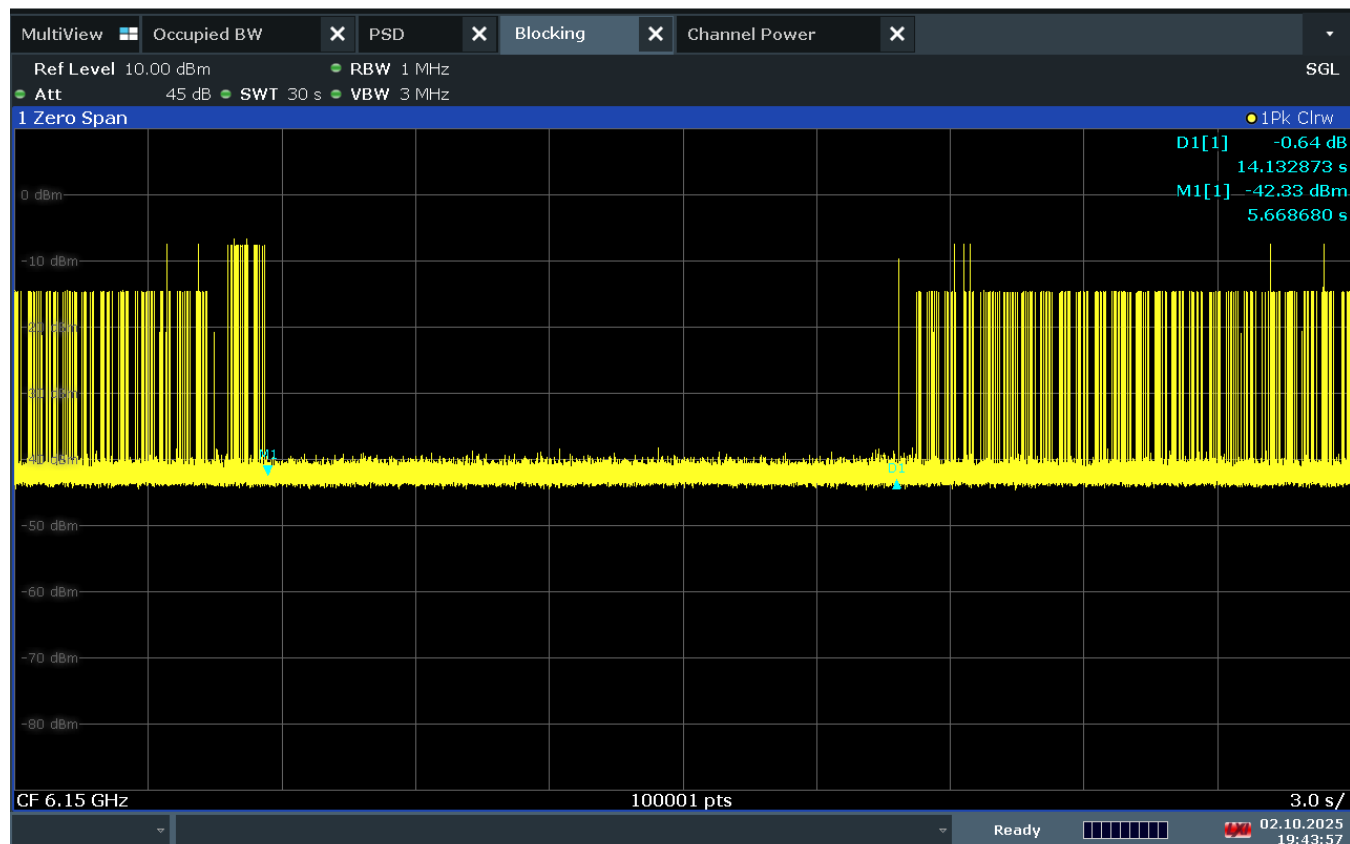


Contention-Based Protocol Timing Plots

Peak



19:43:58 02.10.2025

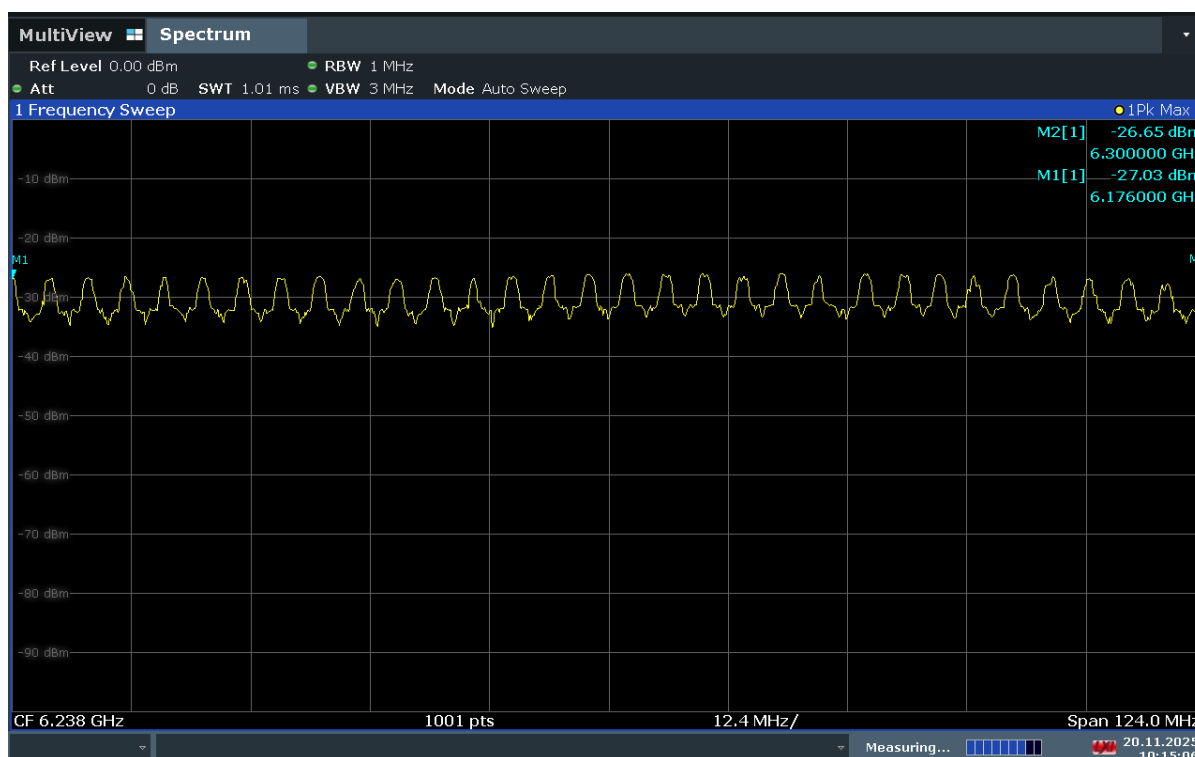
Plot 7-236. Contention Based Protocol Timing Plot

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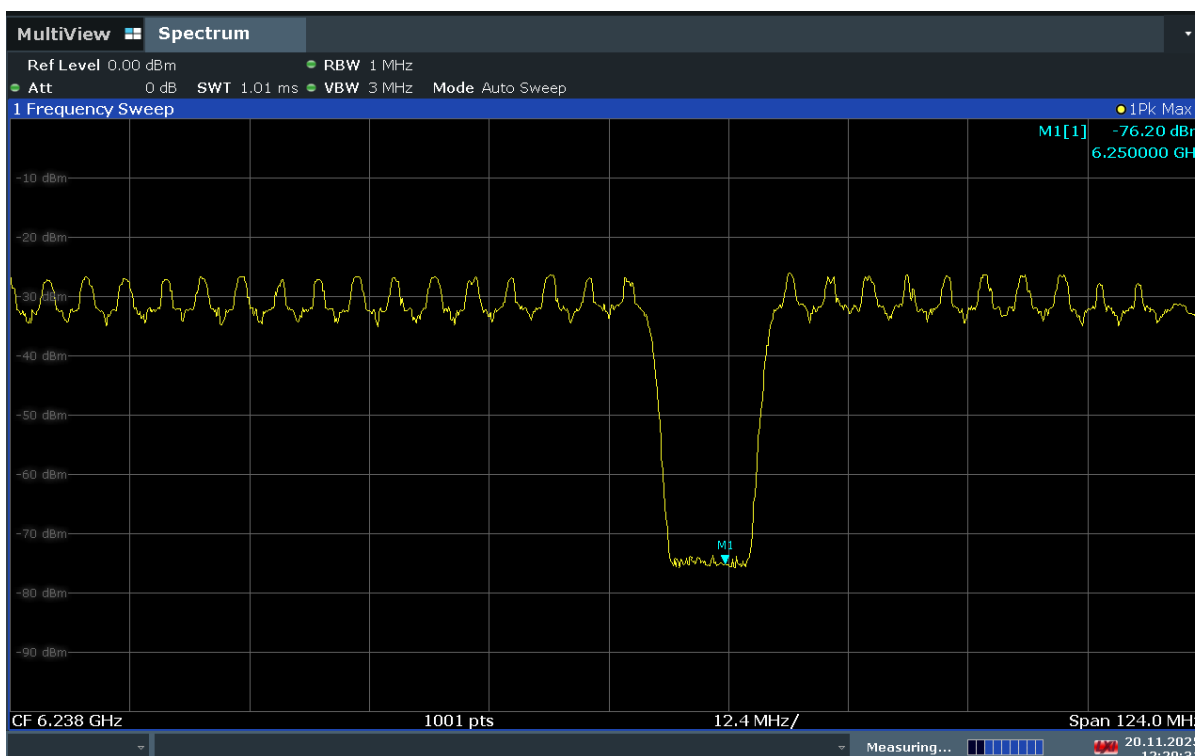
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Bandwidth Reduction Plots



Plot 7-237. Before AWGN Signal Injected



Plot 7-238. After AWGN Signal Injected

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7.7 Transmit Power Control (TPC)

§15.407(d)(10); RSS-248[4.6]

Test Overview and Limit

Very low power devices operating in the 5.925-6.425 and 6.525-6.875 GHz bands shall employ a transmit power control (TPC) mechanism. A very low power device is required to have the capability to operate at least 6 dB below the maximum EIRP power spectral density (PSD) value of -5 dBm/MHz.

Test Procedure Used

ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024 – Section 12.4.2.6
KDB 789033 D02 v02r01 – Section F

Test Settings

1. Analyzer was set to the center frequency of the UNII channel under investigation
2. Set span to encompass the entire 99% OBW of the signal.
3. Set sweep trigger to “free run.”
4. Set RBW = 1 MHz
5. Set VBW $\geq$ 3 MHz
6. Number of points in sweep $\geq 2 \times \text{span} / \text{RBW}$.
7. Sweep time $\leq (\text{number of points in sweep}) \times T$, where T is defined
8. Detector = power averaging (rms).
9. Trace mode = max hold.
10. Allow max hold to run for at least 60 seconds, or longer as needed to allow the trace to stabilize.

Test Setup

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

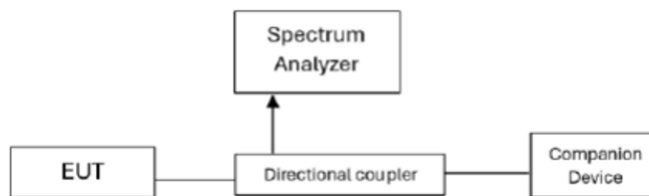


Figure 7-6. Test Instrument & Measurement Setup (No Attenuation)

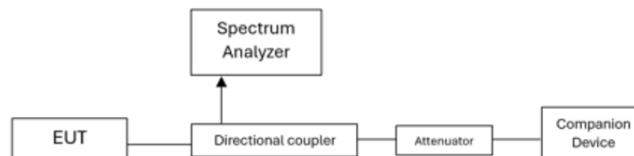


Figure 7-7. Test Instrument & Measurement Setup (With Attenuation)

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This test demonstrates the ability of the device to increase and decrease power by the required 6dB as the RSSI is decreased and increased.

1. Configure EUT and companion device for peer-to-peer communication as shown in Figure 7-6.
2. Set variable attenuator to 0dB (noise free spectral environment, high RSSI simulation)
3. Establish a link and start communication between EUT and companion device
4. Capture PSD on spectrum analyzer
5. Set attenuator to 20dB (noisy spectral environment, low RSSI simulation) as shown in Figure 7-7.
6. Capture PSD on spectrum analyzer
7. Compare the highest PSD captured in step 4 to the highest PSD on step 6 and determine the delta.

Test Notes

1. The companion device used was the developmentary board (refer to **Table 2-6**)
2. Per manufacturer's declaration, after establishing communication between the EUT and the companion device, 6GHz UNII signal was used to maintain communication and traffic.
3. TPC is triggered when a high RSSI is detected. As RSSI detected signal decreases, the transmitters output power will increase back to maximum allowed power.
4. TxBF is engaged only under low RSSI conditions to restore the signal-to-noise ratio through array gain. In this case, TxBF was not enabled as the RSSI was not sufficiently low.

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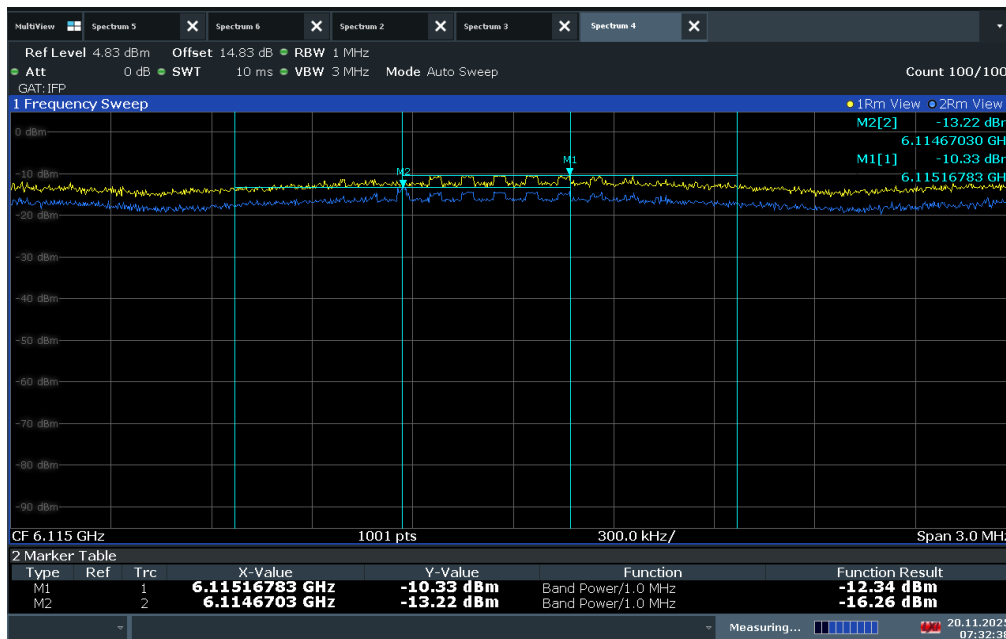
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Frequency [MHz]	TxBF	Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	e.i.r.p. Power Density Limit [dBm/MHz]
	Measured Power Density [dBm/MHz]			
	Antenna WF8			
6115	-12.34	3.80	-8.54	-5.00
6252	-12.59	3.40	-9.19	-5.00
6377	-12.71	1.00	-11.71	-5.00

Table 7-16. PSD Measurements (No TPC)

Frequency [MHz]	TxBF	Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	e.i.r.p. Power Density Limit [dBm/MHz]
	Measured Power Density [dBm/MHz]			
	Antenna WF8			
6115	-16.26	3.80	-12.46	-11.00
6252	-16.51	3.40	-13.11	-11.00
6377	-16.85	1.00	-15.85	-11.00

Table 7-17. PSD Measurements (with TPC)



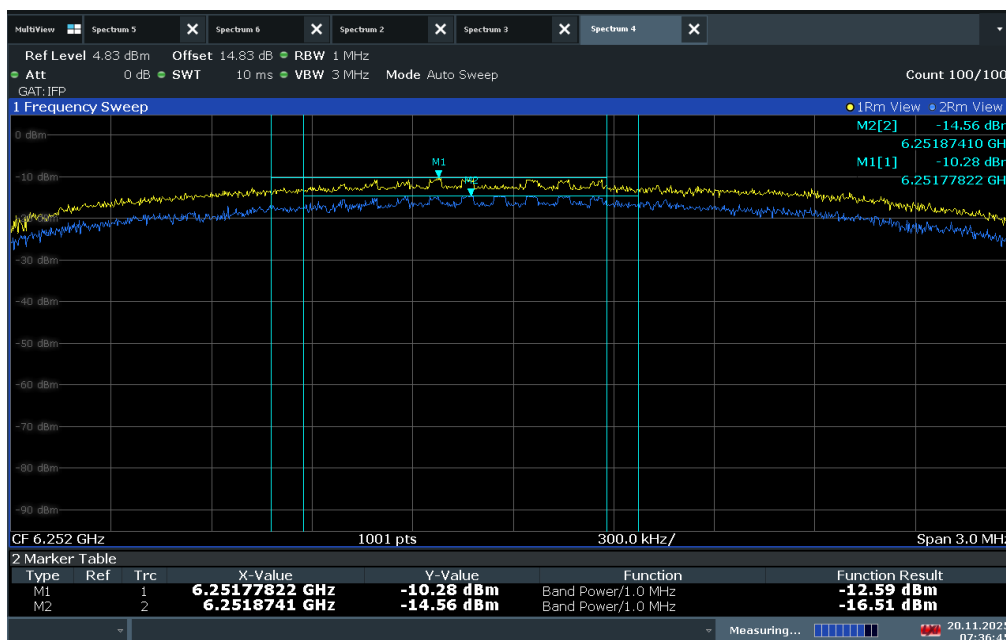
07:32:39 20.11.2025

Plot 7-239. Power Density Plot 6115MHz Antenna WF8

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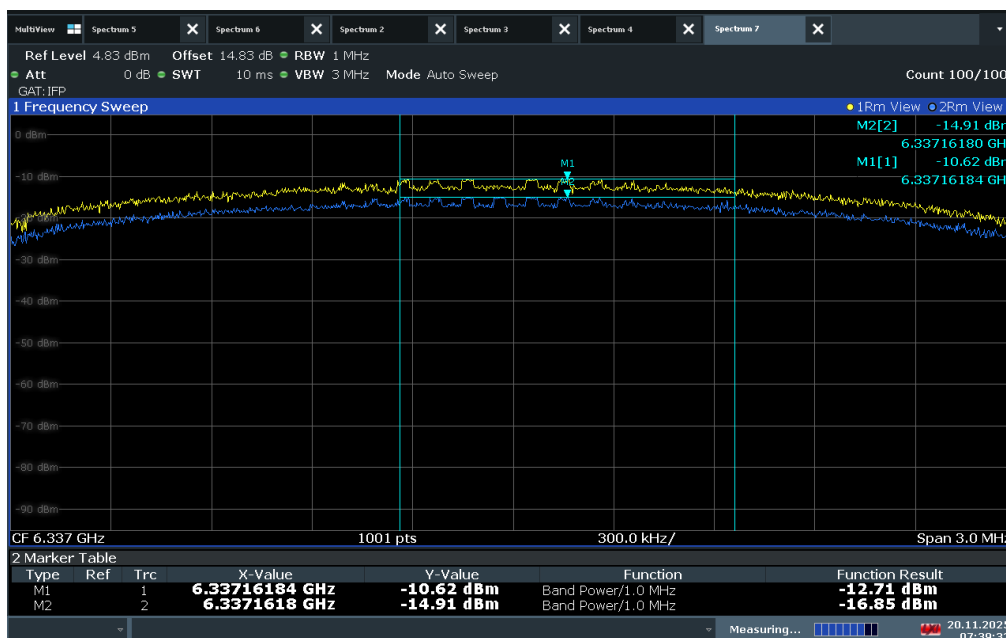
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07:36:46 20.11.2025

Plot 7-240. Power Density Plot – 6252MHz Antenna WF8



07:39:33 20.11.2025

Plot 7-241. Power Density Plot – 6377MHz Antenna WF8

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7.8 Radiated Spurious Emission – Above 1GHz

§15.407(b) §15.205 §15.209; RSS-Gen [8.9]

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 its maximum duty cycle, at its maximum power control level, as defined in ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024 and KDB 789033 D02 v02r01, and at the appropriate frequencies. Only the radiated emissions of the configuration that produced the worst case emissions are reported in this section.

