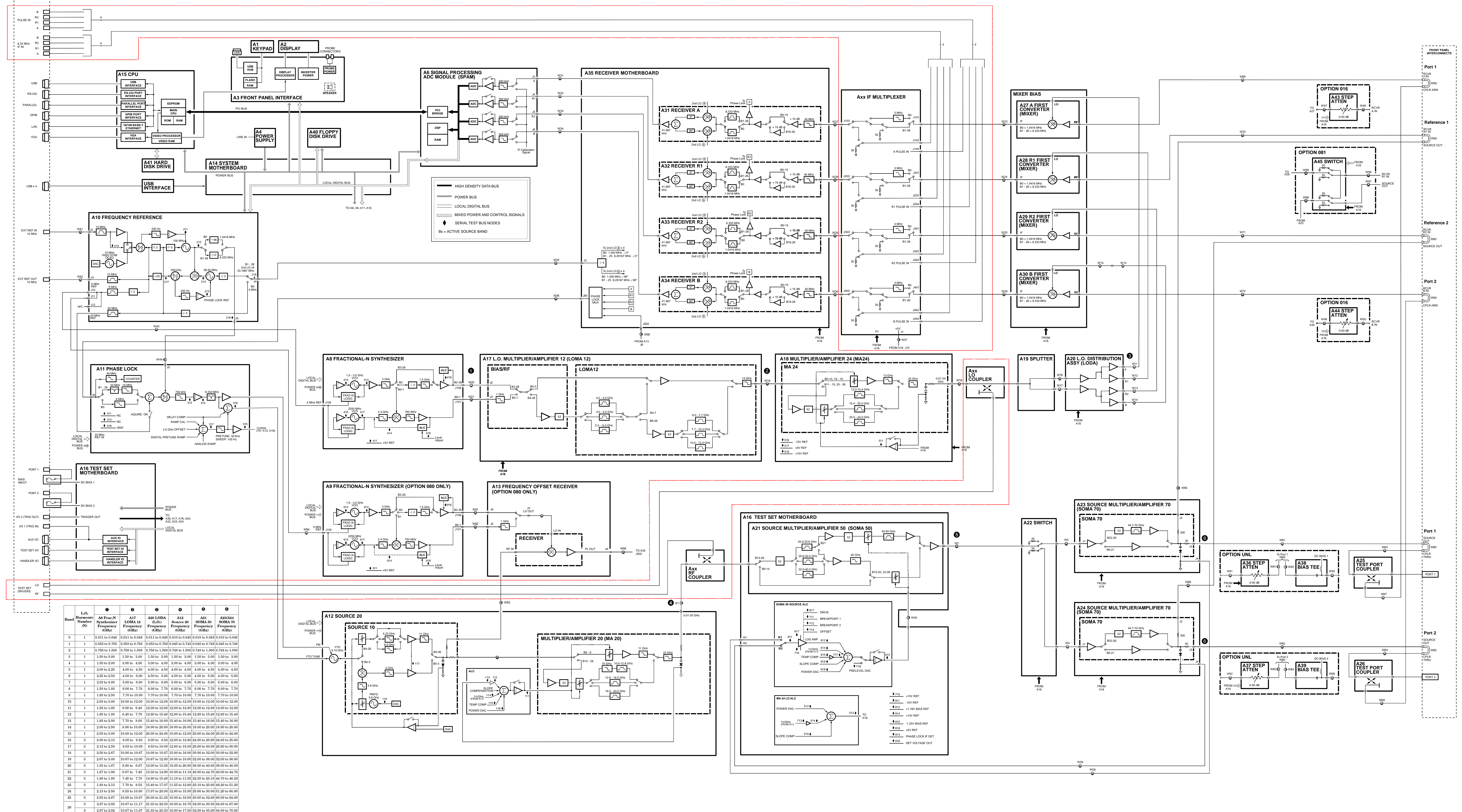


E8361A H11 Overall Block Diagram
 (H11 requires options 014, 080, 081, and UNL. Option 016 is not required)
 Service Guide: E8361-90001

