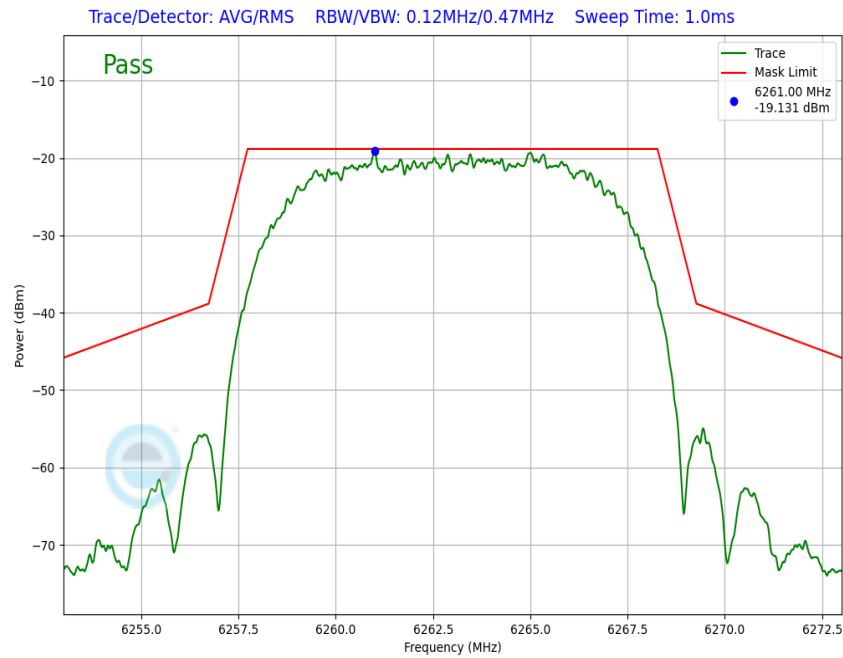
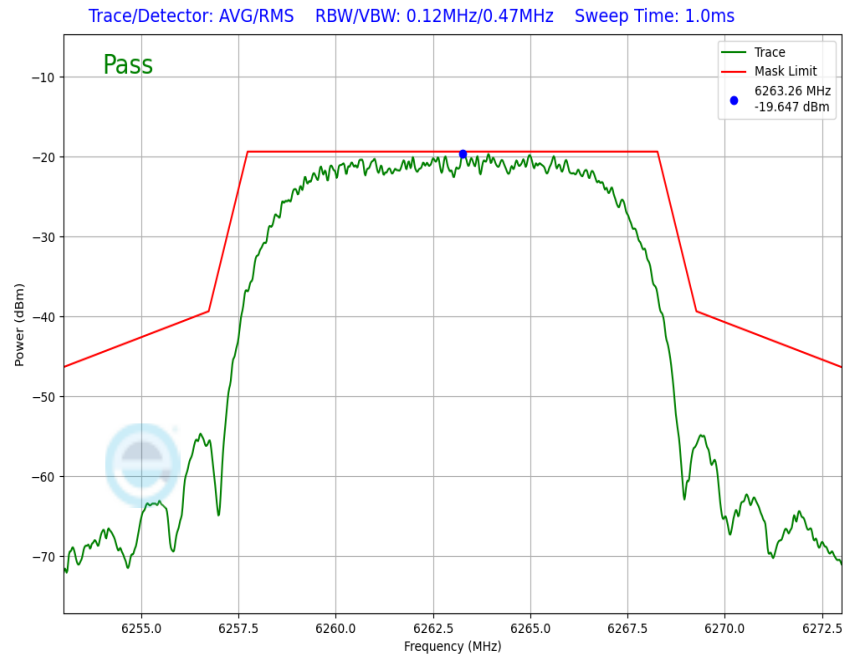




Plot 7-175. In-Band Emission Antenna WF7a (NB UNII HDRPL32, ePA – 6263MHz)

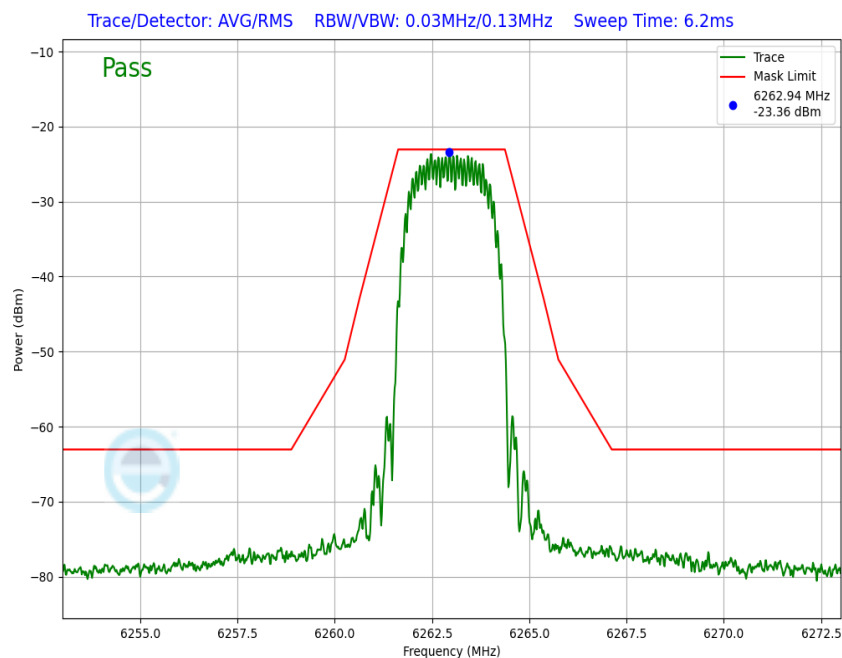


Plot 7-176. In-Band Emission Antenna WF7a (NB UNII HDRPL32, iPA – 6263MHz)

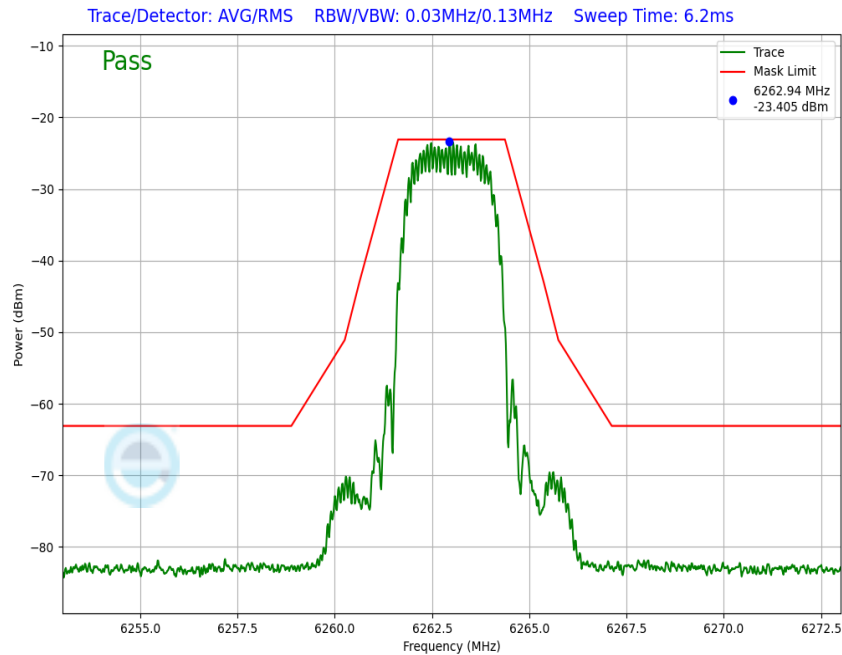
FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100079-11-R4.BCG	Test Dates: 09/18/2025 - 12/23/2025	EUT Type: Tablet Device	Page 124 of 209

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Plot 7-177. In-Band Emission Antenna WF7a (NB UNII HDT2, ePA – 6263MHz)

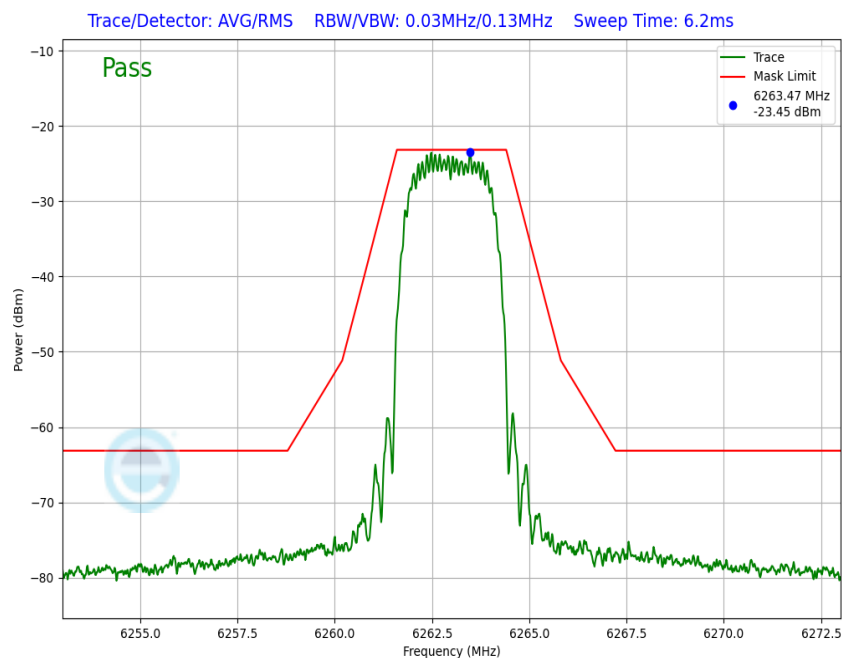


Plot 7-178. In-Band Emission Antenna WF7a (NB UNII HDT2, iPA – 6263MHz)

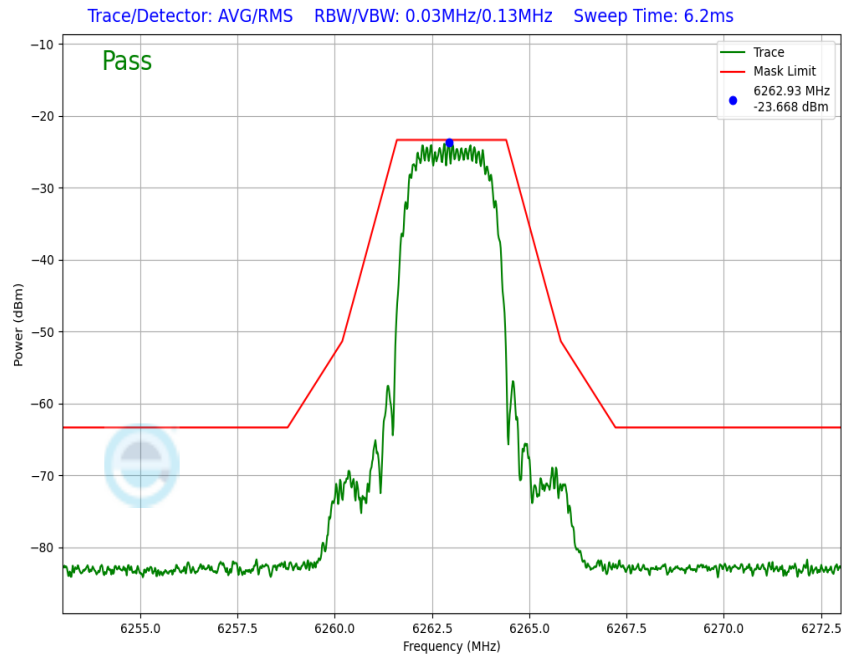
FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100079-11-R4.BCG	Test Dates: 09/18/2025 - 12/23/2025	EUT Type: Tablet Device	Page 125 of 209

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Plot 7-179. In-Band Emission Antenna WF7a (NB UNII HDT4, ePA – 6263MHz)

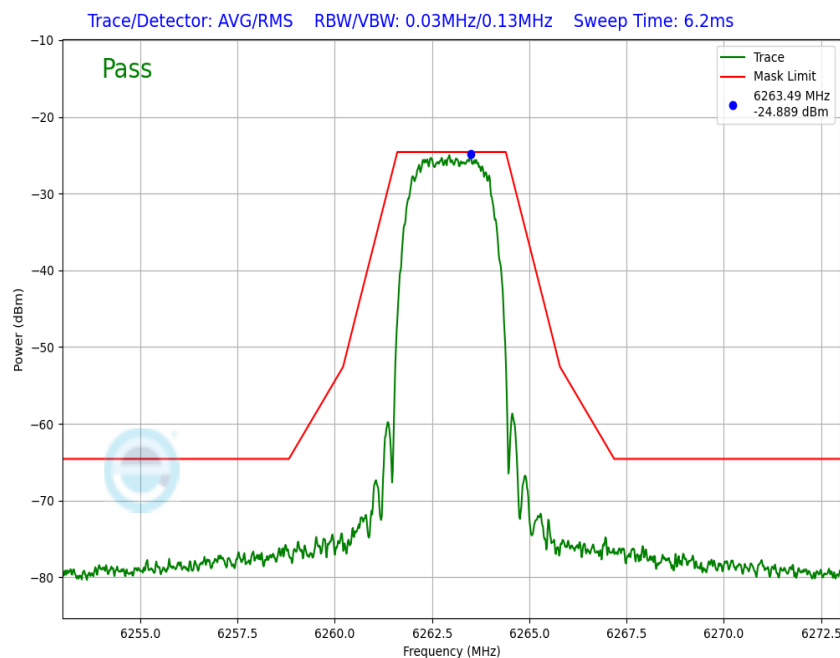


Plot 7-180. In-Band Emission Antenna WF7a (NB UNII HDT4, iPA – 6263MHz)

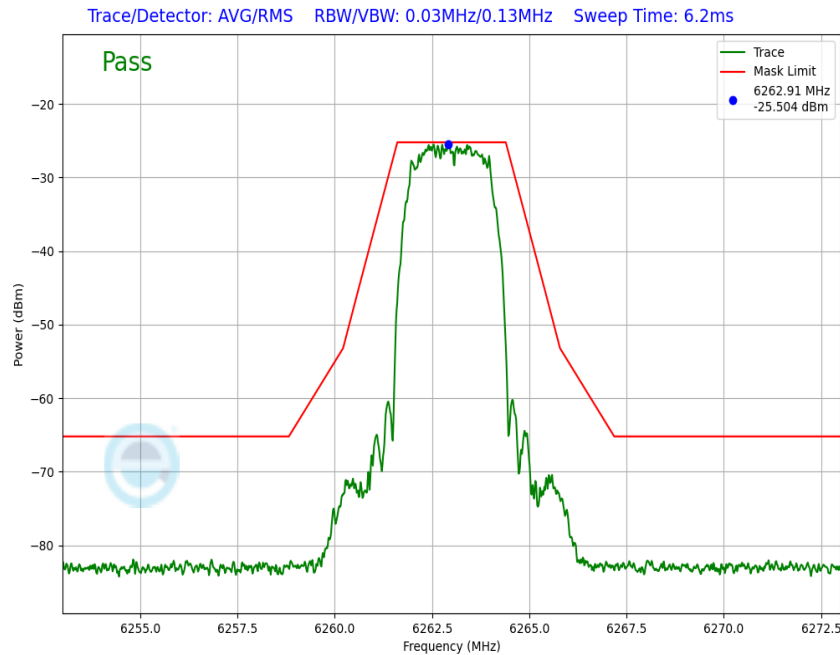
FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100079-11-R4.BCG	Test Dates: 09/18/2025 - 12/23/2025	EUT Type: Tablet Device	Page 126 of 209

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Plot 7-181. In-Band Emission Antenna WF7a (NB UNII HDT6, ePA – 6263MHz)



Plot 7-182. In-Band Emission Antenna WF7a (NB UNII HDT6, iPA – 6263MHz)

FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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7.5.3 TxBF In-Band Emission Measurements (U-NII-5)