For transmitters operating in the 5.925-7.125 GHz band: All emissions outside of the 5.925-7.125 GHz band shall not exceed an EIRP of -27 dBm/MHz. Emissions found in a restricted band are subject to the limits of 15.209 and RSS-Gen (8.9) as shown in the table below.

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

Table 7-18. Radiated Limits

Test Procedures Used

ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024 – Subclauses 12.7.7, 12.7.6
KDB 789033 D02 v02r01 – Section G

Test Settings

Average Field Strength Measurements

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

Peak Field Strength Measurements

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

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Test Setup

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

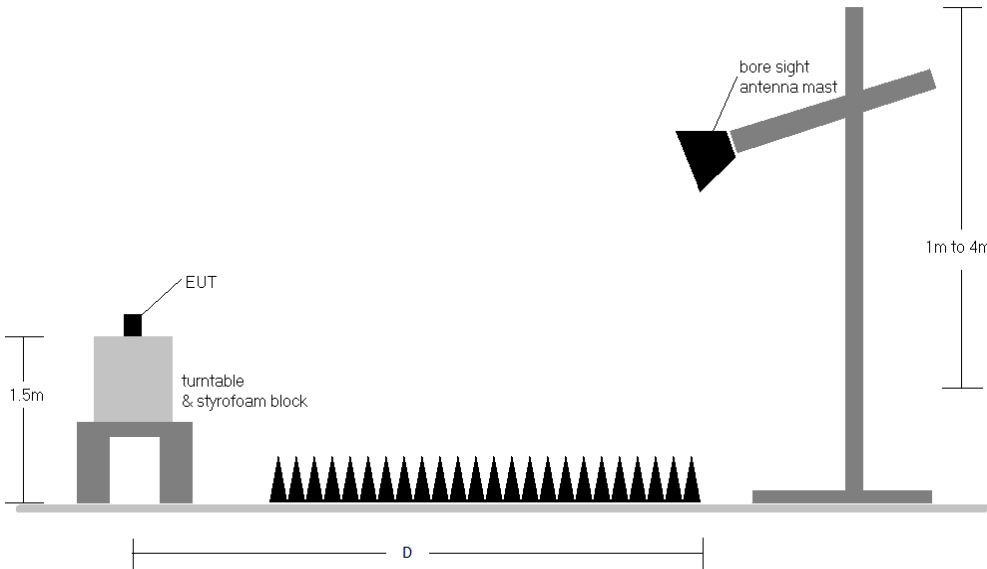


Figure 7-8. Test Instrument & Measurement Setup

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Test Notes

1. All emissions that lie in the restricted bands (denoted by a * next to the frequency) specified in §15.205 and section 8.10 of RSS-Gen are below the limit shown in Table 7-18.
2. All spurious emissions lying in restricted bands specified in §15.205 and section 8.10 of RSS-Gen are below the limit shown in Table 7-18. All spurious emissions that do not lie in a restricted band are subject to a limit of -27dBm/MHz. At a distance of 3 meters, the field strength limit in dB μ V/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dB μ V/m.
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 9kHz to the 10th harmonic of the fundamental frequency of the transmitter using CISPR quasi peak detector below 1GHz. Above 1 GHz, average and peak measurements were taken using linearly polarized horn antennas.
6. D is the measurement test distance and emissions 1-18GHz were measured at a 3 meters test distance while emissions above 18GHz were measured at a 1 meter test distance with the application of a distance correction factor.
7. The wide spectrum spurious emissions plots shown on the following pages are used only for the purpose of emission identification. Any emissions found to be within 20dB of the limit are fully investigated and the results are shown in this section.
8. All data rates were investigated and only the worse case were reported
9. The “-” shown in the following RSE tables are used to denote a noise floor measurement.
10. All supported modulation and power schemes have been tested on the unit and only worst case configuration is reported.

Sample Calculations

Determining Spurious Emissions Levels

- Field Strength Level [dB μ V/m] = Analyzer Level [dBm] + 107 + AFCL [dB/m]
- AFCL [dB/m] = Antenna Factor [dB/m] + Cable Loss [dB] – Preamplifier Gain [dB]
- Margin [dB] = Field Strength Level [dB μ V/m] – Limit [dB μ V/m]

Radiated Band Edge Measurement Offset

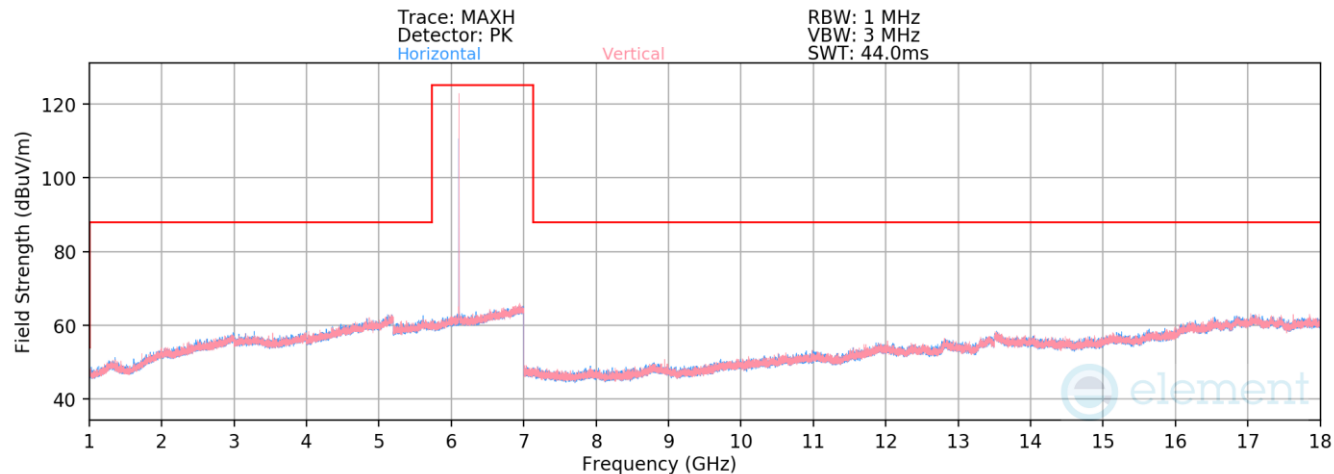
- The amplitude offset shown in the radiated restricted band edge plots in Section 7.8.2 to 7.8.4 was calculated using the formula:

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

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7.8.1 TxBF Radiated Spurious Emission (Above 1GHz)



Plot 7-242. Radiated Spurious Emissions 1-18GHz TxBF (BDR GFSK ePA - 6106MHz)

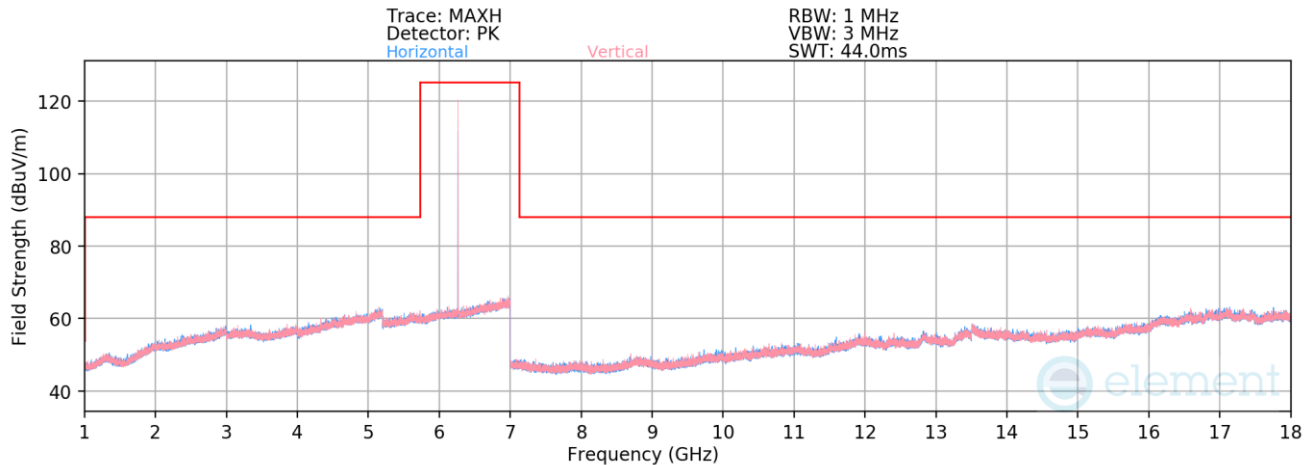
Mode:	BDR
Data Rate:	1Mbps
Power Scheme:	ePA
Distance of Measurements:	3 Meters
Operating Frequency:	6106MHz

	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
*	12212.00	Average	V	-	-	-84.12	21.01	43.89	53.98	-10.09
*	12212.00	Peak	V	-	-	-72.72	21.01	55.29	73.98	-18.69

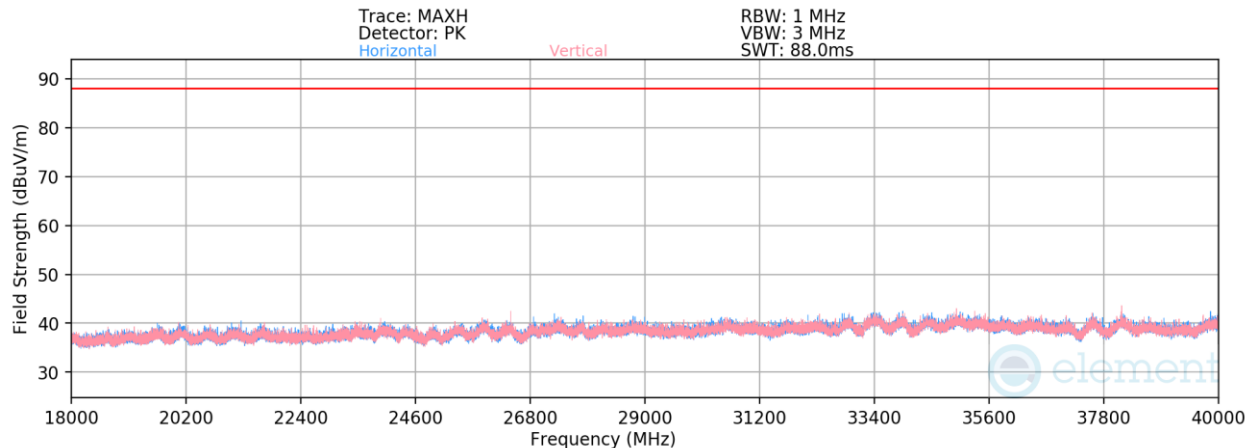
Table 7-19. Radiated Spurious Emissions Measurements TxBF

FCC ID: BCGA3459 IC: 579C-A3459		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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ot 7-243. Radiated Spurious Emissions 1-18GHz TxBF (BDR GFSK ePA – 6263MHz)



Plot 7-244. Radiated Spurious Emissions Above 18GHz (BDR GFSK ePA – 6263MHz)

Mode: BDR

Data Rate: 1Mbps

Power Scheme: ePA

Distance of Measurements: 3 Meters

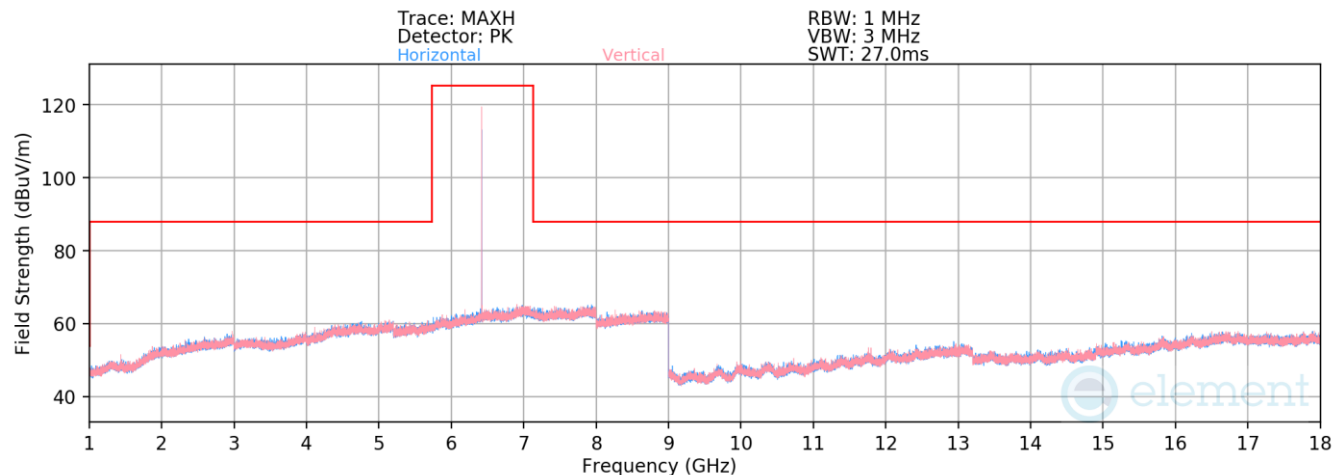
Operating Frequency: 6263MHz

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
* 12526.00	Average	H	-	-	-84.99	21.62	0.00	43.64	53.98	-10.34
* 12526.00	Peak	H	-	-	-72.88	21.62	0.00	55.74	73.98	-18.24
* 18789.00	Average	V	-	-	-62.39	-7.27	-9.54	27.80	53.98	-26.18
* 18789.00	Peak	V	-	-	-51.13	-7.27	-9.54	39.06	73.98	-34.92
25052.00	Average	V	-	-	-62.65	-6.54	-9.54	28.27	68.23	-39.96
25052.00	Peak	V	-	-	-50.80	-6.54	-9.54	40.12	88.23	-48.11
* 31315.00	Average	H	-	-	-64.67	-3.44	-9.54	29.35	53.98	-24.63
* 31315.00	Peak	H	-	-	-53.23	-3.44	-9.54	40.79	73.98	-33.19
37578.00	Average	H	-	-	-60.80	-6.68	-9.54	29.98	68.23	-38.25
37578.00	Peak	H	-	-	-49.66	-6.68	-9.54	41.12	88.23	-47.11

Table 7-20. Radiated Spurious Emissions Measurements TxBF

FCC ID: BCGA3459 IC: 579C-A3459		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-245. Radiated Spurious Emissions 1-18GHz TxBF (BDR GFSK ePA – 6420MHz)

Mode: BDR

Data Rate: 1Mbps

Power Scheme: ePA

Distance of Measurements: 3 Meters

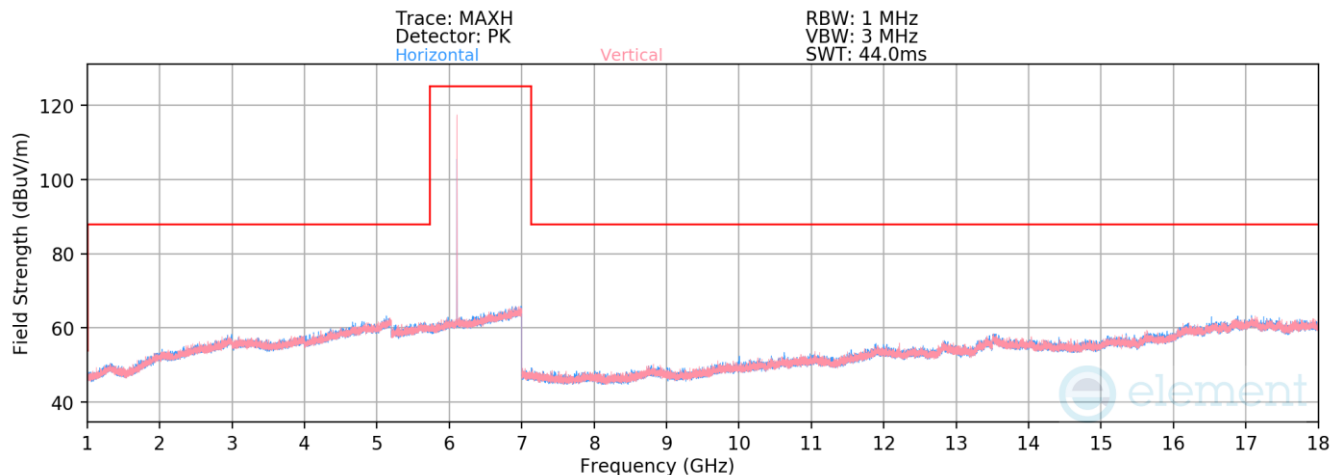
Operating Frequency: 6420MHz

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]
12840.00	Average	H	-	-	-84.29	18.32	41.03	68.23	-27.20
12840.00	Peak	H	-	-	-72.62	18.32	52.70	88.23	-35.53

Table 7-21. Radiated Spurious Emissions Measurements TxBF

FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Plot 7-246. Radiated Spurious Emissions 1-18GHz TxBF (HDR4 GFSK ePA – 6106MHz)

Mode: HDR4

Data Rate: 4Mbps

Power Scheme: ePA

Distance of Measurements: 3 Meters

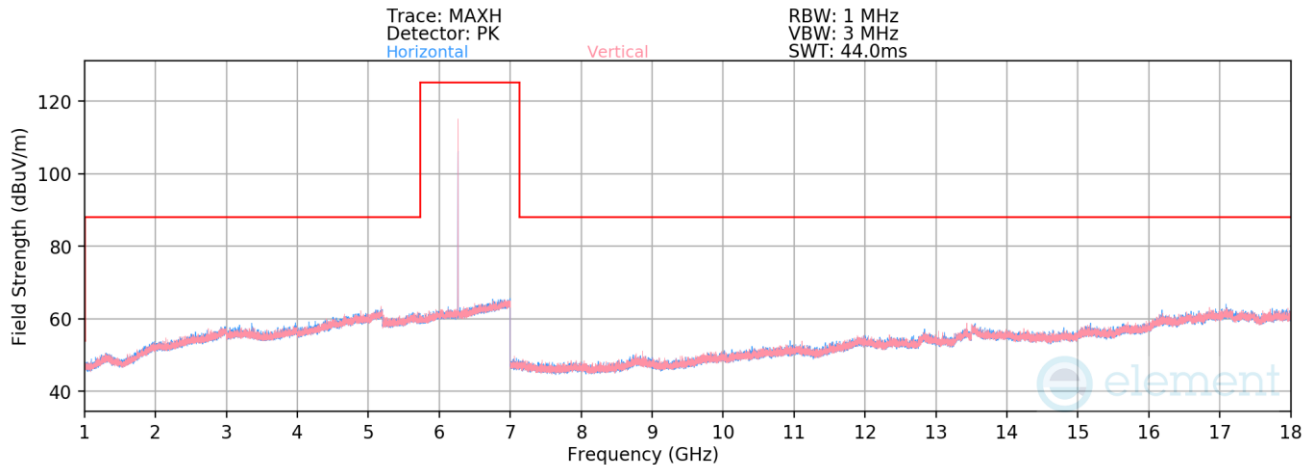
Operating Frequency: 6106MHz

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]
* 12212.00	Average	H	-	-	-84.35	21.09	43.74	53.98	-10.24
* 12212.00	Peak	H	-	-	-72.17	21.09	55.92	73.98	-18.06