PRELIMINARY - H11 outlined in red



Band	L.O. Harmonic Number (N)	A8 Fractional-N Synthesizer Frequency (GHz)	A17 LOMA 12 Frequency (GHz)	A18 L.O. Frequency (GHz)	A21 Source 20 Frequency (GHz)	A23 SOMA 70 Frequency (GHz)	A24 SOMA 70 Frequency (GHz)
0	1	0.011 to 0.046	0.011 to 0.046	0.011 to 0.046	0.010 to 0.045	0.010 to 0.045	0.010 to 0.045
1	1	0.050 to 0.256	0.050 to 0.256	0.050 to 0.256	0.045 to 0.248	0.045 to 0.248	0.045 to 0.248
2	1	0.260 to 1.006	0.260 to 1.006	0.260 to 1.006	0.248 to 1.000	0.248 to 1.000	0.248 to 1.000
3	1	1.050 to 3.000	1.050 to 3.000	1.050 to 3.000	1.000 to 3.000	1.000 to 3.000	1.000 to 3.000
4	1	3.050 to 4.500	3.050 to 4.500	3.050 to 4.500	3.000 to 4.500	3.000 to 4.500	3.000 to 4.500
5	1	4.550 to 6.000	4.550 to 6.000	4.550 to 6.000	4.500 to 6.000	4.500 to 6.000	4.500 to 6.000
6	1	6.050 to 7.500	6.050 to 7.500	6.050 to 7.500	6.000 to 7.500	6.000 to 7.500	6.000 to 7.500
7	1	7.550 to 9.000	7.550 to 9.000	7.550 to 9.000	7.500 to 9.000	7.500 to 9.000	7.500 to 9.000
8	1	9.050 to 10.500	9.050 to 10.500	9.050 to 10.500	9.000 to 10.500	9.000 to 10.500	9.000 to 10.500
9	1	10.550 to 12.000	10.550 to 12.000	10.550 to 12.000	10.500 to 12.000	10.500 to 12.000	10.500 to 12.000
10	1	12.050 to 13.500	12.050 to 13.500	12.050 to 13.500	12.000 to 13.500	12.000 to 13.500	12.000 to 13.500
11	1	13.550 to 15.000	13.550 to 15.000	13.550 to 15.000	13.500 to 15.000	13.500 to 15.000	13.500 to 15.000
12	1	15.050 to 16.500	15.050 to 16.500	15.050 to 16.500	15.000 to 16.500	15.000 to 16.500	15.000 to 16.500
13	1	16.550 to 18.000	16.550 to 18.000	16.550 to 18.000	16.500 to 18.000	16.500 to 18.000	16.500 to 18.000
14	1	18.050 to 19.500	18.050 to 19.500	18.050 to 19.500	18.000 to 19.500	18.000 to 19.500	18.000 to 19.500
15	1	19.550 to 21.000	19.550 to 21.000	19.550 to 21.000	19.500 to 21.000	19.500 to 21.000	19.500 to 21.000
16	3	21.050 to 22.500	21.050 to 22.500	21.050 to 22.500	21.000 to 22.500	21.000 to 22.500	21.000 to 22.500
17	3	22.550 to 24.000	22.550 to 24.000	22.550 to 24.000	22.500 to 24.000	22.500 to 24.000	22.500 to 24.000
18	3	24.050 to 25.500	24.050 to 25.500	24.050 to 25.500	24.000 to 25.500	24.000 to 25.500	24.000 to 25.500
19	3	25.550 to 27.000	25.550 to 27.000	25.550 to 27.000	25.500 to 27.000	25.500 to 27.000	25.500 to 27.000
20	3	27.050 to 28.500	27.050 to 28.500	27.050 to 28.500	27.000 to 28.500	27.000 to 28.500	27.000 to 28.500
21	3	28.550 to 30.000	28.550 to 30.000	28.550 to 30.000	28.500 to 30.000	28.500 to 30.000	28.500 to 30.000
22	3	30.050 to 31.500	30.050 to 31.500	30.050 to 31.500	30.000 to 31.500	30.000 to 31.500	30.000 to 31.500
23	3	31.550 to 33.000	31.550 to 33.000	31.550 to 33.000	31.500 to 33.000	31.500 to 33.000	31.500 to 33.000
24	3	33.050 to 34.500	33.050 to 34.500	33.050 to 34.500	33.000 to 34.500	33.000 to 34.500	33.000 to 34.500
25	3	34.550 to 36.000	34.550 to 36.000	34.550 to 36.000	34.500 to 36.000	34.500 to 36.000	34.500 to 36.000
26	3	36.050 to 37.500	36.050 to 37.500	36.050 to 37.500	36.000 to 37.500	36.000 to 37.500	36.000 to 37.500
27	3	37.550 to 39.000	37.550 to 39.000	37.550 to 39.000	37.500 to 39.000	37.500 to 39.000	37.500 to 39.000
28	3	39.050 to 40.500	39.050 to 40.500	39.050 to 40.500	39.000 to 40.500	39.000 to 40.500	39.000 to 40.500
29	3	40.550 to 42.000	40.550 to 42.000	40.550 to 42.000	40.500 to 42.000	40.500 to 42.000	40.500 to 42.000
30	3	42.050 to 43.500	42.050 to 43.500	42.050 to 43.500	42.000 to 43.500	42.000 to 43.500	42.000 to 43.500
31	3	43.550 to 45.000	43.550 to 45.000	43.550 to 45.000	43.500 to 45.000	43.500 to 45.000	43.500 to 45.000
32	3	45.050 to 46.500	45.050 to 46.500	45.050 to 46.500	45.000 to 46.500	45.000 to 46.500	45.000 to 46.500
33	3	46.550 to 48.000	46.550 to 48.000	46.550 to 48.000	46.500 to 48.000	46.500 to 48.000	46.500 to 48.000
34	3	48.050 to 49.500	48.050 to 49.500	48.050 to 49.500	48.000 to 49.500	48.000 to 49.500	48.000 to 49.500
35	3	49.550 to 51.000	49.550 to 51.000	49.550 to 51.000	49.500 to 51.000	49.500 to 51.000	49.500 to 51.000
36	3	51.050 to 52.500	51.050 to 52.500	51.050 to 52.500	51.000 to 52.500	51.000 to 52.500	51.000 to 52.500