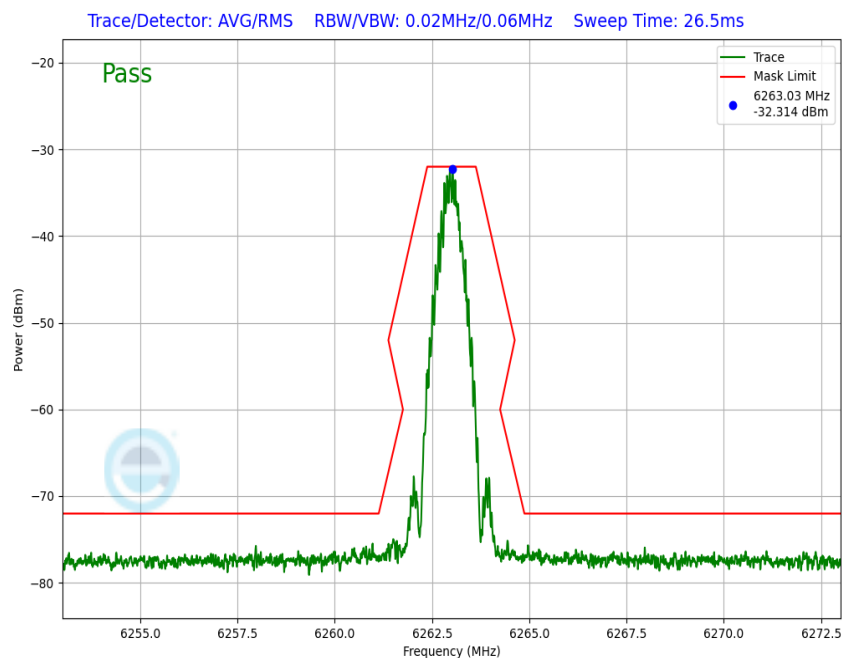
Frequency [MHz]	Data Rate [Mbps]	Mode	Power Scheme	Antenna WF8 In-Band Emission	Antenna WF7a In-Band Emission
6106	1.0	NB UNII BDR	ePA	Pass	Pass
6263	1.0	NB UNII BDR	ePA	Pass	Pass
6420	1.0	NB UNII BDR	ePA	Pass	Pass
6106	1.0	NB UNII BDR	iPA	Pass	Pass
6263	1.0	NB UNII BDR	iPA	Pass	Pass
6420	1.0	NB UNII BDR	iPA	Pass	Pass
6106	1.0	NB UNII LE1M	ePA	Pass	Pass
6263	1.0	NB UNII LE1M	ePA	Pass	Pass
6420	1.0	NB UNII LE1M	ePA	Pass	Pass
6106	1.0	NB UNII LE1M	iPA	Pass	Pass
6263	1.0	NB UNII LE1M	iPA	Pass	Pass
6420	1.0	NB UNII LE1M	iPA	Pass	Pass
6106	2.0	NB UNII LE2M	ePA	Pass	Pass
6263	2.0	NB UNII LE2M	ePA	Pass	Pass
6420	2.0	NB UNII LE2M	ePA	Pass	Pass
6106	2.0	NB UNII LE2M	iPA	Pass	Pass
6263	2.0	NB UNII LE2M	iPA	Pass	Pass
6420	2.0	NB UNII LE2M	iPA	Pass	Pass
6106	4.0	NB UNII HDR4	ePA	Pass	Pass
6263	4.0	NB UNII HDR4	ePA	Pass	Pass
6420	4.0	NB UNII HDR4	ePA	Pass	Pass
6106	4.0	NB UNII HDR4	iPA	Pass	Pass
6263	4.0	NB UNII HDR4	iPA	Pass	Pass
6420	4.0	NB UNII HDR4	iPA	Pass	Pass
6107	8.0	NB UNII HDR8	ePA	Pass	Pass
6263	8.0	NB UNII HDR8	ePA	Pass	Pass
6420	8.0	NB UNII HDR8	ePA	Pass	Pass
6107	8.0	NB UNII HDR8	iPA	Pass	Pass
6263	8.0	NB UNII HDR8	iPA	Pass	Pass
6420	8.0	NB UNII HDR8	iPA	Pass	Pass
6106	2.0	NB UNII HDRPS2	ePA	Pass	Pass
6263	2.0	NB UNII HDRPS2	ePA	Pass	Pass
6420	2.0	NB UNII HDRPS2	ePA	Pass	Pass
6106	2.0	NB UNII HDRPS2	iPA	Pass	Pass
6263	2.0	NB UNII HDRPS2	iPA	Pass	Pass
6420	2.0	NB UNII HDRPS2	iPA	Pass	Pass
6107	6.0	NB UNII XHDRPM6	ePA	Pass	Pass
6263	6.0	NB UNII XHDRPM6	ePA	Pass	Pass
6420	6.0	NB UNII XHDRPM6	ePA	Pass	Pass
6107	6.0	NB UNII XHDRPM6	iPA	Pass	Pass
6263	6.0	NB UNII XHDRPM6	iPA	Pass	Pass
6420	6.0	NB UNII XHDRPM6	iPA	Pass	Pass
6107	16.0	NB UNII HDRPM16	ePA	Pass	Pass
6263	16.0	NB UNII HDRPM16	ePA	Pass	Pass
6420	16.0	NB UNII HDRPM16	ePA	Pass	Pass
6107	16.0	NB UNII HDRPM16	iPA	Pass	Pass
6263	16.0	NB UNII HDRPM16	iPA	Pass	Pass
6420	16.0	NB UNII HDRPM16	iPA	Pass	Pass
6109	12.0	NB UNII HDRPL12	ePA	Pass	Pass
6263	12.0	NB UNII HDRPL12	ePA	Pass	Pass
6420	12.0	NB UNII HDRPL12	ePA	Pass	Pass
6109	12.0	NB UNII HDRPL12	iPA	Pass	Pass
6263	12.0	NB UNII HDRPL12	iPA	Pass	Pass
6420	12.0	NB UNII HDRPL12	iPA	Pass	Pass
6109	32.0	NB UNII HDRPL32	ePA	Pass	Pass
6263	32.0	NB UNII HDRPL32	ePA	Pass	Pass
6420	32.0	NB UNII HDRPL32	ePA	Pass	Pass
6109	32.0	NB UNII HDRPL32	iPA	Pass	Pass
6263	32.0	NB UNII HDRPL32	iPA	Pass	Pass
6420	32.0	NB UNII HDRPL32	iPA	Pass	Pass
6106	2.0	NB UNII HDT2	ePA	Pass	Pass
6263	2.0	NB UNII HDT2	ePA	Pass	Pass
6420	2.0	NB UNII HDT2	ePA	Pass	Pass
6106	2.0	NB UNII HDT2	iPA	Pass	Pass
6263	2.0	NB UNII HDT2	iPA	Pass	Pass
6420	2.0	NB UNII HDT2	iPA	Pass	Pass
6106	4.0	NB UNII HDT4	ePA	Pass	Pass
6263	4.0	NB UNII HDT4	ePA	Pass	Pass
6420	4.0	NB UNII HDT4	ePA	Pass	Pass
6106	4.0	NB UNII HDT4	iPA	Pass	Pass
6263	4.0	NB UNII HDT4	iPA	Pass	Pass
6420	4.0	NB UNII HDT4	iPA	Pass	Pass
6106	6.0	NB UNII HDT6	ePA	Pass	Pass
6263	6.0	NB UNII HDT6	ePA	Pass	Pass
6420	6.0	NB UNII HDT6	ePA	Pass	Pass
6106	6.0	NB UNII HDT6	iPA	Pass	Pass
6263	6.0	NB UNII HDT6	iPA	Pass	Pass
6420	6.0	NB UNII HDT6	iPA	Pass	Pass

Table 7-12. In-Band Emission Measurements TxBF

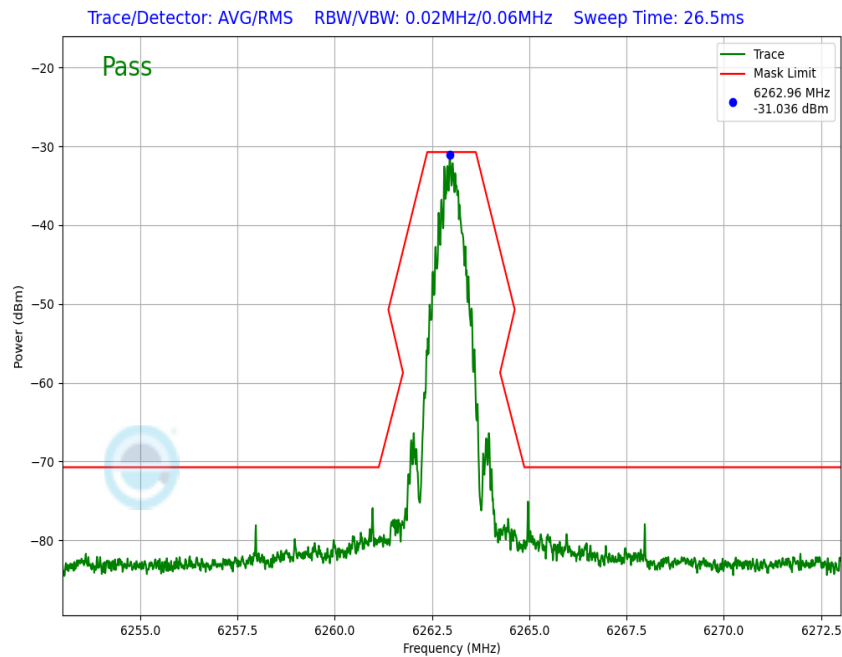
FCC ID: BCGA3459 IC: 579C-A3459		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100079-11-R4.BCG	Test Dates: 09/18/2025 - 12/23/2025	EUT Type: Tablet Device	Page 128 of 209

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Plot 7-183. In-Band Emission TxBF Antenna WF8 (NB UNII BDR, ePA – 6263MHz)

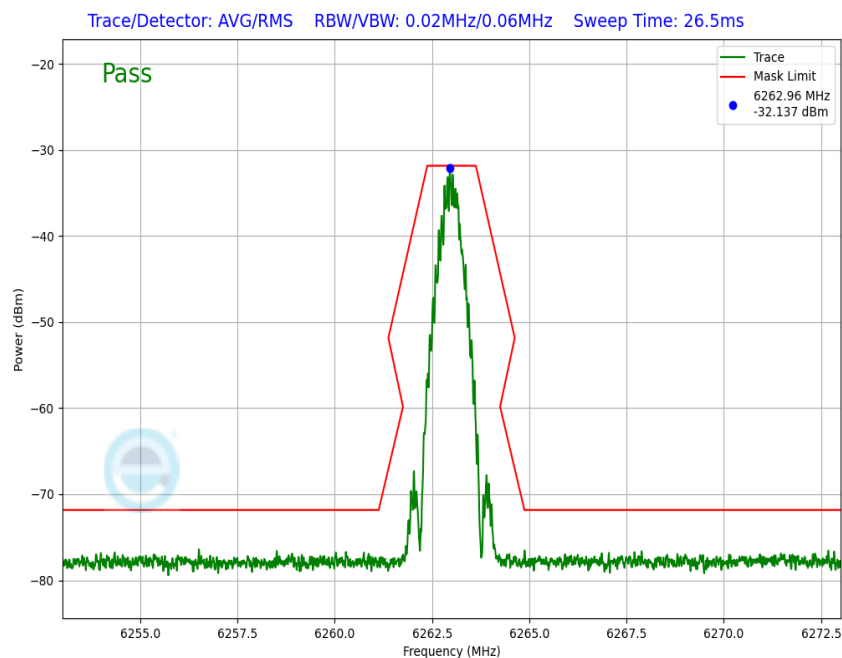


Plot 7-184. In-Band Emission TxBF Antenna WF7a (NB UNII BDR, ePA – 6263MHz)

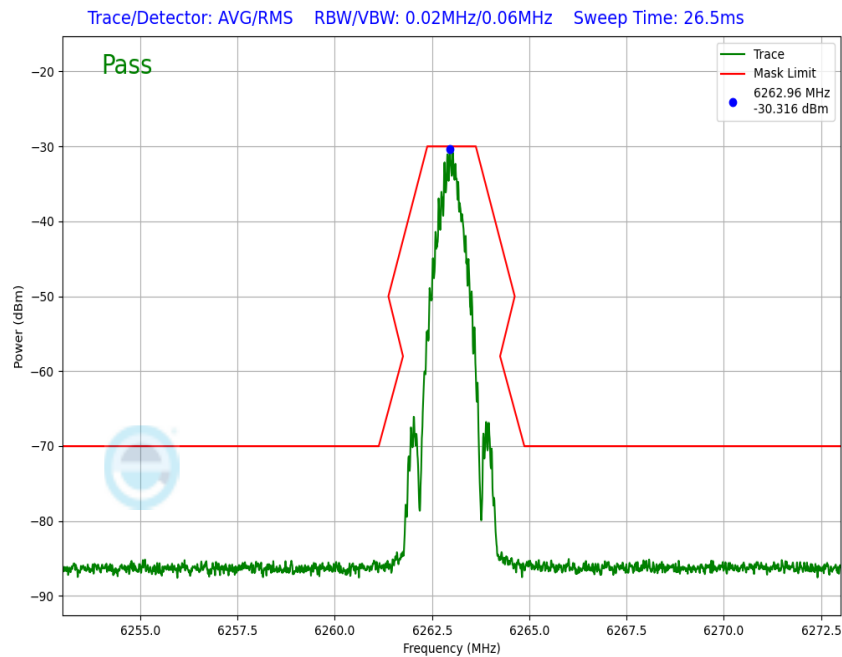
FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100079-11-R4.BCG	Test Dates: 09/18/2025 - 12/23/2025	EUT Type: Tablet Device	Page 129 of 209

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Plot 7-185. In-Band Emission TxBF Antenna WF8 (NB UNII BDR, iPA – 6263MHz)

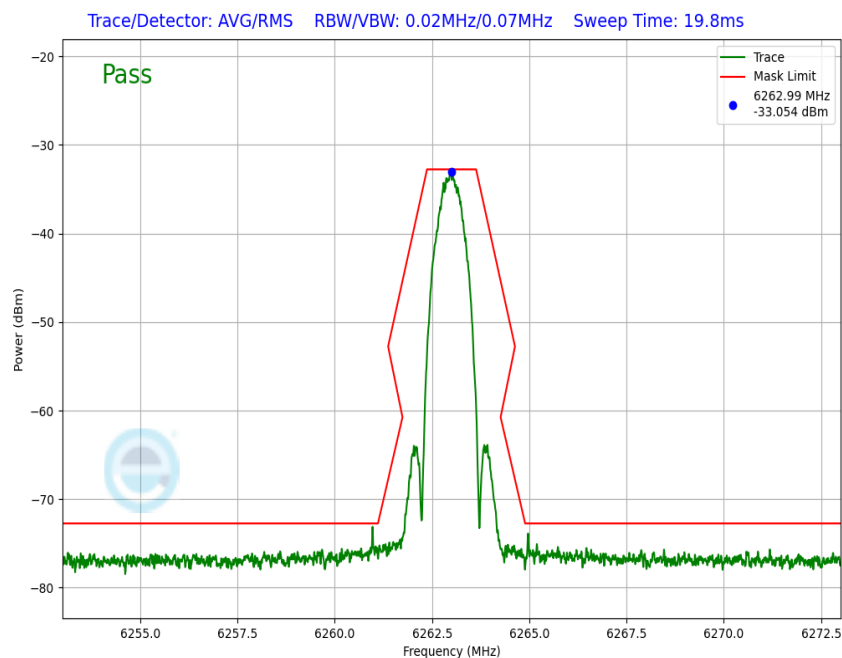


Plot 7-186. In-Band Emission TxBF Antenna WF7a (NB UNII BDR, iPA – 6263MHz)

