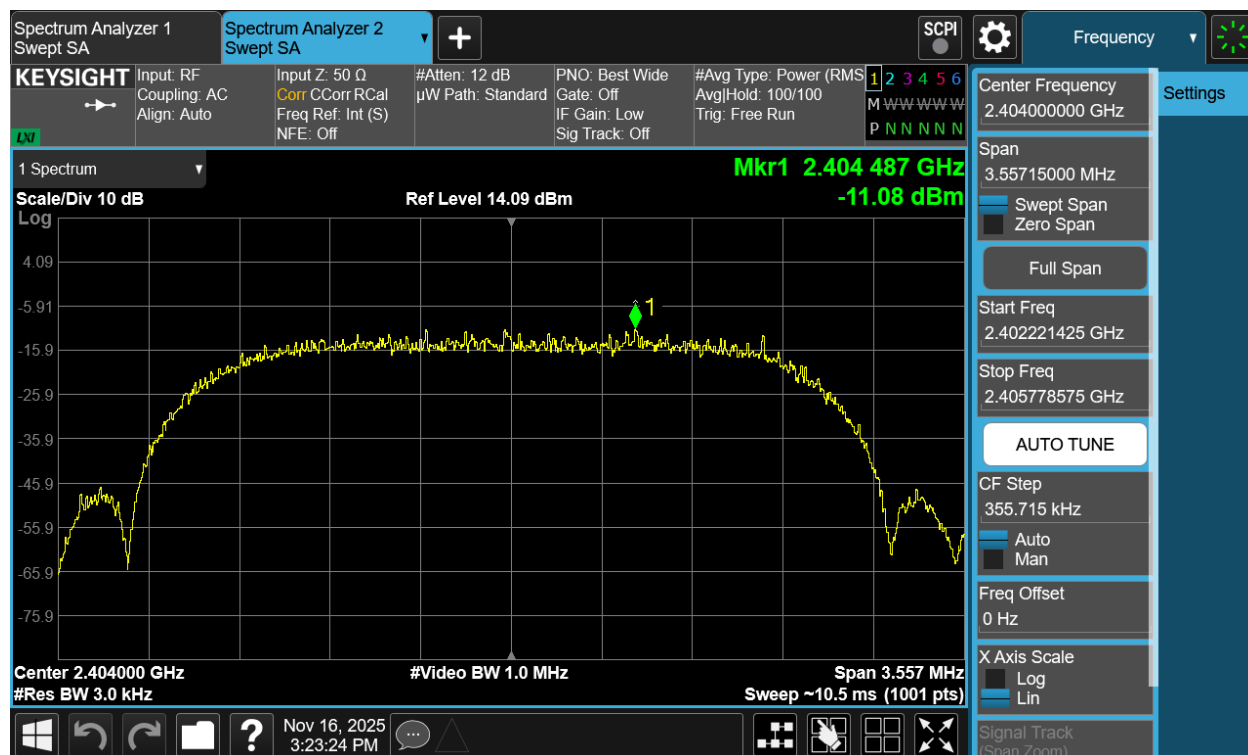
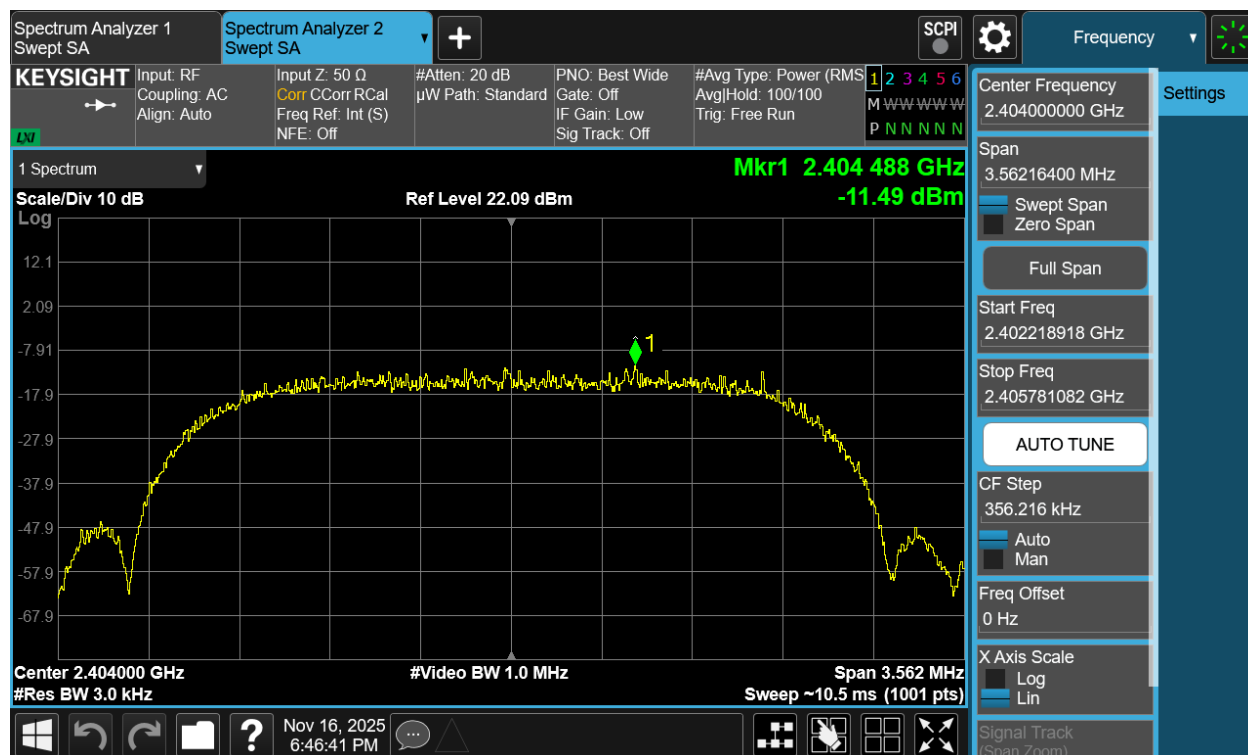




Plot 7-175. Power Spectral Density Plot TxBF Antenna 3a (Bluetooth (HDRPS2), 2Mbps, iPA – Ch. 1)

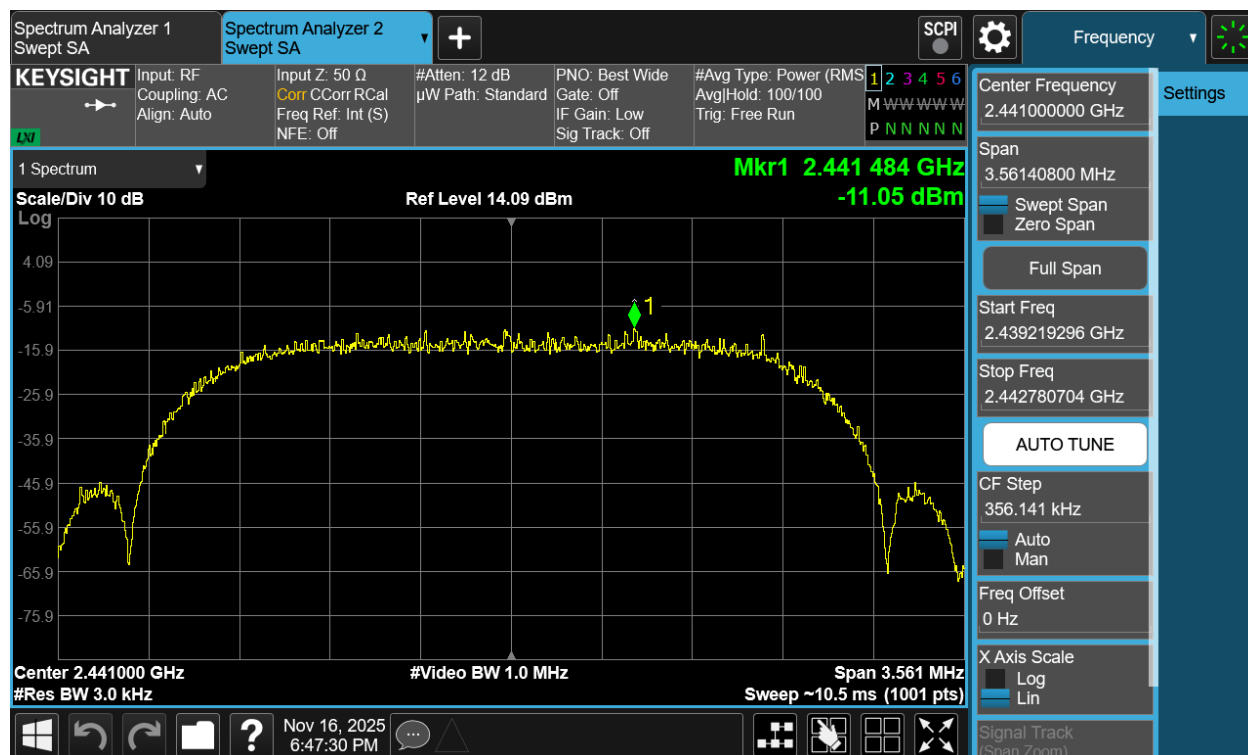
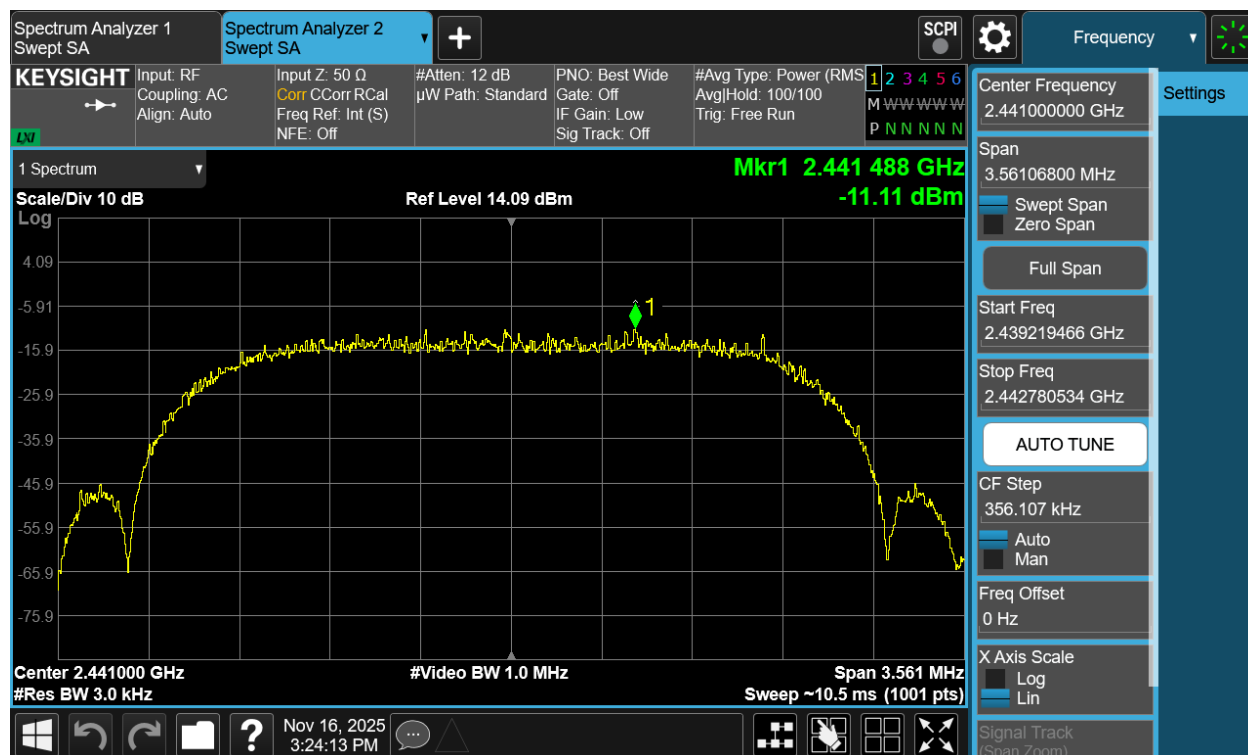


Plot 7-176. Power Spectral Density Plot TxBF Antenna 1a (Bluetooth (HDRPS2), 2Mbps, iPA – Ch. 1)

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-16-R2.BCG	Test Dates: 09/15/2025 - 01/30/2026	EUT Type: Tablet Device	Page 123 of 222

V 11.0 05/2025

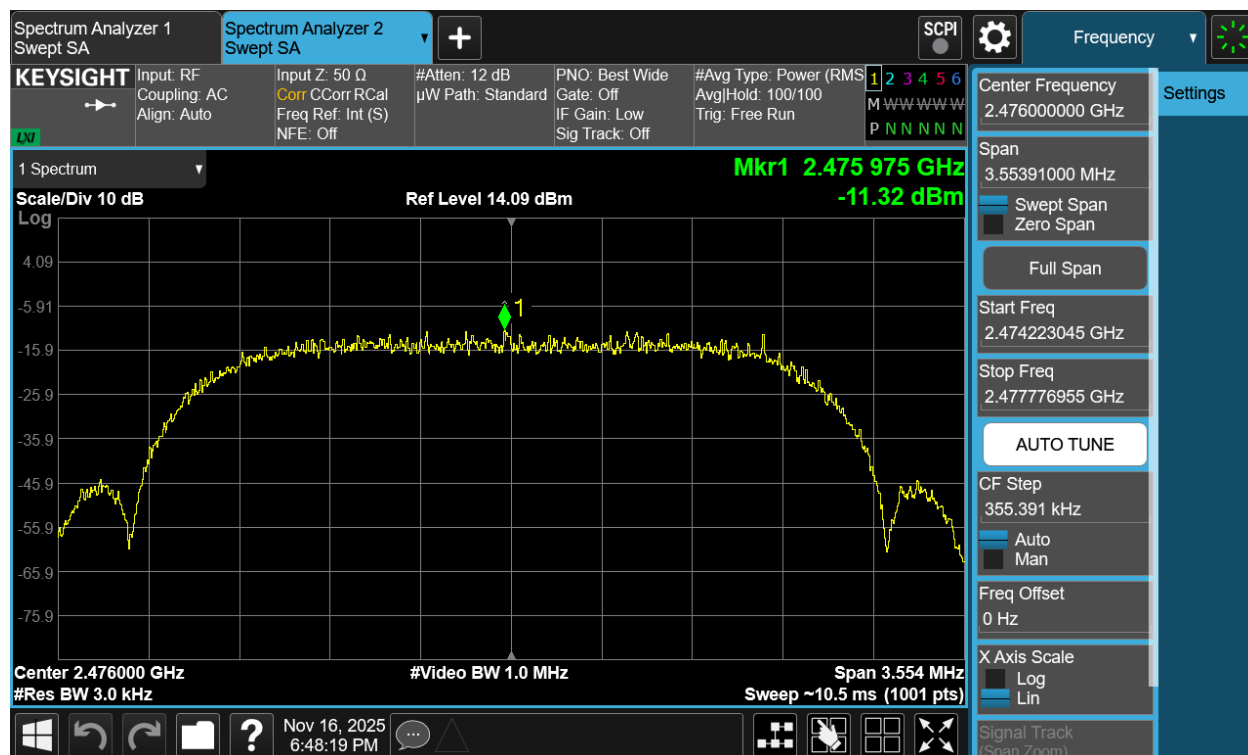
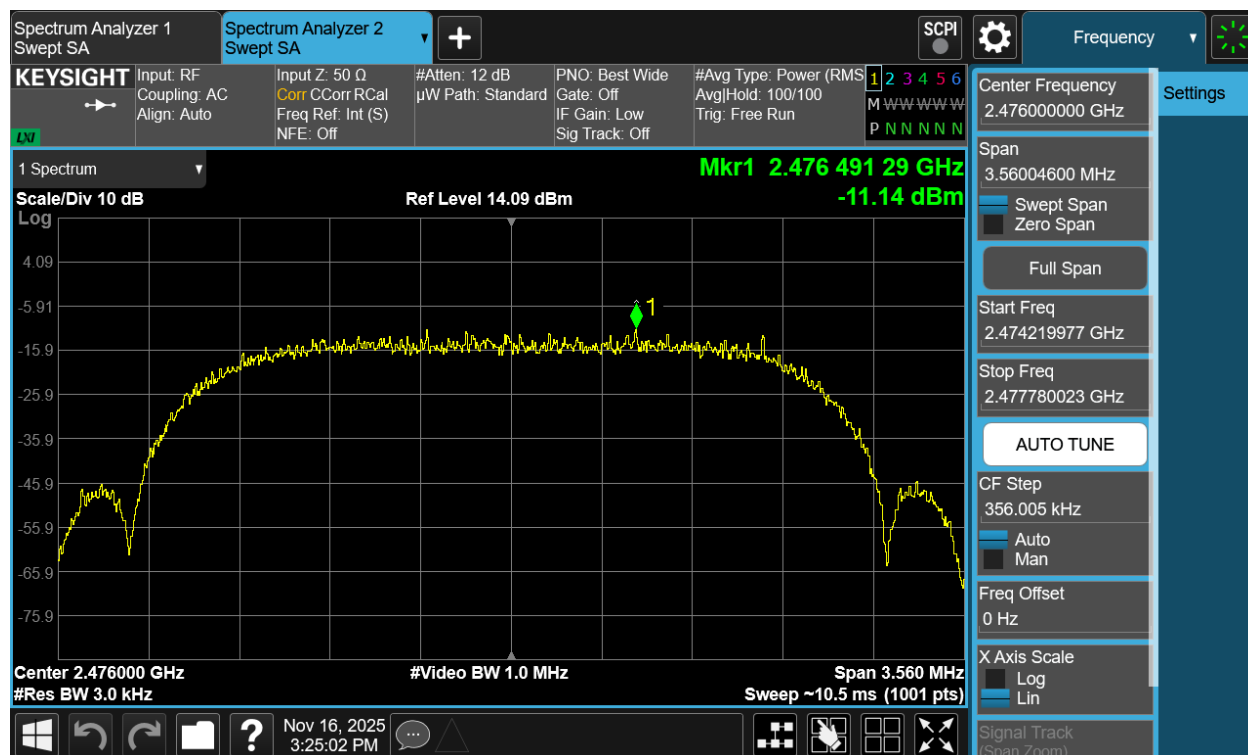
Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry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



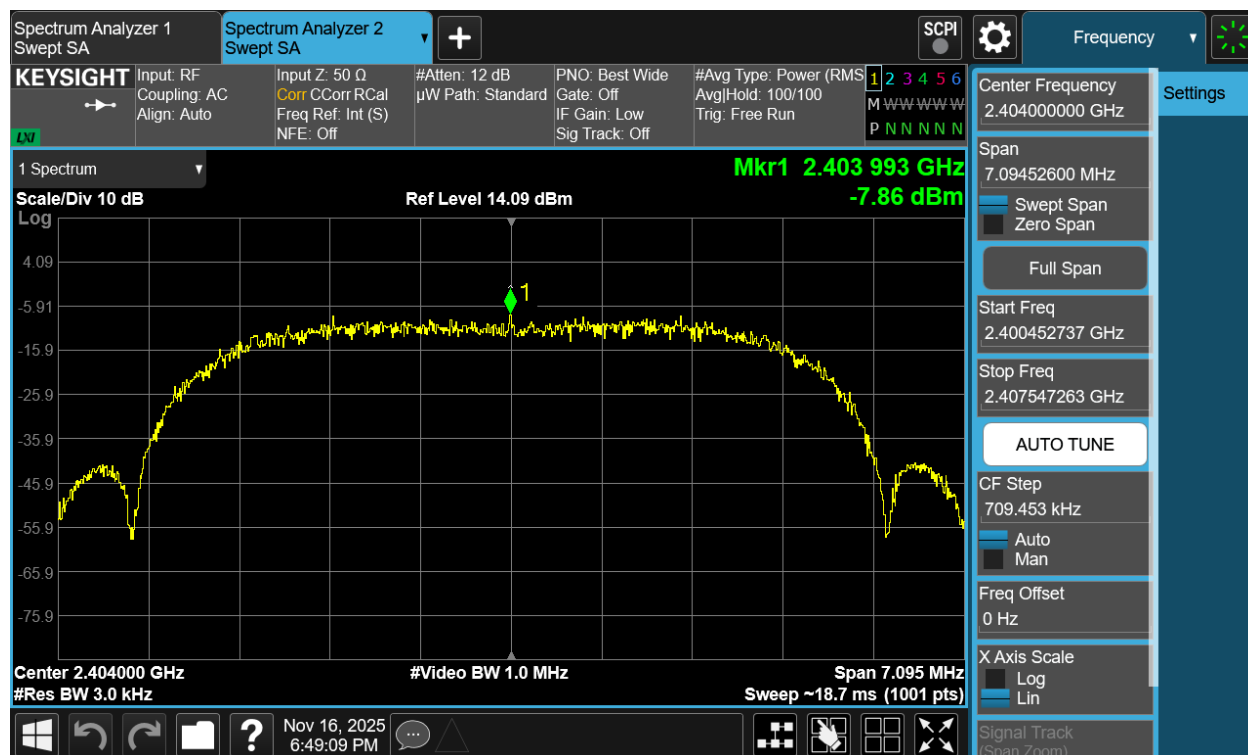
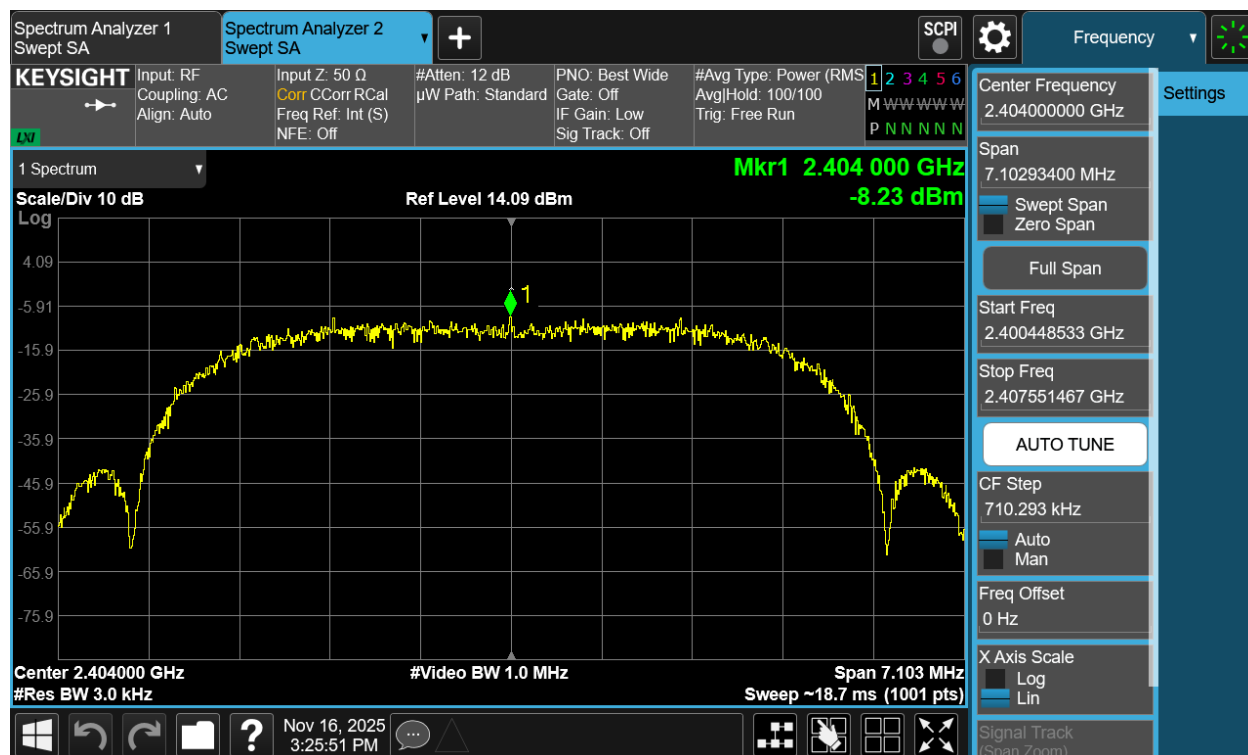
FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-16-R2.BCG	Test Dates: 09/15/2025 - 01/30/2026	EUT Type: Tablet Device	Page 124 of 222

V 11.0 05/2025

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.



