



Cisco Systems Inc.
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Declaration of Similarity

August 13, 2025

FEDERAL COMMUNICATIONS COMMISSIONS
Authorization and Evaluation Division
7435 Oakland Mills Road
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Innovation, Science and Economic Development Canada
Certification and Engineering Bureau
P.O. Box 11490, Station 'H' 3701
Carling Ave., Building 94 Ottawa,
Ontario K2H 8S2 Canada

Dear Sir/Madam,

We, Cisco Systems, Inc., hereby declare that product: Cisco Catalyst 9124AX Series Wi-Fi 6 Outdoor Access Points, model: C9124AXI-A (IC: 2461N-HTIAK2282) and C9124AXI-B (FCC ID: LDK-HTIAK2282) are electrically identical with the same electromagnetic emissions and electromagnetic compatibility characteristics as model: C9124AXD-A (IC: 2461N-HTIAK2282) and C9124AXD-B (FCC ID: LDK-HTIAK2282), and all tested by BACL, the results of which are featured in BACL Report.

A description of the differences between C9124AXD and C9124AXI is as follows:

(Internal Antenna) Model C9124AXD-A/B

Frequency	Antenna Name/Type		Antenna Gain	
2.4GHz & 5GHz (Wi-Fi)	Antenna 1	TX/RX: internal	9dBi@2.4GHz	9dBi@5GHz
2.4GHz & 5GHz (Wi-Fi)	Antenna 2	TX/RX: internal	9dBi@2.4GHz	9dBi@5GHz
2.4GHz & 5GHz (Wi-Fi)	Antenna 3	TX/RX: internal	9dBi@2.4GHz	9dBi@5GHz
2.4GHz & 5GHz (Wi-Fi)	Antenna 4	TX/RX: internal	9dBi@2.4GHz	9dBi@5GHz
BLE	Antenna T	TX/RX: internal	4dBi	
2.4GHz & 5GHz (Aux)	Antenna A	TX/RX: internal	9dBi@2.4GHz	9dBi@5GHz
2.4GHz & 5GHz (Aux)	Antenna B	RX: internal	9dBi@2.4GHz	9dBi@5GHz

(Internal Antenna) Model C9124AXI-A/B

Frequency	Antenna Name/Type		Antenna Gain	
2.4GHz & 5GHz (Wi-Fi)	Antenna 1	TX/RX: internal	7dBi@2.4GHz	7dBi@5GHz
2.4GHz & 5GHz (Wi-Fi)	Antenna 2	TX/RX: internal	7dBi@2.4GHz	7dBi@5GHz
2.4GHz & 5GHz (Wi-Fi)	Antenna 3	TX/RX: internal	7dBi@2.4GHz	7dBi@5GHz
2.4GHz & 5GHz (Wi-Fi)	Antenna 4	TX/RX: internal	7dBi@2.4GHz	7dBi@5GHz
BLE	Antenna T	TX/RX: internal	5dBi	
2.4GHz & 5GHz (Aux)	Antenna A	TX/RX: internal	6dBi@2.4GHz	7dBi@5GHz
2.4GHz & 5GHz (Aux)	Antenna B	RX: internal	6dBi@2.4GHz	7dBi@5GHz



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Other than the above lists for the antenna gain, the two models are identical.

Sincerely,

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