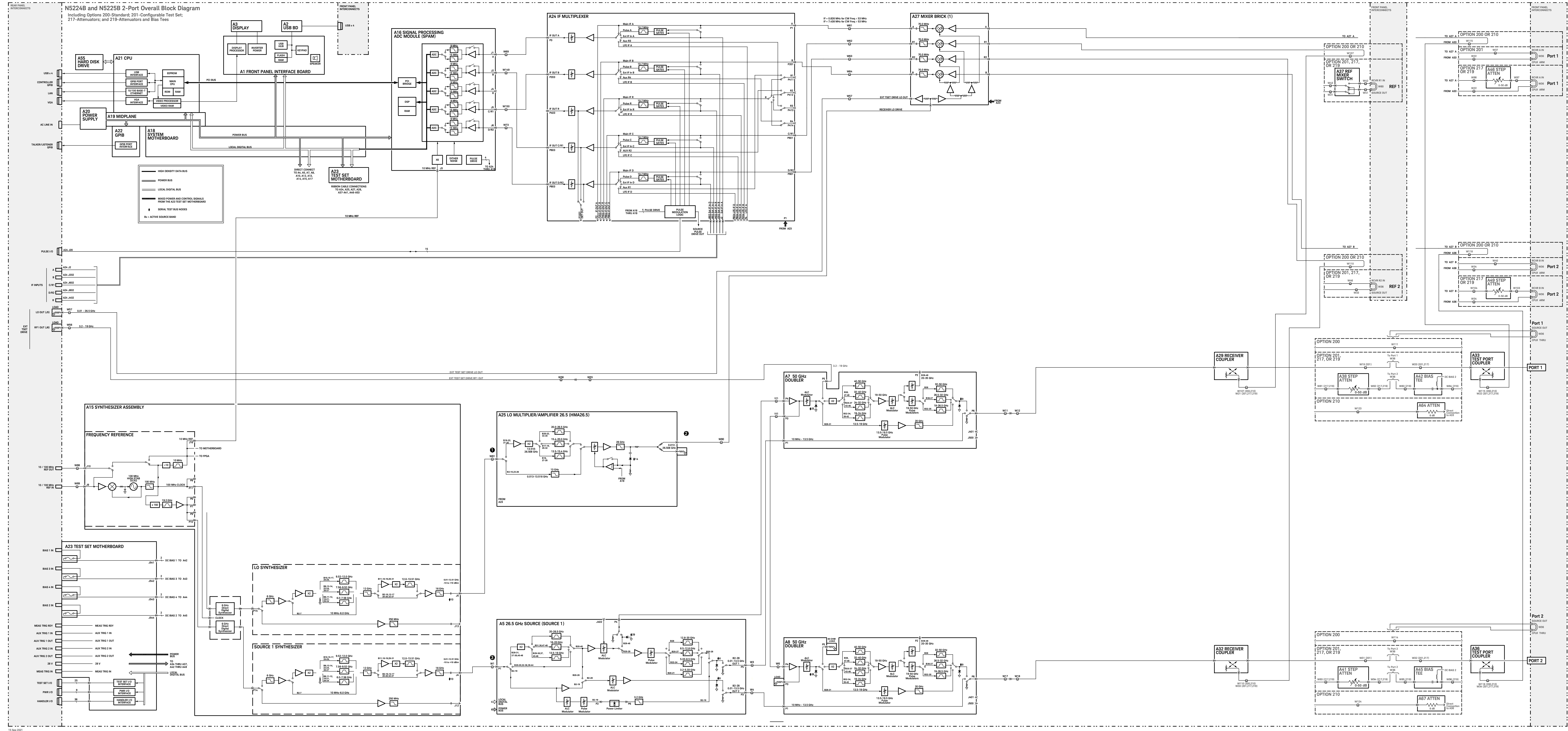


Block Number	LO Synthesizer Frequency (GHz)	A25 HMA26.5 Frequency (GHz)	RF Synthesizer Frequency (GHz)	A5/A10 Source Frequency (GHz)	A7/A8/A12/A13 50 GHz Doubler Frequency (GHz)
1	0.01248 to 0.05548	0.01248 to 0.05548	0.010 to 0.053	0.010 to 0.053	0.010 to 0.053
2	0.07148 to 0.05548	0.07148 to 0.05548	0.053 to 0.175	0.053 to 0.175	0.053 to 0.175
3	0.18244 to 0.18244	0.06044 to 0.18244	0.053 to 0.175	0.053 to 0.175	0.053 to 0.175
4	0.18244 to 0.25744	0.18244 to 0.25744	0.175 to 0.250	0.175 to 0.250	0.175 to 0.250
5	0.25744 to 0.30744	0.25744 to 0.30744	0.250 to 0.300	0.250 to 0.300	0.250 to 0.300
6	0.30744 to 3.2074	0.30744 to 3.2074	0.300 to 3.200	0.300 to 3.200	0.300 to 3.200
7	3.2074 to 6.0074	3.2074 to 6.0074	3.200 to 6.000	3.200 to 6.000	3.200 to 6.000
8	6.0074 to 7.6074	6.0074 to 7.6074	6.000 to 7.600	6.000 to 7.600	6.000 to 7.600
9	7.6074 to 8.5274	7.6074 to 8.5274	7.600 to 8.500	7.600 to 8.500	7.600 to 8.500
10	8.5274 to 12.0074	8.5274 to 12.0074	8.520 to 12.000	8.520 to 12.000	8.520 to 12.000
11	12.0074 to 13.5174	12.0074 to 13.5174	12.000 to 13.510	12.000 to 13.510	12.000 to 13.510
12	13.5174 to 15.2074	13.5174 to 15.2074	13.510 to 15.200	13.510 to 15.200	13.510 to 15.200
13	15.2074 to 16.9374	15.2074 to 16.9374	15.200 to 16.930	15.200 to 16.930	15.200 to 16.930
14	16.9374 to 18.9074	16.9374 to 18.9074	16.930 to 18.900	16.930 to 18.900	16.930 to 18.900
15	18.9074 to 19.9474	18.9474 to 20.0274	19.940 to 20.000	19.940 to 20.000	19.940 to 20.000
16	19.9474 to 21.3074	20.0274 to 21.3074	20.000 to 21.300	20.000 to 21.300	20.000 to 21.300
17	21.3074 to 24.0074	21.3074 to 24.0074	21.300 to 24.000	21.300 to 24.000	21.300 to 24.000
18	24.0074 to 26.5074	24.0074 to 26.5074	24.000 to 26.500	24.000 to 26.500	24.000 to 26.500
19	26.5074 to 28.5074	26.5074 to 28.5074	26.500 to 28.500	26.500 to 28.500	26.500 to 28.500
20	28.5074 to 30.4074	28.5074 to 30.4074	28.500 to 30.400	28.500 to 30.400	28.500 to 30.400