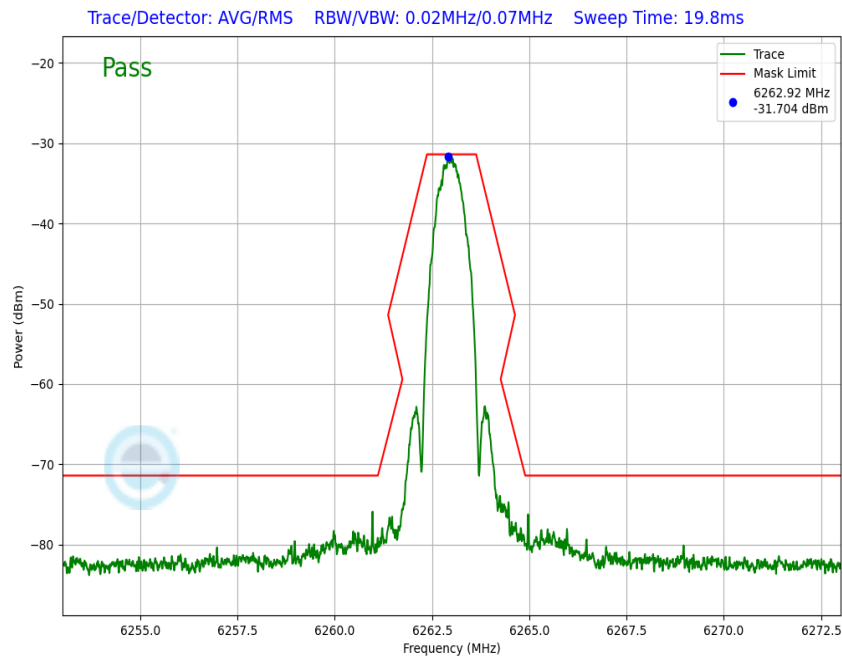
FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100079-11-R4.BCG	Test Dates: 09/18/2025 - 12/23/2025	EUT Type: Tablet Device	Page 130 of 209

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Plot 7-187. In-Band Emission TxBF Antenna WF8 (NB UNII LE1M, ePA – 6263MHz)

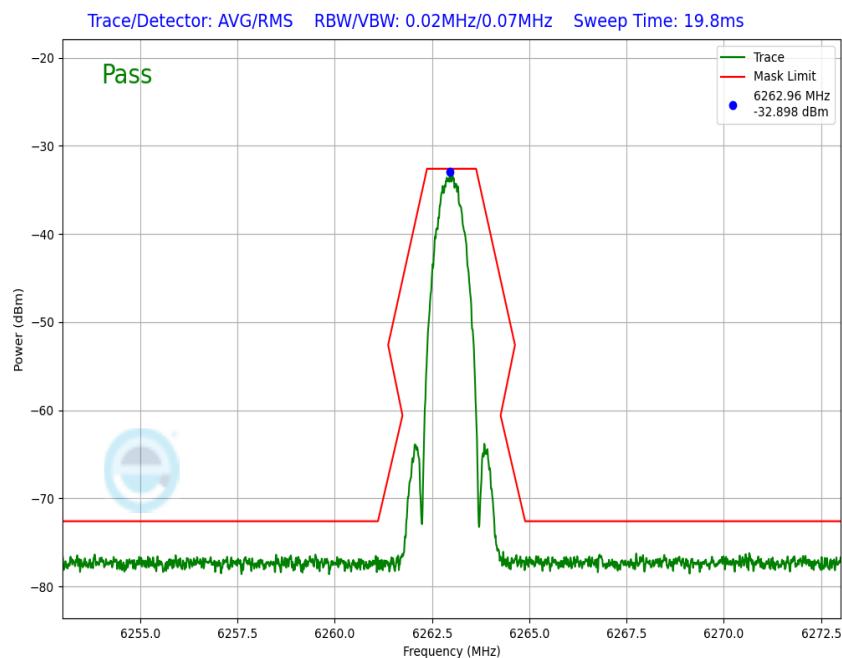


Plot 7-188. In-Band Emission TxBF Antenna WF7a (NB UNII LE1M, ePA – 6263MHz)

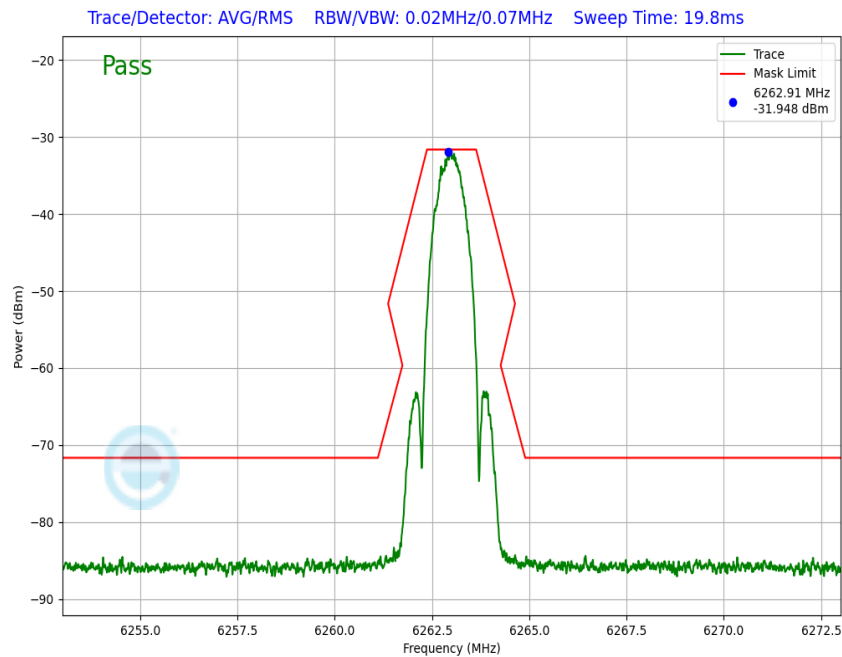
FCC ID: BCGA3459 IC: 579C-A3459		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100079-11-R4.BCG	Test Dates: 09/18/2025 - 12/23/2025	EUT Type: Tablet Device	Page 131 of 209

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Plot 7-189. In-Band Emission TxBF Antenna WF8 (NB UNII LE1M, iPA – 6263MHz)

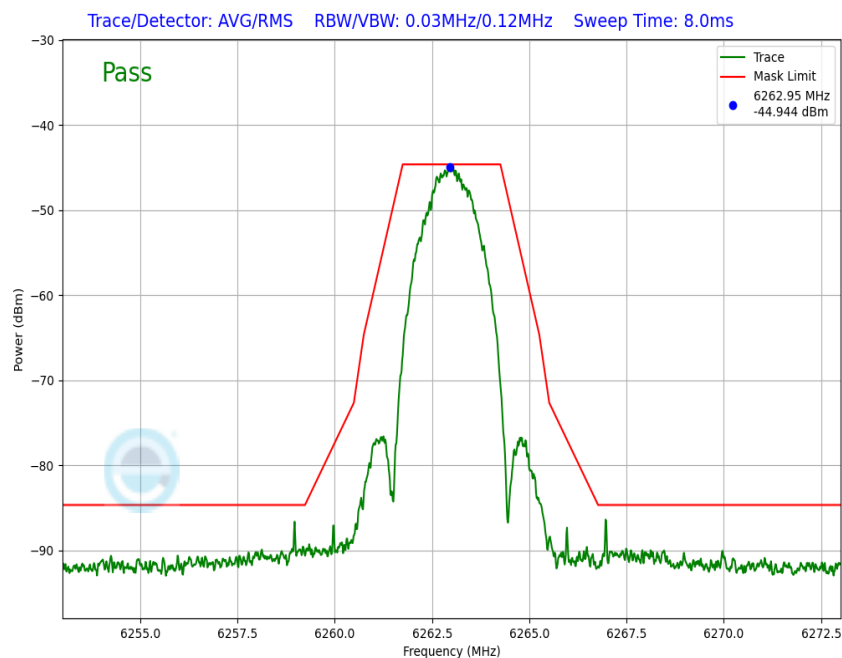


Plot 7-190. In-Band Emission TxBF Antenna WF7a (NB UNII LE1M, iPA – 6263MHz)

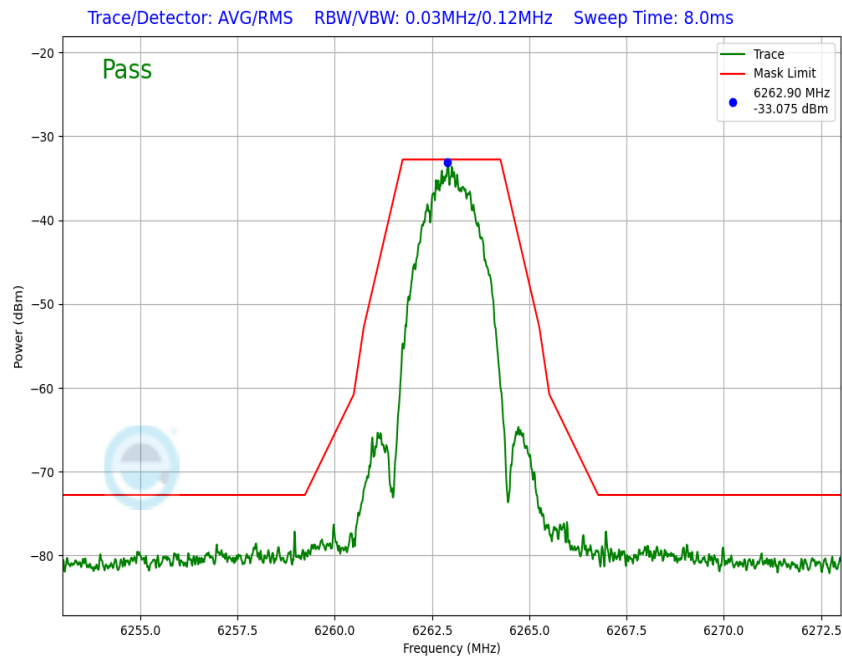
FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100079-11-R4.BCG	Test Dates: 09/18/2025 - 12/23/2025	EUT Type: Tablet Device	Page 132 of 209

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Plot 7-191. In-Band Emission TxBF Antenna WF8 (NB UNII LE2M, ePA – 6263MHz)

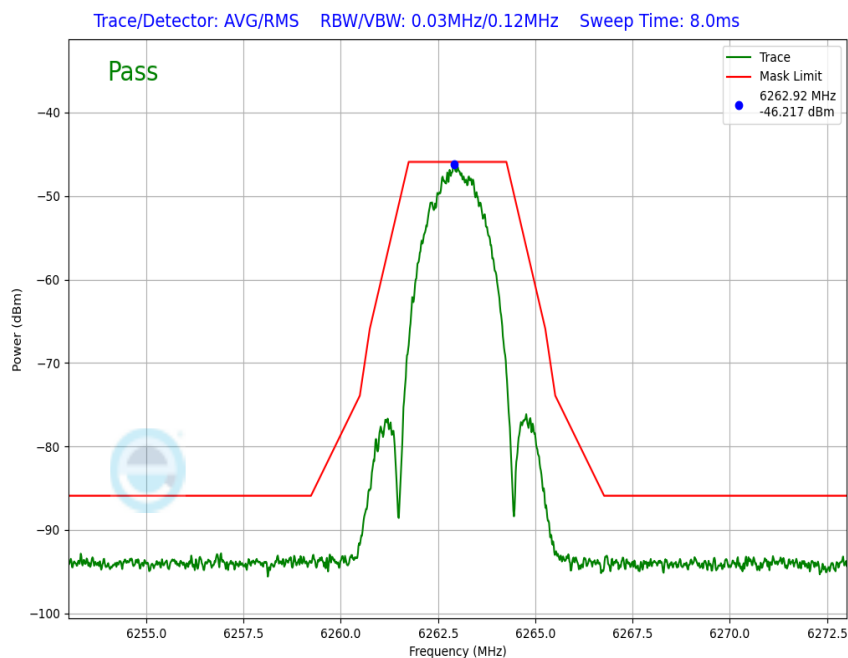


Plot 7-192. In-Band Emission TxBF Antenna WF7a (NB UNII LE2M, ePA – 6263MHz)

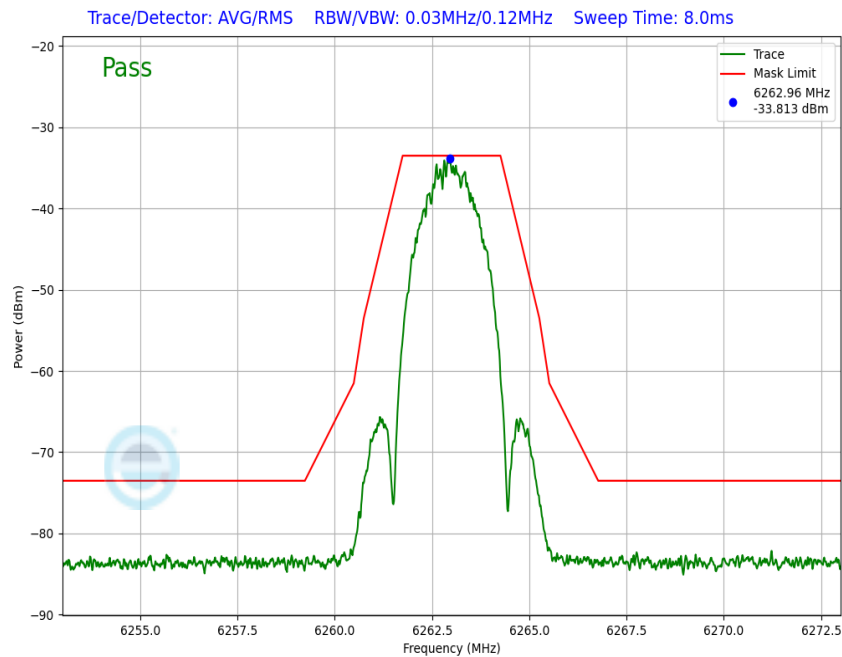
FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100079-11-R4.BCG	Test Dates: 09/18/2025 - 12/23/2025	EUT Type: Tablet Device	Page 133 of 209

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Plot 7-193. In-Band Emission TxBF Antenna WF8 (NB UNII LE2M, iPA – 6263MHz)

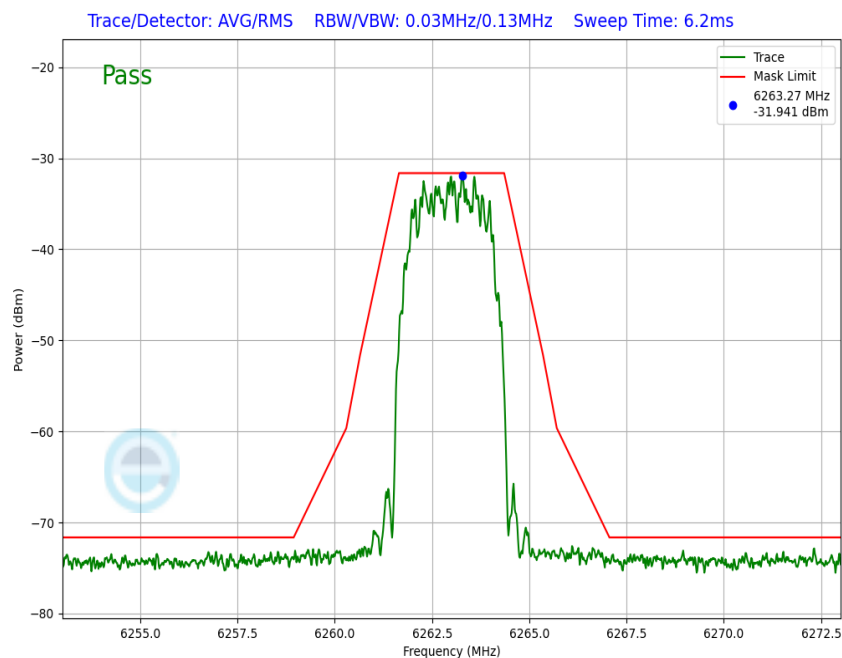


Plot 7-194. In-Band Emission TxBF Antenna WF7a (NB UNII LE2M, iPA – 6263MHz)

