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Test Signal Name: LP\_Signal\_03

Number of Bursts in Trial: 14

Chrip Center Frequency: 5290MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 3                | 15M        | 62.7u           | 1.678m                   | 1.717m                   | 280.1m             |
| 2     | 2                | 15M        | 77.5u           | 1.567m                   | -                        | 308.4m             |
| 3     | 1                | 15M        | 98.3u           | -                        | -                        | 380.5m             |
| 4     | 2                | 15M        | 85.2u           | 1.831m                   | -                        | 205.0m             |
| 5     | 3                | 15M        | 91.8u           | 1.520m                   | 947.2u                   | 688.8m             |
| 6     | 1                | 15M        | 91.4u           | -                        | -                        | 69.25m             |
| 7     | 2                | 15M        | 76.1u           | 1.384m                   | -                        | 699.5m             |
| 8     | 2                | 15M        | 68.2u           | 1.336m                   | -                        | 142.5m             |
| 9     | 1                | 15M        | 87.0u           | -                        | -                        | 439.3m             |
| 10    | 2                | 15M        | 85.3u           | 1.230m                   | -                        | 171.5m             |
| 11    | 2                | 15M        | 75.6u           | 1.213m                   | -                        | 309.9m             |
| 12    | 3                | 15M        | 82.8u           | 1.743m                   | 1.125m                   | 450.3m             |
| 13    | 2                | 15M        | 74.3u           | 1.667m                   | -                        | 190.8m             |
| 14    | 1                | 15M        | 77.4u           | -                        | -                        | 385.5m             |

Long Pulse Radar Test Signal

Test Signal Name: LP\_Signal\_04

Number of Bursts in Trial: 19

Chrip Center Frequency: 5290MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 1                | 17M        | 88.9u           | -                        | -                        | 400.9m             |
| 2     | 2                | 17M        | 87.7u           | 1.749m                   | -                        | 609.2m             |
| 3     | 2                | 17M        | 50.6u           | 1.085m                   | -                        | 105.0m             |
| 4     | 3                | 17M        | 91.1u           | 1.614m                   | 1.318m                   | 577.2m             |
| 5     | 2                | 17M        | 74.9u           | 973.1u                   | -                        | 357.6m             |
| 6     | 3                | 17M        | 73.2u           | 1.725m                   | 1.906m                   | 367.0m             |
| 7     | 3                | 17M        | 80.3u           | 945.7u                   | 1.860m                   | 150.4m             |
| 8     | 2                | 17M        | 95.3u           | 1.286m                   | -                        | 625.2m             |
| 9     | 2                | 17M        | 84.7u           | 1.685m                   | -                        | 954.0u             |
| 10    | 2                | 17M        | 59.4u           | 1.472m                   | -                        | 547.2m             |
| 11    | 2                | 17M        | 86.9u           | 1.657m                   | -                        | 488.3m             |
| 12    | 2                | 17M        | 58.6u           | 1.575m                   | -                        | 148.0m             |
| 13    | 1                | 17M        | 97.1u           | -                        | -                        | 448.7m             |
| 14    | 1                | 17M        | 75.6u           | -                        | -                        | 601.2m             |
| 15    | 3                | 17M        | 66.8u           | 1.457m                   | 1.366m                   | 239.7m             |
| 16    | 2                | 17M        | 79.2u           | 1.394m                   | -                        | 127.7m             |
| 17    | 2                | 17M        | 50.1u           | 1.763m                   | -                        | 55.41m             |
| 18    | 1                | 17M        | 73.1u           | -                        | -                        | 132.9m             |
| 19    | 1                | 17M        | 51.8u           | -                        | -                        | 601.6m             |

Long Pulse Radar Test Signal  
 Test Signal Name: LP\_Signal\_05  
 Number of Bursts in Trial: 19  
 Chrip Center Frequency: 5290MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 2                | 11M        | 98.5u           | 1.185m                   | -                        | 281.2m             |
| 2     | 2                | 11M        | 66.9u           | 1.351m                   | -                        | 601.3m             |
| 3     | 3                | 11M        | 55.6u           | 1.069m                   | 1.564m                   | 386.6m             |
| 4     | 1                | 11M        | 63.9u           | -                        | -                        | 70.85m             |
| 5     | 2                | 11M        | 88.1u           | 1.499m                   | -                        | 486.4m             |
| 6     | 2                | 11M        | 77.3u           | 1.188m                   | -                        | 445.4m             |
| 7     | 2                | 11M        | 51.2u           | 1.501m                   | -                        | 39.21m             |
| 8     | 2                | 11M        | 84.1u           | 1.309m                   | -                        | 348.6m             |
| 9     | 3                | 11M        | 62.5u           | 1.360m                   | 1.020m                   | 537.1m             |
| 10    | 2                | 11M        | 96.3u           | 1.862m                   | -                        | 172.3m             |
| 11    | 1                | 11M        | 51.7u           | -                        | -                        | 207.5m             |
| 12    | 2                | 11M        | 91.0u           | 1.645m                   | -                        | 337.1m             |
| 13    | 2                | 11M        | 56.6u           | 1.739m                   | -                        | 566.0m             |
| 14    | 3                | 11M        | 66.1u           | 1.150m                   | 1.775m                   | 563.4m             |
| 15    | 2                | 11M        | 84.0u           | 1.515m                   | -                        | 378.1m             |
| 16    | 1                | 11M        | 76.1u           | -                        | -                        | 565.0m             |
| 17    | 2                | 11M        | 79.4u           | 1.295m                   | -                        | 628.4m             |
| 18    | 2                | 11M        | 75.4u           | 1.198m                   | -                        | 128.5m             |
| 19    | 2                | 11M        | 61.5u           | 949.5u                   | -                        | 582.9m             |

Long Pulse Radar Test Signal  
 Test Signal Name: LP\_Signal\_06  
 Number of Bursts in Trial: 12  
 Chrip Center Frequency: 5290MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 1                | 15M        | 98.7u           | -                        | -                        | 633.0m             |
| 2     | 1                | 15M        | 57.3u           | -                        | -                        | 438.3m             |
| 3     | 3                | 15M        | 68.6u           | 1.493m                   | 1.610m                   | 875.1m             |
| 4     | 2                | 15M        | 97.5u           | 1.612m                   | -                        | 685.6m             |
| 5     | 1                | 15M        | 55.5u           | -                        | -                        | 747.3m             |
| 6     | 2                | 15M        | 62.8u           | 967.2u                   | -                        | 788.4m             |
| 7     | 2                | 15M        | 80.7u           | 1.417m                   | -                        | 652.7m             |
| 8     | 1                | 15M        | 65.9u           | -                        | -                        | 782.6m             |
| 9     | 3                | 15M        | 79.9u           | 1.732m                   | 1.557m                   | 410.0m             |
| 10    | 2                | 15M        | 76.4u           | 1.761m                   | -                        | 78.51m             |
| 11    | 1                | 15M        | 58.1u           | -                        | -                        | 580.4m             |
| 12    | 2                | 15M        | 78.0u           | 961.0u                   | -                        | 162.0m             |

Long Pulse Radar Test Signal  
 Test Signal Name: LP\_Signal\_07  
 Number of Bursts in Trial: 11  
 Chrip Center Frequency: 5290MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 2                | 9M         | 60.9u           | 1.685m                   | -                        | 1.030              |
| 2     | 2                | 9M         | 86.8u           | 1.363m                   | -                        | 1.069              |
| 3     | 2                | 9M         | 95.4u           | 1.521m                   | -                        | 296.1m             |
| 4     | 3                | 9M         | 73.5u           | 1.628m                   | 1.226m                   | 377.5m             |
| 5     | 2                | 9M         | 67.5u           | 1.036m                   | -                        | 644.9m             |
| 6     | 3                | 9M         | 65.5u           | 1.798m                   | 1.561m                   | 766.1m             |
| 7     | 3                | 9M         | 95.9u           | 1.094m                   | 1.242m                   | 537.2m             |
| 8     | 2                | 9M         | 96.2u           | 1.578m                   | -                        | 172.3m             |
| 9     | 2                | 9M         | 90.4u           | 1.274m                   | -                        | 256.1m             |
| 10    | 2                | 9M         | 90.1u           | 1.319m                   | -                        | 842.4m             |
| 11    | 2                | 9M         | 59.3u           | 1.600m                   | -                        | 728.8m             |

Long Pulse Radar Test Signal

Test Signal Name: LP\_Signal\_08

Number of Bursts in Trial: 16

Chrip Center Frequency: 5290MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 1                | 19M        | 53.9u           | -                        | -                        | 653.0m             |
| 2     | 3                | 19M        | 87.4u           | 1.140m                   | 1.207m                   | 109.0m             |
| 3     | 2                | 19M        | 56.0u           | 1.104m                   | -                        | 462.3m             |
| 4     | 2                | 19M        | 62.5u           | 1.625m                   | -                        | 704.3m             |
| 5     | 2                | 19M        | 66.7u           | 1.202m                   | -                        | 296.4m             |
| 6     | 2                | 19M        | 65.6u           | 1.571m                   | -                        | 169.5m             |
| 7     | 2                | 19M        | 65.2u           | 1.889m                   | -                        | 703.7m             |
| 8     | 1                | 19M        | 67.4u           | -                        | -                        | 78.58m             |
| 9     | 3                | 19M        | 70.1u           | 1.820m                   | 1.460m                   | 419.9m             |
| 10    | 2                | 19M        | 62.3u           | 1.636m                   | -                        | 7.821m             |
| 11    | 3                | 19M        | 79.8u           | 1.442m                   | 1.551m                   | 384.2m             |
| 12    | 1                | 19M        | 81.4u           | -                        | -                        | 378.9m             |
| 13    | 2                | 19M        | 75.0u           | 1.336m                   | -                        | 742.0m             |
| 14    | 2                | 19M        | 74.3u           | 1.487m                   | -                        | 726.4m             |
| 15    | 3                | 19M        | 88.8u           | 1.772m                   | 1.153m                   | 168.4m             |
| 16    | 3                | 19M        | 67.7u           | 1.248m                   | 1.211m                   | 647.3m             |

Long Pulse Radar Test Signal

Test Signal Name: LP\_Signal\_09

Number of Bursts in Trial: 16

Chrip Center Frequency: 5290MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 2                | 13M        | 80.2u           | 1.739m                   | -                        | 720.6m             |
| 2     | 3                | 13M        | 50.1u           | 1.816m                   | 1.933m                   | 558.9m             |
| 3     | 1                | 13M        | 96.2u           | -                        | -                        | 211.8m             |
| 4     | 3                | 13M        | 72.6u           | 1.275m                   | 1.410m                   | 628.1m             |
| 5     | 2                | 13M        | 92.6u           | 1.262m                   | -                        | 295.1m             |
| 6     | 2                | 13M        | 70.1u           | 1.814m                   | -                        | 404.0m             |
| 7     | 2                | 13M        | 96.2u           | 1.463m                   | -                        | 89.45m             |
| 8     | 2                | 13M        | 78.6u           | 1.436m                   | -                        | 275.4m             |
| 9     | 2                | 13M        | 85.9u           | 1.077m                   | -                        | 726.5m             |
| 10    | 3                | 13M        | 86.3u           | 1.689m                   | 1.395m                   | 279.8m             |
| 11    | 1                | 13M        | 88.0u           | -                        | -                        | 142.6m             |
| 12    | 3                | 13M        | 58.3u           | 1.051m                   | 995.7u                   | 248.6m             |
| 13    | 2                | 13M        | 95.3u           | 1.642m                   | -                        | 392.4m             |
| 14    | 3                | 13M        | 93.1u           | 1.100m                   | 1.481m                   | 639.1m             |
| 15    | 1                | 13M        | 96.7u           | -                        | -                        | 614.9m             |
| 16    | 2                | 13M        | 67.1u           | 1.370m                   | -                        | 471.2m             |

Long Pulse Radar Test Signal  
 Test Signal Name: LP\_Signal\_10  
 Number of Bursts in Trial: 18  
 Chrip Center Frequency: 5290MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 2                | 17M        | 98.6u           | 1.198m                   | -                        | 344.9m             |
| 2     | 2                | 17M        | 57.6u           | 961.4u                   | -                        | 641.7m             |
| 3     | 1                | 17M        | 56.4u           | -                        | -                        | 308.8m             |
| 4     | 1                | 17M        | 81.4u           | -                        | -                        | 180.2m             |
| 5     | 1                | 17M        | 61.8u           | -                        | -                        | 297.7m             |
| 6     | 2                | 17M        | 90.4u           | 1.563m                   | -                        | 282.9m             |
| 7     | 3                | 17M        | 68.8u           | 1.515m                   | 1.370m                   | 37.46m             |
| 8     | 1                | 17M        | 73.9u           | -                        | -                        | 475.8m             |
| 9     | 2                | 17M        | 68.4u           | 1.684m                   | -                        | 117.5m             |
| 10    | 3                | 17M        | 95.4u           | 1.490m                   | 1.735m                   | 155.9m             |
| 11    | 1                | 17M        | 70.9u           | -                        | -                        | 253.8m             |
| 12    | 1                | 17M        | 94.7u           | -                        | -                        | 356.0m             |
| 13    | 3                | 17M        | 76.9u           | 1.750m                   | 1.203m                   | 56.37m             |
| 14    | 3                | 17M        | 80.6u           | 1.024m                   | 1.881m                   | 588.3m             |
| 15    | 2                | 17M        | 87.2u           | 1.015m                   | -                        | 223.6m             |
| 16    | 2                | 17M        | 85.9u           | 1.898m                   | -                        | 380.5m             |
| 17    | 1                | 17M        | 62.9u           | -                        | -                        | 127.1m             |
| 18    | 2                | 17M        | 96.3u           | 1.532m                   | -                        | 541.3m             |

Long Pulse Radar Test Signal

Test Signal Name: LP\_Signal\_11

Number of Bursts in Trial: 13

Chrip Center Frequency: 5260.25MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 2                | 20M        | 64.2u           | 1.510m                   | -                        | 171.7m             |
| 2     | 2                | 20M        | 85.7u           | 1.457m                   | -                        | 23.95m             |
| 3     | 3                | 20M        | 93.8u           | 1.348m                   | 1.769m                   | 685.0m             |
| 4     | 3                | 20M        | 85.1u           | 1.065m                   | 1.624m                   | 112.8m             |
| 5     | 1                | 20M        | 84.7u           | -                        | -                        | 797.2m             |
| 6     | 2                | 20M        | 80.4u           | 1.702m                   | -                        | 14.43m             |
| 7     | 1                | 20M        | 98.4u           | -                        | -                        | 314.4m             |
| 8     | 2                | 20M        | 71.1u           | 1.369m                   | -                        | 529.1m             |
| 9     | 1                | 20M        | 98.6u           | -                        | -                        | 667.9m             |
| 10    | 2                | 20M        | 91.7u           | 1.176m                   | -                        | 571.6m             |
| 11    | 2                | 20M        | 69.1u           | 1.770m                   | -                        | 615.7m             |
| 12    | 2                | 20M        | 90.9u           | 1.511m                   | -                        | 676.8m             |
| 13    | 2                | 20M        | 89.6u           | 1.199m                   | -                        | 683.8m             |

Long Pulse Radar Test Signal

Test Signal Name: LP\_Signal\_12

Number of Bursts in Trial: 12

Chrip Center Frequency: 5254.65MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 1                | 9M         | 96.5u           | -                        | -                        | 857.4m             |
| 2     | 2                | 9M         | 53.0u           | 1.173m                   | -                        | 643.5m             |
| 3     | 1                | 9M         | 84.3u           | -                        | -                        | 871.6m             |
| 4     | 3                | 9M         | 99.1u           | 1.140m                   | 1.778m                   | 521.9m             |
| 5     | 3                | 9M         | 67.5u           | 1.487m                   | 1.636m                   | 314.7m             |
| 6     | 2                | 9M         | 60.2u           | 1.210m                   | -                        | 877.7m             |
| 7     | 1                | 9M         | 98.6u           | -                        | -                        | 340.6m             |
| 8     | 3                | 9M         | 90.3u           | 1.747m                   | 1.331m                   | 243.1m             |
| 9     | 2                | 9M         | 52.8u           | 1.060m                   | -                        | 767.7m             |
| 10    | 2                | 9M         | 76.4u           | 1.115m                   | -                        | 481.2m             |
| 11    | 3                | 9M         | 98.3u           | 1.759m                   | 1.414m                   | 449.9m             |
| 12    | 1                | 9M         | 66.6u           | -                        | -                        | 887.3m             |