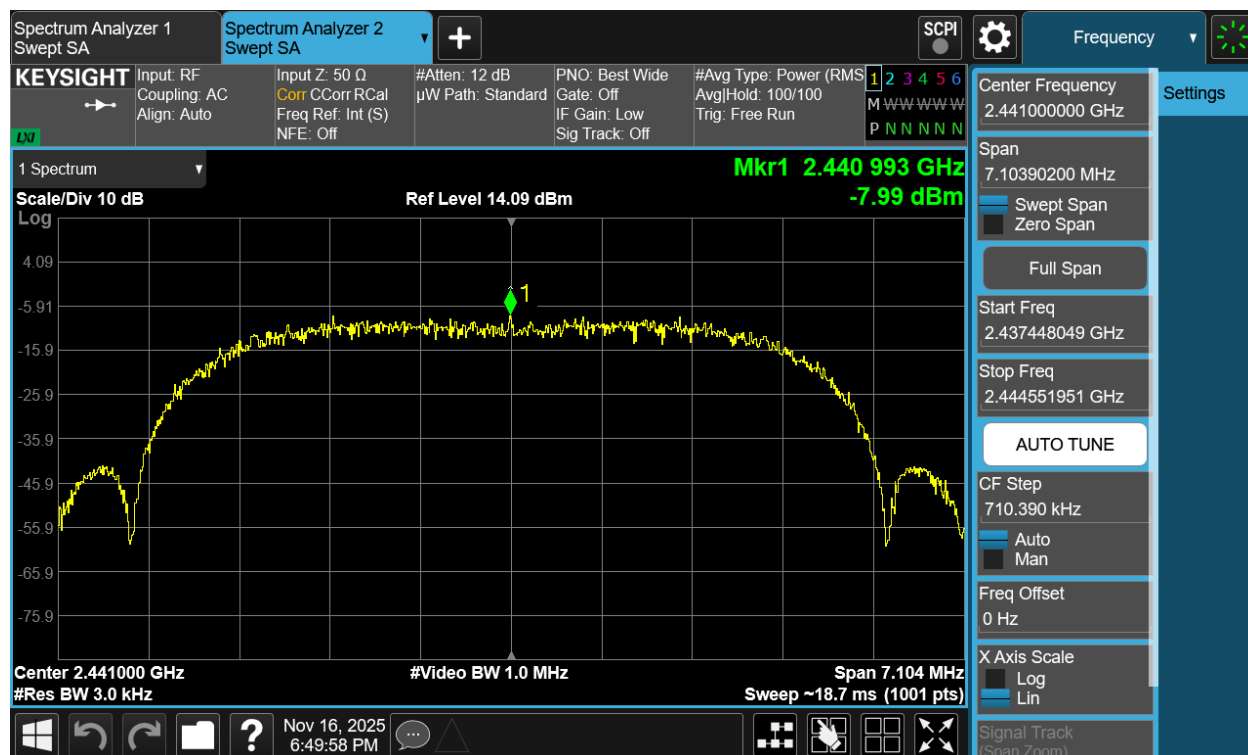
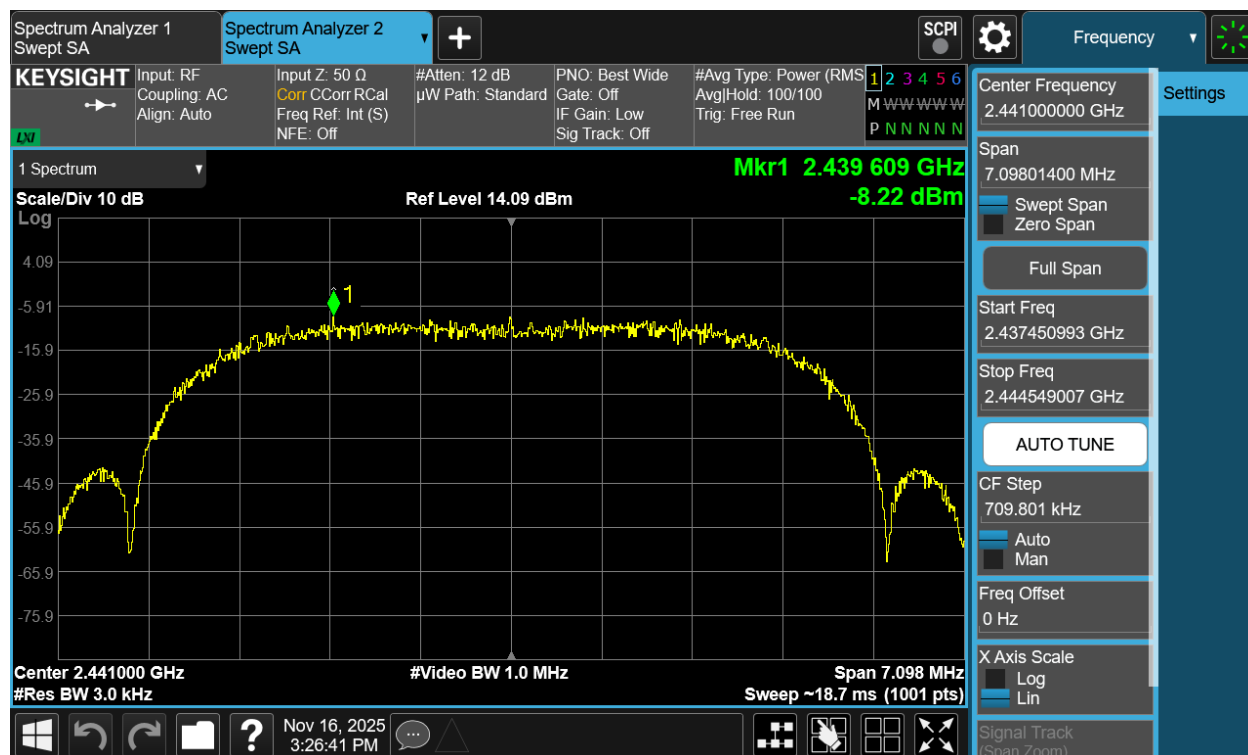
FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-16-R2.BCG	Test Dates: 09/15/2025 - 01/30/2026	EUT Type: Tablet Device	Page 125 of 222



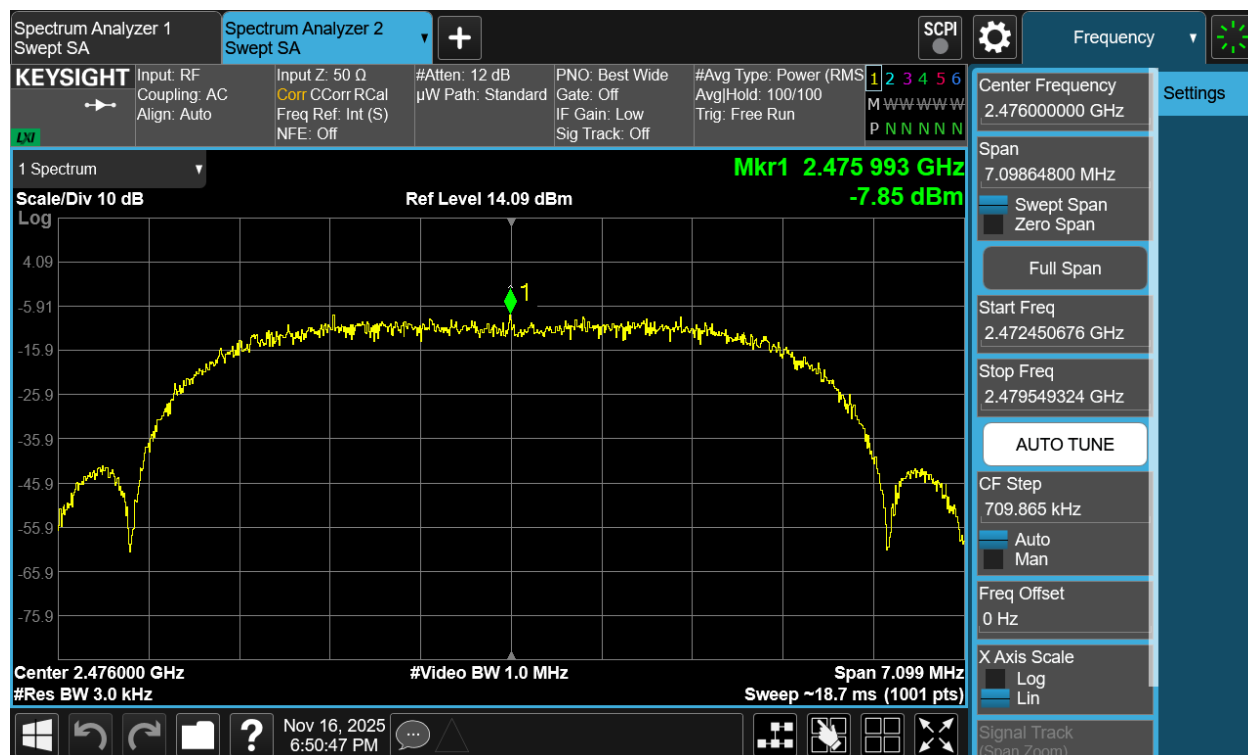
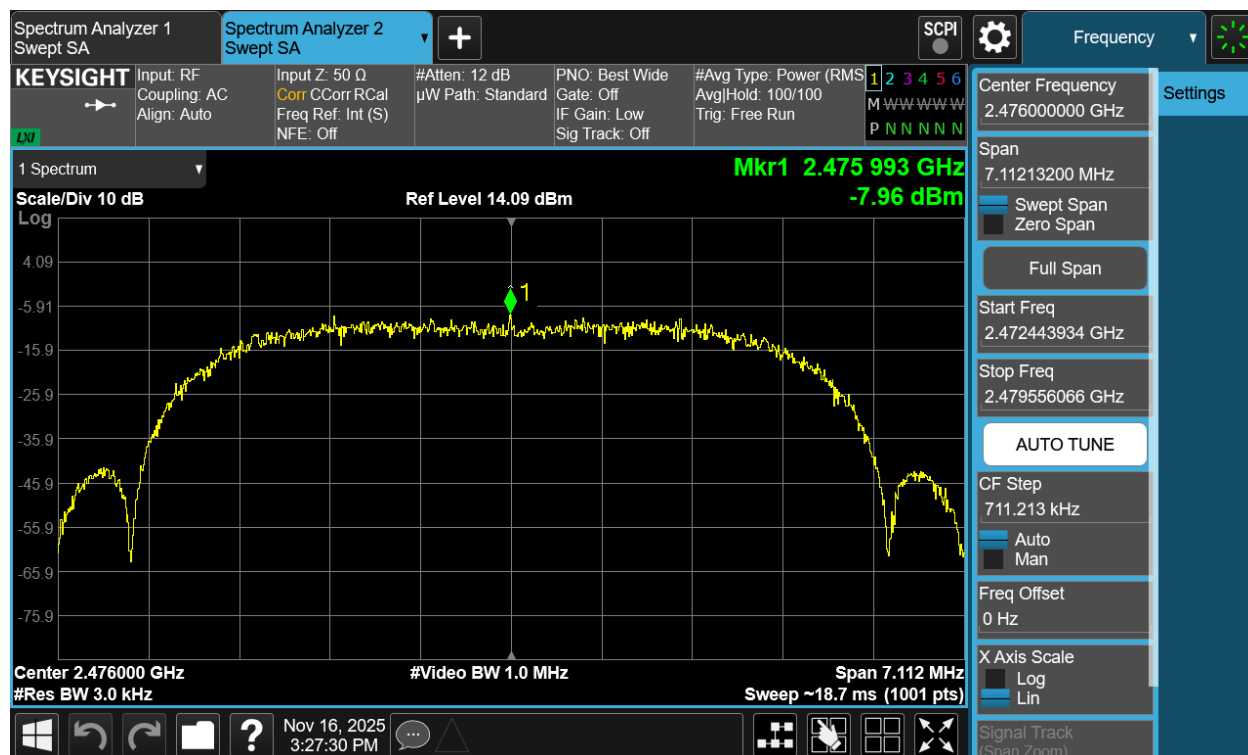
FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-16-R2.BCG	Test Dates: 09/15/2025 - 01/30/2026	EUT Type: Tablet Device	Page 126 of 222

V 11.0 05/2025

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.



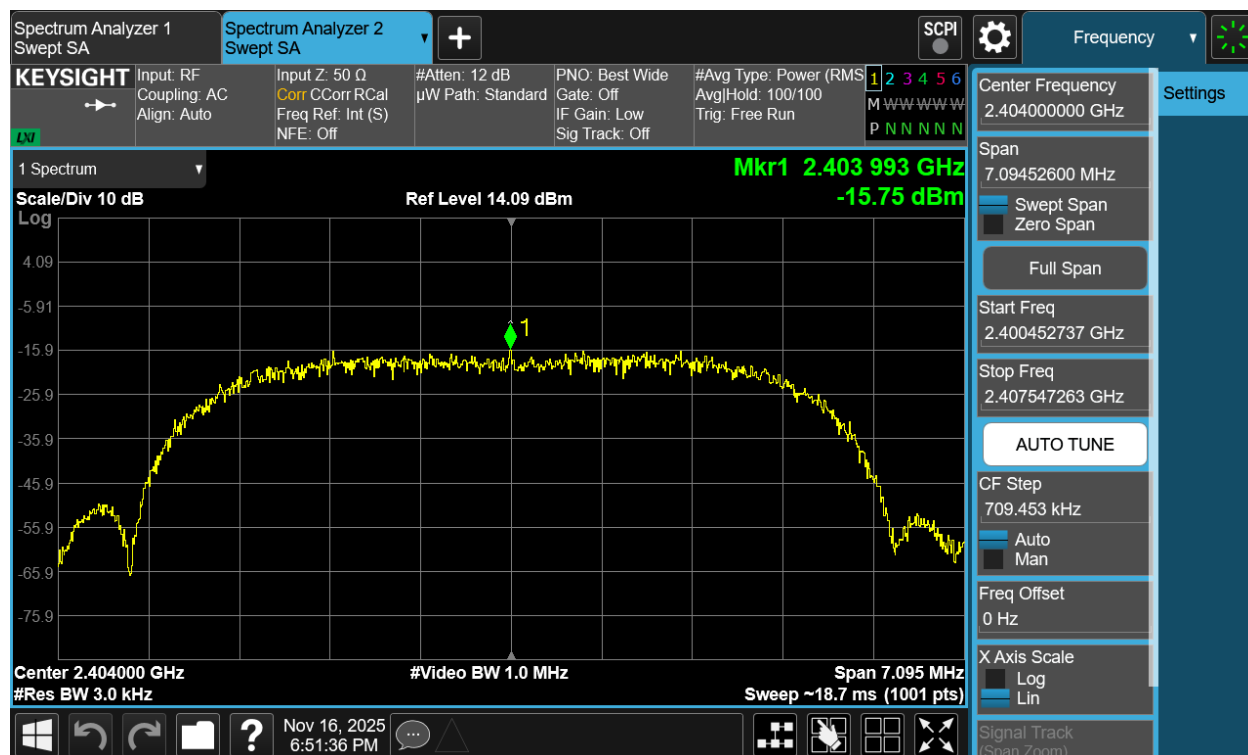
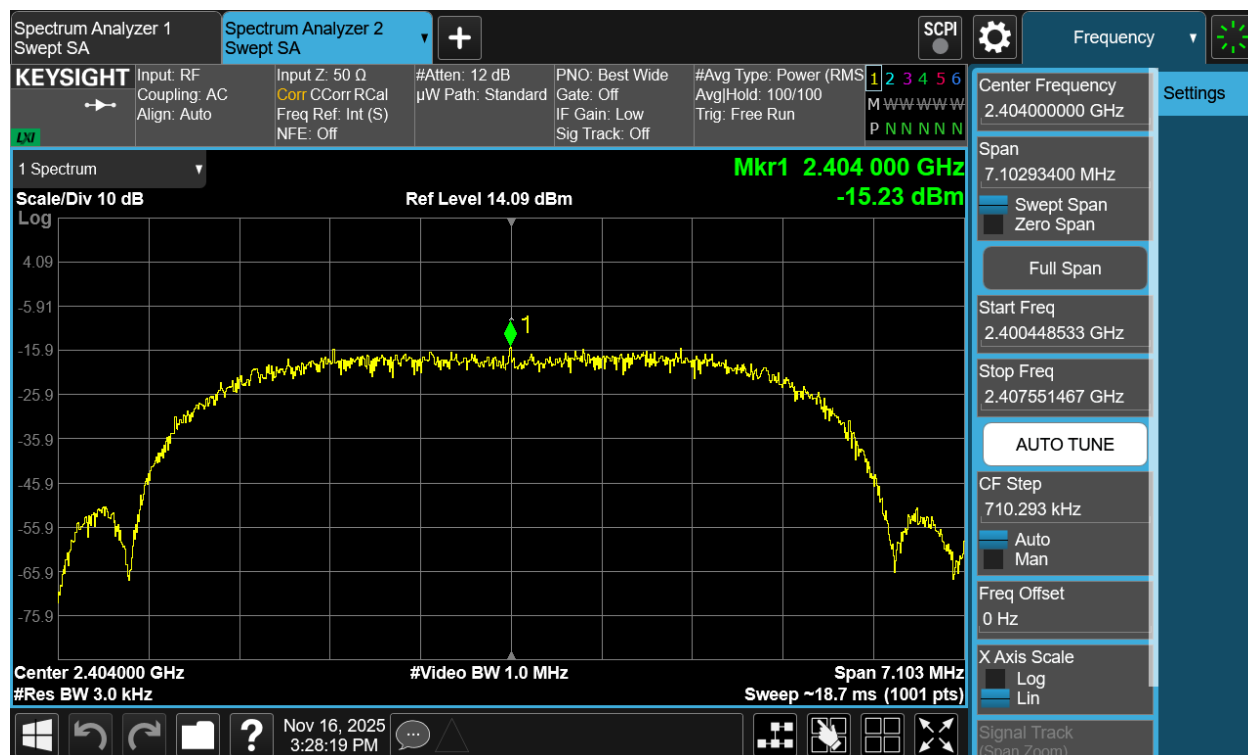
FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-16-R2.BCG	Test Dates: 09/15/2025 - 01/30/2026	EUT Type: Tablet Device	Page 127 of 222