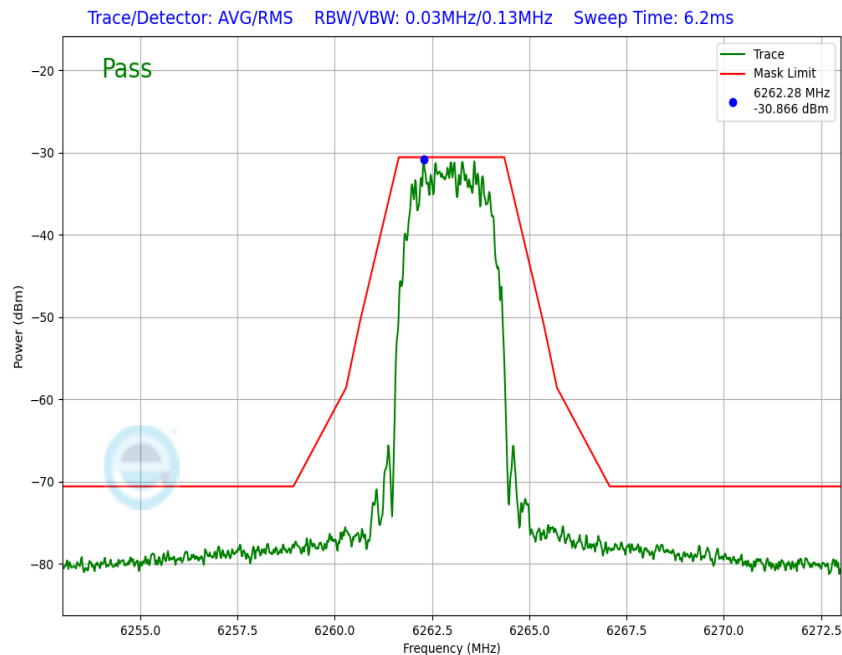
FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100079-11-R4.BCG	Test Dates: 09/18/2025 - 12/23/2025	EUT Type: Tablet Device	Page 134 of 209

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Plot 7-195. In-Band Emission TxBF Antenna WF8 (NB UNII HDR4, ePA – 6263MHz)

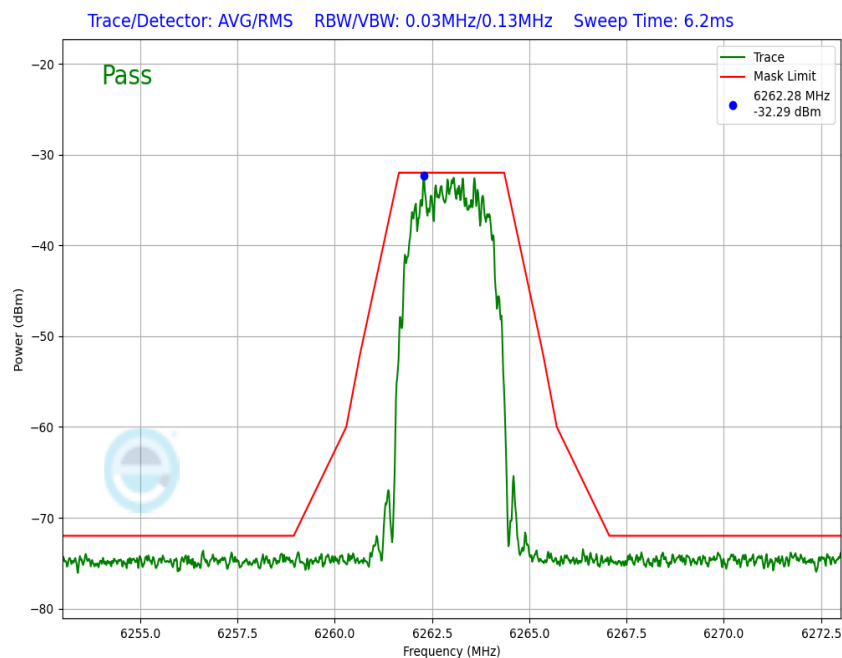


Plot 7-196. In-Band Emission TxBF Antenna WF7a (NB UNII HDR4, ePA – 6263MHz)

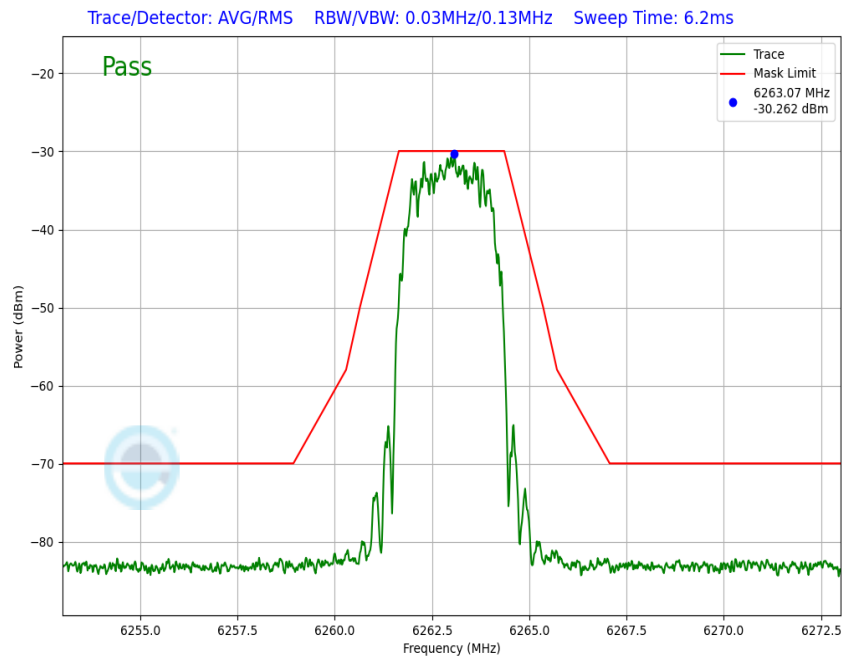
FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100079-11-R4.BCG	Test Dates: 09/18/2025 - 12/23/2025	EUT Type: Tablet Device	Page 135 of 209

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Plot 7-197. In-Band Emission TxBF Antenna WF8 (NB UNII HDR4, iPA – 6263MHz)

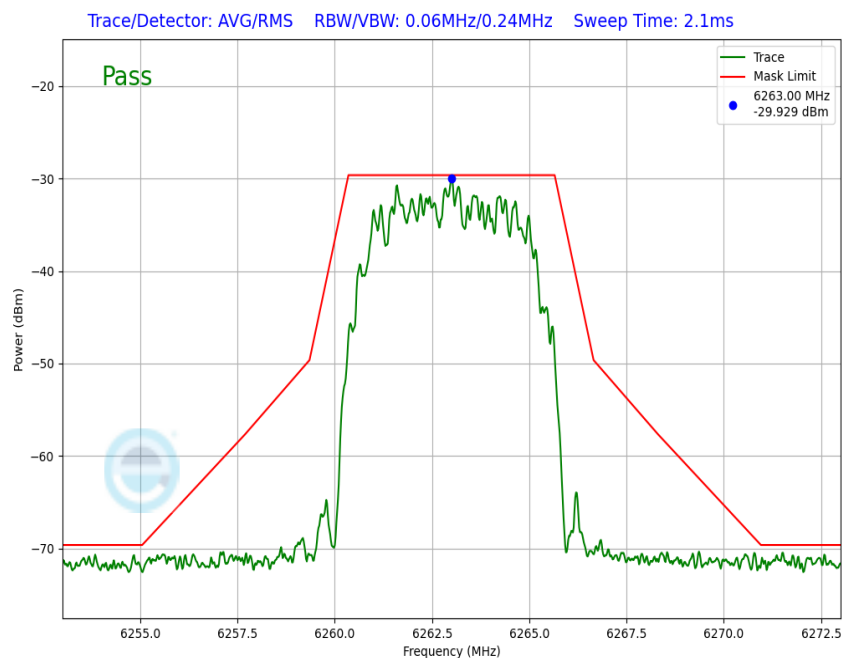


Plot 7-198. In-Band Emission TxBF Antenna WF7a (NB UNII HDR4, iPA – 6263MHz)

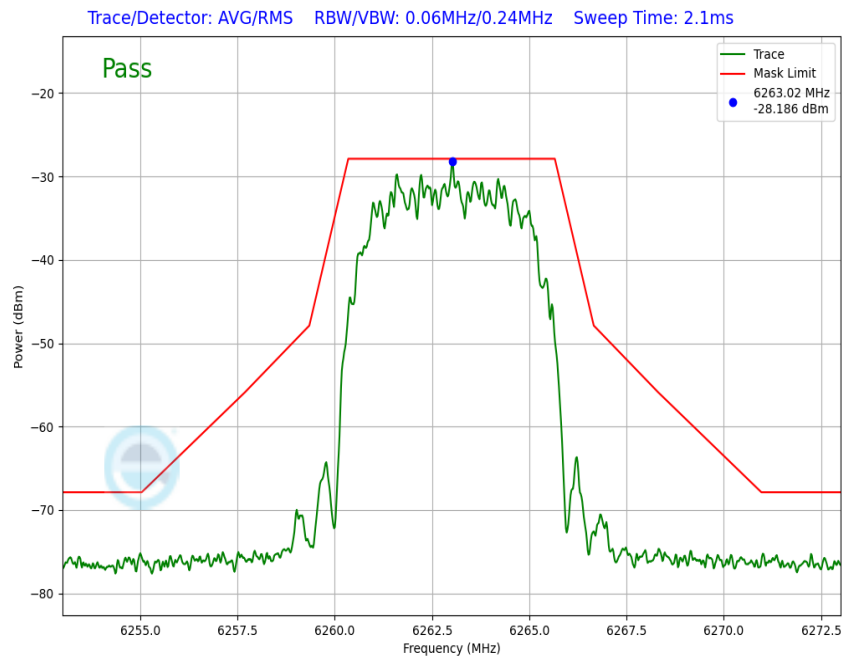
FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100079-11-R4.BCG	Test Dates: 09/18/2025 - 12/23/2025	EUT Type: Tablet Device	Page 136 of 209

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Plot 7-199. In-Band Emission TxBF Antenna WF8 (NB UNII HDR8, ePA – 6263MHz)

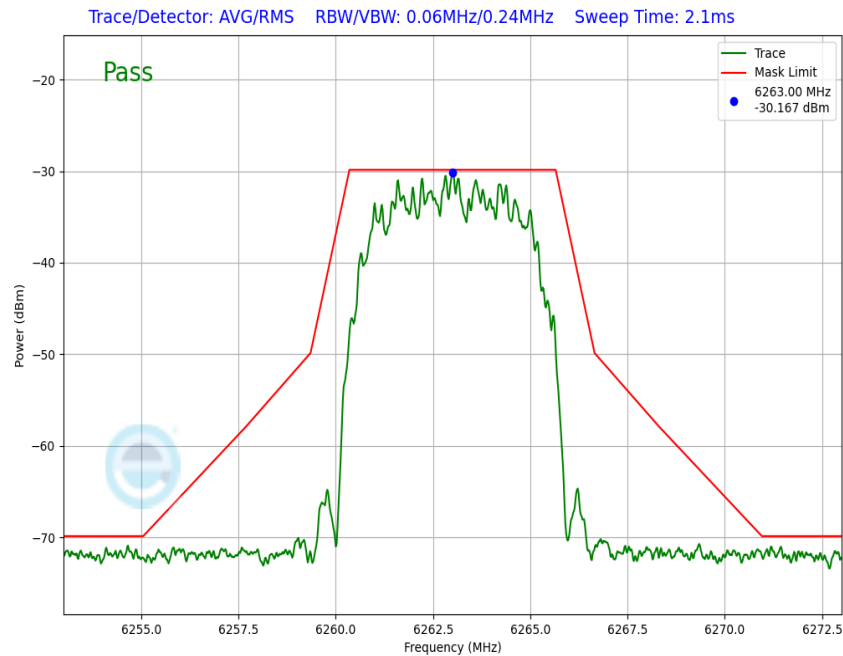


Plot 7-200. In-Band Emission TxBF Antenna WF7a (NB UNII HDR8, ePA – 6263MHz)

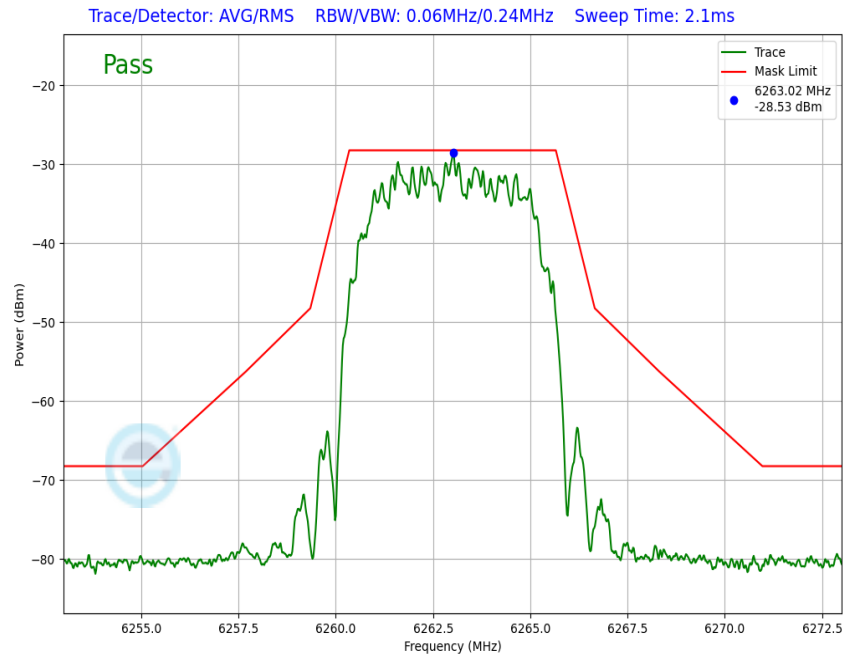
FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100079-11-R4.BCG	Test Dates: 09/18/2025 - 12/23/2025	EUT Type: Tablet Device	Page 137 of 209

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Plot 7-201. In-Band Emission TxBF Antenna WF8 (NB UNII HDR8, iPA – 6263MHz)

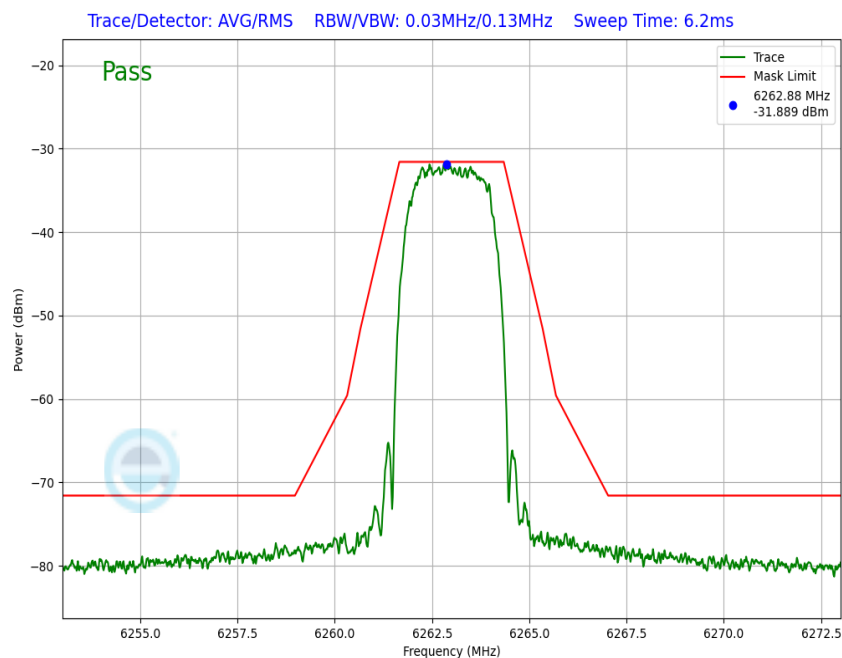


Plot 7-202. In-Band Emission TxBF Antenna WF7a (NB UNII HDR8, iPA – 6263MHz)

