

**Call Sign: WM2XYI**

**Attachment 1: Operational Information for Experimental License**

**File No. 0031-EX-CM-2024**

**Explanation:**

Proposed updates to Call Sign WM2XYI:

- Adding the additional antenna model Crossbow BT974976.
- Adding the additional commercial radio unit model Benetel 650.
- Extending the frequency range down to 3300 MHz.
- Adding outdoor usage, just outside of building.

**Purpose:** To expand the research and development using the 5G equipment in the frequency range of 3300 to 3800 MHz on the Intel campus.

**Confidentiality Requested?**

No

**Fixed & Mobile operation:**

Start: 3300 MHz (New)

Stop: 3800 MHz

Channel / Emission BWs 10, 20, 40, 50, & 100 MHz

**Equipment used:**

2 each Benetel 650 Radio Units (New)

4 each Crossbow BT974976 Antenna (New)

10 each Samsung S21 smartphones

10 each Foxconn 7800/7801, radio transmitters for small cell - production

Call Sign: WM2XYI

**Location: (updated)**

5000 W Chandler Blvd

M/S: CH6139

Chandler, Maricopa County, Arizona 85226

500 meter radius



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