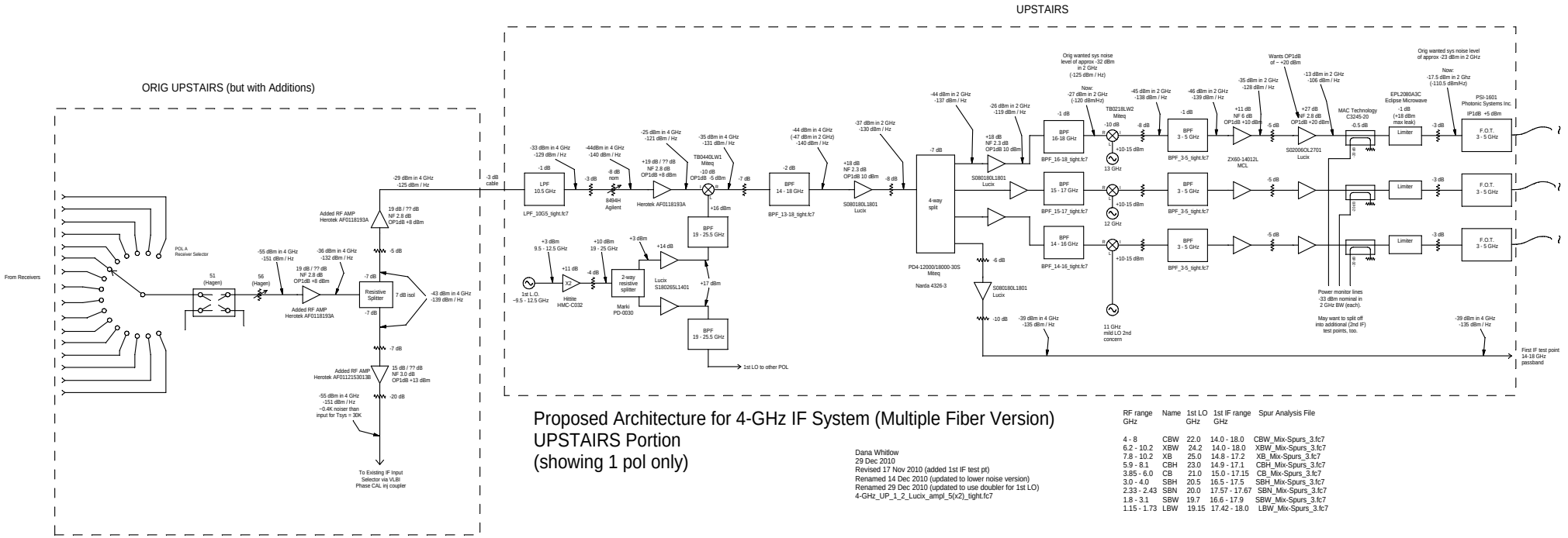

Proposed Architecture for 4-GHz IF System (Multiple Fiber Version)
UPSTAIRS Portion
(showing 1 pol only)

Dana Whitlow

29 Dec 2010
Revised 17 Nov 2010 (added 1st IF test pt)
Renamed 14 Dec 2010 (updated to lower noise version)
Renamed 29 Dec 2010 (updated to use doubler for 1st LO)
4-GHz_UP_1_2_Lucix_ampl_5(x2)_tight.fc7

RF range GHz	Name	1st LO GHz	1st IF range GHz	Spur Analysis File
4 - 8	CBW	22.0	14.0 - 18.0	CBW_Mix-Spurs_3.fc7
6.2 - 10.2	XBW	24.2	14.0 - 18.0	XBW_Mix-Spurs_3.fc7
7.8 - 10.2	XB	25.0	14.8 - 17.2	XB_Mix-Spurs_3.fc7
5.9 - 8.1	CBH	23.0	14.9 - 17.1	CBH_Mix-Spurs_3.fc7
3.85 - 6.0	CB	21.0	15.0 - 17.15	CB_Mix-Spurs_3.fc7
3.0 - 4.0	SBH	20.5	16.5 - 17.5	SBH_Mix-Spurs_3.fc7
2.33 - 2.43	SBN	20.0	17.57 - 17.67	SBN_Mix-Spurs_3.fc7
1.8 - 3.1	SBW	19.7	16.6 - 17.9	SBW_Mix-Spurs_3.fc7
1.15 - 1.73	LBW	19.15	17.42 - 18.0	LBW_Mix-Spurs_3.fc7