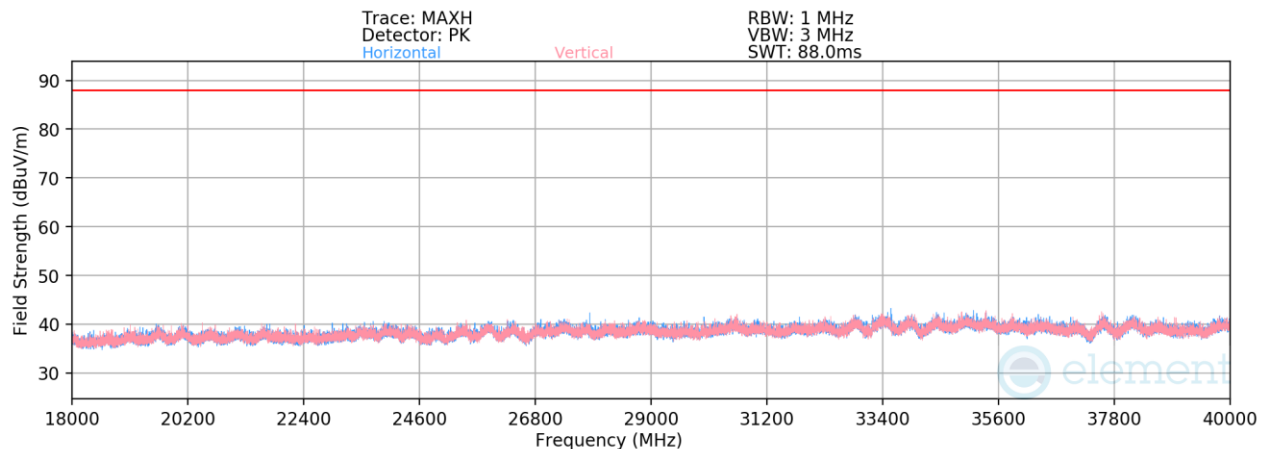
Table 7-22. Radiated Spurious Emissions Measurements TxBF

FCC ID: BCGA3459 IC: 579C-A3459		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100079-11-R4.BCG	Test Dates: 09/18/2025 - 12/23/2025	EUT Type: Tablet Device	Page 171 of 209

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Plot 7-247. Radiated Spurious Emissions 1-18GHz TxBF (HDR4 GFSK ePA – 6263MHz)



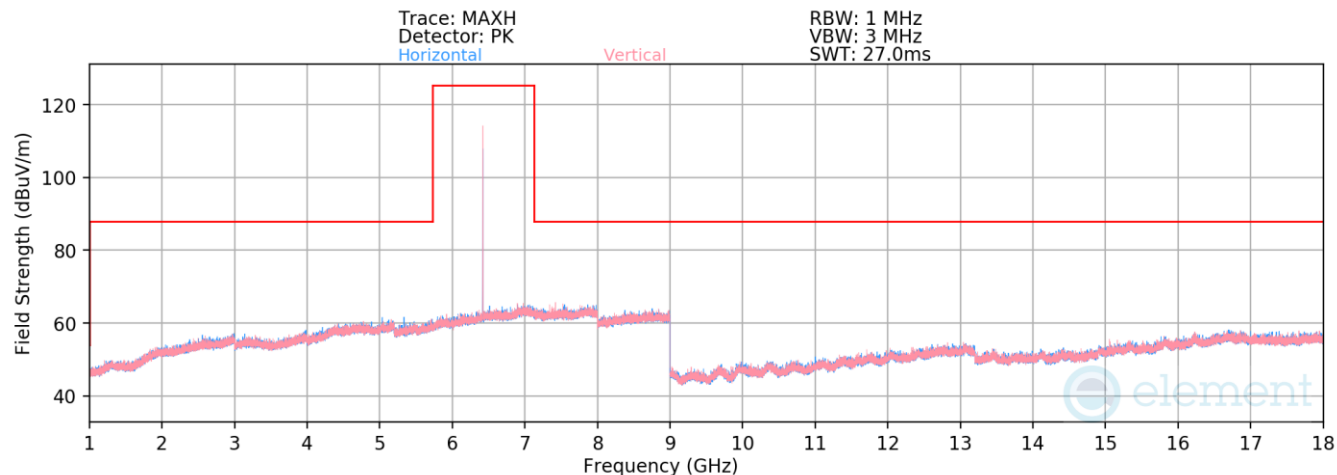
Plot 7-248. Radiated Spurious Emissions Above 18GHz (HDR4 GFSK ePA – 6263MHz)

Mode:	HDR4
Data Rate:	4Mbps
Power Scheme:	ePA
Distance of Measurements:	3 Meters
Operating Frequency:	6263MHz

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
* 12526.00	Average	V	-	-	-85.03	21.59	0.00	43.55	53.98	-10.43
* 12526.00	Peak	V	-	-	-74.00	21.59	0.00	54.59	73.98	-19.39
* 18789.00	Average	V	-	-	-62.70	-7.27	-9.54	27.49	53.98	-26.49
* 18789.00	Peak	V	-	-	-51.03	-7.27	-9.54	39.16	73.98	-34.82
* 25052.00	Average	V	-	-	-62.67	-6.34	-9.54	28.45	68.23	-39.78
* 25052.00	Peak	V	-	-	-51.52	-6.34	-9.54	39.60	88.23	-48.63
* 31315.00	Average	V	-	-	-64.90	-3.46	-9.54	29.10	53.98	-24.88
* 31315.00	Peak	V	-	-	-53.94	-3.46	-9.54	40.06	73.98	-33.92
* 37578.00	Average	V	-	-	-60.89	-6.68	-9.54	29.89	68.23	-38.34
* 37578.00	Peak	V	-	-	-49.91	-6.68	-9.54	40.87	88.23	-47.36

Table 7-23. Radiated Spurious Emissions Measurements TxBF

FCC ID: BCGA3459 IC: 579C-A3459		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-249. Radiated Spurious Emissions 1-18GHz TxBF (HDR4 GFSK ePA – 6420MHz)

Mode: HDR4

Data Rate: 4Mbps

Power Scheme: ePA

Distance of Measurements: 3 Meters

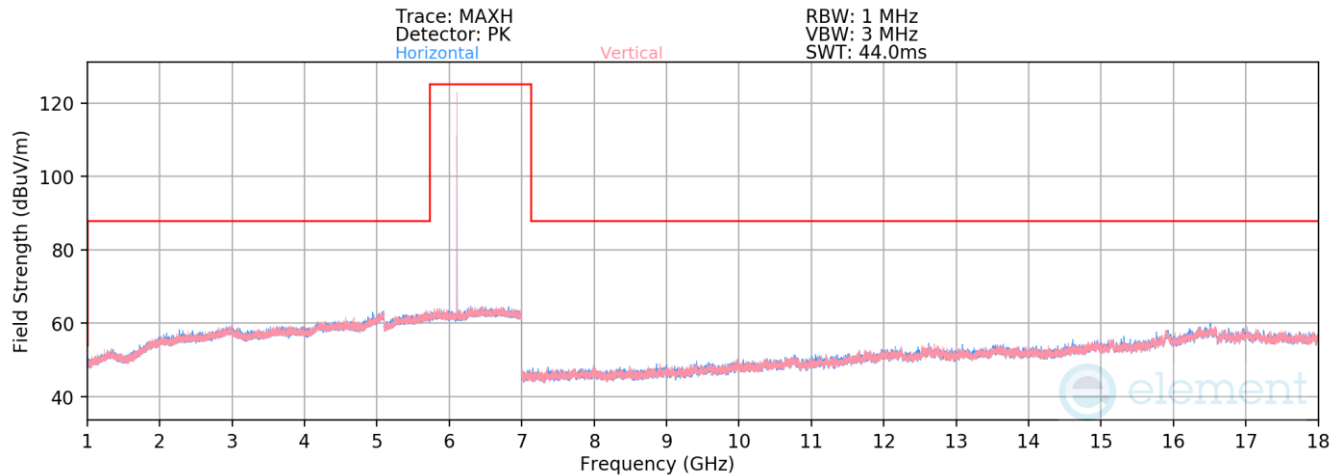
Operating Frequency: 6420MHz

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]
12840.00	Average	V	-	-	-84.11	18.20	41.09	68.23	-27.14
12840.00	Peak	V	-	-	-72.34	18.20	52.86	88.23	-35.37

Table 7-24. Radiated Spurious Emissions Measurements TxBF

FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Plot 7-250. Radiated Spurious Emissions 1-18GHz TxBF (LE1M GFSK ePA – 6106MHz)

Mode: LE1M

Data Rate: 1Mbps

Power Scheme: ePA

Distance of Measurements: 3 Meters

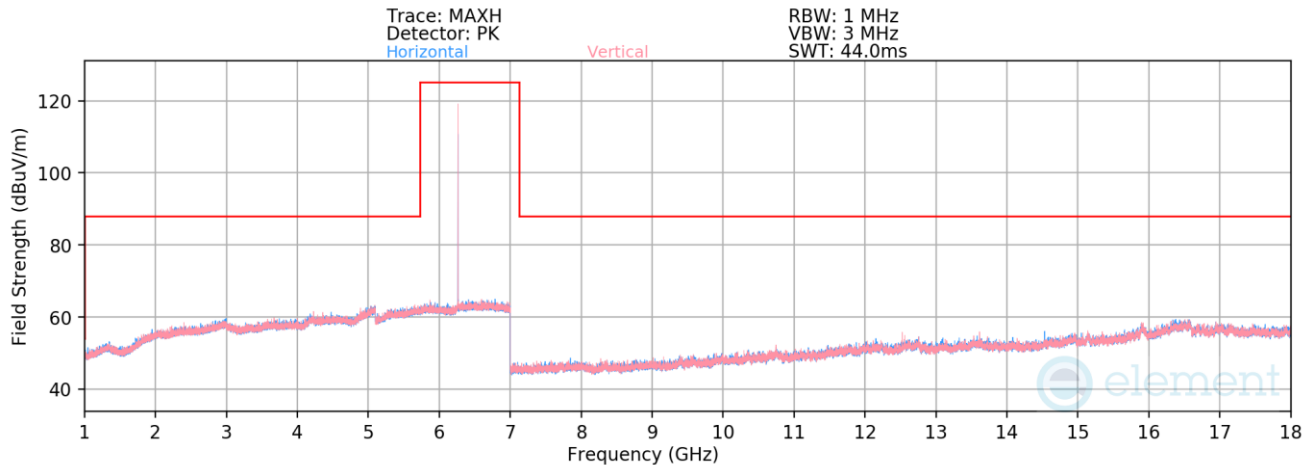
Operating Frequency: 6106MHz

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]
* 12212.00	Average	H	-	-	-84.45	19.01	41.56	53.98	-12.42
* 12212.00	Peak	H	-	-	-73.00	19.01	53.01	73.98	-20.97

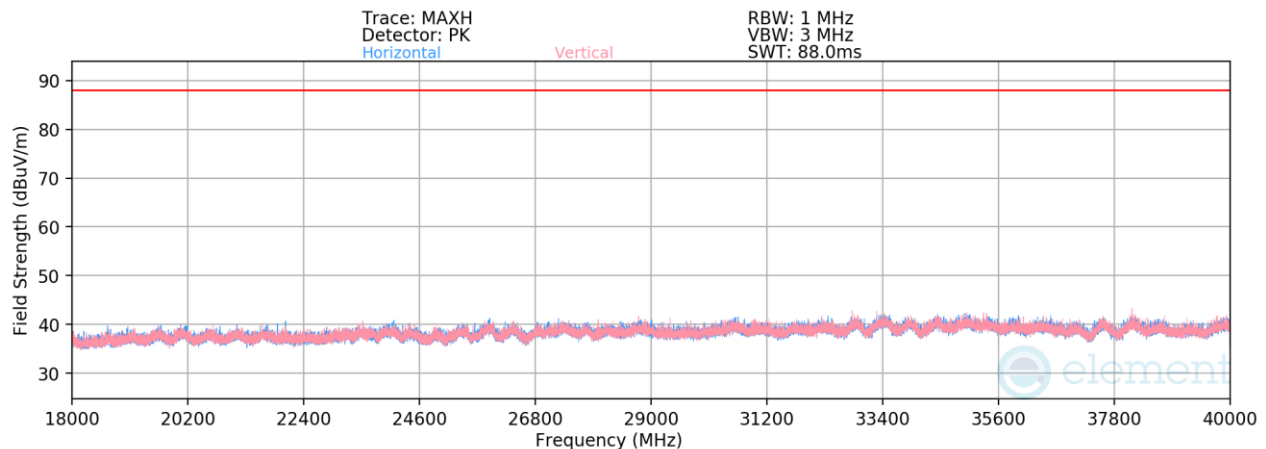
Table 7-25. Radiated Spurious Emissions Measurements TxBF

FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100079-11-R4.BCG	Test Dates: 09/18/2025 - 12/23/2025	EUT Type: Tablet Device	Page 174 of 209

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Plot 7-251. Radiated Spurious Emissions 1-18GHz TxBF (LE1M GFSK ePA – 6263MHz)



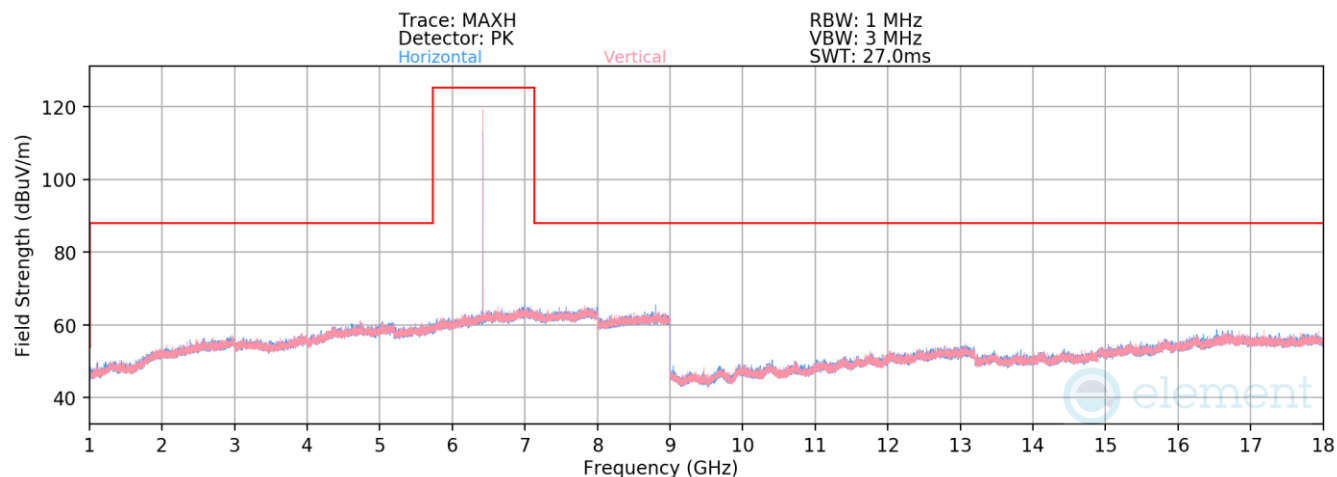
Plot 7-252. Radiated Spurious Emissions Above 18GHz (LE1M GFSK ePA – 6263MHz)

Mode:	LE1M
Data Rate:	1Mbps
Power Scheme:	ePA
Distance of Measurements:	3 Meters
Operating Frequency:	6263MHz

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
* 12526.00	Average	V	248	198	-78.92	19.15	0.00	47.24	53.98	-6.74
* 12526.00	Peak	V	248	198	-71.19	19.15	0.00	54.96	73.98	-19.02
* 18789.00	Average	V	-	-	-62.64	-7.27	-9.54	27.55	53.98	-26.43
* 18789.00	Peak	V	-	-	-50.70	-7.27	-9.54	39.49	73.98	-34.49
25052.00	Average	V	-	-	-62.80	-6.34	-9.54	28.32	68.23	-39.91
25052.00	Peak	V	-	-	-51.92	-6.34	-9.54	39.20	88.23	-49.03
* 31315.00	Average	V	-	-	-65.04	-3.44	-9.54	28.98	53.98	-25.00
* 31315.00	Peak	V	-	-	-54.23	-3.44	-9.54	39.79	73.98	-34.19
37578.00	Average	V	-	-	-61.31	-6.68	-9.54	29.47	68.23	-38.76
37578.00	Peak	V	-	-	-50.64	-6.68	-9.54	40.14	88.23	-48.09

Table 7-26. Radiated Spurious Emissions Measurements TxBF

FCC ID: BCGA3459 IC: 579C-A3459		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100079-11-R4.BCG	Test Dates: 09/18/2025 - 12/23/2025	EUT Type: Tablet Device	Page 175 of 209



Plot 7-253. Radiated Spurious Emissions 1-18GHz TxBF (LE1M GFSK ePA – 6420MHz)

Mode: LE1M

Data Rate: 1Mbps

Power Scheme: ePA

Distance of Measurements: 3 Meters

Operating Frequency: 6420MHz

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
12840.00	Average	H	-	-	-84.24	18.32	41.08	68.23	-27.15
12840.00	Peak	H	-	-	-73.39	18.32	51.93	88.23	-36.30

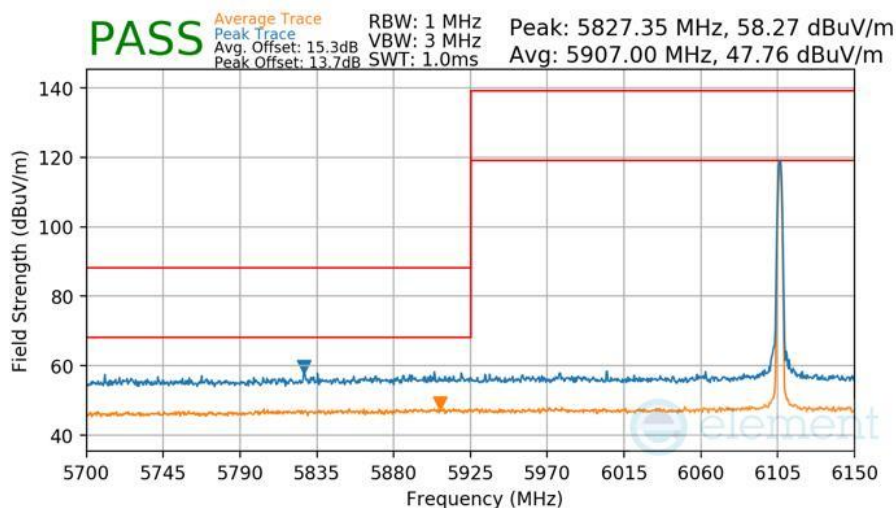
Table 7-27. Radiated Spurious Emissions Measurements TxBF

FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100079-11-R4.BCG	Test Dates: 09/18/2025 - 12/23/2025	EUT Type: Tablet Device	Page 176 of 209

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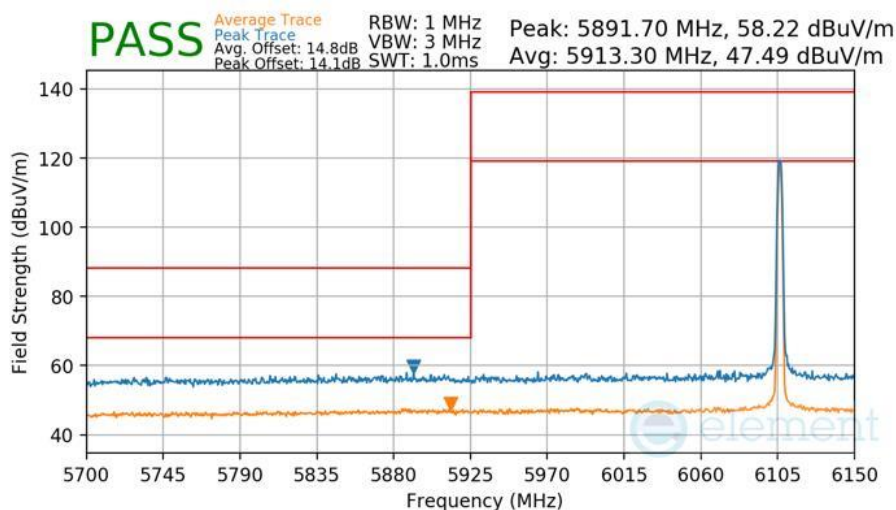
7.8.2 Antenna WF8 Radiated Band Edge Measurements

Mode	BDR
Power Scheme	ePA
Distance of Measurement	3 Meters
Operating Frequency	6106MHz



Plot 7-254 Radiated Lower Band Edge Measurement Antenna WF8

Mode	LE1M
Power Scheme	ePA
Distance of Measurement	3 Meters
Operating Frequency	6106MHz

