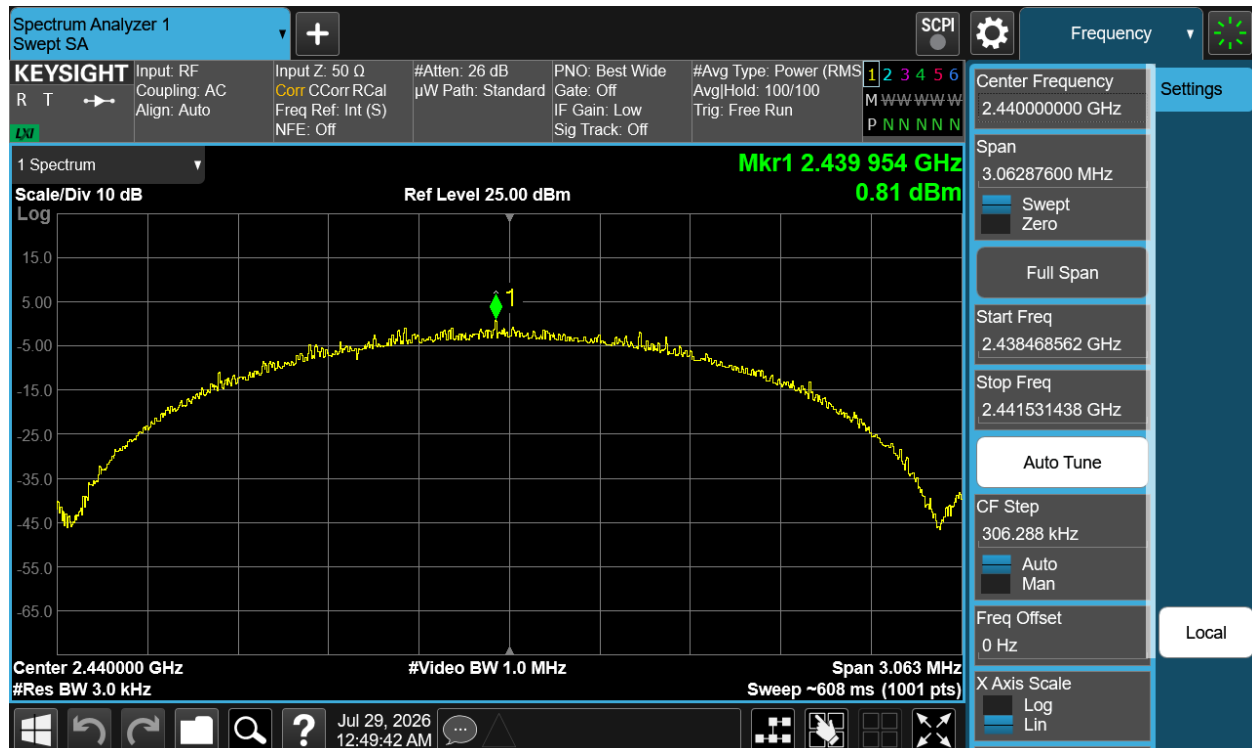


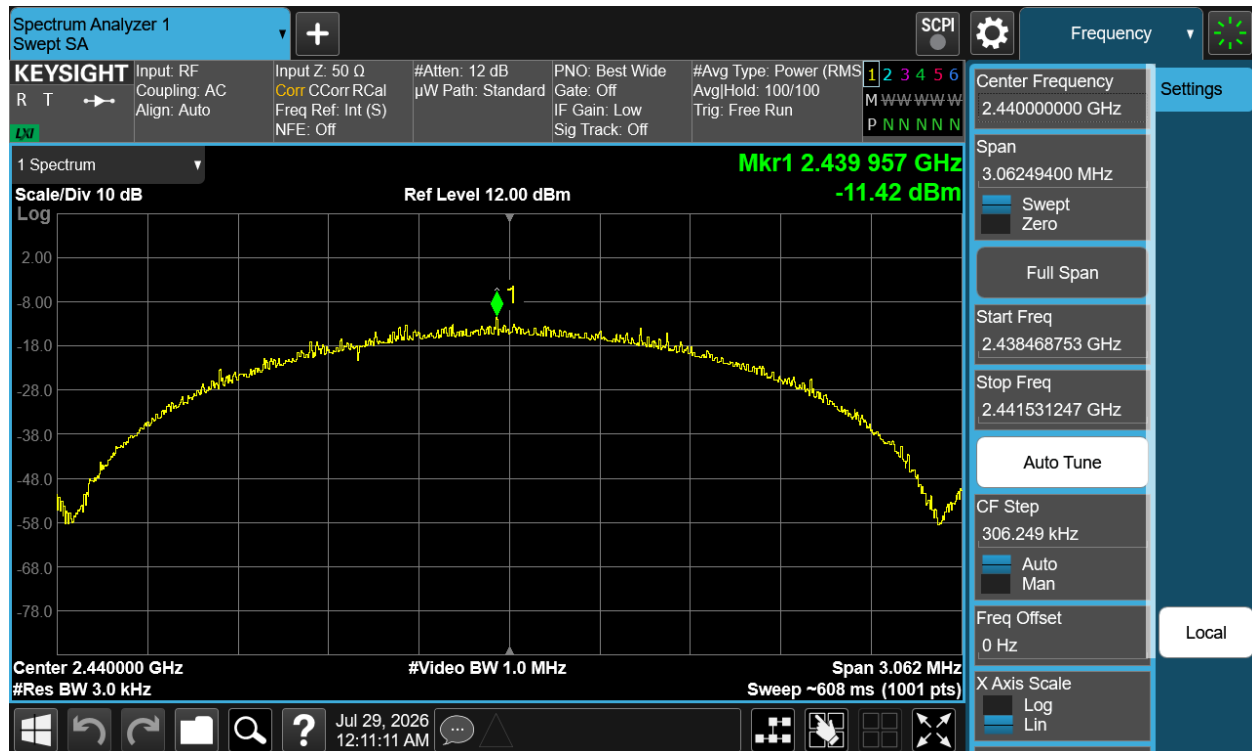


Plot 7-77. Power Spectral Density Plot Antenna 3A (Bluetooth (LE), 2Mbps, ePA – Ch. 17)



Plot 7-78. Power Spectral Density Plot Antenna 1A (Bluetooth (LE), 2Mbps, ePA – Ch. 17)

FCC ID: BCGA3596 IC: 579C-A3596	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 4/23/2026 - 7/16/2026	EUT Type: Tablet Device	Approved by: Technical Manager
Test Report S/N: 1C2604030026-11-R4.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 75 of 137



Plot 7-79. Power Spectral Density Plot Antenna 3A (Bluetooth (LE), 2Mbps, iPA – Ch. 17)

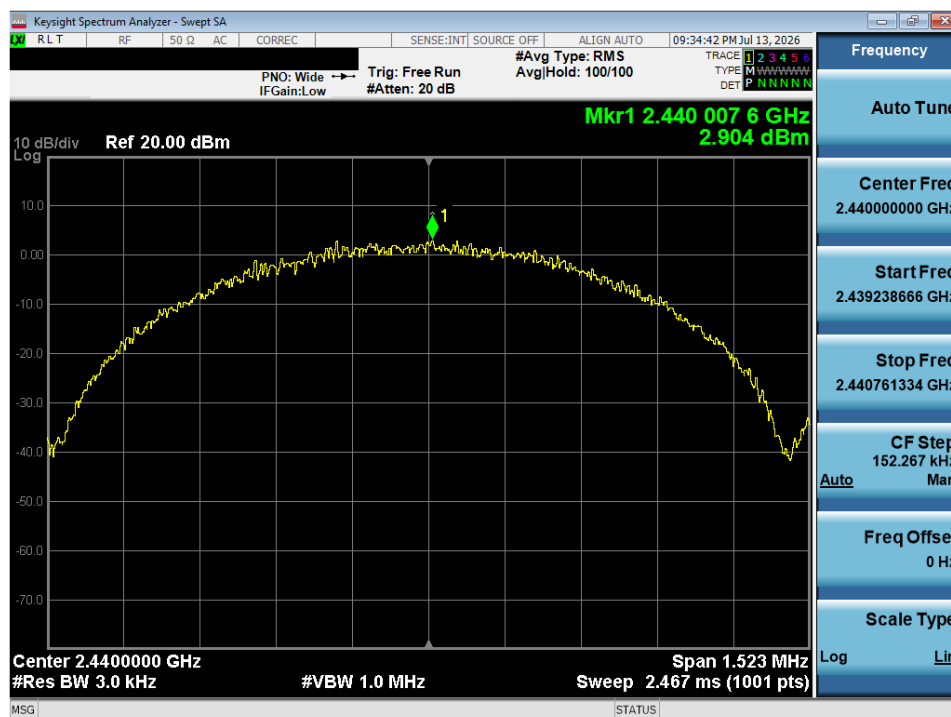


Plot 7-80. Power Spectral Density Plot Antenna 1A (Bluetooth (LE), 2Mbps, iPA – Ch. 17)

FCC ID: BCGA3596 IC: 579C-A3596	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 4/23/2026 - 7/16/2026	EUT Type: Tablet Device	Approved by: Technical Manager
Test Report S/N: 1C2604030026-11-R4.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 76 of 137



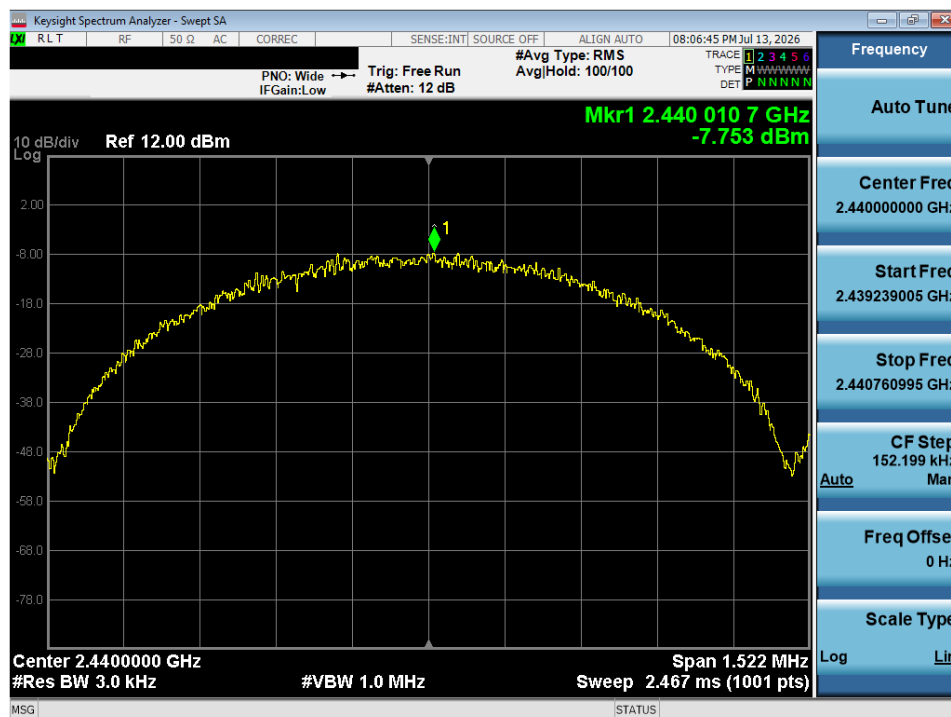
Plot 7-81. Power Spectral Density Plot Antenna 3A (BTCSM1_LE1M, ePA – Ch. 17)



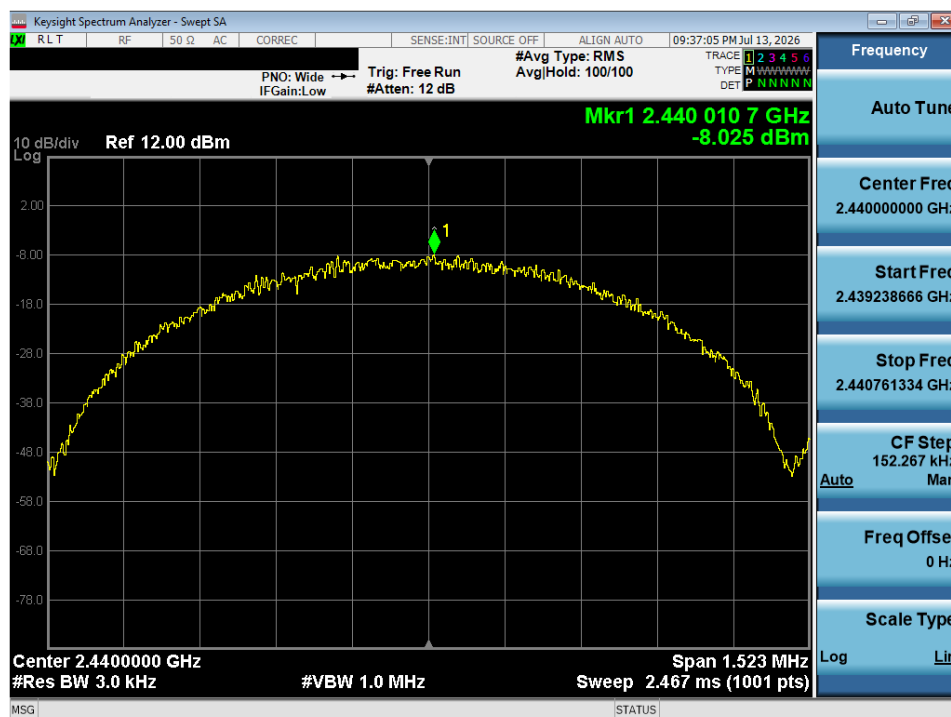
Plot 7-82. Power Spectral Density Plot Antenna 1A (BTCSM1_LE1M, ePA – Ch. 17)

FCC ID: BCGA3596 IC: 579C-A3596	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 4/23/2026 - 7/16/2026	EUT Type: Tablet Device	Approved by: Technical Manager
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Plot 7-83. Power Spectral Density Plot Antenna 3A (BTCM1_LE1M, iPA – Ch. 17)



Plot 7-84. Power Spectral Density Plot Antenna 1A (BTCM1_LE1M, iPA – Ch. 17)

FCC ID: BCGA3596 IC: 579C-A3596	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 4/23/2026 - 7/16/2026	EUT Type: Tablet Device	Approved by: Technical Manager
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Plot 7-85. Power Spectral Density Plot Antenna 3A (BTCSM1_LE2M, ePA – Ch. 17)



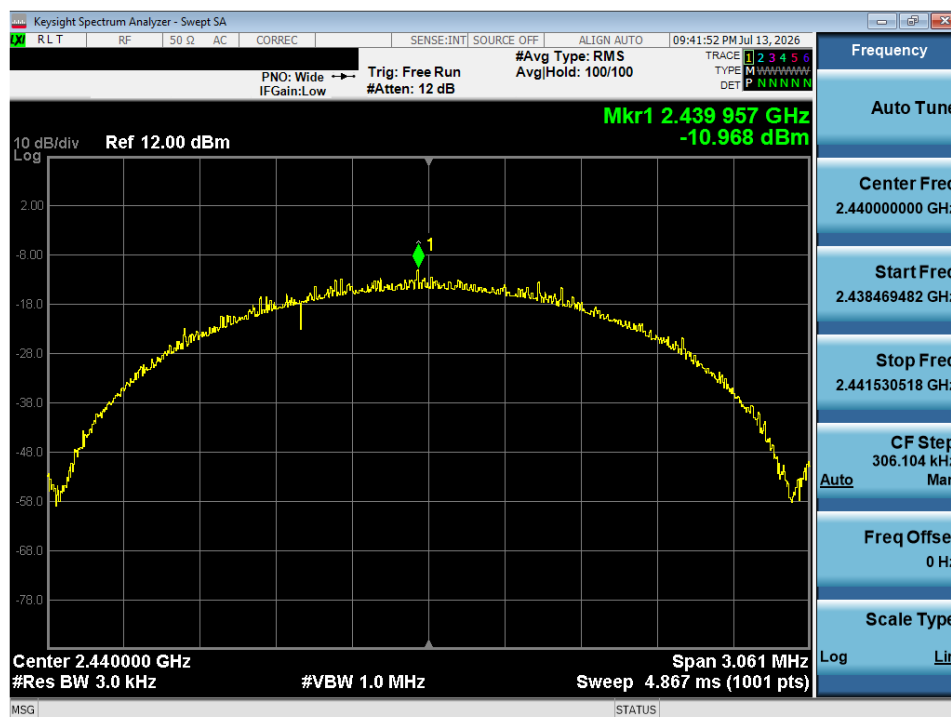
Plot 7-86. Power Spectral Density Plot Antenna 1A (BTCSM1_LE2M, ePA – Ch. 17)

FCC ID: BCGA3596 IC: 579C-A3596	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 4/23/2026 - 7/16/2026	EUT Type: Tablet Device	Approved by: Technical Manager
Test Report S/N: 1C2604030026-11-R4.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 79 of 137

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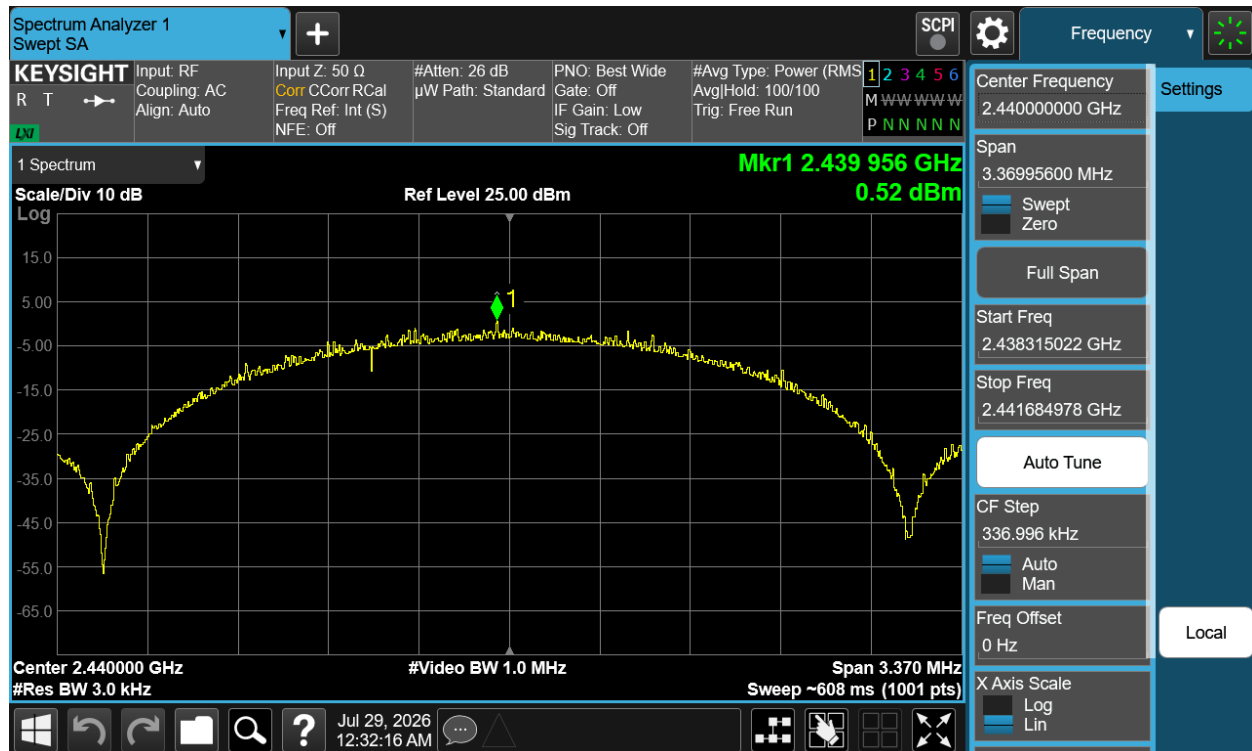
Plot 7-87. Power Spectral Density Plot Antenna 3A (BTCM1_LE2M, iPA – Ch. 17)



