Changes to M5800S Product line for Rev A.

1. Changed RF filters to ceramic type and added one more on transmit side to increase LO and harmonic attenuation.
2. Replaced SAW filters with SMT type.
3. Combined to switches on RF output into a single switch.
4. Replace discrete VCO with a PLL module.
5. Replaced and consolidated IF strip amplifiers.
6. Moved RF connector locations.
7. Replaced Metal shield with copper coated plastic shield.
8. Added resistive heater to heat Ethernet chip at low temperatures.
9. Added temperature sensor.
10. Added EMI filter on 44 MHz clock.
11. Added lightning protection to Ethernet lines.