Long Pulse Radar Test Signal  
 Test Signal Name: LP\_Signal\_13  
 Number of Bursts in Trial: 12  
 Chrip Center Frequency: 5259.45MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 2                | 19M        | 83.6u           | 1.774m                   | -                        | 467.4m             |
| 2     | 2                | 19M        | 97.1u           | 1.796m                   | -                        | 328.2m             |
| 3     | 1                | 19M        | 84.9u           | -                        | -                        | 712.5m             |
| 4     | 1                | 19M        | 85.6u           | -                        | -                        | 456.6m             |
| 5     | 2                | 19M        | 97.8u           | 917.2u                   | -                        | 642.0m             |
| 6     | 2                | 19M        | 95.4u           | 1.079m                   | -                        | 800.8m             |
| 7     | 1                | 19M        | 71.2u           | -                        | -                        | 898.6m             |
| 8     | 3                | 19M        | 82.0u           | 1.666m                   | 1.468m                   | 784.5m             |
| 9     | 3                | 19M        | 86.6u           | 1.322m                   | 1.519m                   | 535.5m             |
| 10    | 1                | 19M        | 71.4u           | -                        | -                        | 43.23m             |
| 11    | 2                | 19M        | 62.2u           | 1.268m                   | -                        | 268.5m             |
| 12    | 2                | 19M        | 96.1u           | 1.888m                   | -                        | 253.4m             |

Long Pulse Radar Test Signal  
 Test Signal Name: LP\_Signal\_14  
 Number of Bursts in Trial: 18  
 Chrip Center Frequency: 5259.05MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 1                | 18M        | 92.6u           | -                        | -                        | 574.7m             |
| 2     | 3                | 18M        | 67.9u           | 1.272m                   | 1.316m                   | 302.6m             |
| 3     | 1                | 18M        | 85.3u           | -                        | -                        | 195.7m             |
| 4     | 2                | 18M        | 87.8u           | 1.863m                   | -                        | 517.8m             |
| 5     | 2                | 18M        | 73.7u           | 1.364m                   | -                        | 350.7m             |
| 6     | 1                | 18M        | 55.8u           | -                        | -                        | 569.5m             |
| 7     | 3                | 18M        | 99.1u           | 936.9u                   | 1.756m                   | 652.9m             |
| 8     | 2                | 18M        | 94.5u           | 1.889m                   | -                        | 175.3m             |
| 9     | 2                | 18M        | 69.1u           | 1.741m                   | -                        | 186.8m             |
| 10    | 2                | 18M        | 60.2u           | 1.826m                   | -                        | 144.5m             |
| 11    | 2                | 18M        | 90.0u           | 1.419m                   | -                        | 500.0m             |
| 12    | 2                | 18M        | 98.3u           | 1.336m                   | -                        | 157.3m             |
| 13    | 2                | 18M        | 94.4u           | 1.660m                   | -                        | 479.9m             |
| 14    | 3                | 18M        | 91.0u           | 1.788m                   | 1.474m                   | 137.2m             |
| 15    | 1                | 18M        | 74.3u           | -                        | -                        | 351.9m             |
| 16    | 2                | 18M        | 55.0u           | 1.665m                   | -                        | 89.03m             |
| 17    | 3                | 18M        | 85.5u           | 981.5u                   | 1.182m                   | 444.9m             |
| 18    | 2                | 18M        | 86.1u           | 1.623m                   | -                        | 259.0m             |

Long Pulse Radar Test Signal  
 Test Signal Name: LP\_Signal\_15  
 Number of Bursts in Trial: 8  
 Chrip Center Frequency: 5255.05MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 2                | 10M        | 100.0u          | 1.316m                   | -                        | 574.2m             |
| 2     | 2                | 10M        | 67.5u           | 1.529m                   | -                        | 280.0m             |
| 3     | 3                | 10M        | 52.4u           | 1.833m                   | 955.6u                   | 312.3m             |
| 4     | 3                | 10M        | 74.3u           | 1.451m                   | 1.391m                   | 1.205              |
| 5     | 2                | 10M        | 82.0u           | 1.489m                   | -                        | 1.470              |
| 6     | 2                | 10M        | 65.4u           | 1.871m                   | -                        | 1.159              |
| 7     | 2                | 10M        | 56.9u           | 1.758m                   | -                        | 300.0m             |
| 8     | 1                | 10M        | 67.1u           | -                        | -                        | 431.5m             |

Long Pulse Radar Test Signal

Test Signal Name: LP\_Signal\_16

Number of Bursts in Trial: 9

Chrip Center Frequency: 5259.45MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 2                | 19M        | 89.0u           | 1.663m                   | -                        | 435.6m             |
| 2     | 1                | 19M        | 50.5u           | -                        | -                        | 582.4m             |
| 3     | 2                | 19M        | 58.5u           | 1.078m                   | -                        | 681.0m             |
| 4     | 3                | 19M        | 59.6u           | 1.582m                   | 1.397m                   | 730.4m             |
| 5     | 2                | 19M        | 92.9u           | 1.695m                   | -                        | 227.2m             |
| 6     | 2                | 19M        | 69.6u           | 1.367m                   | -                        | 963.5m             |
| 7     | 2                | 19M        | 65.4u           | 1.684m                   | -                        | 1.200              |
| 8     | 2                | 19M        | 95.7u           | 1.419m                   | -                        | 601.2m             |
| 9     | 2                | 19M        | 88.7u           | 1.095m                   | -                        | 712.2m             |

Long Pulse Radar Test Signal

Test Signal Name: LP\_Signal\_17

Number of Bursts in Trial: 16

Chrip Center Frequency: 5257.85MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 1                | 15M        | 95.3u           | -                        | -                        | 108.6m             |
| 2     | 2                | 15M        | 53.1u           | 1.606m                   | -                        | 65.83m             |
| 3     | 3                | 15M        | 96.8u           | 1.488m                   | 1.352m                   | 2.636m             |
| 4     | 2                | 15M        | 67.5u           | 1.301m                   | -                        | 327.5m             |
| 5     | 3                | 15M        | 55.6u           | 1.122m                   | 1.431m                   | 138.8m             |
| 6     | 1                | 15M        | 50.8u           | -                        | -                        | 12.03m             |
| 7     | 2                | 15M        | 53.4u           | 1.503m                   | -                        | 456.4m             |
| 8     | 3                | 15M        | 54.8u           | 1.412m                   | 1.710m                   | 520.5m             |
| 9     | 3                | 15M        | 53.7u           | 1.685m                   | 1.762m                   | 465.8m             |
| 10    | 2                | 15M        | 60.3u           | 1.837m                   | -                        | 679.9m             |
| 11    | 2                | 15M        | 91.2u           | 1.027m                   | -                        | 500.3m             |
| 12    | 2                | 15M        | 95.7u           | 1.804m                   | -                        | 154.5m             |
| 13    | 2                | 15M        | 70.0u           | 1.808m                   | -                        | 89.20m             |
| 14    | 2                | 15M        | 72.9u           | 1.045m                   | -                        | 617.0m             |
| 15    | 2                | 15M        | 94.5u           | 1.540m                   | -                        | 399.1m             |
| 16    | 3                | 15M        | 67.8u           | 1.932m                   | 1.398m                   | 689.5m             |

Long Pulse Radar Test Signal  
 Test Signal Name: LP\_Signal\_18  
 Number of Bursts in Trial: 12  
 Chrip Center Frequency: 5258.65MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 3                | 17M        | 81.9u           | 1.713m                   | 1.130m                   | 406.8m             |
| 2     | 3                | 17M        | 94.1u           | 1.182m                   | 1.311m                   | 673.2m             |
| 3     | 3                | 17M        | 88.8u           | 1.272m                   | 1.897m                   | 962.9m             |
| 4     | 2                | 17M        | 85.5u           | 1.256m                   | -                        | 689.2m             |
| 5     | 3                | 17M        | 91.6u           | 1.325m                   | 1.053m                   | 396.5m             |
| 6     | 3                | 17M        | 58.7u           | 1.613m                   | 1.768m                   | 692.7m             |
| 7     | 2                | 17M        | 89.9u           | 1.182m                   | -                        | 988.1m             |
| 8     | 3                | 17M        | 74.7u           | 1.139m                   | 1.384m                   | 783.9m             |
| 9     | 2                | 17M        | 74.8u           | 1.849m                   | -                        | 722.0m             |
| 10    | 2                | 17M        | 55.6u           | 967.4u                   | -                        | 325.4m             |
| 11    | 2                | 17M        | 74.6u           | 1.876m                   | -                        | 549.7m             |
| 12    | 3                | 17M        | 97.6u           | 1.660m                   | 1.245m                   | 109.6m             |

Long Pulse Radar Test Signal  
 Test Signal Name: LP\_Signal\_19  
 Number of Bursts in Trial: 10  
 Chrip Center Frequency: 5257.05MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 2                | 13M        | 78.6u           | 1.551m                   | -                        | 833.2m             |
| 2     | 2                | 13M        | 51.6u           | 990.4u                   | -                        | 825.2m             |
| 3     | 2                | 13M        | 86.8u           | 1.097m                   | -                        | 809.6m             |
| 4     | 1                | 13M        | 60.5u           | -                        | -                        | 792.9m             |
| 5     | 2                | 13M        | 54.9u           | 1.783m                   | -                        | 491.4m             |
| 6     | 2                | 13M        | 75.7u           | 1.245m                   | -                        | 717.7m             |
| 7     | 2                | 13M        | 55.0u           | 1.513m                   | -                        | 1.155              |
| 8     | 2                | 13M        | 79.2u           | 955.8u                   | -                        | 118.6m             |
| 9     | 1                | 13M        | 56.4u           | -                        | -                        | 881.1m             |
| 10    | 1                | 13M        | 97.7u           | -                        | -                        | 978.0m             |

Long Pulse Radar Test Signal  
 Test Signal Name: LP\_Signal\_20  
 Number of Bursts in Trial: 16  
 Chrip Center Frequency: 5259.85MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 2                | 20M        | 98.1u           | 1.220m                   | -                        | 507.2m             |
| 2     | 2                | 20M        | 73.5u           | 1.910m                   | -                        | 227.2m             |
| 3     | 2                | 20M        | 98.2u           | 1.506m                   | -                        | 631.2m             |
| 4     | 3                | 20M        | 97.9u           | 1.595m                   | 1.851m                   | 164.0m             |
| 5     | 1                | 20M        | 92.9u           | -                        | -                        | 45.06m             |
| 6     | 2                | 20M        | 76.6u           | 1.260m                   | -                        | 601.8m             |
| 7     | 2                | 20M        | 68.1u           | 1.217m                   | -                        | 342.9m             |
| 8     | 1                | 20M        | 53.3u           | -                        | -                        | 86.38m             |
| 9     | 2                | 20M        | 58.0u           | 978.0u                   | -                        | 75.50m             |
| 10    | 1                | 20M        | 66.6u           | -                        | -                        | 328.5m             |
| 11    | 3                | 20M        | 69.0u           | 1.388m                   | 1.330m                   | 707.6m             |
| 12    | 2                | 20M        | 68.3u           | 1.450m                   | -                        | 328.0m             |
| 13    | 3                | 20M        | 99.1u           | 1.752m                   | 1.303m                   | 426.0m             |
| 14    | 1                | 20M        | 94.8u           | -                        | -                        | 632.9m             |
| 15    | 1                | 20M        | 99.7u           | -                        | -                        | 169.8m             |
| 16    | 1                | 20M        | 51.5u           | -                        | -                        | 455.1m             |

Long Pulse Radar Test Signal  
 Test Signal Name: LP\_Signal\_21  
 Number of Bursts in Trial: 13  
 Chrip Center Frequency: 5322.55MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 2                | 15M        | 64.2u           | 1.510m                   | -                        | 171.7m             |
| 2     | 2                | 15M        | 85.7u           | 1.457m                   | -                        | 23.95m             |
| 3     | 3                | 15M        | 93.8u           | 1.348m                   | 1.769m                   | 685.0m             |
| 4     | 3                | 15M        | 85.1u           | 1.065m                   | 1.624m                   | 112.8m             |
| 5     | 1                | 15M        | 84.7u           | -                        | -                        | 797.2m             |
| 6     | 2                | 15M        | 80.4u           | 1.702m                   | -                        | 14.43m             |
| 7     | 1                | 15M        | 98.4u           | -                        | -                        | 314.4m             |
| 8     | 2                | 15M        | 71.1u           | 1.369m                   | -                        | 529.1m             |
| 9     | 1                | 15M        | 98.6u           | -                        | -                        | 667.9m             |
| 10    | 2                | 15M        | 91.7u           | 1.176m                   | -                        | 571.6m             |
| 11    | 2                | 15M        | 69.1u           | 1.770m                   | -                        | 615.7m             |
| 12    | 2                | 15M        | 90.9u           | 1.511m                   | -                        | 676.8m             |
| 13    | 2                | 15M        | 89.6u           | 1.199m                   | -                        | 683.8m             |

Long Pulse Radar Test Signal  
 Test Signal Name: LP\_Signal\_22  
 Number of Bursts in Trial: 16  
 Chrip Center Frequency: 5325.35MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 1                | 8M         | 59.2u           | -                        | -                        | 243.0m             |
| 2     | 2                | 8M         | 94.5u           | 1.834m                   | -                        | 299.3m             |
| 3     | 2                | 8M         | 95.4u           | 1.641m                   | -                        | 566.0m             |
| 4     | 3                | 8M         | 59.5u           | 1.313m                   | 1.332m                   | 354.8m             |
| 5     | 2                | 8M         | 62.1u           | 1.158m                   | -                        | 618.4m             |
| 6     | 3                | 8M         | 73.9u           | 1.671m                   | 1.534m                   | 629.7m             |
| 7     | 2                | 8M         | 50.4u           | 1.155m                   | -                        | 384.7m             |
| 8     | 3                | 8M         | 62.7u           | 1.675m                   | 1.571m                   | 94.54m             |
| 9     | 1                | 8M         | 52.4u           | -                        | -                        | 45.93m             |
| 10    | 3                | 8M         | 55.9u           | 1.743m                   | 1.537m                   | 37.45m             |
| 11    | 2                | 8M         | 62.1u           | 1.725m                   | -                        | 173.9m             |
| 12    | 3                | 8M         | 65.1u           | 1.567m                   | 1.369m                   | 549.6m             |
| 13    | 3                | 8M         | 80.3u           | 1.548m                   | 1.117m                   | 530.8m             |
| 14    | 2                | 8M         | 85.5u           | 1.063m                   | -                        | 265.8m             |
| 15    | 3                | 8M         | 54.7u           | 1.134m                   | 1.657m                   | 49.43m             |
| 16    | 2                | 8M         | 85.8u           | 1.450m                   | -                        | 382.0m             |

Long Pulse Radar Test Signal  
 Test Signal Name: LP\_Signal\_23  
 Number of Bursts in Trial: 12  
 Chrip Center Frequency: 5320.95MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 2                | 18M        | 95.2u           | 1.690m                   | -                        | 993.9m             |
| 2     | 2                | 18M        | 82.3u           | 1.520m                   | -                        | 555.8m             |
| 3     | 3                | 18M        | 95.0u           | 1.392m                   | 1.015m                   | 566.4m             |
| 4     | 1                | 18M        | 52.8u           | -                        | -                        | 362.2m             |
| 5     | 1                | 18M        | 53.1u           | -                        | -                        | 102.8m             |
| 6     | 2                | 18M        | 96.4u           | 1.454m                   | -                        | 714.3m             |
| 7     | 2                | 18M        | 56.0u           | 1.235m                   | -                        | 252.4m             |
| 8     | 2                | 18M        | 64.8u           | 1.410m                   | -                        | 466.8m             |
| 9     | 2                | 18M        | 51.9u           | 1.473m                   | -                        | 878.3m             |
| 10    | 1                | 18M        | 81.5u           | -                        | -                        | 856.4m             |
| 11    | 2                | 18M        | 97.8u           | 1.480m                   | -                        | 699.6m             |
| 12    | 3                | 18M        | 61.7u           | 1.069m                   | 1.910m                   | 663.4m             |

Long Pulse Radar Test Signal

Test Signal Name: LP\_Signal\_24

Number of Bursts in Trial: 9

Chrip Center Frequency: 5324.95MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 3                | 9M         | 80.2u           | 1.716m                   | 1.208m                   | 458.3m             |
| 2     | 2                | 9M         | 99.0u           | 1.877m                   | -                        | 80.24m             |
| 3     | 1                | 9M         | 70.5u           | -                        | -                        | 705.0m             |
| 4     | 1                | 9M         | 88.3u           | -                        | -                        | 69.65m             |
| 5     | 2                | 9M         | 56.4u           | 1.516m                   | -                        | 922.0m             |
| 6     | 1                | 9M         | 100.0u          | -                        | -                        | 179.3m             |
| 7     | 2                | 9M         | 58.2u           | 994.8u                   | -                        | 1.187              |
| 8     | 1                | 9M         | 98.0u           | -                        | -                        | 223.9m             |
| 9     | 1                | 9M         | 92.7u           | -                        | -                        | 927.1m             |

