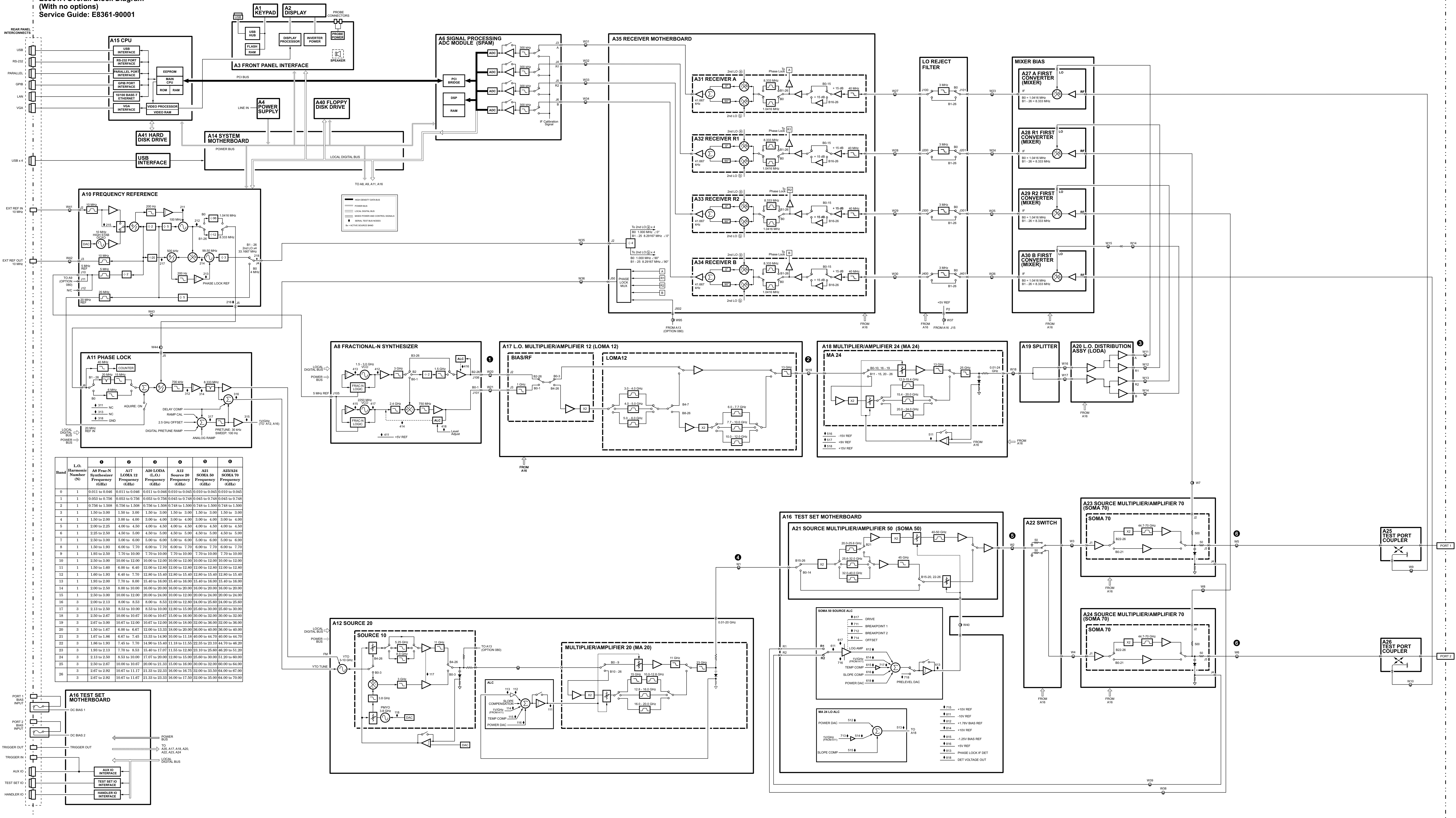


E8361A Overall Block Diagram
(With no options)
Service Guide: E8361-90001



Band	L.O. Harmonic Number (N)	A8 Frac-N Synthesizer Frequency (GHz)	A17 LOMA 12 Frequency (GHz)	A20 LOMA 12 (L.O.) Frequency (GHz)	A12 Source 20 Frequency (GHz)	A21 SOMA 50 Frequency (GHz)	A23/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	0.053 to 0.756	0.053 to 0.756	0.053 to 0.756	0.045 to 0.748	0.045 to 0.748	0.045 to 0.748
2	1	0.756 to 1.508	0.756 to 1.508	0.756 to 1.508	0.748 to 1.500	0.748 to 1.500	0.748 to 1.500
3	1	1.50 to 3.00	1.50 to 3.00	1.50 to 3.00	1.50 to 3.00	1.50 to 3.00	1.50 to 3.00
4	1	1.50 to 2.00	3.00 to 4.00	3.00 to 4.00	3.00 to 4.00	3.00 to 4.00	3.00 to 4.00
5	1	2.00 to 2.25	4.00 to 4.50	4.00 to 4.50	4.00 to 4.50	4.00 to 4.50	4.00 to 4.50
6	1	2.25 to 2.50	4.50 to 5.00	4.50 to 5.00	4.50 to 5.00	4.50 to 5.00	4.50 to 5.00
7	1	2.50 to 3.00	5.00 to 6.00	5.00 to 6.00	5.00 to 6.00	5.00 to 6.00	5.00 to 6.00
8	1	1.50 to 1.83	6.00 to 7.70	6.00 to 7.70	6.00 to 7.70	6.00 to 7.70	6.00 to 7.70
9	1	1.83 to 2.50	7.70 to 10.00	7.70 to 10.00	7.70 to 10.00	7.70 to 10.00	7.70 to 10.00
10	1	2.50 to 3.00	10.00 to 12.00	10.00 to 12.00	10.00 to 12.00	10.00 to 12.00	10.00 to 12.00
11	1	1.50 to 1.60	6.00 to 6.40	12.00 to 12.80	12.00 to 12.80	12.00 to 12.80	12.00 to 12.80
12	1	1.60 to 1.83	6.40 to 7.70	12.80 to 15.40	12.80 to 15.40	12.80 to 15.40	12.80 to 15.40
