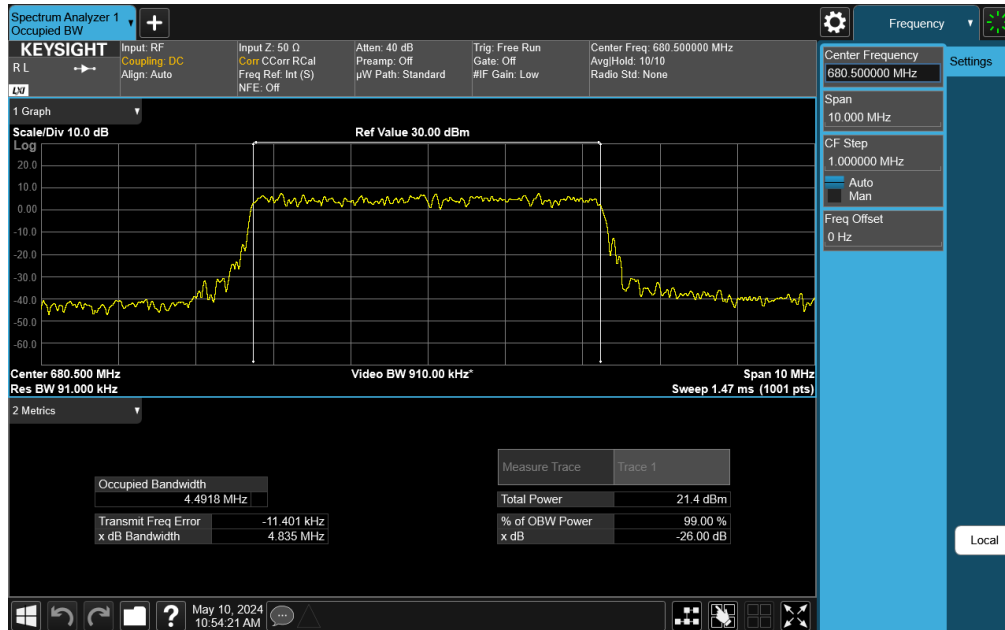
Plot 7-119. Occupied Bandwidth Plot (NR Band n70 - 15MHz CP-OFDM 256-QAM - Full RB)

FCC ID: BCGA2995	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 78 of 351

V2.2 09/07/2023

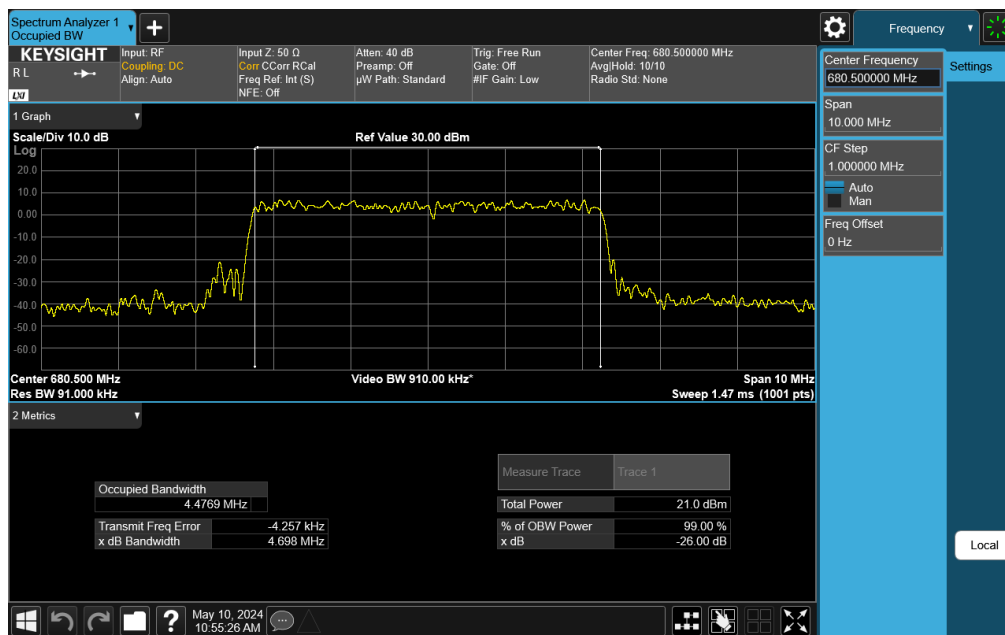
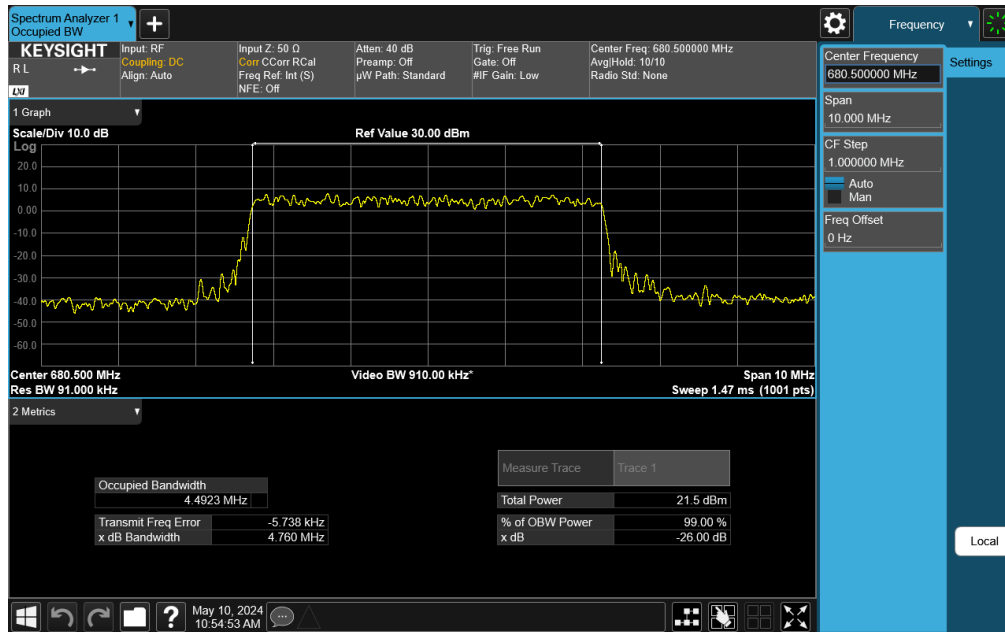


Plot 7-120. Occupied Bandwidth Plot (NR Band n71 - 5MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)



Plot 7-121. Occupied Bandwidth Plot (NR Band n71 - 5MHz CP-OFDM QPSK - Full RB)

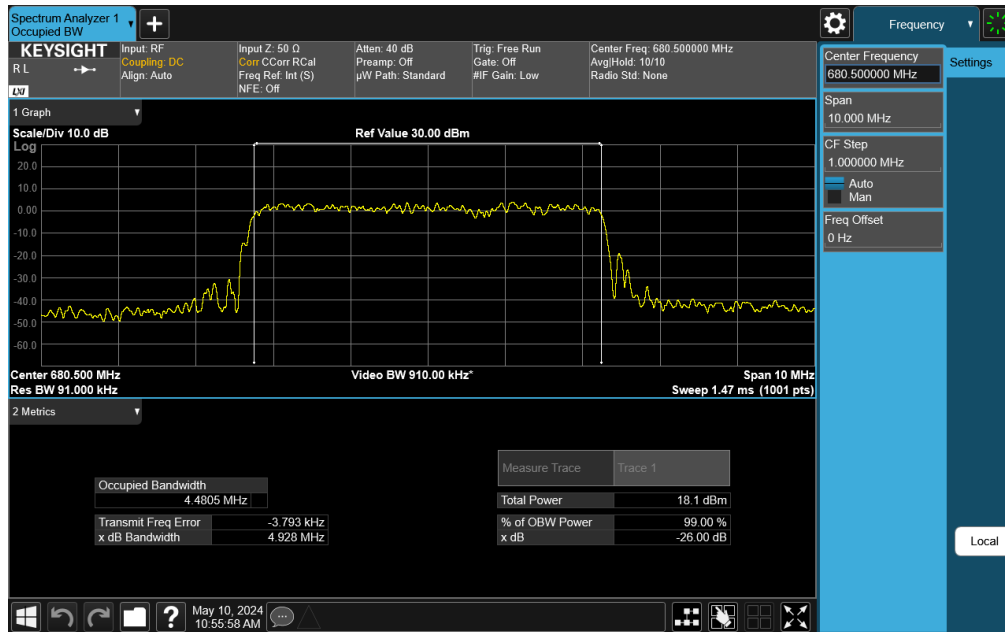
FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 79 of 351



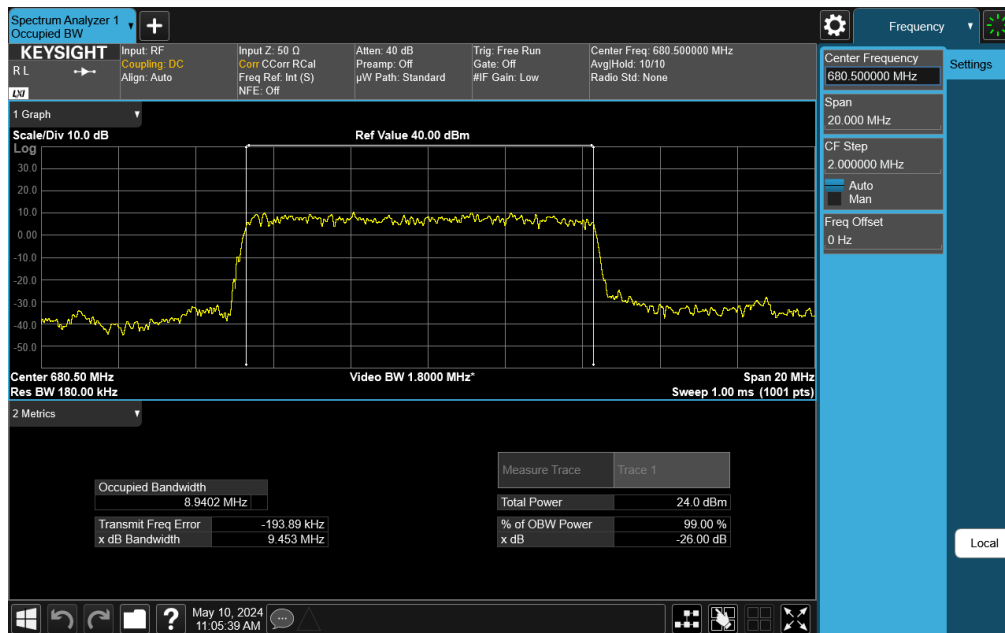
FCC ID: BCGA2995	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 80 of 351

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 7-124. Occupied Bandwidth Plot (NR Band n71 - 5MHz CP-OFDM 256-QAM - Full RB)

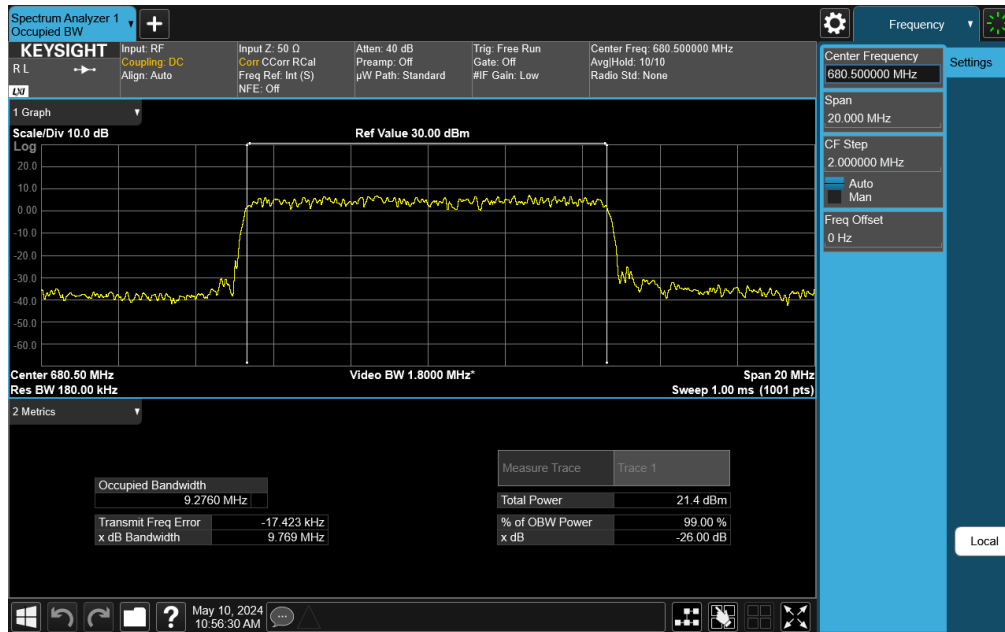


Plot 7-125. Occupied Bandwidth Plot (NR Band n71 - 10MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

FCC ID: BCGA2995	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 81 of 351

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 7-126. Occupied Bandwidth Plot (NR Band n71 - 10MHz CP-OFDM QPSK - Full RB)

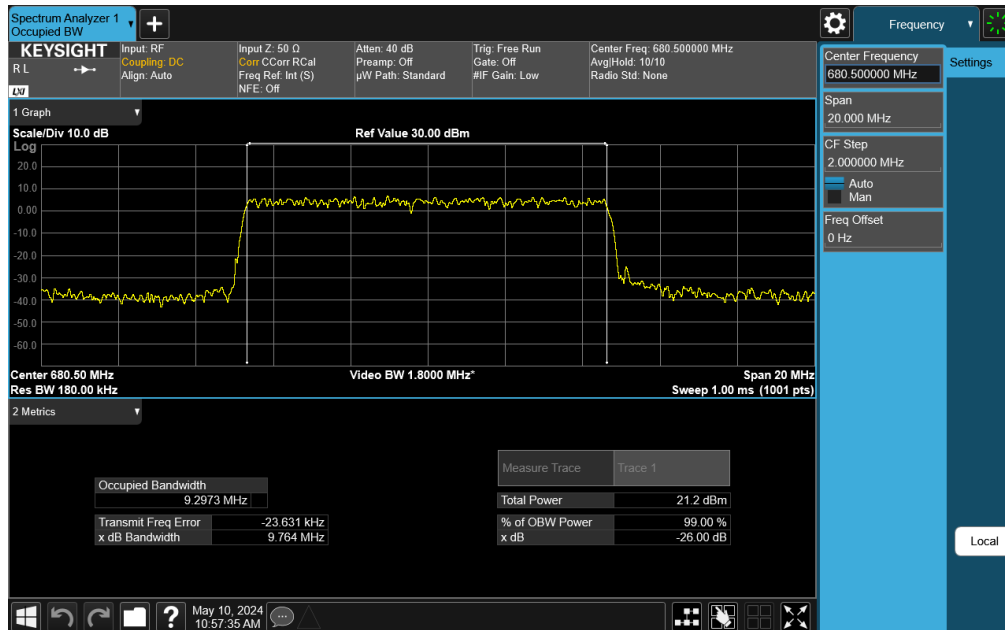


Plot 7-127. Occupied Bandwidth Plot (NR Band n71 - 10MHz CP-OFDM 16-QAM - Full RB)

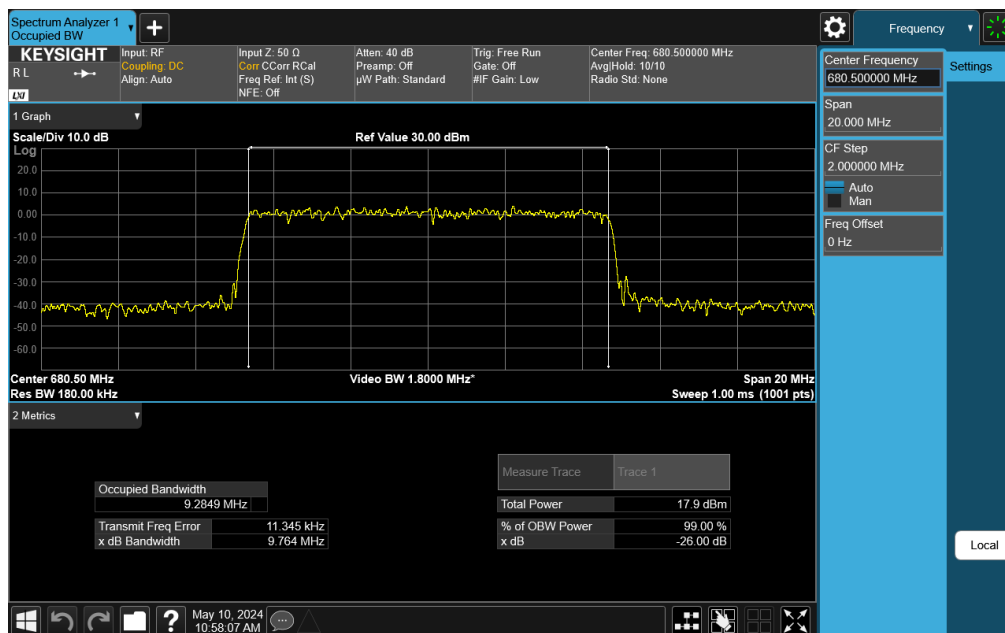
FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 82 of 351

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 7-128. Occupied Bandwidth Plot (NR Band n71 - 10MHz CP-OFDM 64-QAM - Full RB)

