Title: REMOTE RADIO HEAD UNIT WITH WIDEBAND POWER AMPLIFIER AND METHOD

Abstract: A remote radio head unit (RRU) system for multiple operating frequency bands, multi-channels, driven by a single or more wide band power amplifiers. More specifically, the present invention enables multiple-bands RRU to use fewer power amplifiers in order to reduce size and cost of the multi-band RRU. The present invention is based on the method of using duplexer and/or interference cancellation system technique to increase the isolation between the transmitter signal and receiver signal of the RRU.
Previous Correction:
see Notice of 22 September 2011