

Bank	Mini LO Number	LO Synthesizer Frequency (GHz)	A2S HMA26.5 Frequency (GHz)	RF Synthesizer Frequency (GHz)	AS/A10 Source Frequency (GHz)	A7/A8/A13/A17 AS GHz Doubler Frequency (GHz)
1	1	0.01248 to 0.01248	0.01248 to 0.01248	0.01248 to 0.01248	0.01248 to 0.01248	0.01248 to 0.01248
2	1	0.01248 to 0.01248	0.01248 to 0.01248	0.01248 to 0.01248	0.01248 to 0.01248	0.01248 to 0.01248
3	1	0.01248 to 0.01248	0.01248 to 0.01248	0.01248 to 0.01248	0.01248 to 0.01248	0.01248 to 0.01248
4	1	0.02948 to 0.02948	0.02948 to 0.02948	0.02948 to 0.02948	0.02948 to 0.02948	0.02948 to 0.02948
5	1	0.02948 to 0.02948	0.02948 to 0.02948	0.02948 to 0.02948	0.02948 to 0.02948	0.02948 to 0.02948
6	1	0.04648 to 0.04648	0.04648 to 0.04648	0.04648 to 0.04648	0.04648 to 0.04648	0.04648 to 0.04648
7	1	0.04648 to 0.04648	0.04648 to 0.04648	0.04648 to 0.04648	0.04648 to 0.04648	0.04648 to 0.04648
8	1	0.06348 to 0.06348	0.06348 to 0.06348	0.06348 to 0.06348	0.06348 to 0.06348	0.06348 to 0.06348
9	1	0.06348 to 0.06348	0.06348 to 0.06348	0.06348 to 0.06348	0.06348 to 0.06348	0.06348 to 0.06348
10	1	0.08048 to 0.08048	0.08048 to 0.08048	0.08048 to 0.08048	0.08048 to 0.08048	0.08048 to 0.08048
11	1	0.08048 to 0.08048	0.08048 to 0.08048	0.08048 to 0.08048	0.08048 to 0.08048	0.08048 to 0.08048
12	1	0.09748 to 0.09748	0.09748 to 0.09748	0.09748 to 0.09748	0.09748 to 0.09748	0.09748 to 0.09748
13	1	0.09748 to 0.09748	0.09748 to 0.09748	0.09748 to 0.09748	0.09748 to 0.09748	0.09748 to 0.09748
14	1	0.11448 to 0.11448	0.11448 to 0.11448	0.11448 to 0.11448	0.11448 to 0.11448	0.11448 to 0.11448
15	1	0.11448 to 0.11448	0.11448 to 0.11448	0.11448 to 0.11448	0.11448 to 0.11448	0.11448 to 0.11448
16	1	0.13148 to 0.13148	0.13148 to 0.13148	0.13148 to 0.13148	0.13148 to 0.13148	0.13148 to 0.13148
17	1	0.13148 to 0.13148	0.13148 to 0.13148	0.13148 to 0.13148	0.13148 to 0.13148	0.13148 to 0.13148
18	1	0.14848 to 0.14848	0.14848 to 0.14848	0.14848 to 0.14848	0.14848 to 0.14848	0.14848 to 0.14848
19	1	0.14848 to 0.14848	0.14848 to 0.14848	0.14848 to 0.14848	0.14848 to 0.14848	0.14848 to 0.14848
20	1	0.16548 to 0.16548	0.16548 to 0.16548	0.16548 to 0.16548	0.16548 to 0.16548	0.16548 to 0.16548
21	1	0.16548 to 0.16548	0.16548 to 0.16548	0.16548 to 0.16548	0.16548 to 0.16548	0.16548 to 0.16548
22	1	0.18248 to 0.18248	0.18248 to 0.18248	0.18248 to 0.18248	0.18248 to 0.18248	0.18248 to 0.18248
23	1	0.18248 to 0.18248	0.18248 to 0.18248	0.18248 to 0.18248	0.18248 to 0.18248	0.18248 to 0.18248
24	1	0.19948 to 0.19948	0.19948 to 0.19948	0.19948 to 0.19948	0.19948 to 0.19948	0.19948 to 0.19948
25	1	0.19948 to 0.19948	0.19948 to 0.19948	0.19948 to 0.19948	0.19948 to 0.19948	0.19948 to 0.19948
26	1	0.21648 to 0.21648	0.21648 to 0.21648	0.21648 to 0.21648	0.21648 to 0.21648	0.21648 to 0.21648