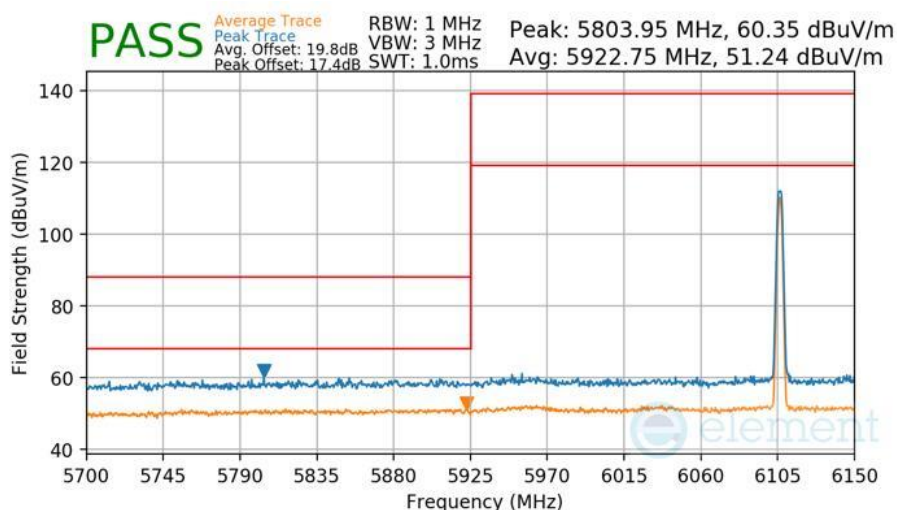


Plot 7-255 Radiated Lower Band Edge Measurement Antenna WF8

FCC ID: BCGA3459 IC: 579C-A3459		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100079-11-R4.BCG	Test Dates: 09/18/2025 - 12/23/2025	EUT Type: Tablet Device	Page 177 of 209

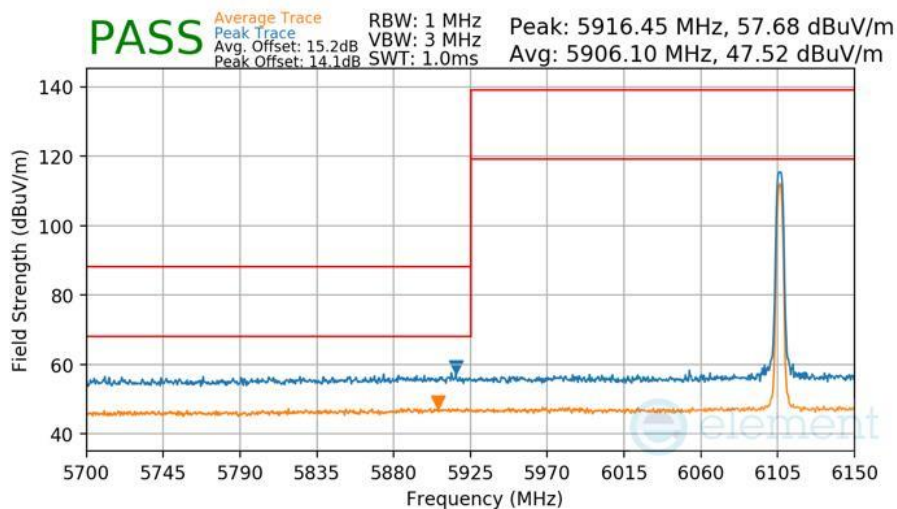
V 11.0 06/2025

Mode LE2M
Power Scheme ePA
Distance of Measurement 3 Meters
Operating Frequency 6106MHz



Plot 7-256 Radiated Lower Band Edge Measurement Antenna WF8

Mode HDR4
Power Scheme ePA
Distance of Measurement 3 Meters
Operating Frequency 6106MHz

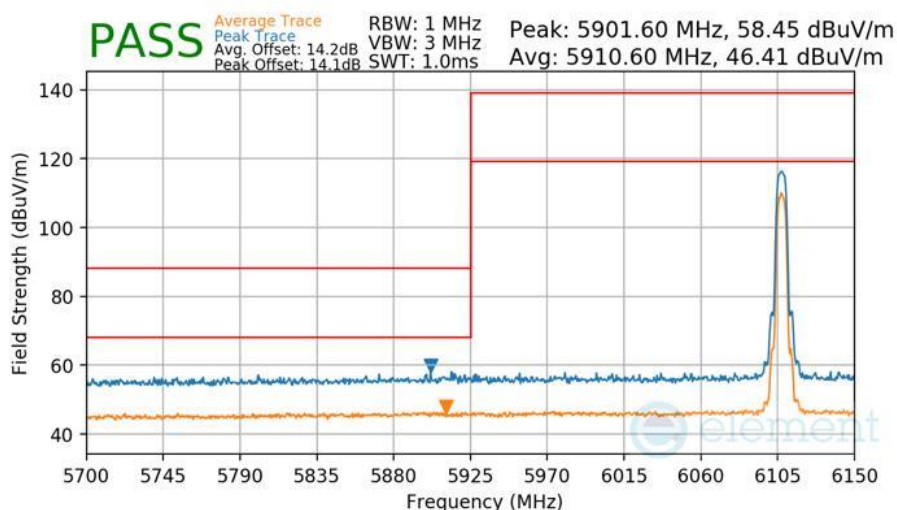


Plot 7-257 Radiated Lower Band Edge Measurement Antenna WF8

FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100079-11-R4.BCG	Test Dates: 09/18/2025 - 12/23/2025	EUT Type: Tablet Device	Page 178 of 209

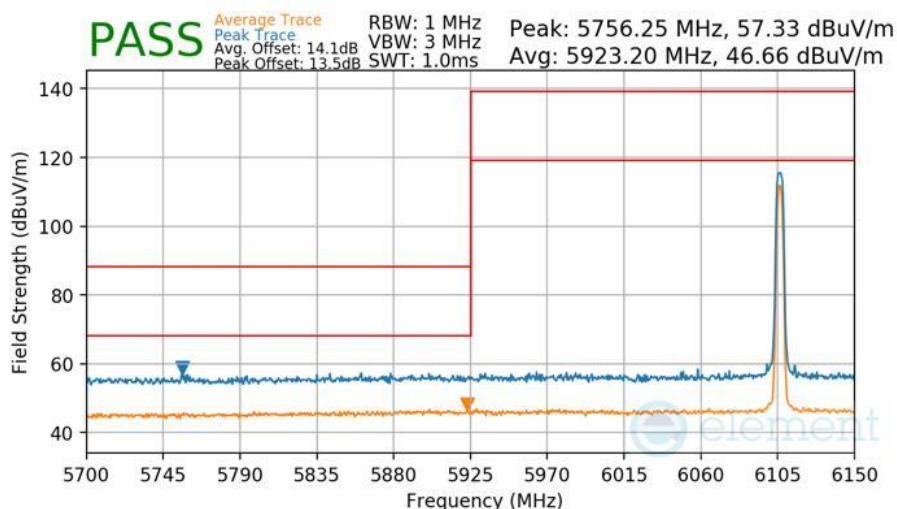
V 11.0 06/2025

Mode HDR8
Power Scheme ePA
Distance of Measurement 3 Meters
Operating Frequency 6107MHz



Plot 7-258 Radiated Lower Band Edge Measurement Antenna WF8

Mode XHDRPS2
Power Scheme ePA
Distance of Measurement 3 Meters
Operating Frequency 6106MHz

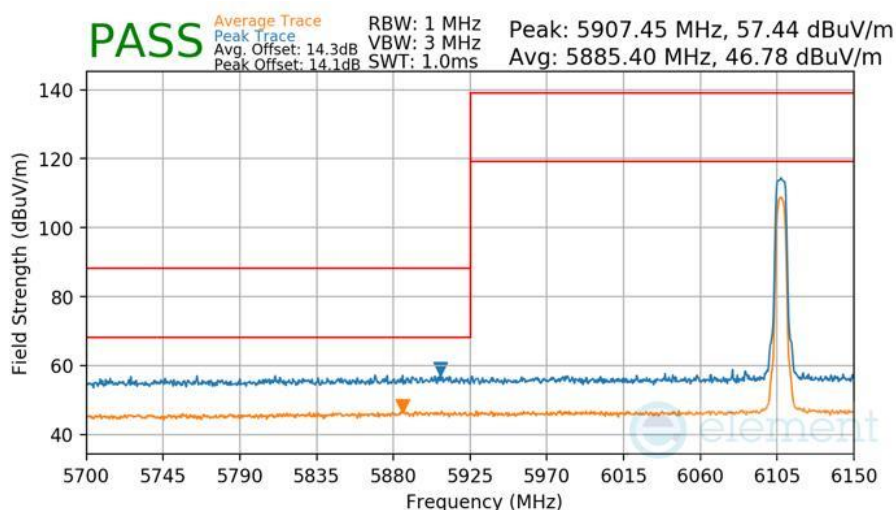


Plot 7-259 Radiated Lower Band Edge Measurement Antenna WF8

FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100079-11-R4.BCG	Test Dates: 09/18/2025 - 12/23/2025	EUT Type: Tablet Device	Page 179 of 209

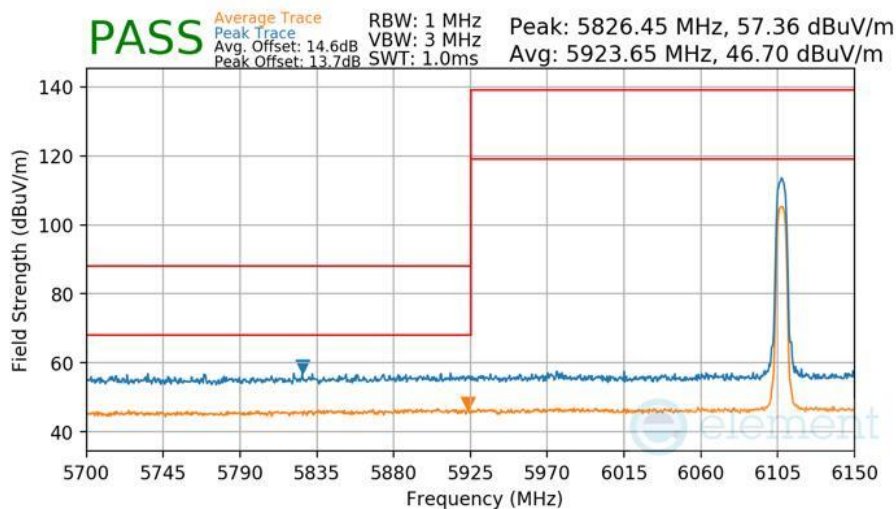
V 11.0 06/2025

Mode XHDRPM8
Power Scheme ePA
Distance of Measurement 3 Meters
Operating Frequency 6107MHz



Plot 7-260 Radiated Lower Band Edge Measurement Antenna WF8

Mode XHDRPM16
Power Scheme ePA
Distance of Measurement 3 Meters
Operating Frequency 6107MHz

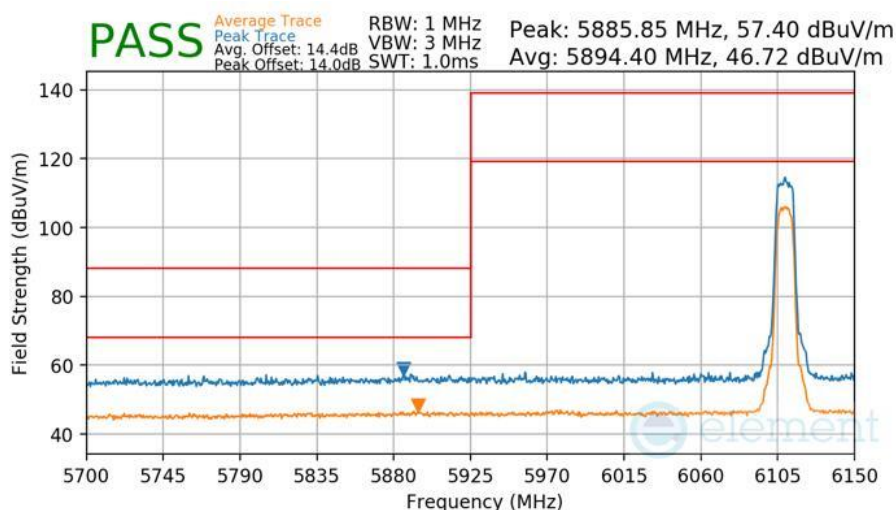


Plot 7-261 Radiated Lower Band Edge Measurement Antenna WF8

FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100079-11-R4.BCG	Test Dates: 09/18/2025 - 12/23/2025	EUT Type: Tablet Device	Page 180 of 209

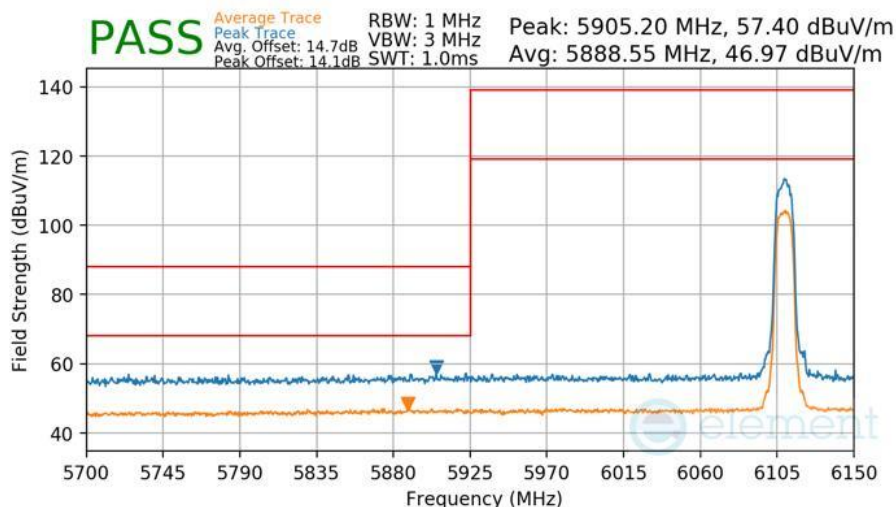
V 11.0 06/2025

Mode XHDRPL16
Power Scheme ePA
Distance of Measurement 3 Meters
Operating Frequency 6109MHz



Plot 7-262 Radiated Lower Band Edge Measurement Antenna WF8

Mode XHDRPL32
Power Scheme ePA
Distance of Measurement 3 Meters
Operating Frequency 6109MHz

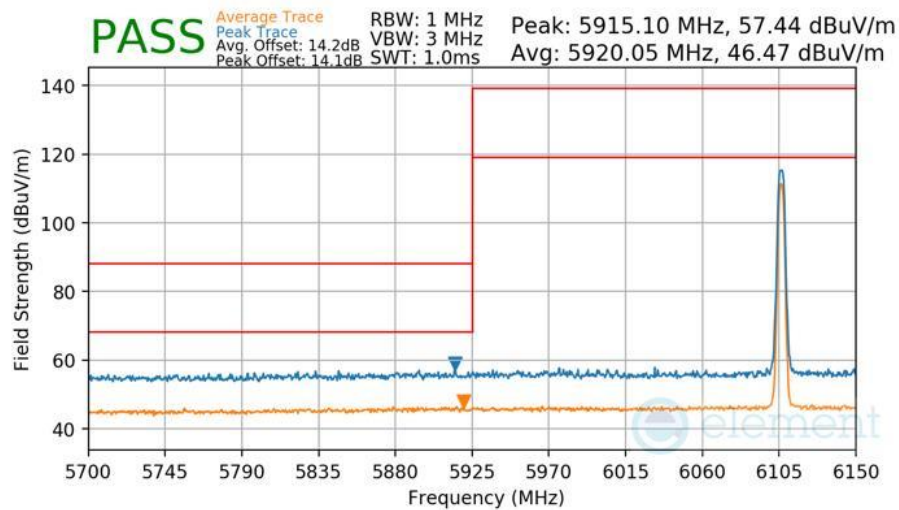


Plot 7-263 Radiated Lower Band Edge Measurement Antenna WF8

FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100079-11-R4.BCG	Test Dates: 09/18/2025 - 12/23/2025	EUT Type: Tablet Device	Page 181 of 209

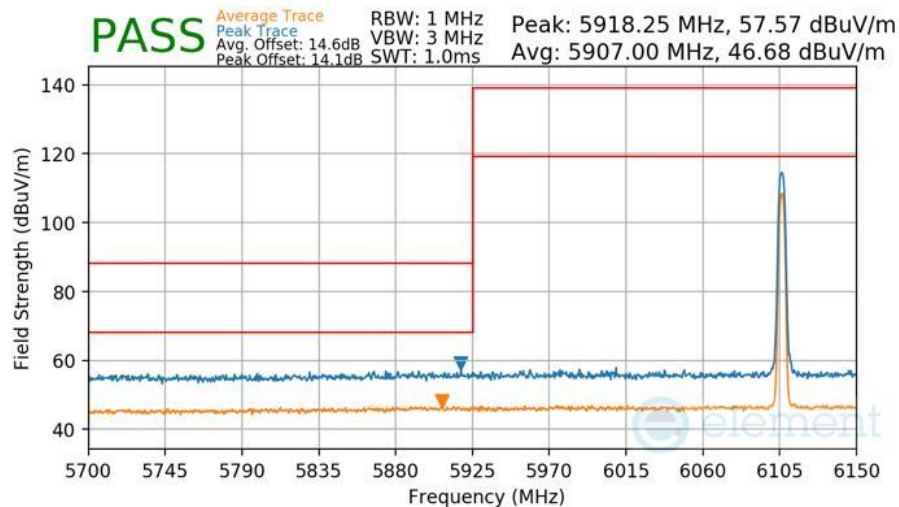
V 11.0 06/2025

Mode HDT2
Power Scheme ePA
Distance of Measurement 3 Meters
Operating Frequency 6106MHz



Plot 7-264 Radiated Lower Band Edge Measurement Antenna WF8

Mode HDT8
Power Scheme ePA
Distance of Measurement 3 Meters
Operating Frequency 6106MHz



Plot 7-265 Radiated Lower Band Edge Measurement Antenna WF8

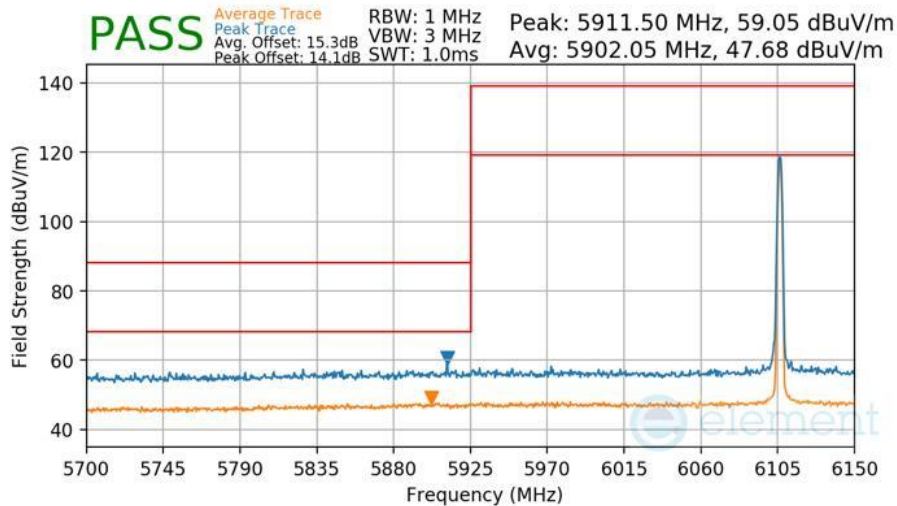
FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100079-11-R4.BCG	Test Dates: 09/18/2025 - 12/23/2025	EUT Type: Tablet Device	Page 182 of 209