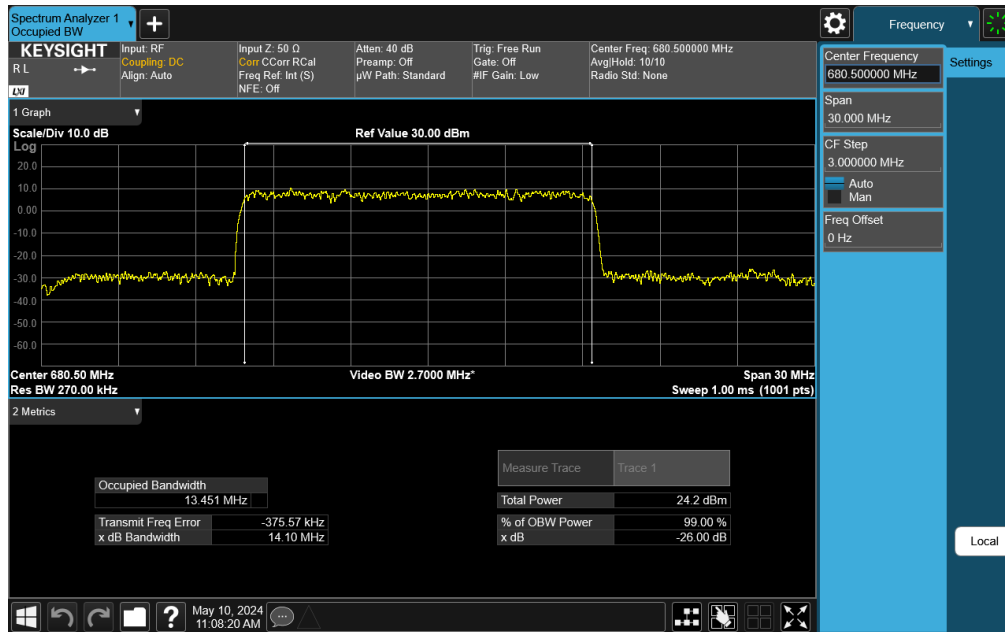


Plot 7-129. Occupied Bandwidth Plot (NR Band n71 - 10MHz CP-OFDM 256-QAM - Full RB)

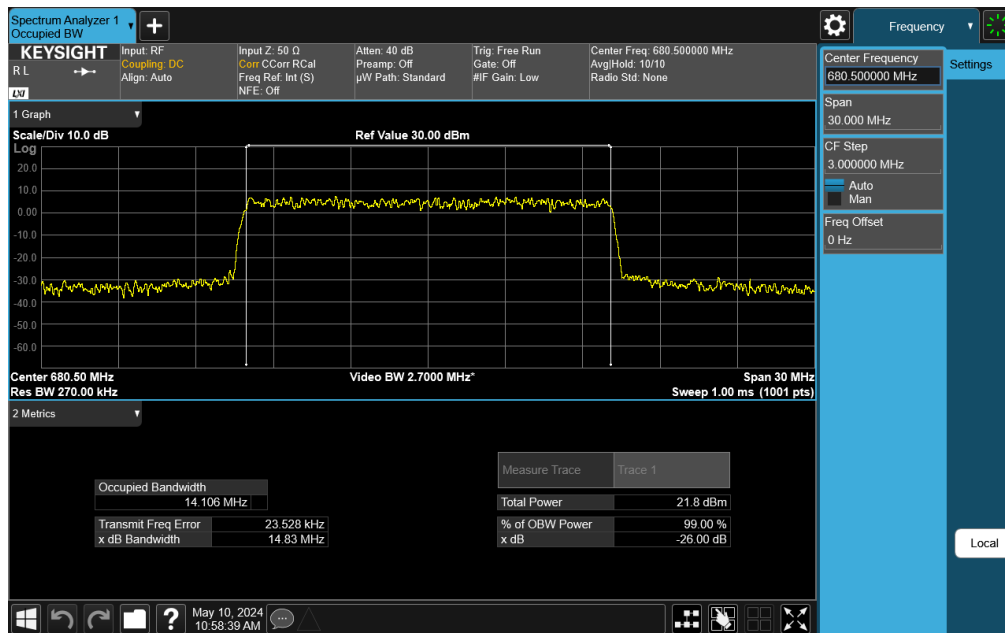
FCC ID: BCGA2995	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 83 of 351

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 7-130. Occupied Bandwidth Plot (NR Band n71 - 15MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

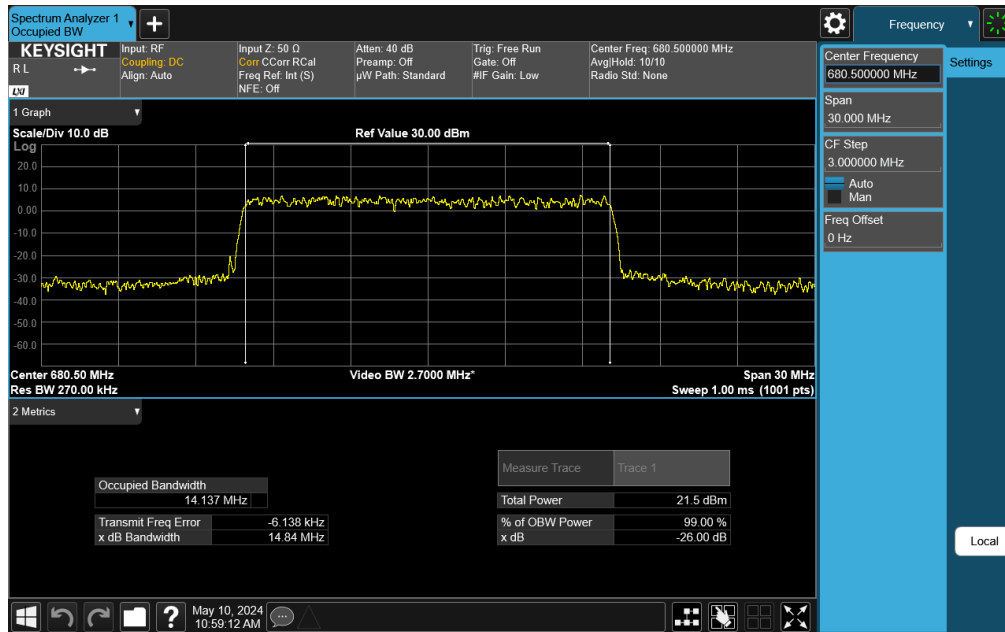


Plot 7-131. Occupied Bandwidth Plot (NR Band n71 - 15MHz CP-OFDM QPSK - Full RB)

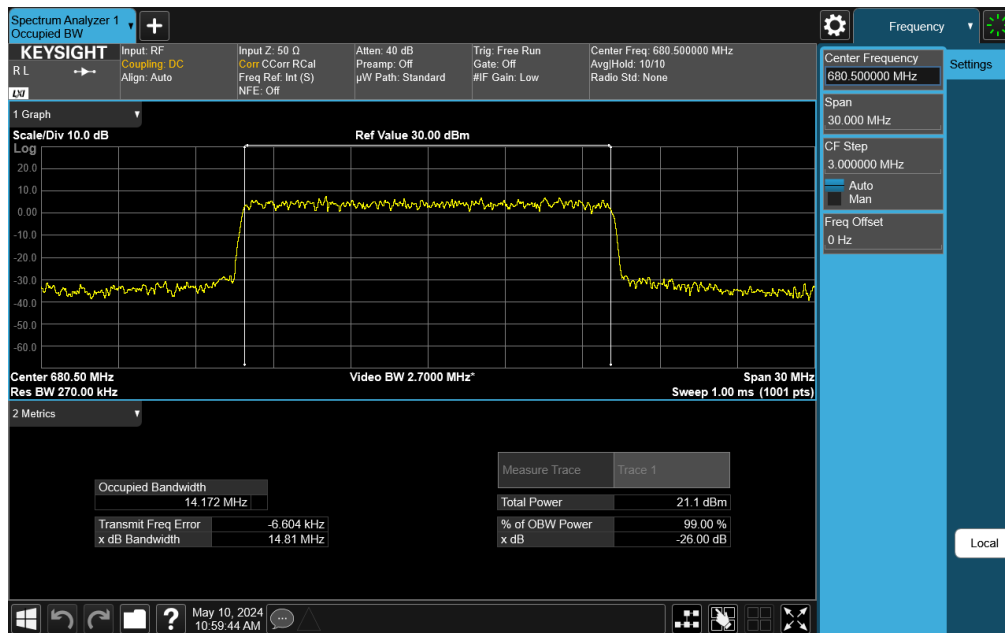
FCC ID: BCGA2995	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 84 of 351

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 7-132. Occupied Bandwidth Plot (NR Band n71 - 15MHz CP-OFDM 16-QAM - Full RB)

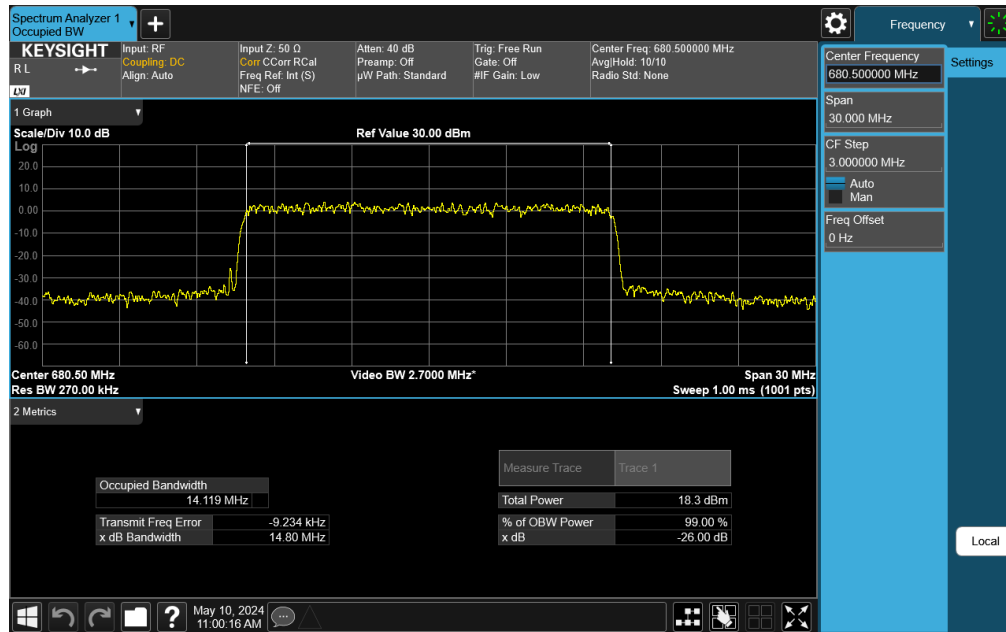


Plot 7-133. Occupied Bandwidth Plot (NR Band n71 - 15MHz CP-OFDM 64-QAM - Full RB)

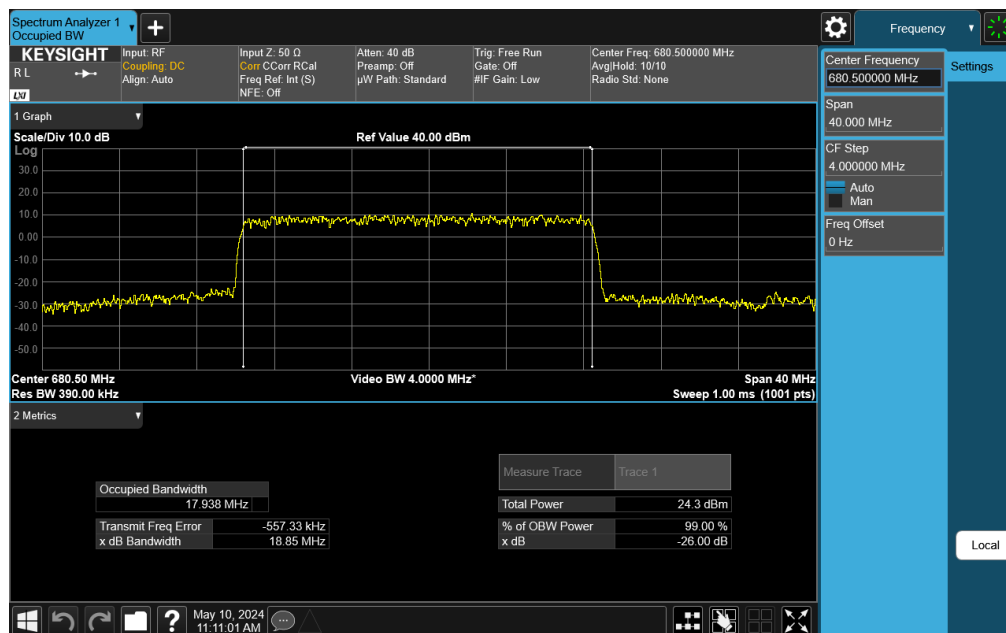
FCC ID: BCGA2995	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 85 of 351

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.

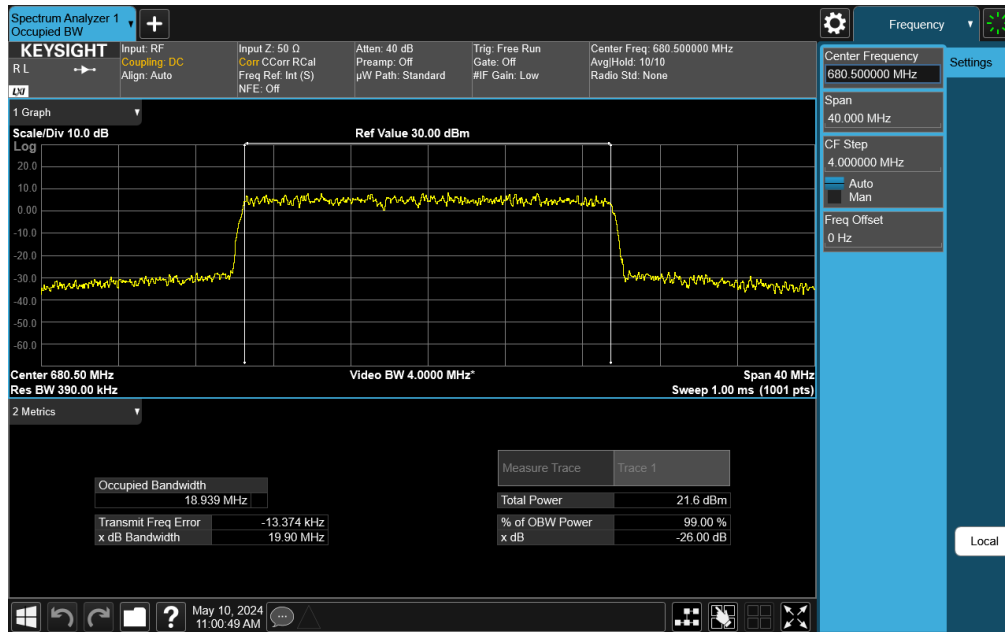


Plot 7-134. Occupied Bandwidth Plot (NR Band n71 - 15MHz CP-OFDM 256-QAM - Full RB)

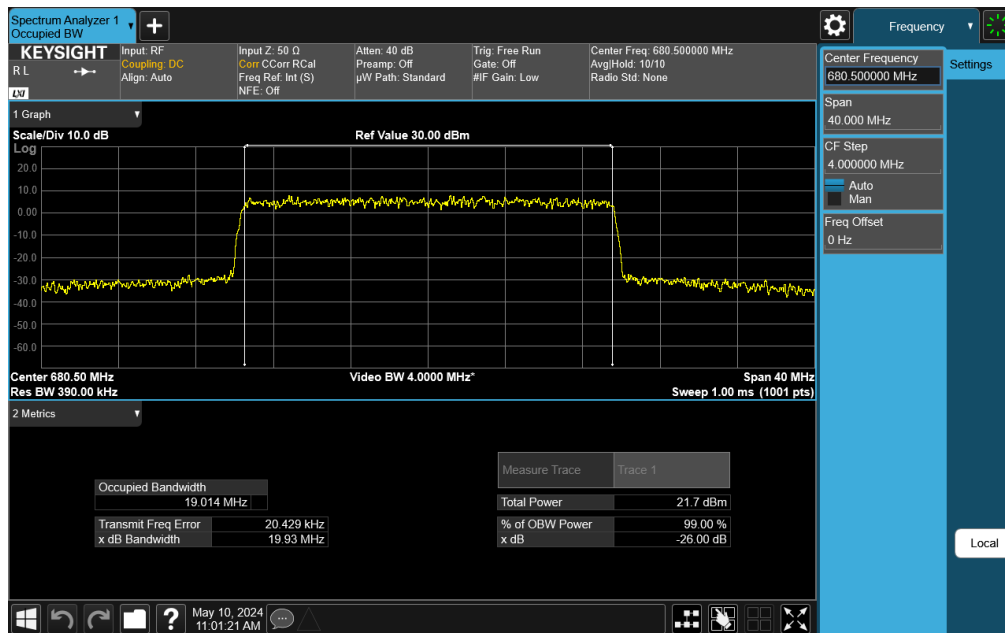


Plot 7-135. Occupied Bandwidth Plot (NR Band n71 - 20MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 86 of 351



Plot 7-136. Occupied Bandwidth Plot (NR Band n71 - 20MHz CP-OFDM QPSK - Full RB)