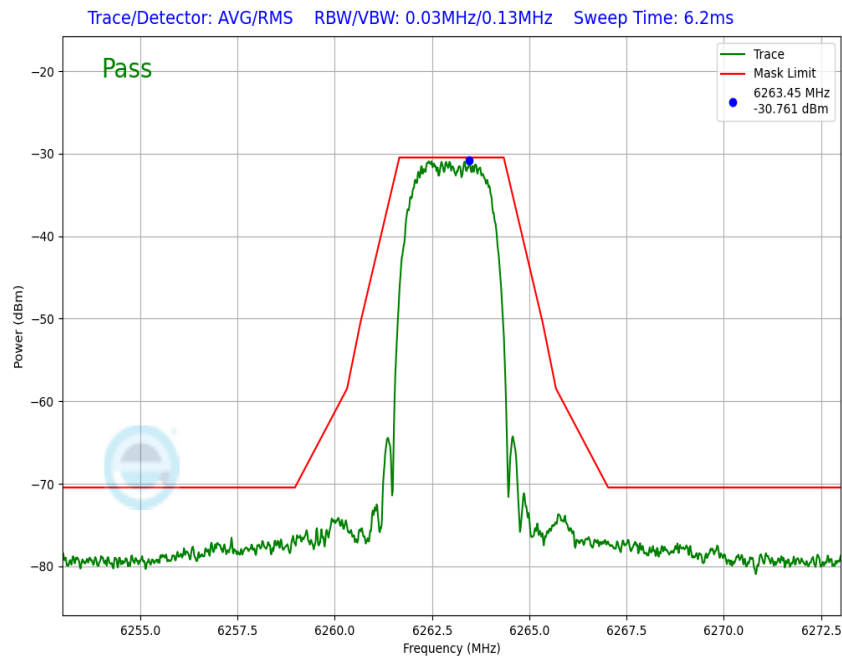
FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100079-11-R4.BCG	Test Dates: 09/18/2025 - 12/23/2025	EUT Type: Tablet Device	Page 138 of 209

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Plot 7-203. In-Band Emission TxBF Antenna WF8 (NB UNII HDRPS2, ePA – 6263MHz)

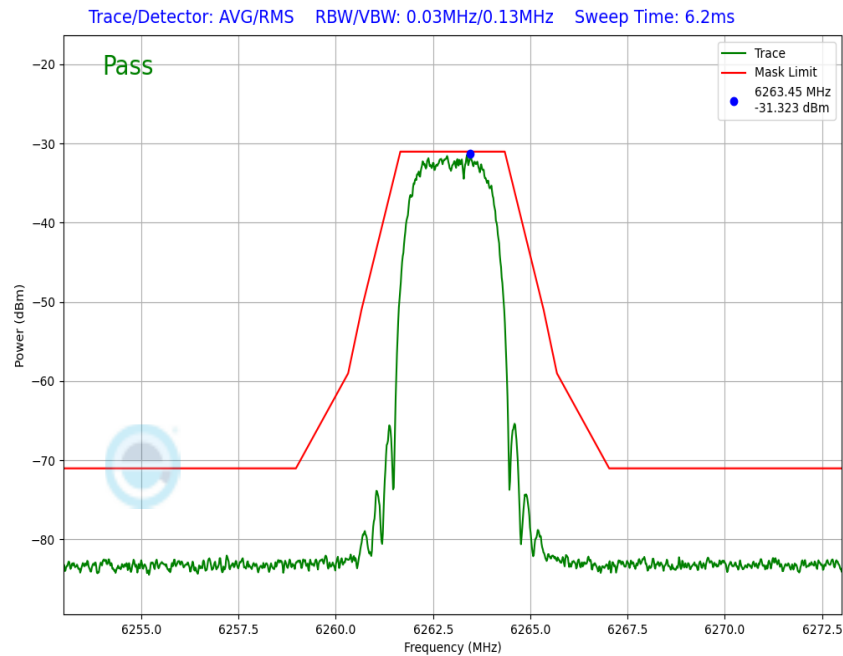


Plot 7-204. In-Band Emission TxBF Antenna WF7a (NB UNII HDRPS2, ePA – 6263MHz)

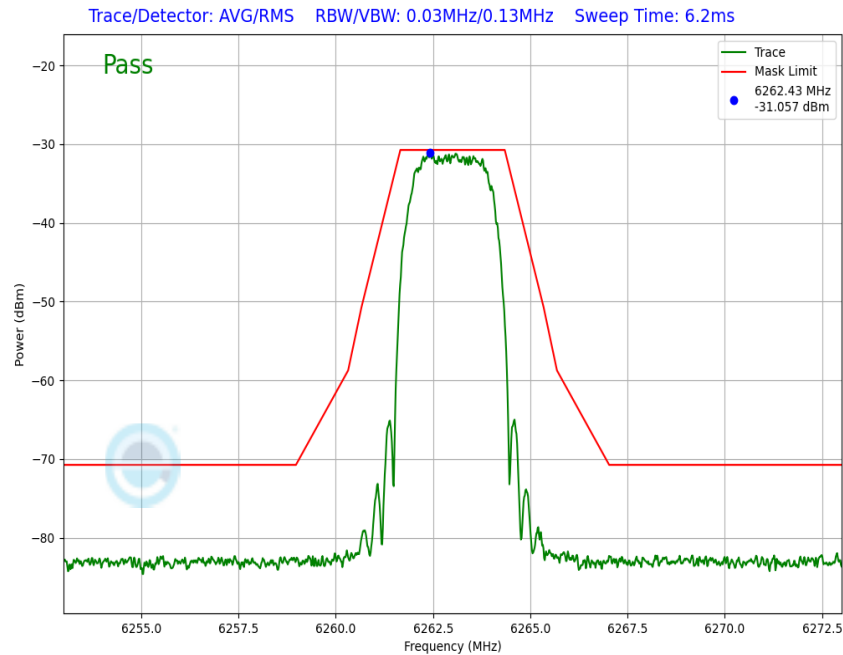
FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Plot 7-205. In-Band Emission TxBF Antenna WF8 (NB UNII HDRPS2, iPA – 6263MHz)

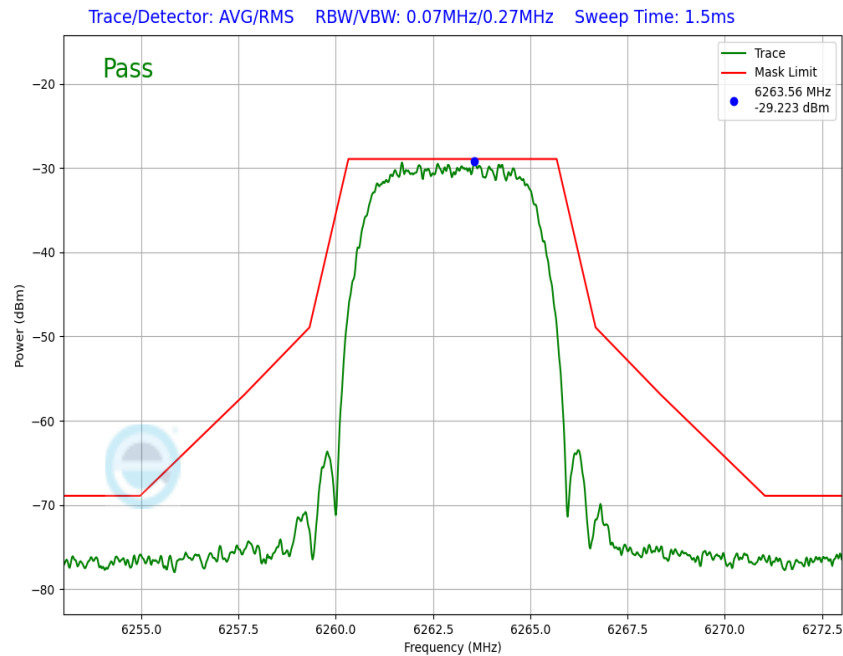


Plot 7-206. In-Band Emission TxBF Antenna WF7a (NB UNII HDRPS2, iPA – 6263MHz)

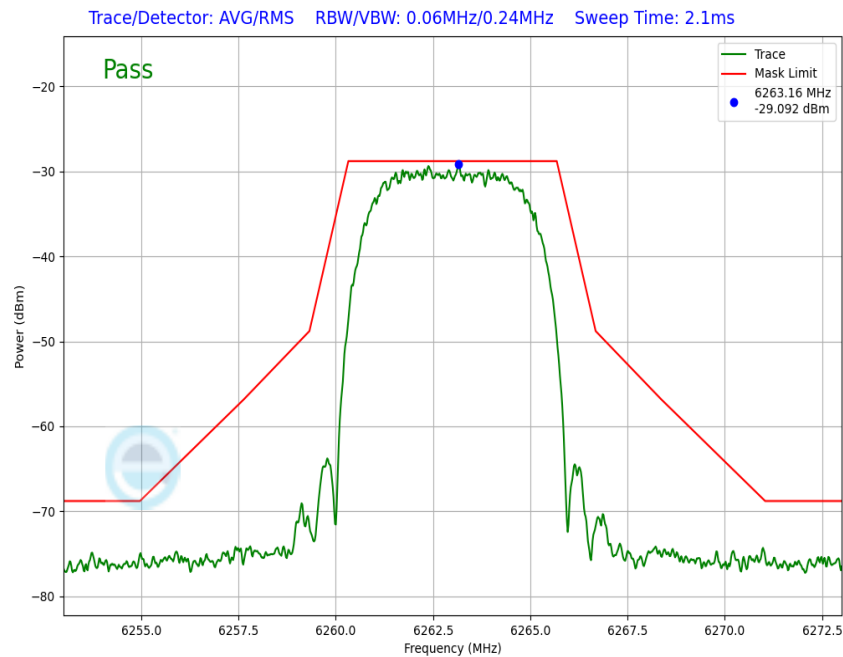
FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Plot 7-207. In-Band Emission TxBF Antenna WF8 (NB UNII XHDRPM6, ePA – 6263MHz)

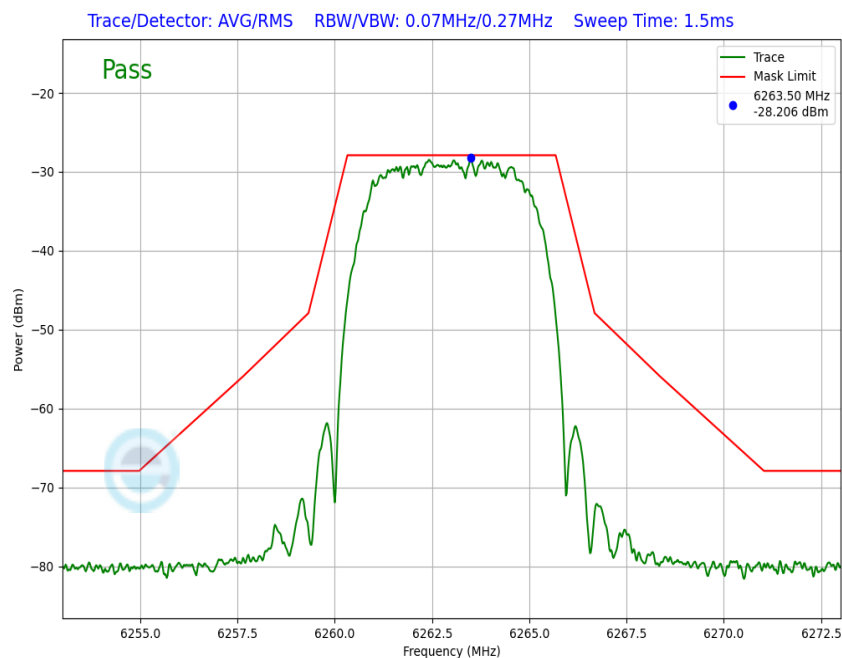


Plot 7-208. In-Band Emission TxBF Antenna WF7a (NB UNII XHDRPM6, ePA – 6263MHz)

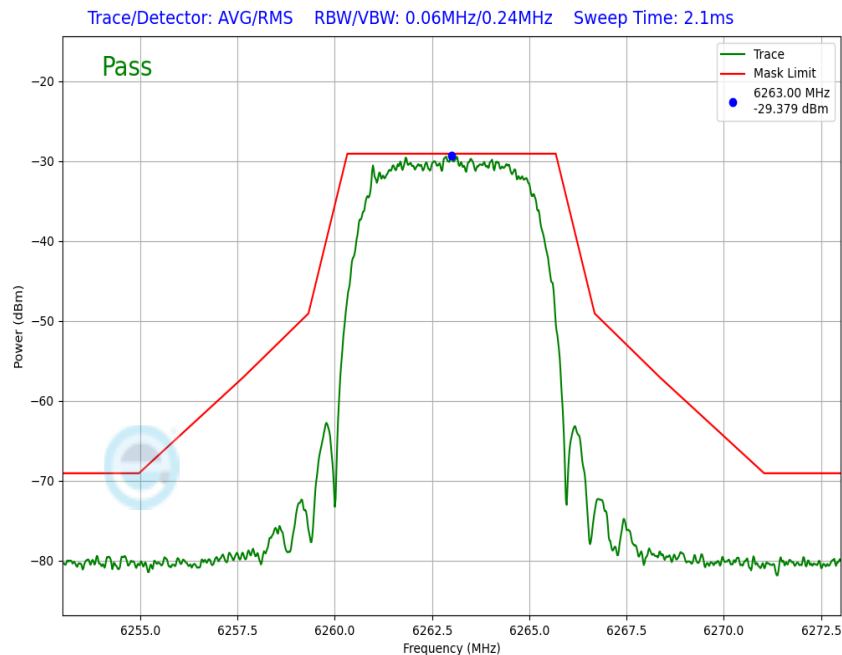
FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Plot 7-209. In-Band Emission Tx BF Antenna WF8 (NB UNII XHDRPM6, iPA – 6263MHz)

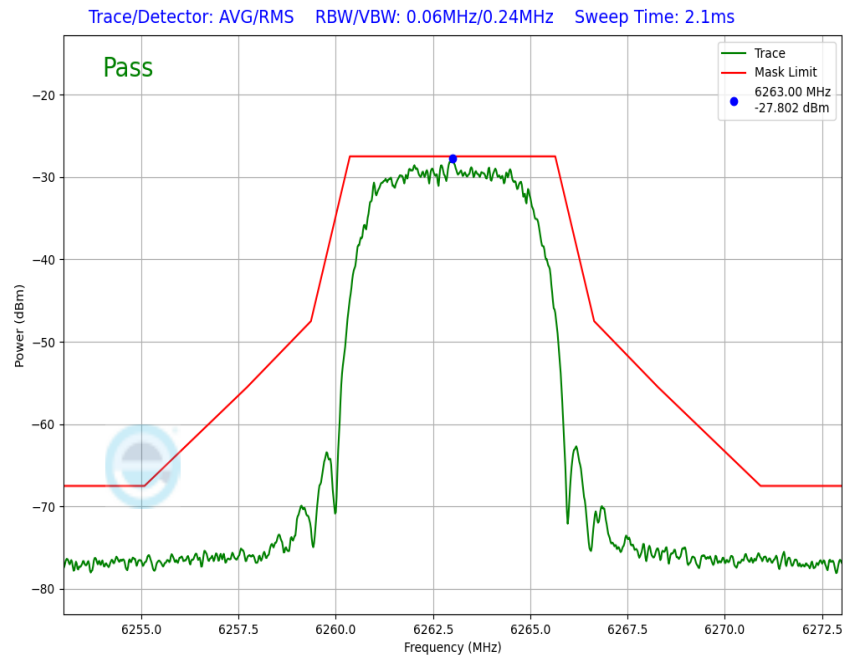


Plot 7-210. In-Band Emission Tx BF Antenna WF7a (NB UNII XHDRPM6, iPA – 6263MHz)

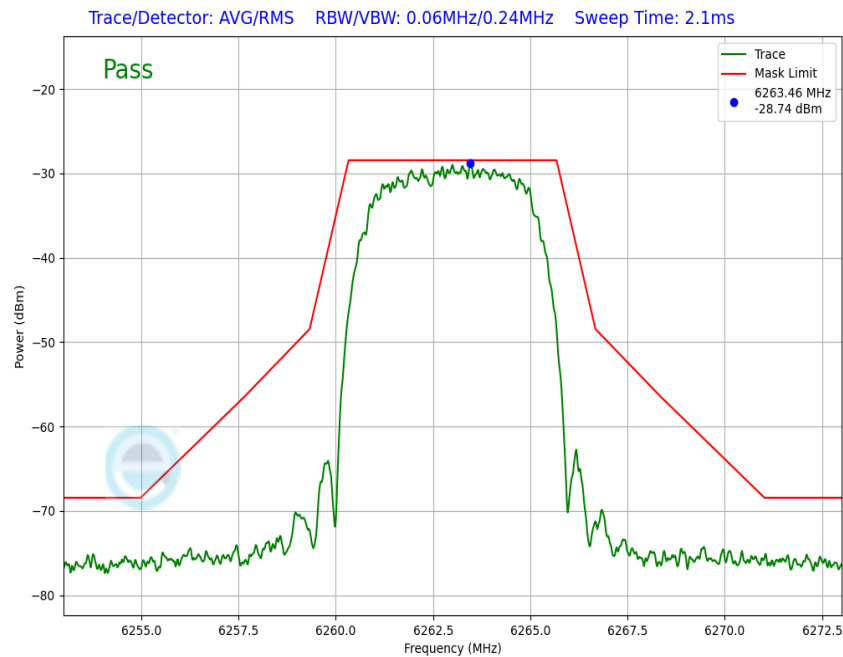
FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Plot 7-211. In-Band Emission TxBF Antenna WF8 (NB UNII HDRPM16, ePA – 6263MHz)

