

Operational Description:

The EC-706HP-BB2 digital transmitter system is an up to 6600W average power (when using ATSC 1.0 8VSB modulation), 5700W average power (when using ATSC 3.0 COFDM modulation) that consists of a Hitachi Kokusai Electric Comark Exact V2 digital exciter, Hitachi Kokusai Electric Linear CM-8001 Drive controller, six (6) GV40159 Amplifiers, a passive hybrid combining system, a 40063 Low pass filter, and a Com-Tech TF6D170C 6 Pole Mask Filter (or equivalent or more stringent filter). This system is used to provide an ATSC 1.0 or ATSC 3.0 modulated signal over the UHF channels 14 through 36 in a manner consistent with FCC Part 74.