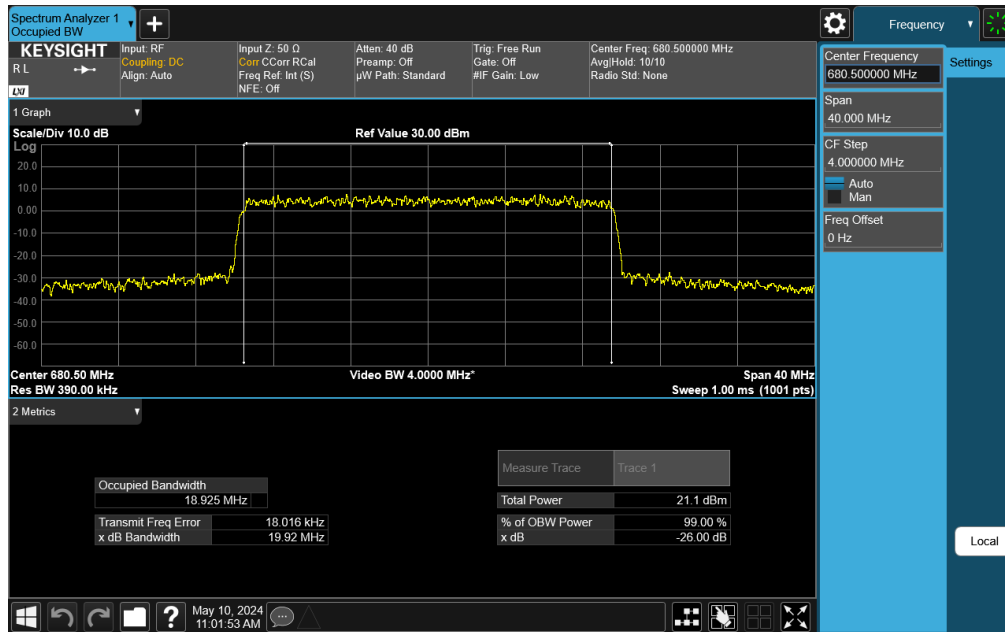


Plot 7-137. Occupied Bandwidth Plot (NR Band n71 - 20MHz CP-OFDM 16-QAM - Full RB)

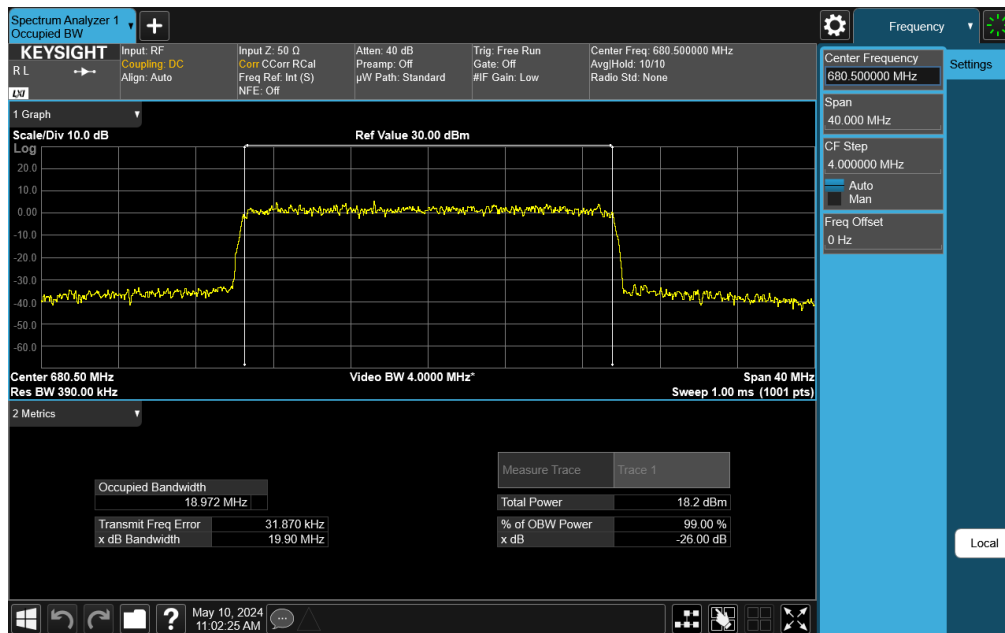
FCC ID: BCGA2995	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 87 of 351

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 7-138. Occupied Bandwidth Plot (NR Band n71 - 20MHz CP-OFDM 64-QAM - Full RB)



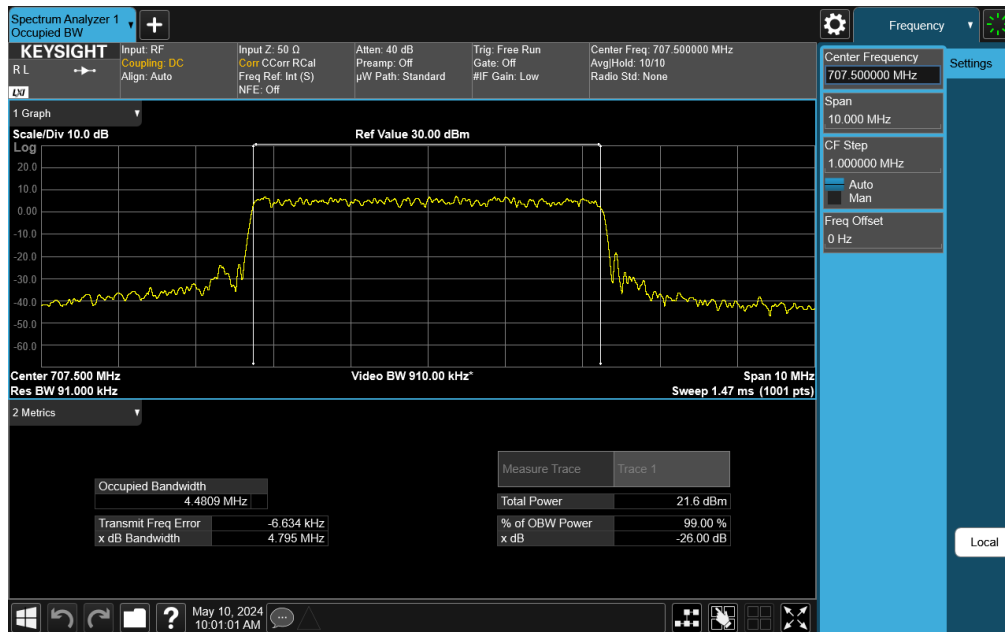
Plot 7-139. Occupied Bandwidth Plot (NR Band n71 - 20MHz CP-OFDM 256-QAM - Full RB)

FCC ID: BCGA2995	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 88 of 351

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.

NR Band n12



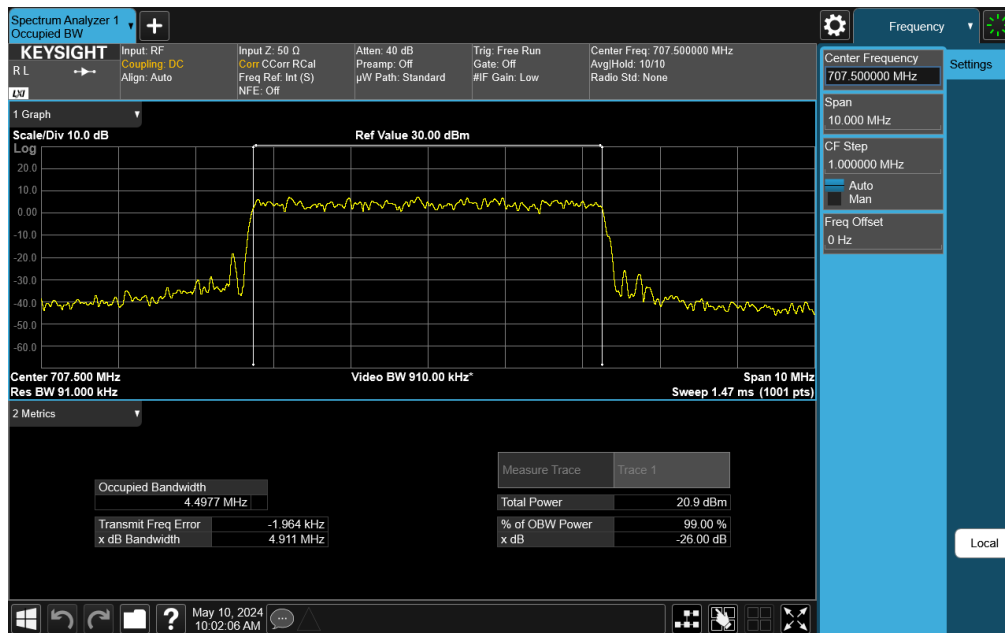
FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device
		Page 89 of 351

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 7-142. Occupied Bandwidth Plot (NR Band n12 - 5MHz CP-OFDM 16-QAM - Full RB)

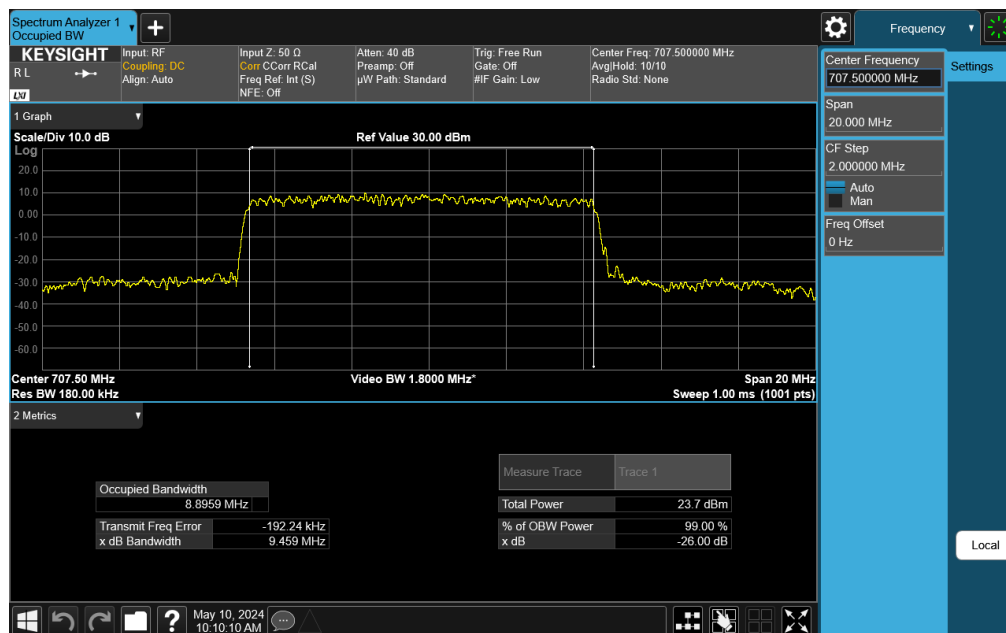
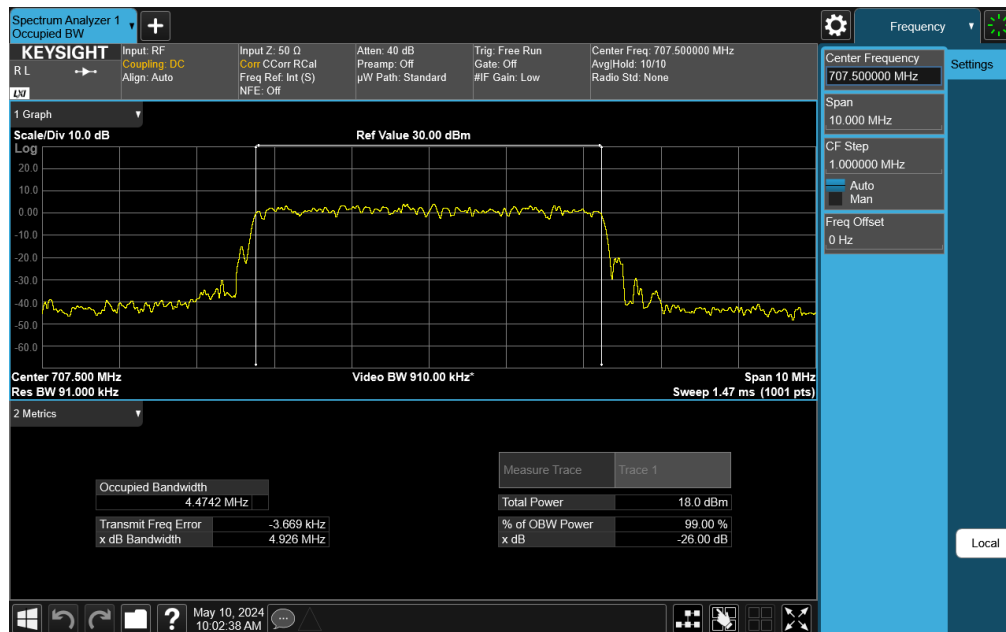


Plot 7-143. Occupied Bandwidth Plot (NR Band n12 - 5MHz CP-OFDM 64-QAM - Full RB)

FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 90 of 351

V2.2 09/07/2023

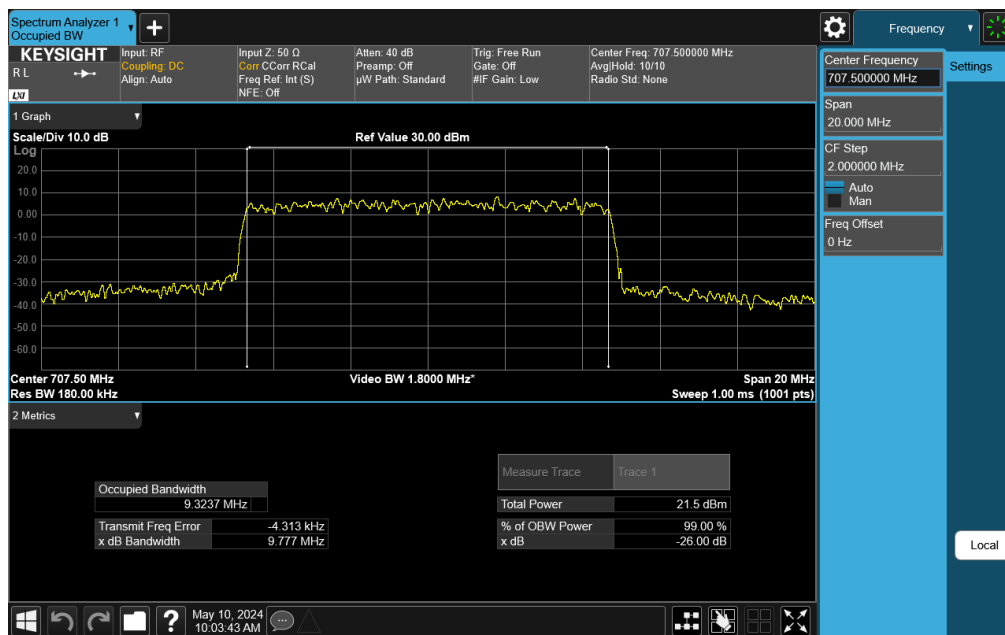
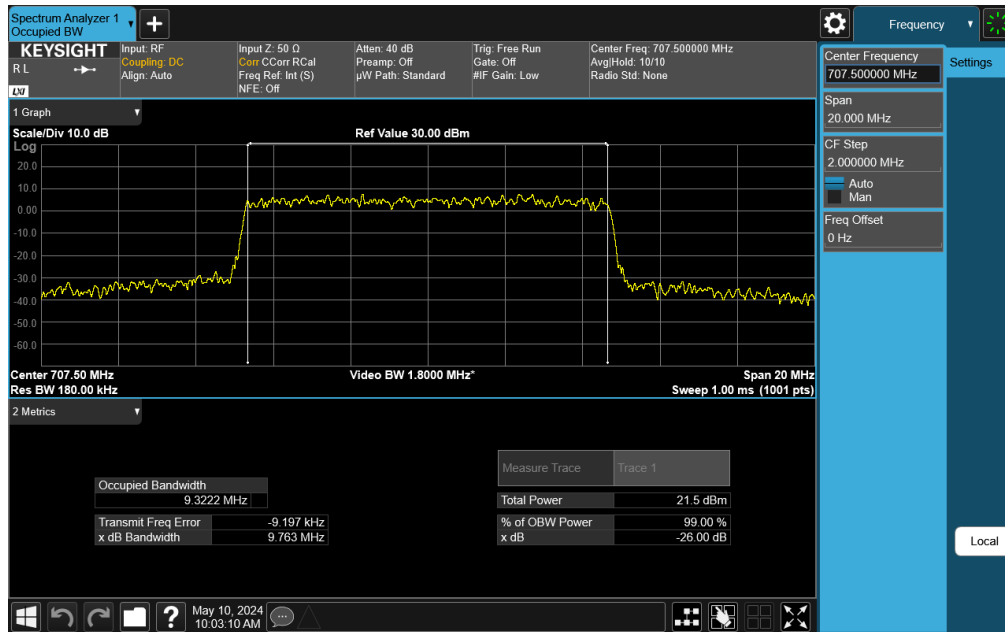
Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry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



FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 91 of 351

V2.2 09/07/2023

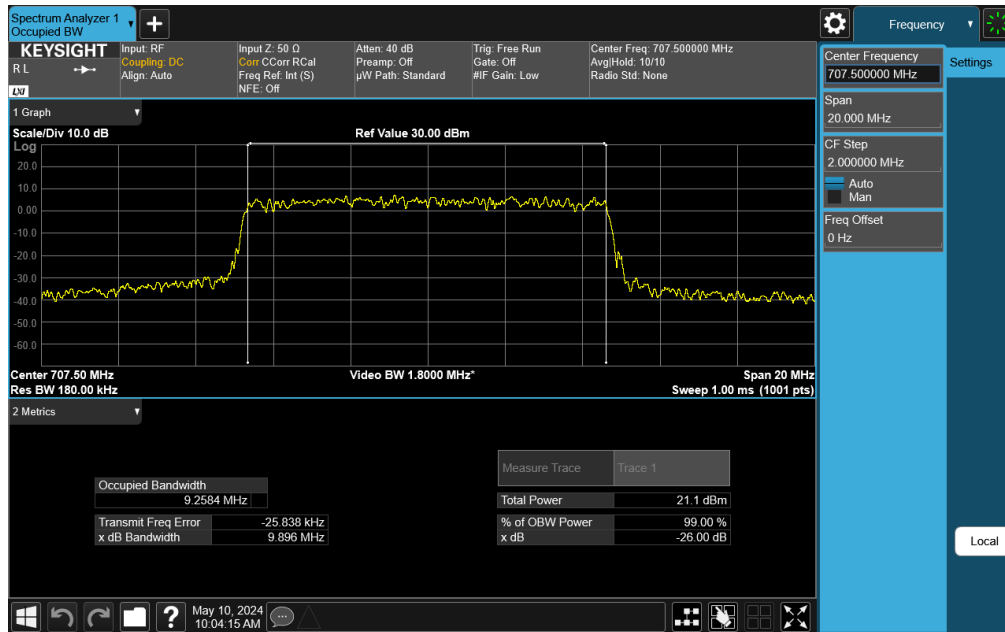
Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry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



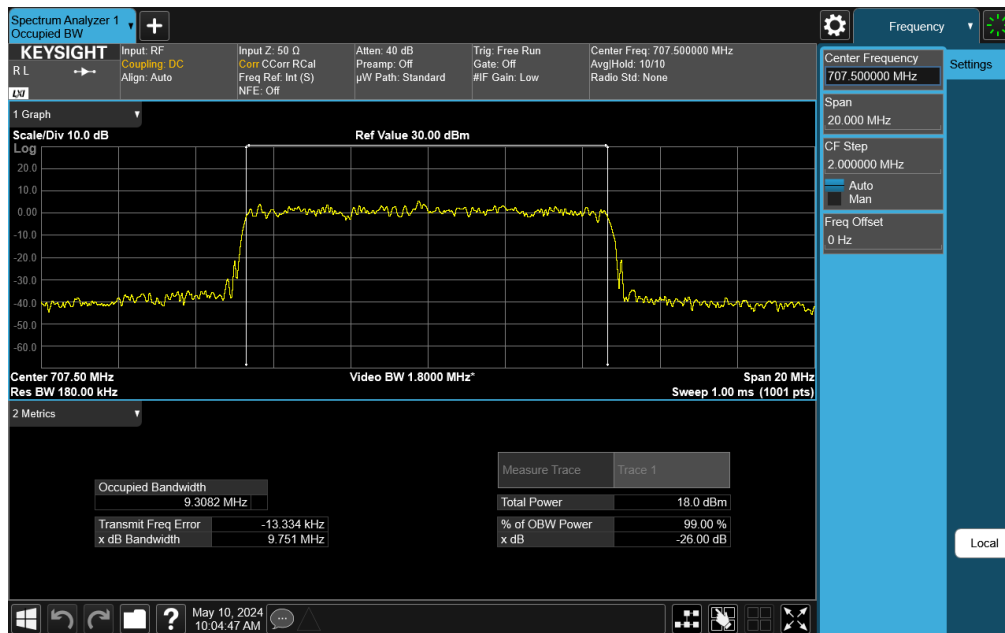
FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 92 of 351

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 7-148. Occupied Bandwidth Plot (NR Band n12 - 10MHz CP-OFDM 64-QAM - Full RB)

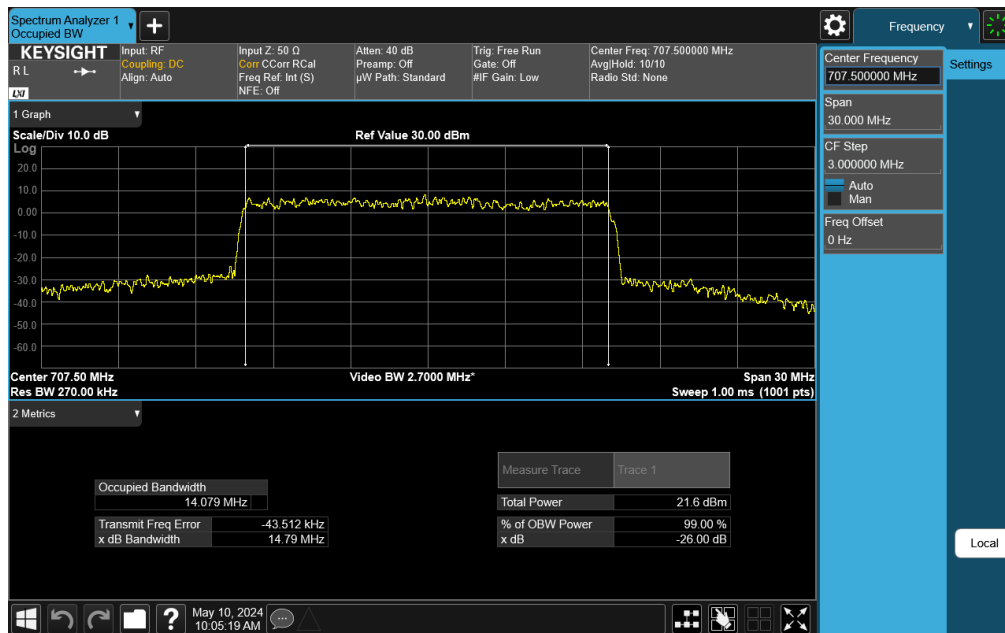
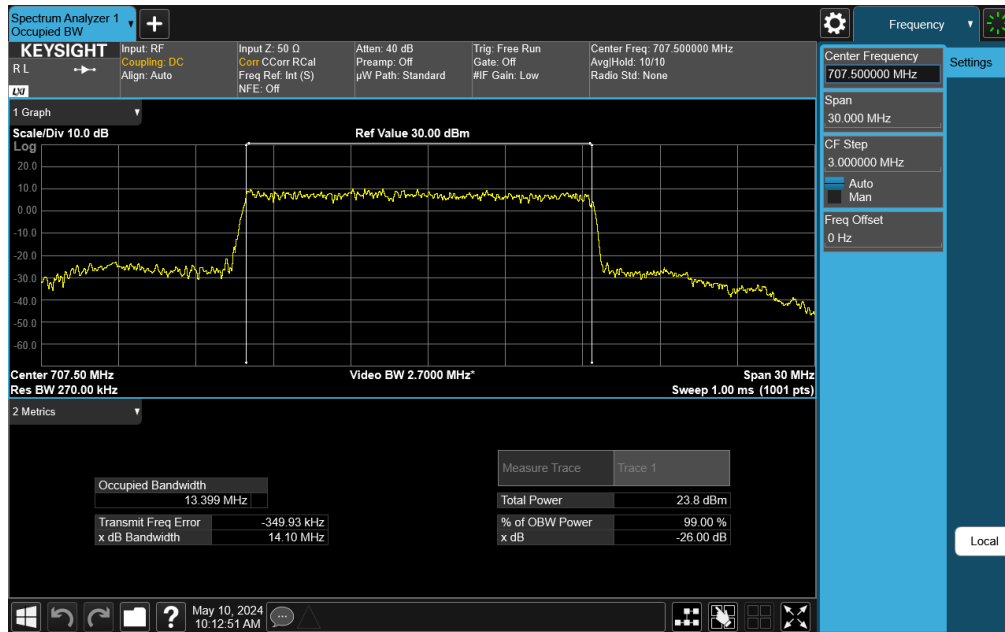


Plot 7-149. Occupied Bandwidth Plot (NR Band n12 - 10MHz CP-OFDM 256-QAM - Full RB)

FCC ID: BCGA2995	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 93 of 351

V2.2 09/07/2023

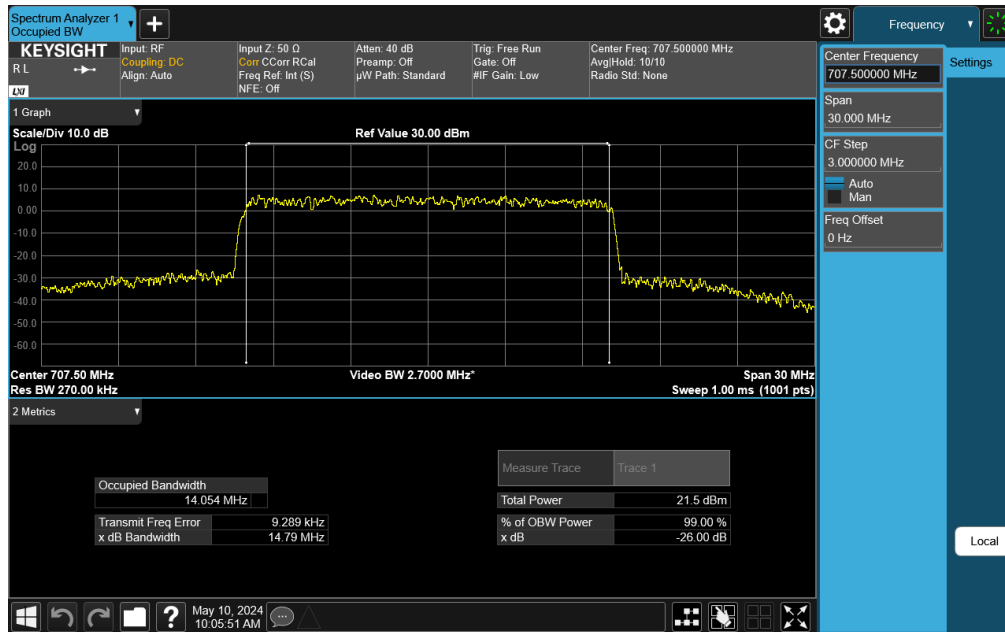
Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry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



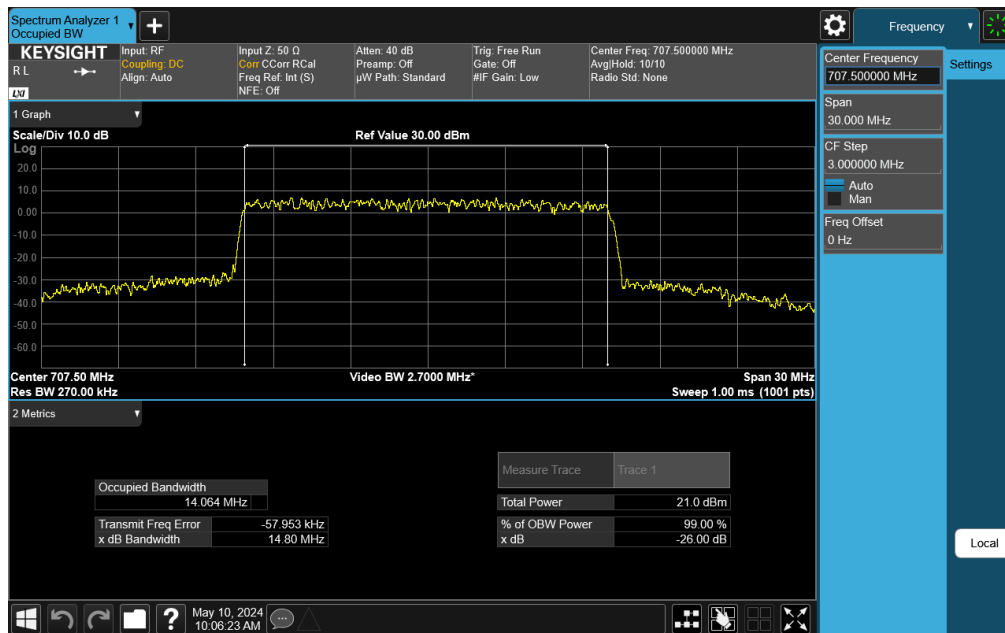
FCC ID: BCGA2995	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 94 of 351

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 7-152. Occupied Bandwidth Plot (NR Band n12 - 15MHz CP-OFDM 16-QAM - Full RB)



Plot 7-153. Occupied Bandwidth Plot (NR Band n12 - 15MHz CP-OFDM 64-QAM - Full RB)

FCC ID: BCGA2995	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 95 of 351

V2.2 09/07/2023

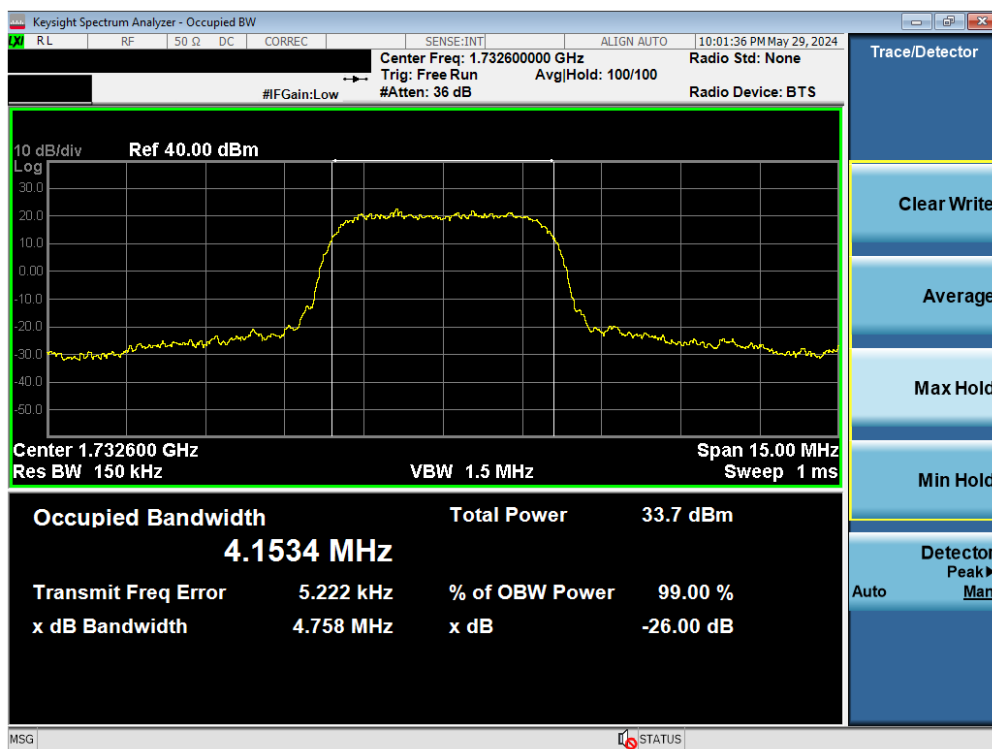
Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry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



Plot 7-154. Occupied Bandwidth Plot (NR Band n12 - 15MHz CP-OFDM 256-QAM - Full RB)

FCC ID: BCGA2995	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 96 of 351

V2.2 09/07/2023



Plot 7-155. Occupied Bandwidth Plot (WCDMA, Ch. 1413)

FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 97 of 351

V2.2 09/07/2023

7.3 Spurious and Harmonic Emissions at Antenna Terminal

§2.1051, §27.53

Test Overview and Limit

The level of the carrier and the various conducted spurious and harmonic frequencies is measured by means of a calibrated spectrum analyzer. The spectrum is scanned from the lowest frequency generated in the equipment up to a frequency including its 10th harmonic. All out of band emissions are measured with a spectrum analyzer connected to the antenna terminal of the EUT while the EUT is operating at maximum power, and at the appropriate frequencies. All data rates were investigated to determine the worst case configuration. All modes of operation were investigated and the worst case configuration results are reported in this section. All ports were tested and only the worst case data were reported.

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

Test Procedure Used

KDB 971168 D01 v03r01 – Section 6.0

Test Settings

1. Start frequency was set to 30MHz and stop frequency was set to 18GHz (separated into at least two plots per channel)
2. RBW $\geq$ 100kHz
3. VBW $\geq$ 3 x RBW
4. Detector = RMS
5. Trace mode = max hold
6. Sweep time = auto couple
7. The trace was allowed to stabilize

Test Setup

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

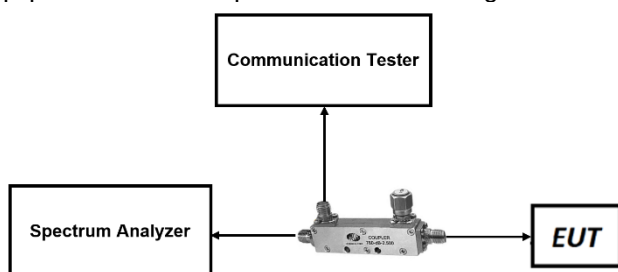


Figure 7-3. LTE Test Instrument & Measurement Setup

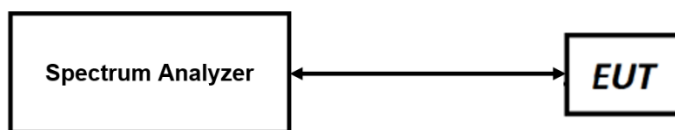


Figure 7-4. FR1 Test Instrument & Measurement Setup

FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device
		Page 98 of 351

V2.2 09/07/2023

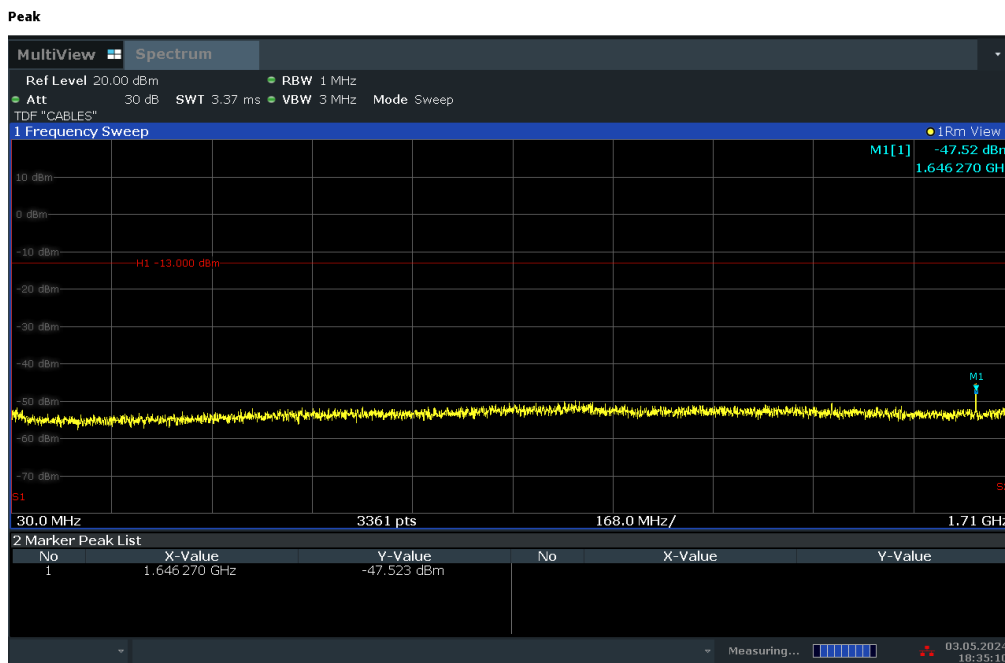
Test Notes

1. Per Part 27, compliance with the applicable limits is based on the use of measurement instrumentation employing a resolution bandwidth 100 kHz or greater for measurements below 1GHz. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emission are attenuated at least 26 dB below the transmitter power.
2. For NR operation, all subcarrier spacings (SCS) and transmission schemes (e.g. CP-OFDM and DFT-s-OFDM) were investigated to determine the worst case configuration. All modes of operation were investigated and the worst case configuration results are reported in this section.

FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 99 of 351

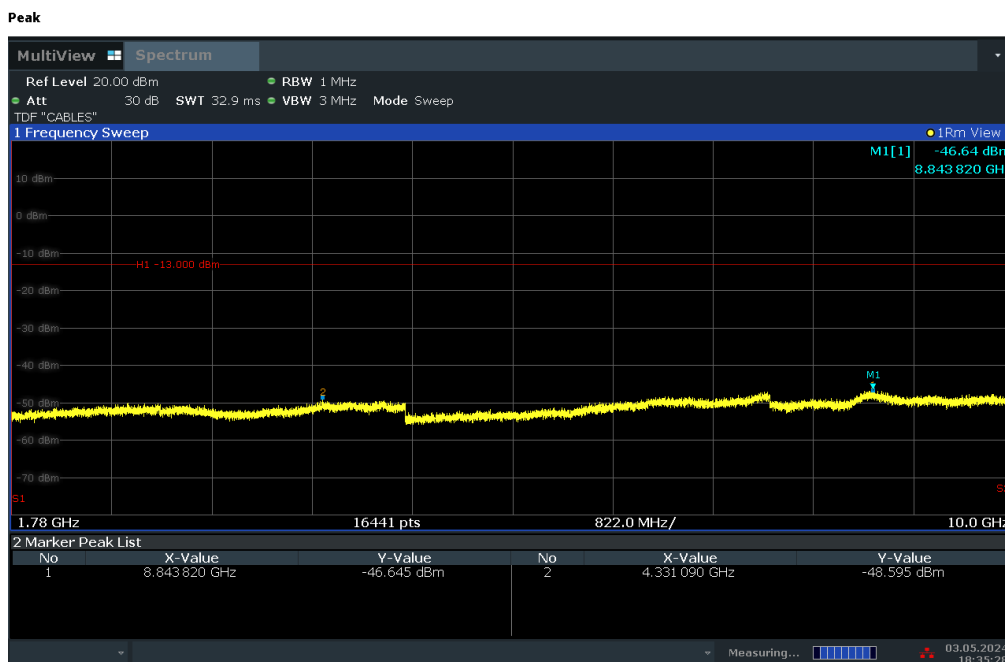
V2.2 09/07/2023

LTE Band 66/4



18:35:11 03.05.2024

Plot 7-156. Conducted Spurious Plot (LTE Band 66/4 - 20MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)



18:35:28 03.05.2024

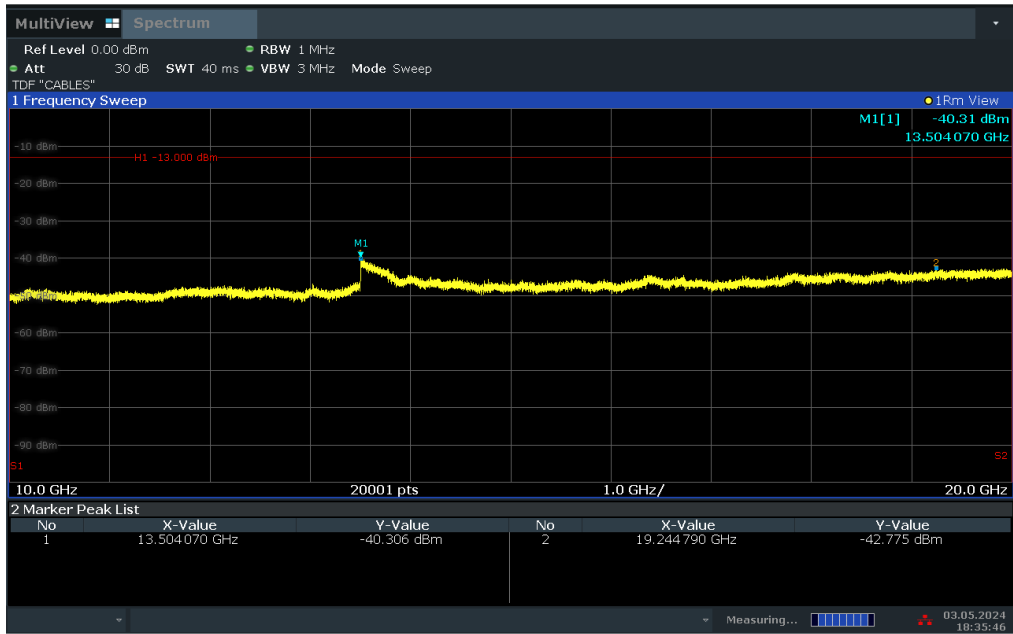
Plot 7-157. Conducted Spurious Plot (LTE Band 66/4 - 20MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 100 of 351

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.

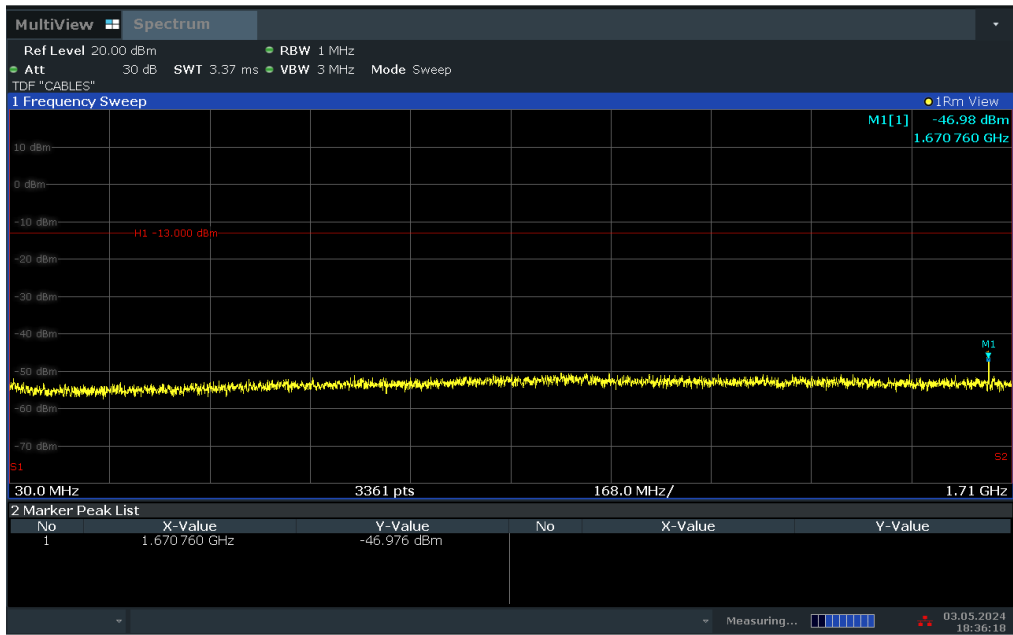
Peak



18:35:46 03.05.2024

Plot 7-158. Conducted Spurious Plot (LTE Band 66/4 - 20MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

Peak



18:36:19 03.05.2024

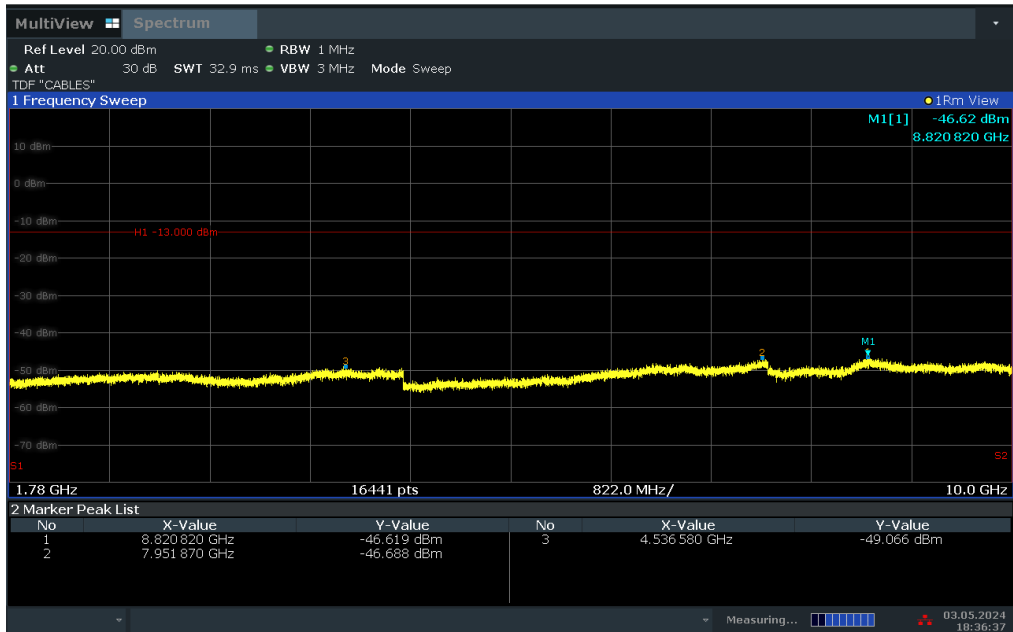
Plot 7-159. Conducted Spurious Plot (LTE Band 66/4 - 20MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

FCC ID: BCGA2995	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 101 of 351

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.

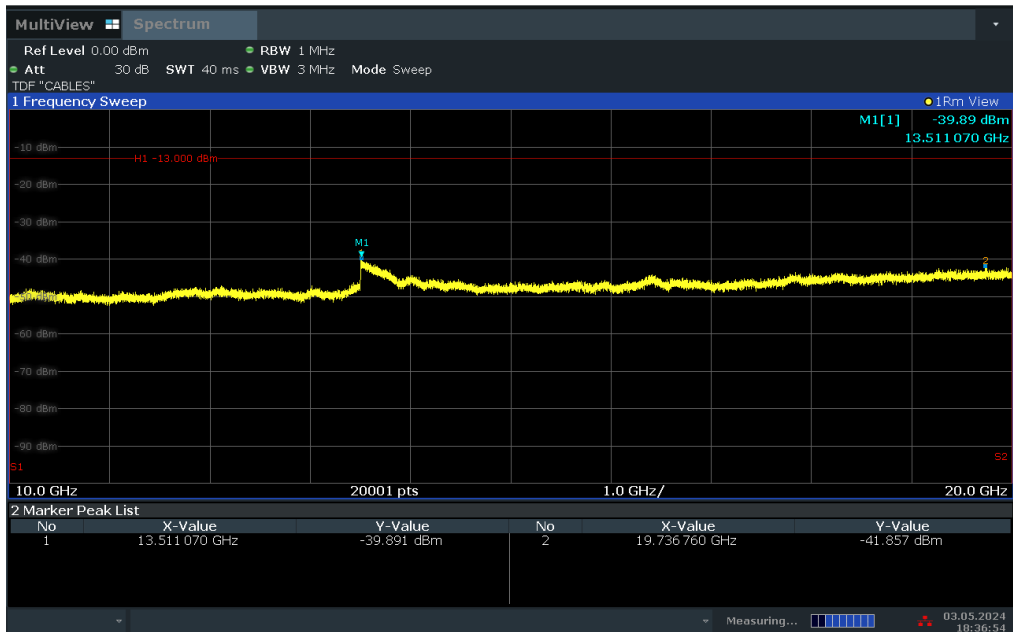
Peak



18:36:37 03.05.2024

Plot 7-160. Conducted Spurious Plot (LTE Band 66/4 - 20MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

Peak



18:36:54 03.05.2024

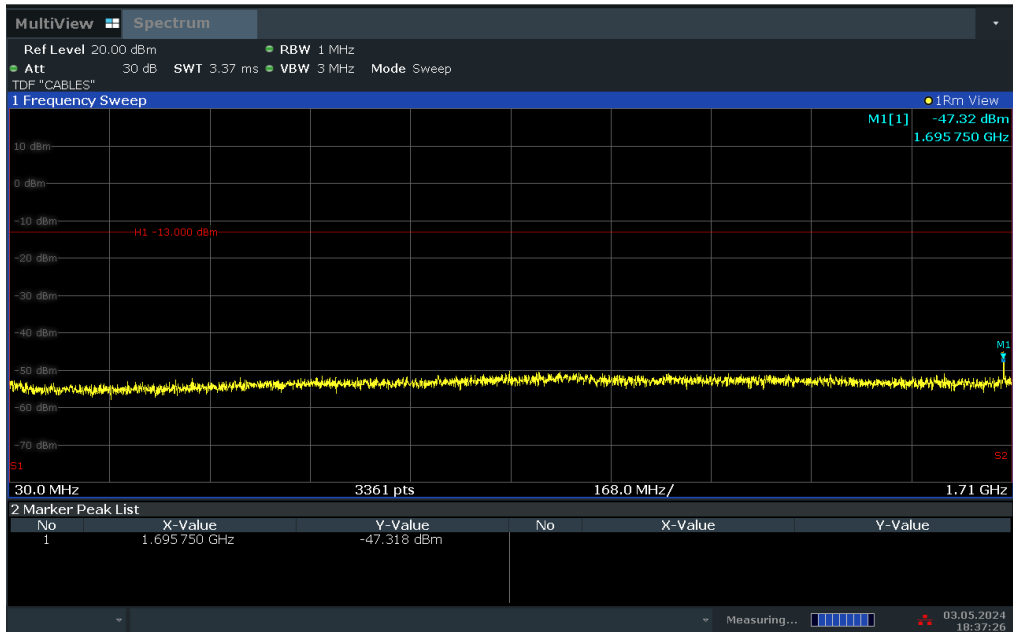
Plot 7-161. Conducted Spurious Plot (LTE Band 66/4 - 20MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

FCC ID: BCGA2995	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 102 of 351

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.

