

| Block LO Number | ① | ② | ③ | ④ | ⑤ | ⑥ |
|--------------------------|------|--------------------|--------------------|------------------|------------------|------------------|
| Block LO Frequency (GHz) | A5 | A25 | A15 | A10 | A7/A8/A12/A13 | A60/A61/A62/A63 |
| Block LO Frequency (GHz) | 13.5 | 40 | 70 | 13.5 | 40 | 70 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | 1 | 0.01248 to 0.05548 | 0.01248 to 0.05548 | 0.010 to 0.053 | 0.010 to 0.053 | 0.010 to 0.053 |
| 3 | 1 | 0.06044 to 0.18244 | 0.06044 to 0.18244 | 0.053 to 0.175 | 0.053 to 0.175 | 0.053 to 0.175 |
| 4 | 1 | 0.18244 to 0.25744 | 0.18244 to 0.25744 | 0.175 to 0.250 | 0.175 to 0.250 | 0.175 to 0.250 |
| 5 | 1 | 0.25744 to 0.30744 | 0.25744 to 0.30744 | 0.250 to 0.300 | 0.250 to 0.300 | 0.250 to 0.300 |
| 6 | 1 | 0.30744 to 3.2074 | 0.30744 to 3.2074 | 0.300 to 3.200 | 0.300 to 3.200 | 0.300 to 3.200 |
| 7 | 1 | 3.2074 to 6.0074 | 3.2074 to 6.0074 | 3.200 to 6.000 | 3.200 to 6.000 | 3.200 to 6.000 |
| 8 | 1 | 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 |
| 9 | 1 | 7.6074 to 8.5274 | 7.6074 to 8.5274 | 7.600 to 8.500 | 7.600 to 8.500 | 7.600 to 8.500 |
| 10 | 1 | 8.5274 to 12.0074 | 8.5274 to 12.0074 | 8.520 to 12.000 | 8.520 to 12.000 | 8.520 to 12.000 |
| 11 | 1 | 12.0074 to 13.5174 | 12.0074 to 13.5174 | 12.000 to 13.510 | 12.000 to 13.510 | 12.000 to 13.510 |
| 12 | 1 | 6.7587 to 7.6037 | 13.5174 to 15.2074 | 6.755 to 7.600 | 13.510 to 15.200 | 13.510 to 15.200 |
| 13 | 1 | 7.6037 to 8.3537 | 15.2074 to 16.7074 | 7.600 to 8.350 | 15.200 to 16.700 | 15.200 to 16.700 |
| 14 | 1 | 8.3537 to 8.5237 | 16.7074 to 18.0474 | 8.350 to 8.500 | 16.700 to 18.040 | 16.700 to 18.040 |
| 15 | 1 | 8.5237 to 10.0037 | 18.0474 to 20.0074 | 8.520 to 10.000 | 18.040 to 20.000 | 18.040 to 20.000 |
| 16 | 1 | 10.0037 to 16.6537 | 20.0074 to 21.3074 | 10.000 to 16.650 | 20.000 to 21.300 | 20.000 to 21.300 |
| 17 | 1 | 16.6537 to 12.0037 | 21.3074 to 24.0074 | 16.650 to 12.000 | 21.300 to 24.000 | 21.300 to 24.000 |
| 18 | 1 | 12.0037 to 12.2537 | 24.0074 to 26.5074 | 12.000 to 12.250 | 24.000 to 26.500 | 24.000 to 26.500 |
| 19 | 1 | 8.8558 to 9.0091 | 8.8558 to 9.0091 | 13.250 to 13.510 | 13.250 to 13.510 | 28.500 to 27.020 |
| 20 | 3 | 9.0091 to 8.5025 | 9.0091 to 8.5025 | 6.755 to 7.125 | 13.510 to 14.250 | 27.020 to 28.500 |
| 21 | 3 | 8.5025 to 18.1358 | 9.5025 to 10.1358 | 7.125 to 7.800 | 14.250 to 15.200 | 28.500 to 30.440 |
| 22 | 3 | 10.1358 to 10.6691 | 10.1358 to 10.6691 | 7.800 to 8.000 | 15.200 to 16.000 | 30.440 to 32.000 |
| 23 | 3 | 10.6691 to 12.0598 | 10.6691 to 12.0598 | 8.000 to 9.025 | 16.000 to 18.050 | 32.000 to 36.100 |
| 24 | 3 | 12.0598 to 12.6958 | 12.0598 to 12.6958 | 9.025 to 9.520 | 16.950 to 19.040 | 36.100 to 38.080 |
| 25 | 3 | 12.6958 to 13.3358 | 12.6958 to 13.3358 | 9.520 to 10.000 | 19.040 to 20.000 | 38.080 to 40.000 |