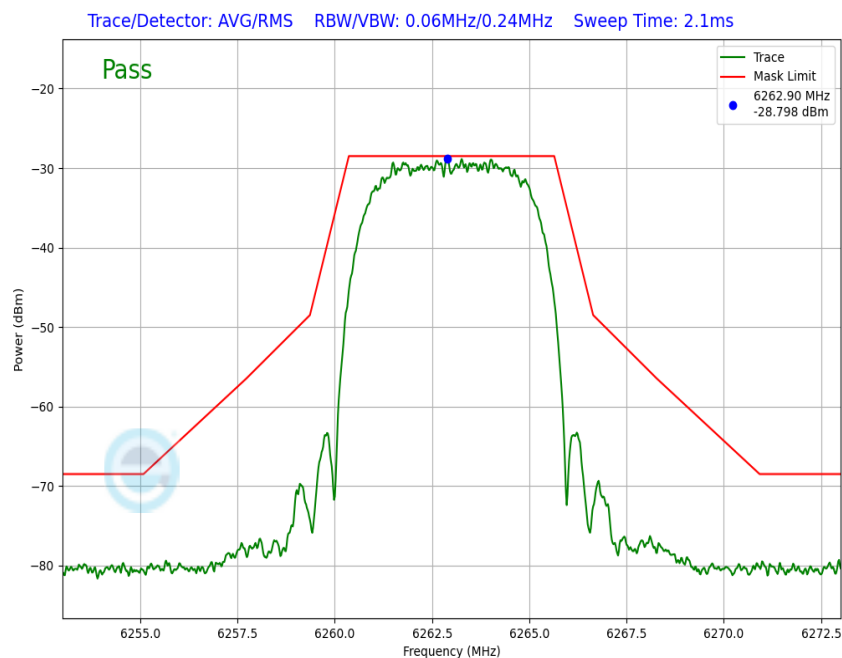


Plot 7-212. In-Band Emission TxBF Antenna WF7a (NB UNII HDRPM16, ePA – 6263MHz)

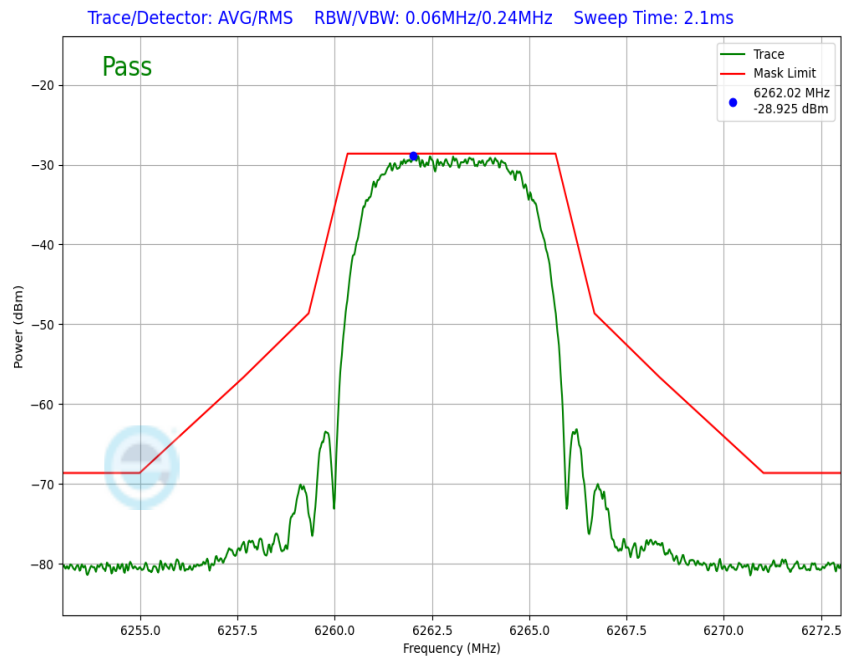
FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Plot 7-213. In-Band Emission Tx BF Antenna WF8 (NB UNII HDRPM16, iPA – 6263MHz)

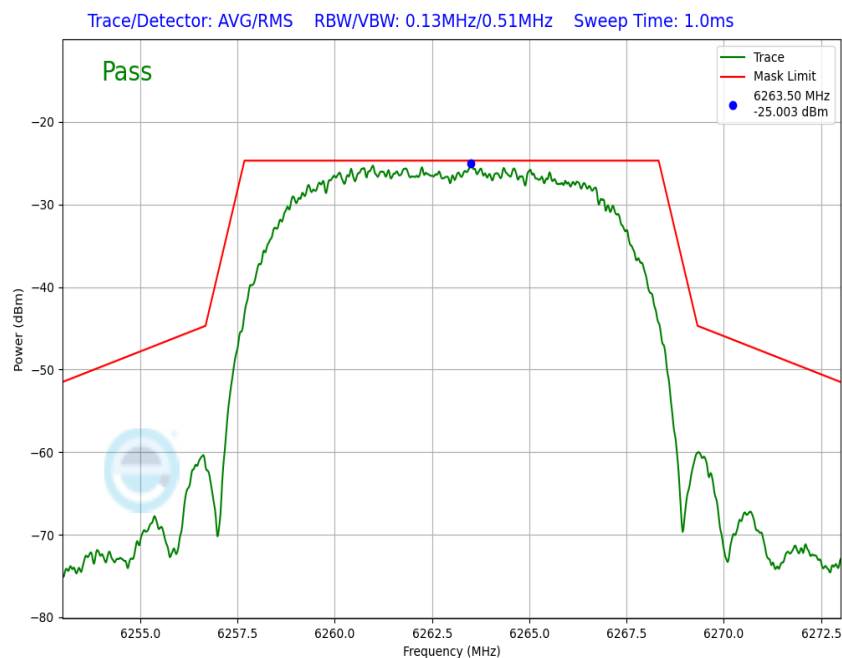


Plot 7-214. In-Band Emission Tx BF Antenna WF7a (NB UNII HDRPM16, iPA – 6263MHz)

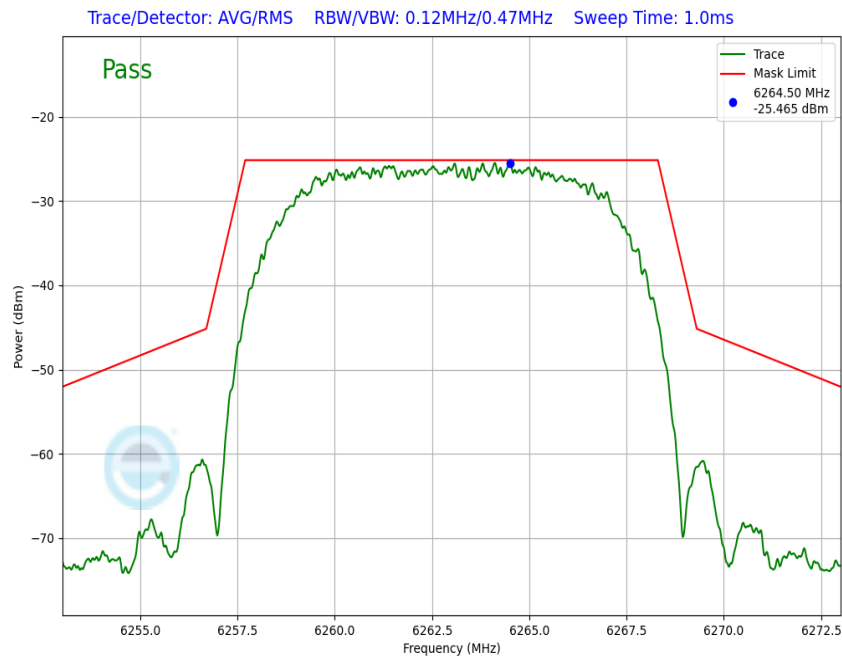
FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Plot 7-215. In-Band Emission TxBF Antenna WF8 (NB UNII HDRPL12, ePA – 6263MHz)

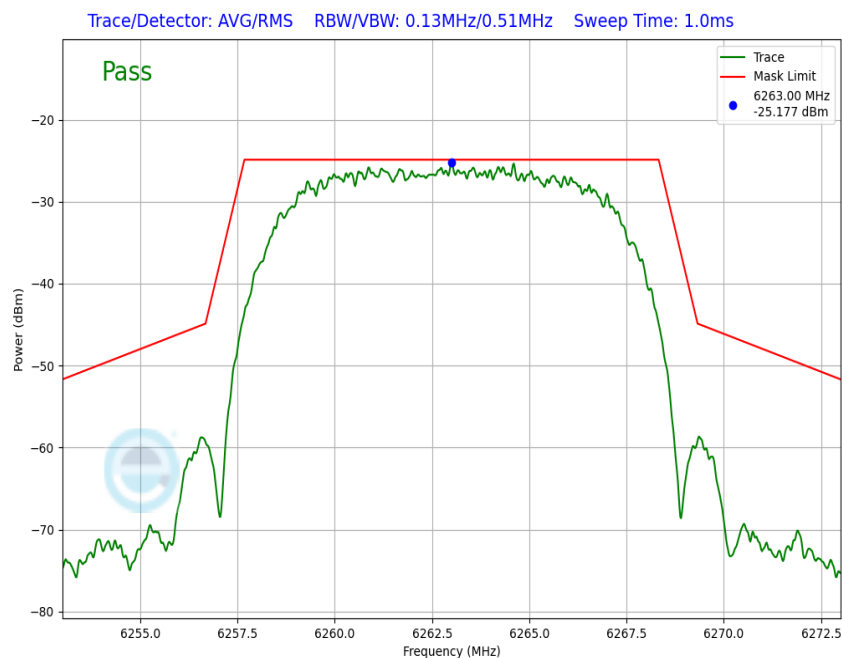


Plot 7-216. In-Band Emission TxBF Antenna WF7a (NB UNII HDRPL12, ePA – 6263MHz)

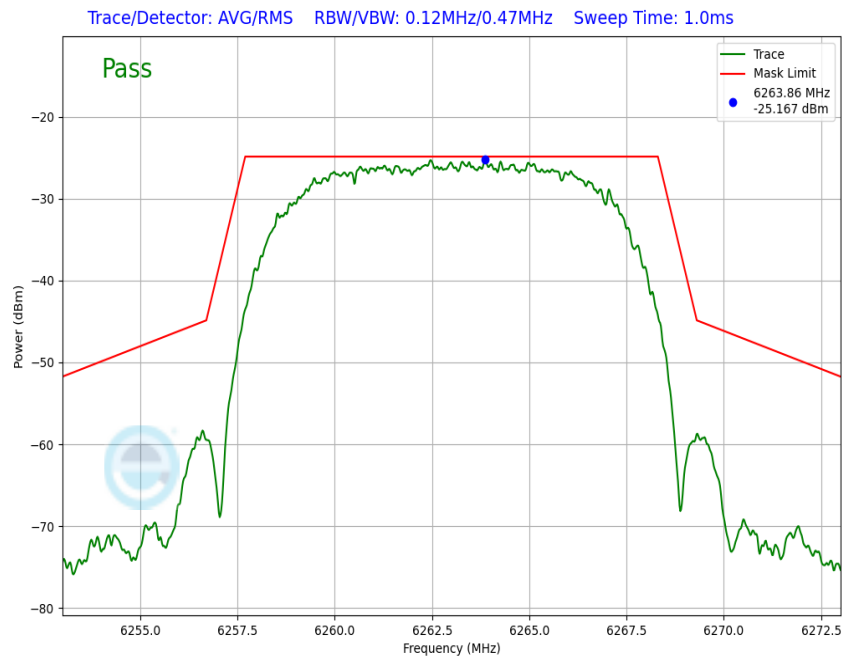
FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Plot 7-217. In-Band Emission TxBF Antenna WF8 (NB UNII HDRPL12, iPA – 6263MHz)

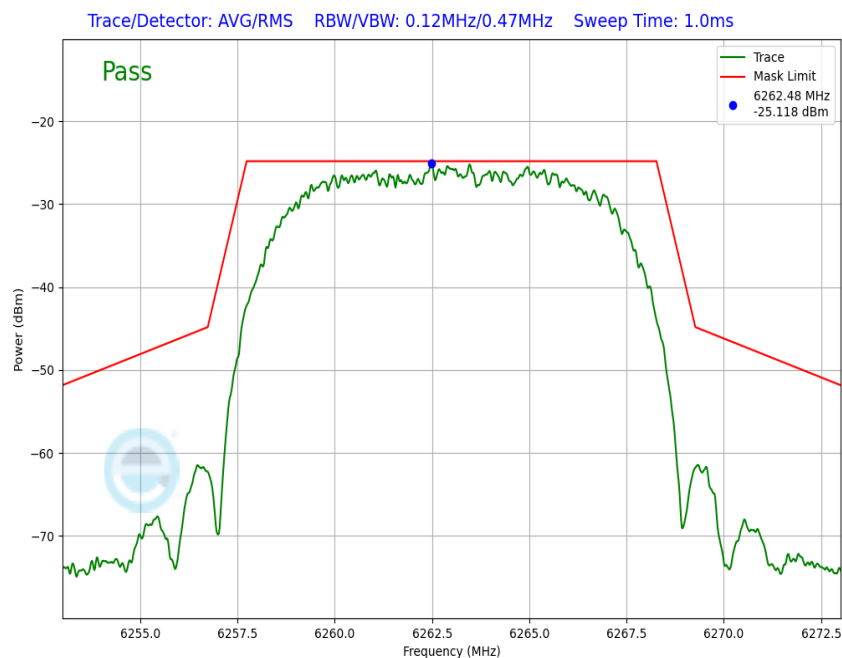


Plot 7-218. In-Band Emission TxBF Antenna WF7a (NB UNII HDRPL12, iPA – 6263MHz)

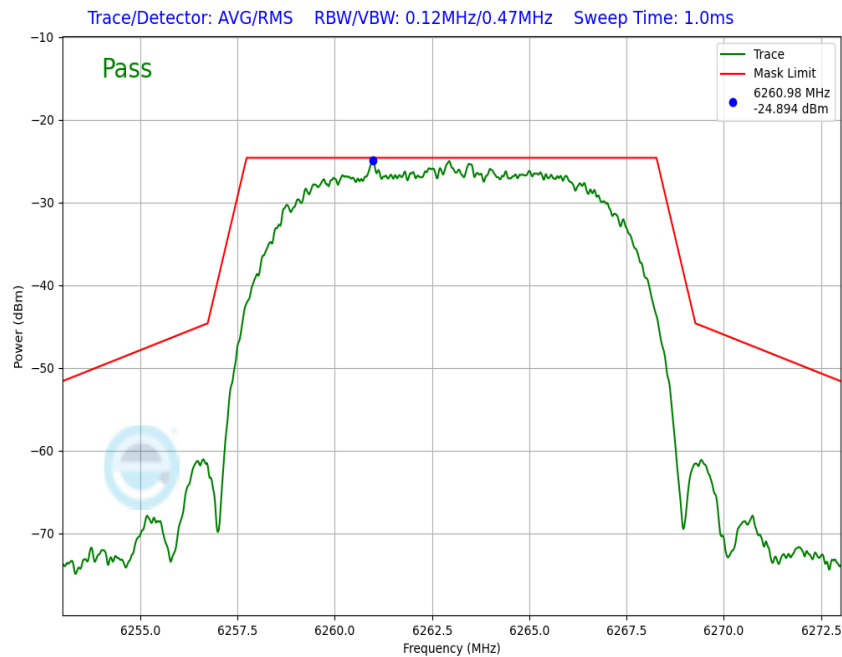
FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Plot 7-219. In-Band Emission Tx BF Antenna WF8 (NB UNII HDRPL32, ePA – 6263MHz)