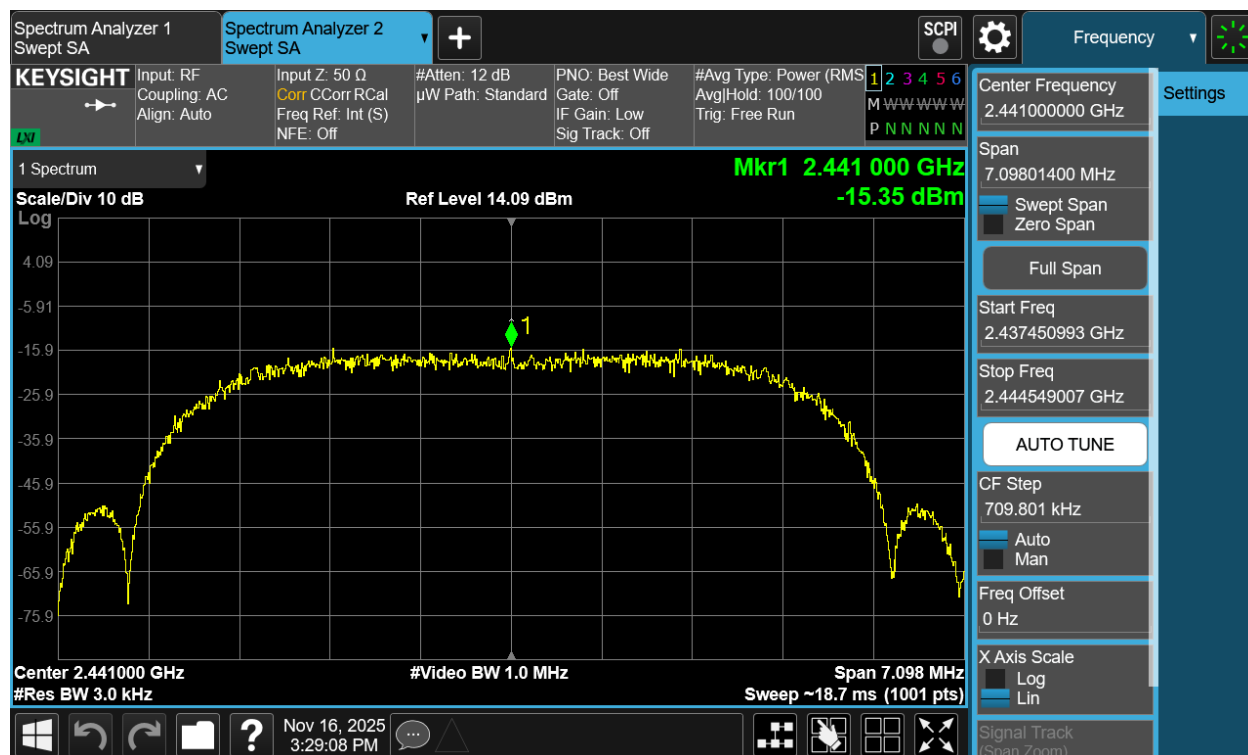
FCC ID: BCGA3462 IC: 579C-A3462	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100082-16-R2.BCG	Test Dates: 09/15/2025 - 01/30/2026	EUT Type: Tablet Device	Page 128 of 222

V 11.0 05/2025

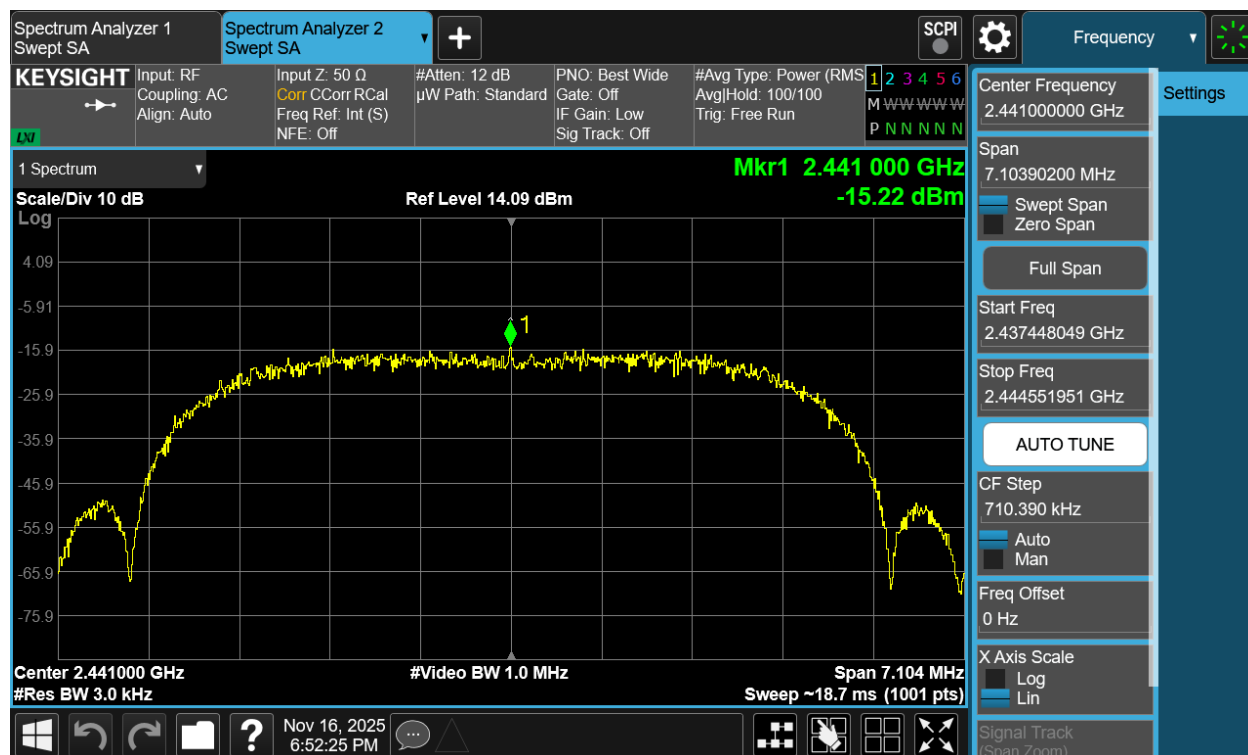
Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry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



FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-16-R2.BCG	Test Dates: 09/15/2025 - 01/30/2026	EUT Type: Tablet Device	Page 129 of 222



Plot 7-189. Power Spectral Density Plot TxBF Antenna 3a (Bluetooth (XHDRPM6), 6Mbps, iPA – Ch. 38)

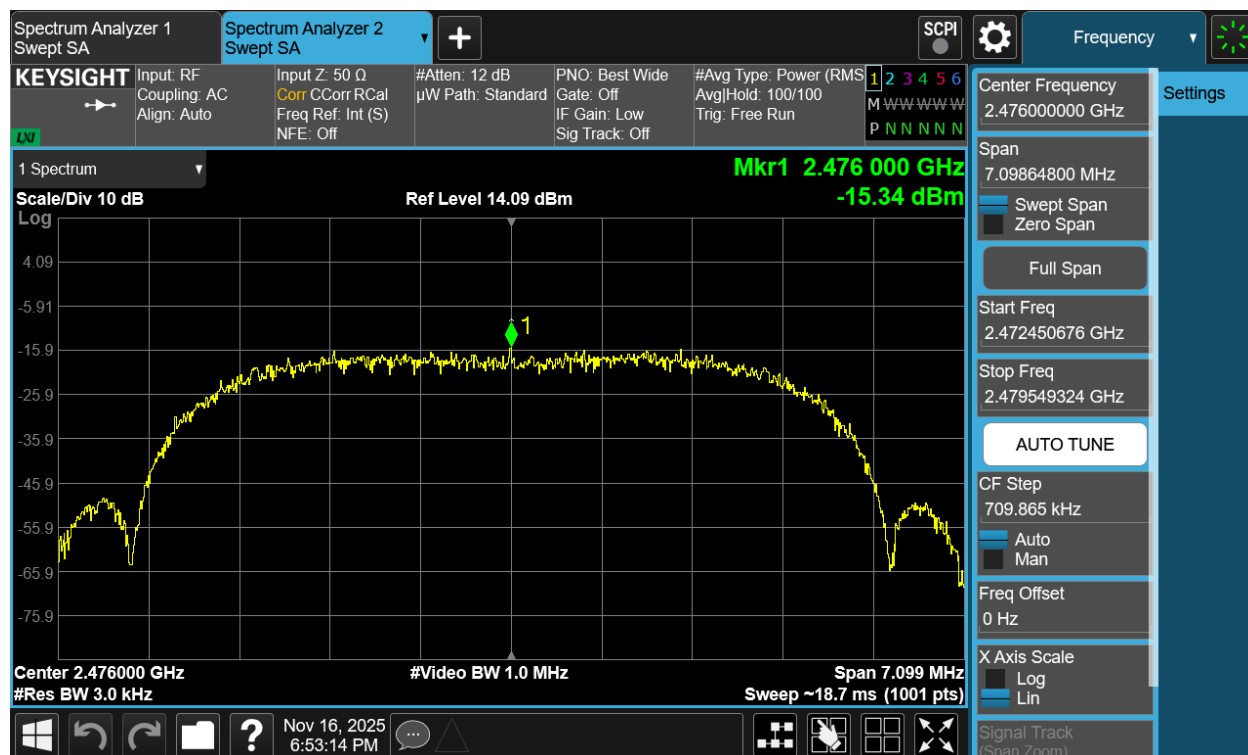
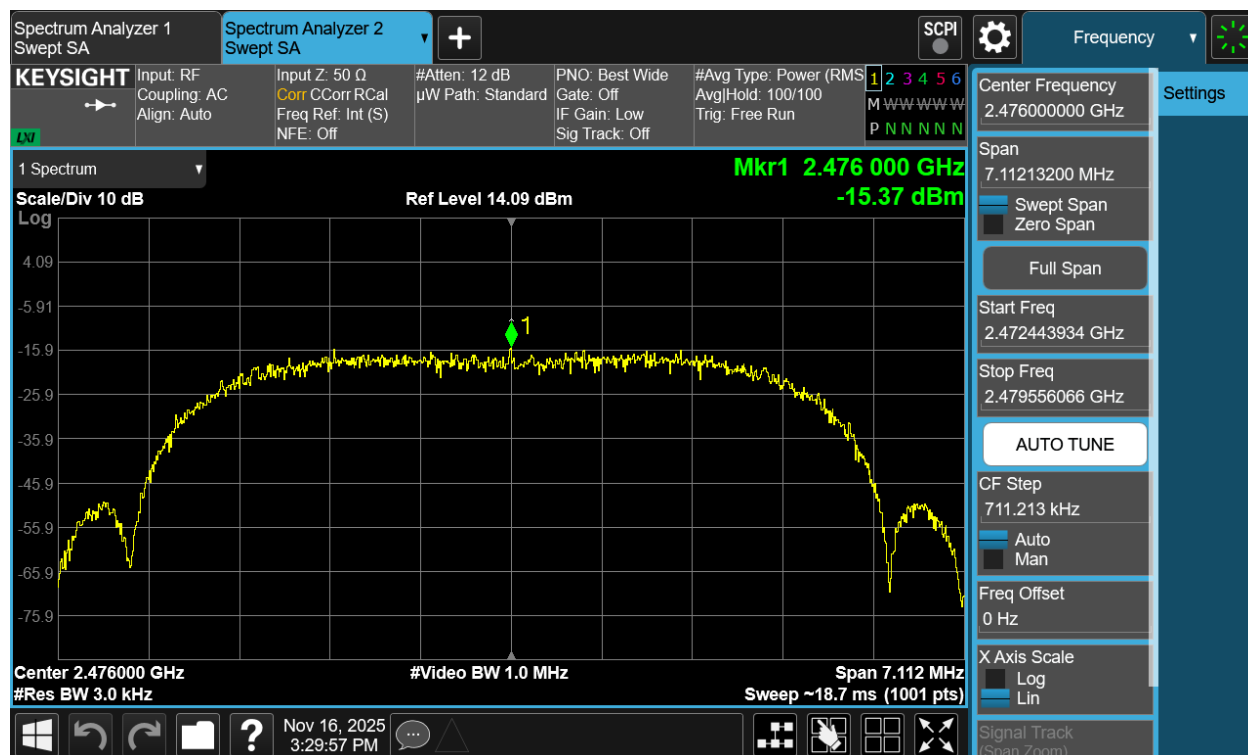


Plot 7-190. Power Spectral Density Plot TxBF Antenna 1a (Bluetooth (XHDRPM6), 6Mbps, iPA – Ch. 38)

FCC ID: BCGA3462 IC: 579C-A3462	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100082-16-R2.BCG	Test Dates: 09/15/2025 - 01/30/2026	EUT Type: Tablet Device	Page 130 of 222

V 11.0 05/2025

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: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-16-R2.BCG	Test Dates: 09/15/2025 - 01/30/2026	EUT Type: Tablet Device	Page 131 of 222

V 11.0 05/2025

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.

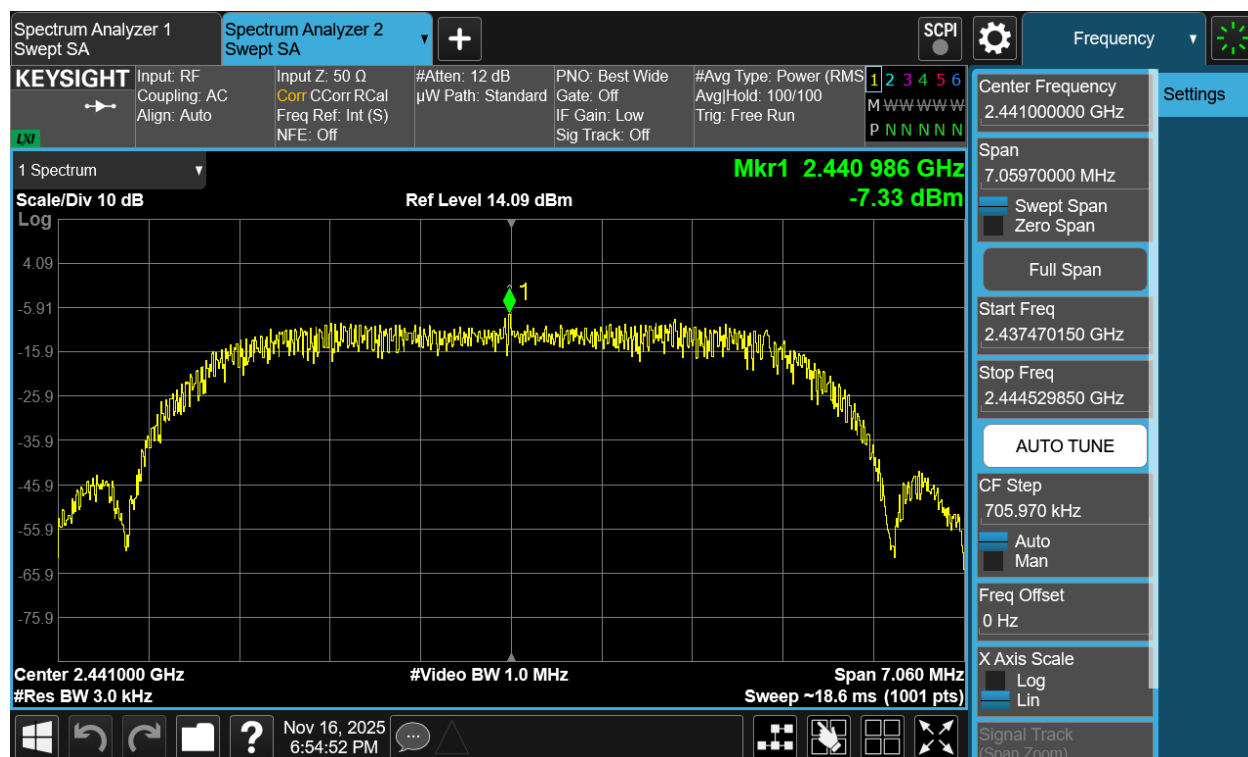
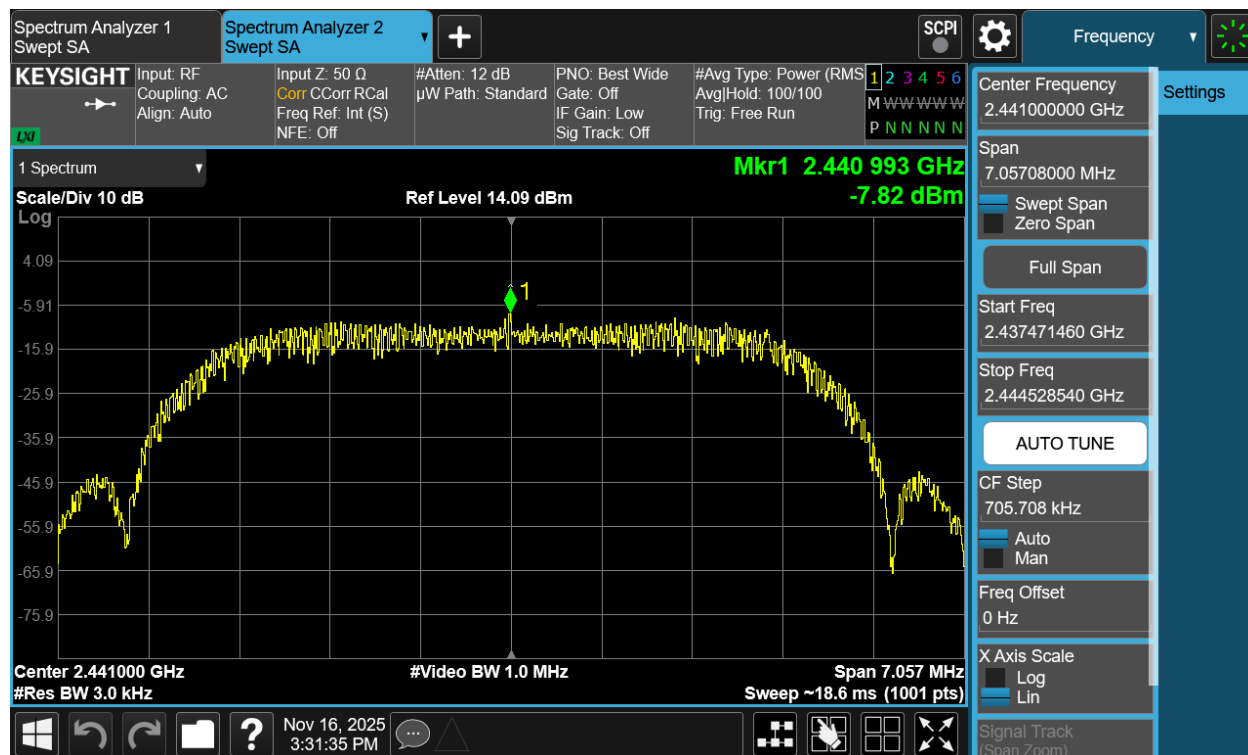


Plot 7-193. Power Spectral Density Plot TxBF Antenna 3a (Bluetooth (HDRPM16), 16Mbps, ePA – Ch. 1)



Plot 7-194. Power Spectral Density Plot TxBF Antenna 1a (Bluetooth (HDRPM16), 16Mbps, ePA – Ch. 1)

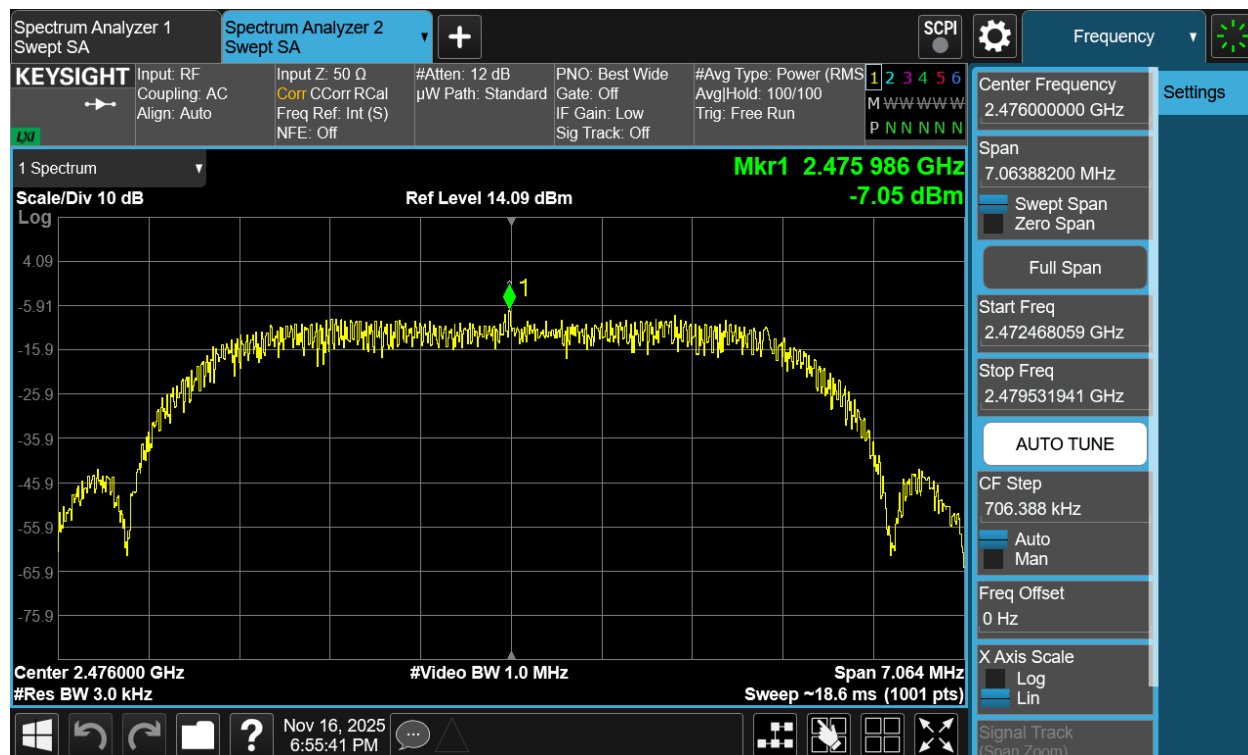
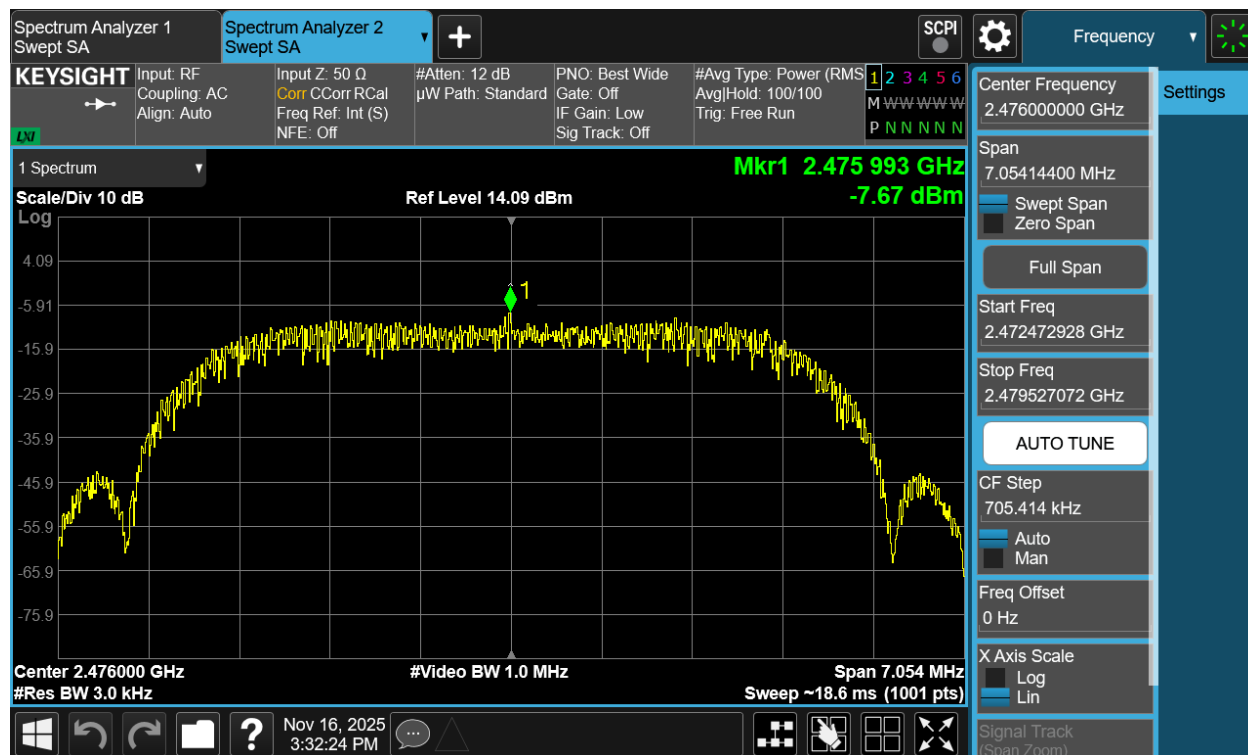
FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-16-R2.BCG	Test Dates: 09/15/2025 - 01/30/2026	EUT Type: Tablet Device	Page 132 of 222



FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-16-R2.BCG	Test Dates: 09/15/2025 - 01/30/2026	EUT Type: Tablet Device	Page 133 of 222

V 11.0 05/2025

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.



