

Band	Min/Low Numeric Number	①	②	③	④	⑤/⑥/⑦/⑧/⑨
LO Frequency (GHz)	A25 HMA25.5 Frequency (GHz)	A19 Source Frequency (GHz)	RF Synthesizer Frequency (GHz)	A5/A10 Source Frequency (GHz)	A7/A8/A12/A13 Frequency (GHz)	
1	0.0000	0.0000	0.0000	0.0000	0.0000	
2	0.01248 to 0.01648	0.01248 to 0.01648	0.010 to 0.014	0.010 to 0.014	0.010 to 0.014	
3	0.01648 to 0.02148	0.01648 to 0.02148	0.014 to 0.019	0.014 to 0.019	0.014 to 0.019	
4	0.02148 to 0.02848	0.02148 to 0.02848	0.019 to 0.027	0.019 to 0.027	0.019 to 0.027	
5	0.02848 to 0.04048	0.02848 to 0.04048	0.027 to 0.038	0.027 to 0.038	0.027 to 0.038	
6	0.04048 to 0.05548	0.04048 to 0.05548	0.038 to 0.053	0.038 to 0.053	0.038 to 0.053	
7	0.05548 to 0.08248	0.05548 to 0.08248	0.053 to 0.075	0.053 to 0.075	0.053 to 0.075	
8	0.08248 to 0.11244	0.08248 to 0.11244	0.075 to 0.105	0.075 to 0.105	0.075 to 0.105	
9	0.11244 to 0.15344	0.11244 to 0.15344	0.105 to 0.146	0.105 to 0.146	0.105 to 0.146	
10	0.15344 to 0.21244	0.15344 to 0.21244	0.146 to 0.205	0.146 to 0.205	0.146 to 0.205	
11	0.21244 to 0.28244	0.21244 to 0.28244	0.205 to 0.290	0.205 to 0.290	0.205 to 0.290	
12	0.28244 to 0.40344	0.28244 to 0.40344	0.290 to 0.396	0.290 to 0.396	0.290 to 0.396	
13	0.40344 to 0.55744	0.40344 to 0.55744	0.396 to 0.500	0.396 to 0.500	0.396 to 0.500	
14	0.55744 to 0.85344	0.55744 to 0.85344	0.500 to 0.828	0.500 to 0.828	0.500 to 0.828	
15	0.85344 to 1.0074	0.85344 to 1.0074	0.828 to 1.000	0.828 to 1.000	0.828 to 1.000	
16	1.0074 to 1.5074	1.0074 to 1.5074	1.000 to 1.500	1.000 to 1.500	1.000 to 1.500	
17	1.5074 to 2.0074	1.5074 to 2.0074	1.500 to 2.000	1.500 to 2.000	1.500 to 2.000	
18	2.0074 to 3.0074	2.0074 to 3.0074	2.000 to 3.000	2.000 to 3.000	2.000 to 3.000	
19	3.0074 to 5.3394	3.0074 to 5.3394	3.000 to 5.332	3.000 to 5.332	3.000 to 5.332	
20	5.3394 to 6.0074	5.3394 to 6.0074	5.332 to 6.000	5.332 to 6.000	5.332 to 6.000	
21	6.0074 to 7.6074	6.0074 to 7.6074	6.000 to 7.600	6.000 to 7.600	6.000 to 7.600	
22	7.6074 to 9.5274	7.6074 to 9.5274	7.600 to 9.500	7.600 to 9.500	7.600 to 9.500	
23	9.5274 to 12.0074	9.5274 to 12.0074	9.520 to 12.000	9.520 to 12.000	9.520 to 12.000	
24	12.0074 to 12.8074	12.0074 to 12.8074	12.000 to 12.800	12.000 to 12.800	12.000 to 12.800	
25	12.8074 to 13.5174	12.8074 to 13.5174	12.800 to 13.510	12.800 to 13.510	12.800 to 13.510	
26	13.5174 to 15.2074	13.5174 to 15.2074	13.510 to 15.200	13.510 to 15.200	13.510 to 15.200	
27	15.2074 to 16.7074	15.2074 to 16.7074	15.200 to 16.700	15.200 to 16.700	15.200 to 16.700	
28	16.7074 to 18.0474	16.7074 to 18.0474	16.700 to 18.040	16.700 to 18.040	16.700 to 18.040	
29	18.0474 to 20.0074	18.0474 to 20.0074	18.040 to 20.000	18.040 to 20.000	18.040 to 20.000	
30	20.0074 to 21.3074	20.0074 to 21.3074	20.000 to 21.300	20.000 to 21.300	20.000 to 21.300	
31	21.3074 to 24.0074	21.3074 to 24.0074	21.300 to 24.000	21.300 to 24.000	21.300 to 24.000	
32	24.0074 to 26.5074	24.0074 to 26.5074	24.000 to 26.500	24.000 to 26.500	24.000 to 26.500	
33	26.5074 to 30.0074	26.5074 to 30.0074	26.500 to 30.000	26.500 to 30.000	26.500 to 30.000	
34	30.0074 to 33.1074	30.0074 to 33.1074	30.000 to 33.100	30.000 to 33.100	30.000 to 33.100	
35	33.1074 to 36.0074	33.1074 to 36.0074	33.100 to 36.000	33.100 to 36.000	33.100 to 36.000	
36	36.0074 to 40.0074	36.0074 to 40.0074	36.000 to 40.000	36.000 to 40.000	36.000 to 40.000	
37	40.0074 to 44.0074	40.0074 to 44.0074	40.000 to 44.000	40.000 to 44.000	40.000 to 44.000	
38	44.0074 to 48.0074	44.0074 to 48.0074	44.000 to 48.000	44.000 to 48.000	44.000 to 48.000	
39	48.0074 to 52.0074	48.0074 to 52.0074	48.000 to 52.000	48.000 to 52.000	48.000 to 52.000	
40	52.0074 to 56.0074	52.0074 to 56.0074	52.000 to 56.000	52.000 to 56.000	52.000 to 56.000	
41	56.0074 to 60.0074	56.0074 to 60.0074	56.000 to 60.000	56.000 to 60.000	56.000 to 60.000	
42	60.0074 to 64.0074	60.0074 to 64.0074	60.000 to 64.000	60.000 to 64.000	60.000 to 64.000	
43	64.0074 to 68.0074	64.0074 to 68.0074	64.000 to 68.000	64.000 to 68.000	64.000 to 68.000	
44	68.0074 to 72.0074	68.0074 to 72.0074	68.000 to 72.000	68.000 to 72.000	68.000 to 72.000	
45	72.0074 to 76.0074	72.0074 to 76.0074	72.000 to 76.000	72.000 to 76.000	72.000 to 76.000	
46	76.0074 to 80.0074	76.0074 to 80.0074	76.000 to 80.000	76.000 to 80.000	76.000 to 80.000	
47	80.0074 to 84.0074	80.0074 to 84.0074	80.000 to 84.000	80.000 to 84.000	80.000 to 84.000	

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	A10	0.01 - 13.5 GHz
12	Unlevel, Source 2, Out 2	A12	13.5 - 50 GHz
13	Unlevel, Source 2 Synthesizer	A15	Full Range
14	Unlevel, LO Drive	A25	Full Range
15	Unlevel, LO Synthesizer	A19	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	A19	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	A5	13.5 - 70 GHz
30	Unlevel, Source 2, PA	A10	13.5 - 70 GHz