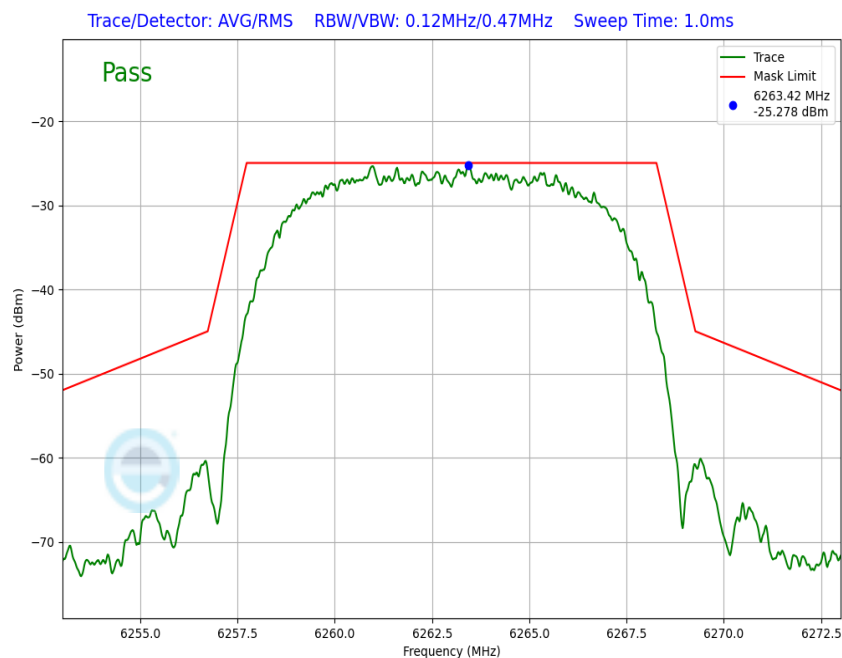


Plot 7-220. In-Band Emission Tx BF Antenna WF7a (NB UNII HDRPL32, ePA – 6263MHz)

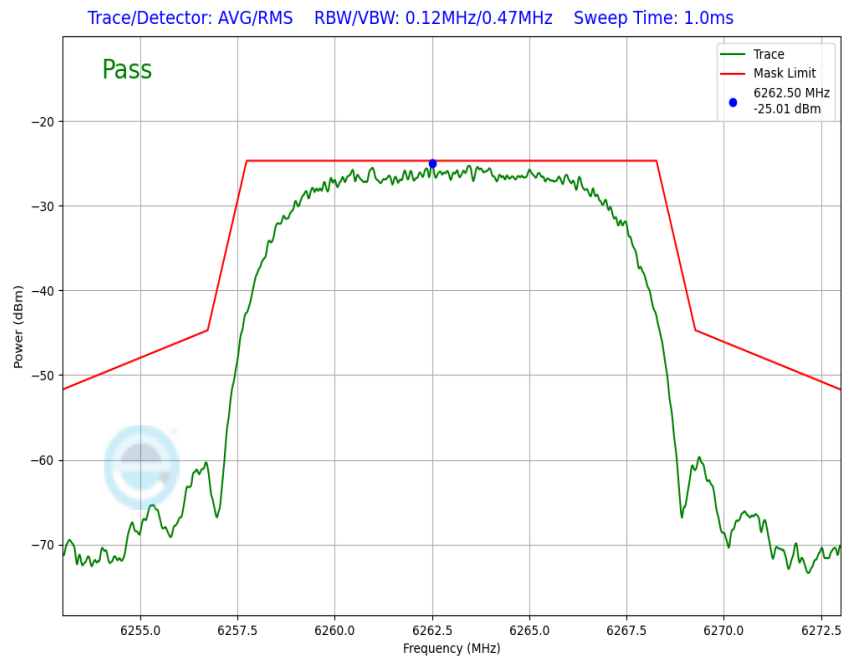
FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Plot 7-221. In-Band Emission TxBF Antenna WF8 (NB UNII HDRPL32, iPA – 6263MHz)

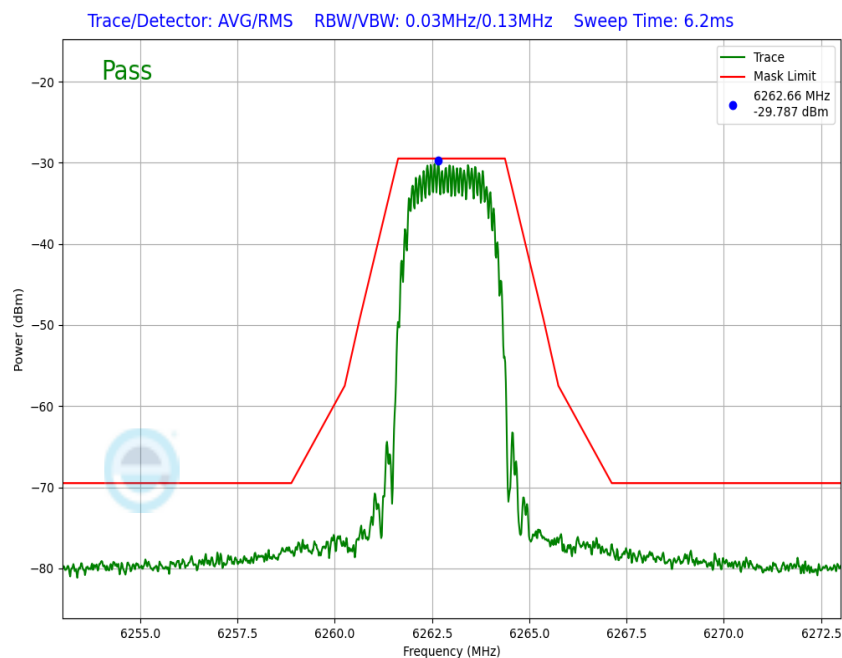


Plot 7-222. In-Band Emission TxBF Antenna WF7a (NB UNII HDRPL32, iPA – 6263MHz)

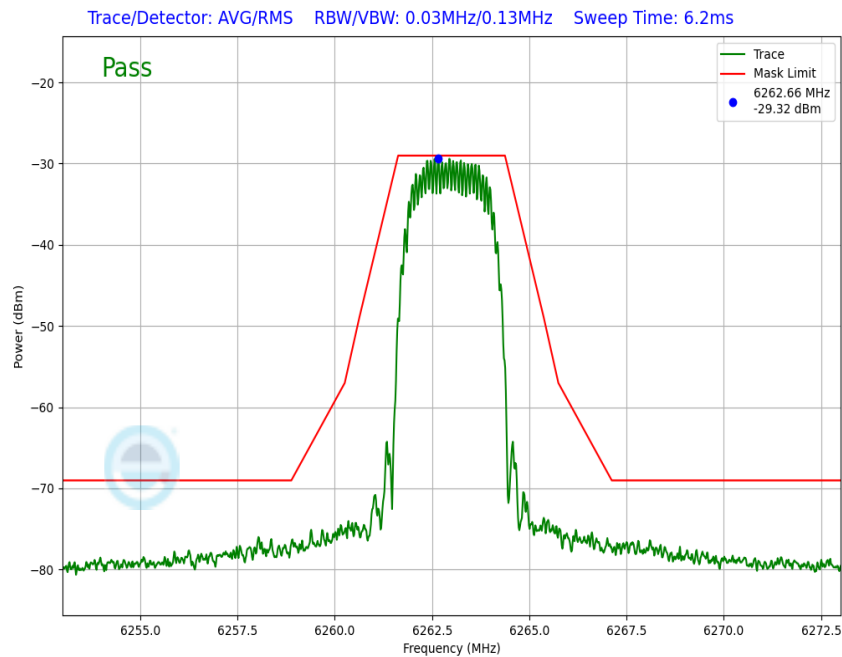
FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Plot 7-223. In-Band Emission TxBF Antenna WF8 (NB UNII HDT2, ePA – 6263MHz)

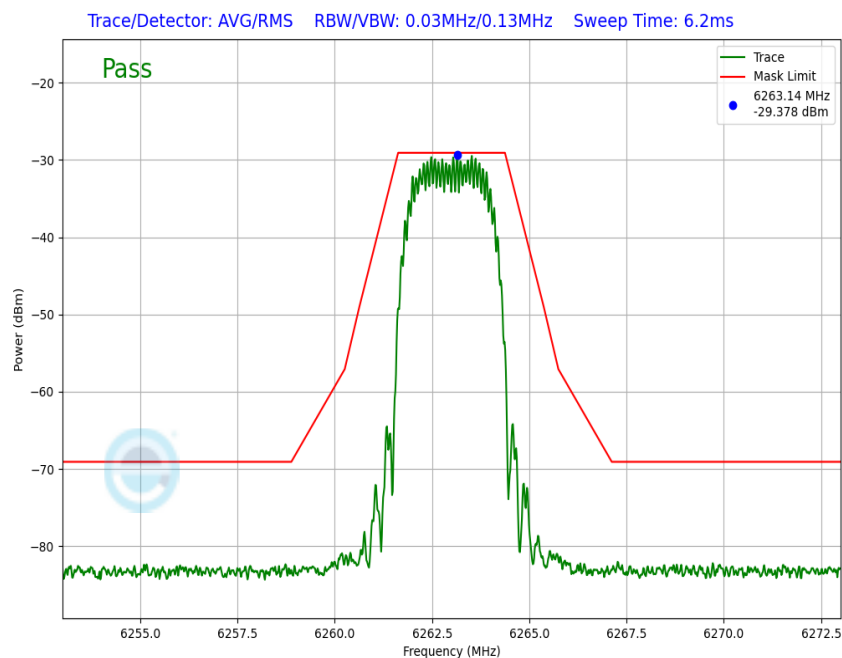


Plot 7-224. In-Band Emission TxBF Antenna WF7a (NB UNII HDT2, ePA – 6263MHz)

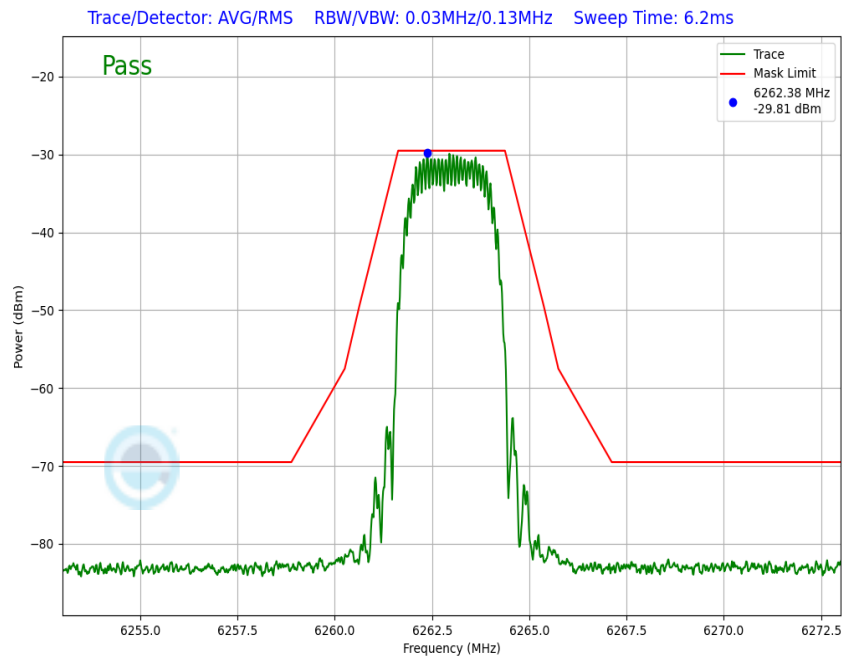
FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Plot 7-225. In-Band Emission TxBF Antenna WF8 (NB UNII HDT2, iPA – 6263MHz)

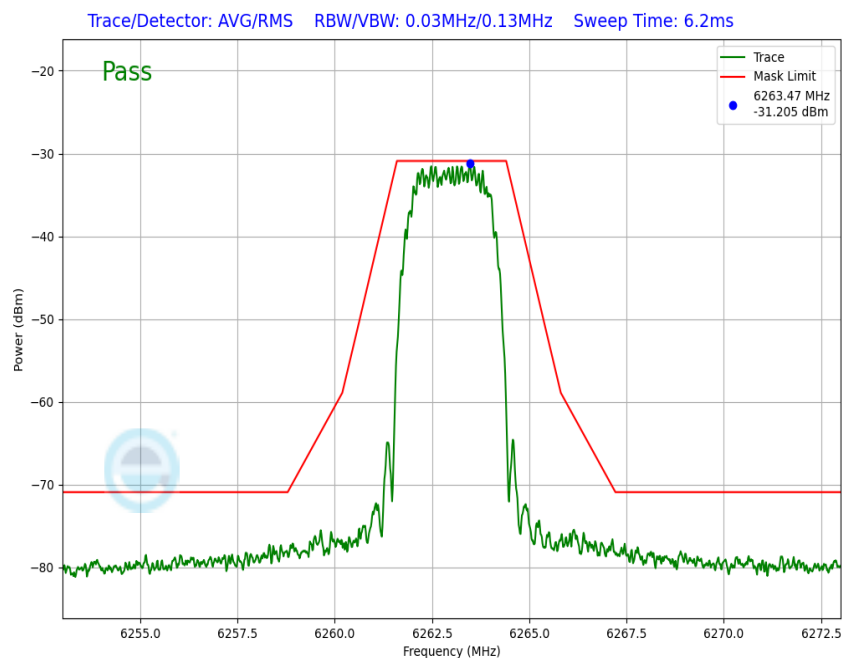


Plot 7-226. In-Band Emission TxBF Antenna WF7a (NB UNII HDT2, iPA – 6263MHz)

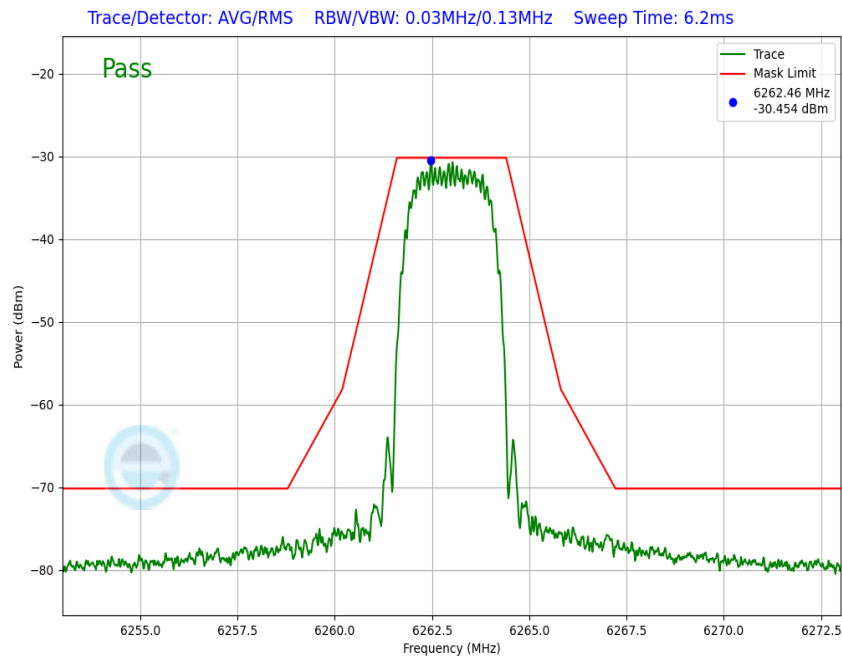
FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Plot 7-227. In-Band Emission TxBF Antenna WF8 (NB UNII HDT4, ePA – 6263MHz)