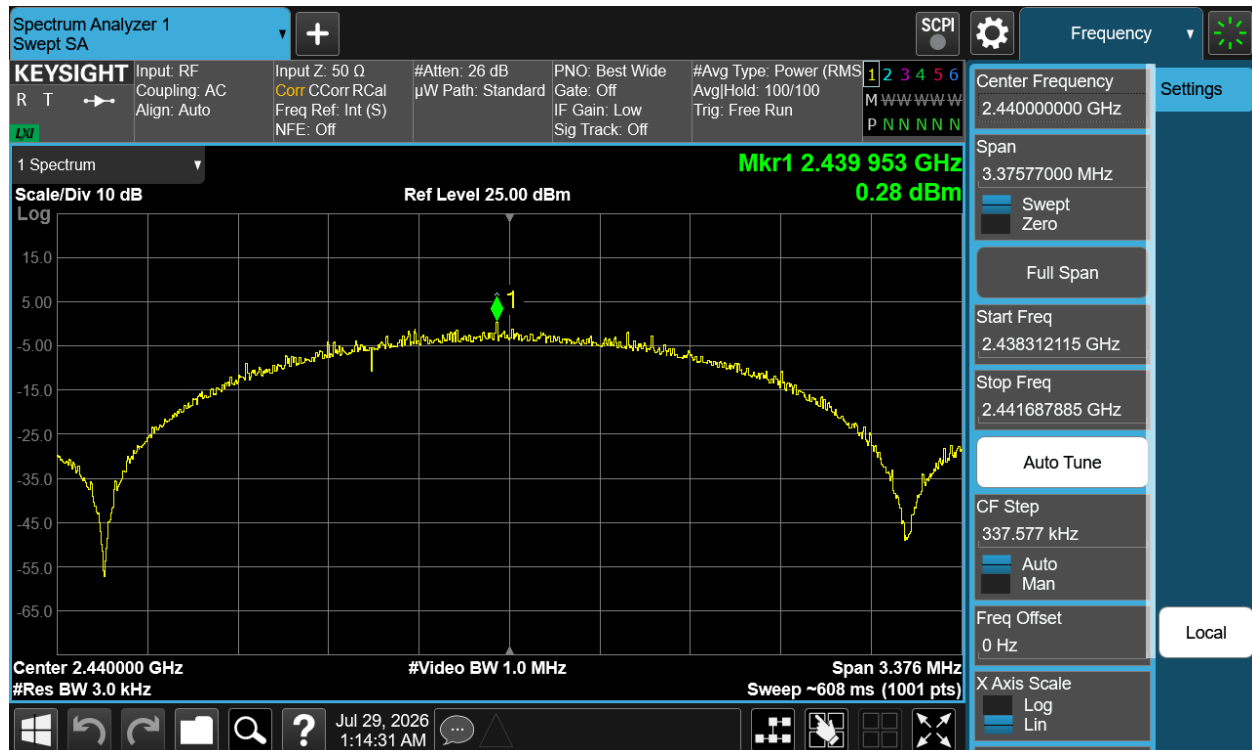
Plot 7-88. Power Spectral Density Plot Antenna 1A (BTCM1_LE2M, iPA – Ch. 17)

FCC ID: BCGA3596 IC: 579C-A3596	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 4/23/2026 - 7/16/2026	EUT Type: Tablet Device	Approved by: Technical Manager
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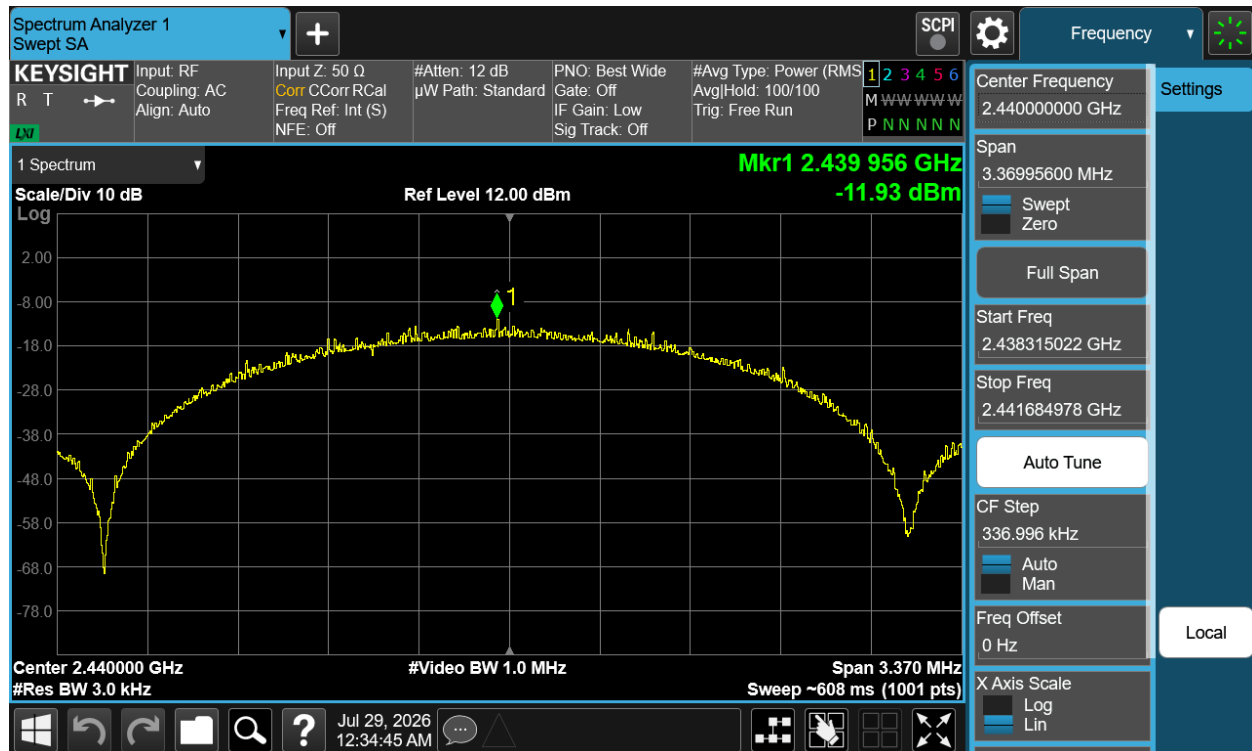


Plot 7-89. Power Spectral Density Plot Antenna 3A (BTCM1_LE2M 2.0, ePA – Ch. 17)

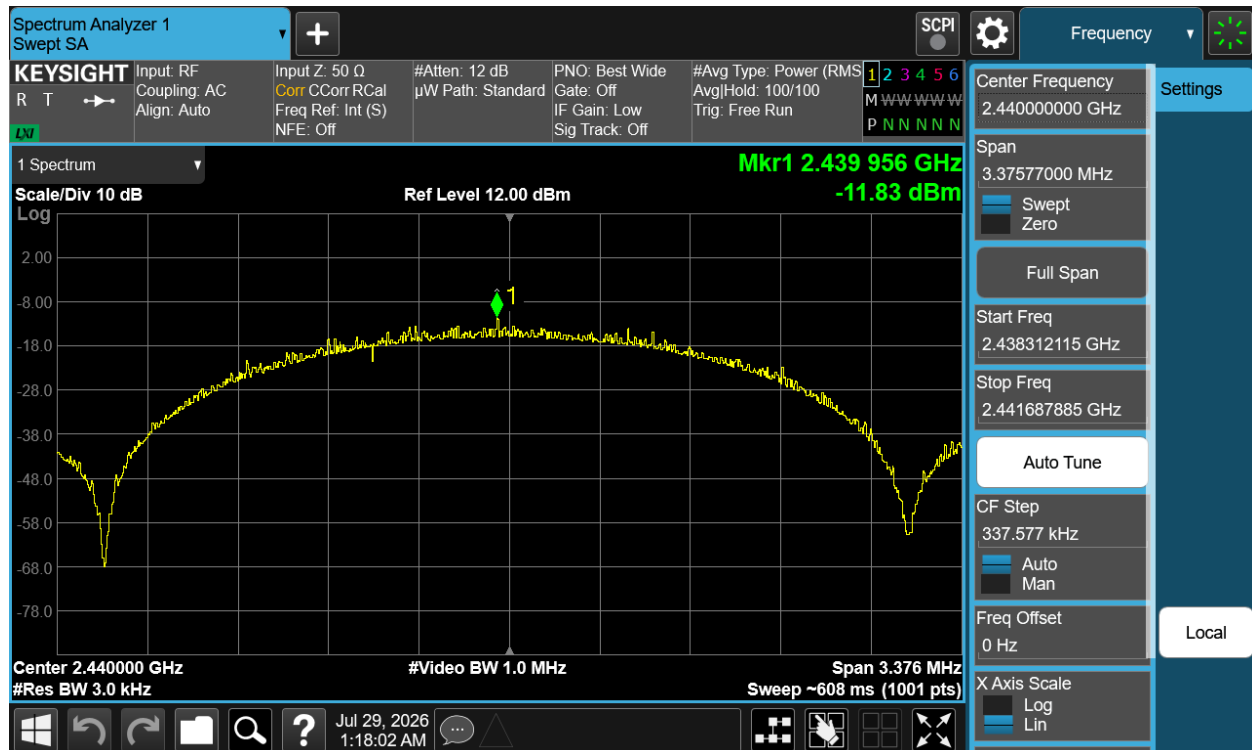


Plot 7-90. Power Spectral Density Plot Antenna 1A (BTCM1_LE2M 2.0, ePA – Ch. 17)

FCC ID: BCGA3596 IC: 579C-A3596	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 4/23/2026 - 7/16/2026	EUT Type: Tablet Device	Approved by: Technical Manager
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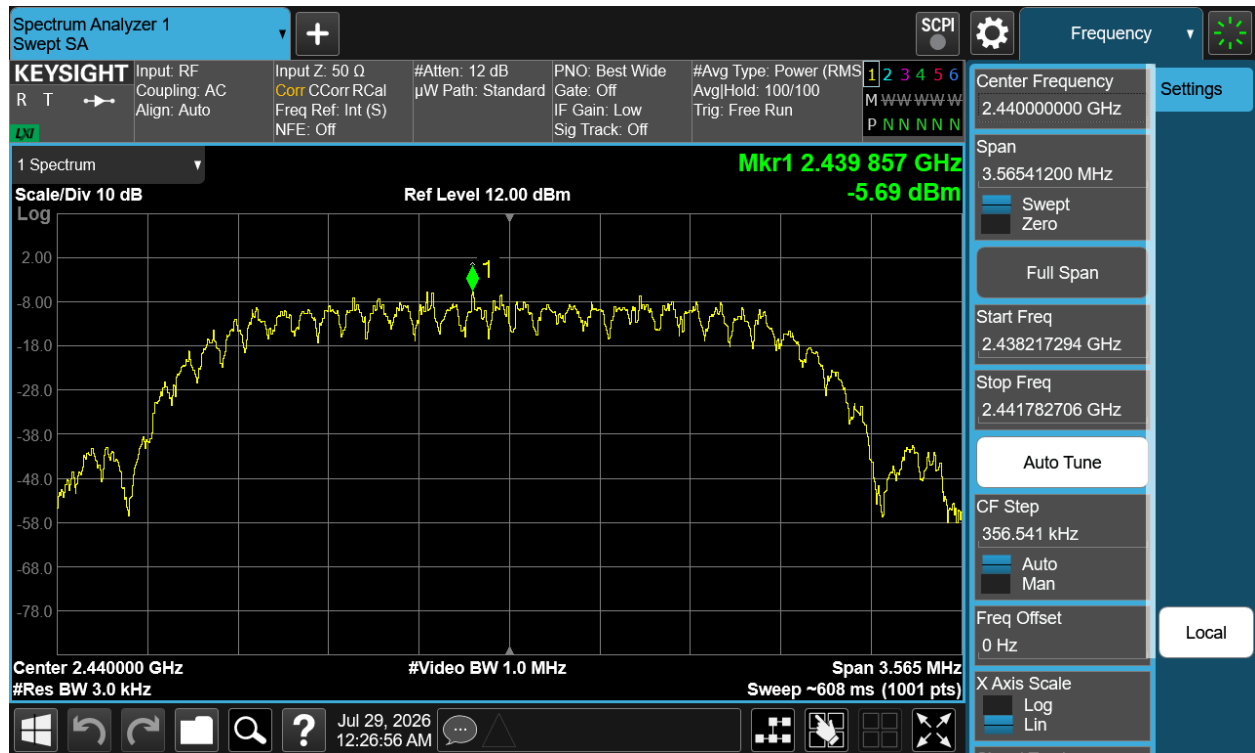


Plot 7-91. Power Spectral Density Plot Antenna 3A (BTCSM1_LE2M 2.0, iPA – Ch. 17)

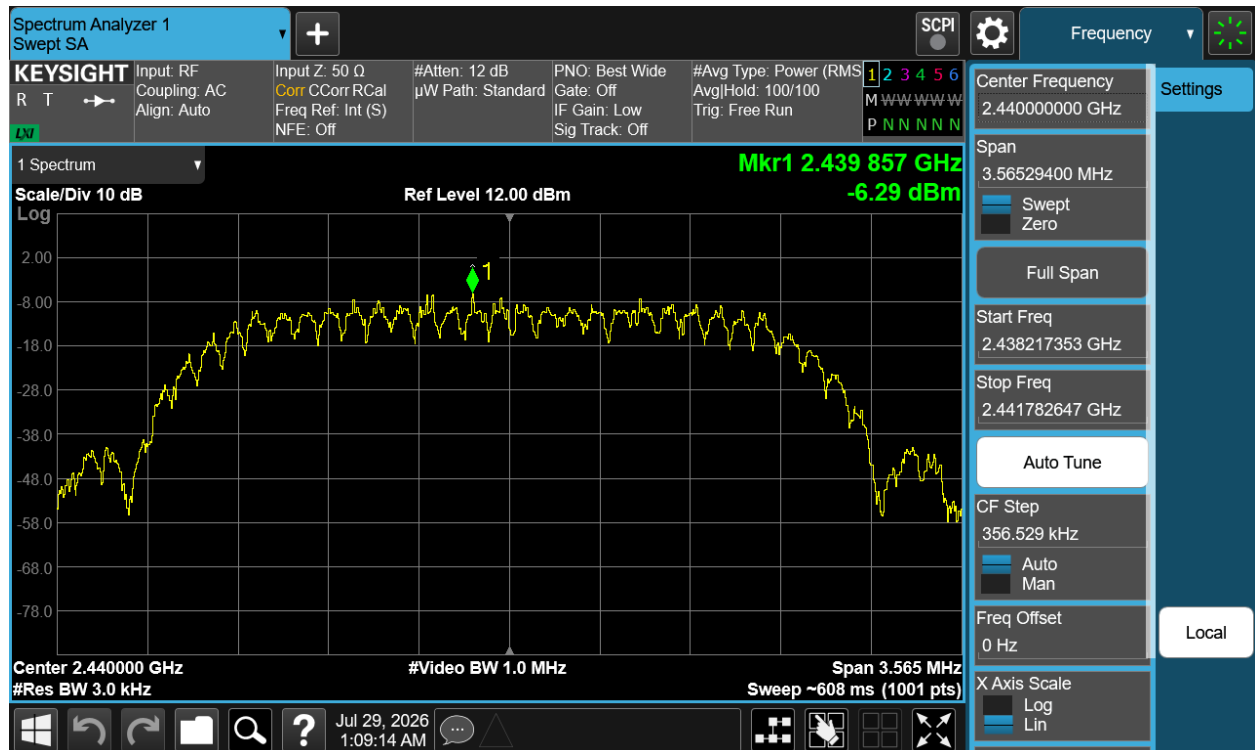


Plot 7-92. Power Spectral Density Plot Antenna 1A (BTCSM1_LE2M 2.0, iPA – Ch. 17)

FCC ID: BCGA3596 IC: 579C-A3596	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 4/23/2026 - 7/16/2026	EUT Type: Tablet Device	Approved by: Technical Manager
Test Report S/N: 1C2604030026-11-R4.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 82 of 137

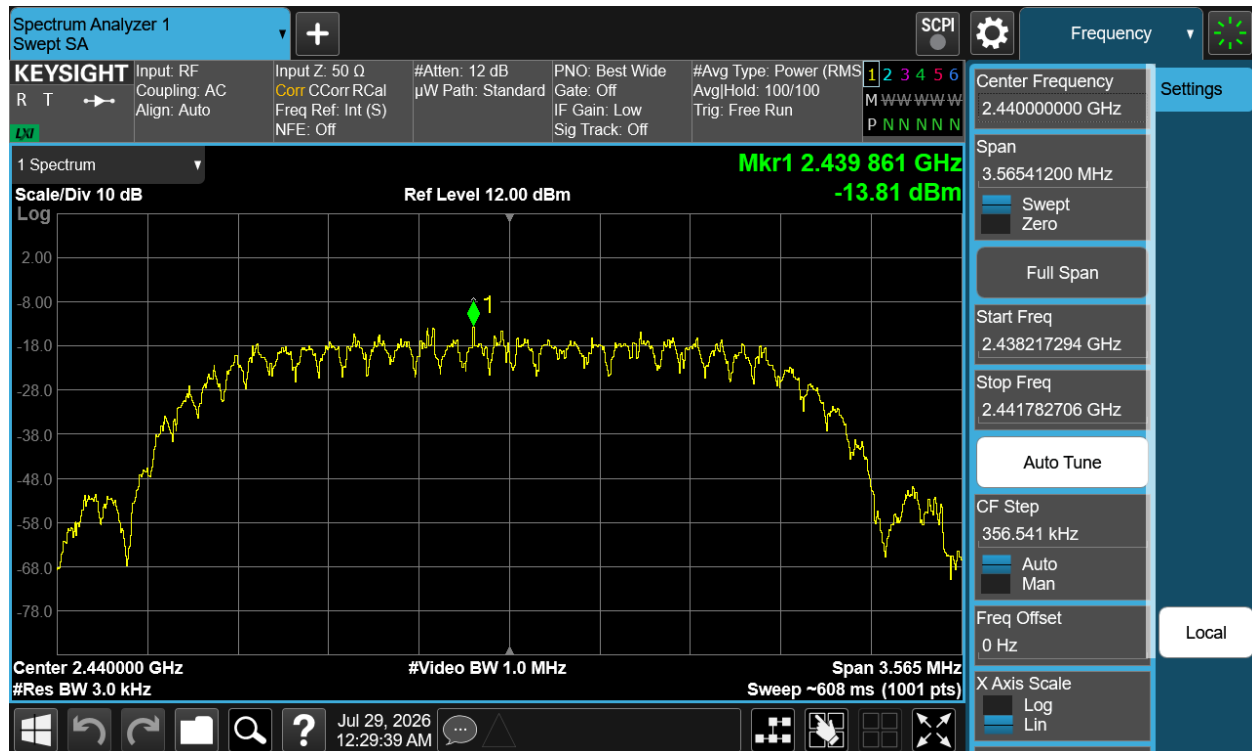


Plot 7-93. Power Spectral Density Plot Antenna 3A (Bluetooth (HDT2), 2Mbps, ePA – Ch. 17)

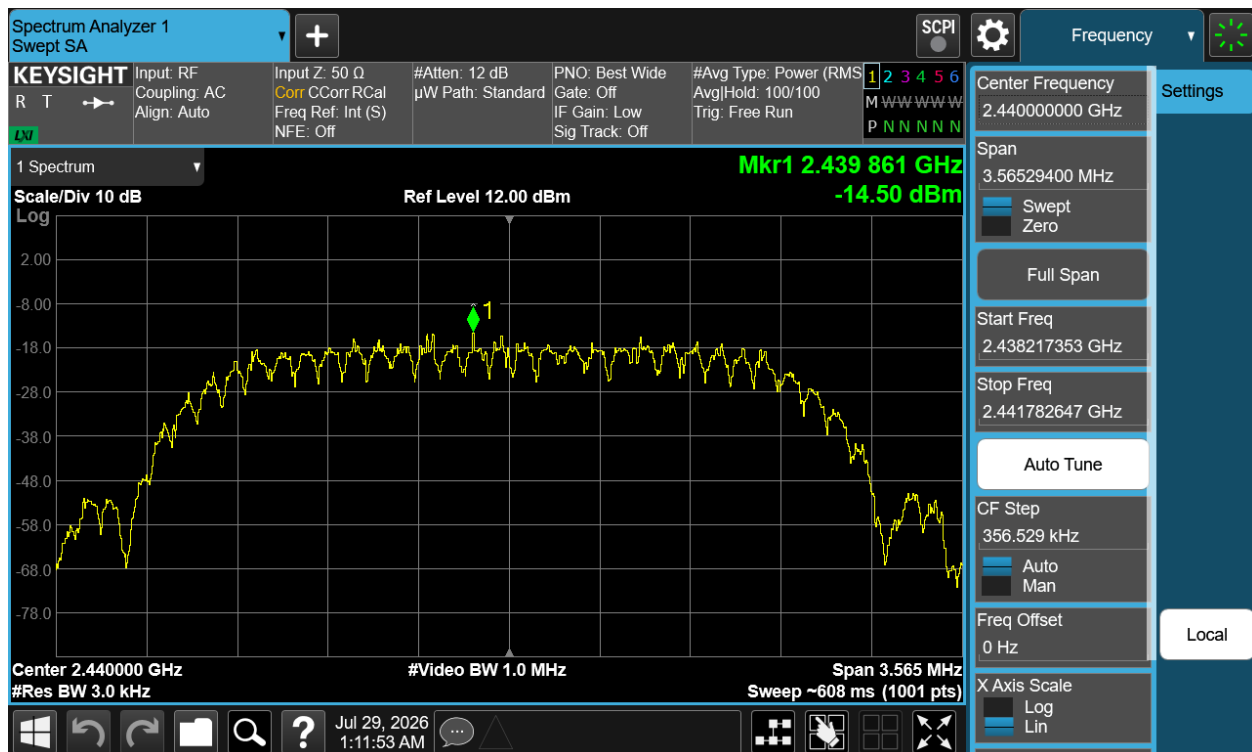


Plot 7-94. Power Spectral Density Plot Antenna 1A (Bluetooth (HDT2), 2Mbps, ePA – Ch. 17)

FCC ID: BCGA3596 IC: 579C-A3596	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 4/23/2026 - 7/16/2026	EUT Type: Tablet Device	Approved by: Technical Manager
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Plot 7-95. Power Spectral Density Plot Antenna 3A (Bluetooth (HDT2), 2Mbps, iPA – Ch. 17)



Plot 7-96. Power Spectral Density Plot Antenna 1A (Bluetooth (HDT2), 2Mbps, iPA – Ch. 17)

FCC ID: BCGA3596 IC: 579C-A3596	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 4/23/2026 - 7/16/2026	EUT Type: Tablet Device	Approved by: Technical Manager
Test Report S/N: 1C2604030026-11-R4.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 84 of 137

7.5.4 TxBF and Directional Gain Calculation

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 n th 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 Section 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 PSD Calculation:

At 2402 MHz the average conducted power spectral density was measured to be 3.82 dBm for Antenna 3A and 3.95 dBm for Antenna 1A.

