Fabrication Notes Stackup

Impedence Control

50Ω for Ultra Wideband RF [5~8 GHz]
- Controlled traces run from U2-S2-{-A1,-A2,-S4-A3}

50Ω for Bluetooh RF [2.4 GHz] - Controlled traces run from XA1-A4

All modeled as Coplanar waveguide. SaturnPCB Calculator Configuration: W=14 mil (0.356 mm) H= 7.87mil G=10 mil [W/H=1.779 < 2, $\sqrt{\ }$] Er 4.7 is high end for 7630 materials 4.7 -> 49.9 Ω 4.6 -> 50.4 Ω reasonable hedge

Panelization

Any OK. OK to leave mouse bite tabs any edge.