V 11.0 06/2025

7.8.3 Antenna WF7a Radiated Band Edge Measurements

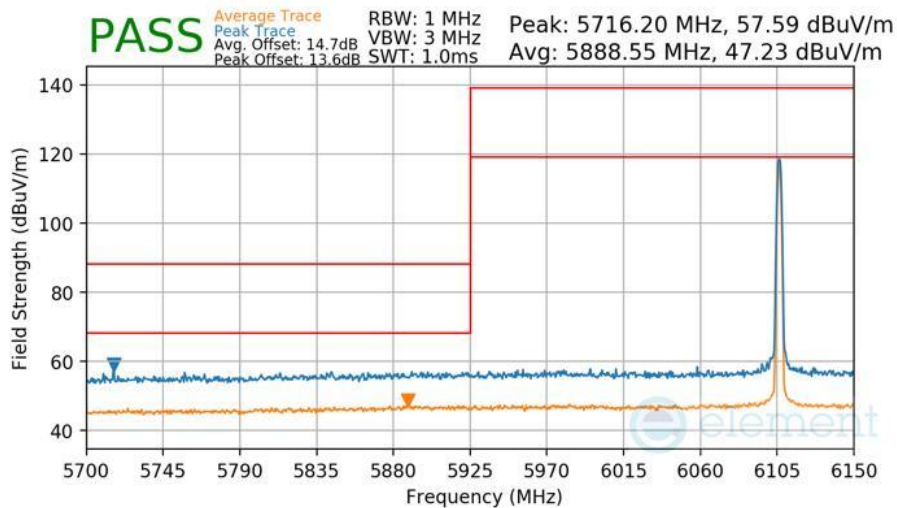
\$15.407(b.1)(b.2) \$15.205 \$15.209

Mode	BDR
Power Scheme	ePA
Distance of Measurement	3 Meters
Operating Frequency	6106MHz



Plot 7-266 Radiated Lower Band Edge Measurement Antenna WF7a

Mode	LE1M
Power Scheme	ePA
Distance of Measurement	3 Meters
Operating Frequency	6106MHz



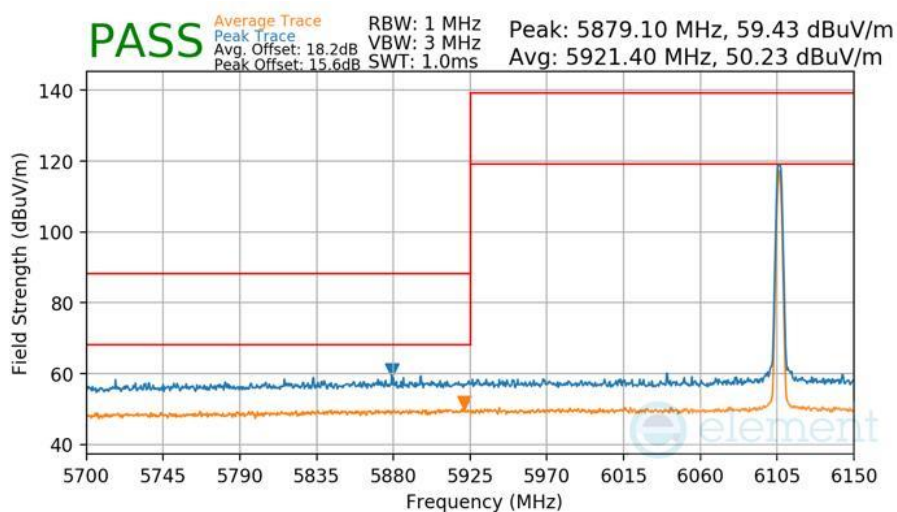
Plot 7-267 Radiated Lower Band Edge Measurement Antenna WF7a

FCC ID: BCGA3459 IC: 579C-A3459		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100079-11-R4.BCG	Test Dates: 09/18/2025 - 12/23/2025	EUT Type: Tablet Device	Page 183 of 209

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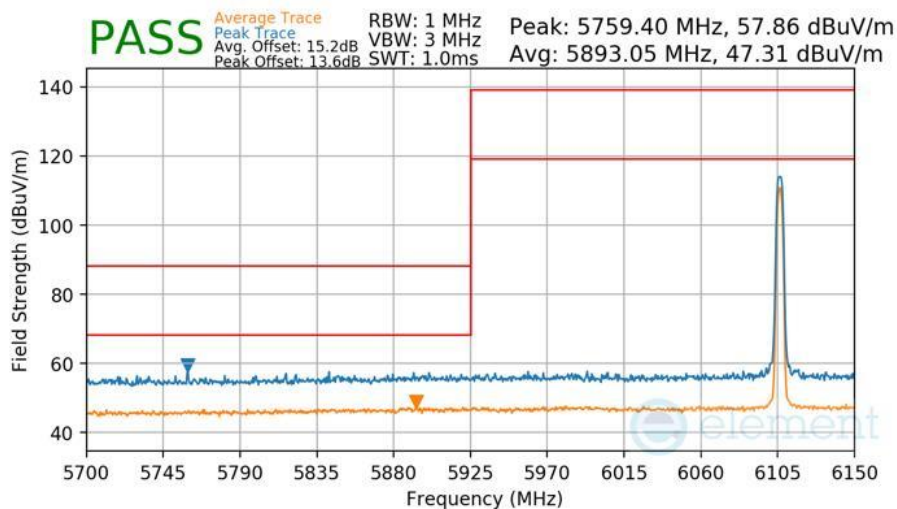
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Mode LE2M
Power Scheme ePA
Distance of Measurement 3 Meters
Operating Frequency 6106MHz



Plot 7-268 Radiated Lower Band Edge Measurement Antenna WF7a

Mode HDR4
Power Scheme ePA
Distance of Measurement 3 Meters
Operating Frequency 6106MHz

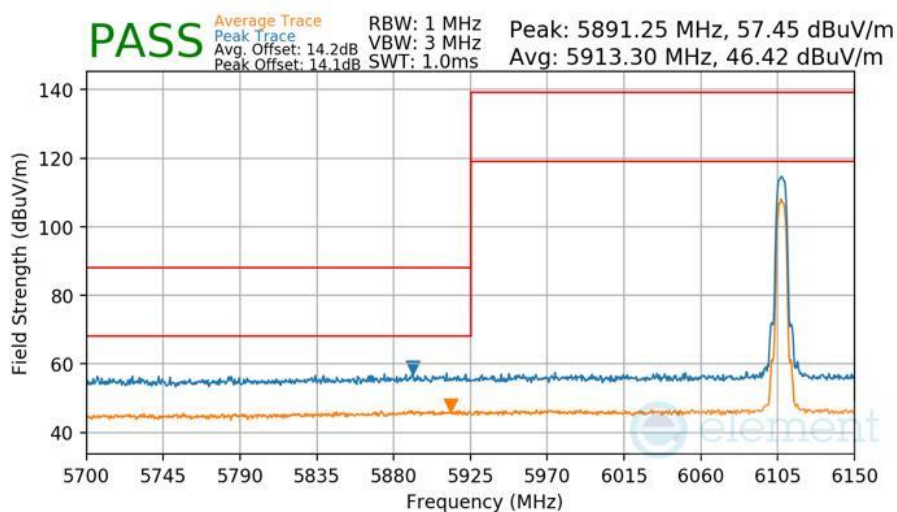


Plot 7-269 Radiated Lower Band Edge Measurement Antenna WF7a

FCC ID: BCGA3459 IC: 579C-A3459		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100079-11-R4.BCG	Test Dates: 09/18/2025 - 12/23/2025	EUT Type: Tablet Device	Page 184 of 209

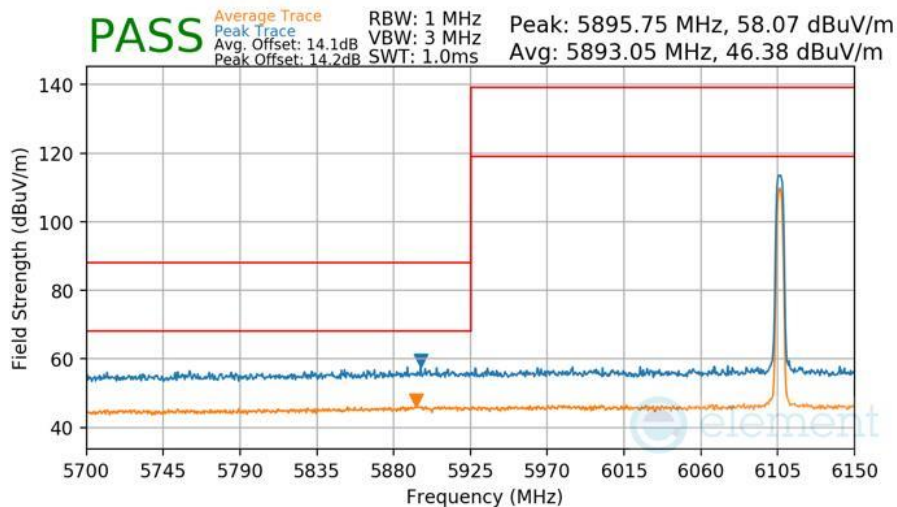
V 11.0 06/2025

Mode HDR8
Power Scheme ePA
Distance of Measurement 3 Meters
Operating Frequency 6107MHz



Plot 7-270 Radiated Lower Band Edge Measurement Antenna WF7a

Mode XHDRPS2
Power Scheme ePA
Distance of Measurement 3 Meters
Operating Frequency 6106MHz

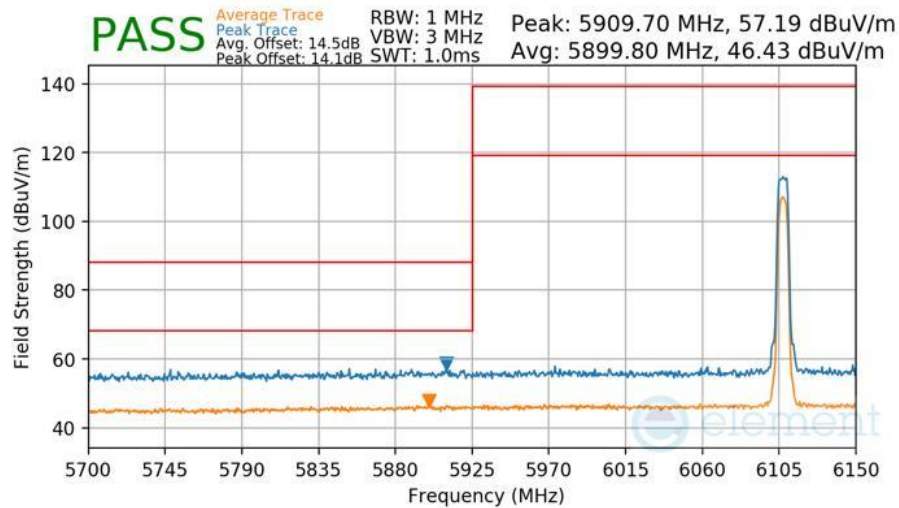


Plot 7-271 Radiated Lower Band Edge Measurement Antenna WF7a

FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100079-11-R4.BCG	Test Dates: 09/18/2025 - 12/23/2025	EUT Type: Tablet Device	Page 185 of 209

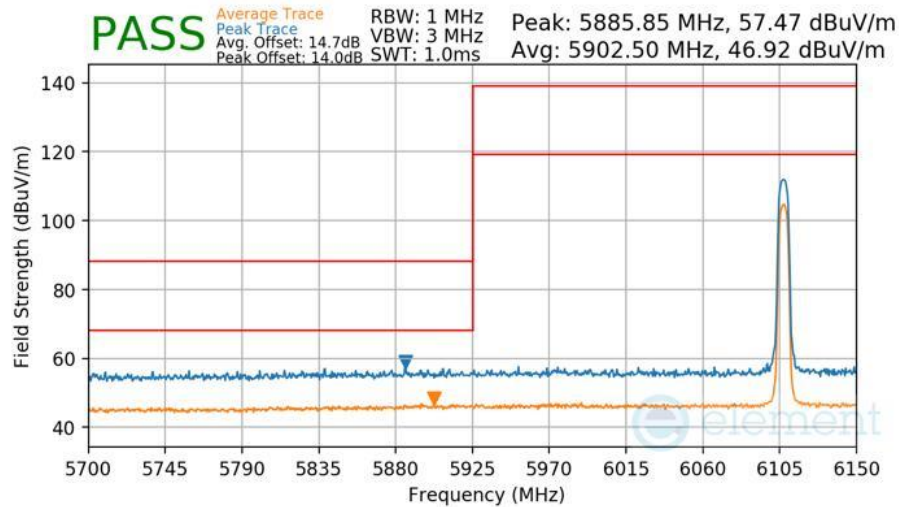
V 11.0 06/2025

Mode XHDRPM8
Power Scheme ePA
Distance of Measurement 3 Meters
Operating Frequency 6107MHz



Plot 7-272 Radiated Lower Band Edge Measurement Antenna WF7a

Mode XHDRPM16
Power Scheme ePA
Distance of Measurement 3 Meters
Operating Frequency 6107MHz

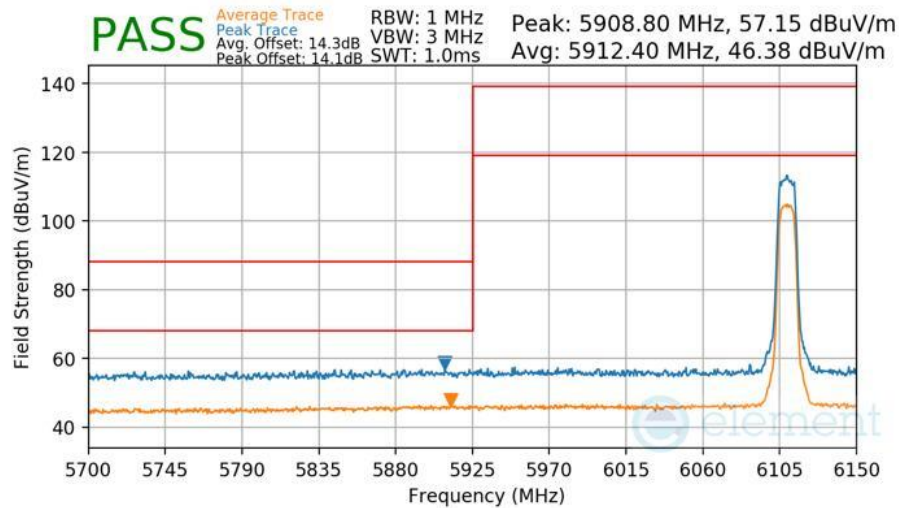


Plot 7-273 Radiated Lower Band Edge Measurement Antenna WF7a

FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100079-11-R4.BCG	Test Dates: 09/18/2025 - 12/23/2025	EUT Type: Tablet Device	Page 186 of 209

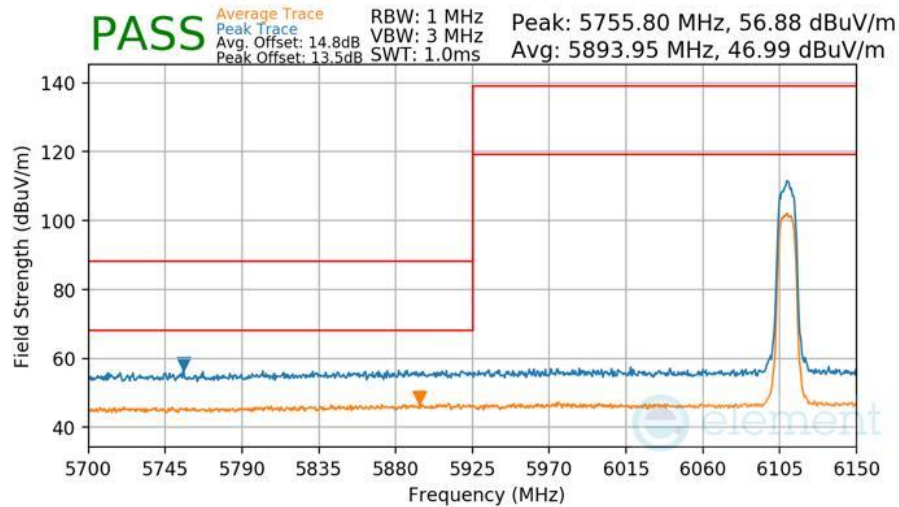
V 11.0 06/2025

Mode XHDRPL16
Power Scheme ePA
Distance of Measurement 3 Meters
Operating Frequency 6109MHz



Plot 7-274 Radiated Lower Band Edge Measurement Antenna WF7a

Mode XHDRPL32
Power Scheme ePA
Distance of Measurement 3 Meters
Operating Frequency 6109MHz

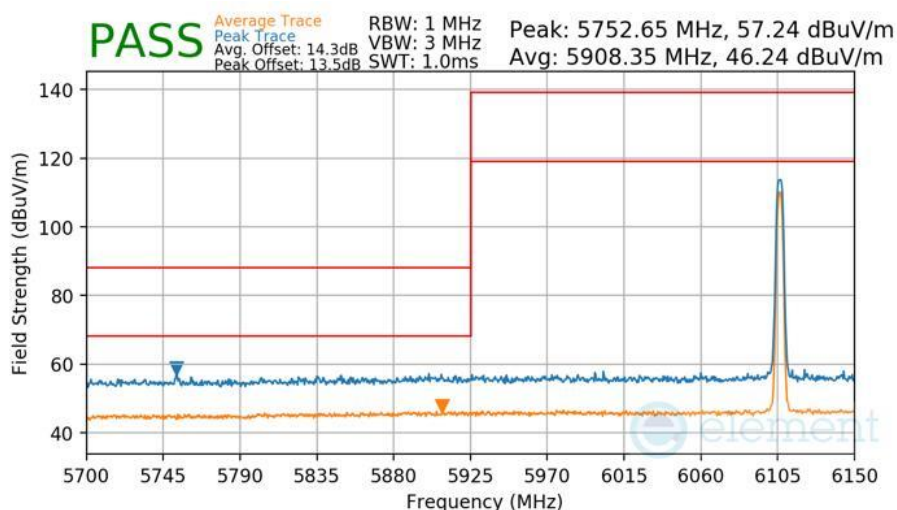


Plot 7-275 Radiated Lower Band Edge Measurement Antenna WF7a

FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100079-11-R4.BCG	Test Dates: 09/18/2025 - 12/23/2025	EUT Type: Tablet Device	Page 187 of 209

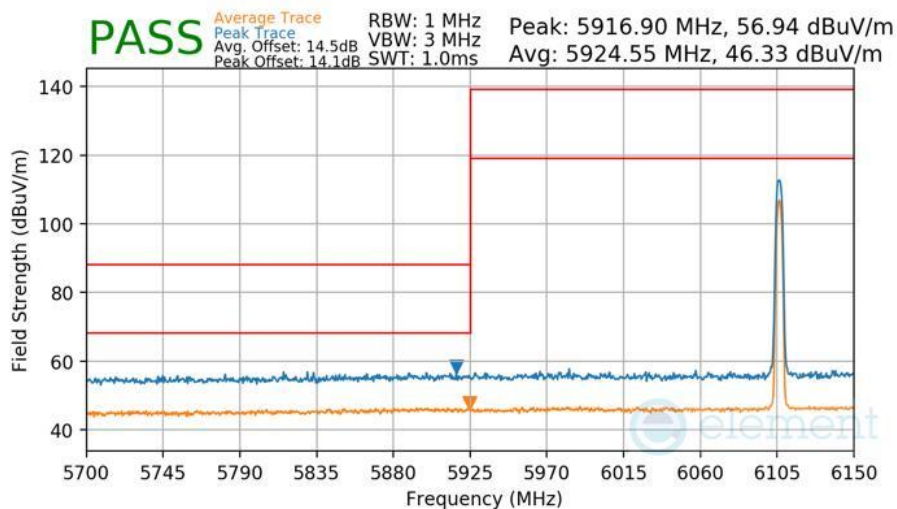
V 11.0 06/2025

Mode HDT2
Power Scheme ePA
Distance of Measurement 3 Meters
Operating Frequency 6106MHz



Plot 7-276 Radiated Lower Band Edge Measurement Antenna WF7a

Mode HDT8
Power Scheme ePA
Distance of Measurement 3 Meters
Operating Frequency 6106MHz