Long Pulse Radar Test Signal

Test Signal Name: LP\_Signal\_25

Number of Bursts in Trial: 9

Chrip Center Frequency: 5324.15MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 2                | 11M        | 81.8u           | 959.2u                   | -                        | 874.4m             |
| 2     | 1                | 11M        | 80.9u           | -                        | -                        | 1.030              |
| 3     | 3                | 11M        | 56.3u           | 999.7u                   | 1.916m                   | 930.7m             |
| 4     | 2                | 11M        | 63.6u           | 1.070m                   | -                        | 903.9m             |
| 5     | 2                | 11M        | 65.0u           | 1.382m                   | -                        | 89.36m             |
| 6     | 3                | 11M        | 83.5u           | 1.311m                   | 979.5u                   | 725.0m             |
| 7     | 3                | 11M        | 83.8u           | 918.2u                   | 1.113m                   | 1.114              |
| 8     | 2                | 11M        | 51.9u           | 1.314m                   | -                        | 1.096              |
| 9     | 2                | 11M        | 72.3u           | 1.174m                   | -                        | 658.1m             |

Long Pulse Radar Test Signal  
 Test Signal Name: LP\_Signal\_26  
 Number of Bursts in Trial: 12  
 Chrip Center Frequency: 5323.35MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 1                | 13M        | 98.7u           | -                        | -                        | 633.0m             |
| 2     | 1                | 13M        | 57.3u           | -                        | -                        | 438.3m             |
| 3     | 3                | 13M        | 68.6u           | 1.493m                   | 1.610m                   | 875.1m             |
| 4     | 2                | 13M        | 97.5u           | 1.612m                   | -                        | 685.6m             |
| 5     | 1                | 13M        | 55.5u           | -                        | -                        | 747.3m             |
| 6     | 2                | 13M        | 62.8u           | 967.2u                   | -                        | 788.4m             |
| 7     | 2                | 13M        | 80.7u           | 1.417m                   | -                        | 652.7m             |
| 8     | 1                | 13M        | 65.9u           | -                        | -                        | 782.6m             |
| 9     | 3                | 13M        | 79.9u           | 1.732m                   | 1.557m                   | 410.0m             |
| 10    | 2                | 13M        | 76.4u           | 1.761m                   | -                        | 78.51m             |
| 11    | 1                | 13M        | 58.1u           | -                        | -                        | 580.4m             |
| 12    | 2                | 13M        | 78.0u           | 961.0u                   | -                        | 162.0m             |

Long Pulse Radar Test Signal  
 Test Signal Name: LP\_Signal\_27  
 Number of Bursts in Trial: 19  
 Chrip Center Frequency: 5320.55MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 3                | 18M        | 57.4u           | 1.310m                   | 1.063m                   | 263.4m             |
| 2     | 3                | 18M        | 53.6u           | 1.063m                   | 1.123m                   | 239.3m             |
| 3     | 3                | 18M        | 82.4u           | 1.425m                   | 1.371m                   | 434.0m             |
| 4     | 2                | 18M        | 83.1u           | 1.514m                   | -                        | 308.5m             |
| 5     | 3                | 18M        | 89.8u           | 1.210m                   | 1.455m                   | 259.5m             |
| 6     | 2                | 18M        | 95.6u           | 1.397m                   | -                        | 66.09m             |
| 7     | 2                | 18M        | 70.5u           | 1.045m                   | -                        | 558.6m             |
| 8     | 2                | 18M        | 89.0u           | 1.309m                   | -                        | 92.83m             |
| 9     | 1                | 18M        | 83.7u           | -                        | -                        | 524.2m             |
| 10    | 3                | 18M        | 93.5u           | 1.004m                   | 1.611m                   | 438.4m             |
| 11    | 2                | 18M        | 54.3u           | 1.632m                   | -                        | 338.8m             |
| 12    | 1                | 18M        | 72.4u           | -                        | -                        | 84.23m             |
| 13    | 3                | 18M        | 72.1u           | 1.064m                   | 1.337m                   | 270.5m             |
| 14    | 2                | 18M        | 77.9u           | 1.844m                   | -                        | 230.5m             |
| 15    | 2                | 18M        | 89.1u           | 1.282m                   | -                        | 173.5m             |
| 16    | 2                | 18M        | 70.0u           | 1.089m                   | -                        | 189.6m             |
| 17    | 3                | 18M        | 87.1u           | 1.138m                   | 1.322m                   | 348.7m             |
| 18    | 1                | 18M        | 56.9u           | -                        | -                        | 486.2m             |
| 19    | 3                | 18M        | 79.4u           | 1.267m                   | 1.580m                   | 285.8m             |

Long Pulse Radar Test Signal

Test Signal Name: LP\_Signal\_28

Number of Bursts in Trial: 12

Chrip Center Frequency: 5324.15MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 3                | 11M        | 81.9u           | 1.713m                   | 1.130m                   | 406.8m             |
| 2     | 3                | 11M        | 94.1u           | 1.182m                   | 1.311m                   | 673.2m             |
| 3     | 3                | 11M        | 88.8u           | 1.272m                   | 1.897m                   | 962.9m             |
| 4     | 2                | 11M        | 85.5u           | 1.256m                   | -                        | 689.2m             |
| 5     | 3                | 11M        | 91.6u           | 1.325m                   | 1.053m                   | 396.5m             |
| 6     | 3                | 11M        | 58.7u           | 1.613m                   | 1.768m                   | 692.7m             |
| 7     | 2                | 11M        | 89.9u           | 1.182m                   | -                        | 988.1m             |
| 8     | 3                | 11M        | 74.7u           | 1.139m                   | 1.384m                   | 783.9m             |
| 9     | 2                | 11M        | 74.8u           | 1.849m                   | -                        | 722.0m             |
| 10    | 2                | 11M        | 55.6u           | 967.4u                   | -                        | 325.4m             |
| 11    | 2                | 11M        | 74.6u           | 1.876m                   | -                        | 549.7m             |
| 12    | 3                | 11M        | 97.6u           | 1.660m                   | 1.245m                   | 109.6m             |

Long Pulse Radar Test Signal

Test Signal Name: LP\_Signal\_29

Number of Bursts in Trial: 10

Chrip Center Frequency: 5325.35MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 2                | 9M         | 78.6u           | 1.551m                   | -                        | 833.2m             |
| 2     | 2                | 9M         | 51.6u           | 990.4u                   | -                        | 825.2m             |
| 3     | 2                | 9M         | 86.8u           | 1.097m                   | -                        | 809.6m             |
| 4     | 1                | 9M         | 60.5u           | -                        | -                        | 792.9m             |
| 5     | 2                | 9M         | 54.9u           | 1.783m                   | -                        | 491.4m             |
| 6     | 2                | 9M         | 75.7u           | 1.245m                   | -                        | 717.7m             |
| 7     | 2                | 9M         | 55.0u           | 1.513m                   | -                        | 1.155              |
| 8     | 2                | 9M         | 79.2u           | 955.8u                   | -                        | 118.6m             |
| 9     | 1                | 9M         | 56.4u           | -                        | -                        | 881.1m             |
| 10    | 1                | 9M         | 97.7u           | -                        | -                        | 978.0m             |

Long Pulse Radar Test Signal  
 Test Signal Name: LP\_Signal\_30  
 Number of Bursts in Trial: 16  
 Chrip Center Frequency: 5319.75MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 2                | 20M        | 98.1u           | 1.220m                   | -                        | 507.2m             |
| 2     | 2                | 20M        | 73.5u           | 1.910m                   | -                        | 227.2m             |
| 3     | 2                | 20M        | 98.2u           | 1.506m                   | -                        | 631.2m             |
| 4     | 3                | 20M        | 97.9u           | 1.595m                   | 1.851m                   | 164.0m             |
| 5     | 1                | 20M        | 92.9u           | -                        | -                        | 45.06m             |
| 6     | 2                | 20M        | 76.6u           | 1.260m                   | -                        | 601.8m             |
| 7     | 2                | 20M        | 68.1u           | 1.217m                   | -                        | 342.9m             |
| 8     | 1                | 20M        | 53.3u           | -                        | -                        | 86.38m             |
| 9     | 2                | 20M        | 58.0u           | 978.0u                   | -                        | 75.50m             |
| 10    | 1                | 20M        | 66.6u           | -                        | -                        | 328.5m             |
| 11    | 3                | 20M        | 69.0u           | 1.388m                   | 1.330m                   | 707.6m             |
| 12    | 2                | 20M        | 68.3u           | 1.450m                   | -                        | 328.0m             |
| 13    | 3                | 20M        | 99.1u           | 1.752m                   | 1.303m                   | 426.0m             |
| 14    | 1                | 20M        | 94.8u           | -                        | -                        | 632.9m             |
| 15    | 1                | 20M        | 99.7u           | -                        | -                        | 169.8m             |
| 16    | 1                | 20M        | 51.5u           | -                        | -                        | 455.1m             |

For B3 - 802.11ac VHT80

Long Pulse Radar Test Signal

Test Signal Name: LP\_Signal\_01

Number of Bursts in Trial: 14

Chrip Center Frequency: 5530MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 2                | 15M        | 89.8u           | 958.2u                   | -                        | 146.9m             |
| 2     | 3                | 15M        | 93.1u           | 1.680m                   | 1.399m                   | 602.2m             |
| 3     | 3                | 15M        | 99.9u           | 1.412m                   | 1.104m                   | 382.3m             |
| 4     | 3                | 15M        | 81.3u           | 1.361m                   | 1.357m                   | 826.3m             |
| 5     | 2                | 15M        | 58.9u           | 1.882m                   | -                        | 678.3m             |
| 6     | 2                | 15M        | 62.6u           | 1.115m                   | -                        | 41.22m             |
| 7     | 1                | 15M        | 59.4u           | -                        | -                        | 168.2m             |
| 8     | 2                | 15M        | 58.4u           | 1.786m                   | -                        | 810.7m             |
| 9     | 3                | 15M        | 93.1u           | 1.298m                   | 1.212m                   | 651.9m             |
| 10    | 2                | 15M        | 50.6u           | 1.849m                   | -                        | 168.0m             |
| 11    | 2                | 15M        | 82.1u           | 1.866m                   | -                        | 296.7m             |
| 12    | 2                | 15M        | 89.9u           | 1.635m                   | -                        | 266.2m             |
| 13    | 1                | 15M        | 92.5u           | -                        | -                        | 540.8m             |
| 14    | 3                | 15M        | 92.9u           | 1.003m                   | 1.034m                   | 233.0m             |

Long Pulse Radar Test Signal  
 Test Signal Name: LP\_Signal\_02  
 Number of Bursts in Trial: 20  
 Chrip Center Frequency: 5530MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 2                | 8M         | 63.1u           | 1.352m                   | -                        | 165.6m             |
| 2     | 2                | 8M         | 58.9u           | 1.458m                   | -                        | 231.2m             |
| 3     | 2                | 8M         | 77.9u           | 1.812m                   | -                        | 578.2m             |
| 4     | 2                | 8M         | 55.4u           | 1.834m                   | -                        | 493.0m             |
| 5     | 3                | 8M         | 93.5u           | 1.337m                   | 1.895m                   | 207.5m             |
| 6     | 2                | 8M         | 92.8u           | 1.212m                   | -                        | 161.6m             |
| 7     | 3                | 8M         | 60.2u           | 1.500m                   | 1.299m                   | 450.6m             |
| 8     | 3                | 8M         | 92.9u           | 980.1u                   | 1.224m                   | 70.72m             |
| 9     | 3                | 8M         | 68.5u           | 1.737m                   | 1.169m                   | 263.0m             |
| 10    | 2                | 8M         | 85.6u           | 967.4u                   | -                        | 128.5m             |
| 11    | 2                | 8M         | 85.4u           | 1.165m                   | -                        | 495.9m             |
| 12    | 2                | 8M         | 68.2u           | 1.498m                   | -                        | 88.26m             |
| 13    | 2                | 8M         | 66.6u           | 1.769m                   | -                        | 10.88m             |
| 14    | 3                | 8M         | 56.7u           | 1.517m                   | 1.056m                   | 393.2m             |
| 15    | 1                | 8M         | 61.9u           | -                        | -                        | 488.3m             |
| 16    | 3                | 8M         | 92.9u           | 1.185m                   | 1.163m                   | 309.7m             |
| 17    | 2                | 8M         | 59.6u           | 1.139m                   | -                        | 243.6m             |
| 18    | 3                | 8M         | 71.4u           | 1.337m                   | 1.026m                   | 381.3m             |
| 19    | 3                | 8M         | 66.5u           | 1.886m                   | 1.669m                   | 75.38m             |
| 20    | 1                | 8M         | 99.2u           | -                        | -                        | 205.0m             |

Long Pulse Radar Test Signal

Test Signal Name: LP\_Signal\_03

Number of Bursts in Trial: 15

Chrip Center Frequency: 5530MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 1                | 11M        | 63.9u           | -                        | -                        | 77.33m             |
| 2     | 2                | 11M        | 94.7u           | 1.807m                   | -                        | 47.69m             |
| 3     | 2                | 11M        | 55.2u           | 1.653m                   | -                        | 235.8m             |
| 4     | 1                | 11M        | 88.6u           | -                        | -                        | 734.4m             |
| 5     | 3                | 11M        | 58.9u           | 1.448m                   | 1.576m                   | 594.5m             |
| 6     | 3                | 11M        | 80.2u           | 1.051m                   | 1.328m                   | 738.1m             |
| 7     | 2                | 11M        | 51.8u           | 1.771m                   | -                        | 610.0m             |
| 8     | 1                | 11M        | 58.2u           | -                        | -                        | 187.6m             |
| 9     | 3                | 11M        | 51.5u           | 1.442m                   | 1.642m                   | 91.17m             |
| 10    | 2                | 11M        | 54.6u           | 1.066m                   | -                        | 128.0m             |
| 11    | 3                | 11M        | 92.5u           | 1.718m                   | 1.207m                   | 337.4m             |
| 12    | 3                | 11M        | 88.1u           | 1.794m                   | 1.583m                   | 438.5m             |
| 13    | 2                | 11M        | 63.5u           | 1.643m                   | -                        | 214.3m             |
| 14    | 2                | 11M        | 73.1u           | 959.9u                   | -                        | 235.5m             |
| 15    | 1                | 11M        | 71.4u           | -                        | -                        | 509.1m             |

Long Pulse Radar Test Signal  
 Test Signal Name: LP\_Signal\_04  
 Number of Bursts in Trial: 17  
 Chrip Center Frequency: 5530MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 1                | 20M        | 99.1u           | -                        | -                        | 365.0m             |
| 2     | 2                | 20M        | 80.2u           | 1.073m                   | -                        | 218.9m             |
| 3     | 1                | 20M        | 98.4u           | -                        | -                        | 62.40m             |
| 4     | 2                | 20M        | 79.9u           | 924.1u                   | -                        | 28.38m             |
| 5     | 3                | 20M        | 85.7u           | 1.729m                   | 1.103m                   | 59.49m             |
| 6     | 3                | 20M        | 83.1u           | 1.033m                   | 1.823m                   | 360.0m             |
| 7     | 1                | 20M        | 93.9u           | -                        | -                        | 207.7m             |
| 8     | 2                | 20M        | 92.9u           | 1.657m                   | -                        | 307.2m             |
| 9     | 2                | 20M        | 93.9u           | 1.164m                   | -                        | 269.1m             |
| 10    | 3                | 20M        | 71.8u           | 1.516m                   | 1.207m                   | 433.3m             |
| 11    | 2                | 20M        | 60.1u           | 1.913m                   | -                        | 334.1m             |
| 12    | 2                | 20M        | 65.1u           | 1.569m                   | -                        | 471.0m             |
| 13    | 2                | 20M        | 70.1u           | 1.020m                   | -                        | 403.4m             |
| 14    | 2                | 20M        | 54.7u           | 1.505m                   | -                        | 537.2m             |
| 15    | 2                | 20M        | 71.7u           | 1.764m                   | -                        | 569.9m             |
| 16    | 2                | 20M        | 98.5u           | 1.729m                   | -                        | 505.7m             |
| 17    | 2                | 20M        | 90.2u           | 1.677m                   | -                        | 644.0m             |