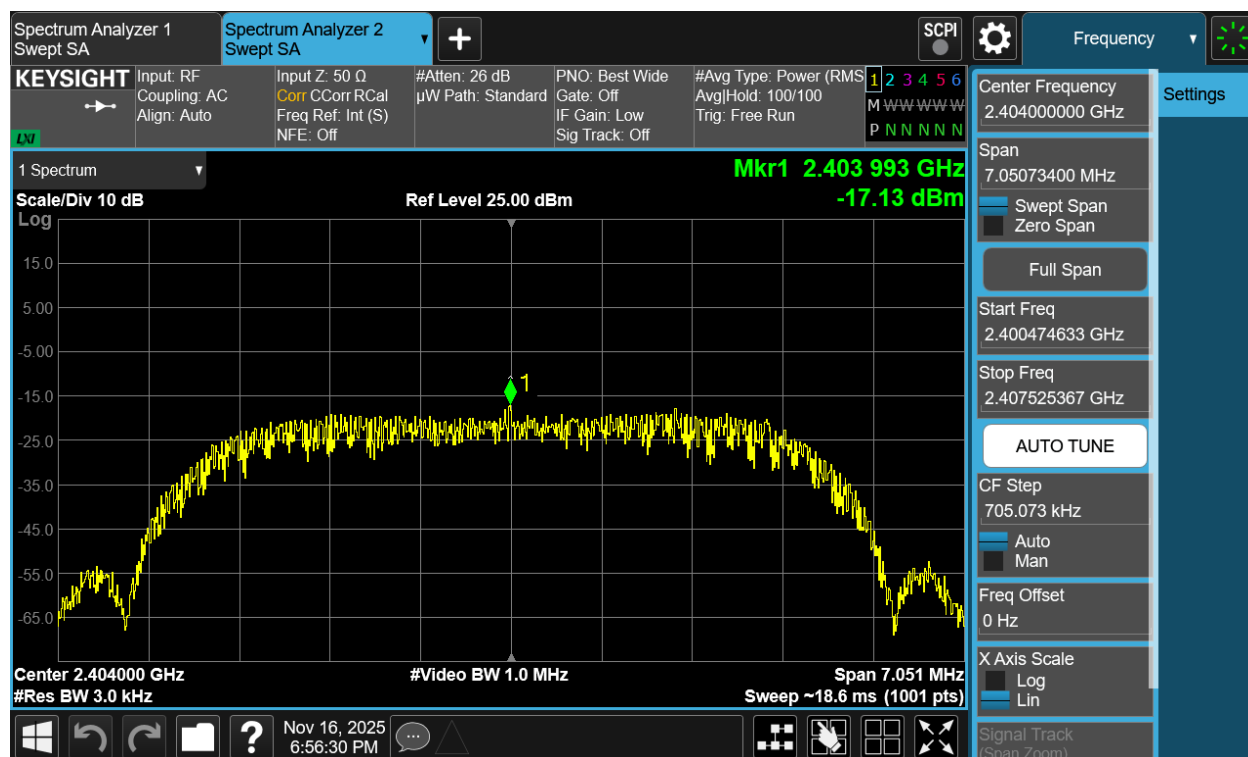
FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-16-R2.BCG	Test Dates: 09/15/2025 - 01/30/2026	EUT Type: Tablet Device	Page 134 of 222

V 11.0 05/2025

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 7-199. Power Spectral Density Plot TxBF Antenna 3a (Bluetooth (HDRPM16), 16Mbps, iPA – Ch. 1)

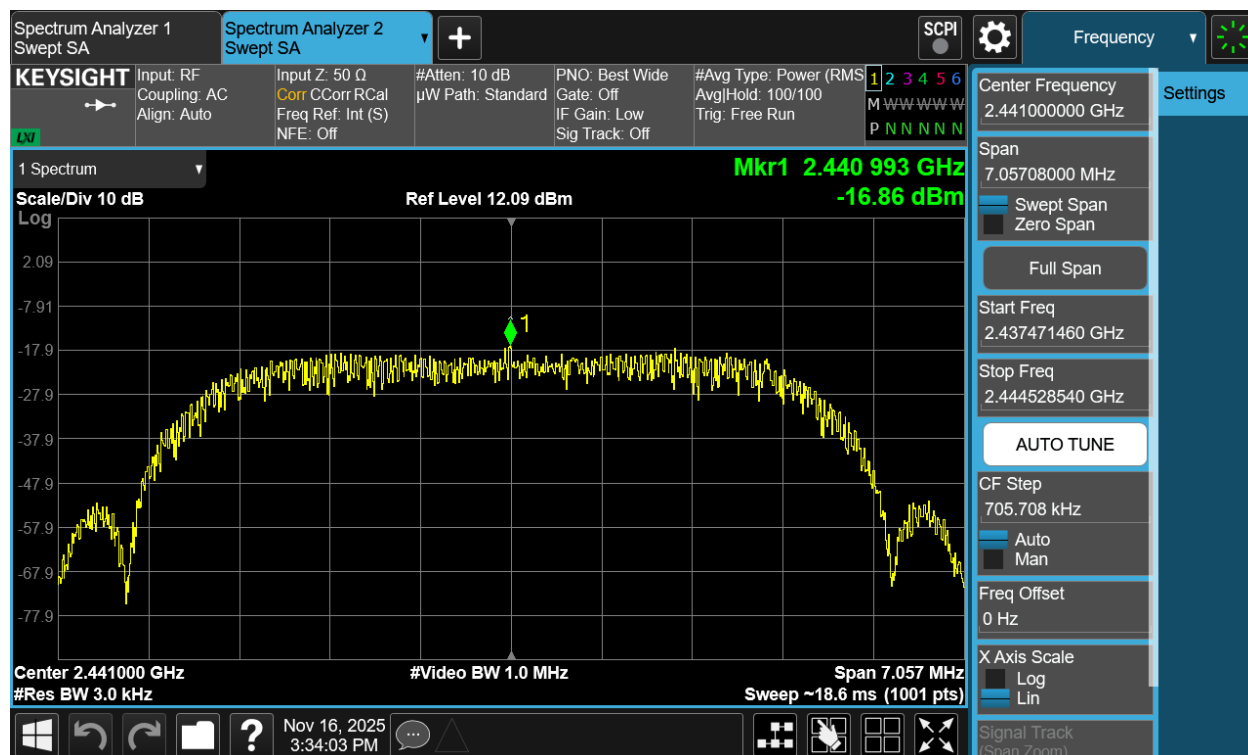


Plot 7-200. Power Spectral Density Plot TxBF Antenna 1a (Bluetooth (HDRPM16), 16Mbps, iPA – Ch. 1)

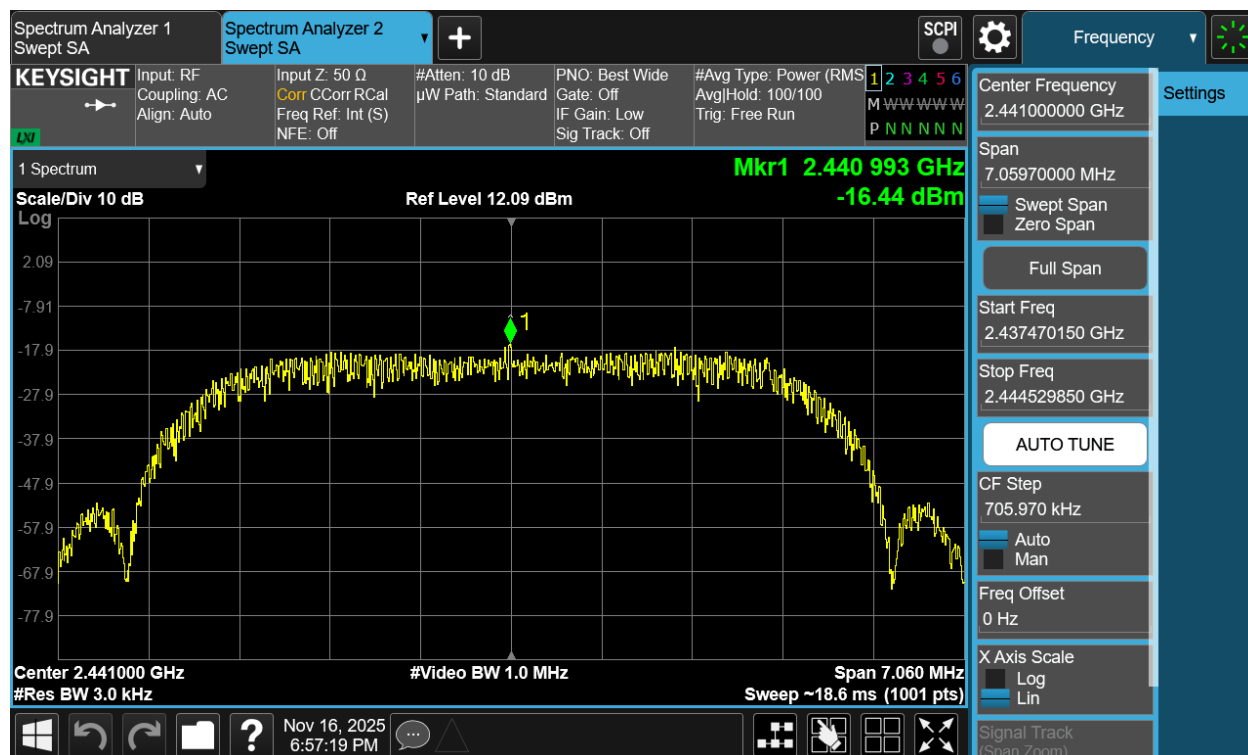
FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-16-R2.BCG	Test Dates: 09/15/2025 - 01/30/2026	EUT Type: Tablet Device	Page 135 of 222

V 11.0 05/2025

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.

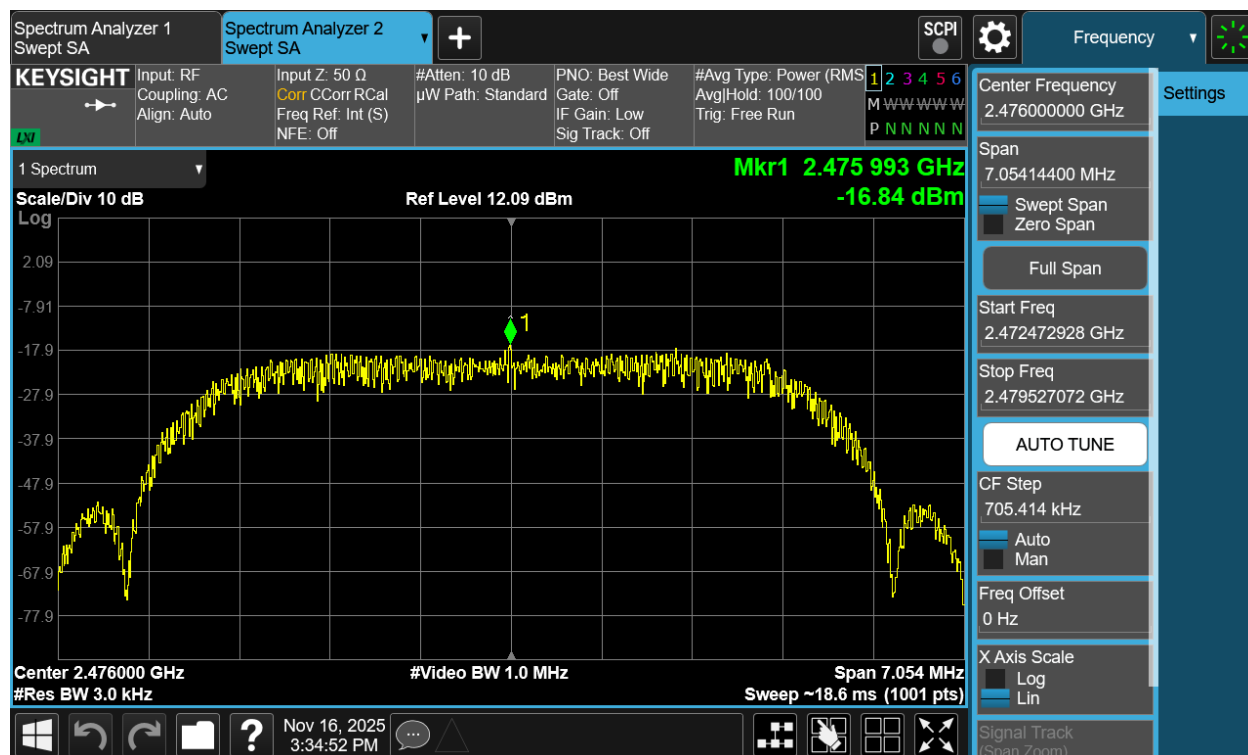


Plot 7-201. Power Spectral Density Plot TxBF Antenna 3a (Bluetooth (HDRPM16), 16Mbps, iPA – Ch. 38)

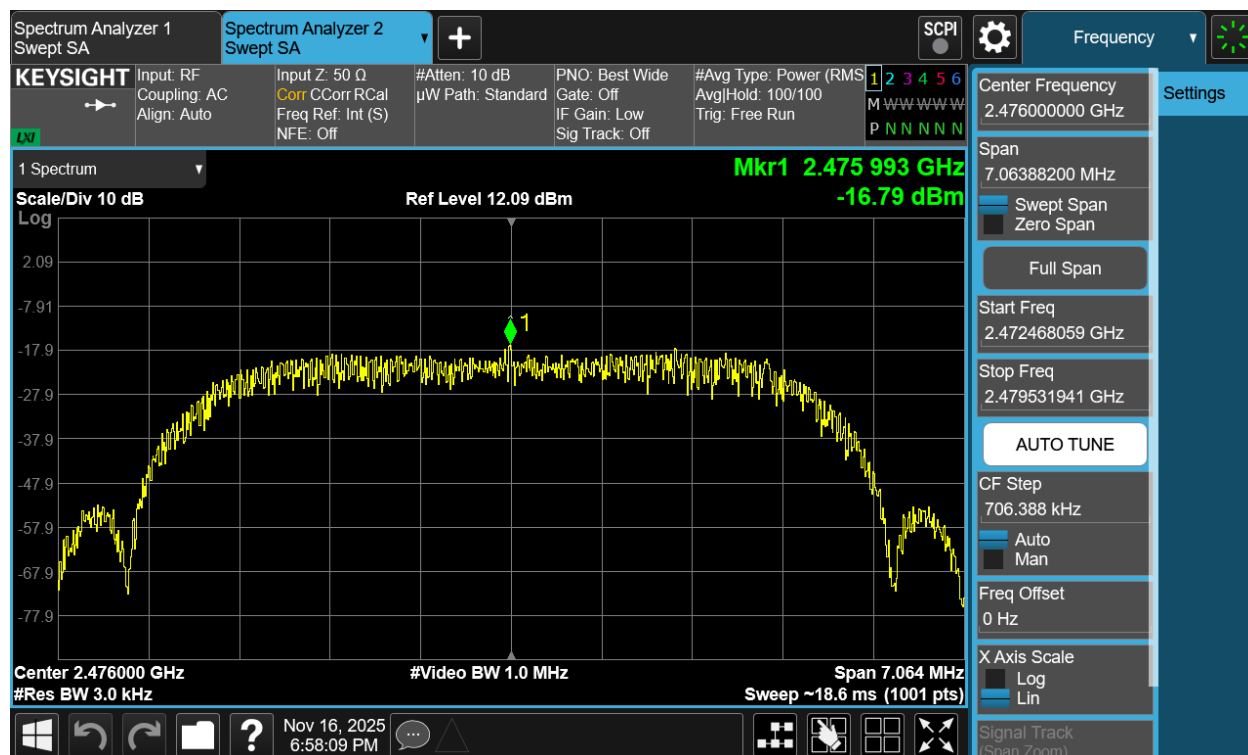


Plot 7-202. Power Spectral Density Plot TxBF Antenna 1a (Bluetooth (HDRPM16), 16Mbps, iPA – Ch. 38)

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-16-R2.BCG	Test Dates: 09/15/2025 - 01/30/2026	EUT Type: Tablet Device	Page 136 of 222

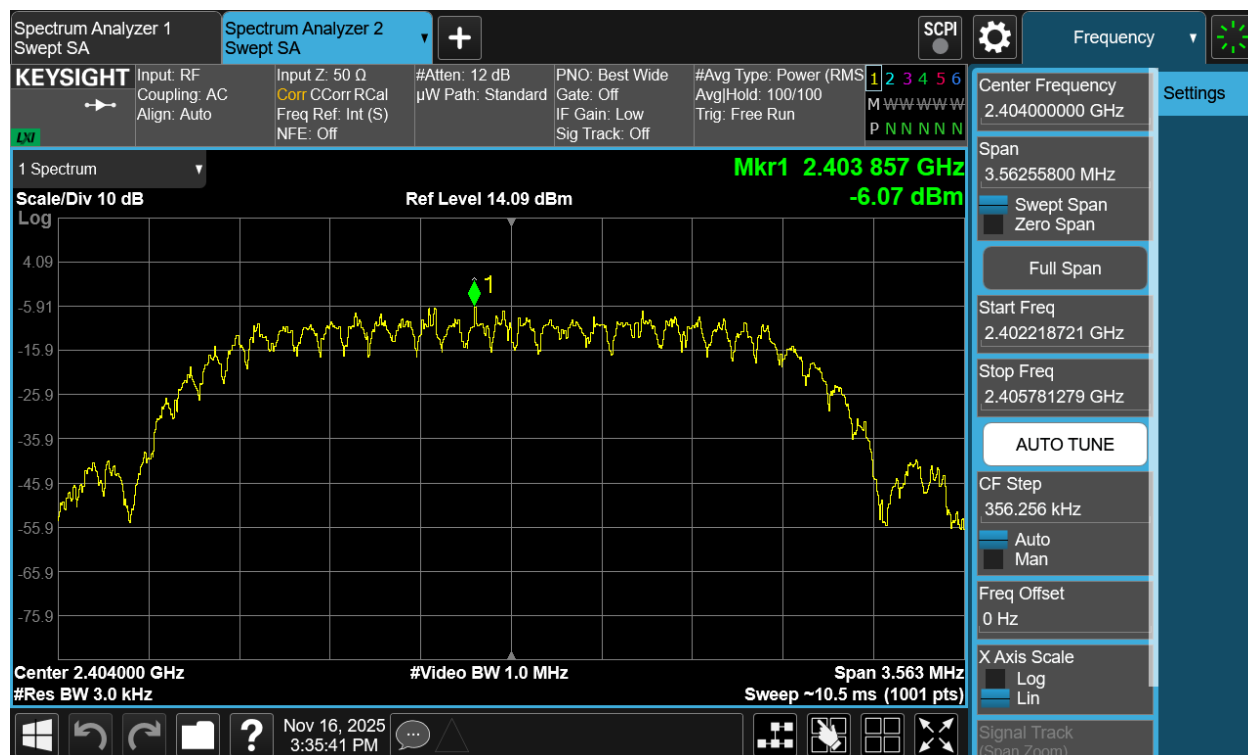


Plot 7-203. Power Spectral Density Plot TxBF Antenna 3a (Bluetooth (HDRPM16), 16Mbps, iPA – Ch. 73)