27	1	0.21648 to 0.21648	0.21648 to 0.21648	0.21648 to 0.21648	0.21648 to 0.21648	0.21648 to 0.21648
28	1	0.23348 to 0.23348	0.23348 to 0.23348	0.23348 to 0.23348	0.23348 to 0.23348	0.23348 to 0.23348
29	1	0.23348 to 0.23348	0.23348 to 0.23348	0.23348 to 0.23348	0.23348 to 0.23348	0.23348 to 0.23348
30	1	0.25048 to 0.25048	0.25048 to 0.25048	0.25048 to 0.25048	0.25048 to 0.25048	0.25048 to 0.25048
31	1	0.25048 to 0.25048	0.25048 to 0.25048	0.25048 to 0.25048	0.25048 to 0.25048	0.25048 to 0.25048
32	1	0.26748 to 0.26748	0.26748 to 0.26748	0.26748 to 0.26748	0.26748 to 0.26748	0.26748 to 0.26748
33	1	0.26748 to 0.26748	0.26748 to 0.26748	0.26748 to 0.26748	0.26748 to 0.26748	0.26748 to 0.26748
34	1	0.28448 to 0.28448	0.28448 to 0.28448	0.28448 to 0.28448	0.28448 to 0.28448	0.28448 to 0.28448
35	1	0.28448 to 0.28448	0.28448 to 0.28448	0.28448 to 0.28448	0.28448 to 0.28448	0.28448 to 0.28448
36	3	0.8368 to 0.8368	0.8368 to 0.8368	0.8368 to 0.8368	0.8368 to 0.8368	0.8368 to 0.8368
37	3	0.8368 to 0.8368	0.8368 to 0.8368	0.8368 to 0.8368	0.8368 to 0.8368	0.8368 to 0.8368
38	3	0.8368 to 0.8368	0.8368 to 0.8368	0.8368 to 0.8368	0.8368 to 0.8368	0.8368 to 0.8368
39	3	0.8368 to 0.8368	0.8368 to 0.8368	0.8368 to 0.8368	0.8368 to 0.8368	0.8368 to 0.8368
40	3	0.8368 to 0.8368	0.8368 to 0.8368	0.8368 to 0.8368	0.8368 to 0.8368	0.8368 to 0.8368
41	3	0.8368 to 0.8368	0.8368 to 0.8368	0.8368 to 0.8368	0.8368 to 0.8368	0.8368 to 0.8368
42	3	0.8368 to 0.8368	0.8368 to 0.8368	0.8368 to 0.8368	0.8368 to 0.8368	0.8368 to 0.8368
43	3	0.8368 to 0.8368	0.8368 to 0.8368	0.8368 to 0.8368	0.8368 to 0.8368	0.8368 to 0.8368
44	3	0.8368 to 0.8368	0.8368 to 0.8368	0.8368 to 0.8368	0.8368 to 0.8368	0.8368 to 0.8368

Test Node	Error Description	Assembly	Frequency Band
8	Unlevel, Source 1, Out 1	A5	0.01 - 13.5 GHz
9	Unlevel, Source 1, Out 2	A8	13.5 - 50 GHz
10	Unlevel, Source 1 Synthesizer	AA	Full Range
11	Unlevel, Source 2, Out 1	A12	13.5 - 50 GHz
12	Unlevel, Source 2, Out 2	A10	0.01 - 13.5 GHz
13	Unlevel, Source 2 Synthesizer	A13	13.5 - 50 GHz
14	Unlevel, LO Drive	A2S	Full Range
15	Unlevel, LO Synthesizer	A15	Full Range
16	Unlevel, Source 1 Synthesizer, Integrator Low	AA	Full Range
17	Unlevel, Source 1 Synthesizer, Integrator High	AA	Full Range
18	Unlevel, Source 2 Synthesizer, Integrator Low	A17	Full Range
20	Unlevel, Source 2 Synthesizer, Integrator High	A17	Full Range
22	Unlevel, LO Synthesizer, Integrator Low	A15	Full Range
23	Unlevel, LO Synthesizer, Integrator High	A15	Full Range
25	Unlevel, Doubler 1, Prelevel	A7	13.5 - 70 GHz
26	Unlevel, Doubler 2, Prelevel	A8	13.5 - 70 GHz
27	Unlevel, Doubler 3, Prelevel	A12	13.5 - 70 GHz
28	Unlevel, Doubler 4, Prelevel	A13	13.5 - 70 GHz
29	Unlevel, Source 1, PA	AS	13.5 - 70 GHz
30	Unlevel, Source 2, PA	A10	13.5 - 70 GHz