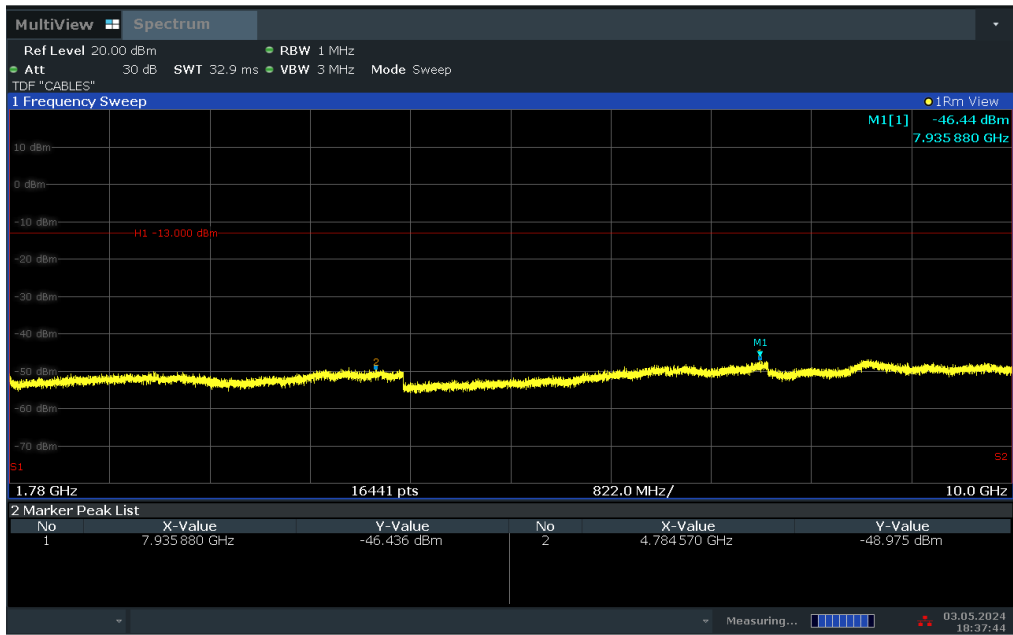
Peak



18:37:27 03.05.2024

Plot 7-162. Conducted Spurious Plot (LTE Band 66/4 - 20MHz QPSK - RB Size 1, RB Offset 0 - High Channel)

Peak



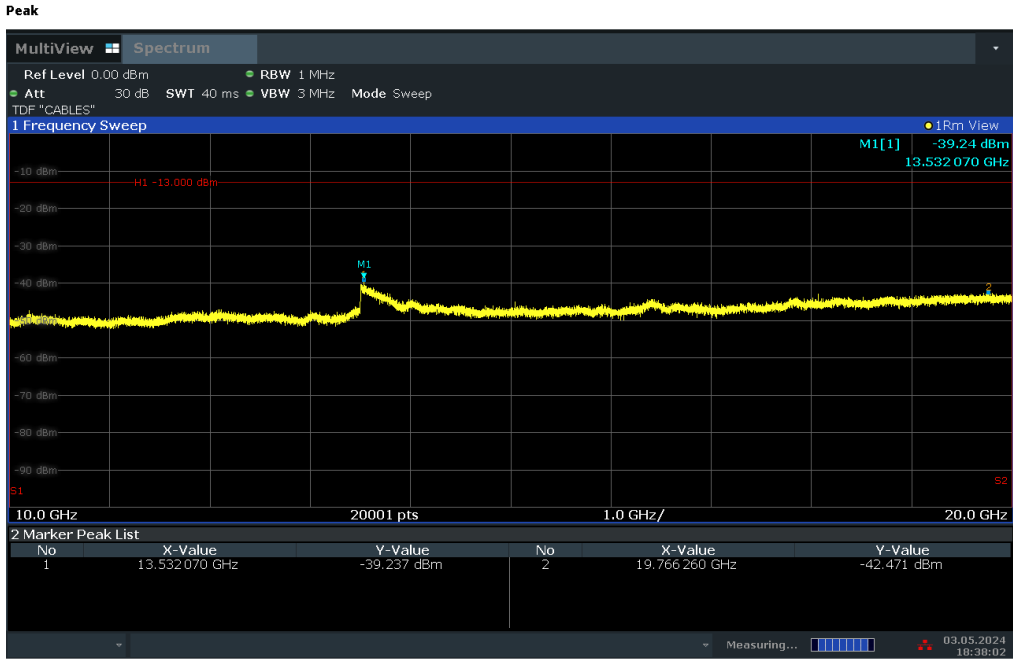
18:37:45 03.05.2024

Plot 7-163. Conducted Spurious Plot (LTE Band 66/4 - 20MHz QPSK - RB Size 1, RB Offset 0 - High Channel)

FCC ID: BCGA2995	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 103 of 351

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.



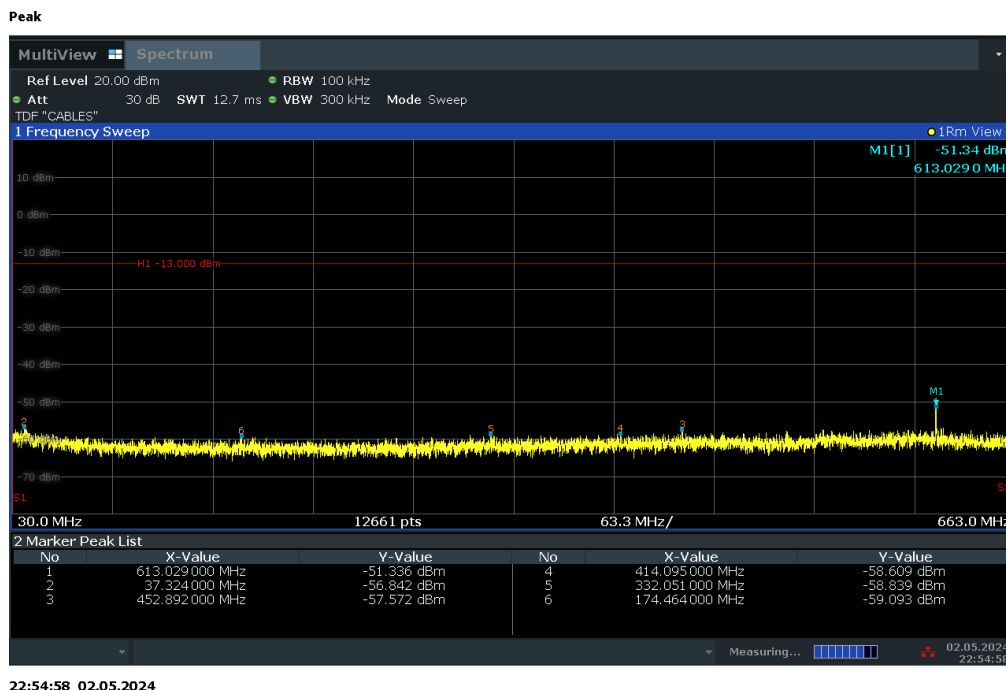
18:38:02 03.05.2024

Plot 7-164. Conducted Spurious Plot (LTE Band 66/4 - 20MHz QPSK - RB Size 1, RB Offset 0 - High Channel)

FCC ID: BCGA2995	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 104 of 351

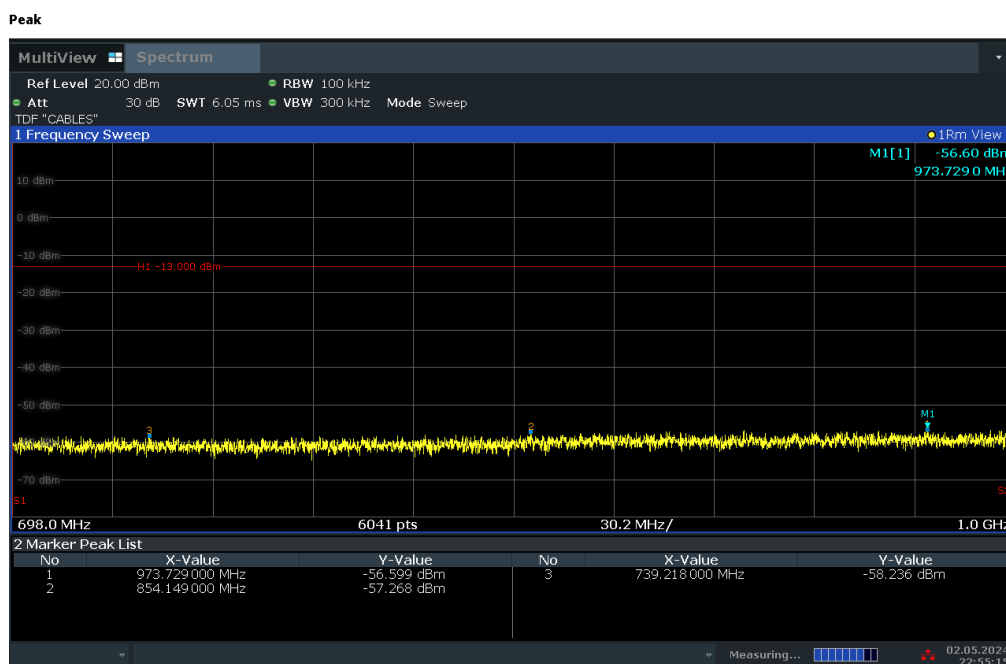
V2.2 09/07/2023

LTE Band 71



22:54:58 02.05.2024

Plot 7-165. Conducted Spurious Plot (LTE Band 71 - 20MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)



22:55:16 02.05.2024

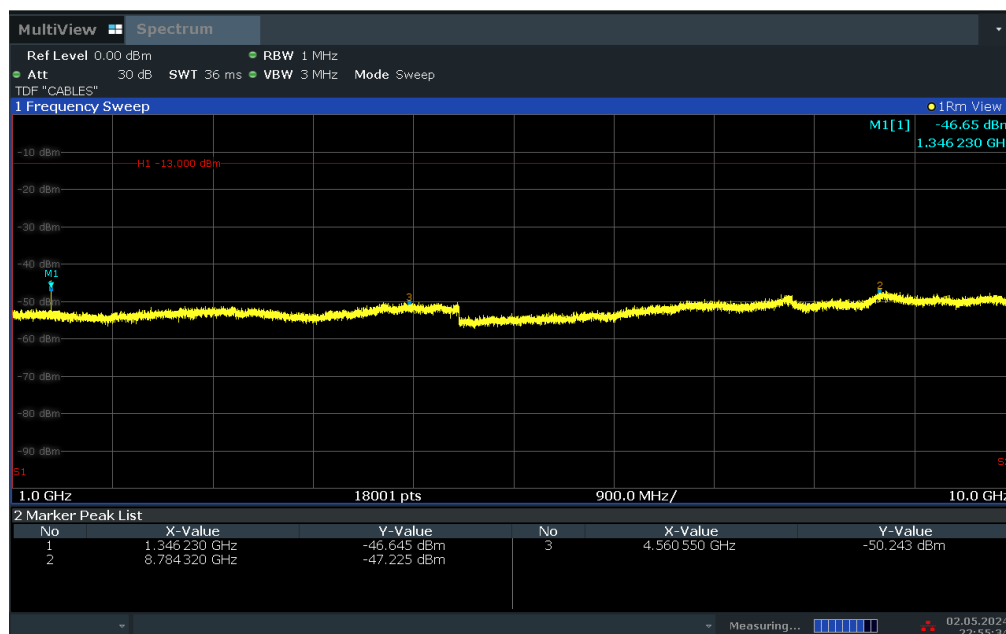
Plot 7-166. Conducted Spurious Plot (LTE Band 71 - 20MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 105 of 351

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.

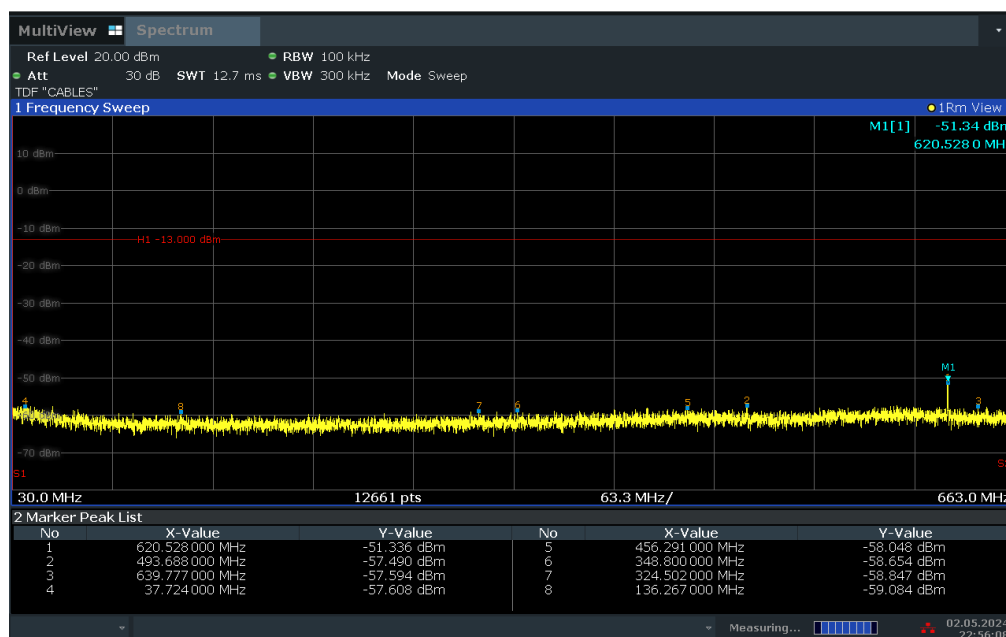
Peak



22:55:34 02.05.2024

Plot 7-167. Conducted Spurious Plot (LTE Band 71 - 20MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

Peak



22:56:08 02.05.2024

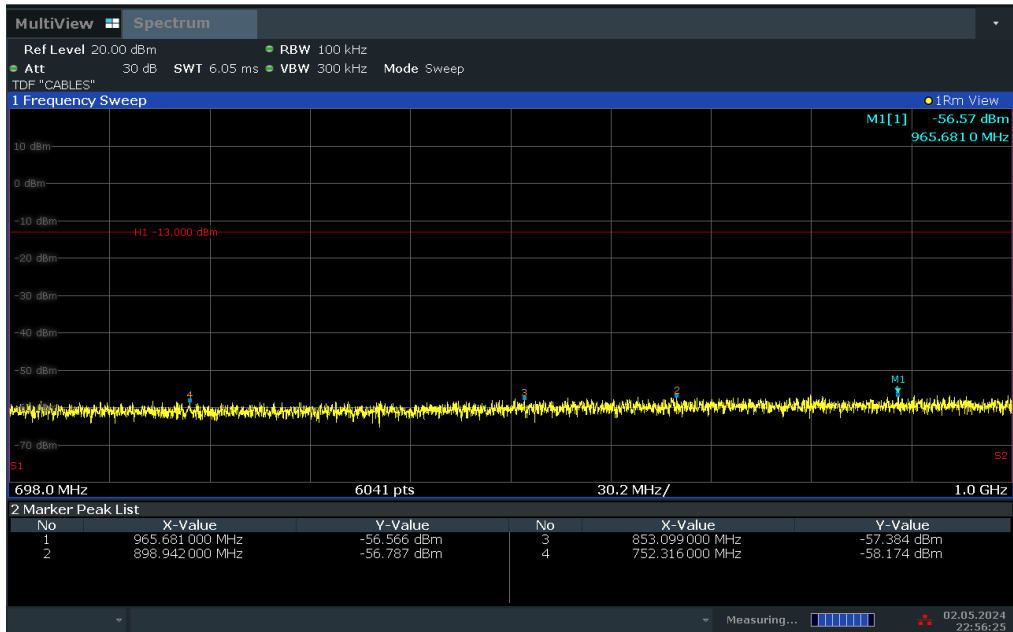
Plot 7-168. Conducted Spurious Plot (LTE Band 71 - 20MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 106 of 351

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.

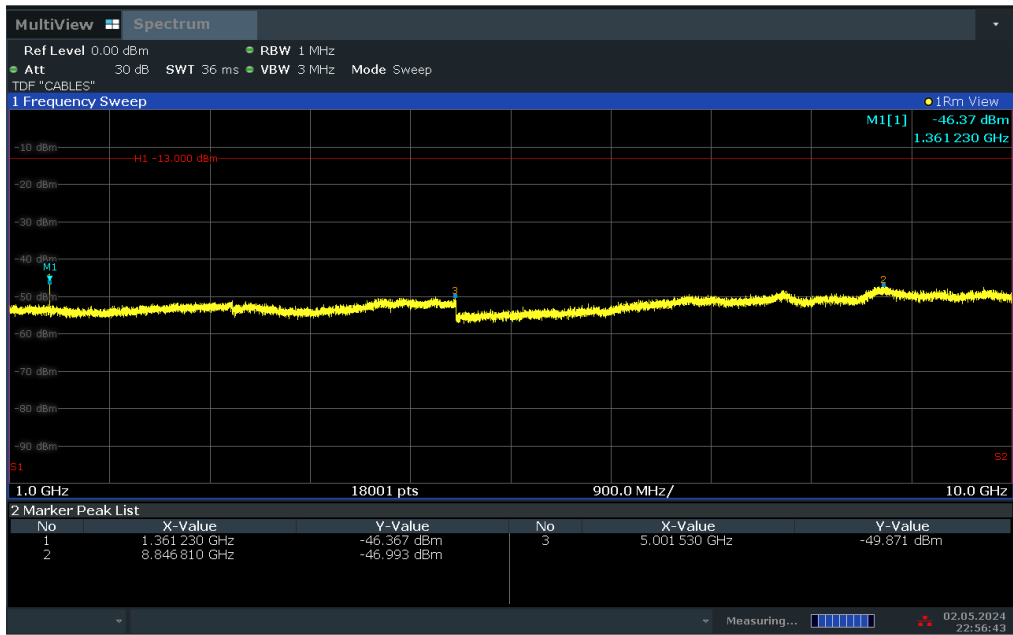
Peak



22:56:26 02.05.2024

Plot 7-169. Conducted Spurious Plot (LTE Band 71 - 20MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

Peak



22:56:44 02.05.2024

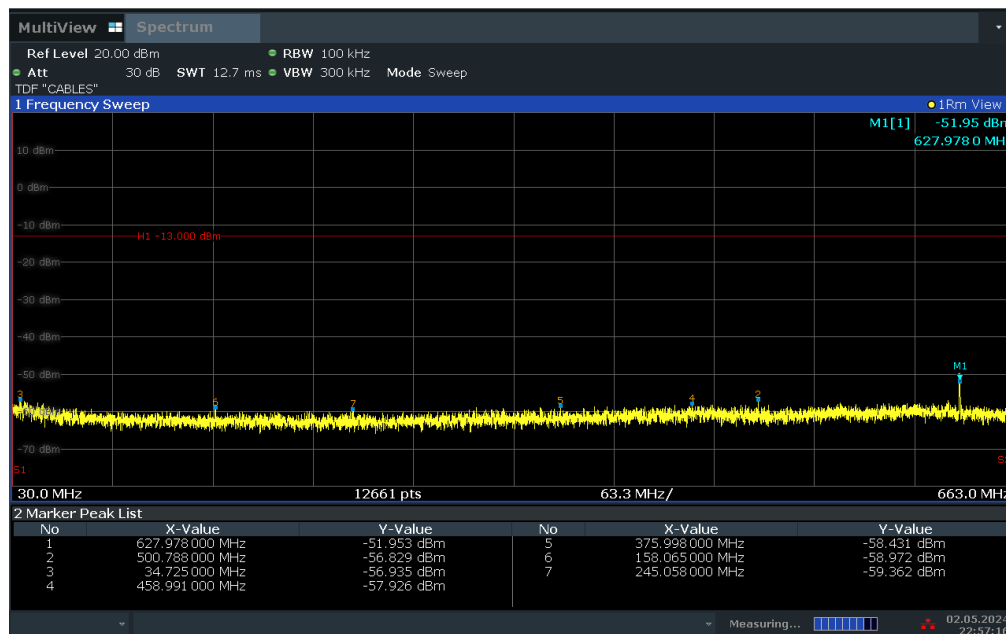
Plot 7-170. Conducted Spurious Plot (LTE Band 71 - 20MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

FCC ID: BCGA2995	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 107 of 351

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.