Long Pulse Radar Test Signal  
 Test Signal Name: LP\_Signal\_05  
 Number of Bursts in Trial: 11  
 Chrip Center Frequency: 5530MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 1                | 17M        | 64.2u           | -                        | -                        | 494.2m             |
| 2     | 2                | 17M        | 97.0u           | 1.292m                   | -                        | 114.8m             |
| 3     | 2                | 17M        | 52.3u           | 1.620m                   | -                        | 1.064              |
| 4     | 2                | 17M        | 60.6u           | 1.251m                   | -                        | 410.6m             |
| 5     | 3                | 17M        | 84.8u           | 1.723m                   | 1.288m                   | 300.7m             |
| 6     | 1                | 17M        | 50.7u           | -                        | -                        | 53.23m             |
| 7     | 3                | 17M        | 89.9u           | 1.262m                   | 1.445m                   | 710.3m             |
| 8     | 2                | 17M        | 97.5u           | 1.135m                   | -                        | 685.6m             |
| 9     | 1                | 17M        | 64.6u           | -                        | -                        | 299.5m             |
| 10    | 3                | 17M        | 54.2u           | 1.045m                   | 1.103m                   | 829.1m             |
| 11    | 1                | 17M        | 71.8u           | -                        | -                        | 490.9m             |

Long Pulse Radar Test Signal

Test Signal Name: LP\_Signal\_06

Number of Bursts in Trial: 19

Chrip Center Frequency: 5530MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 2                | 14M        | 76.9u           | 1.237m                   | -                        | 555.7m             |
| 2     | 3                | 14M        | 90.6u           | 1.903m                   | 1.092m                   | 438.1m             |
| 3     | 2                | 14M        | 99.3u           | 1.507m                   | -                        | 346.0m             |
| 4     | 2                | 14M        | 89.9u           | 1.524m                   | -                        | 345.9m             |
| 5     | 2                | 14M        | 65.6u           | 1.720m                   | -                        | 258.9m             |
| 6     | 1                | 14M        | 77.2u           | -                        | -                        | 347.7m             |
| 7     | 1                | 14M        | 60.5u           | -                        | -                        | 359.7m             |
| 8     | 3                | 14M        | 65.1u           | 1.373m                   | 1.097m                   | 337.8m             |
| 9     | 2                | 14M        | 65.7u           | 1.587m                   | -                        | 359.4m             |
| 10    | 3                | 14M        | 90.6u           | 1.294m                   | 1.142m                   | 366.8m             |
| 11    | 2                | 14M        | 82.4u           | 1.038m                   | -                        | 435.3m             |
| 12    | 2                | 14M        | 95.2u           | 980.8u                   | -                        | 333.7m             |
| 13    | 1                | 14M        | 50.2u           | -                        | -                        | 586.5m             |
| 14    | 2                | 14M        | 55.7u           | 1.311m                   | -                        | 577.6m             |
| 15    | 1                | 14M        | 76.5u           | -                        | -                        | 29.99m             |
| 16    | 3                | 14M        | 73.2u           | 1.228m                   | 960.8u                   | 610.8m             |
| 17    | 3                | 14M        | 80.8u           | 1.016m                   | 1.639m                   | 124.7m             |
| 18    | 1                | 14M        | 75.1u           | -                        | -                        | 525.7m             |
| 19    | 2                | 14M        | 90.5u           | 1.397m                   | -                        | 210.0m             |

Long Pulse Radar Test Signal  
 Test Signal Name: LP\_Signal\_07  
 Number of Bursts in Trial: 12  
 Chrip Center Frequency: 5530MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 2                | 15M        | 93.4u           | 1.791m                   | -                        | 467.1m             |
| 2     | 2                | 15M        | 53.0u           | 1.331m                   | -                        | 100.2m             |
| 3     | 2                | 15M        | 63.1u           | 1.017m                   | -                        | 444.6m             |
| 4     | 2                | 15M        | 66.4u           | 1.835m                   | -                        | 765.4m             |
| 5     | 2                | 15M        | 54.8u           | 1.828m                   | -                        | 810.6m             |
| 6     | 3                | 15M        | 99.5u           | 974.5u                   | 1.850m                   | 833.5m             |
| 7     | 1                | 15M        | 94.7u           | -                        | -                        | 898.3m             |
| 8     | 3                | 15M        | 51.2u           | 1.184m                   | 1.832m                   | 783.4m             |
| 9     | 3                | 15M        | 87.4u           | 1.279m                   | 1.661m                   | 145.4m             |
| 10    | 3                | 15M        | 60.8u           | 1.353m                   | 1.908m                   | 109.4m             |
| 11    | 2                | 15M        | 81.3u           | 1.689m                   | -                        | 467.0m             |
| 12    | 2                | 15M        | 65.6u           | 957.4u                   | -                        | 612.4m             |

Long Pulse Radar Test Signal  
 Test Signal Name: LP\_Signal\_08  
 Number of Bursts in Trial: 15  
 Chrip Center Frequency: 5530MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 2                | 12M        | 74.4u           | 1.078m                   | -                        | 405.4m             |
| 2     | 2                | 12M        | 64.5u           | 1.652m                   | -                        | 642.9m             |
| 3     | 2                | 12M        | 60.9u           | 1.407m                   | -                        | 702.7m             |
| 4     | 1                | 12M        | 93.7u           | -                        | -                        | 738.4m             |
| 5     | 3                | 12M        | 73.4u           | 1.274m                   | 1.171m                   | 600.8m             |
| 6     | 2                | 12M        | 65.8u           | 1.640m                   | -                        | 566.8m             |
| 7     | 2                | 12M        | 67.9u           | 1.038m                   | -                        | 561.0m             |
| 8     | 2                | 12M        | 75.2u           | 970.8u                   | -                        | 25.08m             |
| 9     | 1                | 12M        | 58.5u           | -                        | -                        | 667.7m             |
| 10    | 1                | 12M        | 97.9u           | -                        | -                        | 176.6m             |
| 11    | 3                | 12M        | 87.6u           | 1.679m                   | 1.187m                   | 730.3m             |
| 12    | 1                | 12M        | 94.5u           | -                        | -                        | 720.4m             |
| 13    | 3                | 12M        | 56.4u           | 1.013m                   | 1.776m                   | 274.4m             |
| 14    | 2                | 12M        | 84.2u           | 1.338m                   | -                        | 186.8m             |
| 15    | 1                | 12M        | 67.2u           | -                        | -                        | 223.4m             |

Long Pulse Radar Test Signal

Test Signal Name: LP\_Signal\_09

Number of Bursts in Trial: 10

Chrip Center Frequency: 5530MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 2                | 14M        | 99.1u           | 1.432m                   | -                        | 452.6m             |
| 2     | 2                | 14M        | 85.7u           | 1.749m                   | -                        | 995.1m             |
| 3     | 2                | 14M        | 63.1u           | 1.583m                   | -                        | 348.2m             |
| 4     | 2                | 14M        | 78.7u           | 1.420m                   | -                        | 1.184              |
| 5     | 2                | 14M        | 82.0u           | 1.576m                   | -                        | 745.4m             |
| 6     | 1                | 14M        | 52.4u           | -                        | -                        | 410.8m             |
| 7     | 3                | 14M        | 79.4u           | 1.362m                   | 994.6u                   | 206.2m             |
| 8     | 3                | 14M        | 90.4u           | 1.173m                   | 1.671m                   | 534.7m             |
| 9     | 2                | 14M        | 92.6u           | 1.715m                   | -                        | 1.114              |
| 10    | 2                | 14M        | 84.6u           | 1.254m                   | -                        | 963.0m             |

Long Pulse Radar Test Signal

Test Signal Name: LP\_Signal\_10

Number of Bursts in Trial: 12

Chrip Center Frequency: 5530MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 3                | 8M         | 91.9u           | 1.303m                   | 1.089m                   | 773.6m             |
| 2     | 3                | 8M         | 60.3u           | 1.462m                   | 1.450m                   | 919.7m             |
| 3     | 2                | 8M         | 67.3u           | 1.863m                   | -                        | 541.7m             |
| 4     | 2                | 8M         | 81.9u           | 1.640m                   | -                        | 615.1m             |
| 5     | 2                | 8M         | 86.7u           | 1.507m                   | -                        | 774.5m             |
| 6     | 2                | 8M         | 79.8u           | 1.827m                   | -                        | 615.8m             |
| 7     | 2                | 8M         | 94.9u           | 1.478m                   | -                        | 145.1m             |
| 8     | 2                | 8M         | 77.6u           | 1.605m                   | -                        | 650.7m             |
| 9     | 2                | 8M         | 88.8u           | 1.690m                   | -                        | 806.3m             |
| 10    | 1                | 8M         | 89.3u           | -                        | -                        | 451.0m             |
| 11    | 2                | 8M         | 80.7u           | 1.437m                   | -                        | 12.93m             |
| 12    | 2                | 8M         | 80.1u           | 1.246m                   | -                        | 6.725m             |

Long Pulse Radar Test Signal  
 Test Signal Name: LP\_Signal\_11  
 Number of Bursts in Trial: 8  
 Chrip Center Frequency: 5498.4MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 2                | 17M        | 61.9u           | 1.482m                   | -                        | 23.65m             |
| 2     | 2                | 17M        | 76.8u           | 1.819m                   | -                        | 1.274              |
| 3     | 1                | 17M        | 93.8u           | -                        | -                        | 1.028              |
| 4     | 3                | 17M        | 67.8u           | 1.480m                   | 1.136m                   | 355.3m             |
| 5     | 2                | 17M        | 79.1u           | 1.648m                   | -                        | 1.431              |
| 6     | 2                | 17M        | 82.1u           | 1.086m                   | -                        | 516.9m             |
| 7     | 1                | 17M        | 70.6u           | -                        | -                        | 1.348              |
| 8     | 2                | 17M        | 77.9u           | 1.747m                   | -                        | 1.102              |

Long Pulse Radar Test Signal  
 Test Signal Name: LP\_Signal\_12  
 Number of Bursts in Trial: 13  
 Chrip Center Frequency: 5499.6MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 1                | 19M        | 58.8u           | -                        | -                        | 24.59m             |
| 2     | 2                | 19M        | 70.7u           | 1.396m                   | -                        | 679.2m             |
| 3     | 2                | 19M        | 73.6u           | 1.819m                   | -                        | 117.6m             |
| 4     | 2                | 19M        | 61.6u           | 1.469m                   | -                        | 619.5m             |
| 5     | 2                | 19M        | 94.1u           | 1.818m                   | -                        | 334.8m             |
| 6     | 2                | 19M        | 75.1u           | 1.779m                   | -                        | 356.5m             |
| 7     | 2                | 19M        | 72.8u           | 1.892m                   | -                        | 109.8m             |
| 8     | 1                | 19M        | 60.6u           | -                        | -                        | 347.6m             |
| 9     | 1                | 19M        | 78.3u           | -                        | -                        | 296.3m             |
| 10    | 1                | 19M        | 92.8u           | -                        | -                        | 611.0m             |
| 11    | 2                | 19M        | 87.0u           | 1.901m                   | -                        | 64.79m             |
| 12    | 2                | 19M        | 98.1u           | 1.888m                   | -                        | 304.4m             |
| 13    | 2                | 19M        | 53.2u           | 1.031m                   | -                        | 667.8m             |

Long Pulse Radar Test Signal  
Test Signal Name: LP\_Signal\_13  
Number of Bursts in Trial: 19  
Chrip Center Frequency: 5497.2MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 2                | 15M        | 85.7u           | 1.367m                   | -                        | 603.6m             |
| 2     | 3                | 15M        | 78.6u           | 1.641m                   | 1.199m                   | 161.4m             |
| 3     | 3                | 15M        | 80.1u           | 1.820m                   | 1.882m                   | 517.0m             |
| 4     | 2                | 15M        | 62.7u           | 979.3u                   | -                        | 319.0m             |
| 5     | 2                | 15M        | 85.2u           | 1.237m                   | -                        | 559.3m             |
| 6     | 3                | 15M        | 98.1u           | 1.761m                   | 1.255m                   | 106.3m             |
| 7     | 1                | 15M        | 72.0u           | -                        | -                        | 136.6m             |
| 8     | 2                | 15M        | 68.4u           | 1.583m                   | -                        | 562.6m             |
| 9     | 1                | 15M        | 82.6u           | -                        | -                        | 591.2m             |
| 10    | 2                | 15M        | 82.9u           | 1.029m                   | -                        | 339.8m             |
| 11    | 1                | 15M        | 66.1u           | -                        | -                        | 277.3m             |
| 12    | 2                | 15M        | 72.6u           | 1.029m                   | -                        | 514.5m             |
| 13    | 1                | 15M        | 87.3u           | -                        | -                        | 169.0m             |
| 14    | 2                | 15M        | 77.9u           | 1.828m                   | -                        | 416.6m             |
| 15    | 2                | 15M        | 69.3u           | 1.609m                   | -                        | 602.9m             |
| 16    | 1                | 15M        | 56.2u           | -                        | -                        | 104.6m             |
| 17    | 1                | 15M        | 99.7u           | -                        | -                        | 399.8m             |
| 18    | 2                | 15M        | 53.6u           | 1.552m                   | -                        | 494.2m             |
| 19    | 1                | 15M        | 79.0u           | -                        | -                        | 195.2m             |

Long Pulse Radar Test Signal  
Test Signal Name: LP\_Signal\_14  
Number of Bursts in Trial: 10  
Chrip Center Frequency: 5496MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 1                | 12M        | 92.7u           | -                        | -                        | 887.6m             |
| 2     | 3                | 12M        | 64.5u           | 1.123m                   | 1.453m                   | 993.9m             |
| 3     | 3                | 12M        | 79.5u           | 1.032m                   | 1.898m                   | 914.2m             |
| 4     | 2                | 12M        | 72.5u           | 1.066m                   | -                        | 235.3m             |
| 5     | 3                | 12M        | 69.3u           | 1.795m                   | 1.885m                   | 777.4m             |
| 6     | 2                | 12M        | 76.1u           | 1.019m                   | -                        | 784.7m             |
| 7     | 3                | 12M        | 71.3u           | 1.083m                   | 1.707m                   | 633.9m             |
| 8     | 3                | 12M        | 89.4u           | 1.194m                   | 1.196m                   | 543.2m             |
| 9     | 2                | 12M        | 75.7u           | 943.3u                   | -                        | 280.3m             |
| 10    | 3                | 12M        | 80.4u           | 1.683m                   | 1.273m                   | 521.0m             |

Long Pulse Radar Test Signal  
 Test Signal Name: LP\_Signal\_15  
 Number of Bursts in Trial: 11  
 Chrip Center Frequency: 5499.2MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 3                | 19M        | 51.2u           | 1.554m                   | 1.600m                   | 938.5m             |
| 2     | 2                | 19M        | 62.1u           | 1.523m                   | -                        | 66.65m             |
| 3     | 2                | 19M        | 84.1u           | 1.237m                   | -                        | 333.2m             |
| 4     | 1                | 19M        | 83.6u           | -                        | -                        | 226.5m             |
| 5     | 2                | 19M        | 94.4u           | 1.354m                   | -                        | 662.1m             |
| 6     | 3                | 19M        | 73.6u           | 1.860m                   | 1.455m                   | 990.1m             |
| 7     | 1                | 19M        | 72.7u           | -                        | -                        | 690.2m             |
| 8     | 2                | 19M        | 84.4u           | 1.778m                   | -                        | 809.3m             |
| 9     | 2                | 19M        | 72.2u           | 1.660m                   | -                        | 636.3m             |
| 10    | 2                | 19M        | 95.6u           | 1.055m                   | -                        | 474.9m             |
| 11    | 1                | 19M        | 70.9u           | -                        | -                        | 98.17m             |

Long Pulse Radar Test Signal  
 Test Signal Name: LP\_Signal\_16  
 Number of Bursts in Trial: 15  
 Chrip Center Frequency: 5496.8MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 3                | 14M        | 72.1u           | 1.176m                   | 1.245m                   | 711.3m             |
| 2     | 3                | 14M        | 66.5u           | 1.451m                   | 952.5u                   | 689.2m             |
| 3     | 2                | 14M        | 97.3u           | 1.333m                   | -                        | 62.65m             |
| 4     | 2                | 14M        | 67.6u           | 1.035m                   | -                        | 387.6m             |
| 5     | 1                | 14M        | 51.6u           | -                        | -                        | 26.37m             |
| 6     | 2                | 14M        | 87.9u           | 1.499m                   | -                        | 438.2m             |
| 7     | 2                | 14M        | 88.9u           | 1.856m                   | -                        | 606.1m             |
| 8     | 3                | 14M        | 76.6u           | 1.341m                   | 1.440m                   | 646.0m             |
| 9     | 2                | 14M        | 65.9u           | 1.898m                   | -                        | 262.9m             |
| 10    | 2                | 14M        | 65.9u           | 1.233m                   | -                        | 530.7m             |
| 11    | 1                | 14M        | 56.8u           | -                        | -                        | 94.44m             |
| 12    | 3                | 14M        | 95.3u           | 1.778m                   | 1.437m                   | 485.4m             |
| 13    | 1                | 14M        | 89.3u           | -                        | -                        | 384.7m             |
| 14    | 2                | 14M        | 77.2u           | 1.862m                   | -                        | 516.6m             |
| 15    | 2                | 14M        | 67.4u           | 1.159m                   | -                        | 275.1m             |