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

$$(3.82 \text{ dBm} + 3.95 \text{ dBm}) = (2.41 \text{ mW} + 2.483 \text{ mW}) = 4.884 \text{ mW} = 6.90 \text{ dBm}$$

FCC ID: BCGA3596 IC: 579C-A3596	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 4/23/2026 - 7/16/2026	EUT Type: Tablet Device	Approved by: Technical Manager
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7.6 Conducted Authorized Band Edge

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 20 dB below the fundamental emission level, as determined from the in-band power measurement of the DTS channel performed in a 100 kHz 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 = 100 kHz
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.



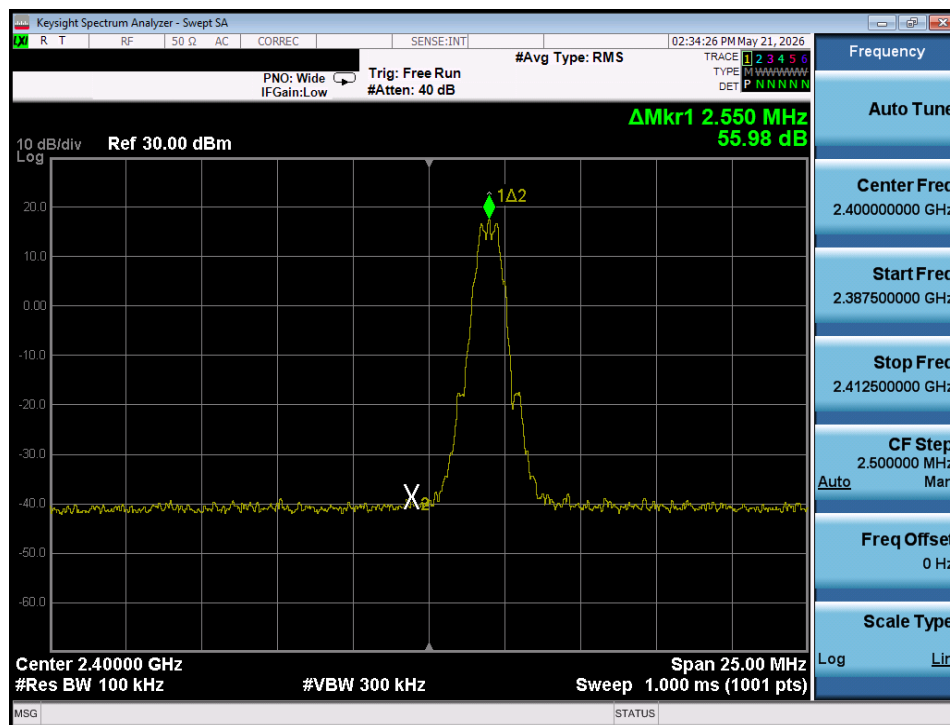
Figure 7-5. Test Instrument & Measurement Setup

Test Notes

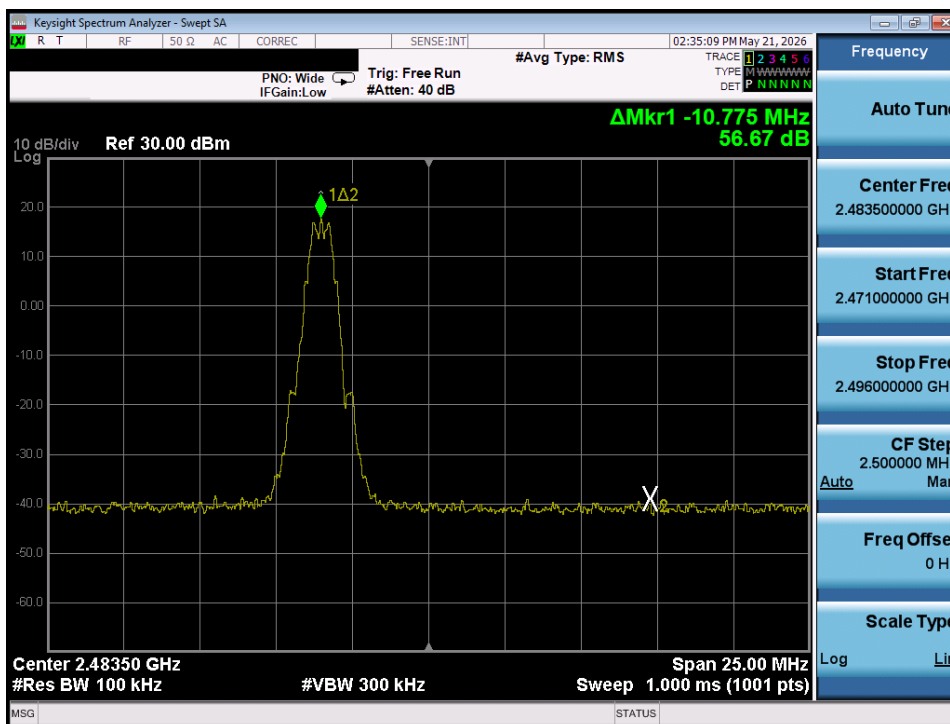
All supported modulation, antenna (including TxBF mode) and power schemes have been tested on the unit and only worst case configuration is reported.

FCC ID: BCGA3596 IC: 579C-A3596	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 4/23/2026 - 7/16/2026	EUT Type: Tablet Device	Approved by: Technical Manager
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7.6.1 Antenna 3A



Plot 7-97. Band Edge Plot Antenna 3A (Bluetooth (LE), 125kbps, ePA – Ch. 37)

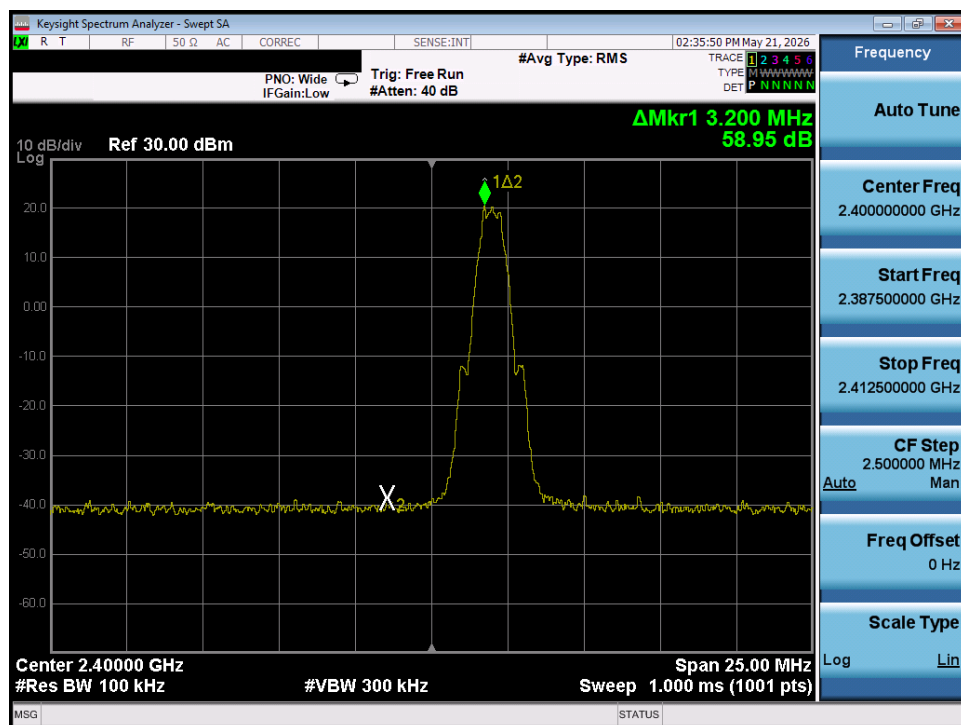


Plot 7-98. Band Edge Plot Antenna 3A (Bluetooth (LE), 125kbps, ePA – Ch. 39)

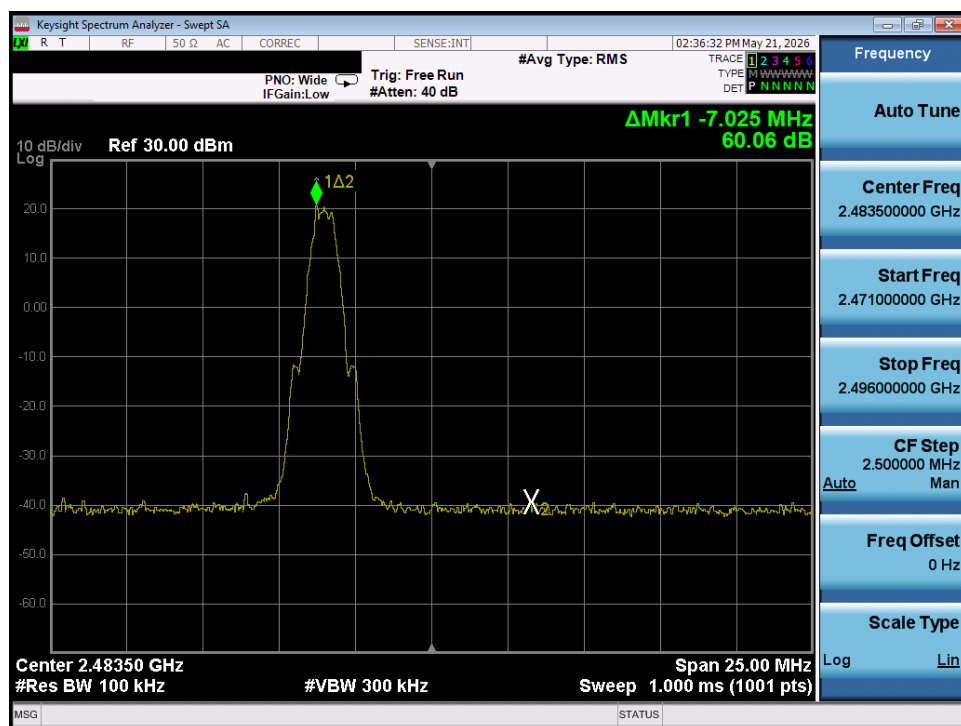
FCC ID: BCGA3596 IC: 579C-A3596	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 4/23/2026 - 7/16/2026	EUT Type: Tablet Device	Approved by: Technical Manager
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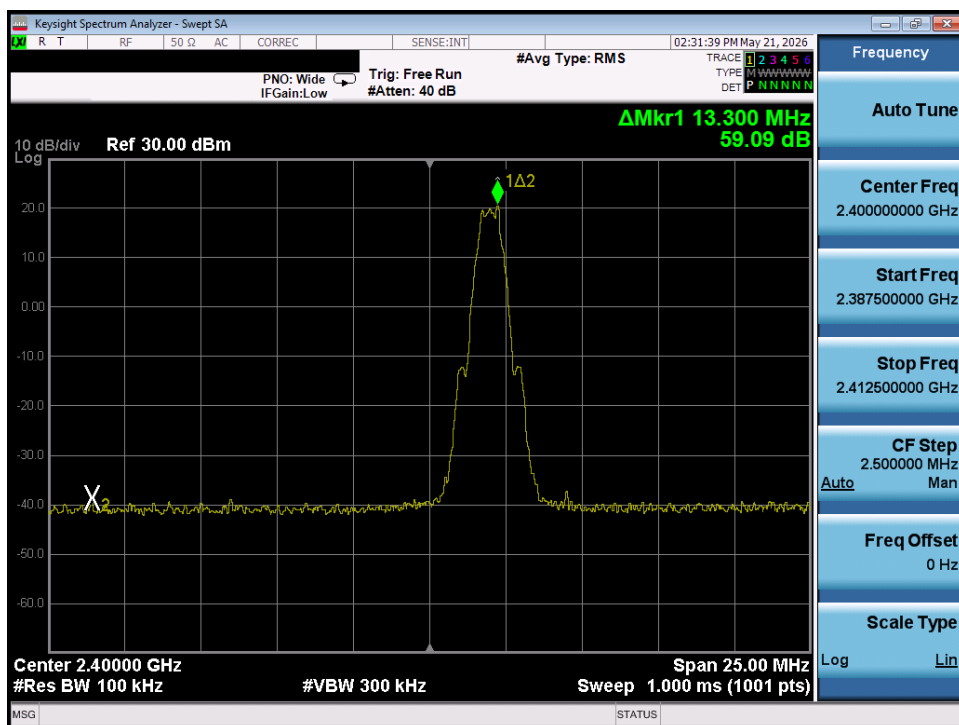
Plot 7-99. Band Edge Plot Antenna 3A (Bluetooth (LE), 500kbps, ePA – Ch. 37)



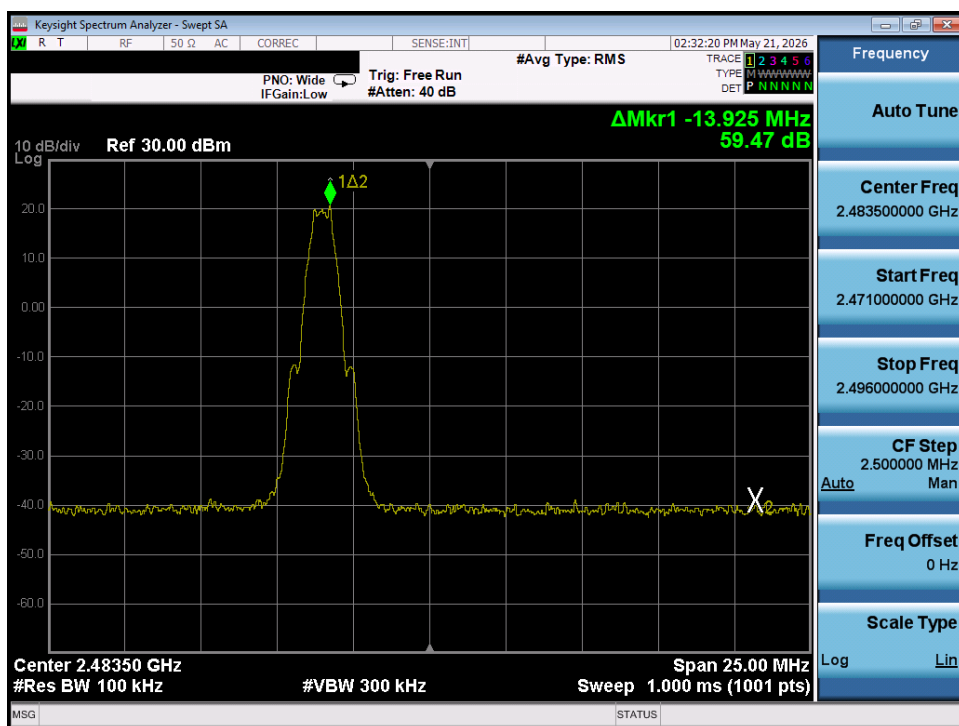
Plot 7-100. Band Edge Plot Antenna 3A (Bluetooth (LE), 500kbps, ePA – Ch. 39)

FCC ID: BCGA3596 IC: 579C-A3596	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 4/23/2026 - 7/16/2026	EUT Type: Tablet Device	Approved by: Technical Manager
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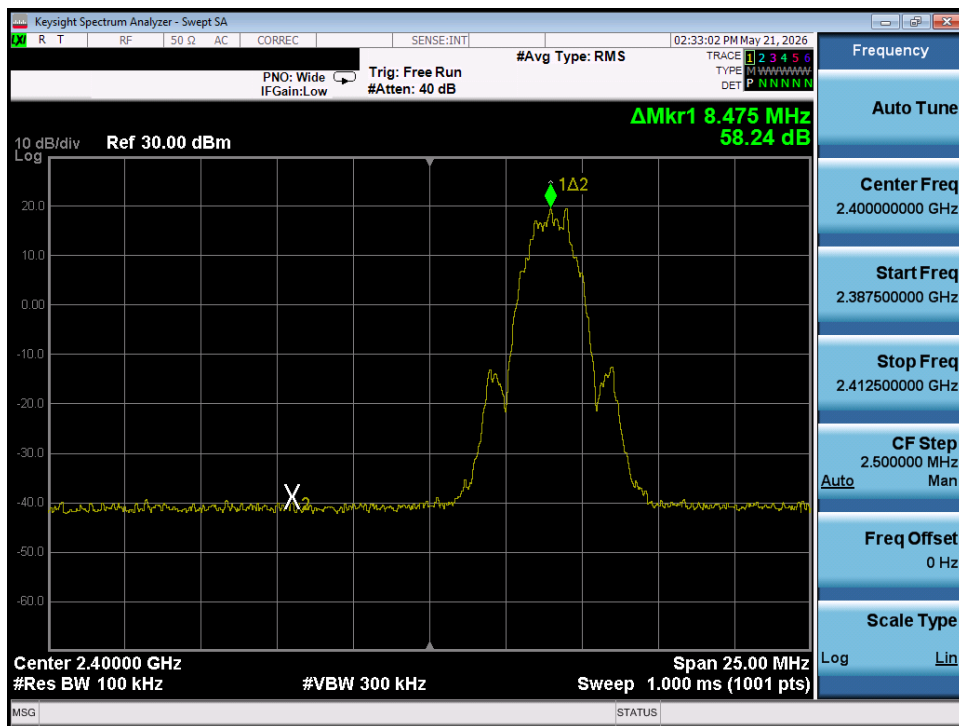


Plot 7-101. Band Edge Plot Antenna 3A (Bluetooth (LE), 1Mbps, ePA – Ch. 37)

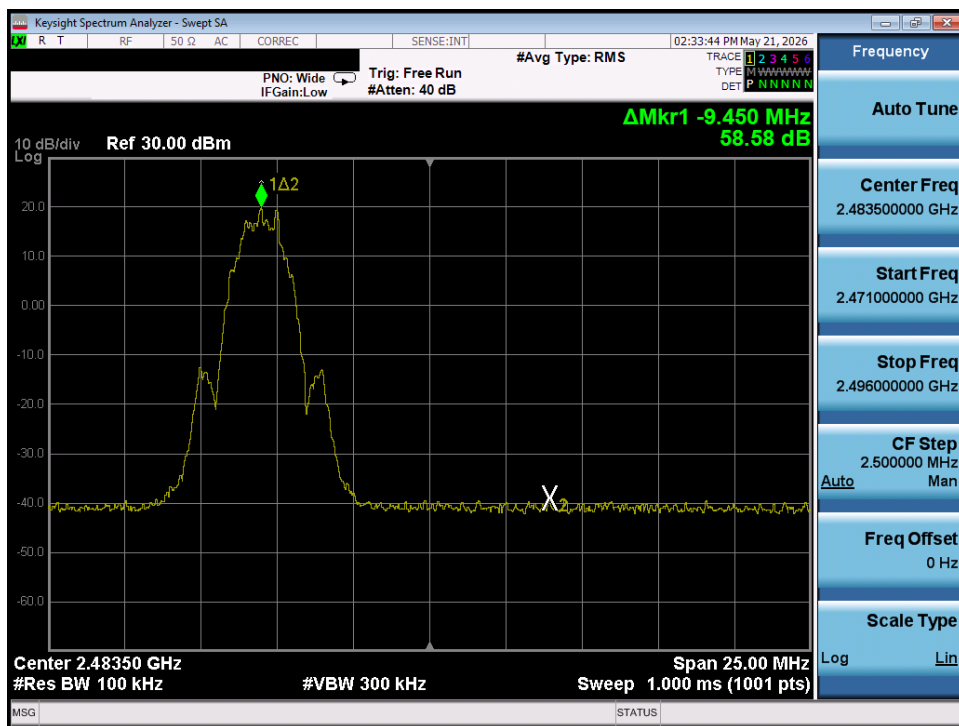


Plot 7-102. Band Edge Plot Antenna 3A (Bluetooth (LE), 1Mbps, ePA – Ch. 39)