Plot 7-277 Radiated Lower Band Edge Measurement Antenna WF7a

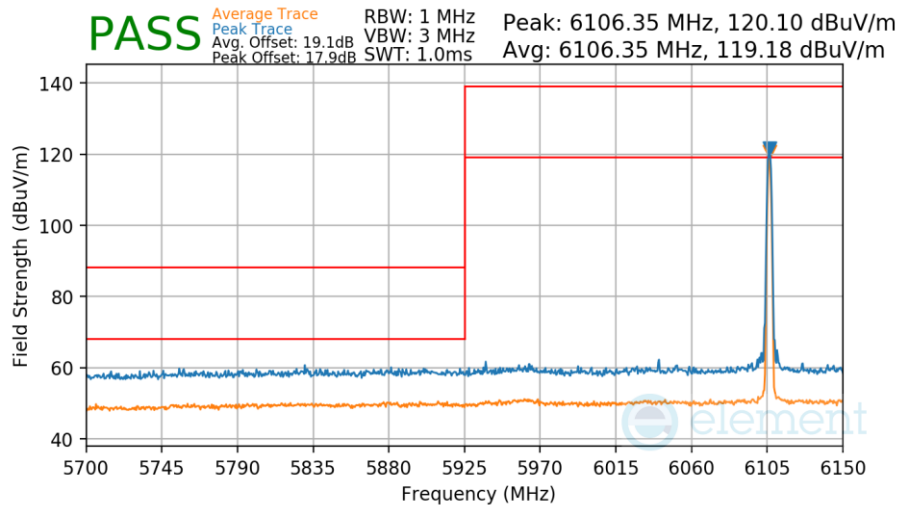
FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100079-11-R4.BCG	Test Dates: 09/18/2025 - 12/23/2025	EUT Type: Tablet Device	Page 188 of 209

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7.8.4 TxBF Radiated Band Edge Measurements

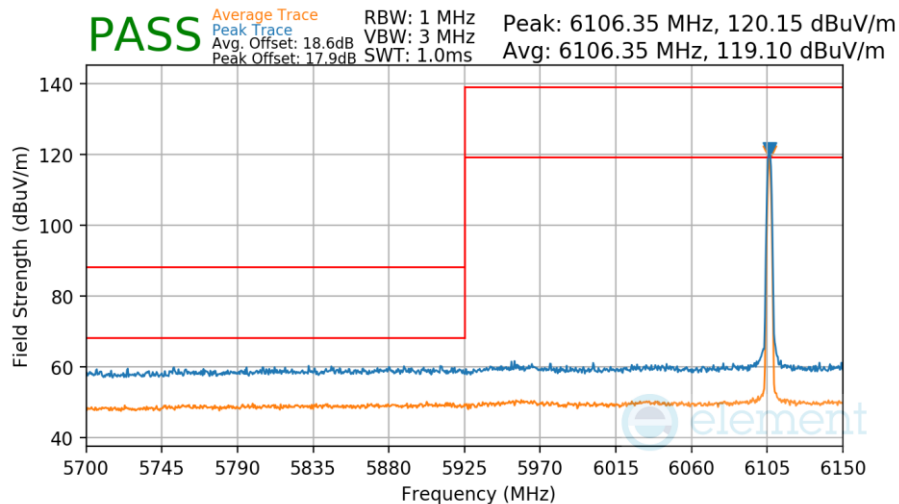
\$15.407(b.1)(b.2) \$15.205 \$15.209

Mode	BDR
Power Scheme	ePA
Distance of Measurement	3 Meters
Operating Frequency	6106MHz



Plot 7-278 Radiated Lower Band Edge Measurement TxBF

Mode	LE1M
Power Scheme	ePA
Distance of Measurement	3 Meters
Operating Frequency	6106MHz



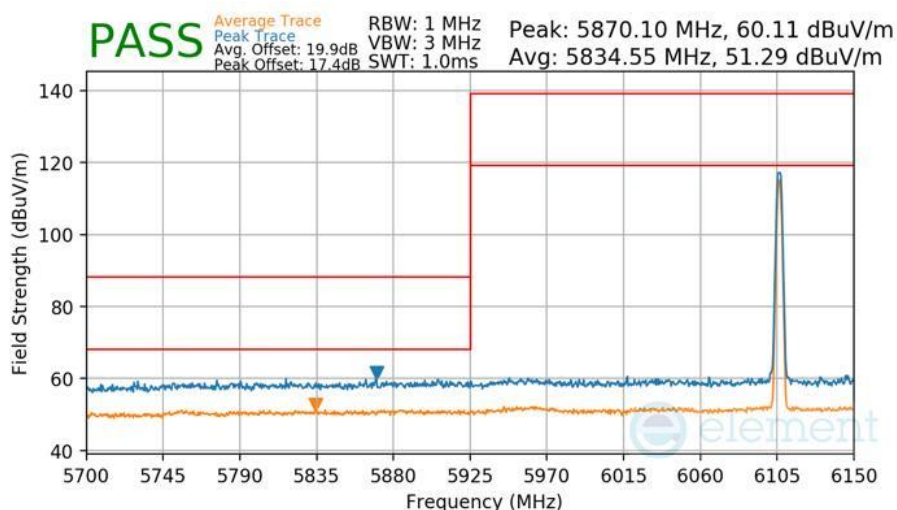
Plot 7-279 Radiated Lower Band Edge Measurement TxBF

FCC ID: BCGA3459 IC: 579C-A3459		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100079-11-R4.BCG	Test Dates: 09/18/2025 - 12/23/2025	EUT Type: Tablet Device	Page 189 of 209

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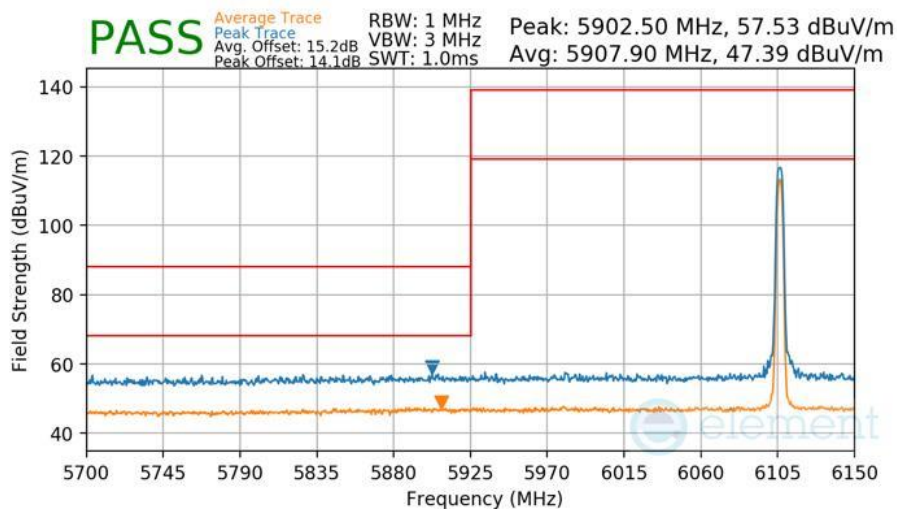
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Mode LE2M
Power Scheme ePA
Distance of Measurement 3 Meters
Operating Frequency 6106MHz



Plot 7-280 Radiated Lower Band Edge Measurement TxBF

Mode HDR4
Power Scheme ePA
Distance of Measurement 3 Meters
Operating Frequency 6106MHz

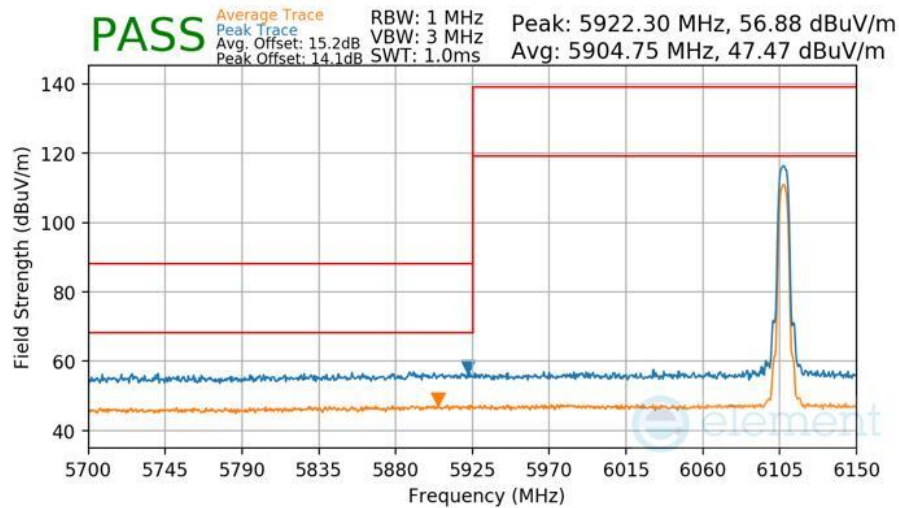


Plot 7-281 Radiated Lower Band Edge Measurement TxBF

FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100079-11-R4.BCG	Test Dates: 09/18/2025 - 12/23/2025	EUT Type: Tablet Device	Page 190 of 209

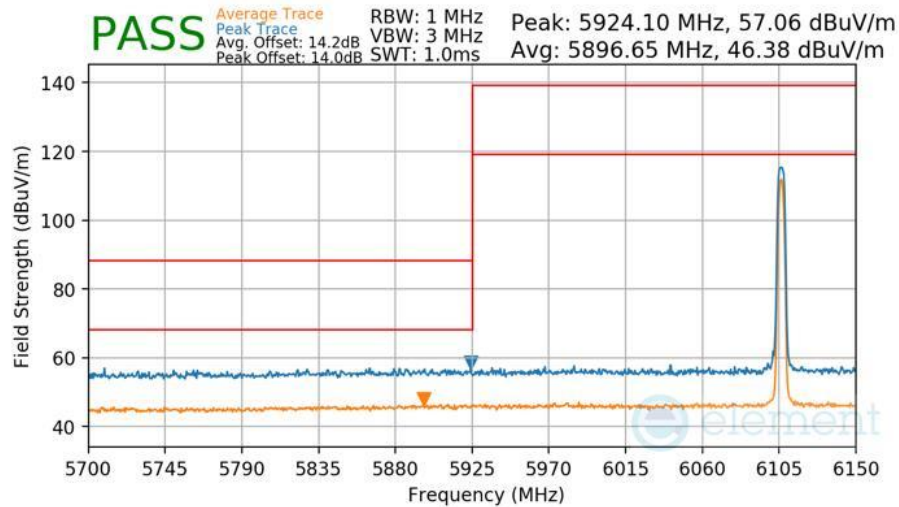
V 11.0 06/2025

Mode HDR8
Power Scheme ePA
Distance of Measurement 3 Meters
Operating Frequency 6107MHz



Plot 7-282 Radiated Lower Band Edge Measurement TxBF

Mode XHDRPS2
Power Scheme ePA
Distance of Measurement 3 Meters
Operating Frequency 6106MHz

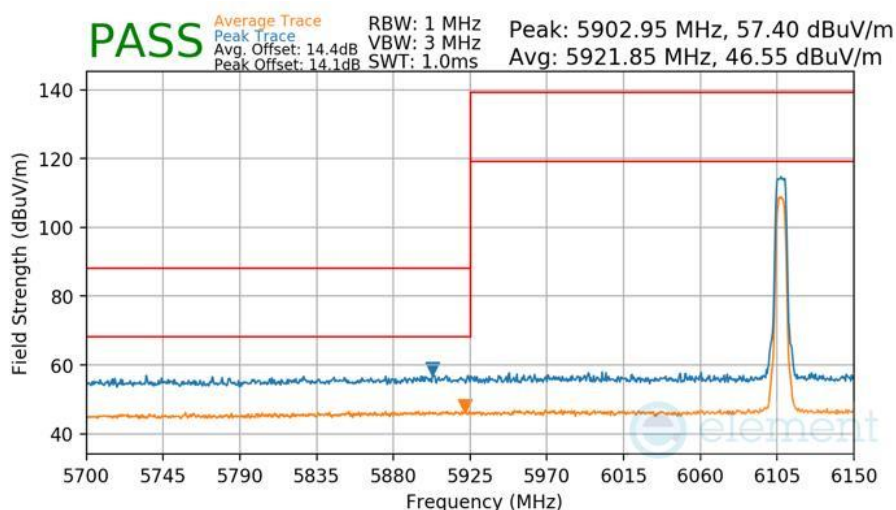


Plot 7-283 Radiated Lower Band Edge Measurement TxBF

FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100079-11-R4.BCG	Test Dates: 09/18/2025 - 12/23/2025	EUT Type: Tablet Device	Page 191 of 209

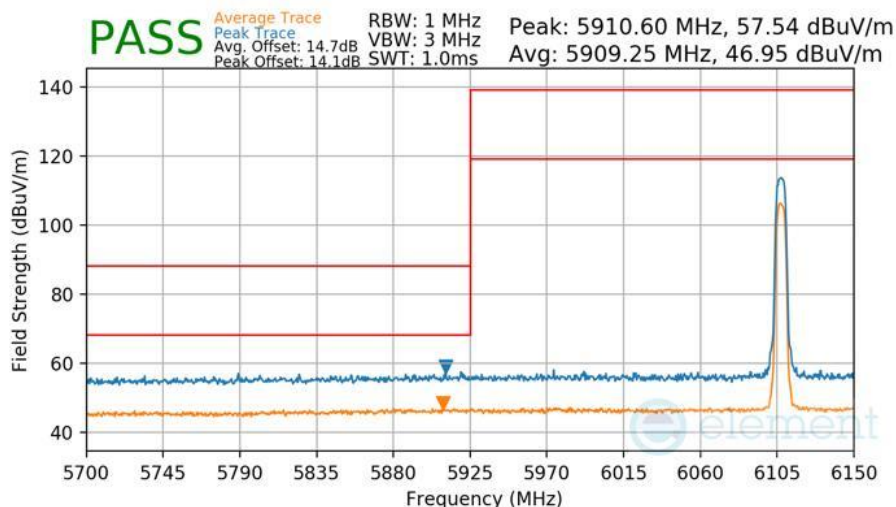
V 11.0 06/2025

Mode XHDRPM8
Power Scheme ePA
Distance of Measurement 3 Meters
Operating Frequency 6107MHz



Plot 7-284 Radiated Lower Band Edge Measurement TxBF

Mode XHDRPM16
Power Scheme ePA
Distance of Measurement 3 Meters
Operating Frequency 6107MHz

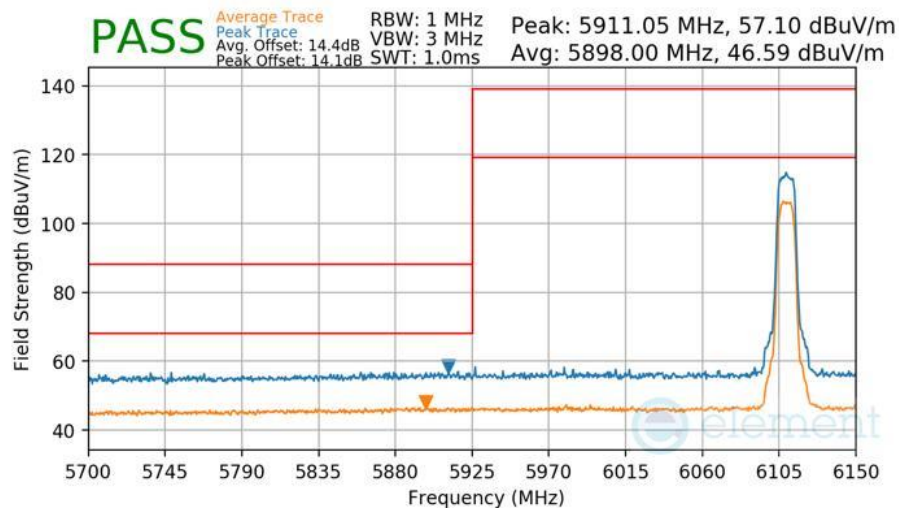


Plot 7-285 Radiated Lower Band Edge Measurement TxBF

FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100079-11-R4.BCG	Test Dates: 09/18/2025 - 12/23/2025	EUT Type: Tablet Device	Page 192 of 209

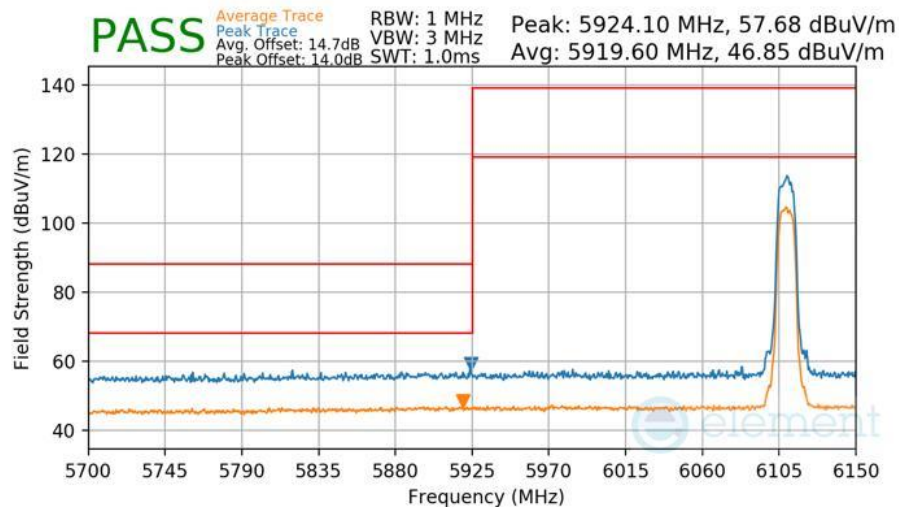
V 11.0 06/2025

Mode XHDRPL16
Power Scheme ePA
Distance of Measurement 3 Meters
Operating Frequency 6109MHz



Plot 7-286 Radiated Lower Band Edge Measurement TxBF

Mode XHDRPL32
Power Scheme ePA
Distance of Measurement 3 Meters
Operating Frequency 6109MHz



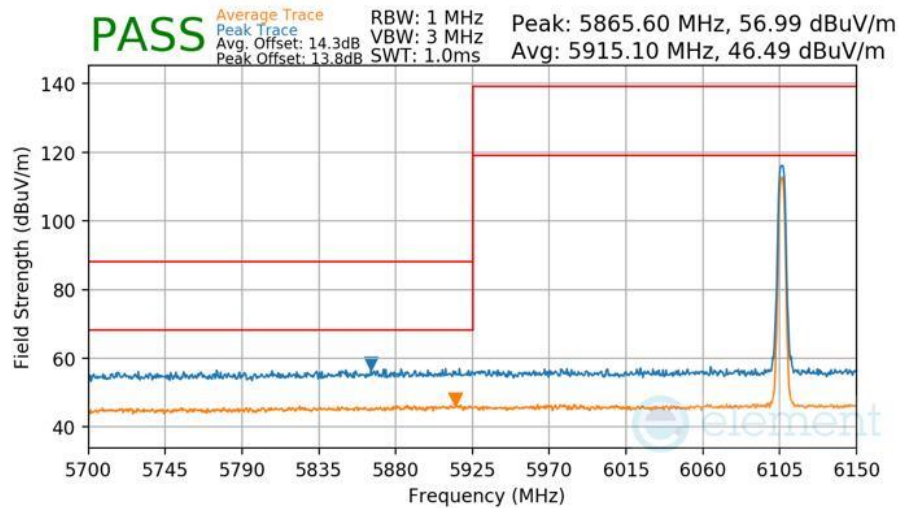
Plot 7-287 Radiated Lower Band Edge Measurement TxBF

FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100079-11-R4.BCG	Test Dates: 09/18/2025 - 12/23/2025	EUT Type: Tablet Device	Page 193 of 209

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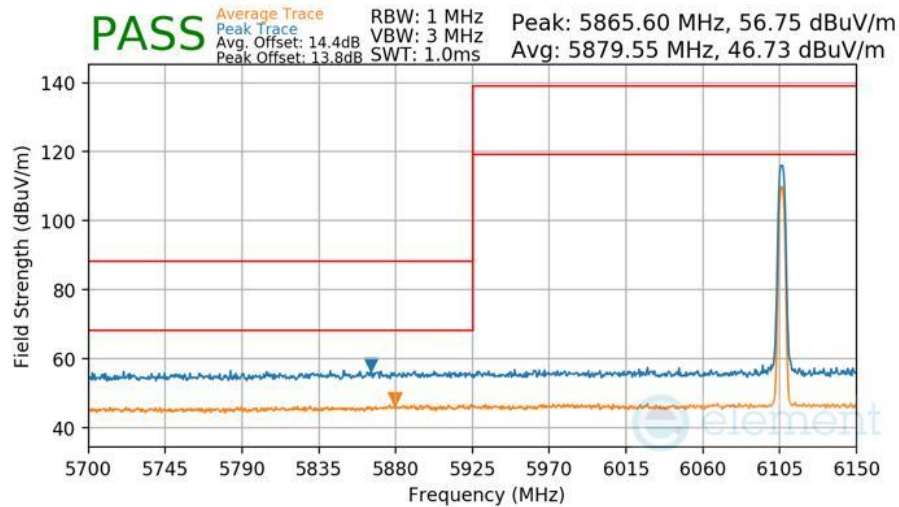
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Mode HDT2
Power Scheme ePA
Distance of Measurement 3 Meters
Operating Frequency 6106MHz



Plot 7-288 Radiated Lower Band Edge Measurement TxBF

Mode HDT8
Power Scheme ePA
Distance of Measurement 3 Meters
Operating Frequency 6106MHz



Plot 7-289 Radiated Lower Band Edge Measurement TxBF

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7.9 Radiated Spurious Emissions – Below 1GHz

§15.209; RSS-Gen [8.9]

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 its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates and modes were investigated for radiated spurious emissions. 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 must not exceed the limits shown in Table 7-28 per Section 15.209 and RSS-Gen (8.9).

