

Band	Miner Brick LO Number	1 LO Synthesizer Frequency (GHz)	2 A2S 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 0.500	0.396 to 0.500
13	1	0.55744 to 0.83644	0.55744 to 0.83644	0.500 to 0.828	0.500 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 5.5074	4.0074 to 5.5074	4.000 to 5.332	4.000 to 5.332
20	1	5.5074 to 7.7974	5.5074 to 7.7974	5.332 to 7.752	5.332 to 7.752
21	1	7.7974 to 10.074	7.7974 to 10.074	7.752 to 8.000	7.752 to 8.000
22	1	10.074 to 13.574	10.074 to 13.574	8.000 to 8.500	8.000 to 8.500
23	1	13.574 to 18.074	13.574 to 18.074	8.500 to 10.864	8.500 to 10.864
24	1	18.074 to 24.074	18.074 to 24.074	10.864 to 12.000	10.864 to 12.000
25	1	24.074 to 32.074	24.074 to 32.074	12.000 to 13.800	12.000 to 13.800
26	1	32.074 to 42.074	32.074 to 42.074	13.800 to 15.510	13.800 to 15.510
27	1	42.074 to 55.074	42.074 to 55.074	15.510 to 15.400	15.510 to 15.400
28	1	55.074 to 72.074	55.074 to 72.074	15.400 to 16.000	15.400 to 16.000
29	1	72.074 to 93.074	72.074 to 93.074	16.000 to 18.000	16.000 to 18.000
30	1	93.074 to 120.074	93.074 to 120.074	18.000 to 20.000	18.000 to 20.000
31	1	120.074 to 158.074	120.074 to 158.074	20.000 to 21.328	20.000 to 21.328
32	1	158.074 to 200.074	158.074 to 200.074	21.328 to 22.500	21.328 to 22.500
33	1	200.074 to 260.074	200.074 to 260.074	22.500 to 24.000	22.500 to 24.000
34	1	260.074 to 330.074	260.074 to 330.074	24.000 to 26.500	24.000 to 26.500
35	1	330.074 to 420.074	330.074 to 420.074	26.500 to 28.500	26.500 to 28.500
36	1	420.074 to 550.074	420.074 to 550.074	28.500 to 30.500	28.500 to 30.500

Test Mode	Error Description	Assembly	Frequency Band
8	Unlabeled, Source 1, Out 1	A5	Full Range
8	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
19	Unlabeled, Source 2 Synthesizer, Integrator Low	A13	Full Range
20	Unlabeled, Source 2 Synthesizer, Integrator High	A13	Full Range
22	Unlabeled, LO Synthesizer, Integrator Low	A11	Full Range
23	Unlabeled, LO Synthesizer, Integrator High	A11	Full Range
29	Unlabeled, Source 1, P4	A5	13.5 - 26.5 GHz
30	Unlabeled, Source 2, P4	A8	13.5 - 26.5 GHz