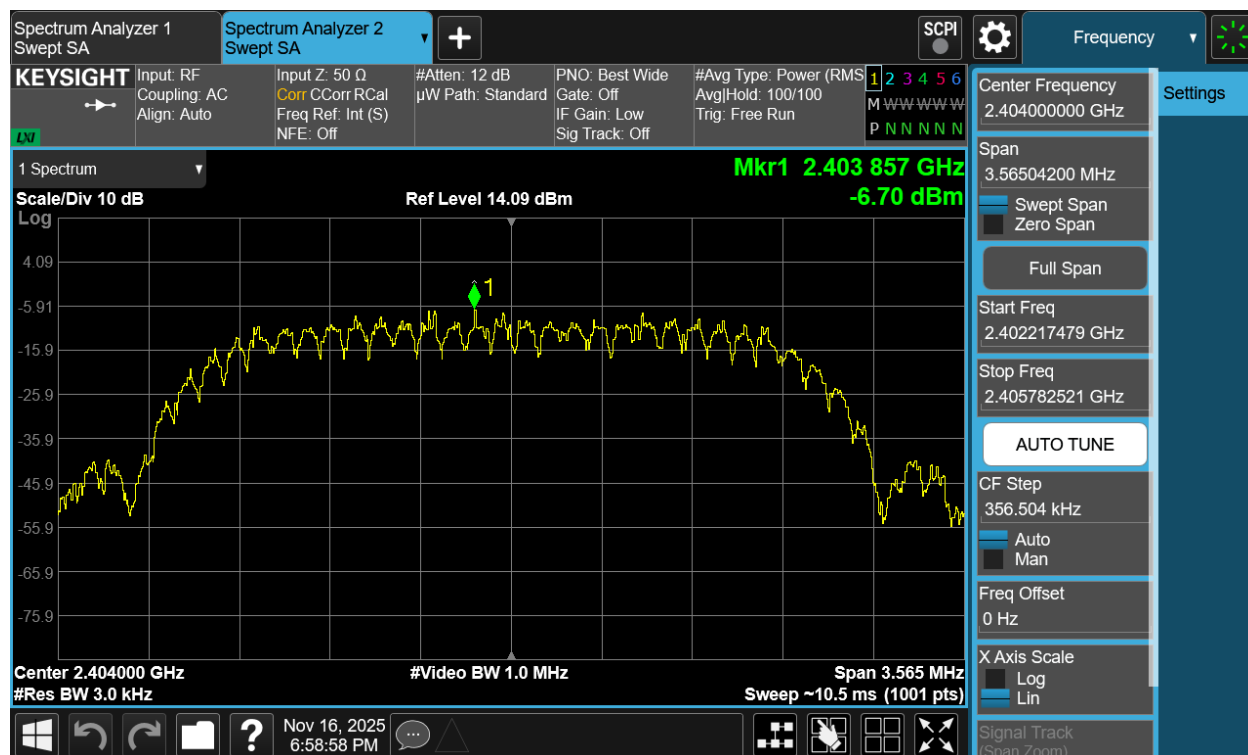


Plot 7-204. Power Spectral Density Plot TxBF Antenna 1a (Bluetooth (HDRPM16), 16Mbps, iPA – Ch. 73)

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-16-R2.BCG	Test Dates: 09/15/2025 - 01/30/2026	EUT Type: Tablet Device	Page 137 of 222



Plot 7-205. Power Spectral Density Plot TxBF Antenna 3a (Bluetooth (HDT2), 2Mbps, ePA – Ch. 1)

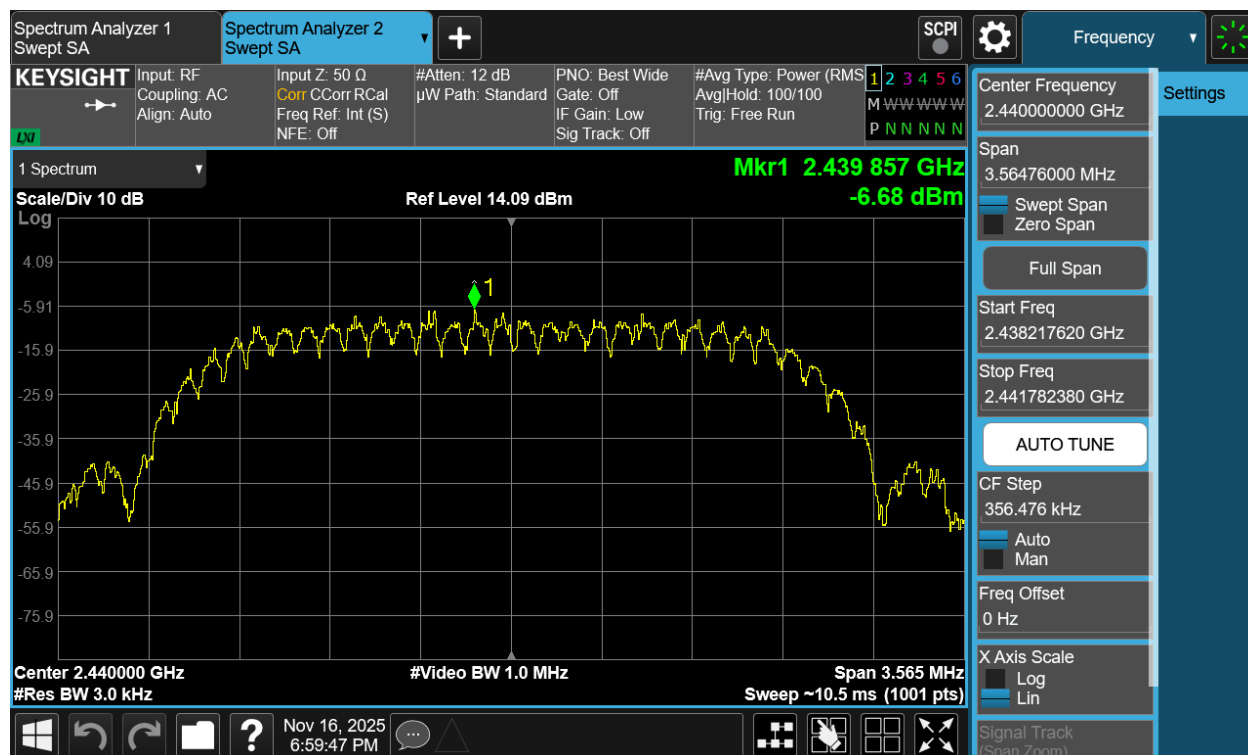
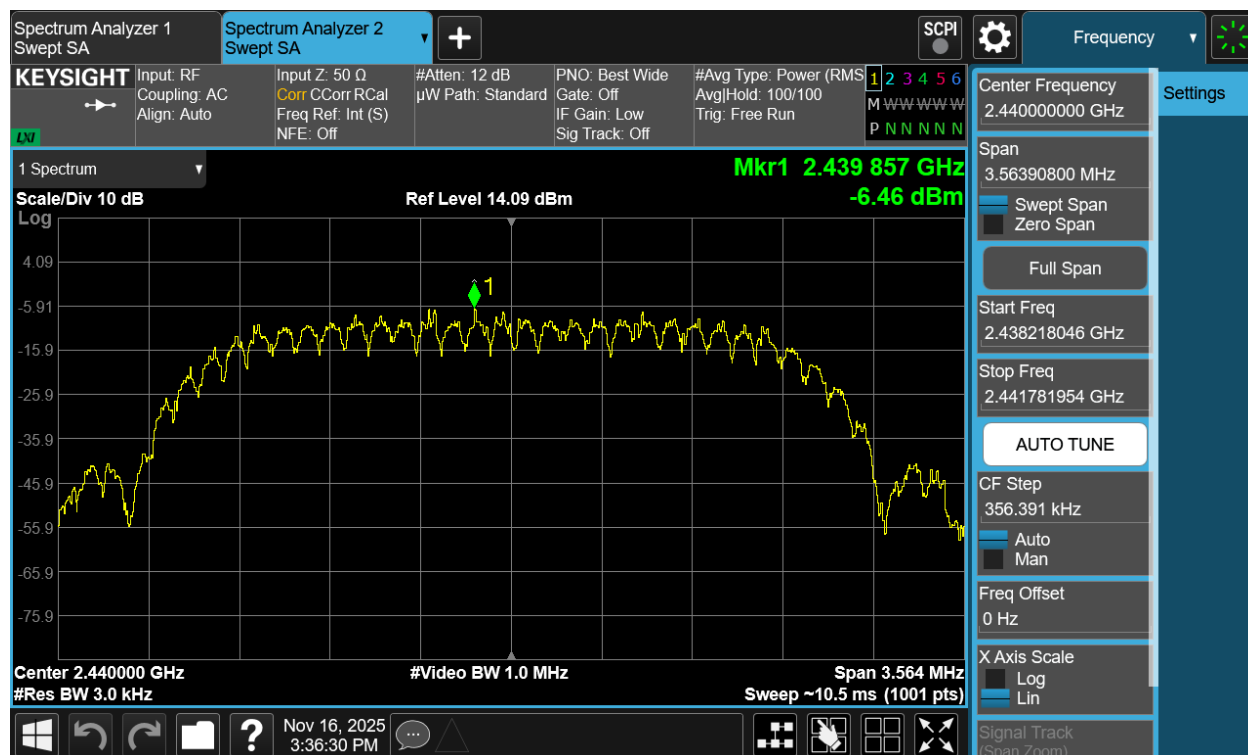


Plot 7-206. Power Spectral Density Plot TxBF Antenna 1a (Bluetooth (HDT2), 2Mbps, ePA – Ch. 1)

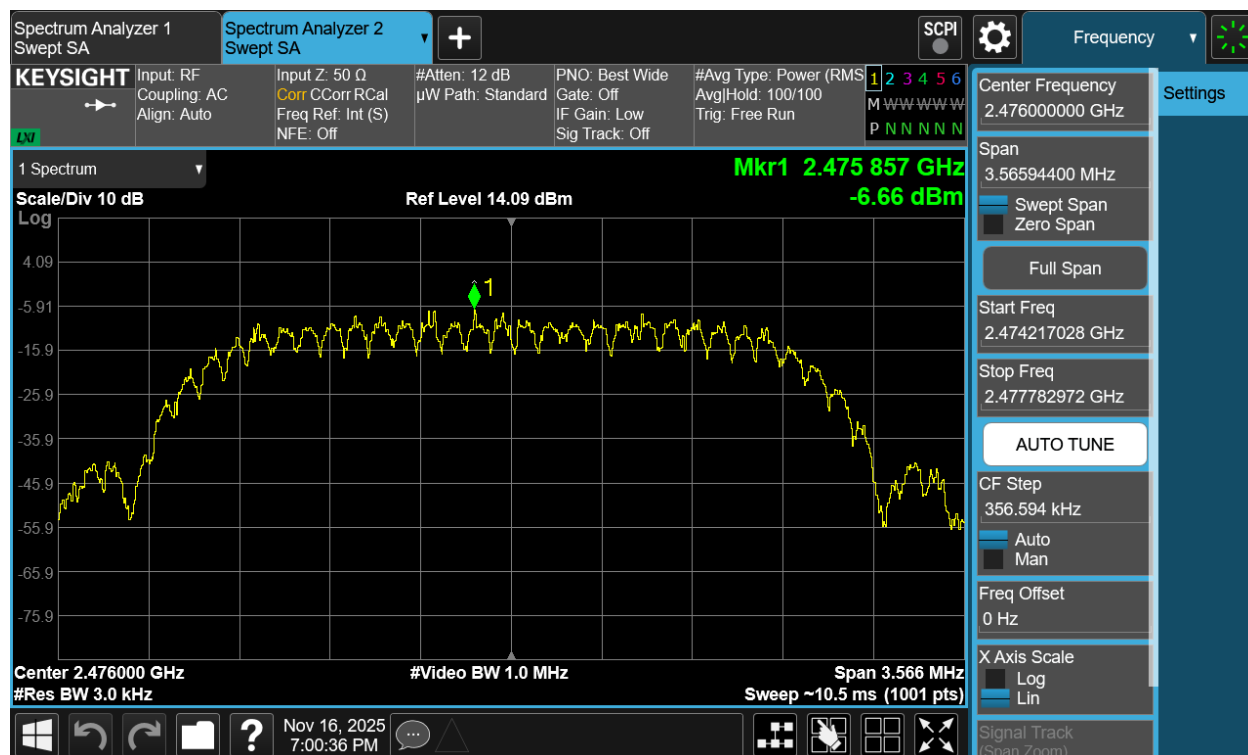
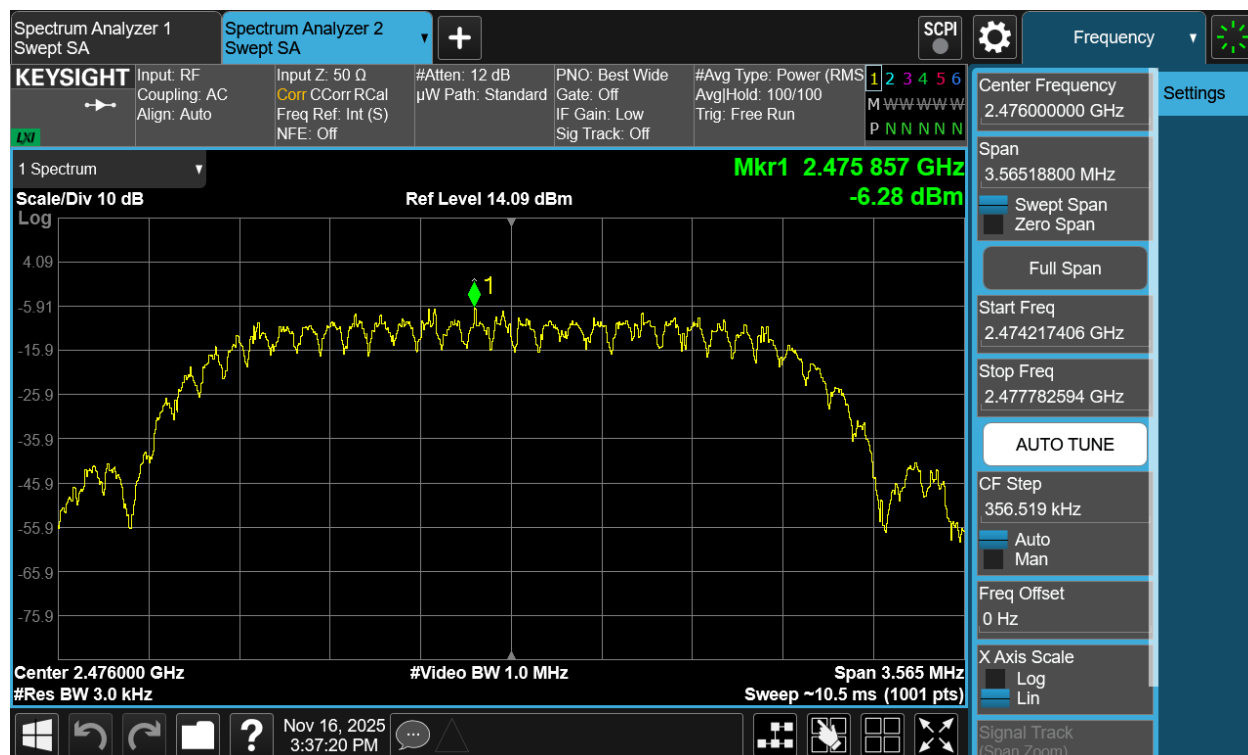
FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-16-R2.BCG	Test Dates: 09/15/2025 - 01/30/2026	EUT Type: Tablet Device	Page 138 of 222

V 11.0 05/2025

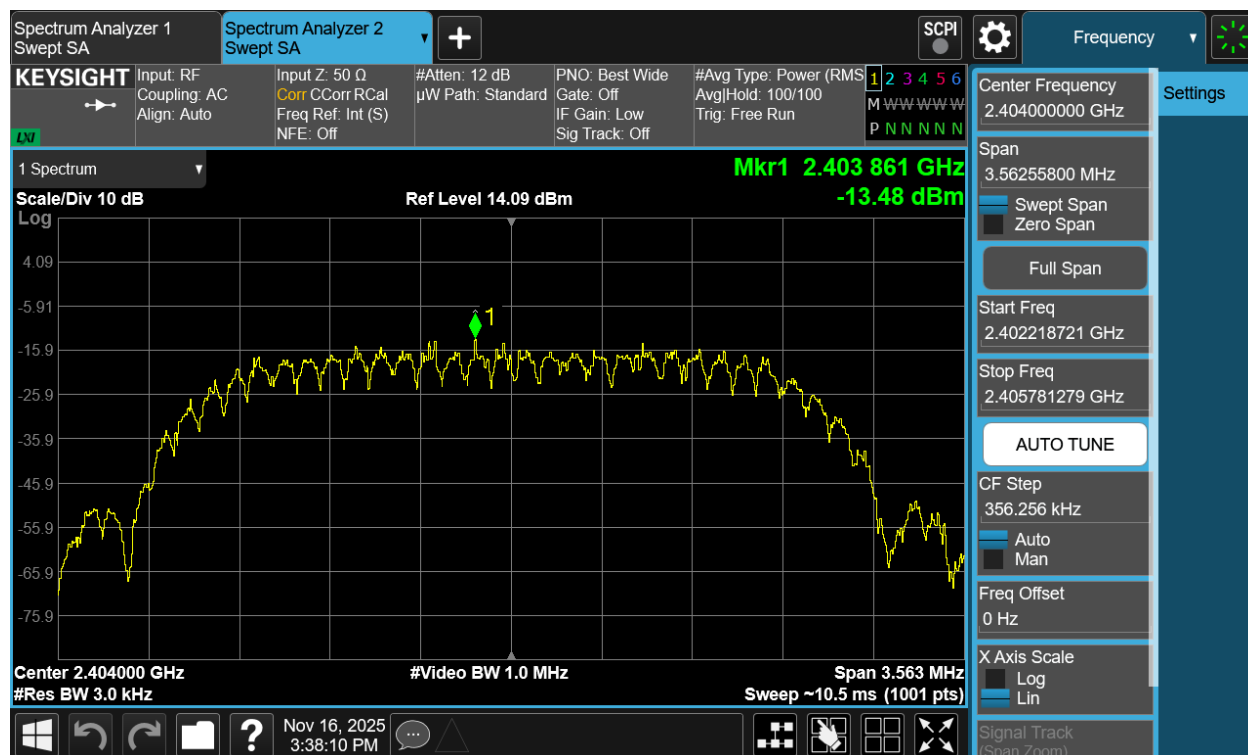
Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry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



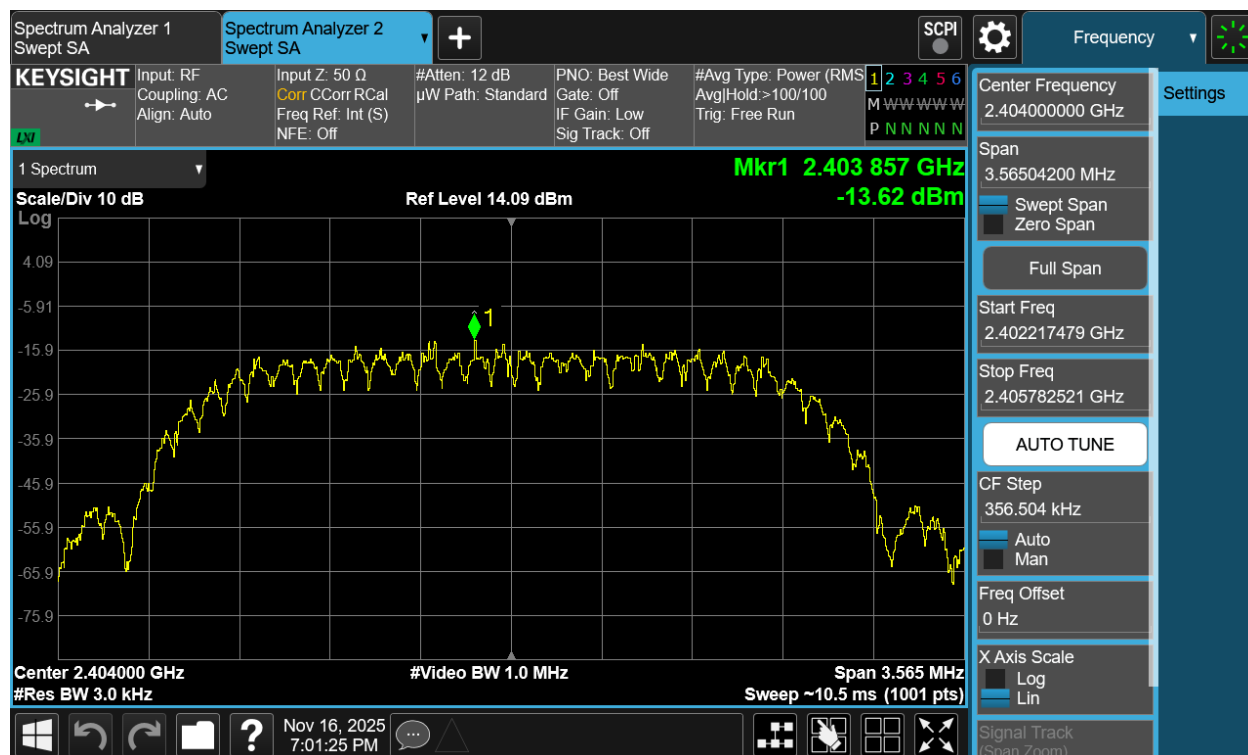
FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-16-R2.BCG	Test Dates: 09/15/2025 - 01/30/2026	EUT Type: Tablet Device	Page 139 of 222



FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-16-R2.BCG	Test Dates: 09/15/2025 - 01/30/2026	EUT Type: Tablet Device	Page 140 of 222