Long Pulse Radar Test Signal

Test Signal Name: LP\_Signal\_17

Number of Bursts in Trial: 15

Chrip Center Frequency: 5500MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 2                | 20M        | 81.6u           | 1.612m                   | -                        | 637.0m             |
| 2     | 3                | 20M        | 90.9u           | 1.408m                   | 1.477m                   | 341.8m             |
| 3     | 3                | 20M        | 80.3u           | 1.062m                   | 1.686m                   | 433.0m             |
| 4     | 2                | 20M        | 75.5u           | 1.727m                   | -                        | 214.7m             |
| 5     | 1                | 20M        | 60.4u           | -                        | -                        | 485.5m             |
| 6     | 2                | 20M        | 66.3u           | 1.927m                   | -                        | 87.10m             |
| 7     | 2                | 20M        | 64.0u           | 1.316m                   | -                        | 184.3m             |
| 8     | 1                | 20M        | 75.3u           | -                        | -                        | 392.1m             |
| 9     | 2                | 20M        | 99.4u           | 1.005m                   | -                        | 9.492m             |
| 10    | 2                | 20M        | 68.8u           | 1.053m                   | -                        | 492.9m             |
| 11    | 2                | 20M        | 87.1u           | 1.357m                   | -                        | 641.1m             |
| 12    | 2                | 20M        | 58.8u           | 1.074m                   | -                        | 519.2m             |
| 13    | 2                | 20M        | 58.6u           | 1.788m                   | -                        | 219.9m             |
| 14    | 3                | 20M        | 99.7u           | 1.593m                   | 1.282m                   | 157.8m             |
| 15    | 3                | 20M        | 72.4u           | 1.515m                   | 1.350m                   | 755.6m             |

Long Pulse Radar Test Signal  
 Test Signal Name: LP\_Signal\_18  
 Number of Bursts in Trial: 19  
 Chrip Center Frequency: 5496MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 3                | 12M        | 81.7u           | 1.402m                   | 1.721m                   | 48.18m             |
| 2     | 2                | 12M        | 59.9u           | 1.602m                   | -                        | 424.8m             |
| 3     | 1                | 12M        | 89.9u           | -                        | -                        | 534.9m             |
| 4     | 2                | 12M        | 71.6u           | 1.654m                   | -                        | 77.70m             |
| 5     | 3                | 12M        | 91.6u           | 1.405m                   | 1.096m                   | 136.0m             |
| 6     | 3                | 12M        | 72.6u           | 1.402m                   | 1.899m                   | 322.1m             |
| 7     | 3                | 12M        | 94.7u           | 1.579m                   | 1.078m                   | 281.5m             |
| 8     | 1                | 12M        | 78.0u           | -                        | -                        | 111.9m             |
| 9     | 2                | 12M        | 53.4u           | 1.065m                   | -                        | 496.4m             |
| 10    | 2                | 12M        | 58.1u           | 1.830m                   | -                        | 74.32m             |
| 11    | 1                | 12M        | 65.9u           | -                        | -                        | 145.2m             |
| 12    | 2                | 12M        | 79.8u           | 1.918m                   | -                        | 336.8m             |
| 13    | 2                | 12M        | 87.9u           | 1.039m                   | -                        | 229.4m             |
| 14    | 1                | 12M        | 50.2u           | -                        | -                        | 138.3m             |
| 15    | 3                | 12M        | 59.6u           | 1.741m                   | 1.366m                   | 142.6m             |
| 16    | 3                | 12M        | 86.9u           | 1.369m                   | 1.489m                   | 448.6m             |
| 17    | 2                | 12M        | 78.2u           | 971.8u                   | -                        | 615.9m             |
| 18    | 1                | 12M        | 80.4u           | -                        | -                        | 442.1m             |
| 19    | 2                | 12M        | 59.4u           | 1.211m                   | -                        | 129.1m             |

Long Pulse Radar Test Signal  
 Test Signal Name: LP\_Signal\_19  
 Number of Bursts in Trial: 17  
 Chrip Center Frequency: 5496.8MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 3                | 14M        | 97.1u           | 1.264m                   | 1.430m                   | 328.8m             |
| 2     | 1                | 14M        | 91.0u           | -                        | -                        | 488.2m             |
| 3     | 2                | 14M        | 53.0u           | 1.114m                   | -                        | 242.3m             |
| 4     | 3                | 14M        | 62.2u           | 1.021m                   | 1.349m                   | 260.4m             |
| 5     | 3                | 14M        | 83.4u           | 999.6u                   | 1.416m                   | 342.1m             |
| 6     | 2                | 14M        | 97.3u           | 1.829m                   | -                        | 53.44m             |
| 7     | 1                | 14M        | 86.6u           | -                        | -                        | 494.1m             |
| 8     | 2                | 14M        | 86.3u           | 1.709m                   | -                        | 47.12m             |
| 9     | 2                | 14M        | 65.9u           | 1.147m                   | -                        | 496.4m             |
| 10    | 2                | 14M        | 95.9u           | 1.142m                   | -                        | 167.4m             |
| 11    | 2                | 14M        | 91.3u           | 1.871m                   | -                        | 623.7m             |
| 12    | 3                | 14M        | 73.8u           | 1.157m                   | 1.923m                   | 162.0m             |
| 13    | 1                | 14M        | 66.7u           | -                        | -                        | 479.4m             |
| 14    | 1                | 14M        | 72.0u           | -                        | -                        | 231.6m             |
| 15    | 2                | 14M        | 52.7u           | 1.902m                   | -                        | 274.7m             |
| 16    | 1                | 14M        | 87.5u           | -                        | -                        | 558.9m             |
| 17    | 1                | 14M        | 77.3u           | -                        | -                        | 525.9m             |

Long Pulse Radar Test Signal  
 Test Signal Name: LP\_Signal\_20  
 Number of Bursts in Trial: 18  
 Chrip Center Frequency: 5496MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 1                | 12M        | 92.6u           | -                        | -                        | 574.7m             |
| 2     | 3                | 12M        | 67.9u           | 1.272m                   | 1.316m                   | 302.6m             |
| 3     | 1                | 12M        | 85.3u           | -                        | -                        | 195.7m             |
| 4     | 2                | 12M        | 87.8u           | 1.863m                   | -                        | 517.8m             |
| 5     | 2                | 12M        | 73.7u           | 1.364m                   | -                        | 350.7m             |
| 6     | 1                | 12M        | 55.8u           | -                        | -                        | 569.5m             |
| 7     | 3                | 12M        | 99.1u           | 936.9u                   | 1.756m                   | 652.9m             |
| 8     | 2                | 12M        | 94.5u           | 1.889m                   | -                        | 175.3m             |
| 9     | 2                | 12M        | 69.1u           | 1.741m                   | -                        | 186.8m             |
| 10    | 2                | 12M        | 60.2u           | 1.826m                   | -                        | 144.5m             |
| 11    | 2                | 12M        | 90.0u           | 1.419m                   | -                        | 500.0m             |
| 12    | 2                | 12M        | 98.3u           | 1.336m                   | -                        | 157.3m             |
| 13    | 2                | 12M        | 94.4u           | 1.660m                   | -                        | 479.9m             |
| 14    | 3                | 12M        | 91.0u           | 1.788m                   | 1.474m                   | 137.2m             |
| 15    | 1                | 12M        | 74.3u           | -                        | -                        | 351.9m             |
| 16    | 2                | 12M        | 55.0u           | 1.665m                   | -                        | 89.03m             |
| 17    | 3                | 12M        | 85.5u           | 981.5u                   | 1.182m                   | 444.9m             |
| 18    | 2                | 12M        | 86.1u           | 1.623m                   | -                        | 259.0m             |

Long Pulse Radar Test Signal  
 Test Signal Name: LP\_Signal\_21  
 Number of Bursts in Trial: 15  
 Chrip Center Frequency: 5562MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 1                | 16M        | 89.4u           | -                        | -                        | 338.0m             |
| 2     | 3                | 16M        | 68.3u           | 1.753m                   | 1.438m                   | 613.1m             |
| 3     | 2                | 16M        | 63.6u           | 1.362m                   | -                        | 303.8m             |
| 4     | 2                | 16M        | 80.5u           | 993.5u                   | -                        | 595.4m             |
| 5     | 2                | 16M        | 73.6u           | 1.540m                   | -                        | 78.46m             |
| 6     | 1                | 16M        | 87.3u           | -                        | -                        | 160.7m             |
| 7     | 2                | 16M        | 74.5u           | 1.600m                   | -                        | 607.5m             |
| 8     | 2                | 16M        | 77.4u           | 1.693m                   | -                        | 479.2m             |
| 9     | 2                | 16M        | 78.4u           | 989.6u                   | -                        | 115.9m             |
| 10    | 2                | 16M        | 93.1u           | 1.366m                   | -                        | 724.2m             |
| 11    | 1                | 16M        | 84.2u           | -                        | -                        | 81.00m             |
| 12    | 1                | 16M        | 74.9u           | -                        | -                        | 557.2m             |
| 13    | 2                | 16M        | 81.2u           | 1.048m                   | -                        | 738.1m             |
| 14    | 2                | 16M        | 55.9u           | 1.240m                   | -                        | 186.3m             |
| 15    | 3                | 16M        | 76.3u           | 1.412m                   | 1.545m                   | 715.8m             |

Long Pulse Radar Test Signal  
 Test Signal Name: LP\_Signal\_22  
 Number of Bursts in Trial: 11  
 Chrip Center Frequency: 5564.4MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 1                | 12M        | 71.1u           | -                        | -                        | 436.6m             |
| 2     | 1                | 12M        | 87.7u           | -                        | -                        | 18.39m             |
| 3     | 1                | 12M        | 56.2u           | -                        | -                        | 170.2m             |
| 4     | 2                | 12M        | 87.7u           | 1.268m                   | -                        | 279.7m             |
| 5     | 2                | 12M        | 77.9u           | 1.903m                   | -                        | 679.5m             |
| 6     | 3                | 12M        | 53.6u           | 969.4u                   | 1.477m                   | 1.068              |
| 7     | 1                | 12M        | 69.4u           | -                        | -                        | 447.7m             |
| 8     | 2                | 12M        | 93.5u           | 1.630m                   | -                        | 178.2m             |
| 9     | 2                | 12M        | 52.4u           | 1.119m                   | -                        | 320.4m             |
| 10    | 2                | 12M        | 76.3u           | 1.579m                   | -                        | 806.7m             |
| 11    | 2                | 12M        | 72.0u           | 1.881m                   | -                        | 90.84m             |

Long Pulse Radar Test Signal  
 Test Signal Name: LP\_Signal\_23  
 Number of Bursts in Trial: 14  
 Chrip Center Frequency: 5560MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 1                | 20M        | 63.5u           | -                        | -                        | 839.9m             |
| 2     | 3                | 20M        | 97.5u           | 1.416m                   | 925.5u                   | 48.28m             |
| 3     | 1                | 20M        | 91.8u           | -                        | -                        | 752.4m             |
| 4     | 1                | 20M        | 86.5u           | -                        | -                        | 143.7m             |
| 5     | 2                | 20M        | 71.1u           | 1.545m                   | -                        | 601.8m             |
| 6     | 1                | 20M        | 82.8u           | -                        | -                        | 148.8m             |
| 7     | 1                | 20M        | 64.4u           | -                        | -                        | 386.1m             |
| 8     | 1                | 20M        | 53.6u           | -                        | -                        | 560.5m             |
| 9     | 1                | 20M        | 98.6u           | -                        | -                        | 725.7m             |
| 10    | 3                | 20M        | 85.5u           | 1.115m                   | 1.136m                   | 119.7m             |
| 11    | 1                | 20M        | 100.0u          | -                        | -                        | 278.8m             |
| 12    | 3                | 20M        | 87.8u           | 946.2u                   | 1.112m                   | 177.8m             |
| 13    | 2                | 20M        | 61.9u           | 1.555m                   | -                        | 393.5m             |
| 14    | 3                | 20M        | 86.5u           | 1.084m                   | 1.587m                   | 38.97m             |

Long Pulse Radar Test Signal  
 Test Signal Name: LP\_Signal\_24  
 Number of Bursts in Trial: 9  
 Chrip Center Frequency: 5563.2MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 3                | 14M        | 71.1u           | 1.222m                   | 1.413m                   | 444.6m             |
| 2     | 2                | 14M        | 59.0u           | 1.893m                   | -                        | 289.7m             |
| 3     | 2                | 14M        | 60.7u           | 1.211m                   | -                        | 933.9m             |
| 4     | 3                | 14M        | 68.6u           | 1.430m                   | 1.751m                   | 827.1m             |
| 5     | 3                | 14M        | 78.0u           | 1.707m                   | 1.351m                   | 65.79m             |
| 6     | 3                | 14M        | 95.0u           | 1.577m                   | 1.175m                   | 1.235              |
| 7     | 2                | 14M        | 94.0u           | 1.043m                   | -                        | 1.170              |
| 8     | 2                | 14M        | 82.2u           | 1.181m                   | -                        | 463.7m             |
| 9     | 1                | 14M        | 55.8u           | -                        | -                        | 543.3m             |

Long Pulse Radar Test Signal  
 Test Signal Name: LP\_Signal\_25  
 Number of Bursts in Trial: 18  
 Chrip Center Frequency: 5563.6MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 2                | 13M        | 78.8u           | 1.762m                   | -                        | 465.6m             |
| 2     | 2                | 13M        | 52.8u           | 1.329m                   | -                        | 583.2m             |
| 3     | 1                | 13M        | 59.6u           | -                        | -                        | 447.7m             |
| 4     | 1                | 13M        | 70.0u           | -                        | -                        | 305.9m             |
| 5     | 2                | 13M        | 64.5u           | 1.427m                   | -                        | 370.3m             |
| 6     | 1                | 13M        | 94.0u           | -                        | -                        | 355.4m             |
| 7     | 1                | 13M        | 98.4u           | -                        | -                        | 230.2m             |
| 8     | 1                | 13M        | 98.8u           | -                        | -                        | 465.8m             |
| 9     | 3                | 13M        | 93.1u           | 936.9u                   | 1.278m                   | 643.2m             |
| 10    | 1                | 13M        | 79.3u           | -                        | -                        | 619.5m             |
| 11    | 1                | 13M        | 96.8u           | -                        | -                        | 60.72m             |
| 12    | 3                | 13M        | 96.8u           | 1.449m                   | 1.845m                   | 392.2m             |
| 13    | 3                | 13M        | 62.4u           | 1.516m                   | 1.547m                   | 326.3m             |
| 14    | 2                | 13M        | 79.7u           | 1.539m                   | -                        | 573.3m             |
| 15    | 2                | 13M        | 83.8u           | 1.568m                   | -                        | 166.7m             |
| 16    | 3                | 13M        | 65.1u           | 1.162m                   | 1.623m                   | 29.54m             |
| 17    | 2                | 13M        | 64.0u           | 1.434m                   | -                        | 440.0m             |
| 18    | 3                | 13M        | 95.5u           | 1.227m                   | 1.583m                   | 339.8m             |

Long Pulse Radar Test Signal  
 Test Signal Name: LP\_Signal\_26  
 Number of Bursts in Trial: 16  
 Chrip Center Frequency: 5566MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 3                | 8M         | 58.3u           | 1.169m                   | 1.228m                   | 212.0m             |
| 2     | 1                | 8M         | 67.9u           | -                        | -                        | 683.3m             |
| 3     | 2                | 8M         | 76.5u           | 1.176m                   | -                        | 683.9m             |
| 4     | 2                | 8M         | 54.8u           | 1.298m                   | -                        | 490.2m             |
| 5     | 3                | 8M         | 79.2u           | 1.024m                   | 1.835m                   | 160.4m             |
| 6     | 2                | 8M         | 89.3u           | 1.805m                   | -                        | 653.3m             |
| 7     | 1                | 8M         | 77.2u           | -                        | -                        | 73.40m             |
| 8     | 3                | 8M         | 89.4u           | 1.249m                   | 1.228m                   | 589.4m             |
| 9     | 3                | 8M         | 97.7u           | 1.549m                   | 1.052m                   | 484.7m             |
| 10    | 3                | 8M         | 99.5u           | 1.824m                   | 1.045m                   | 490.8m             |
| 11    | 2                | 8M         | 62.4u           | 1.758m                   | -                        | 48.28m             |
| 12    | 2                | 8M         | 99.1u           | 1.202m                   | -                        | 270.9m             |
| 13    | 3                | 8M         | 92.6u           | 1.079m                   | 1.569m                   | 227.5m             |
| 14    | 2                | 8M         | 87.4u           | 1.359m                   | -                        | 577.4m             |
| 15    | 1                | 8M         | 81.1u           | -                        | -                        | 371.3m             |
| 16    | 3                | 8M         | 50.5u           | 1.117m                   | 996.5u                   | 19.19m             |

