

# X-Band Beacon Transmitter



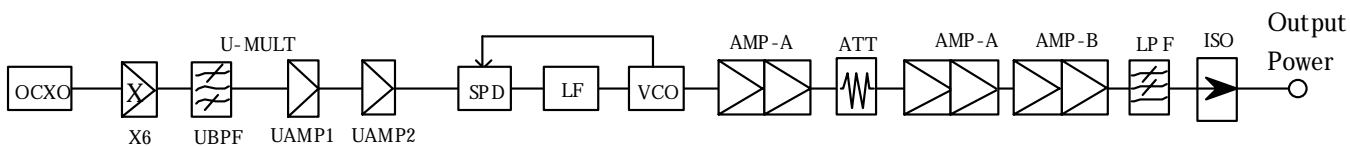
## Features

- Output Power of 19dBm min.
- Frequency Stability of Less Than 7.0PPM over Life
- Power Consumption of 7.5 W max
- Vertical Structure

## Heritage

- Superbird-C
- Superbird-4

## Block Diagram



## Performance Summary

<u>Items</u>	<u>Description</u>	<u>Remarks</u>
Operating Frequency Range Output Power Frequency Stability over AT Frequency Stability over Life Spurious Harmonics Phase Noise  Power Consumption Dimension (in mm) Weight	7 - 8 GHz > 16dBm < 1 PPM < 4PPM < -60dBc < -70dBc < -60dBc @10Hz offset < -85dBc @100Hz offset < -90dBc @1KHz offset < 7.5W 154 x 190 x 77 < 1.5Kg	Pointing Frequency Signal