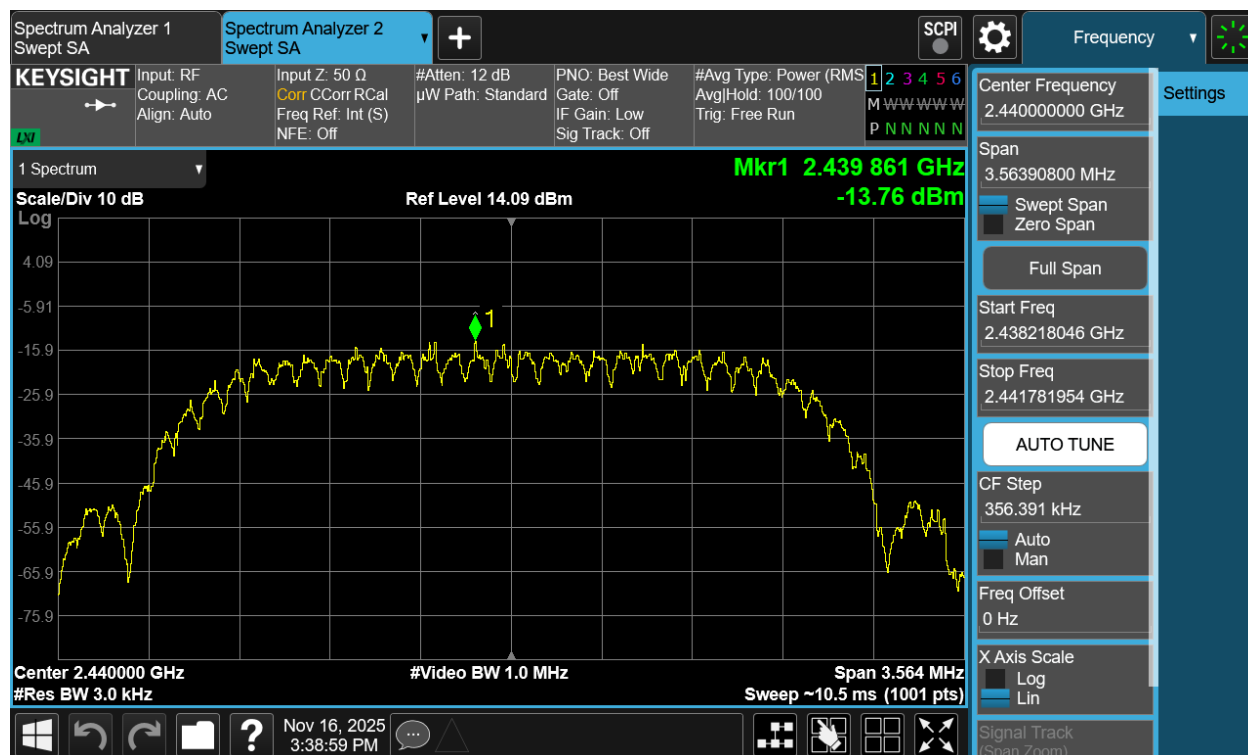


Plot 7-211. Power Spectral Density Plot TxBF Antenna 3a (Bluetooth (HDT2), 2Mbps, iPA – Ch. 1)

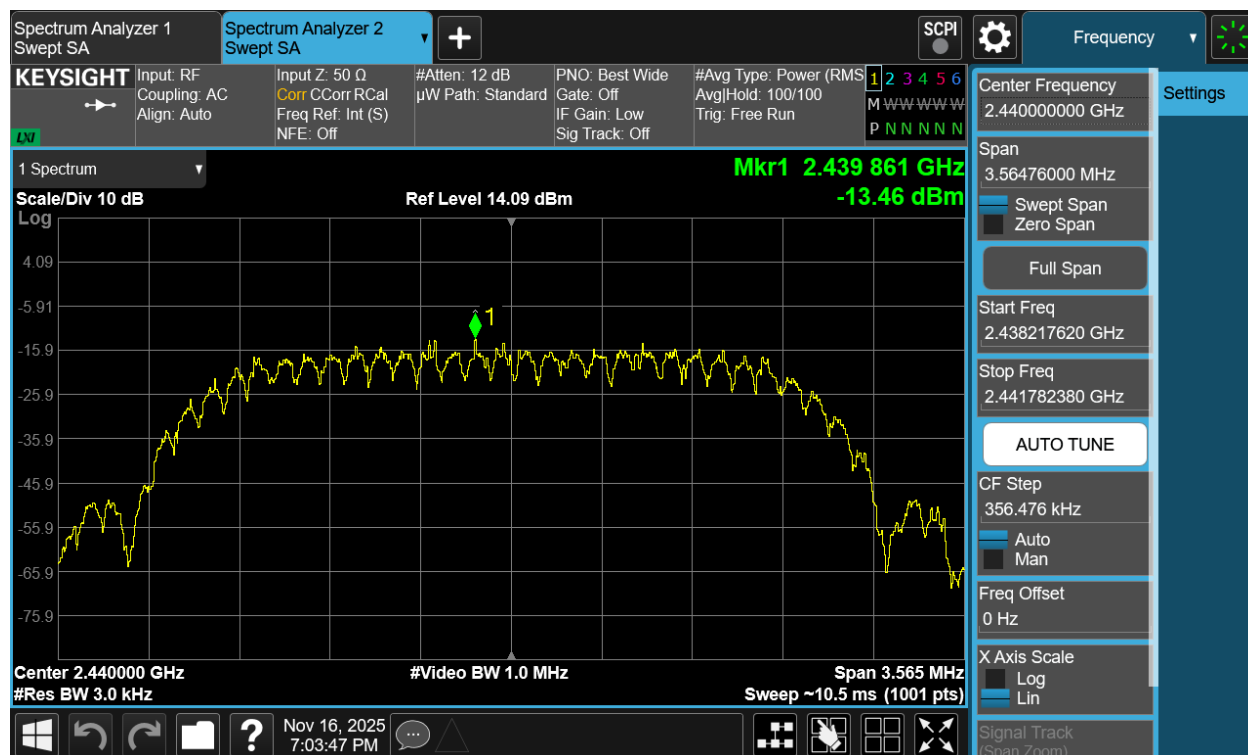


Plot 7-212. Power Spectral Density Plot TxBF Antenna 1a (Bluetooth (HDT2), 2Mbps, iPA – Ch. 1)

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-16-R2.BCG	Test Dates: 09/15/2025 - 01/30/2026	EUT Type: Tablet Device	Page 141 of 222



Plot 7-213. Power Spectral Density Plot TxBF Antenna 3a (Bluetooth (HDT2), 2Mbps, iPA – Ch. 37)

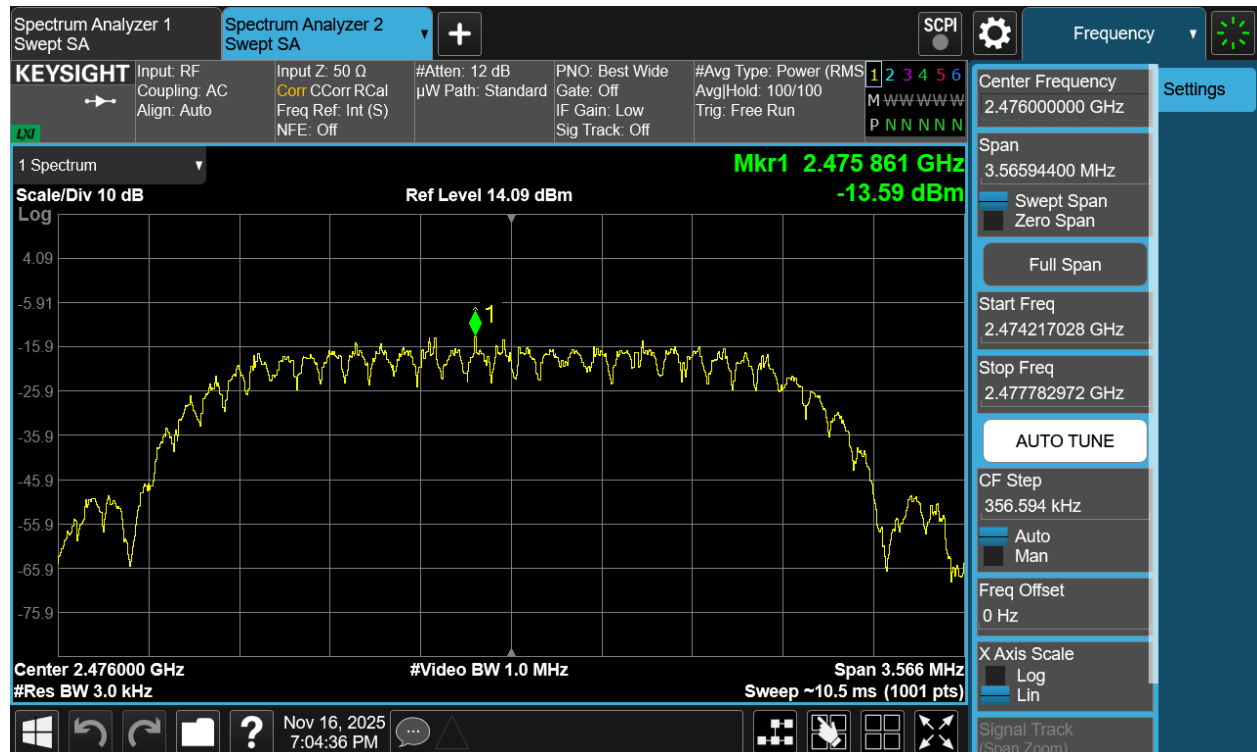
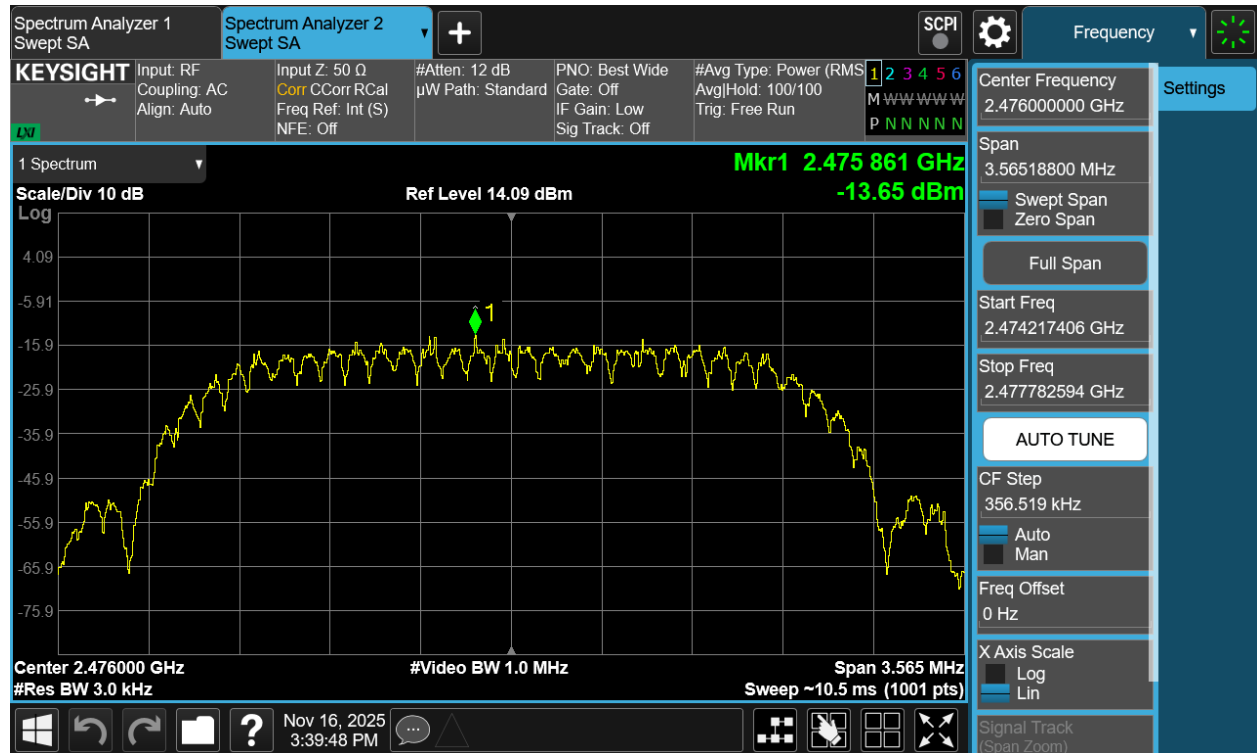


Plot 7-214. Power Spectral Density Plot TxBF Antenna 1a (Bluetooth (HDT2), 2Mbps, iPA – Ch. 37)

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-16-R2.BCG	Test Dates: 09/15/2025 - 01/30/2026	EUT Type: Tablet Device	Page 142 of 222

V 11.0 05/2025

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: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-16-R2.BCG	Test Dates: 09/15/2025 - 01/30/2026	EUT Type: Tablet Device	Page 143 of 222

Note:

Per ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024 Subclause 14.6.3, the directional gain is calculated using the following formula, where G_N is the gain of the nth antenna and N_{ANT} , the total number of antennas used.

$$\text{Directional gain} = 10 \log [(10^{G_1/20} + 10^{G_2/20} + \dots + 10^{G_N/20})^2 / N_{ANT}] \text{ dBi}$$

Per ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024 Subclause 14.5.2.2 and KDB 662911 D01 v02r01 Section E)2), the power spectral density at Antenna 3a and Antenna 1a were first measured separately as shown in the section above. The measured values were then summed in linear power units then converted back to dBm.

Sample TxBF Calculation:

At 2404MHz the average conducted power spectral density was measured to be -1.61 dBm for Antenna 3a and -1.83 dBm for Antenna 1a.

$$\text{Antenna 3a} + \text{Antenna 1a} = \text{TxBF}$$

$$(-1.61 \text{ dBm} + -1.83 \text{ dBm}) = (0.690 \text{ mW} + 0.656 \text{ mW}) = 1.346 \text{ mW} = 1.29 \text{ dBm}$$

FCC ID: BCGA3462 IC: 579C-A3462	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100082-16-R2.BCG	Test Dates: 09/15/2025 - 01/30/2026	EUT Type: Tablet Device	Page 144 of 222

7.6 Conducted Authorized Band Edge

§15.247(d); RSS-247 [6.6]

Test Overview and Limit

For the following out of band conducted spurious emissions plots at the band edge, the EUT was set to transmit at maximum power with the largest packet size available. These settings produced the worst-case emissions.

The limit for out-of-band spurious emissions at the band edge is 20dB below the fundamental emission level, as determined from the in-band power measurement of the DTS channel performed in a 100kHz bandwidth.

Test Procedure Used

ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024 – Subclause 11.11.3
KDB 558074 D01 v05r02 – Section 8.7.2

Test Settings

1. Start and stop frequency were set such that the band edge would be placed in the center of the plot
2. Span was set large enough so as to capture all out of band emissions near the band edge
3. RBW = 100kHz
4. VBW $\geq 3 \times$ RBW
5. Detector = Peak
6. Number of sweep points $\geq 2 \times$ Span/RBW
7. Trace mode = max hold
8. Sweep time = auto couple
9. The trace was allowed to stabilize

Test Setup

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



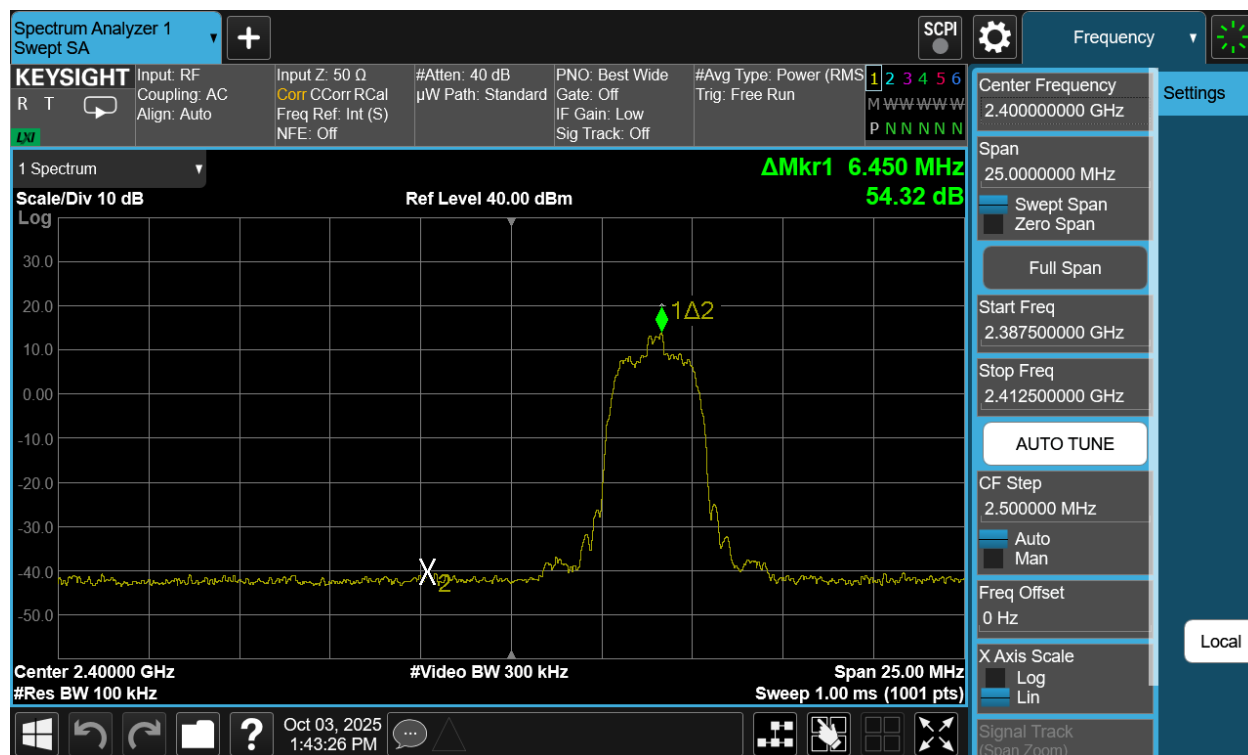
Figure 7-5. Test Instrument & Measurement Setup

Test Notes

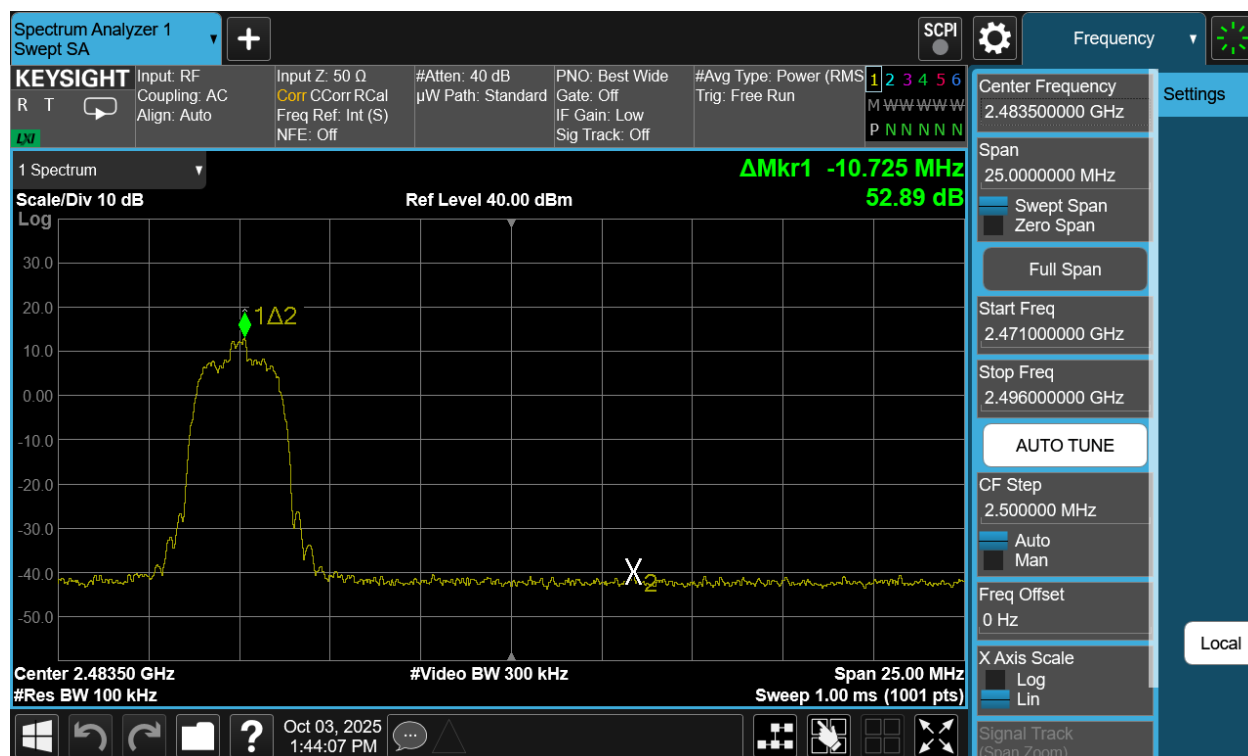
All supported modulation, antenna (including TxBF mode) and power schemes have been tested on the unit and only worst case configuration is reported.

