

Federal Communications Commission

Date: January 4, 2023

Office of Engineering and Technology Laboratory Division
7435 Oakland Mills Rd
Columbia MD 21046-1609

Re: Antenna Product Attestation; FCC ID: S9GQ950US02

Q950 LTE Access Point from Ruckus Wireless Inc., deploys wireless interface based on LTE/3GPP standards and protocols utilizing digital modulation (OFDM). This product is designed to deploy with External Antenna and supports 2x2 MIMO in the 3.5 GHz Licensed band (CBRS).

External Antenna unit is designed as dual Cross-polarized set of 4 antennas, transmitting 90-degree phase-shift replica of the signal and phase centers of the 2 antennas are co-located.

Antenna 1 and Antenna 2 always transmit from the same (first) RF carrier

Antenna 3 and Antenna 4 always transmit from the same (second) RF carrier

Antennas 1 and 3 are with Horizontal polarization and Antennas 2 and 4 are with Vertical polarization

Due to Cross-polarized antennas per Carrier, transmitted EIRP is calculated per Polarization for each Carrier.