FCC ID: BCGA3596 IC: 579C-A3596	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 4/23/2026 - 7/16/2026	EUT Type: Tablet Device	Approved by: Technical Manager
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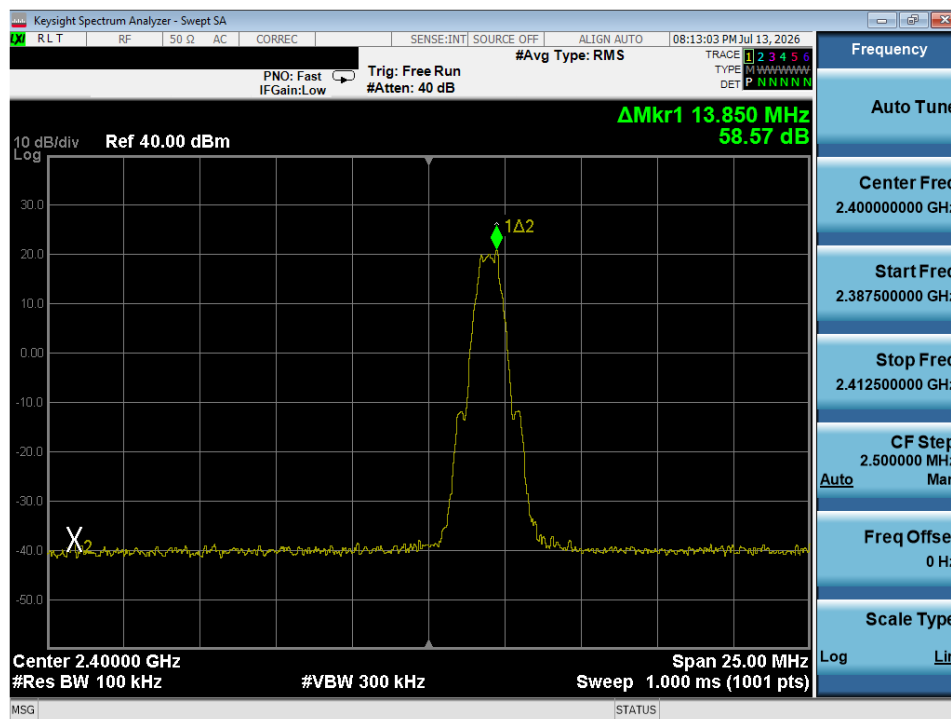
Plot 7-103. Band Edge Plot Antenna 3A (Bluetooth (LE), 2Mbps, ePA – Ch. 0)



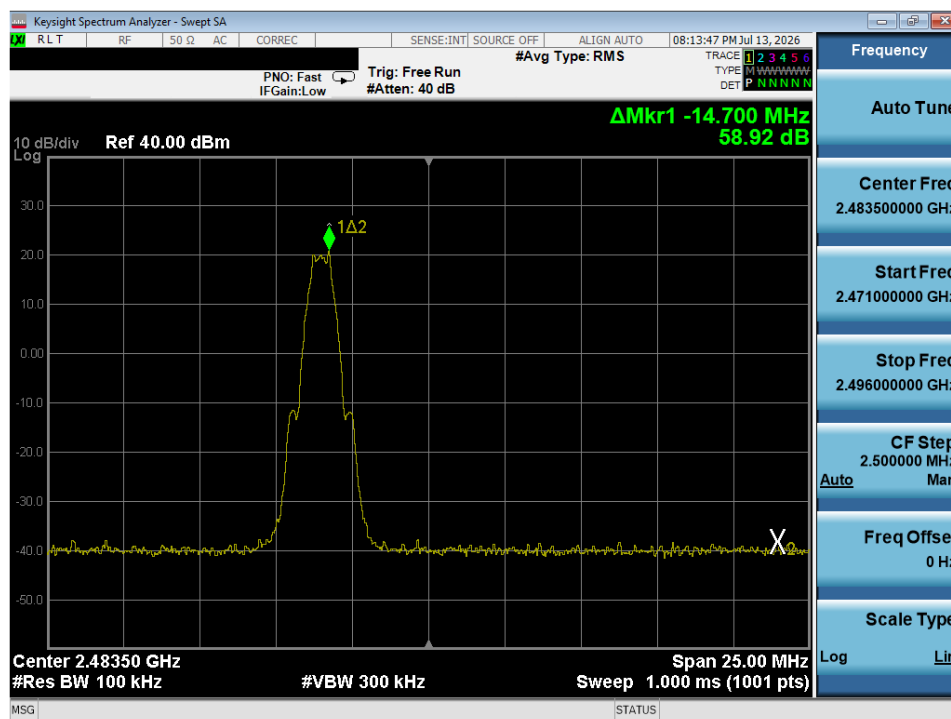
Plot 7-104. Band Edge Plot Antenna 3A (Bluetooth (LE), 2Mbps, ePA – Ch. 36)

FCC ID: BCGA3596 IC: 579C-A3596	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 4/23/2026 - 7/16/2026	EUT Type: Tablet Device	Approved by: Technical Manager
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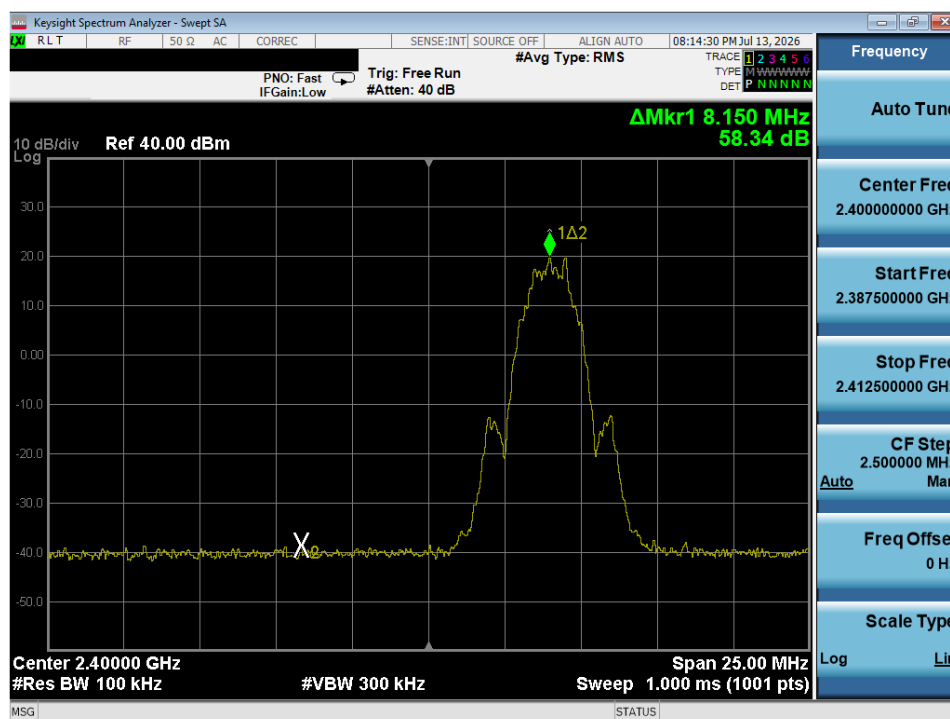
Plot 7-105. Band Edge Plot Antenna 3A (BTCSM1_LE1M, ePA – Ch. 37)



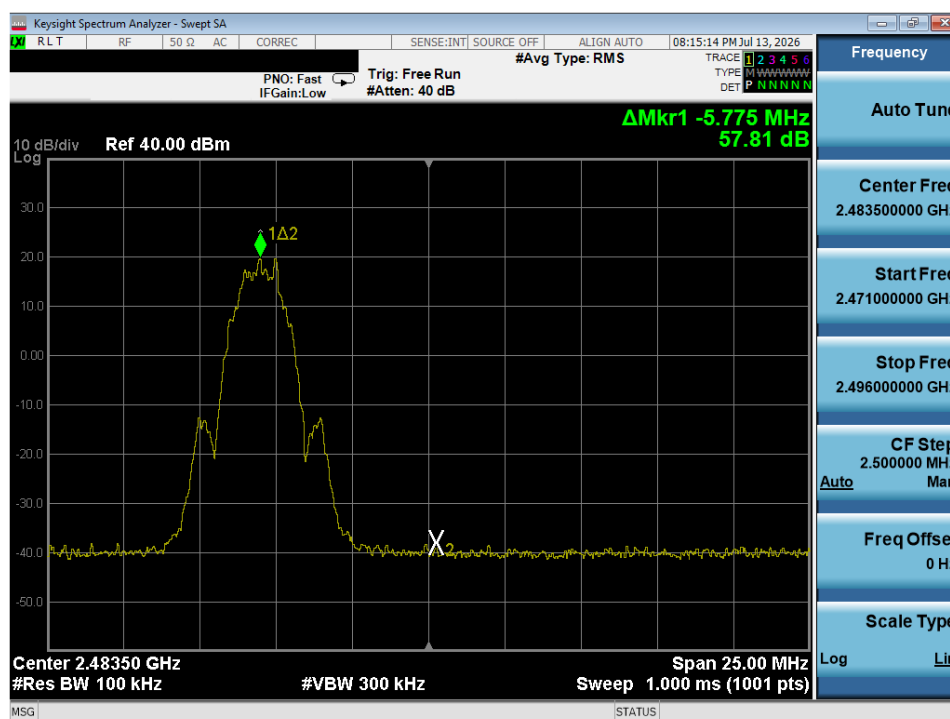
Plot 7-106. Band Edge Plot Antenna 3A (BTCSM1_LE1M, ePA – Ch. 39)

FCC ID: BCGA3596 IC: 579C-A3596	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 4/23/2026 - 7/16/2026	EUT Type: Tablet Device	Approved by: Technical Manager
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Plot 7-107. Band Edge Plot Antenna 3A (BTCSM1_LE2M, ePA – Ch. 0)

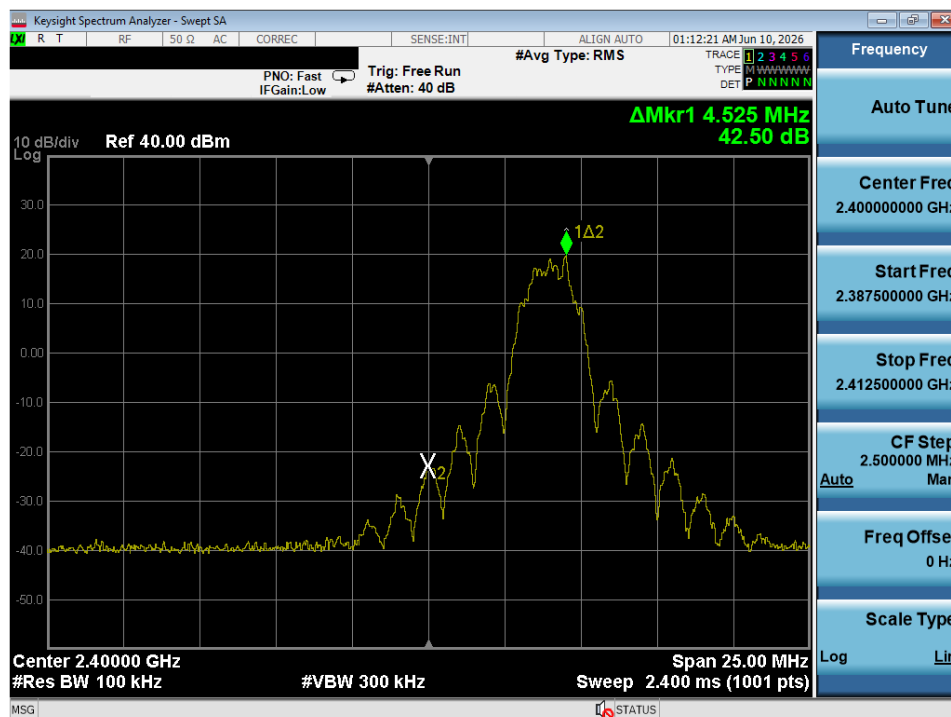


Plot 7-108. Band Edge Plot Antenna 3A (BTCSM1_LE2M, ePA – Ch. 36)

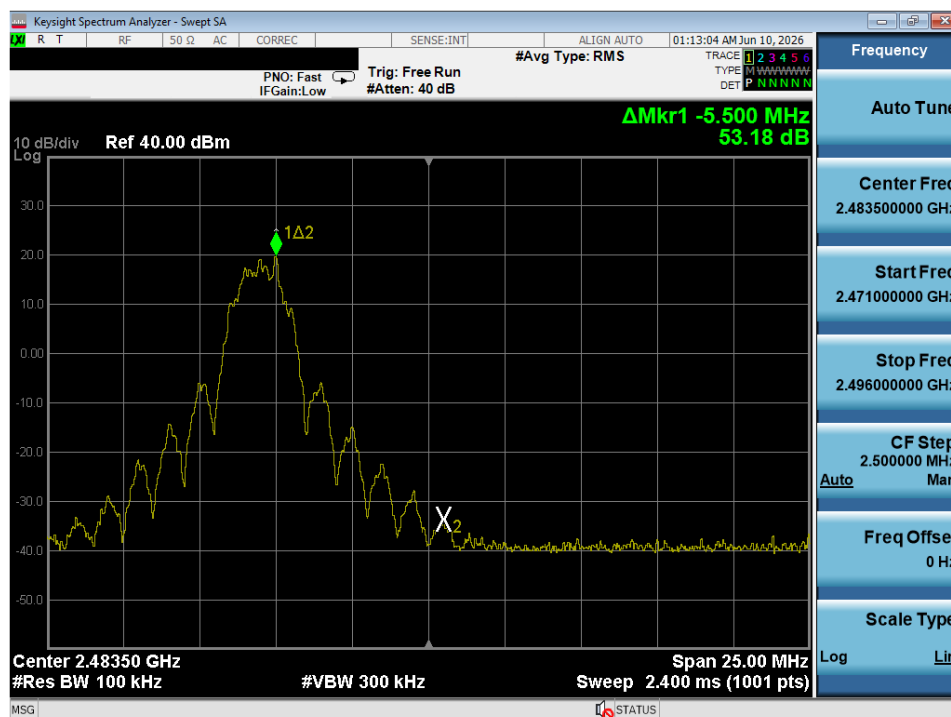
FCC ID: BCGA3596 IC: 579C-A3596	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 4/23/2026 - 7/16/2026	EUT Type: Tablet Device	Approved by: Technical Manager
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Plot 7-109. Band Edge Plot Antenna 3A (BTCSM1_LE2M 2.0, ePA – Ch. 0)

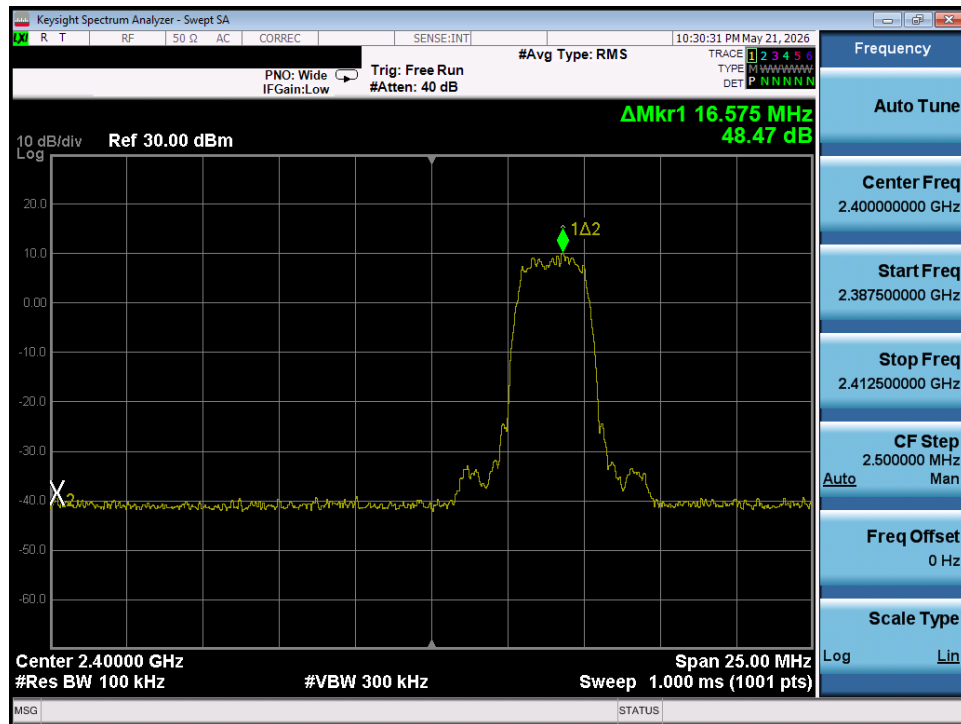


Plot 7-110. Band Edge Plot Antenna 3A (BTCSM1_LE2M 2.0, ePA – Ch. 36)

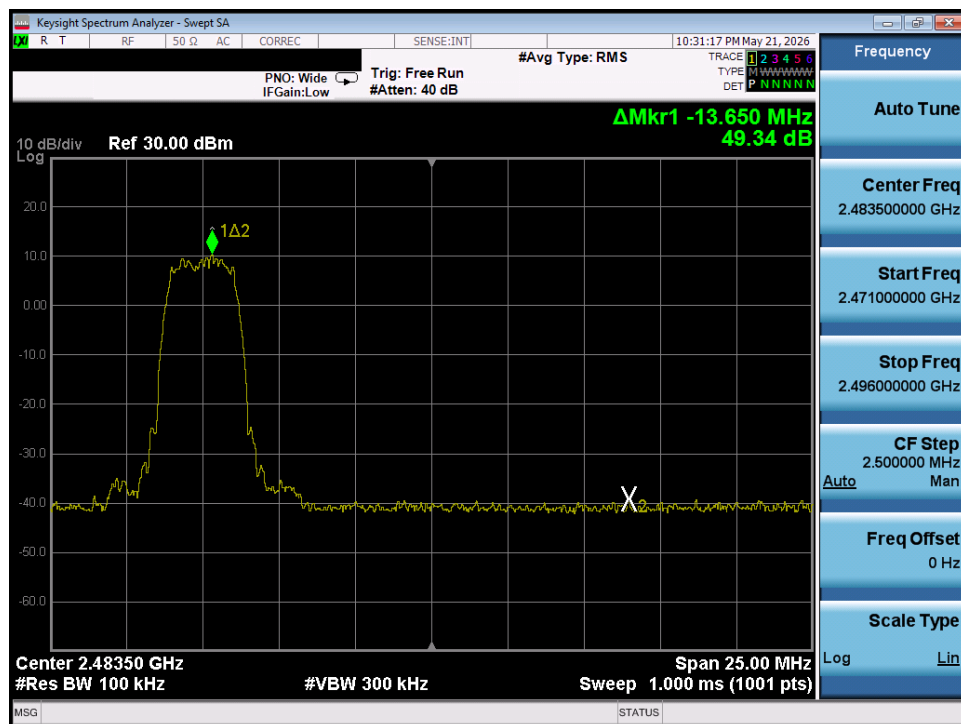
FCC ID: BCGA3596 IC: 579C-A3596	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 4/23/2026 - 7/16/2026	EUT Type: Tablet Device	Approved by: Technical Manager
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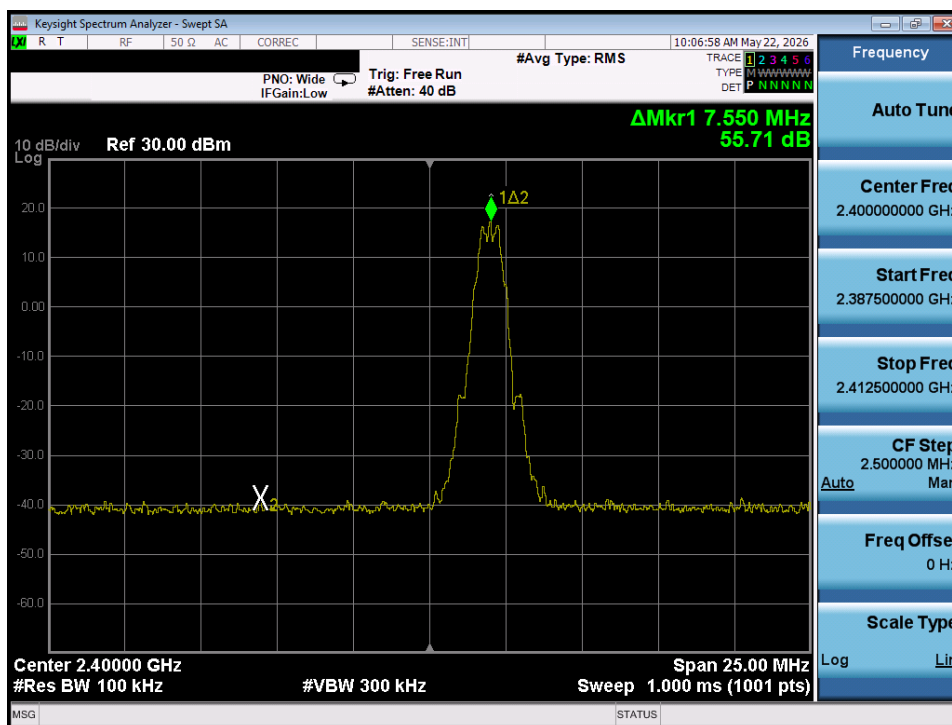
Plot 7-111. Band Edge Plot Antenna 3A (Bluetooth (HDT2), 2Mbps, ePA – Ch. 0)



