

Band	Mixer Brick L.O. Harmonic Number	1				2				3				4						
		A10 Synthesizer Frequency (GHz)				A4 Synthesizer Frequency (GHz)				A22 HMA26.5 Frequency (GHz)				A23 MASS50 Frequency (GHz)						
1																				
2	1	0.01744 to 0.25744	0.010 to 0.250	0.010 to 0.250	0.010 to 0.250															
3	1	0.2574 to 0.5074	0.250 to 0.500	0.250 to 0.500	0.250 to 0.500															
4	1	0.5074 to 1.0074	0.500 to 1.000	0.500 to 1.000	0.500 to 1.000															
5	1	1.0074 to 2.0074	1.000 to 2.000	1.000 to 2.000	1.000 to 2.000															
6	1	2.0074 to 3.0074	2.000 to 3.000	2.000 to 3.000	2.000 to 3.000															
7	1	3.0074 to 4.0074	3.000 to 4.000	3.000 to 4.000	3.000 to 4.000															
8	1	4.0074 to 5.3394	4.000 to 5.332	4.000 to 5.332	4.000 to 5.332															
9	1	5.3394 to 6.7594	5.332 to 6.752	5.332 to 6.752	5.332 to 6.752															
10	1	6.7594 to 8.0074	6.752 to 8.000	6.752 to 8.000	6.752 to 8.000															
11	1	8.0074 to 10.6714	8.000 to 10.664	8.000 to 10.664	8.000 to 10.664															
12	1	10.6714 to 13.5174	10.664 to 13.510	10.664 to 13.510	10.664 to 13.510															
13	3	4.5058 to 5.1358	13.510 to 15.400	13.510 to 15.400	13.510 to 15.400															
14	3	5.1358 to 5.3358	15.400 to 16.000	15.400 to 16.000	15.400 to 16.000															
15	3	5.3358 to 6.6691	8.000 to 10.000	16.000 to 20.000	16.000 to 20.000															
16	3	6.6691 to 6.7545	10.000 to 10.128	20.000 to 20.256	20.000 to 20.256															
17	3	6.7545 to 7.1118	10.128 to 10.664	20.256 to 21.328	20.256 to 21.328															
18	3	7.1118 to 8.0025	21.328 to 24.000	21.328 to 24.000	21.328 to 24.000															
19	3	8.0025 to 8.6691	24.000 to 26.000	24.000 to 26.000	24.000 to 26.000															
20	3	8.6691 to 9.0051	26.000 to 27.008	13.000 to 13.504	26.000 to 27.008															
21	3	9.0051 to 10.2691	27.008 to 30.800	13.504 to 15.400	27.008 to 30.800															
22	3	10.2691 to 10.5025	30.800 to 31.500	15.400 to 15.750	30.800 to 31.500															
23	3	10.5025 to 10.6691	31.500 to 32.000	15.750 to 16.000	31.500 to 32.000															
24	3	10.6691 to 13.3358	32.000 to 40.000	16.000 to 20.000	32.000 to 40.000															
25	3	13.3358 to 13.5225	20.000 to 20.280	20.000 to 20.280	40.000 to 40.560															
26	5	8.1135 to 8.5327	20.280 to 21.328	20.280 to 21.328	40.560 to 42.656															
27	5	8.5327 to 9.6015	21.328 to 24.000	21.328 to 24.000	42.656 to 48.000															
28	5	9.6015 to 10.0015	24.000 to 25.000	24.000 to 25.000	48.000 to 50.000															

Test Node	Error Description	Assembly	Frequency Band
10	Unleveled, Source 1 Synthesizer	A4	Full Range
15	Unleveled, LO Synthesizer	A10	Full Range
16	Unleveled, Source 1 Synthesizer, Integrator Low	A4	Full Range
17	Unleveled, Source 1 Synthesizer, Integrator High	A4	Full Range
22	Unleveled, LO Synthesizer, Integrator Low	A10	Full Range
23	Unleveled, LO Synthesizer, Integrator High	A10	Full Range
25	Unleveled, Doubler 1 Prelevel	A22	Full Range

