

Sercomm Technology Inc.
1050 Crowne Pointe Pkwy, Suite 700, Atlanta, GA 30338

CBRS Network and Product Technology Demo at CES 2020
(Las Vegas, NV)

Sercomm Technology Inc. is developing CBRS CPE and Small Cells to enable the use of Band 48 spectrum for service providers, fixed wireless broadband operators, and enterprises. Sercomm is a key exhibitor at Consumer Electronics Show in Las Vegas from January 6-10. During this conference, Sercomm plans to demonstrate one Indoor Enterprise CBRS Small Cell, one Outdoor Fixed Wireless CBRS CPE, and two CBRS USB Dongle CPE. These devices will use Band 48 for this demonstration during the hours of 7:30am – 6:00pm January 6-10 at this location:

3325 S Las Vegas Blvd, Las Vegas, NV 89109, United States of America
Latitude: 36.124649 | Longitude: -115.168800

The Indoor Enterprise CBRS Small Cell is a Category B CBSD. It has a total EIRP of 36dBm (30dBm per 10MHz) and supports 2x2 DL MIMO with 2CC CA. It contains four 6dBi omni-directional internal antennas. The Outdoor Fixed Wireless CBRS CPE is a 4T/8R 3GPP Rel 12 Category 15 device with support for 2x2 DL MIMO and 4CC CA. It has directional 12dBi antennas powered by 23dBm per Tx chain. The CBRS USB Dongle is a 3GPP Rel 10 Cat 6 device that connects to your laptop or other USB power device to enable a CBRS connection. It is a 1T/2R device with support for contiguous 2CC CA and has an output power of 23dBm. The fixed wireless CPE and the USB dongle will power live video and data traffic streams at the Sercomm booth to showcase the capabilities of CBRS. Sercomm is requesting STA for the duration of this conference for demonstration our CBRS technology to potential customers and the larger industry.

The illustration below shows the planned demo layout.