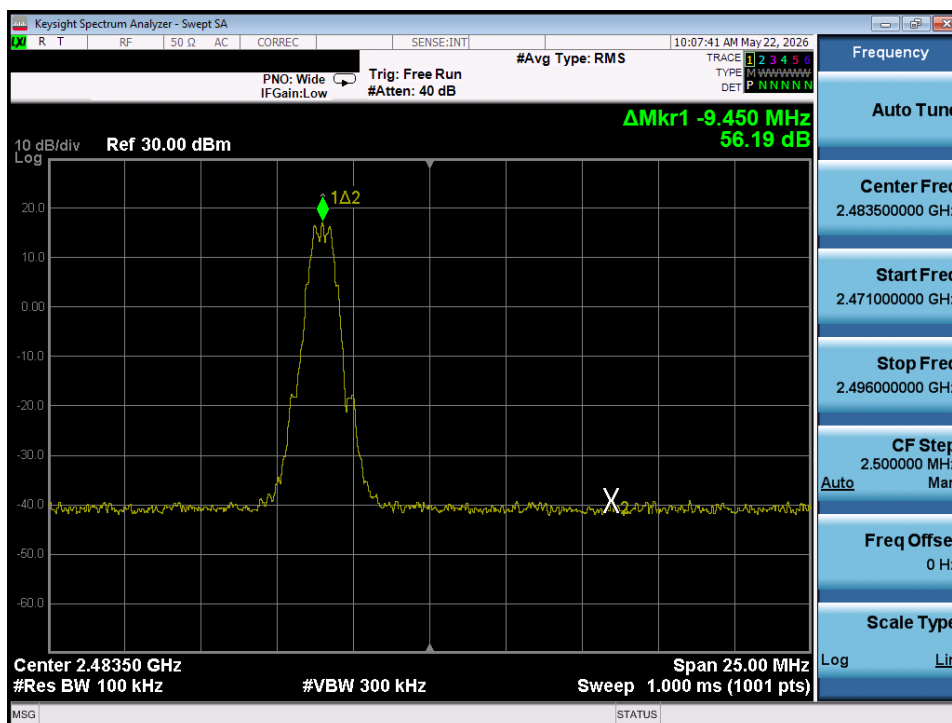
Plot 7-112. Band Edge Plot Antenna 3A (Bluetooth (HDT2), 2Mbps, ePA – Ch. 35)

FCC ID: BCGA3596 IC: 579C-A3596	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 4/23/2026 - 7/16/2026	EUT Type: Tablet Device	Approved by: Technical Manager
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7.6.2 Antenna 1A

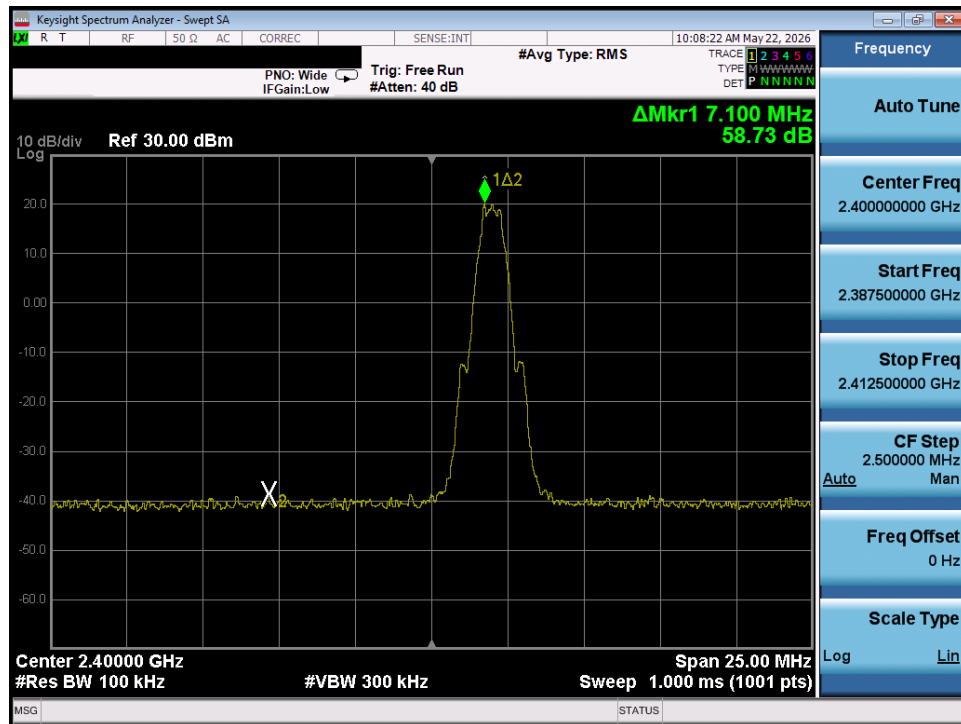


Plot 7-113. Band Edge Plot Antenna 1A (Bluetooth (LE), 125kbps, ePA – Ch. 37)

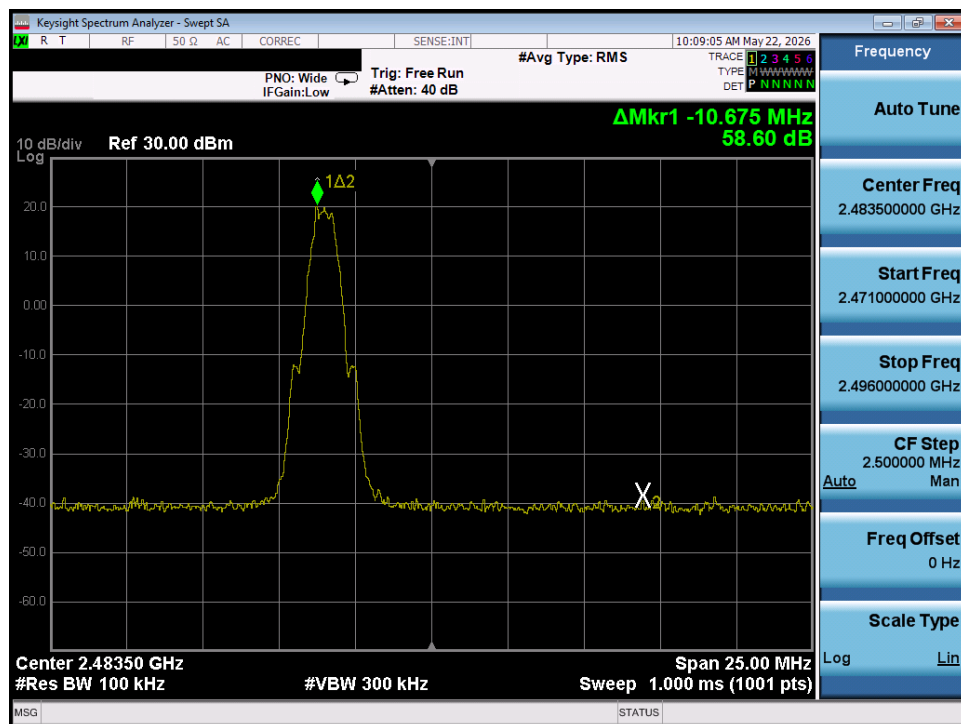


Plot 7-114. Band Edge Plot Antenna 1A (Bluetooth (LE), 125kbps, ePA – Ch. 39)

FCC ID: BCGA3596 IC: 579C-A3596	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 4/23/2026 - 7/16/2026	EUT Type: Tablet Device	Approved by: Technical Manager
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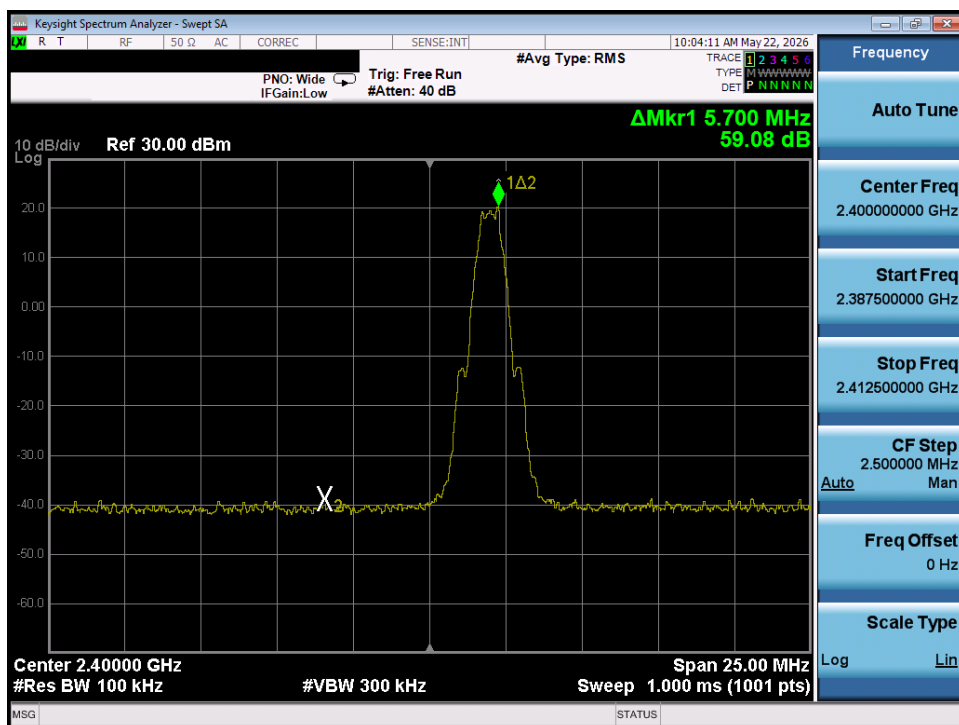


Plot 7-115. Band Edge Plot Antenna 1A (Bluetooth (LE), 500kbps, ePA – Ch. 37)

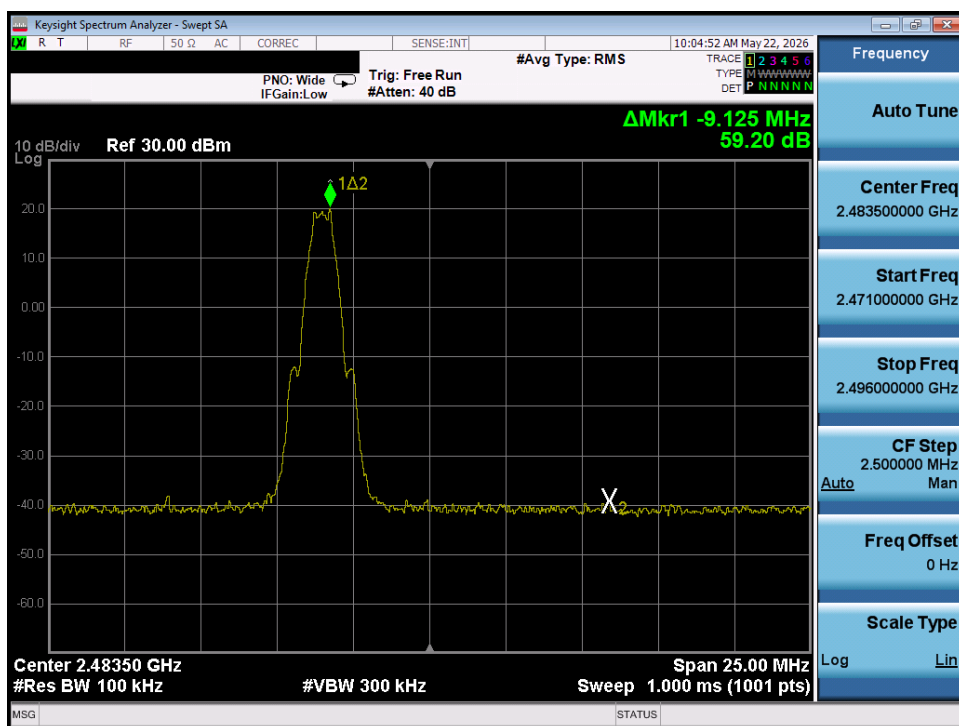


Plot 7-116. Band Edge Plot Antenna 1A (Bluetooth (LE), 500kbps, ePA – Ch. 39)

FCC ID: BCGA3596 IC: 579C-A3596	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 4/23/2026 - 7/16/2026	EUT Type: Tablet Device	Approved by: Technical Manager
Test Report S/N: 1C2604030026-11-R4.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 96 of 137

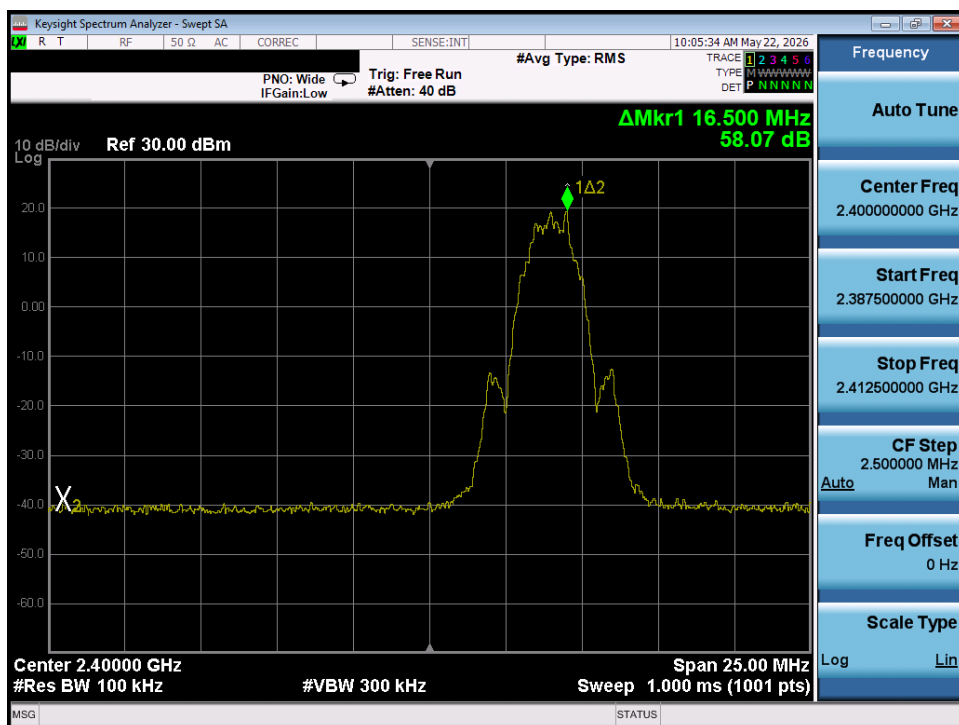


Plot 7-117. Band Edge Plot Antenna 1A (Bluetooth (LE), 1Mbps, ePA – Ch. 37)

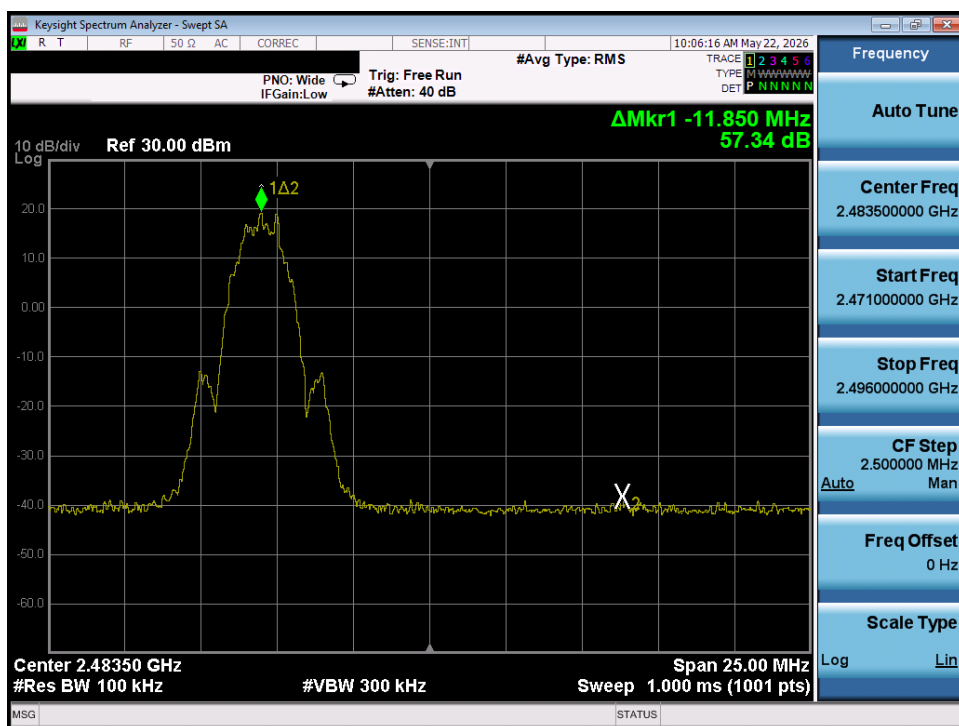


Plot 7-118. Band Edge Plot Antenna 1A (Bluetooth (LE), 1Mbps, ePA – Ch. 39)

FCC ID: BCGA3596 IC: 579C-A3596	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 4/23/2026 - 7/16/2026	EUT Type: Tablet Device	Approved by: Technical Manager
Test Report S/N: 1C2604030026-11-R4.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 97 of 137



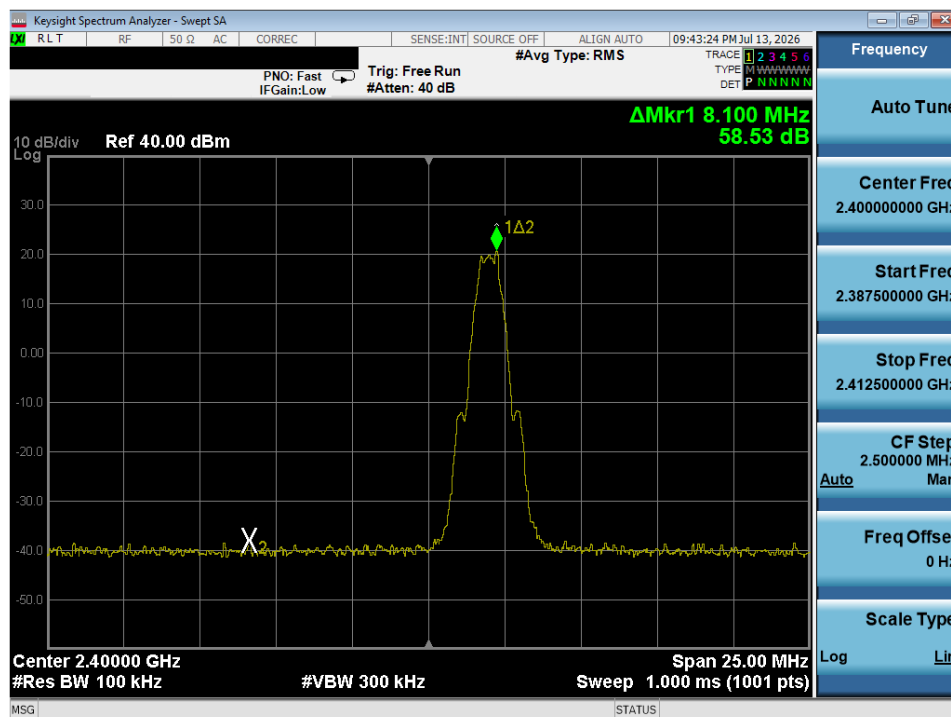
Plot 7-119. Band Edge Plot Antenna 1A (Bluetooth (LE), 2Mbps, ePA – Ch. 0)



