

Low Frequency VM Status

Maciej Grzegorzówka

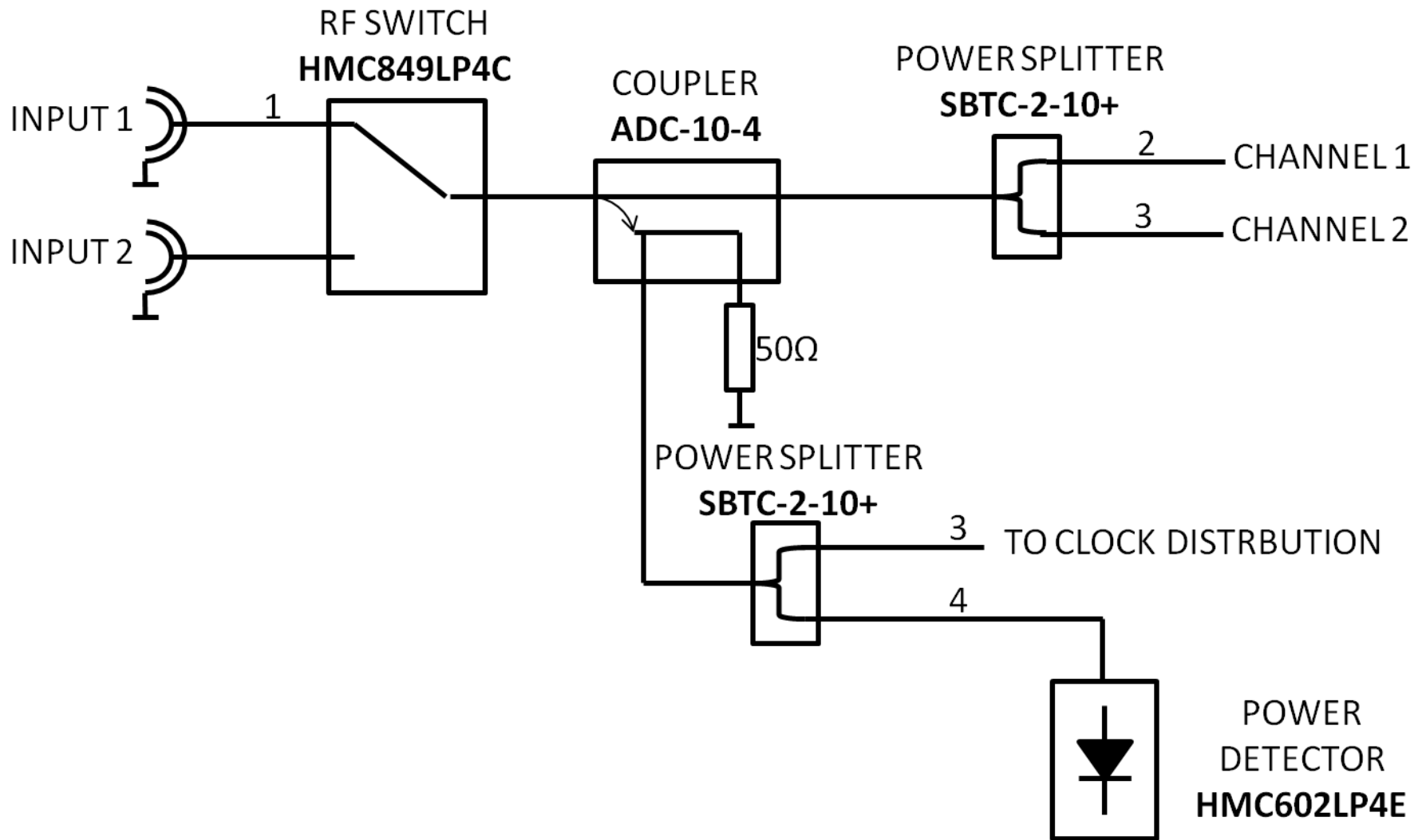
Low Frequency VM Status
Otwock-Świerk, 20.02.2013