Frequency	Field Strength [μV/m]	Measured Distance [Meters]
0.009 – 0.490 MHz	2400/F (kHz)	300
0.490 – 1.705 MHz	24000/F (kHz)	30
1.705 – 30.00 MHz	30	30
30.00 – 88.00 MHz	100	3
88.00 – 216.0 MHz	150	3
216.0 – 960.0 MHz	200	3
Above 960.0 MHz	500	3

Table 7-28. Radiated Limits

Test Procedures Used

ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024

Test Settings

Quasi-Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 120kHz (for emissions from 30MHz – 1GHz)
3. Detector = quasi-peak
4. Sweep time = auto couple
5. Trace mode = max hold
6. Trace was allowed to stabilize

Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 120kHz (for emissions from 30MHz – 1GHz)
3. VBW = 300kHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

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Test Setup

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

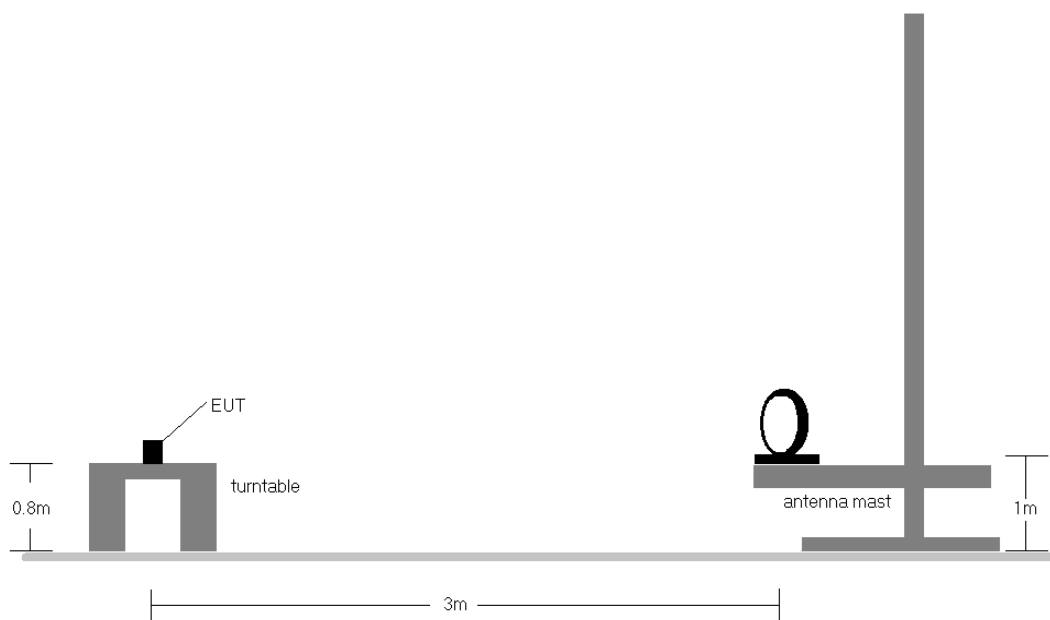


Figure 7-9. Radiated Test Setup < 30MHz

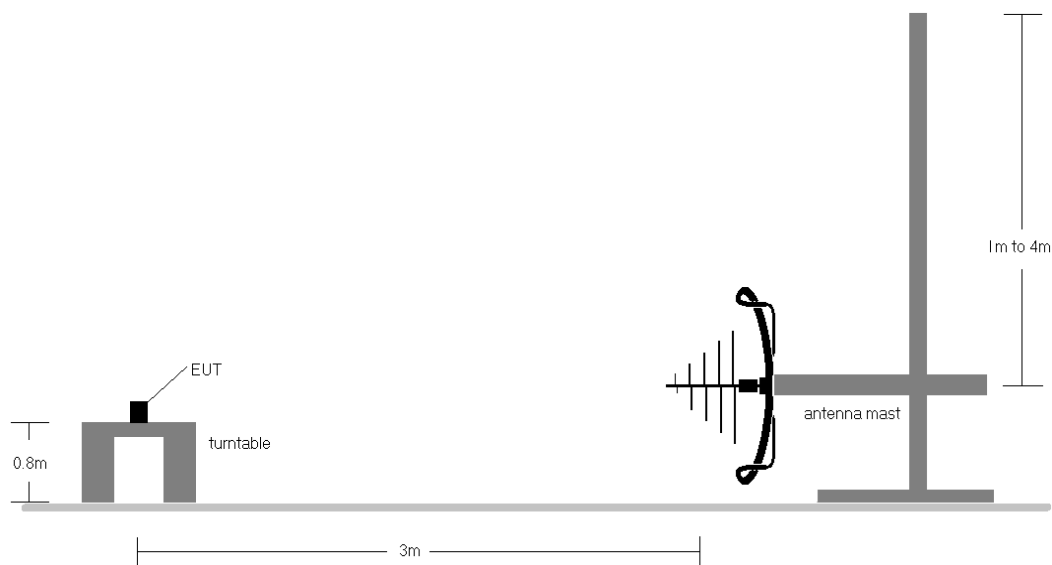


Figure 7-10. Radiated Test Setup < 1GHz

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Test Notes

1. All emissions lying in restricted bands specified in §15.205 and RSS-Gen (8.10) are below the limit shown in Table 7-28.
2. The broadband receive antenna is manipulated through vertical and horizontal polarizations during the tests. The EUT is manipulated through three orthogonal planes. For below 30MHz the loop antenna was positioned in 3 orthogonal planes (X front, Y side, Z top) to determine the orientation resulting in the worst case emissions.
3. This unit was tested with its standard battery.
4. The spectrum is investigated using a peak detector and final measurements are recorded using CISPR quasi peak detector for emissions within 6dB of the limit.
5. Emissions were measured at a 3 meter test distance.
6. Emissions are investigated while operating on the center channel of the mode, band, and modulation that produced the worst case results during the transmitter spurious emissions testing.
7. No spurious emissions were detected within 20dB of the limit below 30MHz.
8. The results recorded using the broadband antenna are known to correlate with the results obtained by using a tuned dipole with an acceptable degree of accuracy. The VSWR for the measurement antenna was found to be less than 2:1.
9. All supported modulation and power schemes have been tested on the unit and only worst case configuration is reported.
10. Both configurations below were investigated, and the worst case has been reported.
 - a. EUT powered by AC/DC adaptor
 - b. EUT powered by host PC via USB-C cable with wire charger
11. The unit was tested with all possible modes and only the highest emission is reported.

Sample Calculations

Determining Spurious Emissions Levels

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

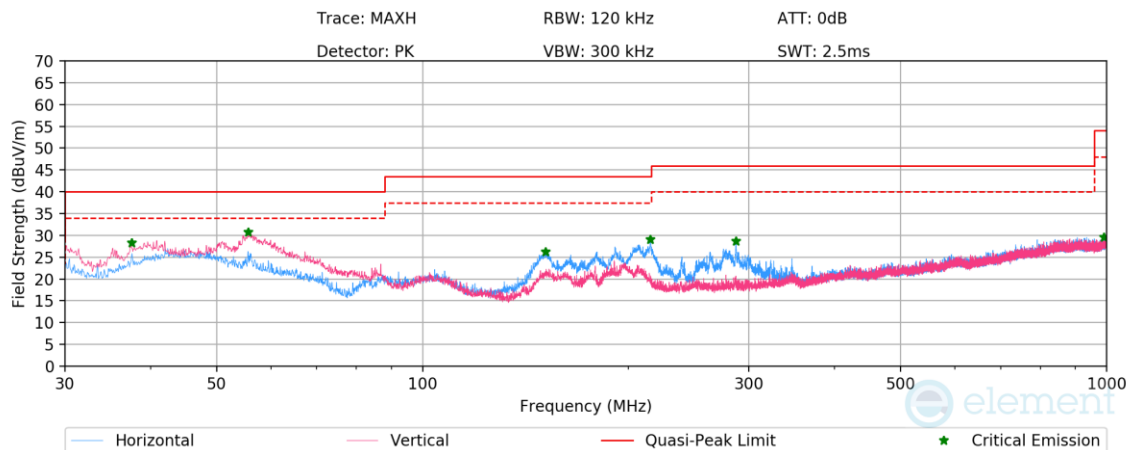
FCC ID: BCGA3459 IC: 579C-A3459		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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7.9.1 Radiated Spurious Emissions (Below 1GHz)

\$15.209

TxBF



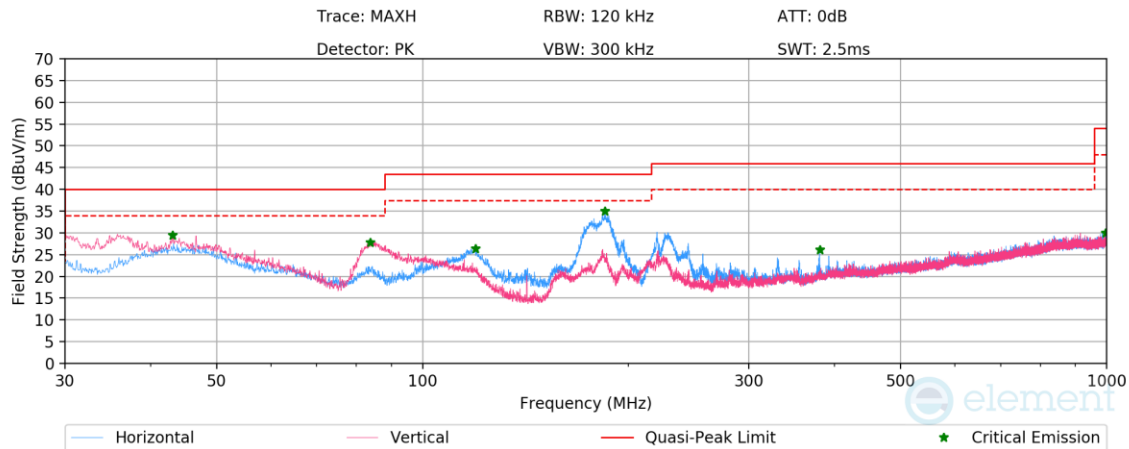
Plot 7-290. Radiated Spurious Emissions Below 1GHz TxBF (NB UNII BDR ePA – 6263MHz), with AC/DC adaptor

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
37.53	Max-Peak	V	100	-	-61.04	-17.60	28.36	40.00	-11.64
55.53	Max-Peak	V	100	-	-60.54	-15.67	30.79	40.00	-9.21
151.29	Max-Peak	H	200	-	-59.78	-21.02	26.20	43.50	-17.30
215.31	Max-Peak	H	100	-	-60.10	-17.88	29.02	43.50	-14.48
287.24	Max-Peak	H	100	-	-62.74	-15.61	28.66	46.00	-17.34
991.09	Max-Peak	H	200	-	-73.68	-3.68	29.64	54.00	-24.36

Table 7-29. Radiated Spurious Emissions Below 1GHz TxBF (NB UNII BDR ePA – 6263MHz), with AC/DC adaptor

FCC ID: BCGA3459 IC: 579C-A3459		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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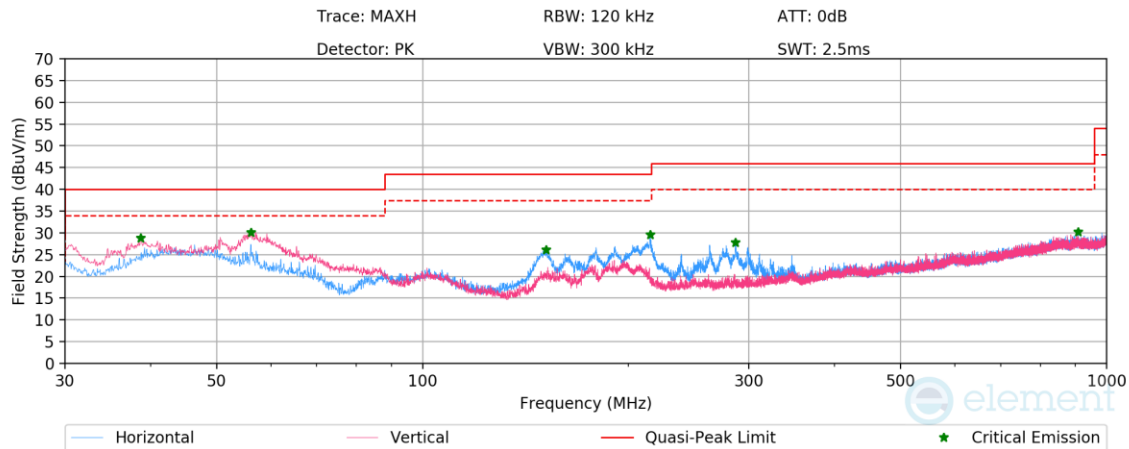
Plot 7-291. Radiated Spurious Emissions Below 1GHz Tx BF (NB UNII HDR4 ePA – 6263MHz), with AC/DC adaptor

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]
43.05	Max-Peak	V	100	-	-61.97	-15.54	29.48	40.00	-10.52
83.79	Max-Peak	V	100	-	-57.73	-21.46	27.81	40.00	-12.19
119.37	Max-Peak	H	200	-	-61.03	-19.55	26.42	43.50	-17.08
184.59	Max-Peak	H	200	-	-52.90	-19.15	34.95	43.50	-8.55
380.54	Max-Peak	H	100	-	-67.65	-13.29	26.06	46.00	-19.94
995.89	Max-Peak	H	300	-	-73.44	-3.53	30.04	54.00	-23.96

Table 7-30. Radiated Spurious Emissions Below 1GHz Tx BF (NB UNII HDR4 ePA – 6263MHz), with AC/DC adaptor

FCC ID: BCGA3459 IC: 579C-A3459		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-292. Radiated Spurious Emissions Below 1GHz TxBF (NB UNII LE1M ePA – 6263MHz), with AC/DC adaptor

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]
38.67	Max-Peak	V	100	-	-61.07	-17.17	28.76	40.00	-11.24
56.13	Max-Peak	V	100	-	-61.09	-15.79	30.12	40.00	-9.88
151.53	Max-Peak	H	200	-	-59.82	-21.01	26.17	43.50	-17.33
215.13	Max-Peak	H	100	-	-59.49	-17.90	29.60	43.50	-13.90
286.76	Max-Peak	H	100	-	-63.55	-15.65	27.80	46.00	-18.20
908.35	Max-Peak	H	200	-	-72.82	-3.96	30.22	46.00	-15.78

Table 7-31. Radiated Spurious Emissions Below 1GHz TxBF (NB UNII LE1M ePA – 6263MHz), with AC/DC adaptor

FCC ID: BCGA3459 IC: 579C-A3459		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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7.10 AC Line Conducted Emissions Measurement

§15.207; RSS-Gen[8.8]

Test Overview and Limit

All AC line conducted emissions are measured with a receiver connected to a grounded LISN while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates and modes were investigated for AC Line conducted emissions. All data rates and modes were investigated for AC Line conducted emissions.

All conducted emissions must not exceed the limits shown in the table below, per Section 15.207 and RSS-Gen (8.8).

Frequency of emission (MHz)	Conducted Limit (dB μ V)	
	Quasi-peak	Average
0.15 – 0.5	66 to 56*	56 to 46*
0.5 – 5	56	46
5 – 30	60	50

Table 7-32. Conducted Limits

*Decreases with the logarithm of the frequency.

Test Procedures Used

ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024, Subclause 6.2

Test Settings

Quasi-Peak Measurements

1. Analyzer center frequency was set to the frequency of the spurious emission of interest
2. RBW = 9kHz (for emissions from 150kHz – 30MHz)
3. Detector = quasi-peak
4. Sweep time = auto couple
5. Trace mode = max hold
6. Trace was allowed to stabilize

Average Measurements

1. Analyzer center frequency was set to the frequency of the spurious emission of interest
2. RBW = 9kHz (for emissions from 150kHz – 30MHz)
3. Detector = RMS
4. Sweep time = auto couple
5. Trace mode = max hold
6. Trace was allowed to stabilize

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Test Setup

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

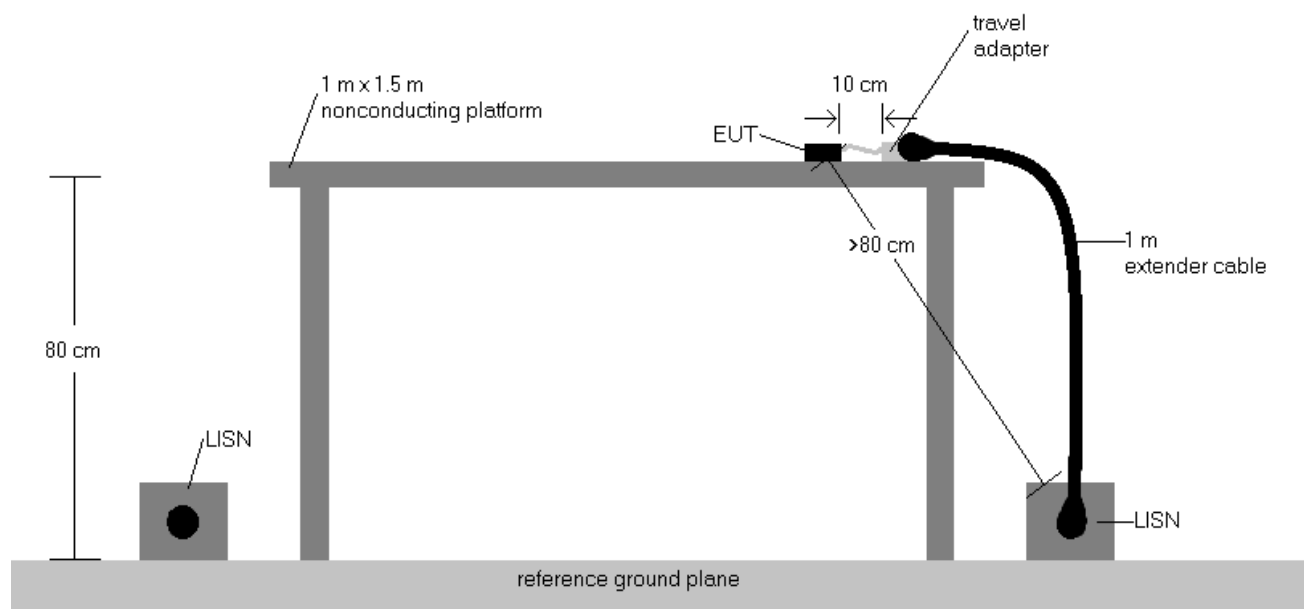


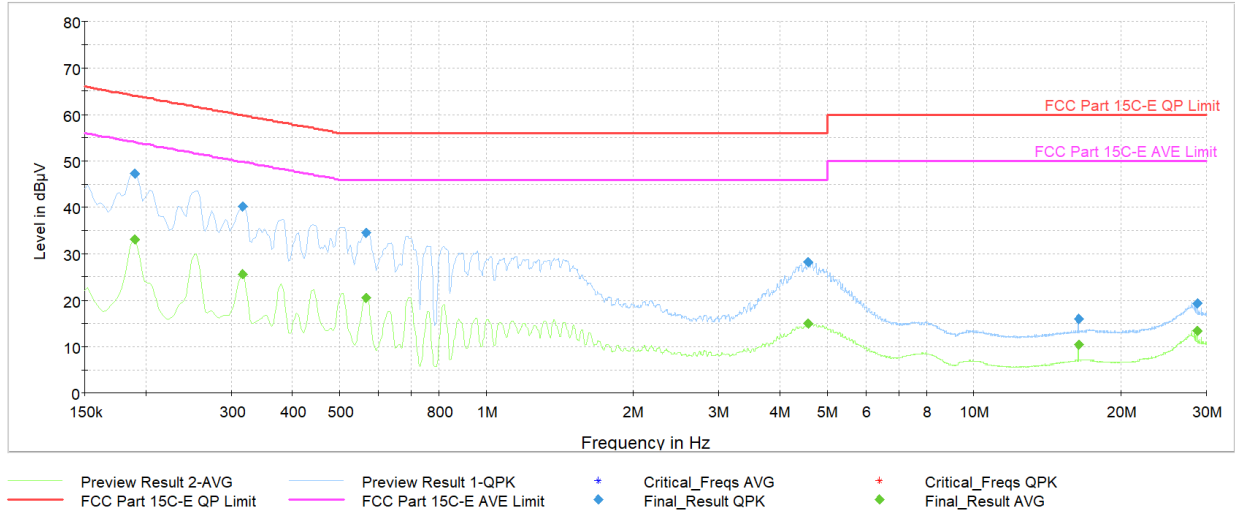
Figure 7-11. Test Instrument & Measurement Setup

Test Notes

1. All modes of operation were investigated, and the worst-case emissions are reported. The emissions found were not affected by the choice of channel used during testing.
2. Both configurations below were investigated, and the worst case has been reported.
 - a. EUT powered by AC/DC adaptor
 - b. EUT powered by host PC via USB-C cable with wire charger
3. The limit for an intentional radiator from 150kHz to 30MHz is specified in 15.207 and RSS-Gen (8.8).
4. $\text{Corr. (dB)} = \text{Cable loss (dB)} + \text{LISN insertion factor (dB)}$
5. $\text{QP/AV Level (dB}\mu\text{V)} = \text{QP/AV Analyzer/Receiver Level (dB}\mu\text{V)} + \text{Correction Factor (dB)}$
6. $\text{Margin (dB)} = \text{QP/AV Level (dB}\mu\text{V)} - \text{QP/AV Limit (dB}\mu\text{V)}$
7. Traces shown in plots are made using quasi-peak and average detectors.
8. Deviations to the Specifications: None.
9. The unit was tested with all possible modes and only the highest emission is reported.