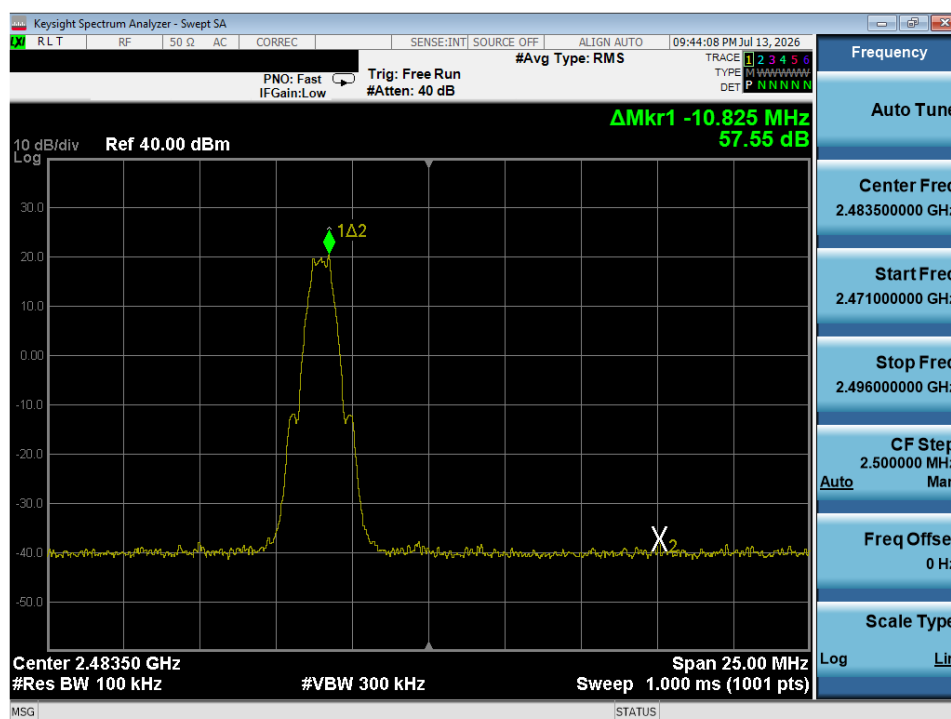
Plot 7-120. Band Edge Plot Antenna 1A (Bluetooth (LE), 2Mbps, ePA – Ch. 36)

FCC ID: BCGA3596 IC: 579C-A3596	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 4/23/2026 - 7/16/2026	EUT Type: Tablet Device	Approved by: Technical Manager
Test Report S/N: 1C2604030026-11-R4.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 98 of 137

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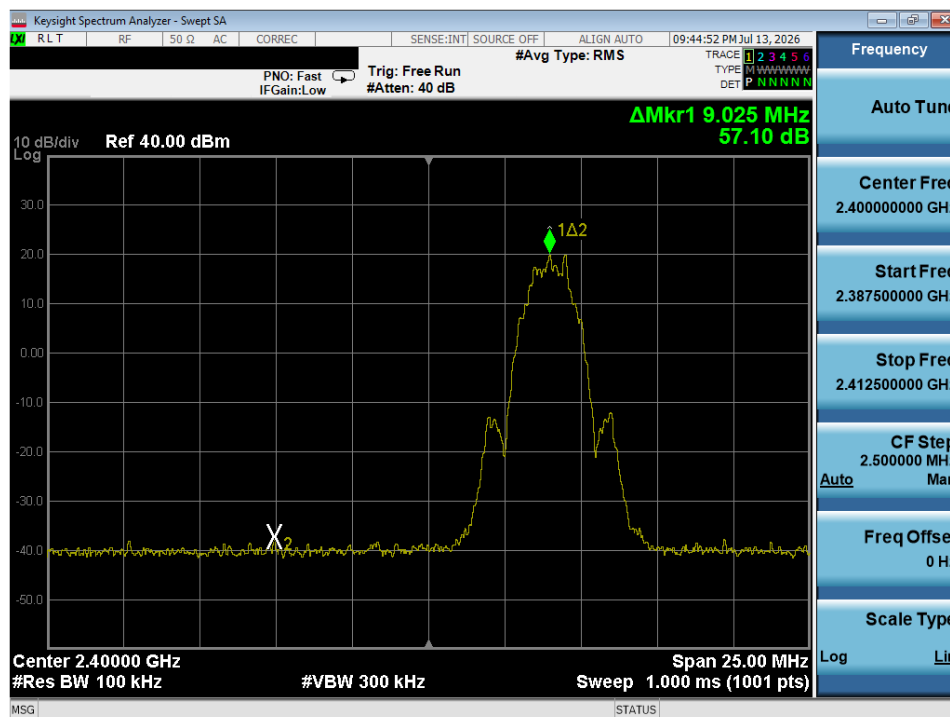
Plot 7-121. Band Edge Plot Antenna 1A (BTCSM1_LE1M, ePA – Ch. 37)



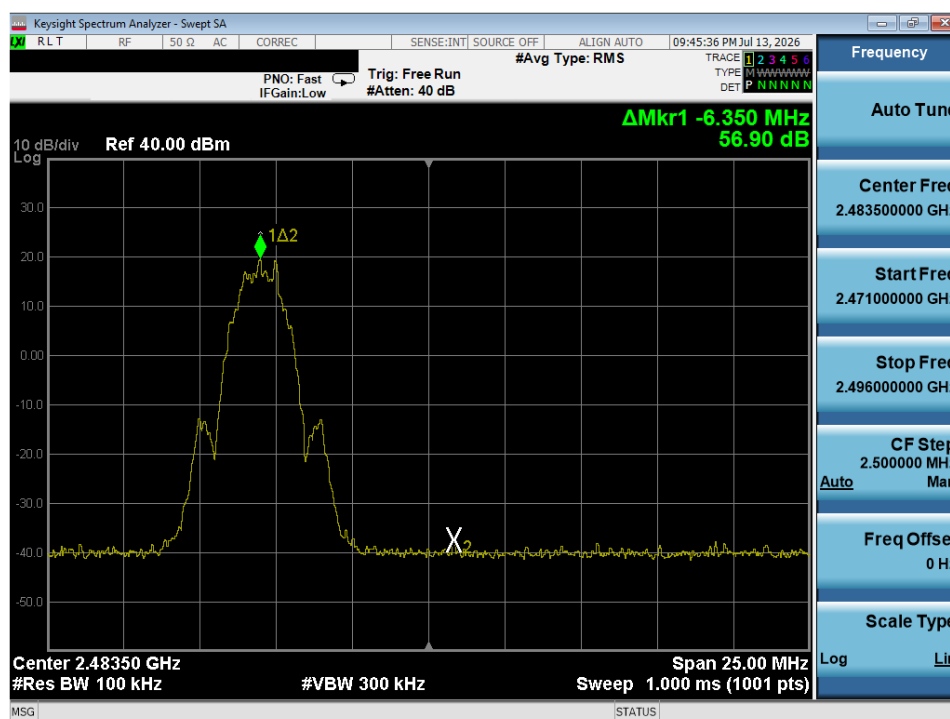
Plot 7-122. Band Edge Plot Antenna 1A (BTCSM1_LE1M, ePA – Ch. 39)

FCC ID: BCGA3596 IC: 579C-A3596	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 4/23/2026 - 7/16/2026	EUT Type: Tablet Device	Approved by: Technical Manager
Test Report S/N: 1C2604030026-11-R4.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 99 of 137

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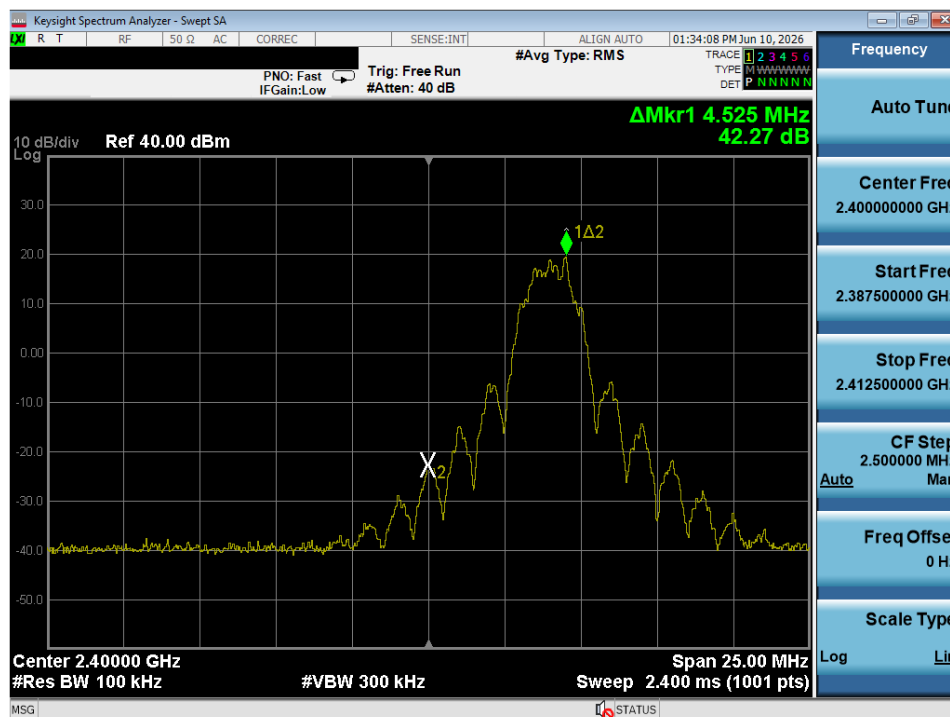
Plot 7-123. Band Edge Plot Antenna 1A (BTCSM1_LE2M, ePA – Ch. 0)

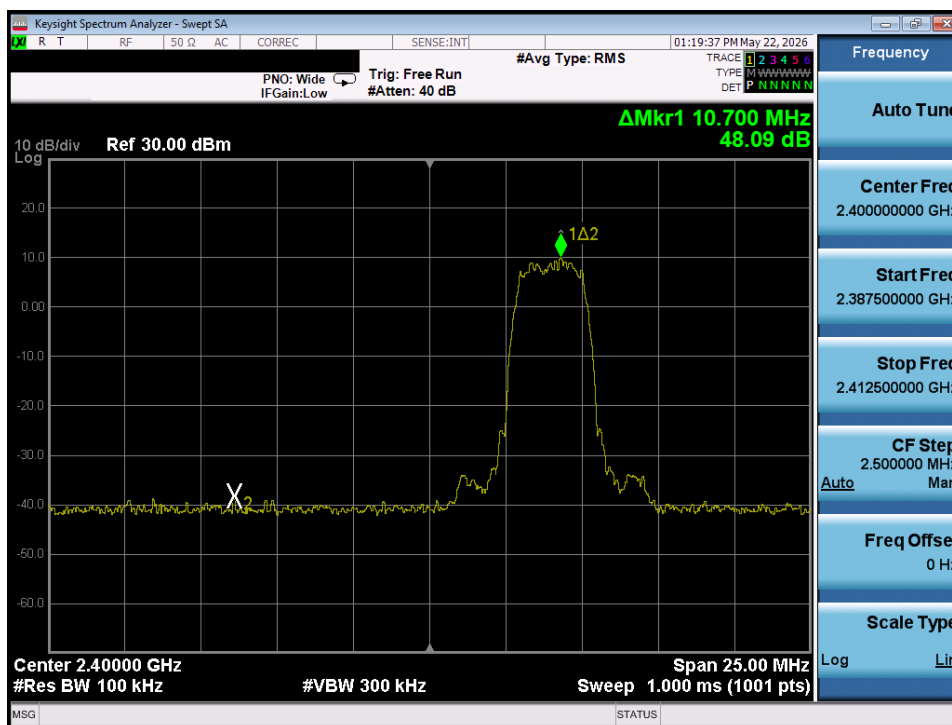


Plot 7-124. Band Edge Plot Antenna 1A (BTCSM1_LE2M, ePA – Ch. 36)

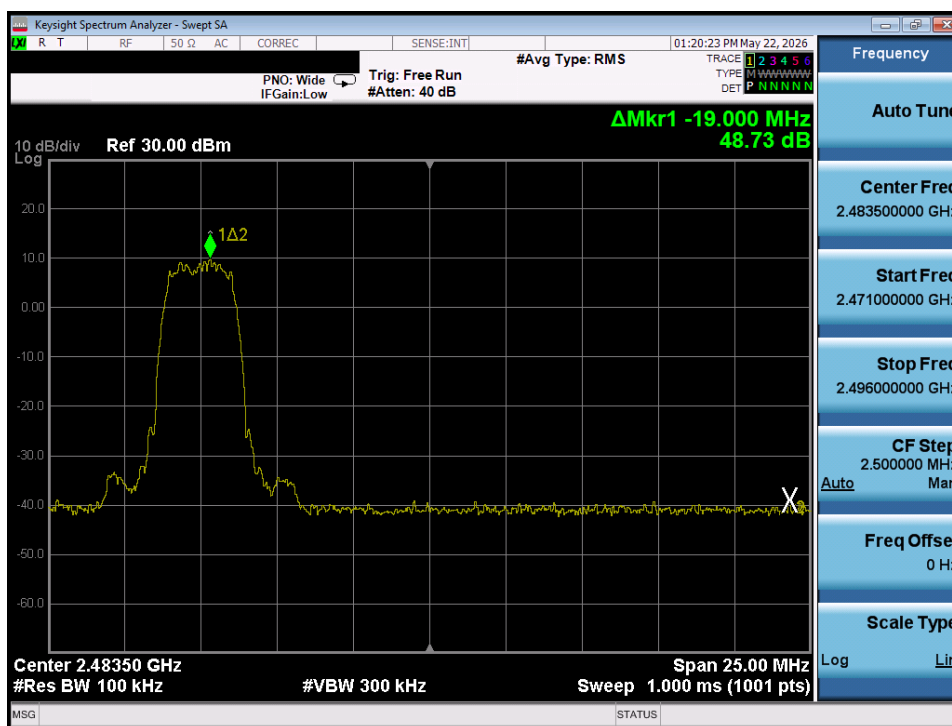
FCC ID: BCGA3596 IC: 579C-A3596	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 4/23/2026 - 7/16/2026	EUT Type: Tablet Device	Approved by: Technical Manager
Test Report S/N: 1C2604030026-11-R4.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 100 of 137

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Plot 7-127. Band Edge Plot Antenna 1A (Bluetooth (HDT2), 2Mbps, ePA – Ch. 0)



Plot 7-128. Band Edge Plot Antenna 1A (Bluetooth (HDT2), 2Mbps, ePA – Ch. 35)

FCC ID: BCGA3596 IC: 579C-A3596	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 4/23/2026 - 7/16/2026	EUT Type: Tablet Device	Approved by: Technical Manager
Test Report S/N: 1C2604030026-11-R4.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 102 of 137

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7.7 Conducted Spurious Emissions

Test Overview and Limit

For the following out of band conducted spurious emissions plots, the EUT was set to transmit at maximum power with the largest packet size available. The worst case spurious emissions were found in this configuration.

The limit for out-of-band spurious emissions at the band edge is 20 dB below the fundamental emission level, as determined from the in-band power measurement of the DTS channel performed in a 100 kHz bandwidth per the procedure in Section 8.5 of KDB 558074 D01 v05r02 and Section 11.11 of ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024.

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 8.5
ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024 – Subclause 14.5.3
KDB 662911 D01 v02r01 – Section E)3)b)

Test Settings

1. Start frequency was set to 30 MHz and stop frequency was set to 25 GHz
2. RBW = 100 kHz
3. VBW $\geq 3 \times$ RBW
4. Detector = Peak
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.



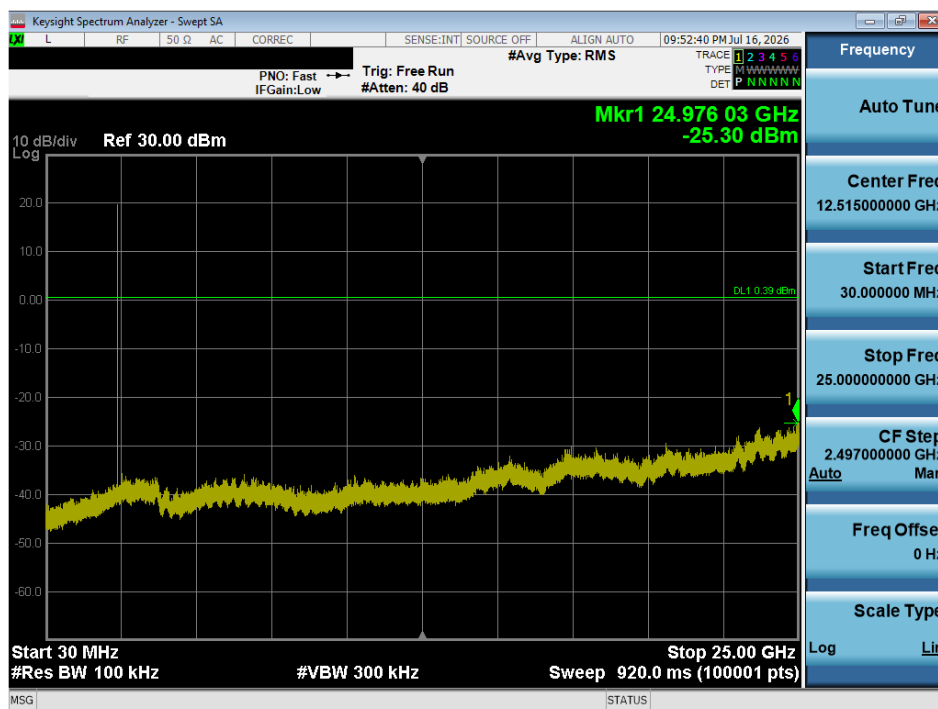
Figure 7-6. Test Instrument & Measurement Setup

Test Notes

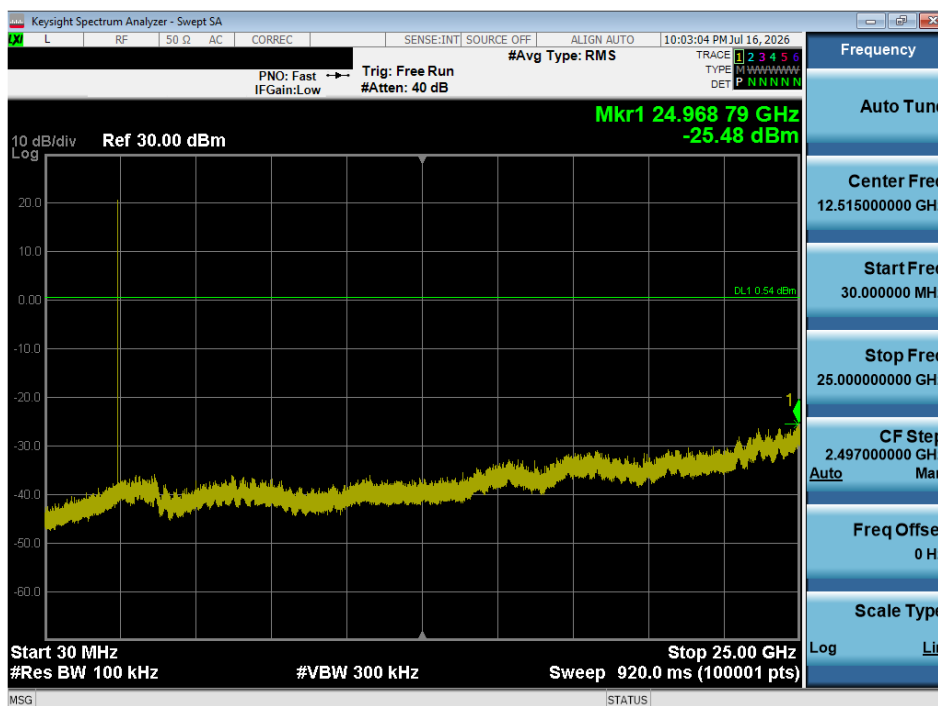
1. All supported modulation, antenna (including TxBF mode) and power schemes have been tested on the unit and only worst case configuration is reported.