21	30.4074 to 32.4074	30.4074 to 32.4074	30.400 to 32.400	30.400 to 32.400	30.400 to 32.400
22	32.4074 to 34.4074	32.4074 to 34.4074	32.400 to 34.400	32.400 to 34.400	32.400 to 34.400
23	34.4074 to 36.4074	34.4074 to 36.4074	34.400 to 36.400	34.400 to 36.400	34.400 to 36.400
24	36.4074 to 38.4074	36.4074 to 38.4074	36.400 to 38.400	36.400 to 38.400	36.400 to 38.400
25	38.4074 to 40.4074	38.4074 to 40.4074	38.400 to 40.400	38.400 to 40.400	38.400 to 40.400
26	40.4074 to 42.4074	40.4074 to 42.4074	40.400 to 42.400	40.400 to 42.400	40.400 to 42.400
27	42.4074 to 44.4074	42.4074 to 44.4074	42.400 to 44.400	42.400 to 44.400	42.400 to 44.400
28	44.4074 to 46.4074	44.4074 to 46.4074	44.400 to 46.400	44.400 to 46.400	44.400 to 46.400
29	46.4074 to 48.4074	46.4074 to 48.4074	46.400 to 48.400	46.400 to 48.400	46.400 to 48.400
30	48.4074 to 50.4074	48.4074 to 50.4074	48.400 to 50.400	48.400 to 50.400	48.400 to 50.400



Test Node	Error Description	Assembly	Frequency Band
8	Unlevelled, Source 1, Out 1	A5	0.01 - 13.5 GHz
9	Unlevelled, Source 1, Out 2	A7	13.5 - 50 GHz
10	Unlevelled, Source 1 Synthesizer	A4	13.5 - 50 GHz
11	Unlevelled, Source 2, Out 1	A12	13.5 - 50 GHz
12	Unlevelled, Source 2, Out 2	A10	0.01 - 13.5 GHz
13	Unlevelled, Source 2 Synthesizer	A13	13.5 - 50 GHz
14	Unlevelled, LO Drive	A17	Full Range
15	Unlevelled, LO Synthesizer	A25	Full Range
16	Unlevelled, Source 1 Synthesizer, Integrator Low	A4	Full Range
17	Unlevelled, Source 1 Synthesizer, Integrator High	A4	Full Range
19	Unlevelled, Source 2 Synthesizer, Integrator Low	A17	Full Range
20	Unlevelled, Source 2 Synthesizer, Integrator High	A17	Full Range
22	Unlevelled, LO Synthesizer, Integrator Low	A15	Full Range
23	Unlevelled, LO Synthesizer, Integrator High	A15	Full Range
25	Unlevelled, Doubler 1, Prelevel	A7	13.5 - 70 GHz
26	Unlevelled, Doubler 2, Prelevel	A8	13.5 - 70 GHz
27	Unlevelled, Doubler 3, Prelevel	A12	13.5 - 70 GHz
28	Unlevelled, Doubler 4, Prelevel	A13	13.5 - 70 GHz
29	Unlevelled, Source 1, PA	A5	13.5 - 70 GHz
30	Unlevelled, Source 2, PA	A10	13.5 - 70 GHz