13	1	1.83 to 2.00	7.70 to 8.00	15.40 to 16.00	15.40 to 16.00	15.40 to 16.00	15.40 to 16.00
14	1	2.00 to 2.50	8.00 to 10.00	16.00 to 20.00	16.00 to 20.00	16.00 to 20.00	16.00 to 20.00
15	1	2.50 to 3.00	10.00 to 12.00	20.00 to 24.00	20.00 to 24.00	20.00 to 24.00	20.00 to 24.00
16	3	2.00 to 2.13	8.00 to 8.53	8.00 to 8.53	12.00 to 12.80	24.00 to 25.60	24.00 to 25.60
17	3	2.13 to 2.50	8.53 to 10.00	8.53 to 10.00	12.80 to 15.00	25.60 to 30.00	25.60 to 30.00
18	3	2.50 to 2.67	10.00 to 10.67	10.00 to 10.67	15.00 to 16.00	30.00 to 32.00	30.00 to 32.00
19	3	2.67 to 3.00	10.67 to 12.00	10.67 to 12.00	16.00 to 18.00	32.00 to 36.00	32.00 to 36.00
20	3	1.50 to 1.67	6.00 to 6.67	12.00 to 13.33	16.00 to 20.00	36.00 to 40.00	36.00 to 40.00
21	3	1.67 to 1.86	6.67 to 7.45	13.33 to 14.90	10.00 to 11.18	40.00 to 44.70	40.00 to 44.70
22	3	1.86 to 1.93	7.45 to 7.70	14.90 to 15.40	11.18 to 11.55	22.35 to 23.10	44.70 to 46.20
23	3	1.93 to 2.13	7.70 to 8.53	15.40 to 17.07	11.55 to 12.80	23.10 to 25.60	46.20 to 51.20
24	3	2.13 to 2.50	8.53 to 10.00	17.07 to 20.00	12.80 to 15.00	25.60 to 30.00	51.20 to 60.00
25	3	2.50 to 2.67	10.00 to 10.67	20.00 to 21.33	15.00 to 16.00	30.00 to 32.00	60.00 to 64.00
26	3	2.67 to 2.92	10.67 to 11.17	21.33 to 22.33	16.00 to 16.75	32.00 to 33.50	64.00 to 67.00
27	3	2.67 to 2.92	10.67 to 11.67	21.33 to 23.33	16.00 to 17.50	32.00 to 35.00	64.00 to 70.00