Long Pulse Radar Test Signal  
 Test Signal Name: LP\_Signal\_27  
 Number of Bursts in Trial: 16  
 Chrip Center Frequency: 5561.6MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 2                | 17M        | 61.5u           | 1.386m                   | -                        | 311.0m             |
| 2     | 3                | 17M        | 67.1u           | 1.513m                   | 1.138m                   | 208.0m             |
| 3     | 2                | 17M        | 96.6u           | 1.844m                   | -                        | 387.8m             |
| 4     | 1                | 17M        | 82.7u           | -                        | -                        | 224.5m             |
| 5     | 2                | 17M        | 67.8u           | 1.718m                   | -                        | 627.0m             |
| 6     | 2                | 17M        | 87.2u           | 1.177m                   | -                        | 181.9m             |
| 7     | 2                | 17M        | 67.9u           | 1.705m                   | -                        | 545.1m             |
| 8     | 3                | 17M        | 92.8u           | 1.251m                   | 1.284m                   | 255.7m             |
| 9     | 1                | 17M        | 68.4u           | -                        | -                        | 724.0m             |
| 10    | 3                | 17M        | 70.6u           | 1.617m                   | 1.276m                   | 638.6m             |
| 11    | 2                | 17M        | 79.2u           | 1.690m                   | -                        | 1.461m             |
| 12    | 2                | 17M        | 66.8u           | 1.231m                   | -                        | 710.1m             |
| 13    | 2                | 17M        | 79.3u           | 1.785m                   | -                        | 297.6m             |
| 14    | 3                | 17M        | 52.6u           | 1.716m                   | 1.394m                   | 154.1m             |
| 15    | 1                | 17M        | 51.5u           | -                        | -                        | 341.0m             |
| 16    | 2                | 17M        | 60.8u           | 1.100m                   | -                        | 636.3m             |

Long Pulse Radar Test Signal  
 Test Signal Name: LP\_Signal\_28  
 Number of Bursts in Trial: 9  
 Chrip Center Frequency: 5560.4MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 3                | 19M        | 53.7u           | 985.3u                   | 1.100m                   | 677.3m             |
| 2     | 2                | 19M        | 87.5u           | 1.371m                   | -                        | 858.8m             |
| 3     | 2                | 19M        | 92.1u           | 1.415m                   | -                        | 312.5m             |
| 4     | 2                | 19M        | 92.5u           | 1.790m                   | -                        | 890.4m             |
| 5     | 1                | 19M        | 92.6u           | -                        | -                        | 308.8m             |
| 6     | 2                | 19M        | 97.7u           | 1.644m                   | -                        | 462.4m             |
| 7     | 2                | 19M        | 77.6u           | 1.302m                   | -                        | 313.9m             |
| 8     | 2                | 19M        | 58.4u           | 1.411m                   | -                        | 609.2m             |
| 9     | 3                | 19M        | 61.9u           | 1.171m                   | 1.289m                   | 854.2m             |

Long Pulse Radar Test Signal  
 Test Signal Name: LP\_Signal\_29  
 Number of Bursts in Trial: 19  
 Chrip Center Frequency: 5564MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 3                | 12M        | 61.2u           | 1.793m                   | 1.857m                   | 398.8m             |
| 2     | 1                | 12M        | 53.7u           | -                        | -                        | 300.3m             |
| 3     | 2                | 12M        | 82.7u           | 1.900m                   | -                        | 154.0m             |
| 4     | 3                | 12M        | 98.8u           | 1.369m                   | 1.879m                   | 7.212m             |
| 5     | 2                | 12M        | 54.9u           | 1.516m                   | -                        | 475.2m             |
| 6     | 3                | 12M        | 57.2u           | 1.640m                   | 1.396m                   | 427.7m             |
| 7     | 2                | 12M        | 91.6u           | 1.507m                   | -                        | 435.3m             |
| 8     | 2                | 12M        | 69.8u           | 1.897m                   | -                        | 349.7m             |
| 9     | 2                | 12M        | 58.1u           | 1.668m                   | -                        | 584.4m             |
| 10    | 2                | 12M        | 81.6u           | 1.380m                   | -                        | 184.8m             |
| 11    | 2                | 12M        | 57.5u           | 1.242m                   | -                        | 221.2m             |
| 12    | 3                | 12M        | 92.2u           | 1.227m                   | 913.8u                   | 353.3m             |
| 13    | 2                | 12M        | 81.9u           | 1.129m                   | -                        | 486.4m             |
| 14    | 2                | 12M        | 66.9u           | 1.395m                   | -                        | 235.5m             |
| 15    | 1                | 12M        | 67.9u           | -                        | -                        | 415.5m             |
| 16    | 3                | 12M        | 99.2u           | 1.884m                   | 1.803m                   | 462.9m             |
| 17    | 2                | 12M        | 71.2u           | 1.043m                   | -                        | 214.2m             |
| 18    | 1                | 12M        | 70.9u           | -                        | -                        | 379.4m             |
| 19    | 2                | 12M        | 68.8u           | 1.209m                   | -                        | 322.3m             |

Long Pulse Radar Test Signal  
 Test Signal Name: LP\_Signal\_30  
 Number of Bursts in Trial: 19  
 Chrip Center Frequency: 5561.2MHz

| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
|-------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| 1     | 2                | 18M        | 50.4u           | 1.916m                   | -                        | 334.6m             |
| 2     | 2                | 18M        | 54.2u           | 1.760m                   | -                        | 40.17m             |
| 3     | 2                | 18M        | 66.7u           | 1.591m                   | -                        | 375.0m             |
| 4     | 1                | 18M        | 81.8u           | -                        | -                        | 224.8m             |
| 5     | 3                | 18M        | 85.3u           | 1.562m                   | 1.550m                   | 598.5m             |
| 6     | 2                | 18M        | 50.9u           | 1.097m                   | -                        | 247.8m             |
| 7     | 3                | 18M        | 71.5u           | 1.403m                   | 1.250m                   | 384.9m             |
| 8     | 1                | 18M        | 57.3u           | -                        | -                        | 545.1m             |
| 9     | 1                | 18M        | 99.4u           | -                        | -                        | 327.7m             |
| 10    | 2                | 18M        | 81.7u           | 1.762m                   | -                        | 346.5m             |
| 11    | 3                | 18M        | 87.0u           | 1.625m                   | 1.683m                   | 237.2m             |
| 12    | 2                | 18M        | 94.9u           | 1.522m                   | -                        | 585.4m             |
| 13    | 2                | 18M        | 83.5u           | 1.529m                   | -                        | 480.1m             |
| 14    | 2                | 18M        | 66.1u           | 1.677m                   | -                        | 545.9m             |
| 15    | 2                | 18M        | 52.9u           | 1.709m                   | -                        | 563.8m             |
| 16    | 3                | 18M        | 51.5u           | 1.865m                   | 1.887m                   | 433.2m             |
| 17    | 1                | 18M        | 82.8u           | -                        | -                        | 4.846m             |
| 18    | 2                | 18M        | 84.6u           | 957.4u                   | -                        | 397.1m             |
| 19    | 3                | 18M        | 70.6u           | 1.247m                   | 1.791m                   | 432.2m             |

## Appendix A.2 - The Frequency Hopping Radar pattern

For B2 - 802.11ac VHT20

Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_01

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.505G         | 2    | 5.674G         | 3    | 5.257G         | 4    | 5.690G         |
| 5    | 5.520G         | 6    | 5.262G         | 7    | 5.356G         | 8    | 5.439G         |
| 9    | 5.685G         | 10   | 5.332G         | 11   | 5.720G         | 12   | 5.579G         |
| 13   | 5.313G         | 14   | 5.383G         | 15   | 5.697G         | 16   | 5.318G         |
| 17   | 5.695G         | 18   | 5.461G         | 19   | 5.719G         | 20   | 5.606G         |
| 21   | 5.533G         | 22   | 5.287G         | 23   | 5.675G         | 24   | 5.540G         |
| 25   | 5.604G         | 26   | 5.591G         | 27   | 5.564G         | 28   | 5.612G         |
| 29   | 5.399G         | 30   | 5.593G         | 31   | 5.600G         | 32   | 5.478G         |
| 33   | 5.667G         | 34   | 5.434G         | 35   | 5.299G         | 36   | 5.387G         |
| 37   | 5.319G         | 38   | 5.376G         | 39   | 5.710G         | 40   | 5.581G         |
| 41   | 5.624G         | 42   | 5.302G         | 43   | 5.406G         | 44   | 5.272G         |
| 45   | 5.531G         | 46   | 5.298G         | 47   | 5.303G         | 48   | 5.265G         |
| 49   | 5.688G         | 50   | 5.372G         | 51   | 5.699G         | 52   | 5.550G         |
| 53   | 5.336G         | 54   | 5.308G         | 55   | 5.565G         | 56   | 5.269G         |
| 57   | 5.635G         | 58   | 5.650G         | 59   | 5.357G         | 60   | 5.462G         |
| 61   | 5.389G         | 62   | 5.626G         | 63   | 5.411G         | 64   | 5.386G         |
| 65   | 5.665G         | 66   | 5.481G         | 67   | 5.354G         | 68   | 5.267G         |
| 69   | 5.279G         | 70   | 5.558G         | 71   | 5.578G         | 72   | 5.647G         |
| 73   | 5.717G         | 74   | 5.382G         | 75   | 5.297G         | 76   | 5.601G         |
| 77   | 5.630G         | 78   | 5.603G         | 79   | 5.676G         | 80   | 5.657G         |
| 81   | 5.608G         | 82   | 5.329G         | 83   | 5.388G         | 84   | 5.602G         |
| 85   | 5.549G         | 86   | 5.451G         | 87   | 5.709G         | 88   | 5.716G         |
| 89   | 5.643G         | 90   | 5.285G         | 91   | 5.377G         | 92   | 5.443G         |
| 93   | 5.535G         | 94   | 5.584G         | 95   | 5.506G         | 96   | 5.723G         |
| 97   | 5.507G         | 98   | 5.712G         | 99   | 5.680G         | 100  | 5.724G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_02

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.350G         | 2    | 5.673G         | 3    | 5.251G         | 4    | 5.286G         |
| 5    | 5.699G         | 6    | 5.714G         | 7    | 5.500G         | 8    | 5.265G         |
| 9    | 5.299G         | 10   | 5.455G         | 11   | 5.359G         | 12   | 5.611G         |
| 13   | 5.487G         | 14   | 5.448G         | 15   | 5.663G         | 16   | 5.373G         |
| 17   | 5.269G         | 18   | 5.614G         | 19   | 5.439G         | 20   | 5.385G         |
| 21   | 5.680G         | 22   | 5.603G         | 23   | 5.363G         | 24   | 5.341G         |
| 25   | 5.303G         | 26   | 5.504G         | 27   | 5.576G         | 28   | 5.584G         |
| 29   | 5.632G         | 30   | 5.535G         | 31   | 5.402G         | 32   | 5.597G         |
| 33   | 5.308G         | 34   | 5.566G         | 35   | 5.689G         | 36   | 5.301G         |
| 37   | 5.494G         | 38   | 5.400G         | 39   | 5.513G         | 40   | 5.691G         |
| 41   | 5.553G         | 42   | 5.343G         | 43   | 5.532G         | 44   | 5.520G         |
| 45   | 5.664G         | 46   | 5.718G         | 47   | 5.612G         | 48   | 5.444G         |
| 49   | 5.452G         | 50   | 5.588G         | 51   | 5.307G         | 52   | 5.422G         |
| 53   | 5.662G         | 54   | 5.275G         | 55   | 5.583G         | 56   | 5.578G         |
| 57   | 5.595G         | 58   | 5.479G         | 59   | 5.410G         | 60   | 5.693G         |
| 61   | 5.465G         | 62   | 5.312G         | 63   | 5.268G         | 64   | 5.629G         |
| 65   | 5.671G         | 66   | 5.284G         | 67   | 5.406G         | 68   | 5.624G         |
| 69   | 5.300G         | 70   | 5.568G         | 71   | 5.318G         | 72   | 5.711G         |
| 73   | 5.330G         | 74   | 5.399G         | 75   | 5.694G         | 76   | 5.631G         |
| 77   | 5.416G         | 78   | 5.723G         | 79   | 5.637G         | 80   | 5.339G         |
| 81   | 5.252G         | 82   | 5.703G         | 83   | 5.654G         | 84   | 5.538G         |
| 85   | 5.478G         | 86   | 5.482G         | 87   | 5.474G         | 88   | 5.407G         |
| 89   | 5.279G         | 90   | 5.316G         | 91   | 5.592G         | 92   | 5.627G         |
| 93   | 5.594G         | 94   | 5.633G         | 95   | 5.380G         | 96   | 5.598G         |
| 97   | 5.533G         | 98   | 5.446G         | 99   | 5.526G         | 100  | 5.555G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_03

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.501G         | 2    | 5.592G         | 3    | 5.263G         | 4    | 5.484G         |
| 5    | 5.549G         | 6    | 5.346G         | 7    | 5.361G         | 8    | 5.576G         |
| 9    | 5.264G         | 10   | 5.700G         | 11   | 5.623G         | 12   | 5.324G         |
| 13   | 5.640G         | 14   | 5.669G         | 15   | 5.344G         | 16   | 5.579G         |
| 17   | 5.703G         | 18   | 5.585G         | 19   | 5.382G         | 20   | 5.601G         |
| 21   | 5.364G         | 22   | 5.296G         | 23   | 5.524G         | 24   | 5.532G         |
| 25   | 5.546G         | 26   | 5.555G         | 27   | 5.710G         | 28   | 5.644G         |
| 29   | 5.465G         | 30   | 5.456G         | 31   | 5.526G         | 32   | 5.627G         |
| 33   | 5.621G         | 34   | 5.717G         | 35   | 5.667G         | 36   | 5.652G         |
| 37   | 5.659G         | 38   | 5.498G         | 39   | 5.478G         | 40   | 5.386G         |
| 41   | 5.654G         | 42   | 5.508G         | 43   | 5.716G         | 44   | 5.599G         |
| 45   | 5.408G         | 46   | 5.427G         | 47   | 5.306G         | 48   | 5.402G         |
| 49   | 5.337G         | 50   | 5.464G         | 51   | 5.712G         | 52   | 5.358G         |
| 53   | 5.278G         | 54   | 5.680G         | 55   | 5.365G         | 56   | 5.442G         |
| 57   | 5.432G         | 58   | 5.538G         | 59   | 5.315G         | 60   | 5.587G         |
| 61   | 5.342G         | 62   | 5.615G         | 63   | 5.674G         | 64   | 5.563G         |
| 65   | 5.668G         | 66   | 5.460G         | 67   | 5.590G         | 68   | 5.542G         |
| 69   | 5.685G         | 70   | 5.469G         | 71   | 5.453G         | 72   | 5.429G         |
| 73   | 5.504G         | 74   | 5.660G         | 75   | 5.353G         | 76   | 5.616G         |
| 77   | 5.417G         | 78   | 5.672G         | 79   | 5.331G         | 80   | 5.393G         |
| 81   | 5.449G         | 82   | 5.347G         | 83   | 5.610G         | 84   | 5.706G         |
| 85   | 5.314G         | 86   | 5.321G         | 87   | 5.415G         | 88   | 5.724G         |
| 89   | 5.392G         | 90   | 5.437G         | 91   | 5.691G         | 92   | 5.407G         |
| 93   | 5.625G         | 94   | 5.463G         | 95   | 5.582G         | 96   | 5.646G         |
| 97   | 5.622G         | 98   | 5.688G         | 99   | 5.266G         | 100  | 5.428G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_04