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Plot 7-293. AC Line Conducted Plot TxBF (NB UNII BDR ePA – 6263MHz) (L1) with AC/DC adaptor

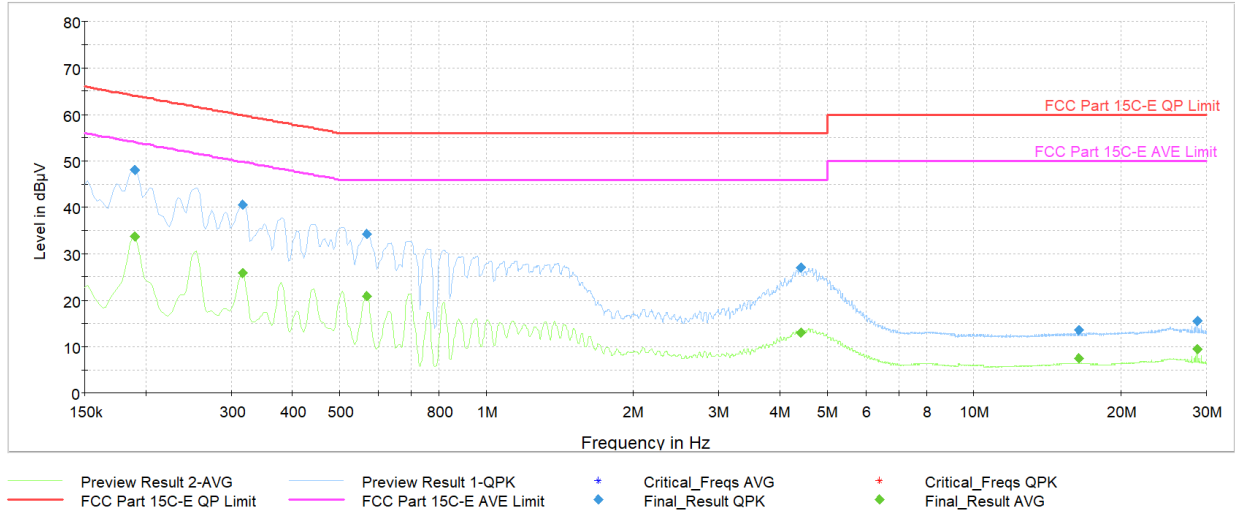
Frequency [MHz]	Process State	QuasiPeak [dBμV]	Average [dBμV]	Limit [dBμV]	Margin [dB]	Line	PE
0.191	FINAL	—	33.05	54.02	-20.97	L1	GND
0.191	FINAL	47.2	—	64.02	-16.81	L1	GND
0.317	FINAL	—	25.70	49.80	-24.09	L1	GND
0.317	FINAL	40.2	—	59.80	-19.60	L1	GND
0.566	FINAL	—	20.47	46.00	-25.53	L1	GND
0.566	FINAL	34.5	—	56.00	-21.50	L1	GND
4.576	FINAL	28.1	—	56.00	-27.90	L1	GND
4.576	FINAL	—	15.00	46.00	-31.00	L1	GND
16.366	FINAL	15.9	—	60.00	-44.14	L1	GND
16.366	FINAL	—	10.44	50.00	-39.56	L1	GND
28.687	FINAL	—	13.42	50.00	-36.58	L1	GND
28.687	FINAL	19.4	—	60.00	-40.64	L1	GND

Table 7-33. AC Line Conducted Data TxBF (NB UNII BDR ePA – 6263MHz) (L1) with AC/DC adaptor

FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Plot 7-294. AC Line Conducted Plot TxBF (NB UNII BDR ePA – 6263MHz) (N) with AC/DC adaptor

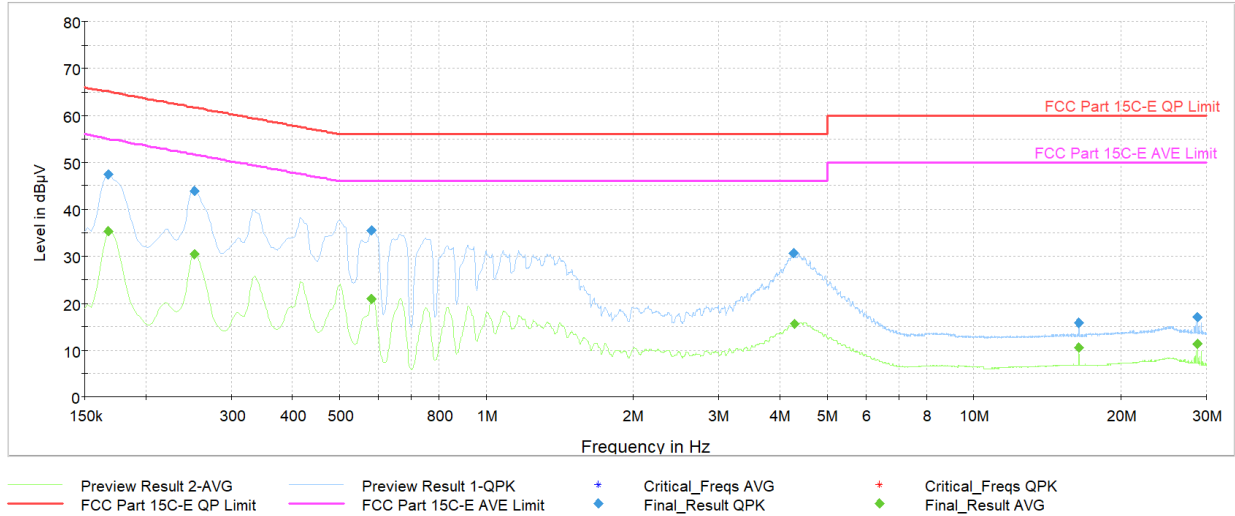
Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.191	FINAL	—	33.71	54.02	-20.30	N	GND
0.191	FINAL	48.0	—	64.02	-16.03	N	GND
0.317	FINAL	—	25.83	49.80	-23.97	N	GND
0.317	FINAL	40.5	—	59.80	-19.26	N	GND
0.569	FINAL	—	20.80	46.00	-25.20	N	GND
0.569	FINAL	34.3	—	56.00	-21.73	N	GND
4.421	FINAL	27.1	—	56.00	-28.92	N	GND
4.421	FINAL	—	13.10	46.00	-32.90	N	GND
16.368	FINAL	13.7	—	60.00	-46.33	N	GND
16.368	FINAL	—	7.57	50.00	-42.43	N	GND
28.687	FINAL	—	9.40	50.00	-40.60	N	GND
28.687	FINAL	15.6	—	60.00	-44.45	N	GND

Table 7-34. AC Line Conducted Data TxBF (NB UNII BDR ePA – 6263MHz) (N) with AC/DC adaptor

FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Plot 7-295. AC Line Conducted Plot TxBF (NB UNII HDR4 ePA – 6263MHz) (L1) with AC/DC adaptor

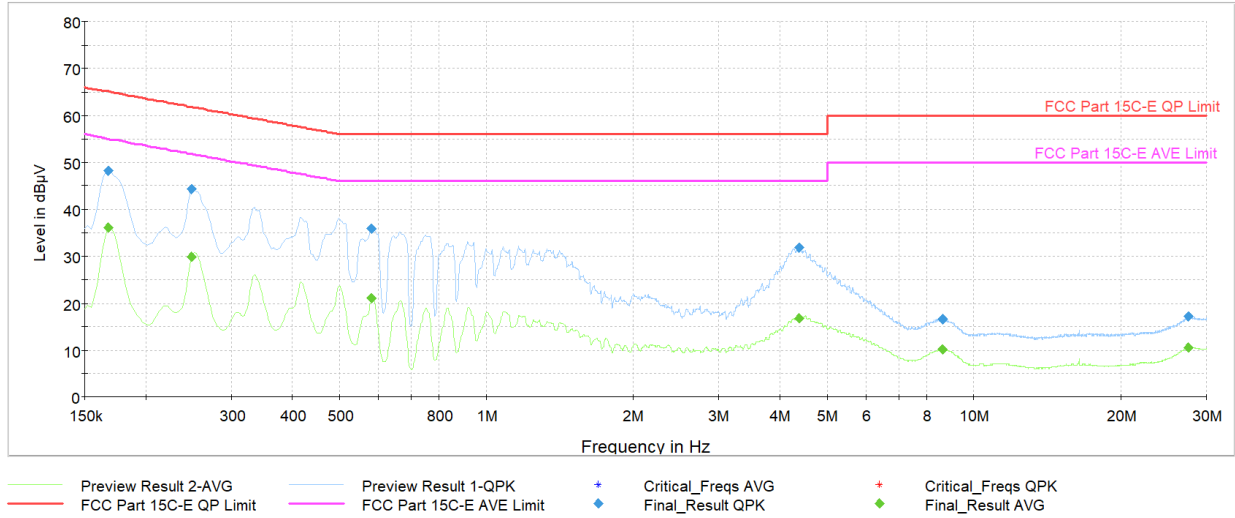
Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.168	FINAL	—	35.39	55.06	-19.67	L1	GND
0.168	FINAL	47.3	—	65.06	-17.73	L1	GND
0.251	FINAL	—	30.53	51.72	-21.19	L1	GND
0.251	FINAL	43.9	—	61.72	-17.79	L1	GND
0.582	FINAL	—	20.84	46.00	-25.16	L1	GND
0.582	FINAL	35.6	—	56.00	-20.42	L1	GND
4.270	FINAL	30.6	—	56.00	-25.42	L1	GND
4.279	FINAL	—	15.68	46.00	-30.32	L1	GND
16.431	FINAL	15.9	—	60.00	-44.13	L1	GND
16.431	FINAL	—	10.53	50.00	-39.47	L1	GND
28.687	FINAL	—	11.27	50.00	-38.73	L1	GND
28.687	FINAL	17.0	—	60.00	-43.00	L1	GND

Table 7-35. AC Line Conducted Data TxBF (NB UNII HDR4 ePA – 6263MHz) (L1) with AC/DC adaptor

FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Plot 7-296. AC Line Conducted Plot TxBF (NB UNII HDR4 ePA – 6263MHz) (N) with AC/DC adaptor

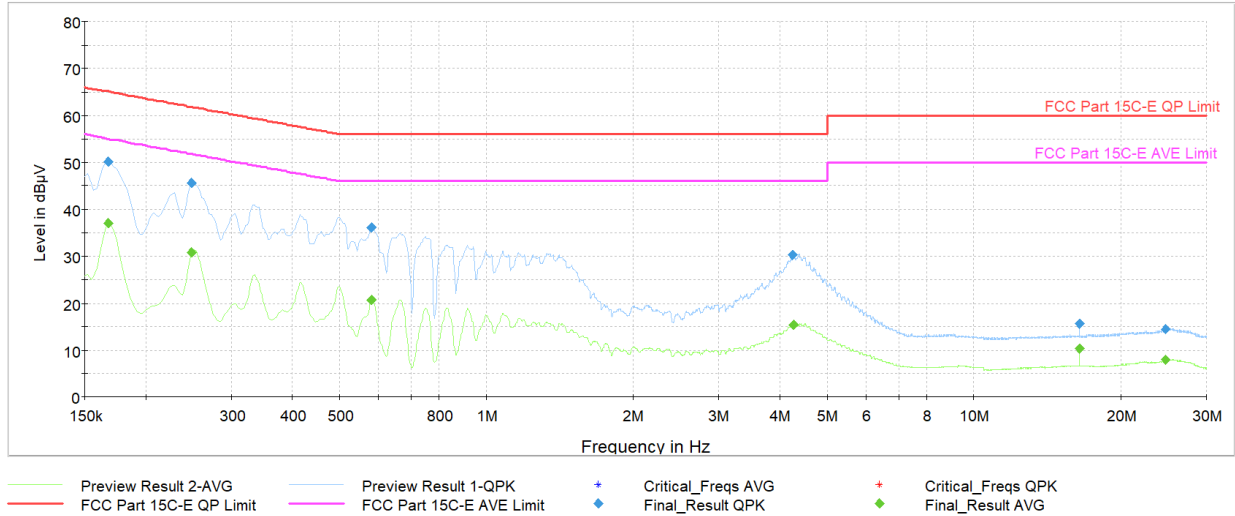
Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.168	FINAL	—	36.11	55.06	-18.95	N	GND
0.168	FINAL	48.2	—	65.06	-16.87	N	GND
0.249	FINAL	—	29.87	51.79	-21.92	N	GND
0.249	FINAL	44.2	—	61.79	-17.57	N	GND
0.582	FINAL	36.0	—	56.00	-20.02	N	GND
0.582	FINAL	—	20.99	46.00	-25.01	N	GND
4.376	FINAL	—	16.70	46.00	-29.30	N	GND
4.380	FINAL	31.8	—	56.00	-24.18	N	GND
8.628	FINAL	—	10.12	50.00	-39.88	N	GND
8.635	FINAL	16.5	—	60.00	-43.50	N	GND
27.501	FINAL	—	10.46	50.00	-39.54	N	GND
27.506	FINAL	17.2	—	60.00	-42.85	N	GND

Table 7-36. AC Line Conducted Data TxBF (NB UNII HDR4 ePA – 6263MHz) (N) with AC/DC adaptor

FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Plot 7-297. AC Line Conducted Plot TxBF (NB UNII LE1M ePA – 6263MHz) (L1) with AC/DC adaptor

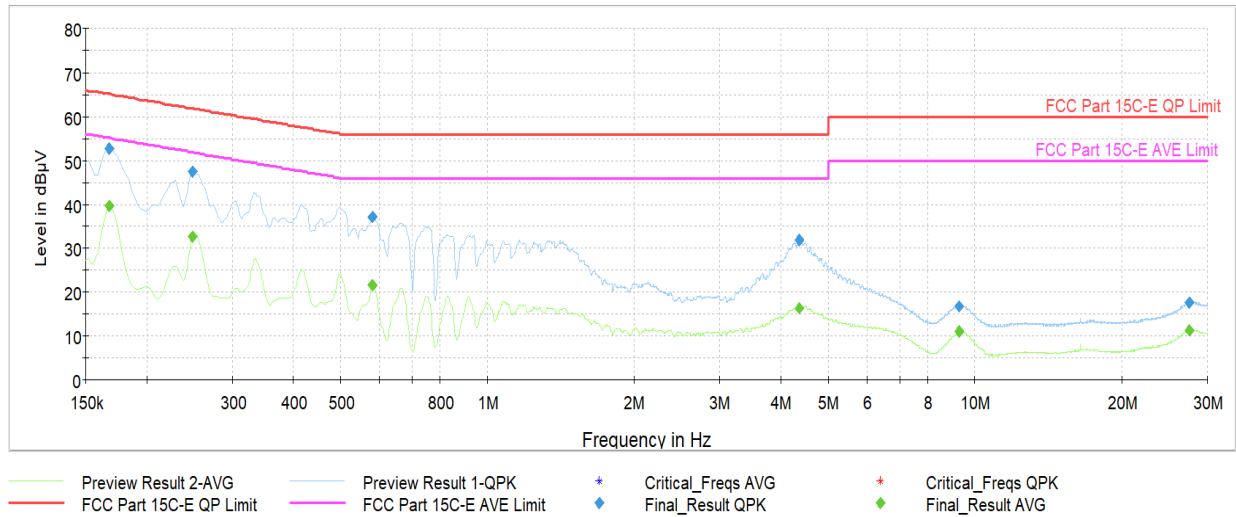
Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.168	FINAL	—	37.03	55.06	-18.03	L1	GND
0.168	FINAL	50.1	—	65.06	-14.93	L1	GND
0.249	FINAL	—	30.78	51.79	-21.01	L1	GND
0.249	FINAL	45.6	—	61.79	-16.17	L1	GND
0.582	FINAL	—	20.72	46.00	-25.28	L1	GND
0.582	FINAL	36.1	—	56.00	-19.92	L1	GND
4.256	FINAL	30.3	—	56.00	-25.66	L1	GND
4.263	FINAL	—	15.38	46.00	-30.62	L1	GND
16.458	FINAL	15.7	—	60.00	-44.35	L1	GND
16.458	FINAL	—	10.43	50.00	-39.57	L1	GND
24.684	FINAL	—	7.99	50.00	-42.01	L1	GND
24.684	FINAL	14.5	—	60.00	-45.47	L1	GND

Table 7-37. AC Line Conducted Data TxBF (NB UNII LE1M ePA – 6263MHz) (L1) with AC/DC adaptor

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Plot 7-298. AC Line Conducted Plot TxBF (NB UNII LE1M ePA – 6263MHz) (N) with AC/DC adaptor

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.168	FINAL	—	39.52	55.06	-15.54	N	GND
0.168	FINAL	52.6	—	65.06	-12.49	N	GND
0.249	FINAL	—	32.57	51.79	-19.22	N	GND
0.249	FINAL	47.5	—	61.79	-14.32	N	GND
0.582	FINAL	—	21.56	46.00	-24.44	N	GND
0.582	FINAL	37.0	—	56.00	-19.00	N	GND
4.367	FINAL	—	16.40	46.00	-29.60	N	GND
4.369	FINAL	31.8	—	56.00	-24.24	N	GND
9.278	FINAL	16.8	—	60.00	-43.20	N	GND
9.287	FINAL	—	10.91	50.00	-39.09	N	GND
27.553	FINAL	17.7	—	60.00	-42.35	N	GND
27.569	FINAL	—	11.31	50.00	-38.69	N	GND

Table 7-38. AC Line Conducted Data TxBF (NB UNII LE1M ePA – 6263MHz) (N) with AC/DC adaptor

FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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8.0 CONCLUSION

The data collected relate only the item(s) tested and show that the **Apple Tablet Device FCC ID: BCGA3459** and **IC: 579C-A3459** is in compliance with Part 15 Subpart E (15.407) of the FCC Rules and RSS-248 of the Innovation, Science and Economic Development Canada Rules.

FCC ID: BCGA3459 IC: 579C-A3459		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100079-11-R4.BCG	Test Dates: 09/18/2025 - 12/23/2025	EUT Type: Tablet Device	Page 209 of 209

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