

Band	Miner Brick LO Harmonic Number	1	2	3	4
		LO Synthesizer Frequency (GHz)	A55 HMA26.5 Frequency (GHz)	RF Synthesizer Frequency (GHz)	A6/A10 Source Frequency (GHz)
0	1	---	---	---	---
1	1	---	---	---	---
2	1	0.01248 to 0.01648	0.01248 to 0.01648	0.010 to 0.014	0.010 to 0.014
3	1	0.01648 to 0.02148	0.01648 to 0.02148	0.014 to 0.019	0.014 to 0.019
4	1	0.02148 to 0.02948	0.02148 to 0.02948	0.019 to 0.027	0.019 to 0.027
5	1	0.02948 to 0.04048	0.02948 to 0.04048	0.027 to 0.038	0.027 to 0.038
6	1	0.04048 to 0.05548	0.04048 to 0.05548	0.038 to 0.053	0.038 to 0.053
7	1	0.05548 to 0.08244	0.05548 to 0.08244	0.053 to 0.075	0.053 to 0.075
8	1	0.08244 to 0.11244	0.08244 to 0.11244	0.075 to 0.105	0.075 to 0.105
9	1	0.11244 to 0.15344	0.11244 to 0.15344	0.105 to 0.146	0.105 to 0.146
10	1	0.15344 to 0.21244	0.15344 to 0.21244	0.146 to 0.205	0.146 to 0.205
11	1	0.21244 to 0.28744	0.21244 to 0.28744	0.205 to 0.290	0.205 to 0.290
12	1	0.28744 to 0.40344	0.28744 to 0.40344	0.290 to 0.396	0.290 to 0.396
13	1	0.40344 to 0.55744	0.40344 to 0.55744	0.396 to 0.530	0.396 to 0.530
14	1	0.55744 to 0.83644	0.55744 to 0.83644	0.530 to 0.828	0.530 to 0.828
15	1	0.83644 to 1.0074	0.83644 to 1.0074	0.828 to 1.000	0.828 to 1.000
16	1	1.0074 to 1.5074	1.0074 to 1.5074	1.000 to 1.500	1.000 to 1.500
17	1	1.5074 to 2.2074	1.5074 to 2.2074	1.500 to 2.000	1.500 to 2.000
18	1	2.2074 to 3.0074	2.2074 to 3.0074	2.000 to 3.000	2.000 to 3.000
19	1	3.0074 to 3.9074	3.0074 to 3.9074	3.000 to 3.900	3.000 to 3.900
20	1	3.9074 to 4.9074	3.9074 to 4.9074	3.900 to 4.900	3.900 to 4.900
21	1	4.9074 to 5.5394	4.9074 to 5.5394	4.900 to 5.332	4.900 to 5.332
22	1	5.5394 to 6.7994	5.5394 to 6.7994	5.332 to 6.752	5.332 to 6.752
23	1	6.7994 to 8.0074	6.7994 to 8.0074	6.752 to 8.000	6.752 to 8.000
24	1	8.0074 to 8.5074	8.0074 to 8.5074	8.000 to 8.500	8.000 to 8.500
25	1	8.5074 to 10.6714	8.5074 to 10.6714	8.500 to 10.664	8.500 to 10.664
26	1	10.6714 to 12.0074	10.6714 to 12.0074	10.664 to 12.000	10.664 to 12.000
27	1	12.0074 to 12.8074	12.0074 to 12.8074	12.000 to 12.800	12.000 to 12.800
28	1	12.8074 to 13.5174	12.8074 to 13.5174	12.800 to 13.510	12.800 to 13.510
29	1	6.7587 to 7.7037	13.5174 to 15.4074	6.750 to 7.700	13.510 to 15.400
30	1	7.7037 to 8.0037	15.4074 to 16.0074	7.700 to 8.000	15.400 to 16.000
31	1	8.0037 to 9.0037	16.0074 to 18.0074	8.000 to 9.000	16.000 to 18.000
32	1	9.0037 to 10.0037	18.0074 to 20.0074	9.000 to 10.000	18.000 to 20.000
33	1	10.0037 to 10.6677	20.0074 to 21.3554	10.000 to 10.664	20.000 to 21.328
34	1	10.6677 to 11.2537	21.3554 to 22.5074	10.664 to 11.250	21.328 to 22.500
35	1	11.2537 to 12.0037	22.5074 to 24.0074	11.250 to 12.000	22.500 to 24.000
36	1	12.0037 to 13.2537	24.0074 to 26.5074	12.000 to 13.250	24.000 to 26.500

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