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.487G         | 2    | 5.498G         | 3    | 5.707G         | 4    | 5.277G         |
| 5    | 5.312G         | 6    | 5.447G         | 7    | 5.259G         | 8    | 5.548G         |
| 9    | 5.492G         | 10   | 5.699G         | 11   | 5.308G         | 12   | 5.677G         |
| 13   | 5.328G         | 14   | 5.520G         | 15   | 5.318G         | 16   | 5.433G         |
| 17   | 5.440G         | 18   | 5.294G         | 19   | 5.486G         | 20   | 5.258G         |
| 21   | 5.370G         | 22   | 5.405G         | 23   | 5.266G         | 24   | 5.380G         |
| 25   | 5.292G         | 26   | 5.590G         | 27   | 5.459G         | 28   | 5.495G         |
| 29   | 5.541G         | 30   | 5.564G         | 31   | 5.472G         | 32   | 5.680G         |
| 33   | 5.558G         | 34   | 5.319G         | 35   | 5.645G         | 36   | 5.475G         |
| 37   | 5.591G         | 38   | 5.375G         | 39   | 5.678G         | 40   | 5.649G         |
| 41   | 5.437G         | 42   | 5.674G         | 43   | 5.706G         | 44   | 5.460G         |
| 45   | 5.316G         | 46   | 5.636G         | 47   | 5.301G         | 48   | 5.660G         |
| 49   | 5.416G         | 50   | 5.284G         | 51   | 5.321G         | 52   | 5.545G         |
| 53   | 5.260G         | 54   | 5.353G         | 55   | 5.489G         | 56   | 5.334G         |
| 57   | 5.256G         | 58   | 5.600G         | 59   | 5.307G         | 60   | 5.683G         |
| 61   | 5.288G         | 62   | 5.637G         | 63   | 5.631G         | 64   | 5.253G         |
| 65   | 5.604G         | 66   | 5.709G         | 67   | 5.568G         | 68   | 5.697G         |
| 69   | 5.404G         | 70   | 5.508G         | 71   | 5.681G         | 72   | 5.345G         |
| 73   | 5.300G         | 74   | 5.497G         | 75   | 5.633G         | 76   | 5.655G         |
| 77   | 5.415G         | 78   | 5.333G         | 79   | 5.251G         | 80   | 5.374G         |
| 81   | 5.451G         | 82   | 5.443G         | 83   | 5.625G         | 84   | 5.473G         |
| 85   | 5.584G         | 86   | 5.338G         | 87   | 5.647G         | 88   | 5.304G         |
| 89   | 5.525G         | 90   | 5.542G         | 91   | 5.361G         | 92   | 5.650G         |
| 93   | 5.482G         | 94   | 5.666G         | 95   | 5.608G         | 96   | 5.589G         |
| 97   | 5.427G         | 98   | 5.384G         | 99   | 5.457G         | 100  | 5.355G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_05

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.583G         | 2    | 5.381G         | 3    | 5.662G         | 4    | 5.649G         |
| 5    | 5.275G         | 6    | 5.678G         | 7    | 5.287G         | 8    | 5.452G         |
| 9    | 5.461G         | 10   | 5.670G         | 11   | 5.279G         | 12   | 5.702G         |
| 13   | 5.399G         | 14   | 5.420G         | 15   | 5.479G         | 16   | 5.278G         |
| 17   | 5.487G         | 18   | 5.484G         | 19   | 5.320G         | 20   | 5.433G         |
| 21   | 5.550G         | 22   | 5.333G         | 23   | 5.573G         | 24   | 5.456G         |
| 25   | 5.299G         | 26   | 5.261G         | 27   | 5.263G         | 28   | 5.614G         |
| 29   | 5.321G         | 30   | 5.300G         | 31   | 5.391G         | 32   | 5.551G         |
| 33   | 5.600G         | 34   | 5.509G         | 35   | 5.718G         | 36   | 5.522G         |
| 37   | 5.396G         | 38   | 5.713G         | 39   | 5.457G         | 40   | 5.717G         |
| 41   | 5.659G         | 42   | 5.607G         | 43   | 5.536G         | 44   | 5.370G         |
| 45   | 5.329G         | 46   | 5.708G         | 47   | 5.534G         | 48   | 5.429G         |
| 49   | 5.492G         | 50   | 5.379G         | 51   | 5.653G         | 52   | 5.545G         |
| 53   | 5.620G         | 54   | 5.681G         | 55   | 5.546G         | 56   | 5.715G         |
| 57   | 5.616G         | 58   | 5.591G         | 59   | 5.508G         | 60   | 5.375G         |
| 61   | 5.271G         | 62   | 5.596G         | 63   | 5.500G         | 64   | 5.455G         |
| 65   | 5.318G         | 66   | 5.585G         | 67   | 5.336G         | 68   | 5.657G         |
| 69   | 5.598G         | 70   | 5.251G         | 71   | 5.512G         | 72   | 5.668G         |
| 73   | 5.665G         | 74   | 5.667G         | 75   | 5.682G         | 76   | 5.407G         |
| 77   | 5.489G         | 78   | 5.309G         | 79   | 5.490G         | 80   | 5.418G         |
| 81   | 5.257G         | 82   | 5.697G         | 83   | 5.719G         | 84   | 5.341G         |
| 85   | 5.689G         | 86   | 5.647G         | 87   | 5.568G         | 88   | 5.699G         |
| 89   | 5.674G         | 90   | 5.572G         | 91   | 5.619G         | 92   | 5.408G         |
| 93   | 5.664G         | 94   | 5.706G         | 95   | 5.360G         | 96   | 5.439G         |
| 97   | 5.284G         | 98   | 5.312G         | 99   | 5.367G         | 100  | 5.478G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_06 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.493G         | 2    | 5.665G         | 3    | 5.291G         | 4    | 5.553G         |
| 5                                                | 5.367G         | 6    | 5.518G         | 7    | 5.444G         | 8    | 5.350G         |
| 9                                                | 5.338G         | 10   | 5.467G         | 11   | 5.262G         | 12   | 5.629G         |
| 13                                               | 5.439G         | 14   | 5.406G         | 15   | 5.267G         | 16   | 5.293G         |
| 17                                               | 5.384G         | 18   | 5.447G         | 19   | 5.647G         | 20   | 5.716G         |
| 21                                               | 5.583G         | 22   | 5.697G         | 23   | 5.260G         | 24   | 5.609G         |
| 25                                               | 5.465G         | 26   | 5.632G         | 27   | 5.268G         | 28   | 5.593G         |
| 29                                               | 5.611G         | 30   | 5.546G         | 31   | 5.466G         | 32   | 5.478G         |
| 33                                               | 5.653G         | 34   | 5.660G         | 35   | 5.357G         | 36   | 5.454G         |
| 37                                               | 5.605G         | 38   | 5.502G         | 39   | 5.604G         | 40   | 5.703G         |
| 41                                               | 5.637G         | 42   | 5.519G         | 43   | 5.258G         | 44   | 5.601G         |
| 45                                               | 5.516G         | 46   | 5.346G         | 47   | 5.645G         | 48   | 5.638G         |
| 49                                               | 5.418G         | 50   | 5.354G         | 51   | 5.644G         | 52   | 5.456G         |
| 53                                               | 5.682G         | 54   | 5.702G         | 55   | 5.607G         | 56   | 5.503G         |
| 57                                               | 5.396G         | 58   | 5.441G         | 59   | 5.273G         | 60   | 5.548G         |
| 61                                               | 5.314G         | 62   | 5.371G         | 63   | 5.306G         | 64   | 5.360G         |
| 65                                               | 5.691G         | 66   | 5.413G         | 67   | 5.551G         | 68   | 5.485G         |
| 69                                               | 5.495G         | 70   | 5.419G         | 71   | 5.531G         | 72   | 5.492G         |
| 73                                               | 5.499G         | 74   | 5.392G         | 75   | 5.347G         | 76   | 5.497G         |
| 77                                               | 5.692G         | 78   | 5.342G         | 79   | 5.723G         | 80   | 5.356G         |
| 81                                               | 5.484G         | 82   | 5.491G         | 83   | 5.705G         | 84   | 5.563G         |
| 85                                               | 5.394G         | 86   | 5.397G         | 87   | 5.534G         | 88   | 5.269G         |
| 89                                               | 5.471G         | 90   | 5.514G         | 91   | 5.339G         | 92   | 5.640G         |
| 93                                               | 5.332G         | 94   | 5.680G         | 95   | 5.482G         | 96   | 5.488G         |
| 97                                               | 5.429G         | 98   | 5.430G         | 99   | 5.464G         | 100  | 5.295G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_07

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.320G         | 2    | 5.390G         | 3    | 5.286G         | 4    | 5.418G         |
| 5    | 5.603G         | 6    | 5.488G         | 7    | 5.457G         | 8    | 5.410G         |
| 9    | 5.299G         | 10   | 5.545G         | 11   | 5.358G         | 12   | 5.355G         |
| 13   | 5.454G         | 14   | 5.277G         | 15   | 5.687G         | 16   | 5.582G         |
| 17   | 5.434G         | 18   | 5.475G         | 19   | 5.619G         | 20   | 5.627G         |
| 21   | 5.307G         | 22   | 5.317G         | 23   | 5.319G         | 24   | 5.421G         |
| 25   | 5.556G         | 26   | 5.541G         | 27   | 5.623G         | 28   | 5.546G         |
| 29   | 5.336G         | 30   | 5.578G         | 31   | 5.304G         | 32   | 5.325G         |
| 33   | 5.574G         | 34   | 5.382G         | 35   | 5.570G         | 36   | 5.544G         |
| 37   | 5.700G         | 38   | 5.571G         | 39   | 5.491G         | 40   | 5.465G         |
| 41   | 5.272G         | 42   | 5.536G         | 43   | 5.279G         | 44   | 5.402G         |
| 45   | 5.628G         | 46   | 5.595G         | 47   | 5.479G         | 48   | 5.401G         |
| 49   | 5.451G         | 50   | 5.356G         | 51   | 5.309G         | 52   | 5.561G         |
| 53   | 5.539G         | 54   | 5.685G         | 55   | 5.648G         | 56   | 5.693G         |
| 57   | 5.414G         | 58   | 5.679G         | 59   | 5.362G         | 60   | 5.695G         |
| 61   | 5.256G         | 62   | 5.283G         | 63   | 5.376G         | 64   | 5.706G         |
| 65   | 5.504G         | 66   | 5.441G         | 67   | 5.284G         | 68   | 5.449G         |
| 69   | 5.476G         | 70   | 5.462G         | 71   | 5.381G         | 72   | 5.343G         |
| 73   | 5.638G         | 74   | 5.689G         | 75   | 5.357G         | 76   | 5.389G         |
| 77   | 5.255G         | 78   | 5.303G         | 79   | 5.592G         | 80   | 5.675G         |
| 81   | 5.450G         | 82   | 5.611G         | 83   | 5.566G         | 84   | 5.265G         |
| 85   | 5.510G         | 86   | 5.724G         | 87   | 5.680G         | 88   | 5.392G         |
| 89   | 5.296G         | 90   | 5.605G         | 91   | 5.490G         | 92   | 5.631G         |
| 93   | 5.560G         | 94   | 5.612G         | 95   | 5.555G         | 96   | 5.487G         |
| 97   | 5.530G         | 98   | 5.327G         | 99   | 5.573G         | 100  | 5.704G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_08

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.537G         | 2    | 5.669G         | 3    | 5.683G         | 4    | 5.517G         |
| 5    | 5.583G         | 6    | 5.304G         | 7    | 5.607G         | 8    | 5.656G         |
| 9    | 5.424G         | 10   | 5.441G         | 11   | 5.256G         | 12   | 5.552G         |
| 13   | 5.599G         | 14   | 5.277G         | 15   | 5.349G         | 16   | 5.707G         |
| 17   | 5.521G         | 18   | 5.478G         | 19   | 5.612G         | 20   | 5.302G         |
| 21   | 5.677G         | 22   | 5.581G         | 23   | 5.300G         | 24   | 5.412G         |
| 25   | 5.381G         | 26   | 5.259G         | 27   | 5.637G         | 28   | 5.251G         |
| 29   | 5.296G         | 30   | 5.565G         | 31   | 5.306G         | 32   | 5.285G         |
| 33   | 5.648G         | 34   | 5.563G         | 35   | 5.452G         | 36   | 5.555G         |
| 37   | 5.650G         | 38   | 5.495G         | 39   | 5.503G         | 40   | 5.594G         |
| 41   | 5.469G         | 42   | 5.582G         | 43   | 5.307G         | 44   | 5.255G         |
| 45   | 5.253G         | 46   | 5.323G         | 47   | 5.676G         | 48   | 5.709G         |
| 49   | 5.720G         | 50   | 5.712G         | 51   | 5.679G         | 52   | 5.482G         |
| 53   | 5.438G         | 54   | 5.415G         | 55   | 5.268G         | 56   | 5.636G         |
| 57   | 5.593G         | 58   | 5.427G         | 59   | 5.383G         | 60   | 5.661G         |
| 61   | 5.560G         | 62   | 5.697G         | 63   | 5.675G         | 64   | 5.468G         |
| 65   | 5.649G         | 66   | 5.298G         | 67   | 5.651G         | 68   | 5.400G         |
| 69   | 5.647G         | 70   | 5.467G         | 71   | 5.329G         | 72   | 5.652G         |
| 73   | 5.589G         | 74   | 5.347G         | 75   | 5.628G         | 76   | 5.500G         |
| 77   | 5.689G         | 78   | 5.368G         | 79   | 5.611G         | 80   | 5.387G         |
| 81   | 5.608G         | 82   | 5.473G         | 83   | 5.575G         | 84   | 5.278G         |
| 85   | 5.704G         | 86   | 5.662G         | 87   | 5.342G         | 88   | 5.592G         |
| 89   | 5.686G         | 90   | 5.702G         | 91   | 5.624G         | 92   | 5.434G         |
| 93   | 5.416G         | 94   | 5.553G         | 95   | 5.576G         | 96   | 5.477G         |
| 97   | 5.464G         | 98   | 5.396G         | 99   | 5.386G         | 100  | 5.432G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_09

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.349G         | 2    | 5.590G         | 3    | 5.466G         | 4    | 5.546G         |
| 5    | 5.530G         | 6    | 5.355G         | 7    | 5.575G         | 8    | 5.709G         |
| 9    | 5.350G         | 10   | 5.724G         | 11   | 5.456G         | 12   | 5.682G         |
| 13   | 5.625G         | 14   | 5.554G         | 15   | 5.713G         | 16   | 5.477G         |
| 17   | 5.432G         | 18   | 5.412G         | 19   | 5.454G         | 20   | 5.402G         |
| 21   | 5.357G         | 22   | 5.389G         | 23   | 5.626G         | 24   | 5.717G         |
| 25   | 5.282G         | 26   | 5.524G         | 27   | 5.697G         | 28   | 5.264G         |
| 29   | 5.467G         | 30   | 5.720G         | 31   | 5.459G         | 32   | 5.313G         |
| 33   | 5.640G         | 34   | 5.329G         | 35   | 5.605G         | 36   | 5.427G         |
| 37   | 5.295G         | 38   | 5.567G         | 39   | 5.302G         | 40   | 5.635G         |
| 41   | 5.278G         | 42   | 5.578G         | 43   | 5.461G         | 44   | 5.700G         |
| 45   | 5.455G         | 46   | 5.327G         | 47   | 5.592G         | 48   | 5.275G         |
| 49   | 5.632G         | 50   | 5.453G         | 51   | 5.422G         | 52   | 5.300G         |
| 53   | 5.721G         | 54   | 5.650G         | 55   | 5.704G         | 56   | 5.380G         |
| 57   | 5.403G         | 58   | 5.373G         | 59   | 5.367G         | 60   | 5.372G         |
| 61   | 5.492G         | 62   | 5.690G         | 63   | 5.618G         | 64   | 5.540G         |
| 65   | 5.508G         | 66   | 5.485G         | 67   | 5.496G         | 68   | 5.548G         |
| 69   | 5.512G         | 70   | 5.687G         | 71   | 5.296G         | 72   | 5.676G         |
| 73   | 5.499G         | 74   | 5.440G         | 75   | 5.579G         | 76   | 5.604G         |
| 77   | 5.608G         | 78   | 5.723G         | 79   | 5.576G         | 80   | 5.703G         |
| 81   | 5.433G         | 82   | 5.612G         | 83   | 5.482G         | 84   | 5.583G         |
| 85   | 5.633G         | 86   | 5.582G         | 87   | 5.437G         | 88   | 5.521G         |
| 89   | 5.601G         | 90   | 5.391G         | 91   | 5.647G         | 92   | 5.393G         |
| 93   | 5.419G         | 94   | 5.598G         | 95   | 5.434G         | 96   | 5.597G         |
| 97   | 5.446G         | 98   | 5.478G         | 99   | 5.551G         | 100  | 5.621G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_10