FCC ID: BCGA3462 IC: 579C-A3462	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100082-16-R2.BCG	Test Dates: 09/15/2025 - 01/30/2026	EUT Type: Tablet Device	Page 145 of 222

7.6.1 Antenna 3a



Plot 7-217. Band Edge Plot Antenna 3a (Bluetooth (HDR4), ePA – Ch. 1)

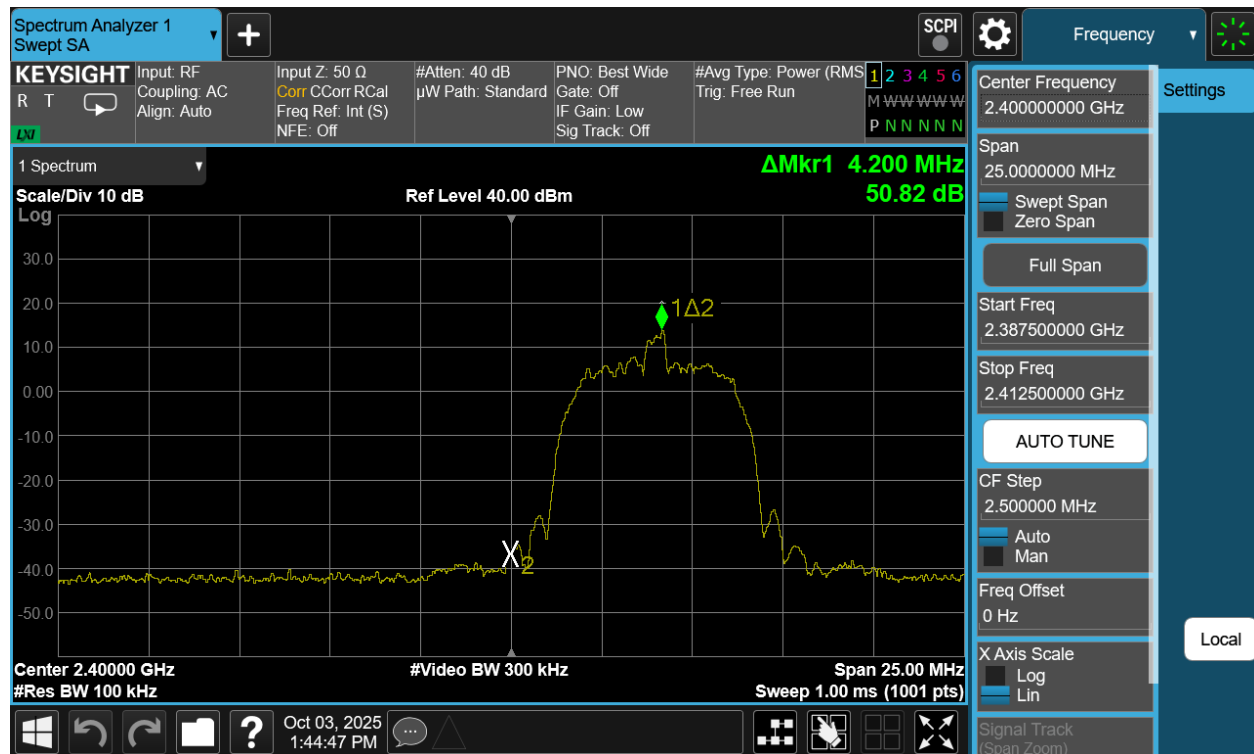


Plot 7-218. Band Edge Plot Antenna 3a (Bluetooth (HDR4), ePA – Ch. 73)

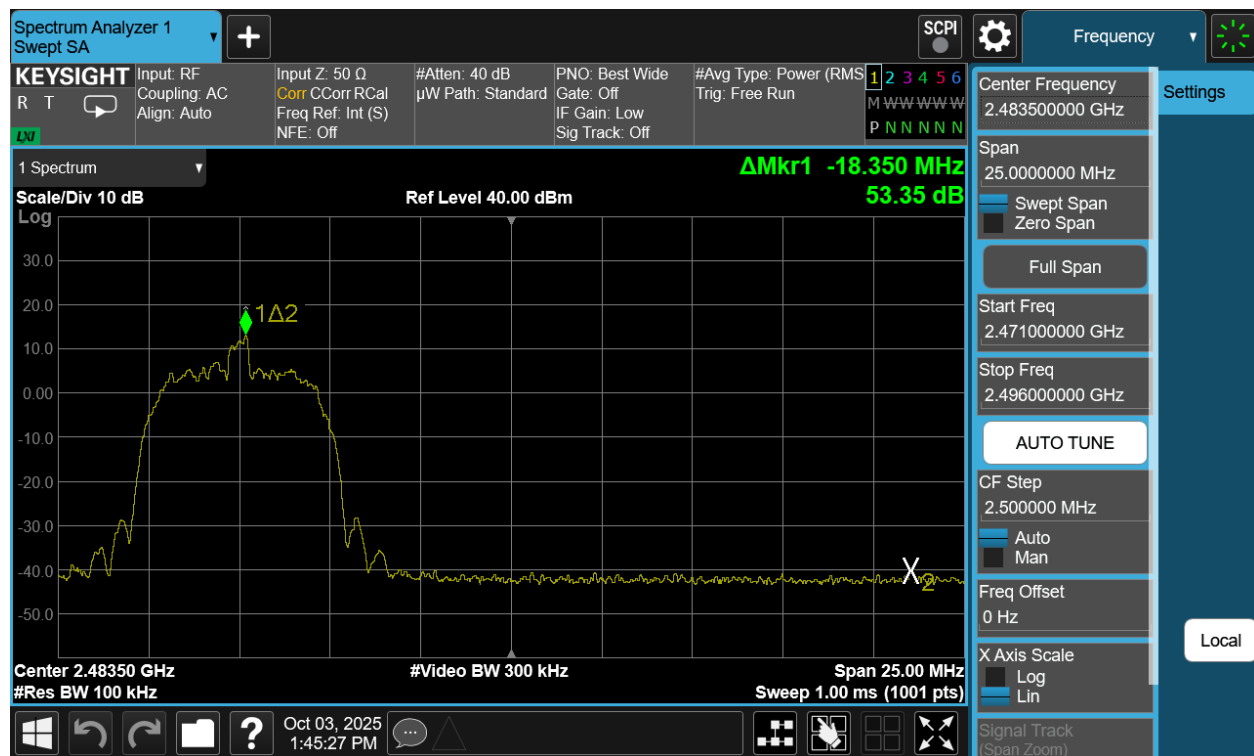
FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-16-R2.BCG	Test Dates: 09/15/2025 - 01/30/2026	EUT Type: Tablet Device	Page 146 of 222

V 11.0 05/2025

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.

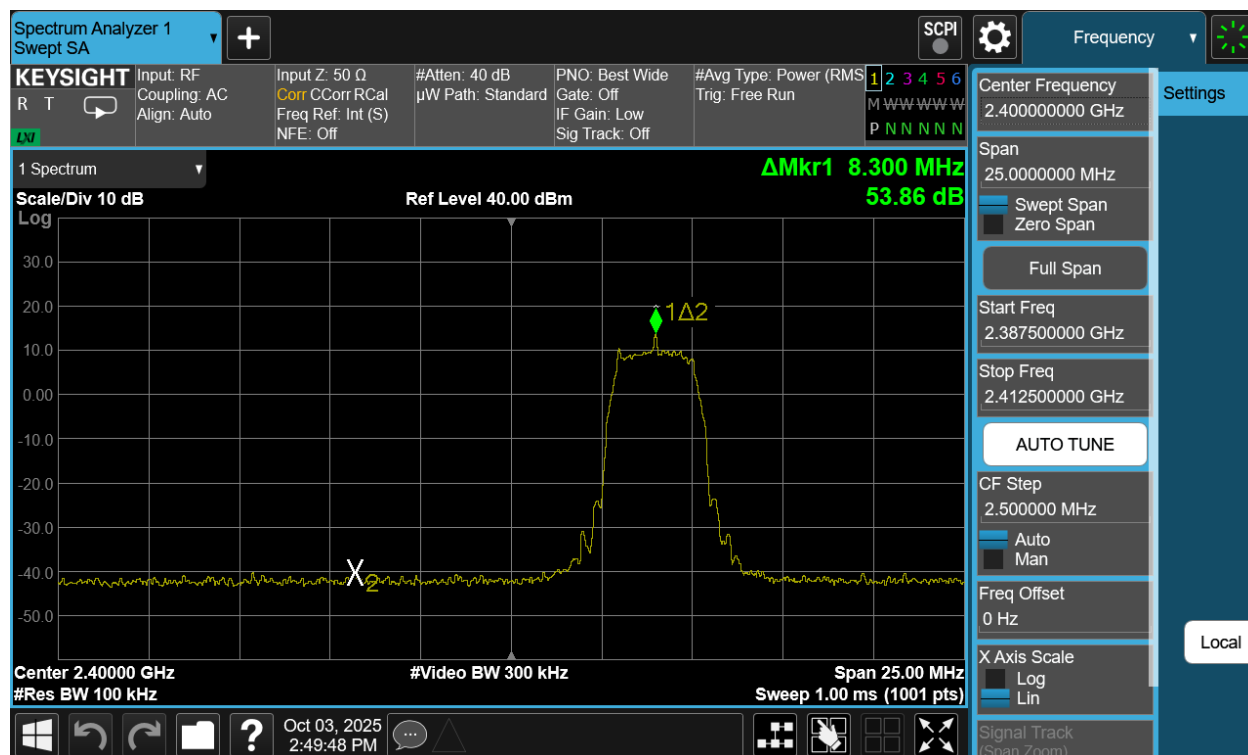


Plot 7-219. Band Edge Plot Antenna 3a (Bluetooth (HDR8), ePA – Ch. 1)

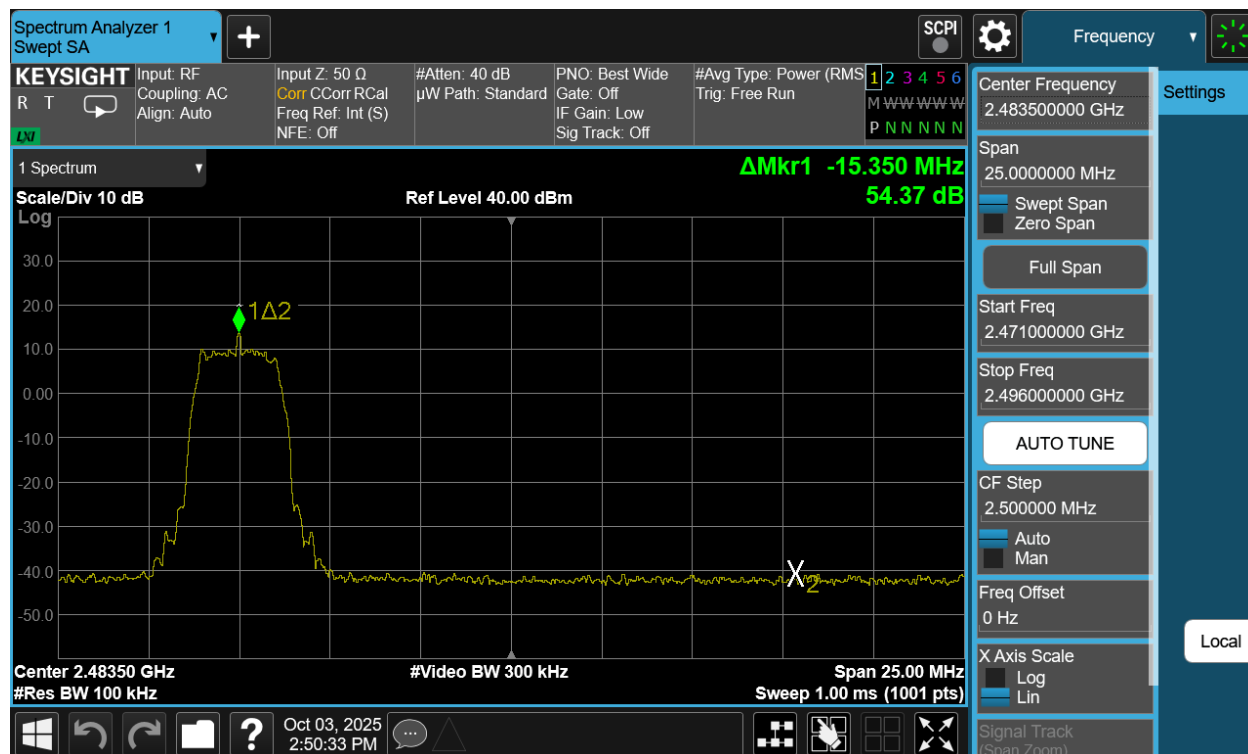


Plot 7-220. Band Edge Plot Antenna 3a (Bluetooth (HDR8), ePA – Ch. 73)

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-16-R2.BCG	Test Dates: 09/15/2025 - 01/30/2026	EUT Type: Tablet Device	Page 147 of 222

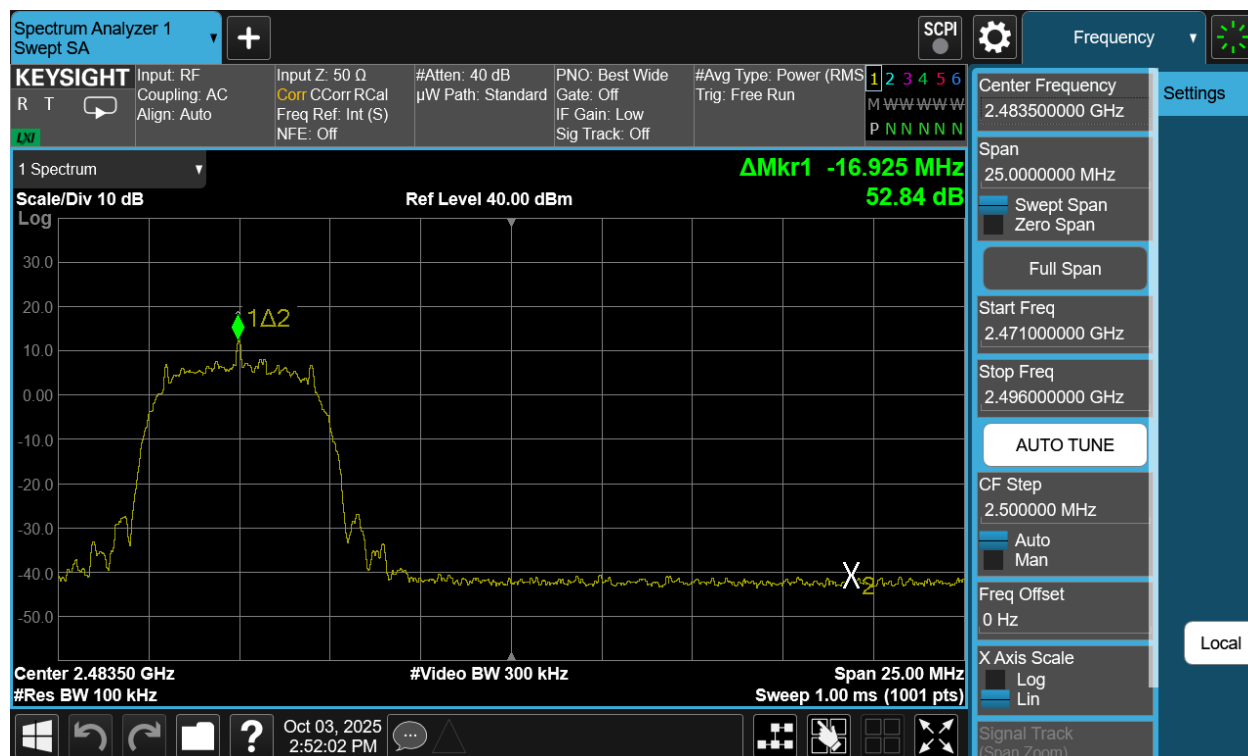
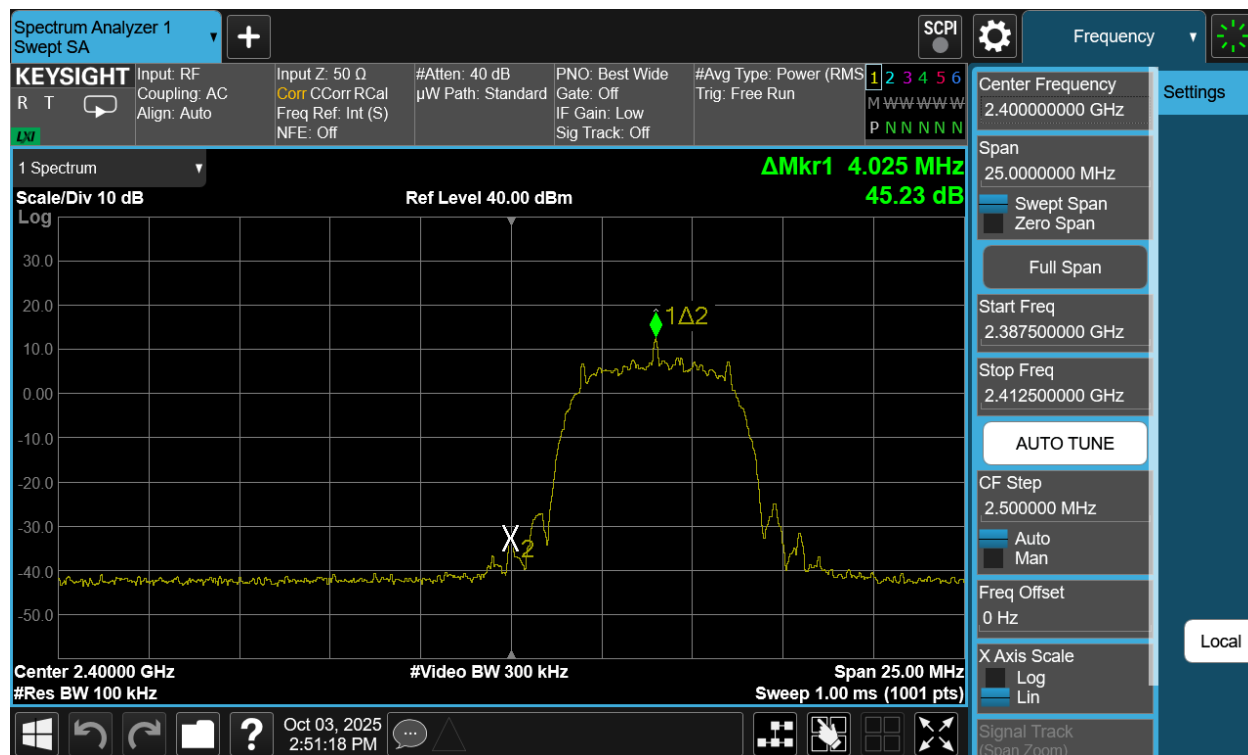


Plot 7-221. Band Edge Plot Antenna 3a (Bluetooth (HDRPS2), 2Mbps, ePA – Ch. 1)

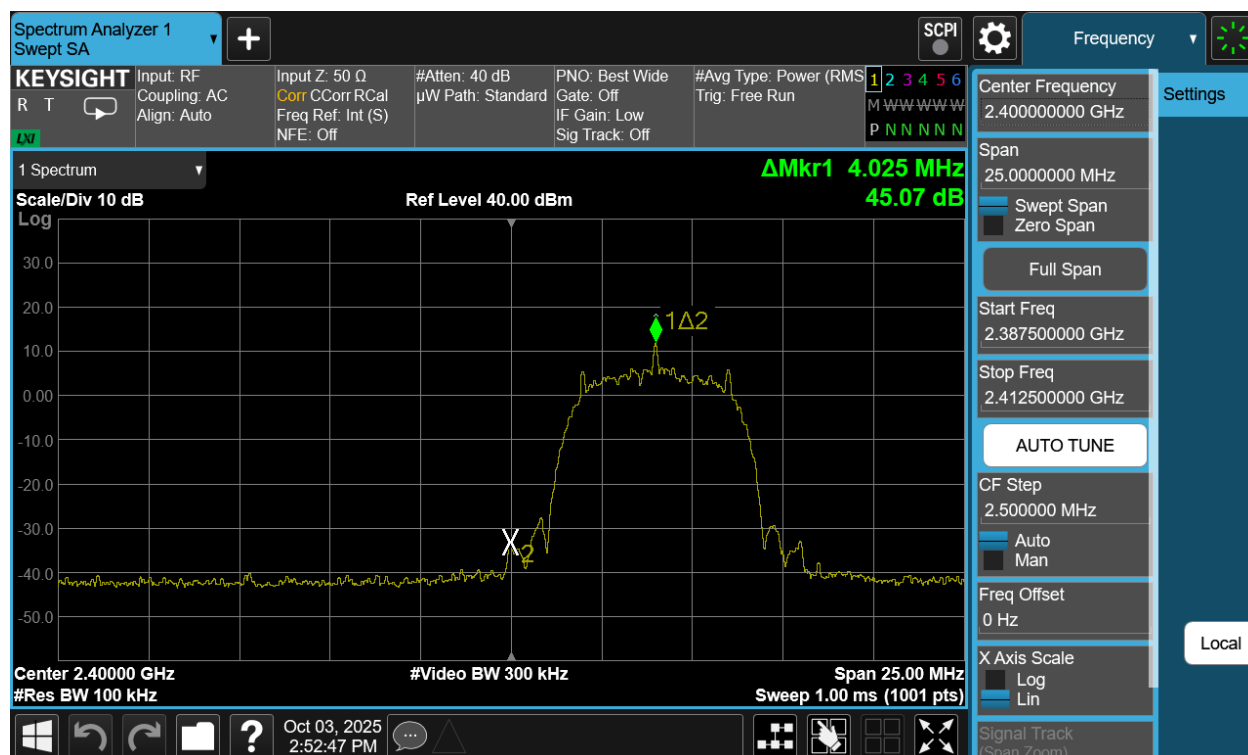


Plot 7-222. Band Edge Plot Antenna 3a (Bluetooth (HDRPS2), 2Mbps, ePA – Ch. 73)