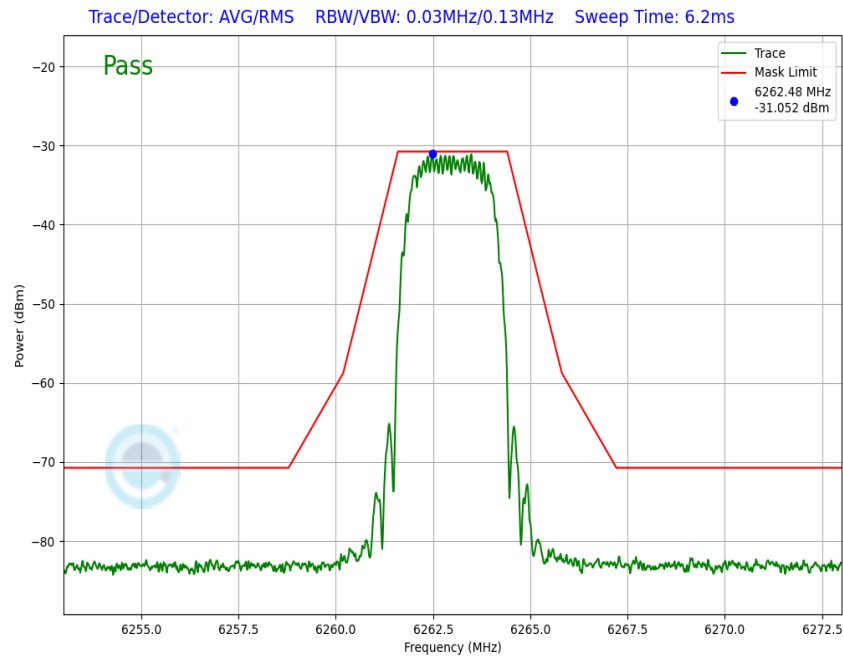


Plot 7-228. In-Band Emission TxBF Antenna WF7a (NB UNII HDT4, ePA – 6263MHz)

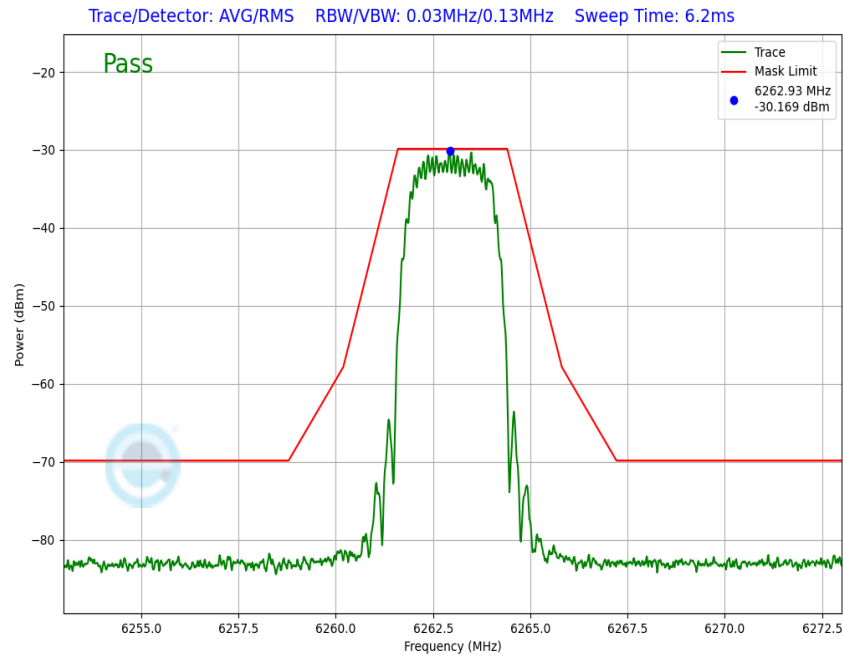
FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Plot 7-229. In-Band Emission TxBF Antenna WF8 (NB UNII HDT4, iPA – 6263MHz)

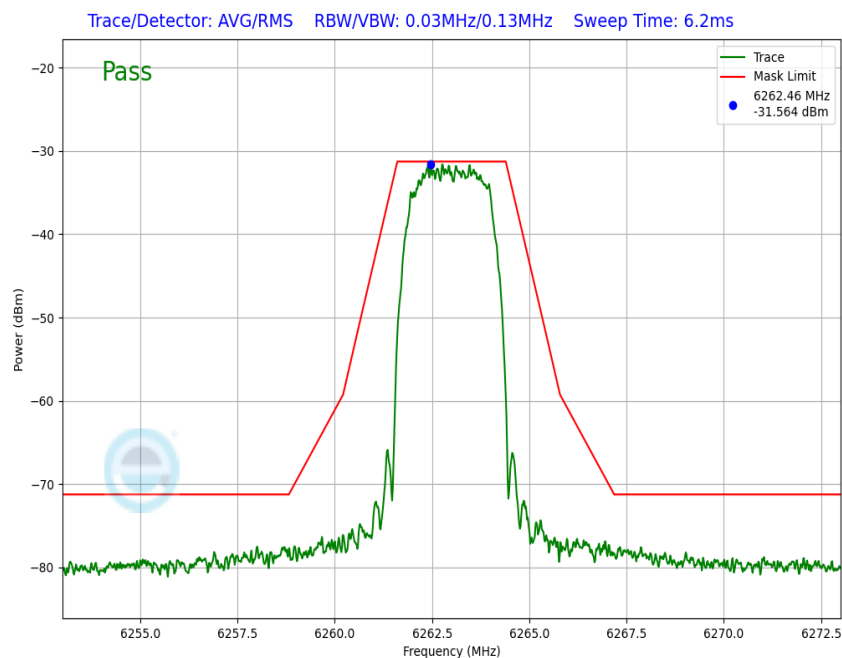


Plot 7-230. In-Band Emission TxBF Antenna WF7a (NB UNII HDT4, iPA – 6263MHz)

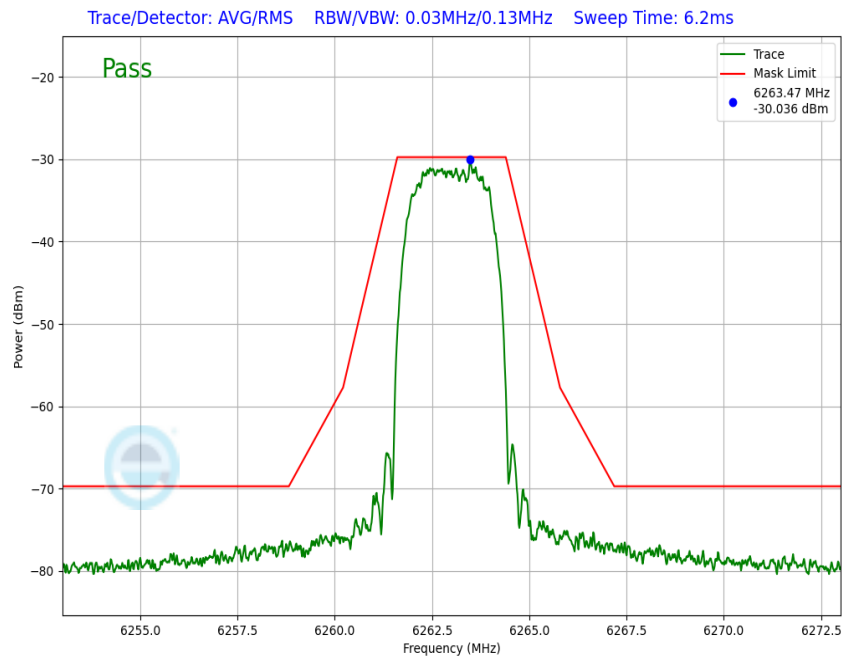
FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Plot 7-231. In-Band Emission TxBF Antenna WF8 (NB UNII HDT6, ePA – 6263MHz)

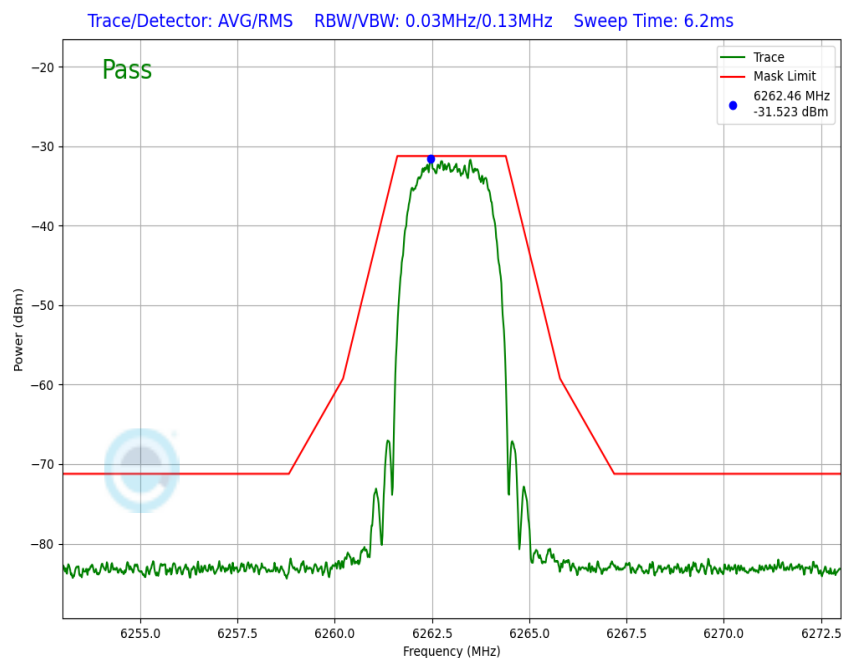


Plot 7-232. In-Band Emission TxBF Antenna WF7a (NB UNII HDT6, ePA – 6263MHz)

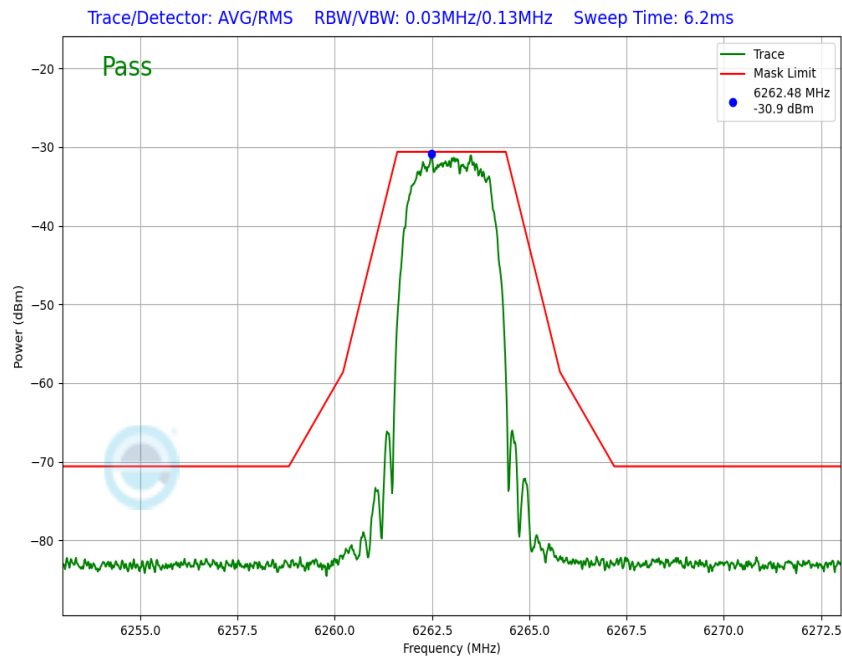
FCC ID: BCGA3459 IC: 579C-A3459	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Plot 7-233. In-Band Emission Tx BF Antenna WF8 (NB UNII HDT6, iPA – 6263MHz)



Plot 7-234. In-Band Emission Tx BF Antenna WF7a (NB UNII HDT6, iPA – 6263MHz)

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7.6 Contention Based Protocol

§15.407(d)(6); RSS-248[4.7]

Test Overview and Limit

Indoor access points, subordinate devices and client devices operating in the 5.925-7.125 GHz band (herein referred to as unlicensed devices) are required to use technologies that include a contention-based protocol to avoid co-channel interference with incumbent devices sharing the band. To ensure incumbent co-channel operations are detected in a technology-agnostic manner, unlicensed devices are required to detect co-channel radio frequency energy (energy detect) and avoid simultaneous transmission.

Unlicensed indoor low-power and very low power devices must detect co-channel radio frequency power that is at least -62 dBm or lower. Upon detection of energy in the band, unlicensed low power indoor and very low power devices must vacate the channel and stay off the channel as long as detected radio frequency power is equal to or greater than the threshold (-62 dBm). The -62 dBm (or lower) threshold is referenced to a 0 dBi antenna gain.

To ensure incumbent operations are reliably detected in the band, low power indoor devices must detect RF energy throughout their intended operating channel.

Test Procedure Used

KDB 987594 D02 v03 – Section I

Test Settings

1. Configure the EUT to transmit with a constant duty cycle.
2. Set the operating parameters of the EUT including power level, operating frequency, modulation and bandwidth
3. Set the signal analyzer center frequency to the nominal EUT channel center frequency. The span range of the signal analyzer shall be between two times and five times the OBW of the EUT.
4. Connect the output port of the EUT to the signal analyzer 2, as shown in Figure 2. Ensure that the attenuator 2 provides enough attenuation to not overload the signal analyzer 2 receiver.
5. Monitoring the signal analyzer 2, verify the EUT is operating and transmitting with the parameters set at step two.
6. Using an AWGN signal source, generate (but do not transmit, i.e., RF OFF) a 10 MHz-wide AWGN signal. Use Table 1 to determine the center frequency of the 10 MHz AWGN signal relative to the EUT's channel bandwidth and center frequency.
7. Set the AWGN signal power to an extremely low level (more than 20 dB below the -62 dBm threshold). Connect the AWGN signal source, via a 3-dB splitter, to the signal analyzer 1 and the EUT as shown in Figure 2.
8. Transmit the AWGN signal (RF ON) and verify its characteristics on the signal analyzer 1.
9. Monitor the signal analyzer 2 to verify if the AWGN signal has been detected and the EUT has ceased transmission. If the EUT continues to transmit, then incrementally increase the AWGN signal power level until the EUT stops transmitting.
10. Including all losses in the RF paths) Determine and record the AWGN signal power level (at the EUT's antenna port) at which the EUT ceased transmission. Repeat the procedure at least 10 times to verify the EUT can detect an AWGN signal with 90% (or better) level of certainty.
11. Refer to Table 1 to determine number of times the detection threshold testing needs to be repeated. If testing is required more than once, then go back to step 5, choose a different center frequency for the AWGN signal and repeat the process.

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Test Setup

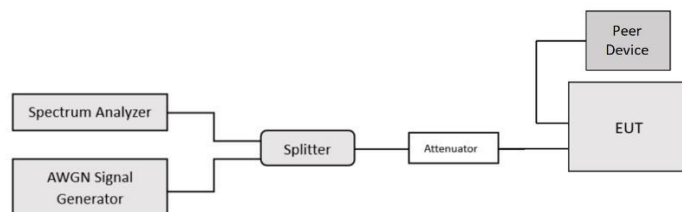


Figure 7-5. Contention-based protocol test setup, conducted method

Test Notes

1. Peer device used was the tablet device. (refer to Table 2-6).
2. Per guidance from KDB 987594 D02 v03, contention-based protocol was tested using an AWGN signal with a bandwidth of 10MHz. The amplitude of the signal was increased until detected by the EUT, signaled by the ceasing of transmission, marker indicates the point at which the AWGN signal is introduced.
3. Per KDB 987594 D04 v03, contention-based protocol was tested with receiver with the lowest antenna gain.
4. 15 trials were ran in order to assure that at least 90% of certainty was met.

$$\text{Detection Level} = \text{Injected AWGN Power (dBm)} - \text{Antenna Gain (dBi)} + \text{Path Loss (dB)}$$

Equation 7-1. Incumbent Detection Level Calculation

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Band	Channel Frequency [MHz]	Incumbent Frequency [MHz]	Injected (AWGN) [dBm]	Antenna Gain [dBi]	Adjusted Power Level [dBm]	Detection Limit [dBm]	Margin [dB]	Antenna tested
UNII Band 5	6176-6300	6250	-69.98	1.00	-70.98	-62.0	-8.98	Ant WF8

Table 7-13. Contention Based Protocol – Incumbent Detection Results

Band	EUT Transmission Status		
	Adjusted AWGN Power (dBm)		
	Normal	Minimal	Ceased
UNII Band 5	-76.98	-71.98	-69.98

Table 7-14. Contention Based Protocol – Detection Results – All Tx Cases

CBP Detection (1 = Detection, Blank = No detection)																		
Band	Trials															Detection Rate [%]	Limit %	Pass / Fail
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15			
UNII Band 5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100	90	Pass

Table 7-15. Contention Based Protocol – Incumbent Detection Trial Results

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 157 of 209

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