| 26 | 3 | 13.3358 to 13.5125 | 13.3358 to 13.5125 | 10.000 to 10.133 | 10.000 to 10.133 | 20.000 to 20.295 |
| 27 | 3 | 6.7587 to 7.6037 | 13.5125 to 15.2758 | 10.133 to 11.425 | 10.133 to 11.425 | 40.000 to 43.800 |
| 28 | 3 | 7.6037 to 8.0012 | 15.2758 to 16.0025 | 11.425 to 12.000 | 11.425 to 12.000 | 22.870 to 24.000 |
| 29 | 3 | 8.0012 to 8.3346 | 16.0025 to 16.6691 | 12.000 to 12.500 | 12.000 to 12.500 | 24.000 to 25.000 |
| 30 | 3 | 8.3346 to 8.8346 | 16.6691 to 17.6691 | 12.500 to 13.250 | 12.500 to 13.250 | 25.000 to 28.500 |
| 31 | 3 | 8.8346 to 9.0079 | 17.6691 to 18.0158 | 13.250 to 13.510 | 13.250 to 13.510 | 28.500 to 27.020 |
| 32 | 3 | 9.0079 to 9.5012 | 18.0158 to 19.1025 | 13.510 to 14.250 | 13.510 to 14.250 | 27.020 to 28.500 |
| 33 | 3 | 9.5012 to 10.0179 | 19.1025 to 20.0358 | 14.250 to 15.025 | 14.250 to 15.025 | 28.600 to 30.500 |
| 34 | 3 | 10.0179 to 10.1346 | 20.0358 to 20.2691 | 15.025 to 15.200 | 15.025 to 15.200 | 30.500 to 30.440 |
| 35 | 3 | 10.1346 to 10.6679 | 20.2691 to 21.3358 | 7.600 to 8.000 | 15.200 to 16.000 | 30.440 to 32.000 |
| 36 | 3 | 10.6679 to 11.1466 | 21.3358 to 22.2691 | 8.000 to 8.350 | 16.000 to 16.700 | 32.000 to 34.400 |
| 37 | 3 | 11.1466 to 11.6691 | 22.2691 to 23.3358 | 8.350 to 8.750 | 16.700 to 17.500 | 34.400 to 35.000 |
| 38 | 3 | 11.6691 to 11.8291 | 23.3358 to 24.0000 | 8.750 to 8.900 | 17.500 to 18.000 | 35.000 to 36.000 |

| Test Node | Error Description | Assembly | Frequency Band |
|-----------|---|----------|-----------------|
| 8 | Unveiled, Source 1, Out 1 | A5 | 0.01 - 13.5 GHz |
| | | A7 | 13.5 - 40 GHz |
| | | A29 | 40 - 70 GHz |
| 9 | Unveiled, Source 1, Out 2 | A5 | 0.01 - 13.5 GHz |
| | | A8 | 13.5 - 40 GHz |
| 10 | Unveiled, Source 1 Synthesizer | A32 | 40 - 70 GHz |
| | | A4 | Full Range |
| 11 | Unveiled, Source 2, Out 1 | A10 | 0.01 - 13.5 GHz |
| | | A12 | 13.5 - 40 GHz |
| | | A30 | 40 - 70 GHz |
| 12 | Unveiled, Source 2, Out 2 | A10 | 0.01 - 13.5 GHz |
| | | A13 | 13.5 - 40 GHz |
| 13 | Unveiled, Source 2 Synthesizer | A31 | 40 - 70 GHz |
| 14 | Unveiled, LO Drive | A25 | Full Range |
| 15 | Unveiled, LO Synthesizer | A15 | Full Range |
| 16 | Unveiled, Source 1 Synthesizer, Integrator Low | A4 | Full Range |
| 17 | Unveiled, Source 1 Synthesizer, Integrator High | A4 | Full Range |
| 18 | Unveiled, Source 2 Synthesizer, Integrator Low | A17 | Full Range |
| 20 | Unveiled, Source 2 Synthesizer, Integrator High | A17 | Full Range |
| 22 | Unveiled, LO Synthesizer, Integrator Low | A15 | Full Range |
| 23 | Unveiled, LO Synthesizer, Integrator High | A15 | Full Range |
| 25 | Unveiled, Doubler 1, Preveist | A7 | 13.5 - 70 GHz |
| 26 | Unveiled, Doubler 2, Preveist | A8 | 13.5 - 70 GHz |
| 27 | Unveiled, Doubler 3, Preveist | A12 | 13.5 - 70 GHz |
| 28 | Unveiled, Doubler 4, Preveist | A13 | 13.5 - 70 GHz |
| 29 | Unveiled, Source 1, PA | A5 | 13.5 - 70 GHz |
| 30 | Unveiled, Source 2, PA | A10 | 13.5 - 70 GHz |