FCC ID: BCGA3596 IC: 579C-A3596	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 4/23/2026 - 7/16/2026	EUT Type: Tablet Device	Approved by: Technical Manager
Test Report S/N: 1C2604030026-11-R4.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 103 of 137

7.7.1 Antenna 3A

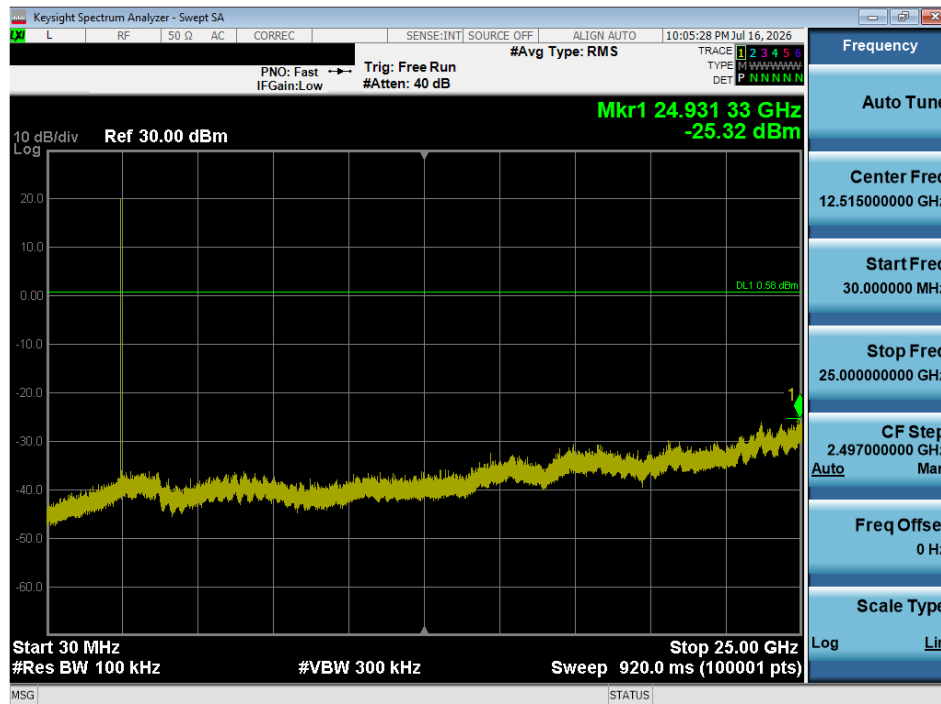


Plot 7-129. Conducted Spurious Plot Antenna 3A (Bluetooth (LE), 1Mbps, ePA – Ch. 37)



Plot 7-130. Conducted Spurious Plot Antenna 3A (Bluetooth (LE), 1Mbps, ePA – Ch. 17)

FCC ID: BCGA3596 IC: 579C-A3596	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 4/23/2026 - 7/16/2026	EUT Type: Tablet Device	Approved by: Technical Manager
Test Report S/N: 1C2604030026-11-R4.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 104 of 137

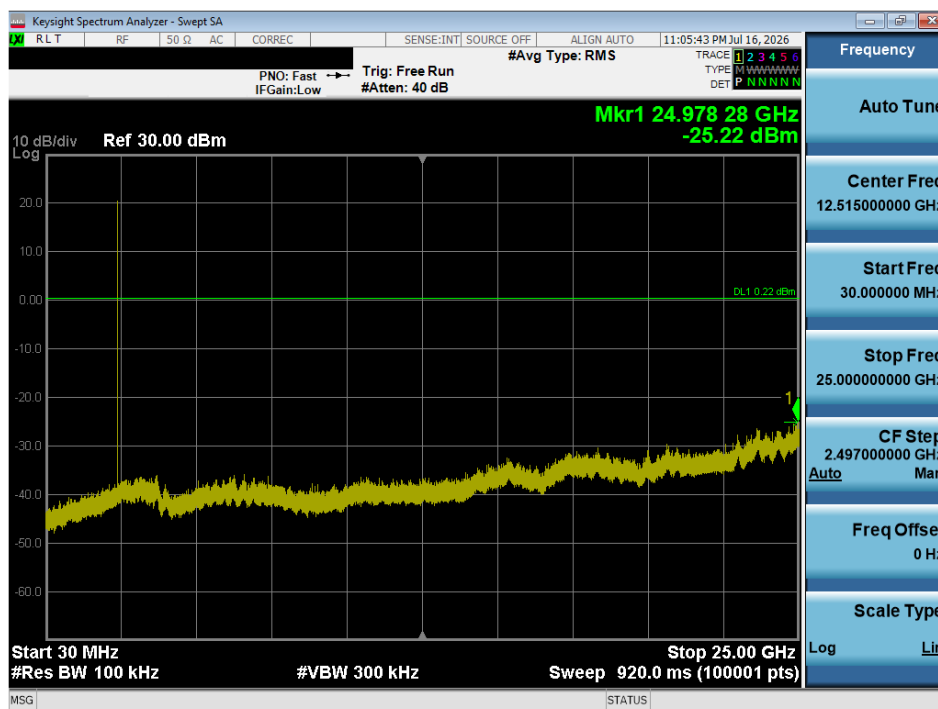


Plot 7-131. Conducted Spurious Plot Antenna 3A (Bluetooth (LE), 1Mbps, ePA – Ch. 39)

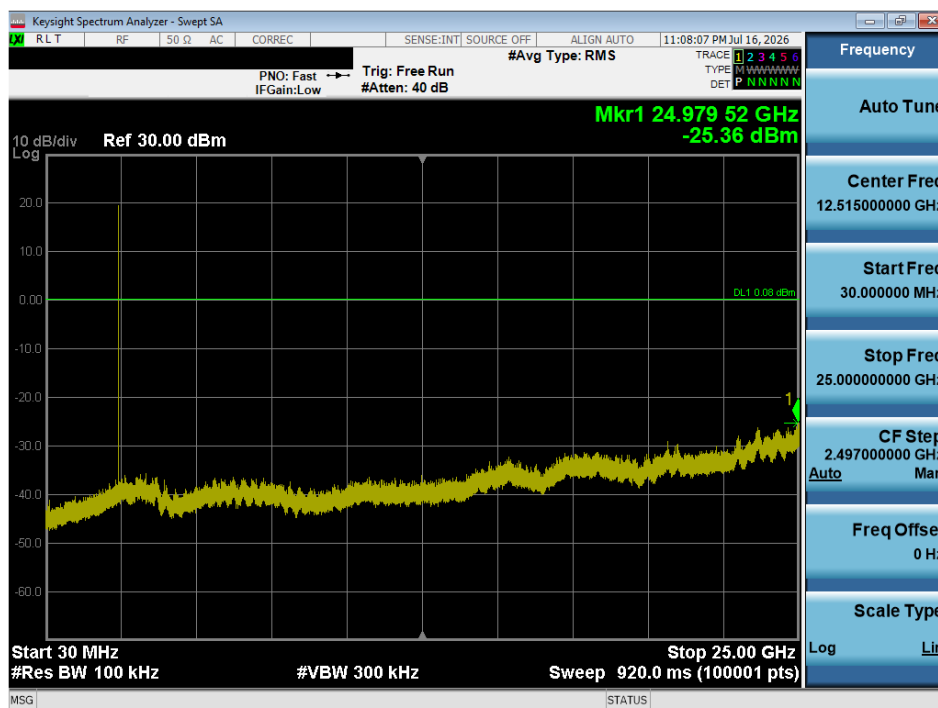
FCC ID: BCGA3596 IC: 579C-A3596	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 4/23/2026 - 7/16/2026	EUT Type: Tablet Device	Approved by: Technical Manager
Test Report S/N: 1C2604030026-11-R4.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 105 of 137

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7.7.2 Antenna 1A

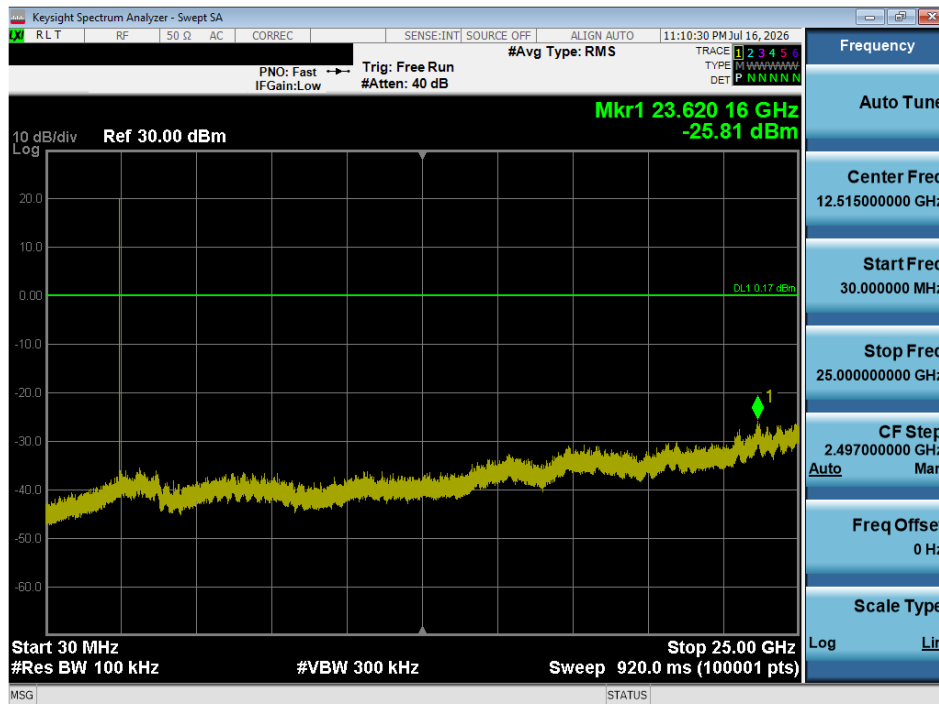


Plot 7-132. Conducted Spurious Plot Antenna 1A (Bluetooth (LE), 1Mbps, ePA – Ch. 37)



Plot 7-133. Conducted Spurious Plot Antenna 1A (Bluetooth (LE), 1Mbps, ePA – Ch. 17)

FCC ID: BCGA3596 IC: 579C-A3596	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 4/23/2026 - 7/16/2026	EUT Type: Tablet Device	Approved by: Technical Manager
Test Report S/N: 1C2604030026-11-R4.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 106 of 137



Plot 7-134. Conducted Spurious Plot Antenna 1A (Bluetooth (LE), 1Mbps, ePA – Ch. 39)

FCC ID: BCGA3596 IC: 579C-A3596	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 4/23/2026 - 7/16/2026	EUT Type: Tablet Device	Approved by: Technical Manager
Test Report S/N: 1C2604030026-11-R4.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 107 of 137

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7.8 Radiated Spurious Emissions – Above 1 GHz

Test Overview and Limit

All out of band radiated spurious emissions are measured with a spectrum analyzer connected to a receive antenna while the EUT is operating at maximum power and at the appropriate frequencies. Only the radiated emissions of the configuration that produced the worst case emissions are reported in this section.

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR and Table 7 of RSS-Gen (7.5) must not exceed the limits shown in Table 7-15 per Section 15.209 and RSS-Gen (7.4.3).

Frequency	Field Strength [$\mu\text{V/m}$]	Measured Distance [Meters]
Above 960.0 MHz	500	3

Table 7-15. Radiated Limits

Test Procedures Used

ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024 – Subclause 6.6.4.3
KDB 558074 D01 v05r02 – Sections 8.6, 8.7

Test Settings

Average Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1 MHz
3. VBW = 3 MHz
4. Detector = power average (RMS)
5. Number of measurement points = 1001 (Number of points must be $\geq 2 \times \text{span/RBW}$)
6. Sweep time = auto
7. Trace (RMS) averaging was performed over at least 100 traces

Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1 MHz
3. VBW = 3 MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

FCC ID: BCGA3596 IC: 579C-A3596	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 4/23/2026 - 7/16/2026	EUT Type: Tablet Device	Approved by: Technical Manager
Test Report S/N: 1C2604030026-11-R4.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 108 of 137

Test Setup

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

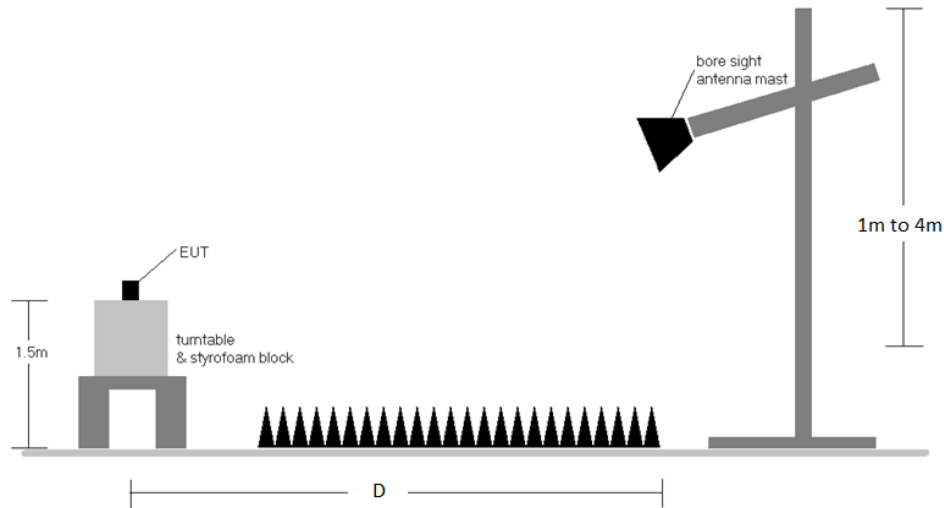


Figure 7-7. Radiated Test Setup >1 GHz

Test Notes

1. The optional test procedures for antenna port conducted measurements of unwanted emissions per the guidance of KDB 558074 D01 v05r02 were not used to evaluate this device for compliance to radiated limits. All radiated spurious emissions levels were measured in a radiated test setup.
2. All emissions lying in restricted bands specified in §15.205 and Section 7.5 of RSS-Gen are below the limit shown in Table 7-15.
3. The antenna is manipulated through typical positions, polarity and length during the tests. The EUT is manipulated through three orthogonal planes.
4. This unit was tested with its standard battery.
5. The spectrum is measured from 9 kHz to the 10th harmonic of the fundamental frequency of the transmitter using CISPR quasi peak detector below 1 GHz. Above 1 GHz, average and peak measurements were taken using linearly polarized horn antennas.
6. D is the measurement test distance and emissions 1-18 GHz were measured at a 3 meters test distance while emissions above 18 GHz were measured at a 1 meter test distance with the application of a distance correction factor.
7. The "-" shown in the following RSE tables are used to denote a noise floor measurement.
8. 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: BCGA3596 IC: 579C-A3596	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 4/23/2026 - 7/16/2026	EUT Type: Tablet Device	Approved by: Technical Manager
Test Report S/N: 1C2604030026-11-R4.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 109 of 137

Sample Calculations

Determining Spurious Emissions Levels

- Field Strength Level $_{\text{[dB}\mu\text{V/m]}} = \text{Analyzer Level}_{\text{[dBm]}} + 107 + \text{AFCL}_{\text{[dB/m]}}$
- $\text{AFCL}_{\text{[dB/m]}} = \text{Antenna Factor}_{\text{[dB/m]}} + \text{Cable Loss}_{\text{[dB]}} - \text{Preamplifier Gain}_{\text{[dB]}}$
- $\text{Margin}_{\text{[dB]}} = \text{Field Strength Level}_{\text{[dB}\mu\text{V/m]}} - \text{Limit}_{\text{[dB}\mu\text{V/m]}}$

Radiated Band Edge Measurement Offset

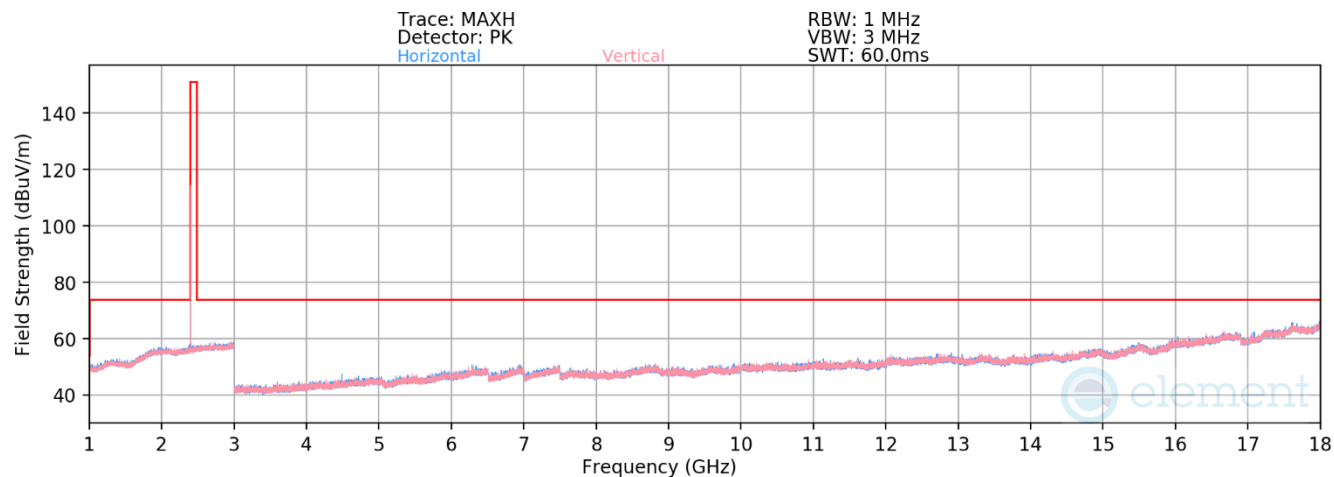
- The amplitude offset shown in the radiated restricted band edge plots in Sections 7.8.2 to 7.8.4 were calculated using the formula:

$$\text{Offset (dB)} = (\text{Antenna Factor} + \text{Cable Loss} + \text{Attenuator}) - \text{Preamplifier Gain}$$

FCC ID: BCGA3596 IC: 579C-A3596	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 4/23/2026 - 7/16/2026	EUT Type: Tablet Device	Approved by: Technical Manager
Test Report S/N: 1C2604030026-11-R4.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 110 of 137

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7.8.1 TxBF Radiated Spurious Emission Measurements



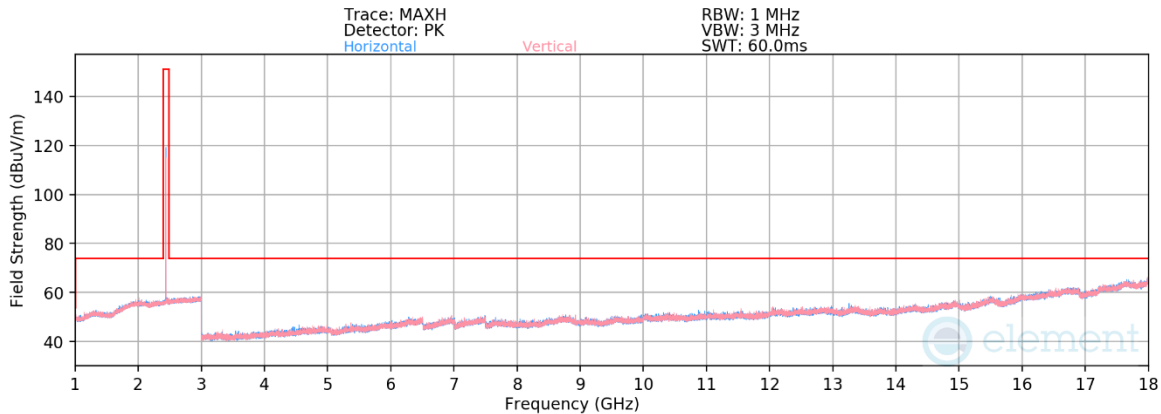
Plot 7-135. Radiated Spurious Emissions 1-18 GHz TxBF (1Mbps, ePA – Ch. 37)

Bluetooth Mode:	LE
Data Rate:	1Mbps
Power Scheme	ePA
Distance of Measurements:	3 Meters
Operating Frequency:	2402 MHz
Channel:	37