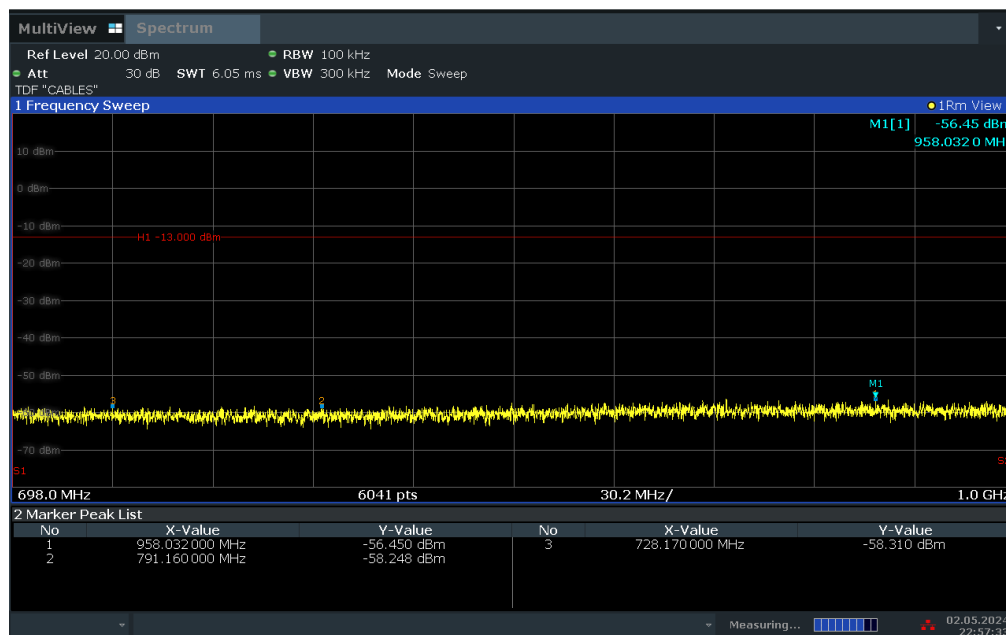
Peak



22:57:16 02.05.2024

Plot 7-171. Conducted Spurious Plot (LTE Band 71 - 20MHz QPSK - RB Size 1, RB Offset 0 - High Channel)

Peak



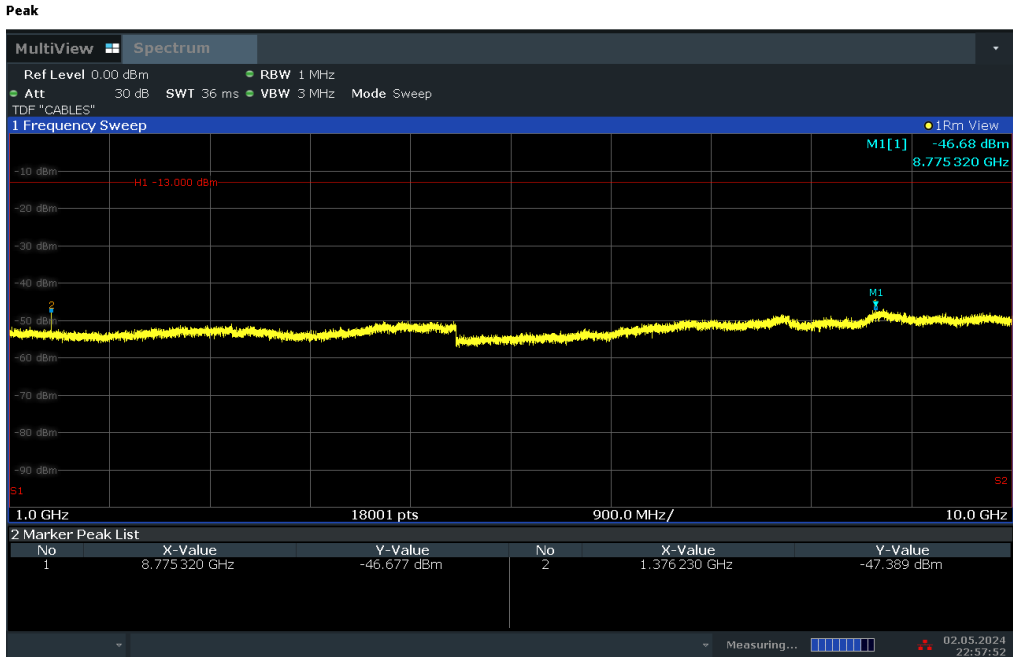
22:57:34 02.05.2024

Plot 7-172. Conducted Spurious Plot (LTE Band 71 - 20MHz QPSK - RB Size 1, RB Offset 0 - High Channel)

FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 108 of 351

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.



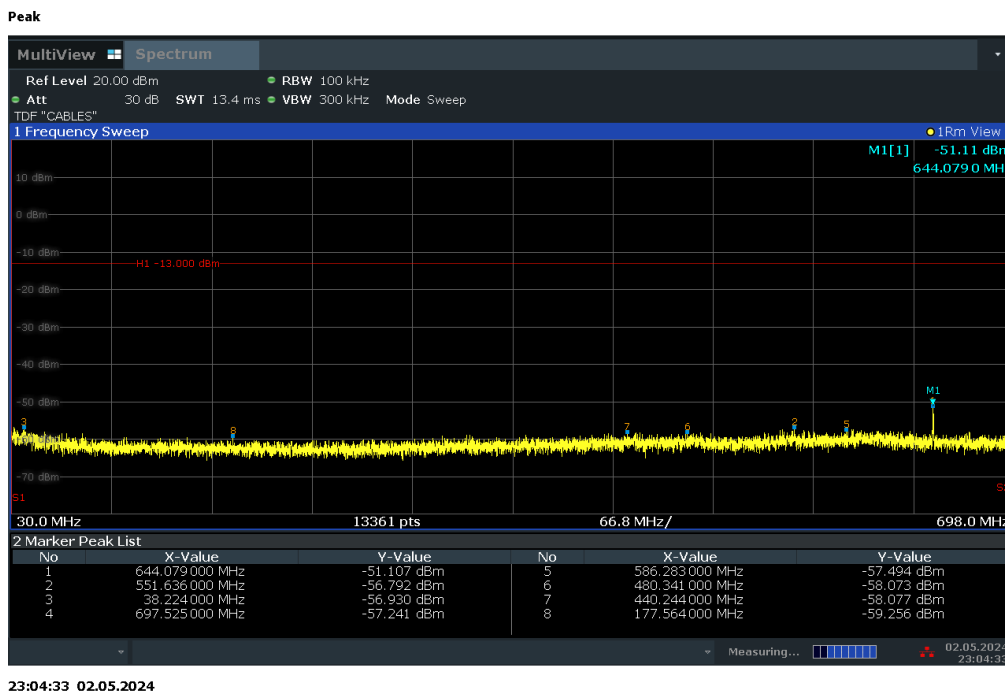
22:57:52 02.05.2024

Plot 7-173. Conducted Spurious Plot (LTE Band 71 - 20MHz QPSK - RB Size 1, RB Offset 0 - High Channel)

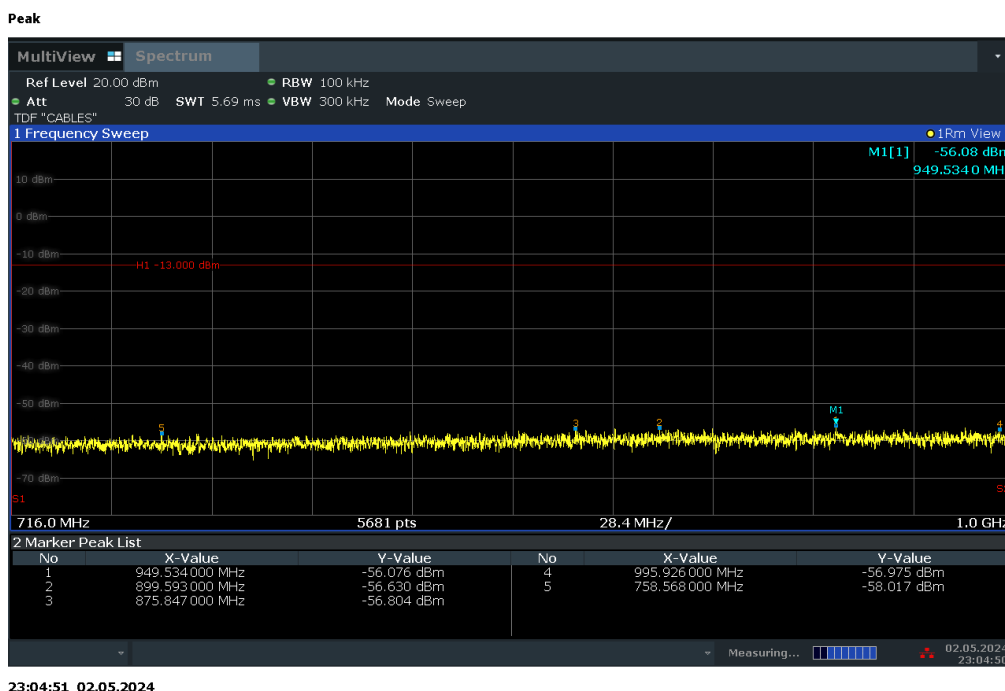
FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device
		Page 109 of 351

V2.2 09/07/2023

LTE Band 12/17



Plot 7-174. Conducted Spurious Plot (LTE Band 12/17 - 10MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)



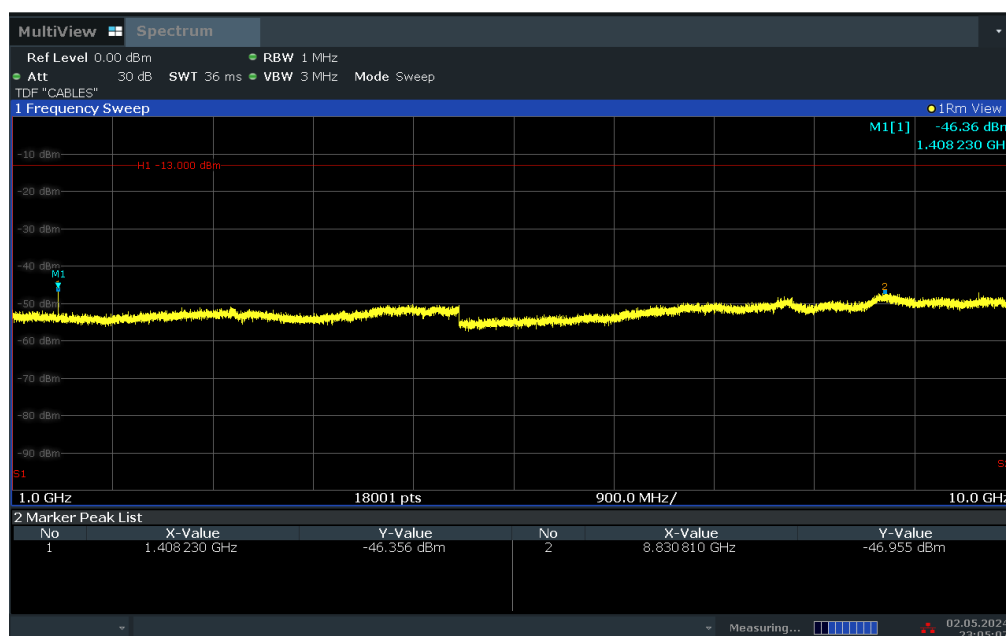
Plot 7-175. Conducted Spurious Plot (LTE Band 12/17 - 10MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 110 of 351

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.

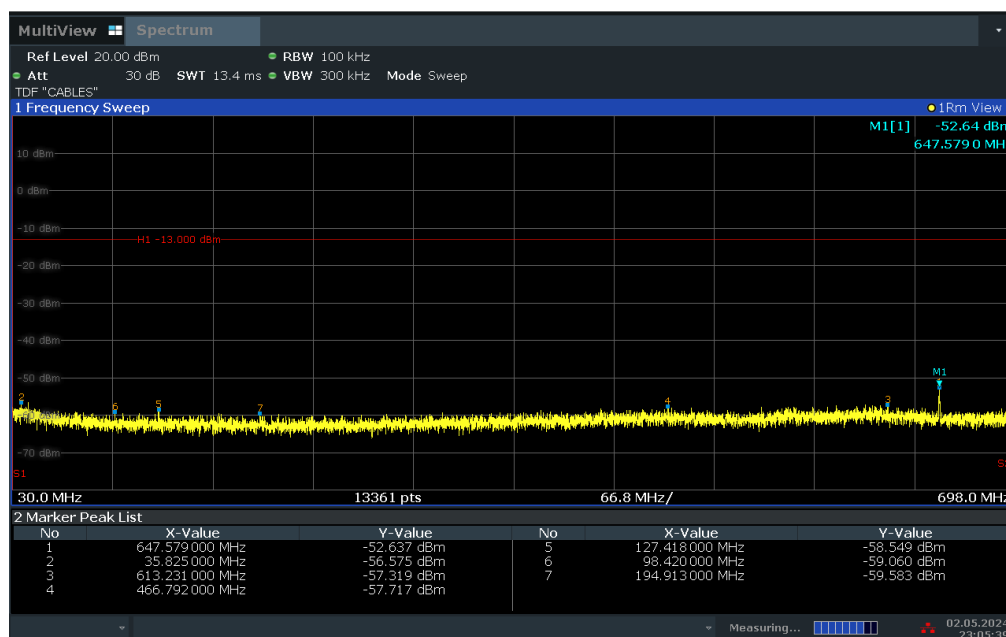
Peak



23:05:08 02.05.2024

Plot 7-176. Conducted Spurious Plot (LTE Band 12/17 - 10MHz QPSK - RB Size 1, RB Offset 0 - Low Channel)

Peak



23:05:40 02.05.2024

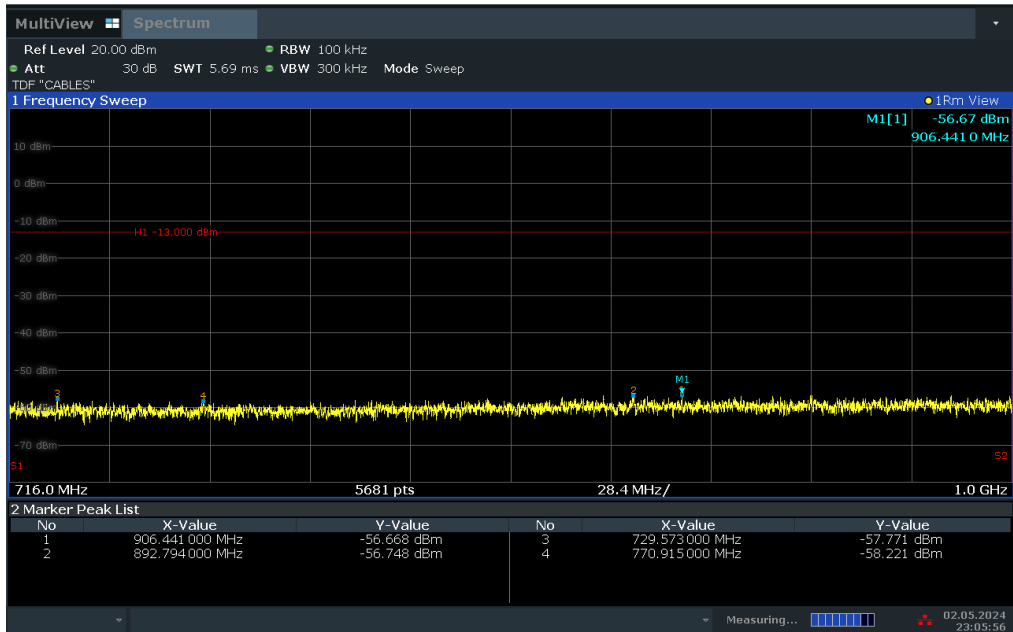
Plot 7-177. Conducted Spurious Plot (LTE Band 12/17 - 10MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 111 of 351

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.