Agenda

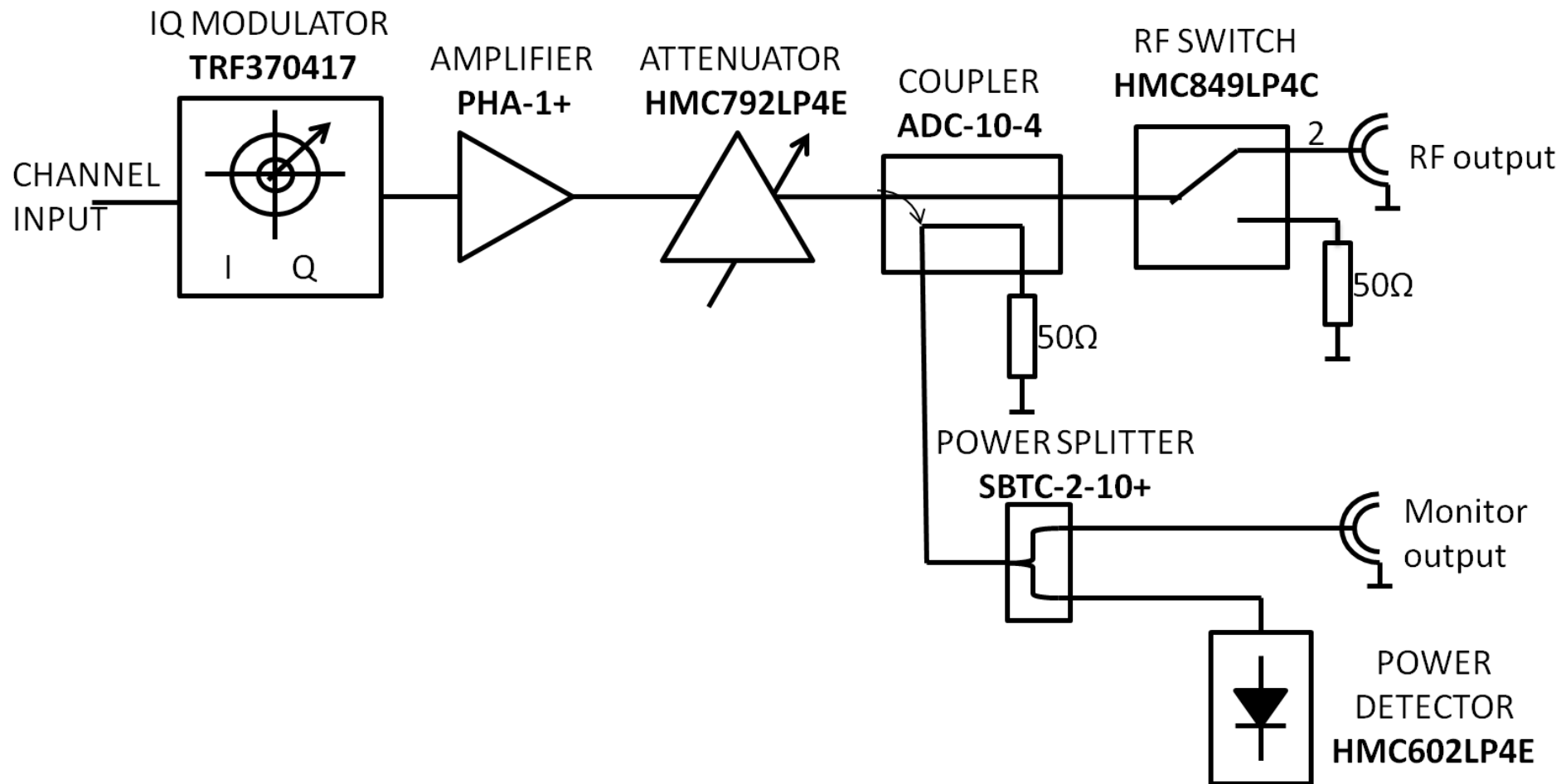
- > Block Diagrams
- > Specification
- > Project Status
- > Plans



Block diagram of RF power distribution

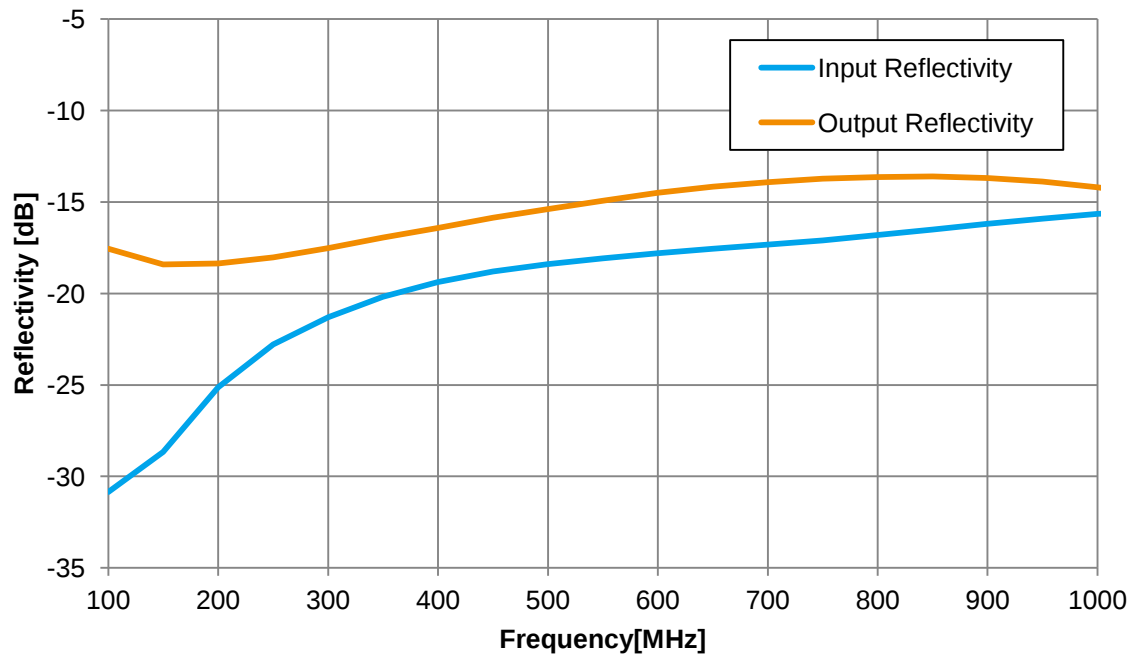


Block diagram of signal modulation channel



Specification

- Frequency Range: 100 MHz-1GHz
- Modulation Range: -50 MHz ... 0 ... + 50 MHz
- Maximum Output Power: 15 dBm
- Monitor Output Power: Max 2dBm
- Phase Noise Floor: <-150 dBc/Hz



Project Status

- > Parts selection – done.
- > Schematics - ready.
- > Simulations - verified.



Plans

- > High frequency version Gerbers - verified by ILFA.
- > PCB routing - after verification
- > First board expected by May 2013



Questions



Thank You for your attention