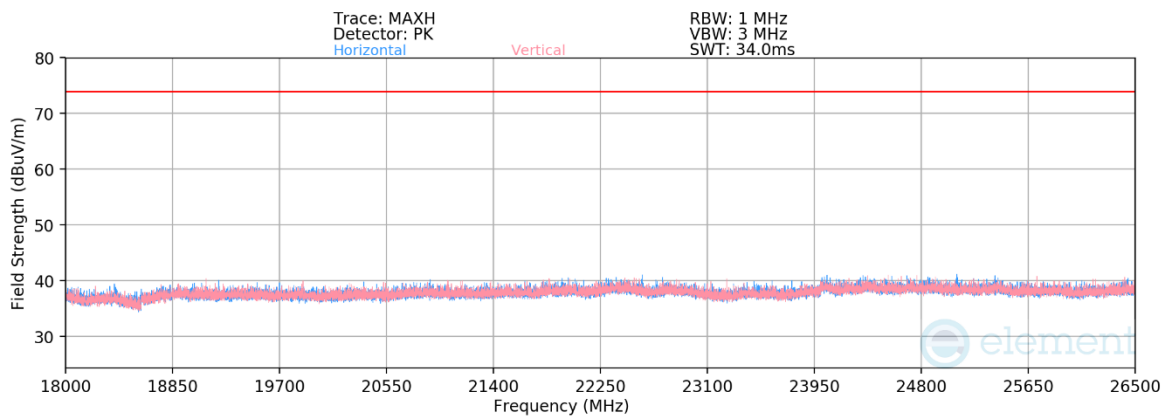
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
4804.00	Average	V	-	-	-86.30	6.78	27.48	73.98	-46.50
4804.00	Peak	V	-	-	-74.21	6.71	39.49	73.98	-34.49
12010.00	Average	H	-	-	-98.15	16.51	25.36	73.98	-48.62
12010.00	Peak	H	-	-	-86.81	16.33	36.52	73.98	-37.46

Table 7-16. Radiated Measurements TxBF

FCC ID: BCGA3596 IC: 579C-A3596	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 4/23/2026 - 7/16/2026	EUT Type: Tablet Device	Approved by: Technical Manager
Test Report S/N: 1C2604030026-11-R4.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 111 of 137



Plot 7-136. Radiated Spurious Emissions 1-18 GHz TxBF (1Mbps, ePA – Ch. 17)



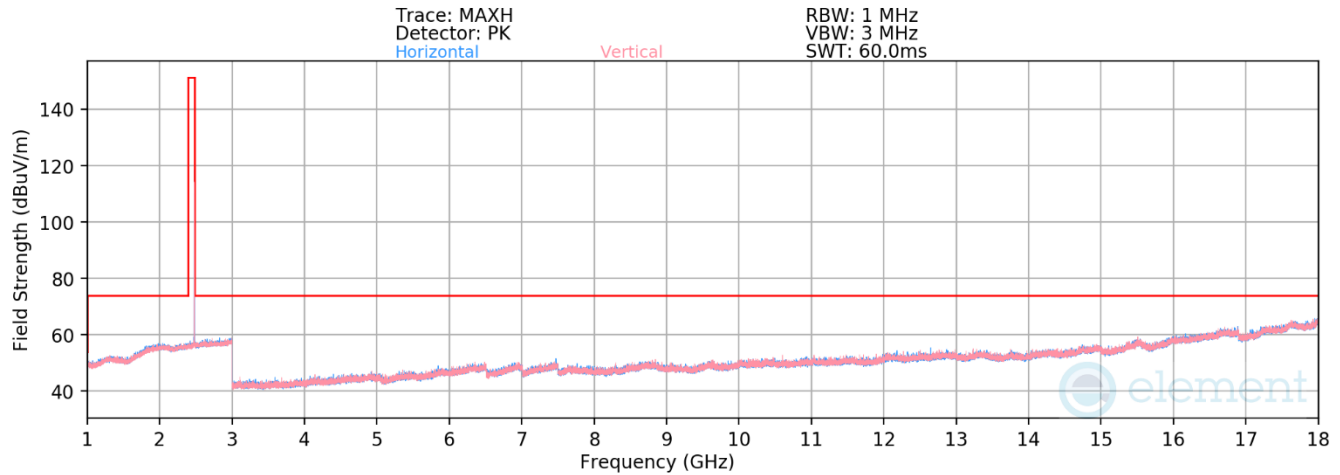
Plot 7-137. Radiated Spurious Emissions Above 18 GHz TxBF (1Mbps ePA – Ch. 17)

Bluetooth Mode:	LE
Data Rate:	1Mbps
Power Scheme	ePA
Distance of Measurements:	3 Meters
Operating Frequency:	2440 MHz
Channel:	17

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Dist. Corr. Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
4880.00	Average	V	-	-	-86.82	7.25	0.00	27.43	53.98	-26.55
4880.00	Peak	V	-	-	-74.43	7.10	0.00	39.68	73.98	-34.30
7320.00	Average	H	-	-	-90.47	10.85	0.00	27.39	53.98	-26.59
7320.00	Peak	H	-	-	-80.62	11.67	0.00	38.04	73.98	-35.94
12200.00	Average	V	-	-	-99.46	17.34	0.00	24.88	53.98	-29.10
12200.00	Peak	V	-	-	-88.61	17.34	0.00	35.74	73.98	-38.24
19520.00	Average	V	-	-	-63.21	-6.04	-9.54	28.21	53.98	-25.77
19520.00	Peak	V	-	-	-51.89	-6.04	-9.54	39.53	73.98	-34.45

Table 7-17. Radiated Measurements TxBF

FCC ID: BCGA3596 IC: 579C-A3596	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 4/23/2026 - 7/16/2026	EUT Type: Tablet Device	Approved by: Technical Manager
Test Report S/N: 1C2604030026-11-R4.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 112 of 137



Plot 7-138. Radiated Spurious Emissions 1-18 GHz TxBF (1Mbps ePA – Ch. 39)

Bluetooth Mode: LE
Data Rate: 1Mbps
Power Scheme: ePA
Distance of Measurements: 3 Meters
Operating Frequency: 2480 MHz
Channel: 39

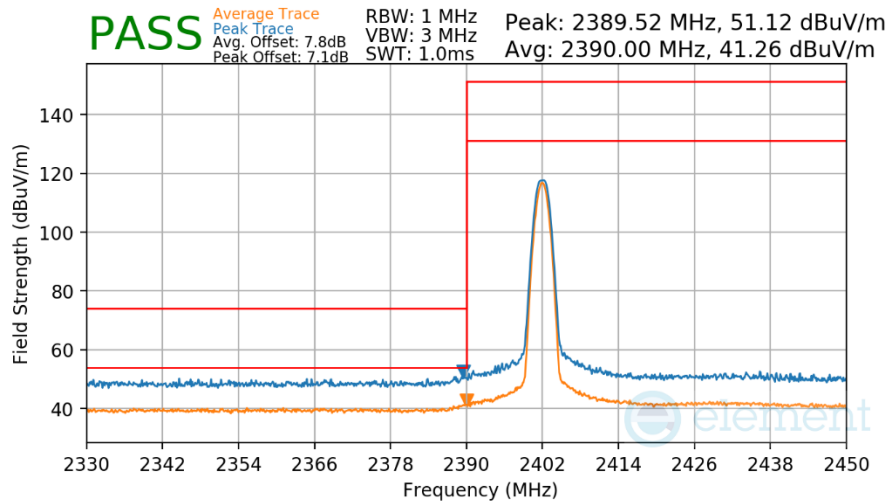
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
4960.00	Average	H	-	-	-75.15	7.47	39.32	53.98	-14.66
4960.00	Peak	H	-	-	-86.75	7.21	27.46	73.98	-46.52
7440.00	Average	V	-	-	-78.64	10.79	39.15	53.98	-14.83
7440.00	Peak	V	-	-	-90.90	11.07	27.17	73.98	-46.81
12400.00	Average	V	-	-	-86.96	16.95	36.99	53.98	-16.99
12400.00	Peak	V	-	-	-98.12	16.95	25.83	73.98	-48.15

Table 7-18. Radiated Measurements TxBF

FCC ID: BCGA3596 IC: 579C-A3596	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 4/23/2026 - 7/16/2026	EUT Type: Tablet Device	Approved by: Technical Manager
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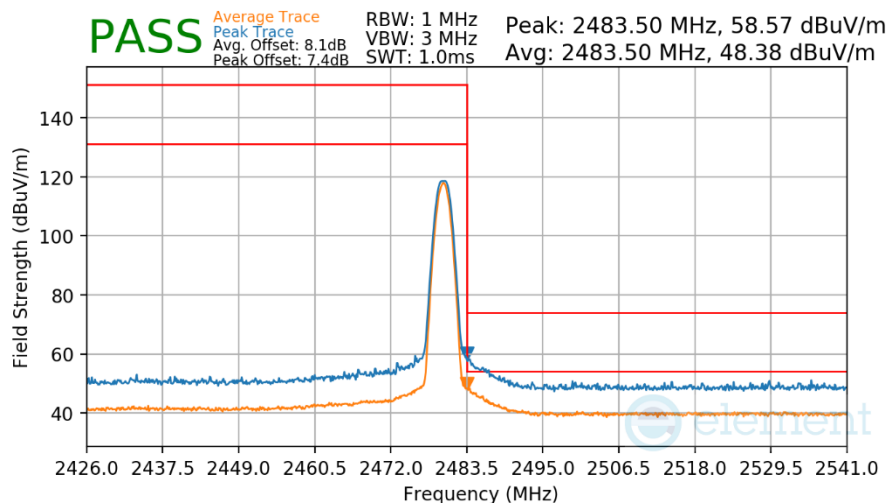
7.8.2 Antenna 3A Radiated Restricted Band Edge Measurements

Bluetooth Mode:	LE
Data Rate:	1Mbps
Power Scheme:	ePA
Measurement Distance:	3 Meters
Operating Frequency:	2402 MHz
Channel:	37



Plot 7-139. Radiated Restricted Lower Band Edge Measurement Antenna 3A (Average & Peak)

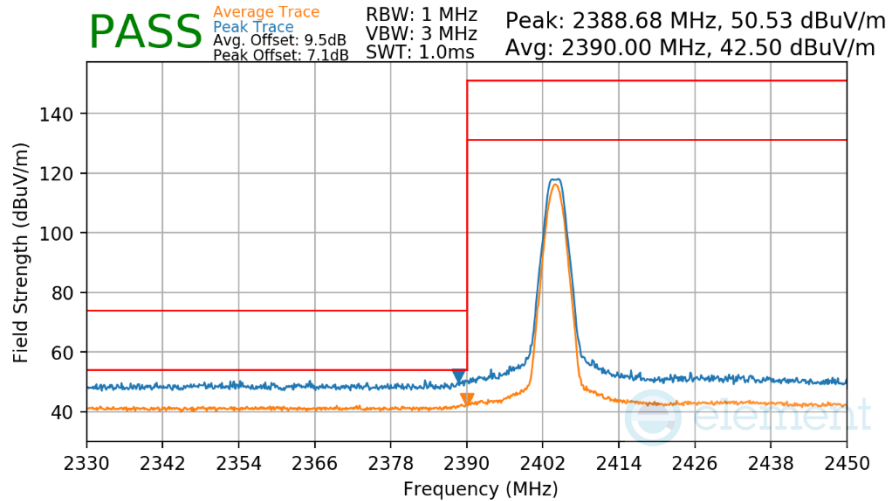
Bluetooth Mode:	LE
Data Rate:	1Mbps
Power Scheme:	ePA
Measurement Distance:	3 Meters
Operating Frequency:	2480 MHz
Channel:	39



Plot 7-140. Radiated Restricted Upper Band Edge Measurement Antenna 3A (Average & Peak)

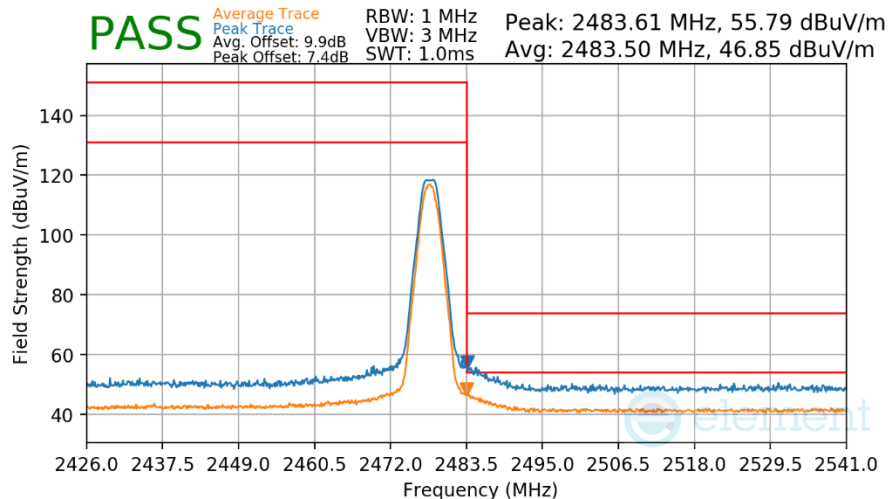
FCC ID: BCGA3596 IC: 579C-A3596	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 4/23/2026 - 7/16/2026	EUT Type: Tablet Device	Approved by: Technical Manager
Test Report S/N: 1C2604030026-11-R4.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 114 of 137

Bluetooth Mode:	LE
Data Rate:	2Mbps
Power Scheme:	ePA
Measurement Distance:	3 Meters
Operating Frequency:	2404 MHz
Channel:	0



Plot 7-141. Radiated Restricted Lower Band Edge Measurement Antenna 3A (Average & Peak)

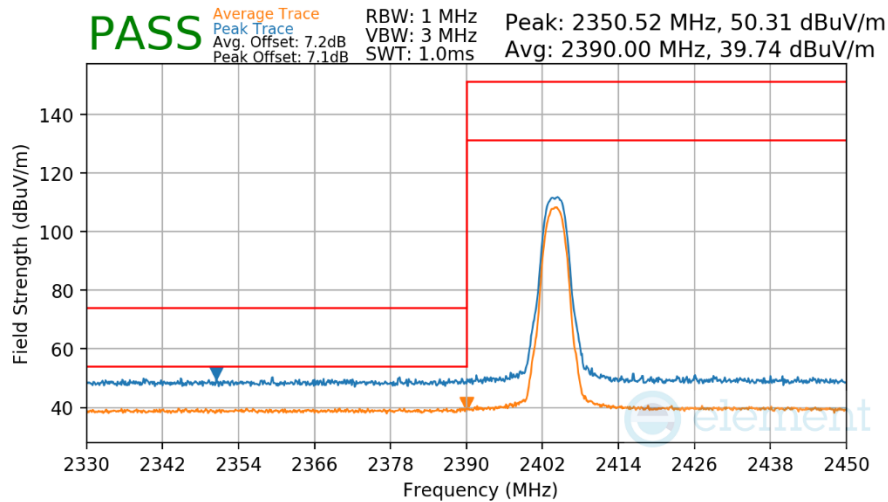
Bluetooth Mode:	LE
Data Rate:	2Mbps
Power Scheme:	ePA
Measurement Distance:	3 Meters
Operating Frequency:	2478 MHz
Channel:	36



Plot 7-142. Radiated Restricted Upper Band Edge Measurement Antenna 3A (Average & Peak)

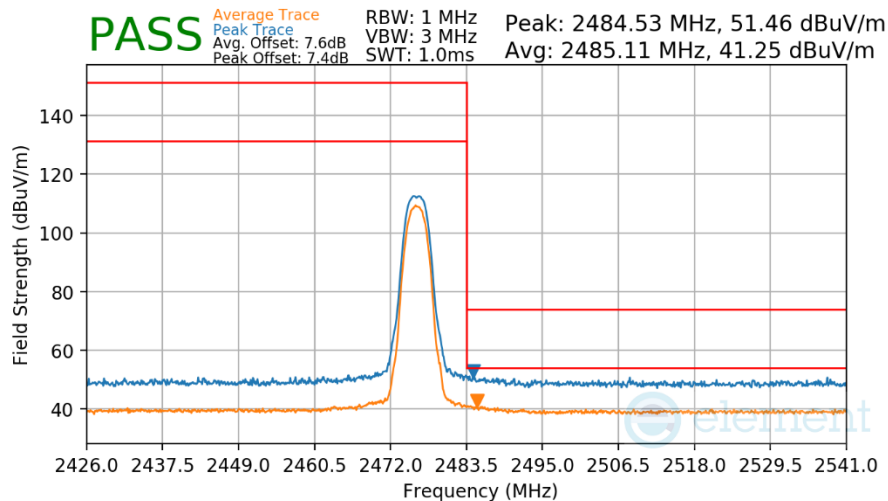
FCC ID: BCGA3596 IC: 579C-A3596	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 4/23/2026 - 7/16/2026	EUT Type: Tablet Device	Approved by: Technical Manager
Test Report S/N: 1C2604030026-11-R4.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 115 of 137

Bluetooth Mode:	HDT2
Data Rate:	2Mbps
Power Scheme:	ePA
Measurement Distance:	3 Meters
Operating Frequency:	2404 MHz
Channel:	0



Plot 7-143. Radiated Restricted Lower Band Edge Measurement Antenna 3A (Average & Peak)

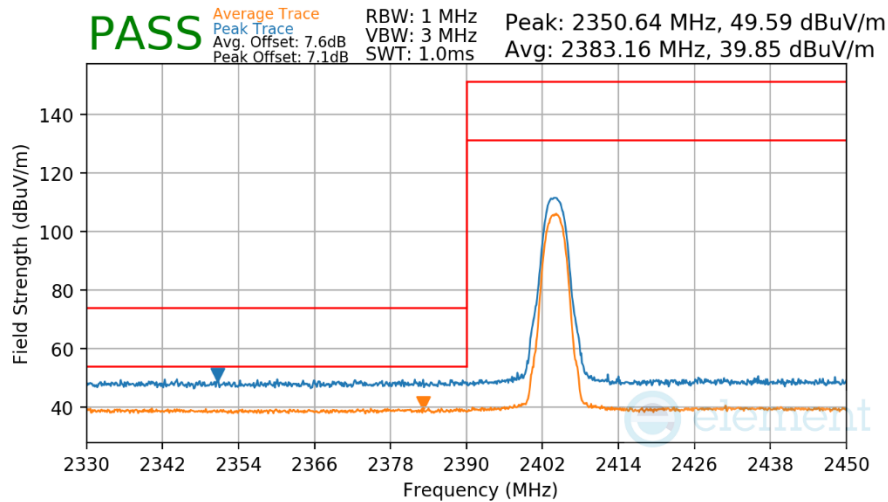
Bluetooth Mode:	HDT2
Data Rate:	2Mbps
Power Scheme:	ePA
Measurement Distance:	3 Meters
Operating Frequency:	2476 MHz
Channel:	35



Plot 7-144. Radiated Restricted Upper Band Edge Measurement Antenna 3A (Average & Peak)

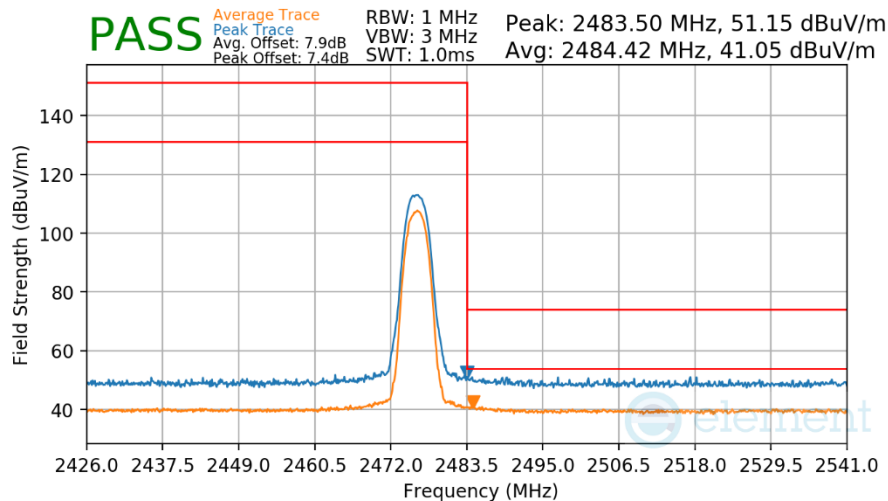
FCC ID: BCGA3596 IC: 579C-A3596	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 4/23/2026 - 7/16/2026	EUT Type: Tablet Device	Approved by: Technical Manager
Test Report S/N: 1C2604030026-11-R4.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 116 of 137

Bluetooth Mode:	HDT8
Data Rate:	2Mbps
Power Scheme:	ePA
Measurement Distance:	3 Meters
Operating Frequency:	2404 MHz
Channel:	0



Plot 7-145. Radiated Restricted Lower Band Edge Measurement Antenna 3A (Average & Peak)

Bluetooth Mode:	HDT8
Data Rate:	2Mbps
Power Scheme:	ePA
Measurement Distance:	3 Meters
Operating Frequency:	2476 MHz
Channel:	35



Plot 7-146. Radiated Restricted Upper Band Edge Measurement Antenna 3A (Average & Peak)

FCC ID: BCGA3596 IC: 579C-A3596	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 4/23/2026 - 7/16/2026	EUT Type: Tablet Device	Approved by: Technical Manager
Test Report S/N: 1C2604030026-11-R4.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 117 of 137