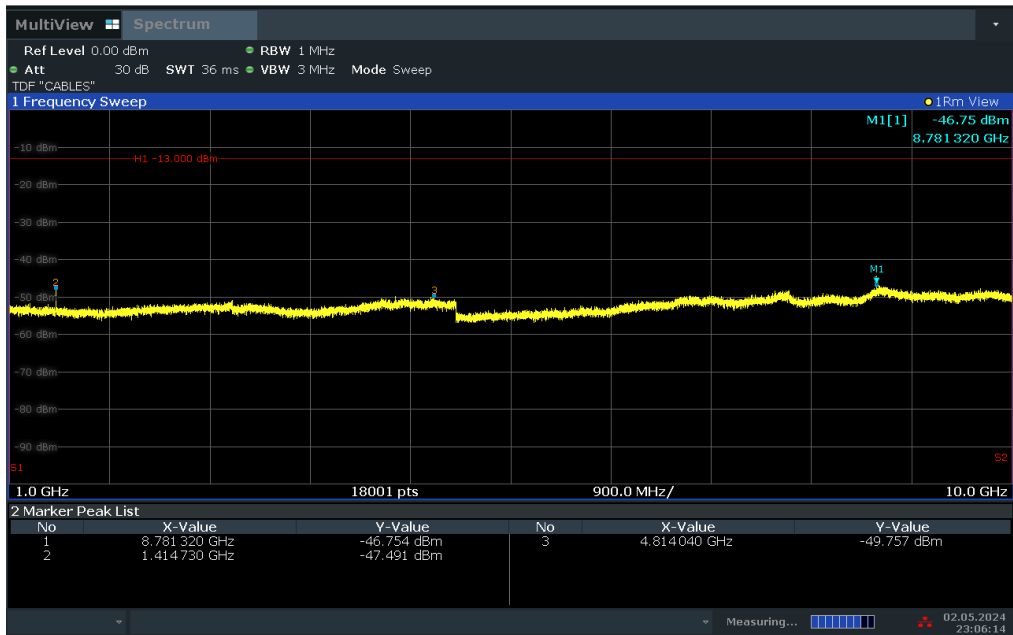
Peak



23:05:57 02.05.2024

Plot 7-178. Conducted Spurious Plot (LTE Band 12/17 - 10MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

Peak



23:06:14 02.05.2024

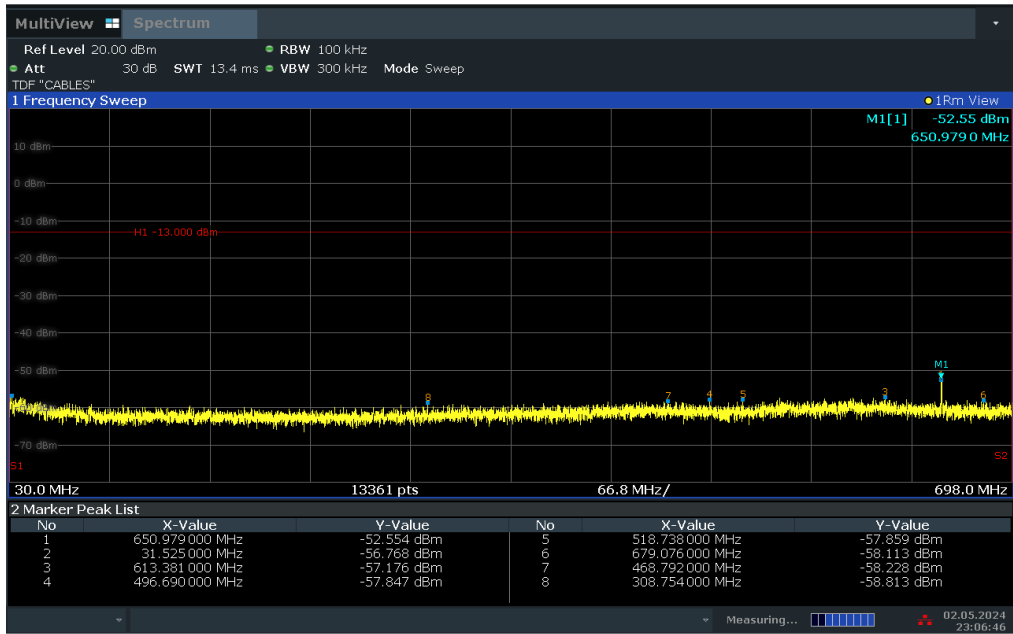
Plot 7-179. Conducted Spurious Plot (LTE Band 12/17 - 10MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel)

FCC ID: BCGA2995	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 112 of 351

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.

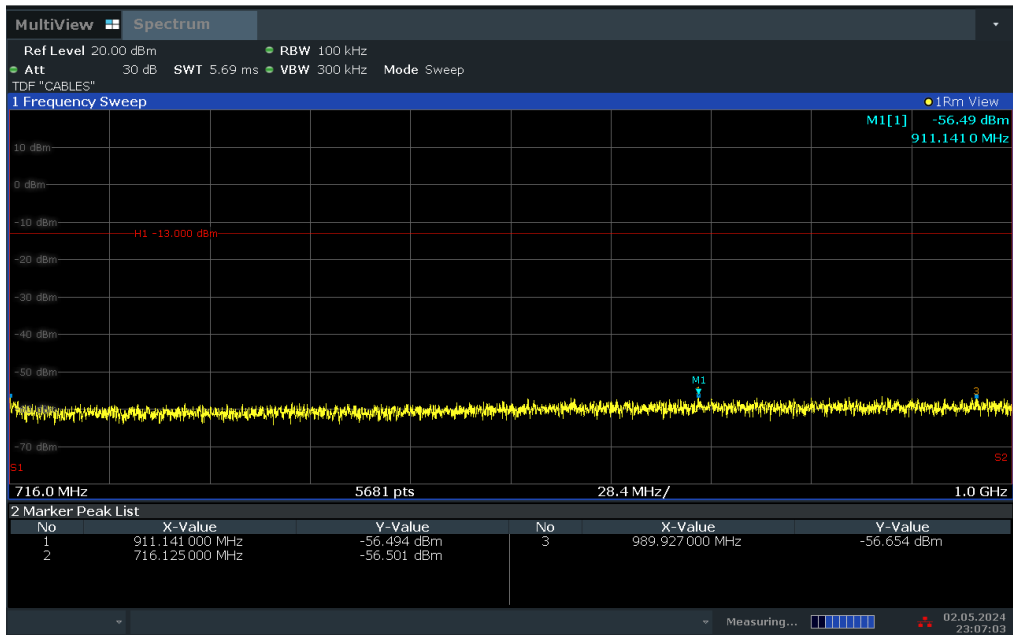
Peak



23:06:46 02.05.2024

Plot 7-180. Conducted Spurious Plot (LTE Band 12/17 - 10MHz QPSK - RB Size 1, RB Offset 0 - High Channel)

Peak



23:07:04 02.05.2024

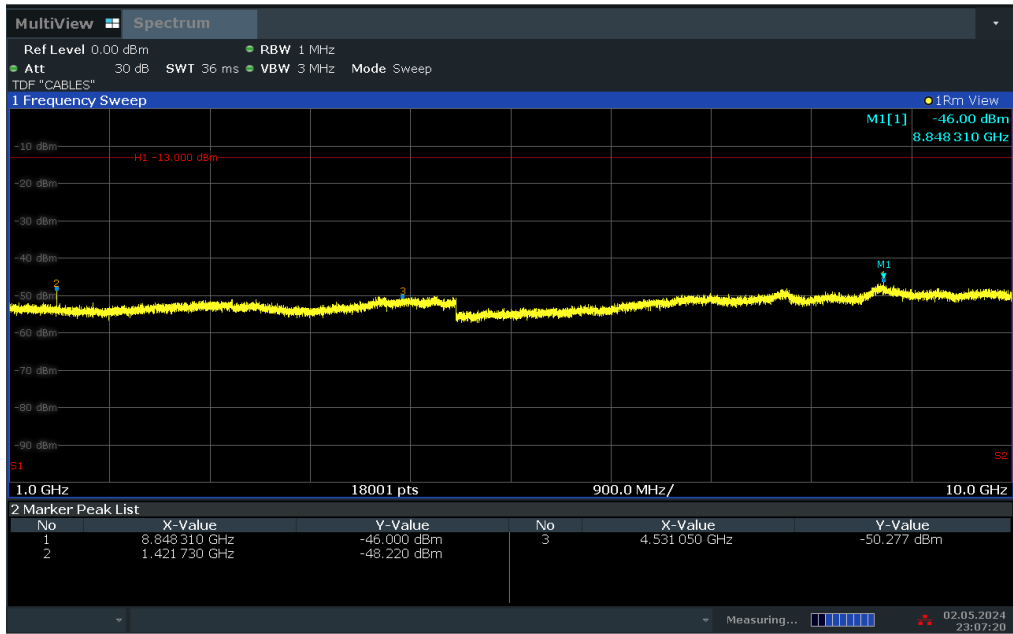
Plot 7-181. Conducted Spurious Plot (LTE Band 12/17 - 10MHz QPSK - RB Size 1, RB Offset 0 - High Channel)

FCC ID: BCGA2995	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 113 of 351

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.

Peak



23:07:21 02.05.2024

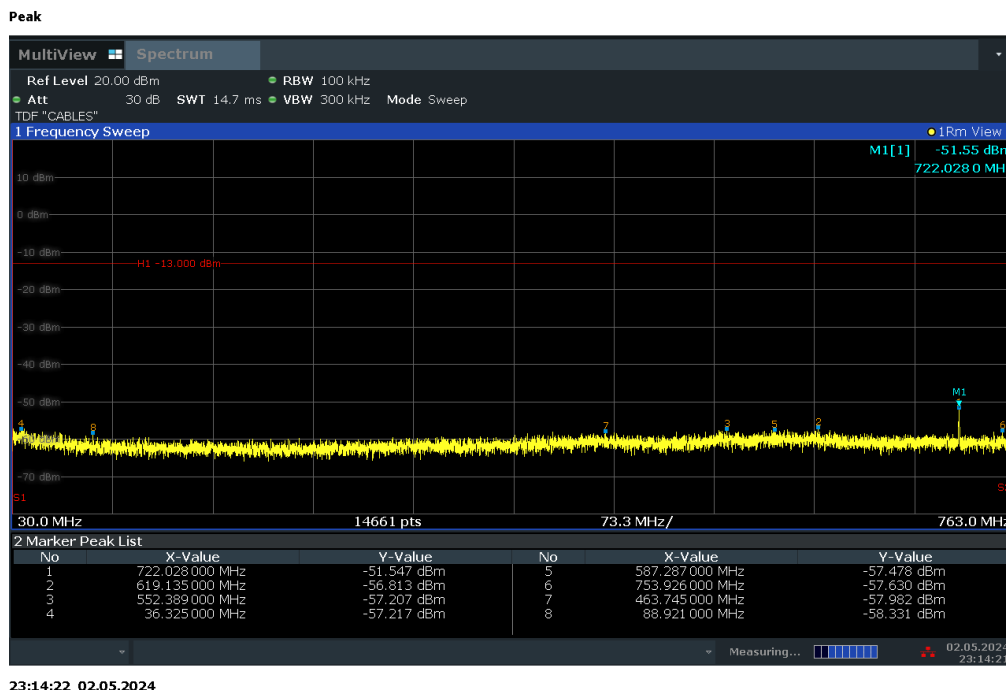
Plot 7-182. Conducted Spurious Plot (LTE Band 12/17 - 10MHz QPSK - RB Size 1, RB Offset 0 - High Channel)

FCC ID: BCGA2995	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 114 of 351

V2.2 09/07/2023

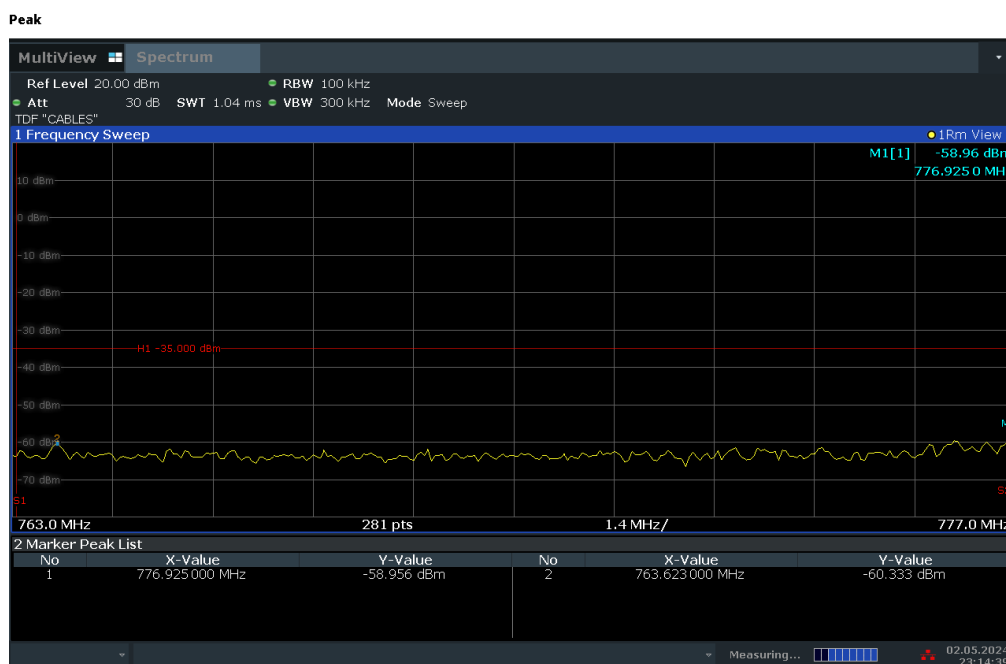
Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry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

LTE Band 13



23:14:22 02.05.2024

Plot 7-183. Conducted Spurious Plot (LTE Band 13 - 10MHz QPSK - RB Size 1, RB Offset 0)



23:14:39 02.05.2024

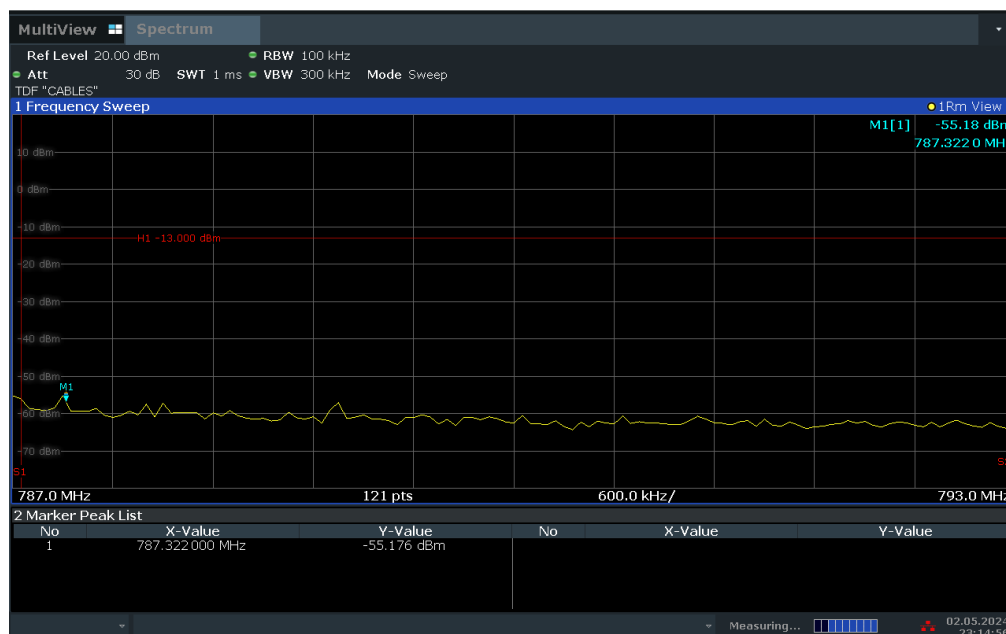
Plot 7-184. Conducted Spurious Plot (LTE Band 13 - 10MHz QPSK - RB Size 1, RB Offset 0)

FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 115 of 351

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.

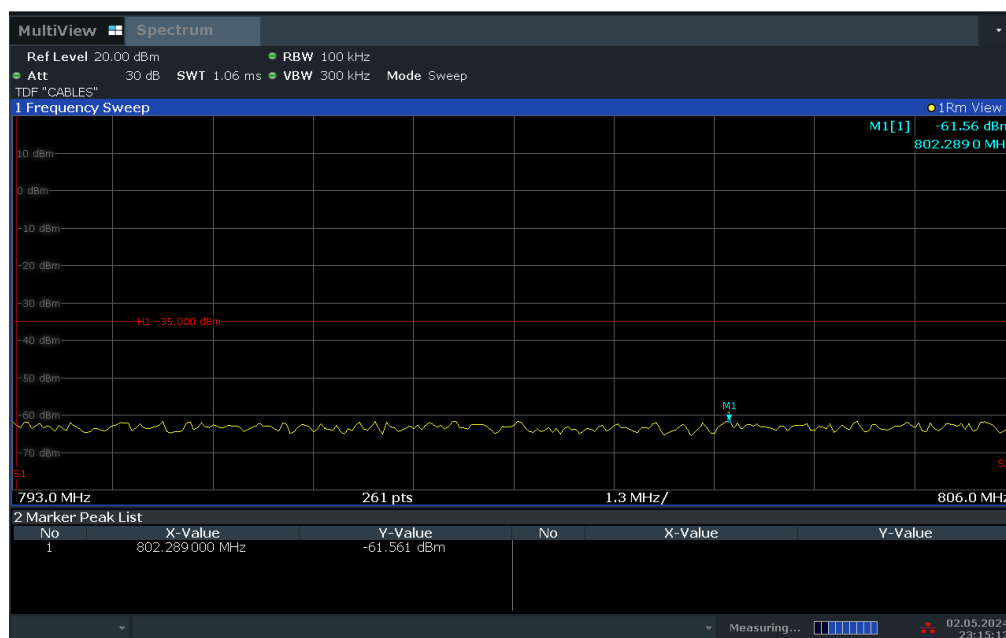
Peak



23:14:56 02.05.2024

Plot 7-185. Conducted Spurious Plot (LTE Band 13 - 10MHz QPSK - RB Size 1, RB Offset 0)

Peak



23:15:13 02.05.2024

Plot 7-186. Conducted Spurious Plot (LTE Band 13 - 10MHz QPSK - RB Size 1, RB Offset 0)

FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-09-R1.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 116 of 351

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.