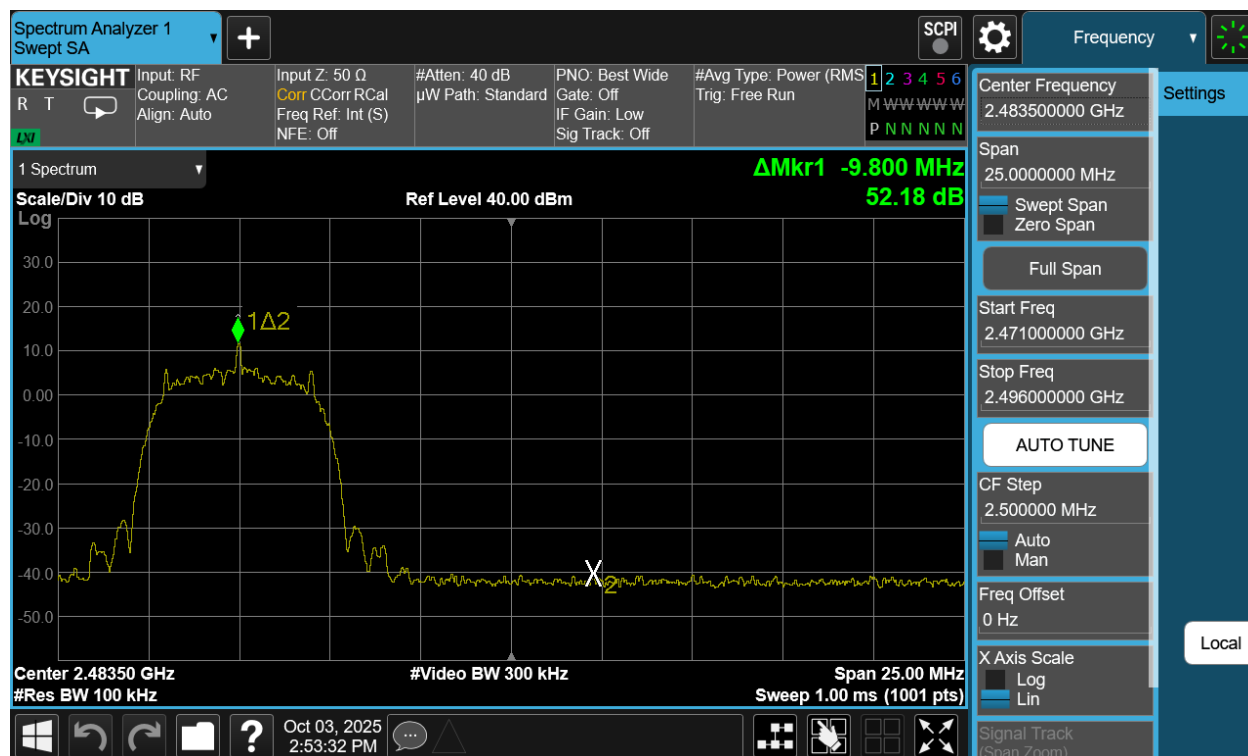
FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-16-R2.BCG	Test Dates: 09/15/2025 - 01/30/2026	EUT Type: Tablet Device	Page 148 of 222



FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-16-R2.BCG	Test Dates: 09/15/2025 - 01/30/2026	EUT Type: Tablet Device	Page 149 of 222



Plot 7-225. Band Edge Plot Antenna 3a (Bluetooth (HDRPM16), 16Mbps, ePA – Ch. 1)

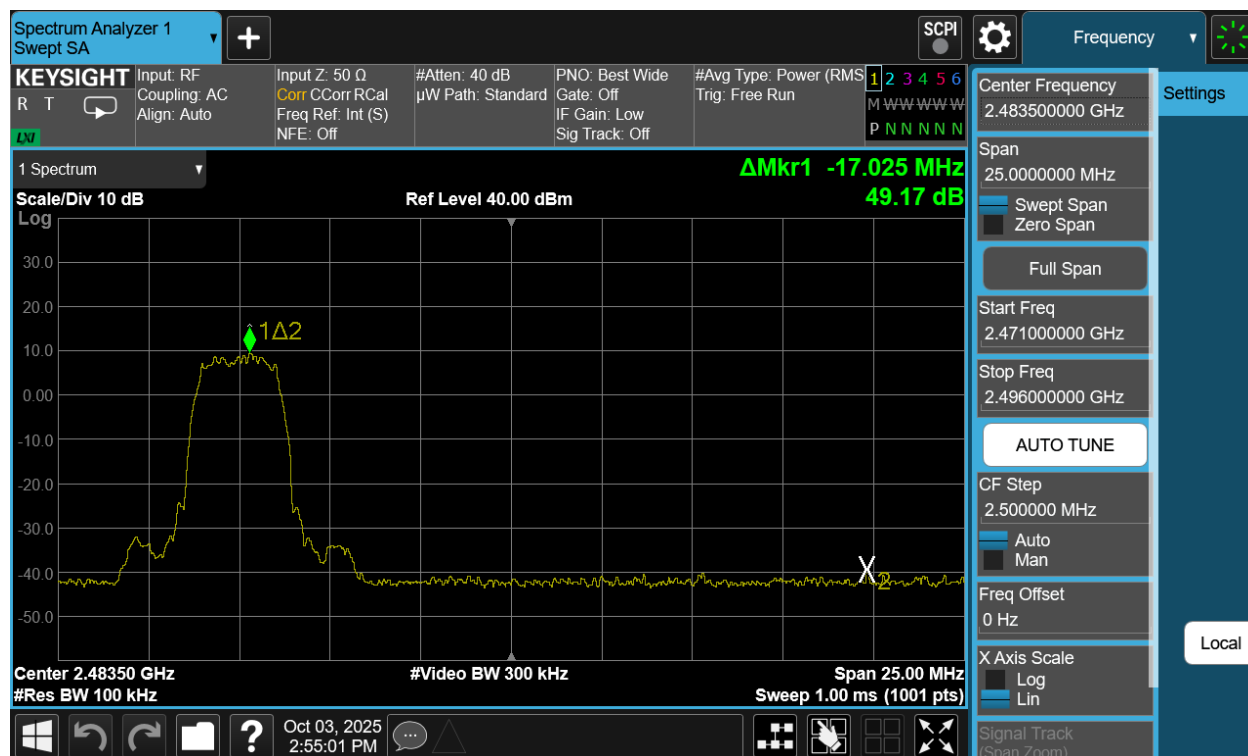
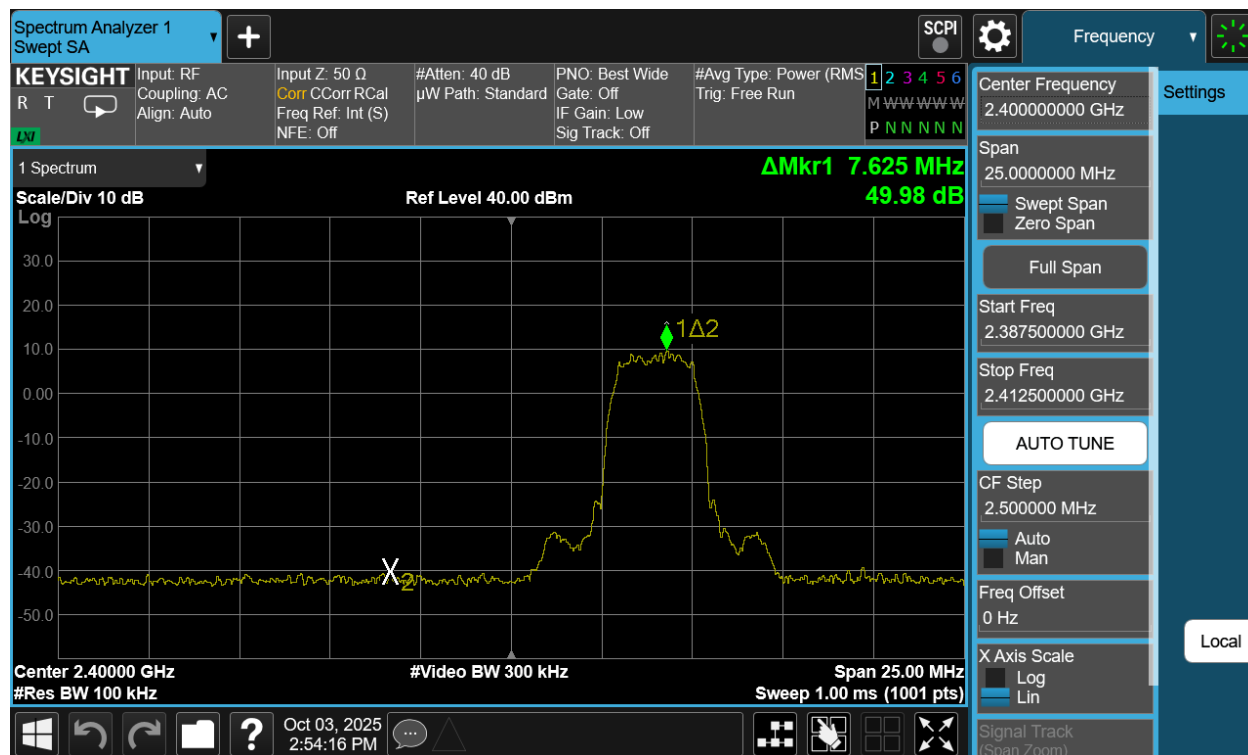


Plot 7-226. Band Edge Plot Antenna 3a (Bluetooth (HDRPM16), 16Mbps, ePA – Ch. 73)

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-16-R2.BCG	Test Dates: 09/15/2025 - 01/30/2026	EUT Type: Tablet Device	Page 150 of 222

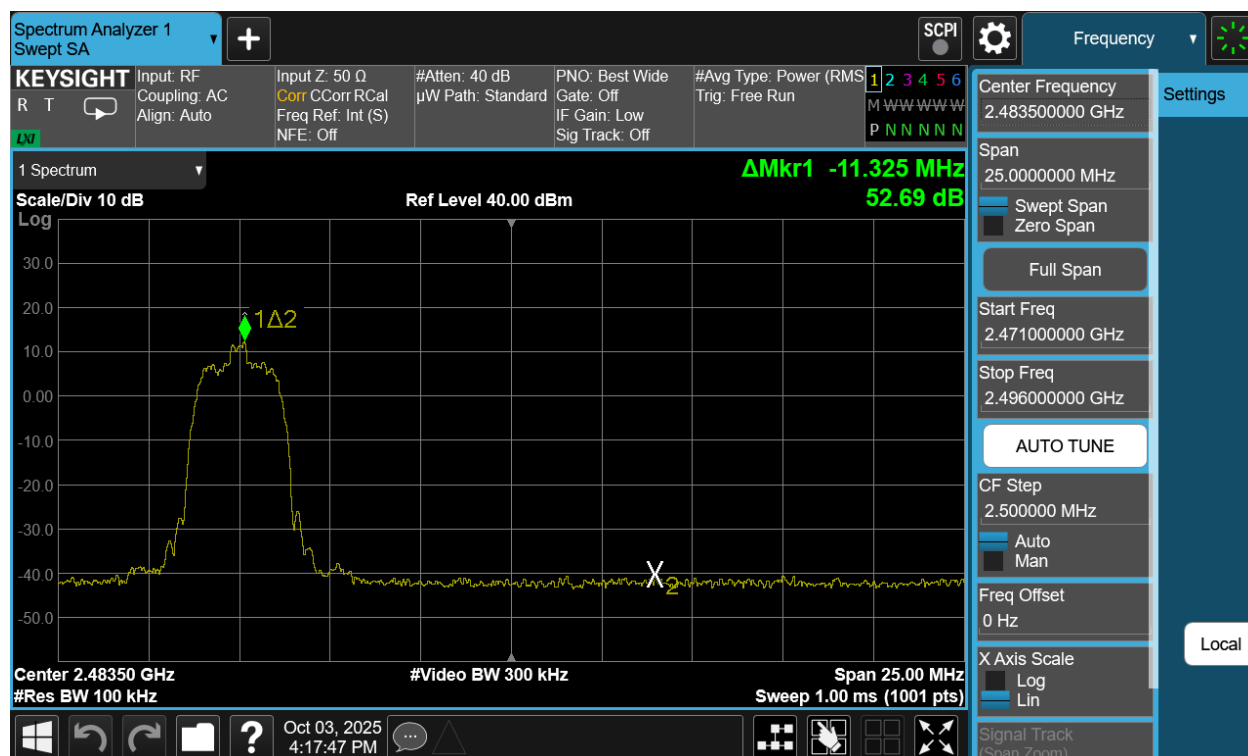
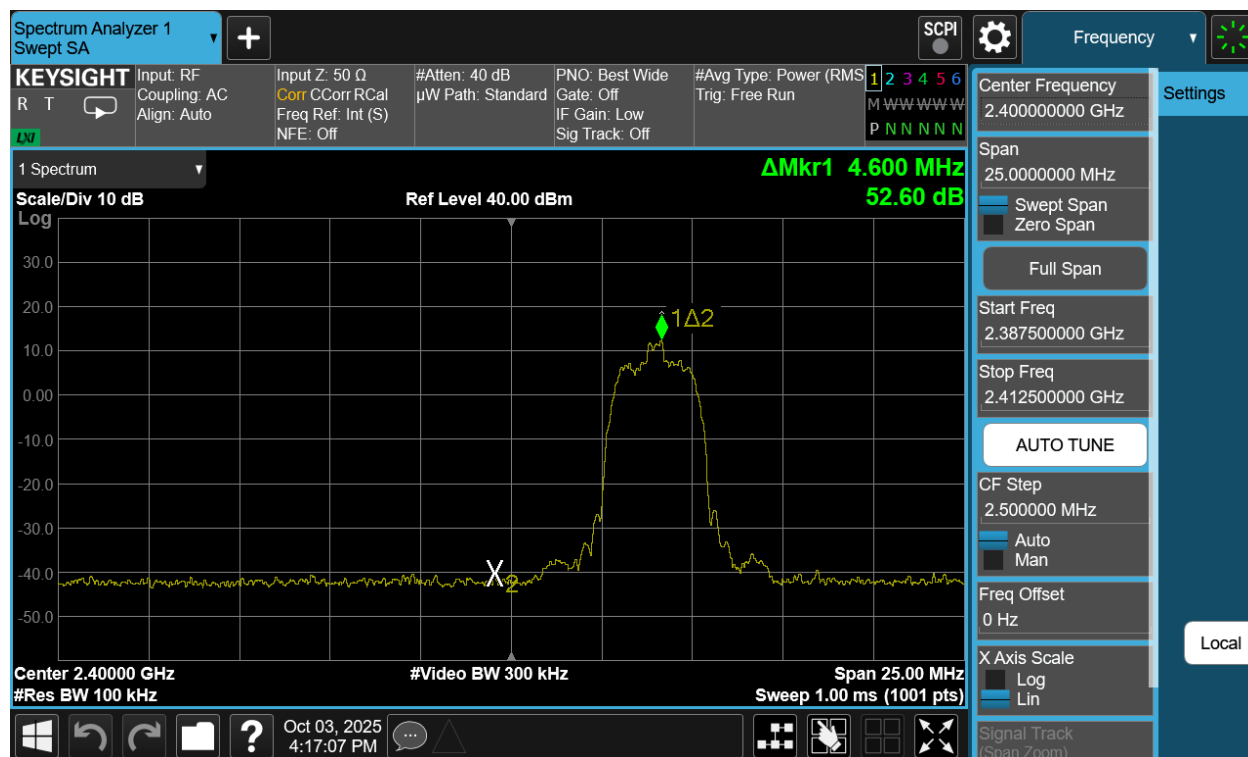
V 11.0 05/2025

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: BCGA3462 IC: 579C-A3462	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100082-16-R2.BCG	Test Dates: 09/15/2025 - 01/30/2026	EUT Type: Tablet Device	Page 151 of 222

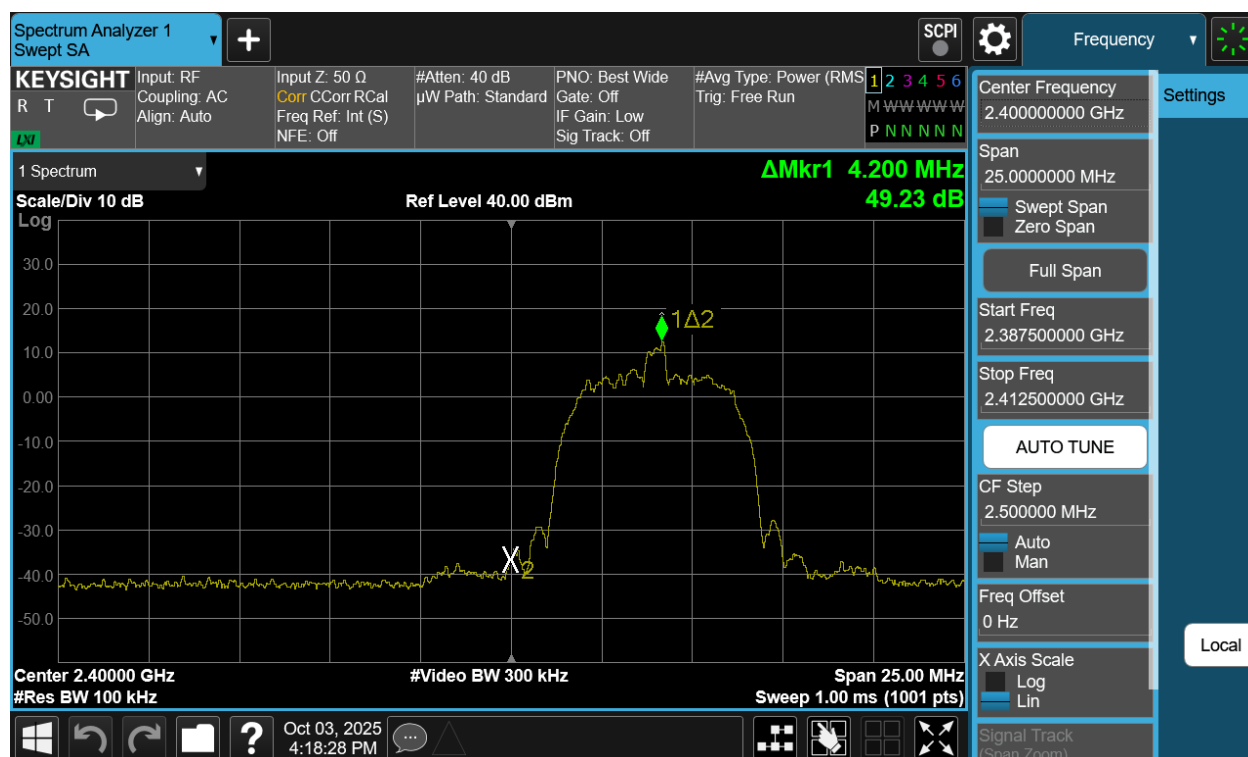
7.6.2 Antenna 1a



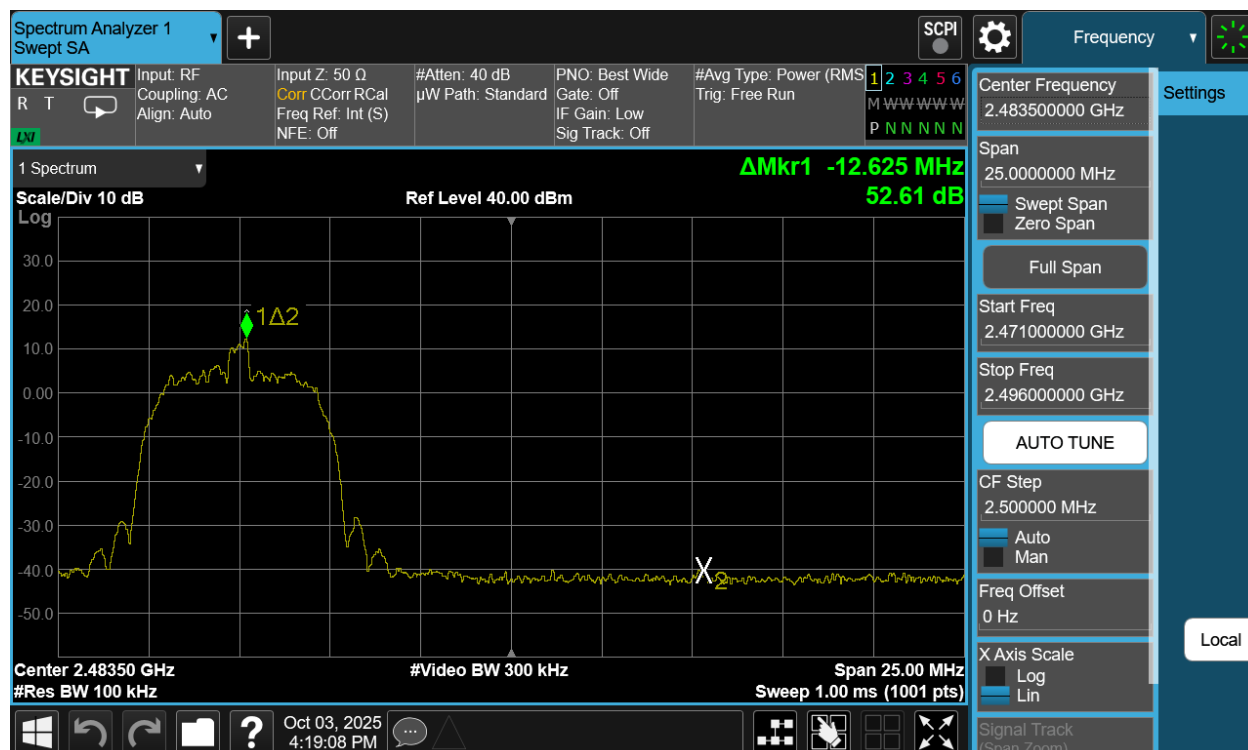
FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-16-R2.BCG	Test Dates: 09/15/2025 - 01/30/2026	EUT Type: Tablet Device	Page 152 of 222

V 11.0 05/2025

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 7-231. Band Edge Plot Antenna 1a (Bluetooth (HDR8), ePA – Ch. 1)



Plot 7-232. Band Edge Plot Antenna 1a (Bluetooth (HDR8), ePA – Ch. 73)

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-16-R2.BCG	Test Dates: 09/15/2025 - 01/30/2026	EUT Type: Tablet Device	Page 153 of 222

V 11.0 05/2025

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.