

## 24XStream Frequency Hopping Data Module

### FCC NOTICE



**WARNING:** This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation.

### LABELING REQUIREMENTS



**WARNING:** The Original Equipment Manufacturer (OEM) must ensure that FCC labeling requirements are met. This includes a clearly visible label on the outside of the OEM enclosure specifying "Contains Transmitter Module, FCC ID: OUR-24XSTREAM" as well as the FCC Notice above.

### ANTENNA WARNING



**WARNING:** This device has been tested with Reverse Polarity SMA and MMCX connectors with the antennas listed below. When integrated in the OEMs product, these fixed antennas require installation preventing end-users from replacing them with non-approved antennas. Any antenna not in the following table must be tested to comply with FCC Section 15.203 for unique antenna connectors and Section 15.247 for emissions.

**APPROVED ANTENNA LIST & ANTENNA SEPARATION DISTANCES**  
**FOR COMPLIANCE WITH FCC EXPOSURE REQUIREMENTS**

<b>Manufacturer</b>	<b>Part Number</b>	<b>Type</b>	<b>Gain (dBi)</b>	<b>Application*</b>	<b>Antenna Separation Distance for FCC RX Exposure Compliance</b>
MaxStream	A24-Y6	Yagi	6	F	2 meters
MaxStream	A24-Y8	Yagi	8.8	F	2 meters
MaxStream	A24-Y9	Yagi	9	F	2 meters
MaxStream	A24-Y10	Yagi	10	F	2 meters
MaxStream	A24-Y11	Yagi	11	F	2 meters
MaxStream	A24-Y12	Yagi	12	F	2 meters
MaxStream	A24-Y12	Yagi	12.5	F	2 meters
MaxStream	A24-Y13	Yagi	13.5	F	2 meters
MaxStream	A24-Y15	Yagi	15	F	2 meters
MaxStream	A24-F2	Omni Directional	2.1	M/F	20 centimeters
MaxStream	A24-F3	Omni Directional	3	M/F	20 centimeters
MaxStream	A24-F5	Omni Directional	5	M/F	20 centimeters
MaxStream	A24-F7	Omni Directional	7.2	F	2 meters
MaxStream	A24-F8	Omni Directional	8	F	2 meters
MaxStream	A24-F9	Omni Directional	9.5	F	2 meters
MaxStream	A24-F10	Omni Directional	10	F	2 meters
MaxStream	A24-F12	Omni Directional	12	F	2 meters
MaxStream	A24-F15	Omni Directional	15	F	2 meters
MaxStream	A24-P8	Panel	8.5	F	2 meters
MaxStream	A24-P13	Panel	13	F	2 meters
MaxStream	A24-P14	Panel	14	F	2 meters
MaxStream	A24-P15	Panel	15	F	2 meters
MaxStream	A24-P16	Panel	16	F	2 meters
MaxStream	A24-P19	Panel	19	F	2 meters
MaxStream	A24-HABMM-P6I	Dipole	2.1	M/F	20 centimeters
MaxStream	A24-HBMM-P6I	Dipole	2.1	M/F	20 centimeters
MaxStream	A24-HABSM	Dipole	2.1	M/F	20 centimeters
MaxStream	A24-QABMM-P6I	Monopole	1.9	M/F	20 centimeters
MaxStream	A24-QBMM-P6I	Monopole	1.9	M/F	20 centimeters
MaxStream	A24-QI	Monopole	1.9	M/F	20 centimeters

\*M=Mobile, F=Fixed/Base-Station

**RF EXPOSURE**



**WARNING:** This equipment is approved only for mobile and base station transmitting devices separation distances of (i) 20 centimeters or more for antennas with gains < 6 dBi or (ii) 2 meters or more for antennas with gains ≥ 6 dBi should be maintained between the antenna of this device and persons during operation. To ensure compliance, operation at distances closer than this is not recommended.

The preceding statement must be included as a CAUTION statement in manuals for OEM products to alert users on FCC RF Exposure compliance.

## FCC Qualifications

**IMPORTANT:** The 24XStream module has been certified as a module by the FCC for integration into OEM products without further certification being necessary (as per FCC section 2.1091.) The OEM must satisfy the following requirements in order to comply with FCC regulations:

- 1) The system integrator must ensure that the external label provided with this device is placed on the outside of the final product.
- 2) In order to comply with the FCC RF exposure requirements, the 24XStream may be used only with Approved Antennas that have been tested with this module and a minimum separation distance of 20 cm must be maintained from the antenna to any nearby persons. The OEM must also include a statement in the final product manual, informing users of the requirement to maintain 20 cm separation from the antenna to any nearby persons. If the OEM integrates the 24XStream into their final product, where the final product utilizes a non-approved antenna or is classified as a portable device per FCC Section 2.1093 (less than 20 cm separation distance between the antenna to any nearby persons), the OEM is responsible for obtaining a separate authorization on the final product.

## Warranty

The 24XStream module from MaxStream is warranted against defects in materials and manufacturing for a period of 90 days from the date of purchase. In the event of a product failure due to materials or workmanship, MaxStream will repair or replace the defective product. For warranty service, return the defective product to MaxStream for prompt repair or replacement.

MaxStream, its suppliers, and its licensors shall in no event be liable for any damages arising from the use of or inability to use this product. This includes business interruption, loss of business information, or other losses that may arise from the use of this product.