

Band	Miner Brick LO Number	1 LO Synthesizer Frequency (GHz)	2 A25 HMA26S Frequency (GHz)	3 RF Synthesizer Frequency (GHz)	4 A6/A10 Source Frequency (GHz)
0	1	---	---	---	---
1	1	0.01248 to 0.01648	0.01248 to 0.01648	0.010 to 0.014	0.010 to 0.014
2	1	0.01648 to 0.02148	0.01648 to 0.02148	0.014 to 0.019	0.014 to 0.019
3	1	0.02148 to 0.02948	0.02148 to 0.02948	0.019 to 0.027	0.019 to 0.027
4	1	0.02948 to 0.04048	0.02948 to 0.04048	0.027 to 0.038	0.027 to 0.038
5	1	0.04048 to 0.05548	0.04048 to 0.05548	0.038 to 0.053	0.038 to 0.053
6	1	0.05548 to 0.08244	0.05548 to 0.08244	0.053 to 0.075	0.053 to 0.075
7	1	0.08244 to 0.11244	0.08244 to 0.11244	0.075 to 0.105	0.075 to 0.105
8	1	0.11244 to 0.15344	0.11244 to 0.15344	0.105 to 0.146	0.105 to 0.146
9	1	0.15344 to 0.21244	0.15344 to 0.21244	0.146 to 0.205	0.146 to 0.205
10	1	0.21244 to 0.28744	0.21244 to 0.28744	0.205 to 0.290	0.205 to 0.290
11	1	0.28744 to 0.40344	0.28744 to 0.40344	0.290 to 0.396	0.290 to 0.396
12	1	0.40344 to 0.55744	0.40344 to 0.55744	0.396 to 0.530	0.396 to 0.530
13	1	0.55744 to 0.83644	0.55744 to 0.83644	0.530 to 0.828	0.530 to 0.828
14	1	0.83644 to 1.0074	0.83644 to 1.0074	0.828 to 1.000	0.828 to 1.000
15	1	1.0074 to 1.5074	1.0074 to 1.5074	1.000 to 1.500	1.000 to 1.500
16	1	1.5074 to 2.0074	1.5074 to 2.0074	1.500 to 2.000	1.500 to 2.000
17	1	2.0074 to 3.0074	2.0074 to 3.0074	2.000 to 3.000	2.000 to 3.000
18	1	3.0074 to 4.0074	3.0074 to 4.0074	3.000 to 4.000	3.000 to 4.000
19	1	4.0074 to 5.3394	4.0074 to 5.3394	4.000 to 5.332	4.000 to 5.332
20	1	5.3394 to 6.7594	5.3394 to 6.7594	5.332 to 6.752	5.332 to 6.752
21	1	6.7594 to 8.0074	6.7594 to 8.0074	6.752 to 8.000	6.752 to 8.000
22	1	8.0074 to 8.5074	8.0074 to 8.5074	8.000 to 8.500	8.000 to 8.500
23	1	8.5074 to 10.6714	8.5074 to 10.6714	8.500 to 10.664	8.500 to 10.664
24	1	10.6714 to 12.0074	10.6714 to 12.0074	10.664 to 12.000	10.664 to 12.000
25	1	12.0074 to 12.8074	12.0074 to 12.8074	12.000 to 12.800	12.000 to 12.800
26	1	12.8074 to 13.5174	12.8074 to 13.5174	12.800 to 13.510	12.800 to 13.510
27	1	13.5174 to 15.4074	13.5174 to 15.4074	13.510 to 15.400	13.510 to 15.400
28	1	15.4074 to 16.0074	15.4074 to 16.0074	15.400 to 16.000	15.400 to 16.000
29	1	16.0074 to 16.0074	16.0074 to 16.0074	16.000 to 16.000	16.000 to 16.000
30	1	16.0074 to 16.0074	16.0074 to 16.0074	16.000 to 16.000	16.000 to 16.000
31	1	16.0074 to 16.0074	16.0074 to 16.0074	16.000 to 16.000	16.000 to 16.000
32	1	16.0074 to 16.0074	16.0074 to 16.0074	16.000 to 16.000	16.000 to 16.000
33	1	16.0074 to 16.0074	16.0074 to 16.0074	16.000 to 16.000	16.000 to 16.000
34	1	16.0074 to 16.0074	16.0074 to 16.0074	16.000 to 16.000	16.000 to 16.000
35	1	16.0074 to 16.0074	16.0074 to 16.0074	16.000 to 16.000	16.000 to 16.000
36	1	16.0074 to 16.0074	16.0074 to 16.0074	16.000 to 16.000	16.000 to 16.000

Test Mode	Error Description	Assembly	Frequency Band
8	Unlabeled, Source 1, Out 1	A5	Full Range
9	Unlabeled, Source 1, Out 2	A5	Full Range
10	Unlabeled, Source 1 Synthesizer	A4	Full Range
11	Unlabeled, Source 2, Out 1	A8	Full Range
12	Unlabeled, Source 2, Out 2	A8	Full Range
13	Unlabeled, Source 2 Synthesizer	A13	Full Range
14	Unlabeled, LO Drive	A21	Full Range
15	Unlabeled, LO Synthesizer	A11	Full Range
16	Unlabeled, Source 1 Synthesizer, Integrator Low	A4	Full Range
17	Unlabeled, Source 1 Synthesizer, Integrator High	A4	Full Range
18	Unlabeled, Source 2 Synthesizer, Integrator Low	A13	Full Range
19	Unlabeled, Source 2 Synthesizer, Integrator High	A13	Full Range
20	Unlabeled, Source 2 Synthesizer, Integrator Low	A11	Full Range
21	Unlabeled, LO Synthesizer, Integrator Low	A11	Full Range
22	Unlabeled, LO Synthesizer, Integrator High	A11	Full Range
23	Unlabeled, LO Synthesizer, Integrator High	A5	13.5 - 26.5 GHz
24	Unlabeled, Source 1, P4	A5	13.5 - 26.5 GHz
25	Unlabeled, Source 2, P4	A8	13.5 - 26.5 GHz

