

Band	Mixer Brick L.O. Harmonic Number	1	2	3	4
		A11 Synthesizer Frequency (GHz)	A21 MA26.5 Frequency (GHz)	A4/A7 Synthesizer Frequency (GHz)	A5/A8 Source Frequency (GHz)
0	-	-	-	-	-
1	-	-	-	-	-
2	1	0.01254 to 0.01654	0.01254 to 0.01654	0.010 to 0.014	0.010 to 0.014
3	1	0.01654 to 0.02154	0.01654 to 0.02154	0.014 to 0.019	0.014 to 0.019
4	1	0.02154 to 0.02654	0.02154 to 0.02654	0.019 to 0.027	0.019 to 0.027
5	1	0.02654 to 0.03154	0.02654 to 0.03154	0.027 to 0.038	0.027 to 0.038
6	1	0.03154 to 0.03654	0.03154 to 0.03654	0.038 to 0.053	0.038 to 0.053
7	1	0.03654 to 0.04154	0.03654 to 0.04154	0.053 to 0.075	0.053 to 0.075
8	1	0.04154 to 0.04654	0.04154 to 0.04654	0.075 to 0.105	0.075 to 0.105
9	1	0.04654 to 0.05154	0.04654 to 0.05154	0.105 to 0.146	0.105 to 0.146
10	1	0.05154 to 0.05654	0.05154 to 0.05654	0.146 to 0.205	0.146 to 0.205
11	1	0.05654 to 0.06154	0.05654 to 0.06154	0.205 to 0.250	0.205 to 0.250
12	1	0.06154 to 0.06654	0.06154 to 0.06654	0.250 to 0.396	0.250 to 0.396
13	1	0.06654 to 0.07154	0.06654 to 0.07154	0.396 to 0.500	0.396 to 0.500
14	1	0.07154 to 0.07654	0.07154 to 0.07654	0.500 to 0.628	0.500 to 0.628
15	1	0.07654 to 0.08154	0.07654 to 0.08154	0.628 to 1.000	0.628 to 1.000
16	1	0.08154 to 0.08654	0.08154 to 0.08654	1.000 to 1.500	1.000 to 1.500
17	1	0.08654 to 0.09154	0.08654 to 0.09154	1.500 to 2.000	1.500 to 2.000
18	1	0.09154 to 0.09654	0.09154 to 0.09654	2.000 to 3.000	2.000 to 3.000
19	1	0.09654 to 0.10154	0.09654 to 0.10154	3.000 to 3.200	3.000 to 3.200
20	1	0.10154 to 0.10654	0.10154 to 0.10654	3.200 to 4.000	3.200 to 4.000
21	1	0.10654 to 0.11154	0.10654 to 0.11154	4.000 to 5.332	4.000 to 5.332
22	1	0.11154 to 0.11654	0.11154 to 0.11654	5.332 to 6.752	5.332 to 6.752
23	1	0.11654 to 0.12154	0.11654 to 0.12154	6.752 to 8.000	6.752 to 8.000
24	1	0.12154 to 0.12654	0.12154 to 0.12654	8.000 to 8.500	8.000 to 8.500
25	1	0.12654 to 0.13154	0.12654 to 0.13154	8.500 to 10.664	8.500 to 10.664
26	1	0.13154 to 0.13654	0.13154 to 0.13654	10.664 to 12.000	10.664 to 12.000
27	1	0.13654 to 0.14154	0.13654 to 0.14154	12.000 to 12.800	12.000 to 12.800
28	1	0.14154 to 0.14654	0.14154 to 0.14654	12.800 to 13.516	12.800 to 13.516
29	1	0.14654 to 0.15154	0.14654 to 0.15154	13.516 to 15.400	13.516 to 15.400
30	1	0.15154 to 0.15654	0.15154 to 0.15654	15.400 to 16.000	15.400 to 16.000
31	1	0.15654 to 0.16154	0.15654 to 0.16154	16.000 to 18.000	16.000 to 18.000
32	1	0.16154 to 0.16654	0.16154 to 0.16654	18.000 to 20.000	18.000 to 20.000
33	1	0.16654 to 0.17154	0.16654 to 0.17154	20.000 to 10.664	20.000 to 21.328
34	1	0.17154 to 0.17654	0.17154 to 0.17654	10.664 to 11.250	21.328 to 22.500
35	1	0.17654 to 0.18154	0.17654 to 0.18154	11.250 to 12.000	22.500 to 24.000
36	1	0.18154 to 0.18654	0.18154 to 0.18654	12.000 to 13.250	24.000 to 26.500

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