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.550G         | 2    | 5.265G         | 3    | 5.435G         | 4    | 5.470G         |
| 5    | 5.657G         | 6    | 5.490G         | 7    | 5.566G         | 8    | 5.303G         |
| 9    | 5.400G         | 10   | 5.263G         | 11   | 5.271G         | 12   | 5.372G         |
| 13   | 5.448G         | 14   | 5.659G         | 15   | 5.549G         | 16   | 5.571G         |
| 17   | 5.381G         | 18   | 5.398G         | 19   | 5.278G         | 20   | 5.511G         |
| 21   | 5.583G         | 22   | 5.333G         | 23   | 5.482G         | 24   | 5.494G         |
| 25   | 5.353G         | 26   | 5.668G         | 27   | 5.460G         | 28   | 5.563G         |
| 29   | 5.706G         | 30   | 5.421G         | 31   | 5.283G         | 32   | 5.703G         |
| 33   | 5.554G         | 34   | 5.503G         | 35   | 5.513G         | 36   | 5.461G         |
| 37   | 5.355G         | 38   | 5.341G         | 39   | 5.532G         | 40   | 5.528G         |
| 41   | 5.380G         | 42   | 5.698G         | 43   | 5.392G         | 44   | 5.582G         |
| 45   | 5.285G         | 46   | 5.425G         | 47   | 5.454G         | 48   | 5.617G         |
| 49   | 5.323G         | 50   | 5.281G         | 51   | 5.544G         | 52   | 5.466G         |
| 53   | 5.447G         | 54   | 5.420G         | 55   | 5.600G         | 56   | 5.676G         |
| 57   | 5.422G         | 58   | 5.638G         | 59   | 5.324G         | 60   | 5.295G         |
| 61   | 5.359G         | 62   | 5.483G         | 63   | 5.628G         | 64   | 5.350G         |
| 65   | 5.690G         | 66   | 5.389G         | 67   | 5.495G         | 68   | 5.252G         |
| 69   | 5.603G         | 70   | 5.688G         | 71   | 5.266G         | 72   | 5.696G         |
| 73   | 5.713G         | 74   | 5.649G         | 75   | 5.465G         | 76   | 5.413G         |
| 77   | 5.551G         | 78   | 5.615G         | 79   | 5.620G         | 80   | 5.358G         |
| 81   | 5.567G         | 82   | 5.442G         | 83   | 5.524G         | 84   | 5.506G         |
| 85   | 5.296G         | 86   | 5.597G         | 87   | 5.360G         | 88   | 5.484G         |
| 89   | 5.430G         | 90   | 5.407G         | 91   | 5.612G         | 92   | 5.619G         |
| 93   | 5.488G         | 94   | 5.631G         | 95   | 5.375G         | 96   | 5.432G         |
| 97   | 5.641G         | 98   | 5.342G         | 99   | 5.443G         | 100  | 5.590G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_11

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.408G         | 2    | 5.306G         | 3    | 5.263G         | 4    | 5.393G         |
| 5    | 5.321G         | 6    | 5.559G         | 7    | 5.525G         | 8    | 5.427G         |
| 9    | 5.723G         | 10   | 5.451G         | 11   | 5.696G         | 12   | 5.626G         |
| 13   | 5.709G         | 14   | 5.553G         | 15   | 5.257G         | 16   | 5.474G         |
| 17   | 5.261G         | 18   | 5.669G         | 19   | 5.462G         | 20   | 5.348G         |
| 21   | 5.487G         | 22   | 5.589G         | 23   | 5.625G         | 24   | 5.294G         |
| 25   | 5.262G         | 26   | 5.711G         | 27   | 5.362G         | 28   | 5.623G         |
| 29   | 5.568G         | 30   | 5.564G         | 31   | 5.666G         | 32   | 5.413G         |
| 33   | 5.538G         | 34   | 5.484G         | 35   | 5.641G         | 36   | 5.520G         |
| 37   | 5.721G         | 38   | 5.483G         | 39   | 5.659G         | 40   | 5.339G         |
| 41   | 5.300G         | 42   | 5.478G         | 43   | 5.563G         | 44   | 5.269G         |
| 45   | 5.684G         | 46   | 5.663G         | 47   | 5.252G         | 48   | 5.254G         |
| 49   | 5.480G         | 50   | 5.655G         | 51   | 5.521G         | 52   | 5.377G         |
| 53   | 5.603G         | 54   | 5.627G         | 55   | 5.314G         | 56   | 5.364G         |
| 57   | 5.629G         | 58   | 5.365G         | 59   | 5.351G         | 60   | 5.528G         |
| 61   | 5.657G         | 62   | 5.447G         | 63   | 5.270G         | 64   | 5.477G         |
| 65   | 5.515G         | 66   | 5.295G         | 67   | 5.268G         | 68   | 5.383G         |
| 69   | 5.251G         | 70   | 5.458G         | 71   | 5.320G         | 72   | 5.374G         |
| 73   | 5.492G         | 74   | 5.358G         | 75   | 5.357G         | 76   | 5.410G         |
| 77   | 5.676G         | 78   | 5.588G         | 79   | 5.414G         | 80   | 5.399G         |
| 81   | 5.498G         | 82   | 5.491G         | 83   | 5.604G         | 84   | 5.658G         |
| 85   | 5.330G         | 86   | 5.613G         | 87   | 5.317G         | 88   | 5.539G         |
| 89   | 5.652G         | 90   | 5.403G         | 91   | 5.675G         | 92   | 5.642G         |
| 93   | 5.551G         | 94   | 5.343G         | 95   | 5.460G         | 96   | 5.543G         |
| 97   | 5.369G         | 98   | 5.276G         | 99   | 5.532G         | 100  | 5.708G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_12

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.603G         | 2    | 5.666G         | 3    | 5.522G         | 4    | 5.502G         |
| 5    | 5.678G         | 6    | 5.480G         | 7    | 5.479G         | 8    | 5.281G         |
| 9    | 5.364G         | 10   | 5.297G         | 11   | 5.713G         | 12   | 5.316G         |
| 13   | 5.476G         | 14   | 5.662G         | 15   | 5.437G         | 16   | 5.710G         |
| 17   | 5.561G         | 18   | 5.306G         | 19   | 5.416G         | 20   | 5.463G         |
| 21   | 5.268G         | 22   | 5.498G         | 23   | 5.674G         | 24   | 5.313G         |
| 25   | 5.549G         | 26   | 5.294G         | 27   | 5.558G         | 28   | 5.637G         |
| 29   | 5.583G         | 30   | 5.462G         | 31   | 5.291G         | 32   | 5.492G         |
| 33   | 5.452G         | 34   | 5.260G         | 35   | 5.497G         | 36   | 5.535G         |
| 37   | 5.586G         | 38   | 5.577G         | 39   | 5.658G         | 40   | 5.470G         |
| 41   | 5.424G         | 42   | 5.264G         | 43   | 5.680G         | 44   | 5.347G         |
| 45   | 5.619G         | 46   | 5.500G         | 47   | 5.266G         | 48   | 5.411G         |
| 49   | 5.272G         | 50   | 5.353G         | 51   | 5.661G         | 52   | 5.317G         |
| 53   | 5.696G         | 54   | 5.576G         | 55   | 5.391G         | 56   | 5.376G         |
| 57   | 5.442G         | 58   | 5.432G         | 59   | 5.305G         | 60   | 5.461G         |
| 61   | 5.398G         | 62   | 5.394G         | 63   | 5.368G         | 64   | 5.283G         |
| 65   | 5.624G         | 66   | 5.414G         | 67   | 5.483G         | 68   | 5.458G         |
| 69   | 5.329G         | 70   | 5.634G         | 71   | 5.578G         | 72   | 5.718G         |
| 73   | 5.387G         | 74   | 5.596G         | 75   | 5.650G         | 76   | 5.517G         |
| 77   | 5.690G         | 78   | 5.453G         | 79   | 5.613G         | 80   | 5.653G         |
| 81   | 5.628G         | 82   | 5.451G         | 83   | 5.478G         | 84   | 5.356G         |
| 85   | 5.441G         | 86   | 5.381G         | 87   | 5.552G         | 88   | 5.395G         |
| 89   | 5.341G         | 90   | 5.496G         | 91   | 5.455G         | 92   | 5.469G         |
| 93   | 5.573G         | 94   | 5.365G         | 95   | 5.642G         | 96   | 5.505G         |
| 97   | 5.309G         | 98   | 5.397G         | 99   | 5.568G         | 100  | 5.639G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_13

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.375G         | 2    | 5.264G         | 3    | 5.273G         | 4    | 5.293G         |
| 5    | 5.612G         | 6    | 5.436G         | 7    | 5.695G         | 8    | 5.549G         |
| 9    | 5.422G         | 10   | 5.631G         | 11   | 5.262G         | 12   | 5.490G         |
| 13   | 5.589G         | 14   | 5.506G         | 15   | 5.326G         | 16   | 5.282G         |
| 17   | 5.657G         | 18   | 5.497G         | 19   | 5.509G         | 20   | 5.660G         |
| 21   | 5.474G         | 22   | 5.629G         | 23   | 5.272G         | 24   | 5.314G         |
| 25   | 5.433G         | 26   | 5.560G         | 27   | 5.399G         | 28   | 5.357G         |
| 29   | 5.668G         | 30   | 5.484G         | 31   | 5.408G         | 32   | 5.325G         |
| 33   | 5.434G         | 34   | 5.356G         | 35   | 5.563G         | 36   | 5.285G         |
| 37   | 5.401G         | 38   | 5.426G         | 39   | 5.393G         | 40   | 5.621G         |
| 41   | 5.277G         | 42   | 5.567G         | 43   | 5.593G         | 44   | 5.559G         |
| 45   | 5.496G         | 46   | 5.675G         | 47   | 5.419G         | 48   | 5.319G         |
| 49   | 5.690G         | 50   | 5.694G         | 51   | 5.373G         | 52   | 5.661G         |
| 53   | 5.367G         | 54   | 5.522G         | 55   | 5.674G         | 56   | 5.265G         |
| 57   | 5.300G         | 58   | 5.468G         | 59   | 5.596G         | 60   | 5.324G         |
| 61   | 5.528G         | 62   | 5.526G         | 63   | 5.537G         | 64   | 5.669G         |
| 65   | 5.599G         | 66   | 5.358G         | 67   | 5.303G         | 68   | 5.648G         |
| 69   | 5.378G         | 70   | 5.478G         | 71   | 5.469G         | 72   | 5.407G         |
| 73   | 5.513G         | 74   | 5.263G         | 75   | 5.586G         | 76   | 5.360G         |
| 77   | 5.571G         | 78   | 5.604G         | 79   | 5.446G         | 80   | 5.479G         |
| 81   | 5.482G         | 82   | 5.366G         | 83   | 5.394G         | 84   | 5.693G         |
| 85   | 5.288G         | 86   | 5.512G         | 87   | 5.551G         | 88   | 5.585G         |
| 89   | 5.723G         | 90   | 5.705G         | 91   | 5.412G         | 92   | 5.711G         |
| 93   | 5.345G         | 94   | 5.486G         | 95   | 5.678G         | 96   | 5.361G         |
| 97   | 5.390G         | 98   | 5.352G         | 99   | 5.649G         | 100  | 5.647G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_14

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.507G         | 2    | 5.709G         | 3    | 5.352G         | 4    | 5.516G         |
| 5    | 5.503G         | 6    | 5.594G         | 7    | 5.415G         | 8    | 5.255G         |
| 9    | 5.475G         | 10   | 5.275G         | 11   | 5.657G         | 12   | 5.344G         |
| 13   | 5.534G         | 14   | 5.406G         | 15   | 5.612G         | 16   | 5.671G         |
| 17   | 5.389G         | 18   | 5.314G         | 19   | 5.323G         | 20   | 5.544G         |
| 21   | 5.277G         | 22   | 5.302G         | 23   | 5.545G         | 24   | 5.577G         |
| 25   | 5.388G         | 26   | 5.258G         | 27   | 5.386G         | 28   | 5.434G         |
| 29   | 5.312G         | 30   | 5.595G         | 31   | 5.689G         | 32   | 5.420G         |
| 33   | 5.287G         | 34   | 5.408G         | 35   | 5.464G         | 36   | 5.511G         |
| 37   | 5.443G         | 38   | 5.427G         | 39   | 5.416G         | 40   | 5.365G         |
| 41   | 5.500G         | 42   | 5.587G         | 43   | 5.457G         | 44   | 5.395G         |
| 45   | 5.621G         | 46   | 5.588G         | 47   | 5.442G         | 48   | 5.411G         |
| 49   | 5.390G         | 50   | 5.539G         | 51   | 5.425G         | 52   | 5.521G         |
| 53   | 5.722G         | 54   | 5.696G         | 55   | 5.413G         | 56   | 5.529G         |
| 57   | 5.355G         | 58   | 5.656G         | 59   | 5.704G         | 60   | 5.316G         |
| 61   | 5.480G         | 62   | 5.581G         | 63   | 5.632G         | 64   | 5.676G         |
| 65   | 5.482G         | 66   | 5.432G         | 67   | 5.259G         | 68   | 5.438G         |
| 69   | 5.694G         | 70   | 5.580G         | 71   | 5.536G         | 72   | 5.663G         |
| 73   | 5.495G         | 74   | 5.674G         | 75   | 5.347G         | 76   | 5.400G         |
| 77   | 5.465G         | 78   | 5.330G         | 79   | 5.589G         | 80   | 5.519G         |
| 81   | 5.699G         | 82   | 5.645G         | 83   | 5.380G         | 84   | 5.672G         |
| 85   | 5.635G         | 86   | 5.548G         | 87   | 5.563G         | 88   | 5.710G         |
| 89   | 5.348G         | 90   | 5.629G         | 91   | 5.641G         | 92   | 5.509G         |
| 93   | 5.317G         | 94   | 5.384G         | 95   | 5.562G         | 96   | 5.666G         |
| 97   | 5.332G         | 98   | 5.456G         | 99   | 5.262G         | 100  | 5.701G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_15

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.332G         | 2    | 5.253G         | 3    | 5.256G         | 4    | 5.368G         |
| 5    | 5.366G         | 6    | 5.427G         | 7    | 5.495G         | 8    | 5.322G         |
| 9    | 5.496G         | 10   | 5.474G         | 11   | 5.448G         | 12   | 5.678G         |
| 13   | 5.410G         | 14   | 5.687G         | 15   | 5.686G         | 16   | 5.533G         |
| 17   | 5.269G         | 18   | 5.385G         | 19   | 5.429G         | 20   | 5.261G         |
| 21   | 5.585G         | 22   | 5.509G         | 23   | 5.255G         | 24   | 5.478G         |
| 25   | 5.360G         | 26   | 5.339G         | 27   | 5.335G         | 28   | 5.512G         |
| 29   | 5.604G         | 30   | 5.462G         | 31   | 5.479G         | 32   | 5.562G         |
| 33   | 5.693G         | 34   | 5.337G         | 35   | 5.671G         | 36   | 5.260G         |
| 37   | 5.382G         | 38   | 5.556G         | 39   | 5.523G         | 40   | 5.292G         |
| 41   | 5.273G         | 42   | 5.313G         | 43   | 5.586G         | 44   | 5.668G         |
| 45   | 5.317G         | 46   | 5.324G         | 47   | 5.505G         | 48   | 5.486G         |
| 49   | 5.358G         | 50   | 5.493G         | 51   | 5.456G         | 52   | 5.610G         |
| 53   | 5.528G         | 54   | 5.590G         | 55   | 5.506G         | 56   | 5.517G         |
| 57   | 5.530G         | 58   | 5.640G         | 59   | 5.318G         | 60   | 5.274G         |
| 61   | 5.381G         | 62   | 5.579G         | 63   | 5.667G         | 64   | 5.661G         |
| 65   | 5.415G         | 66   | 5.442G         | 67   | 5.621G         | 68   | 5.552G         |
| 69   | 5.455G         | 70   | 5.300G         | 71   | 5.441G         | 72   | 5.491G         |
| 73   | 5.722G         | 74   | 5.305G         | 75   | 5.331G         | 76   | 5.365G         |
| 77   | 5.390G         | 78   | 5.637G         | 79   | 5.266G         | 80   | 5.591G         |
| 81   | 5.563G         | 82   | 5.607G         | 83   | 5.461G         | 84   | 5.262G         |
| 85   | 5.605G         | 86   | 5.617G         | 87   | 5.403G         | 88   | 5.600G         |
| 89   | 5.492G         | 90   | 5.294G         | 91   | 5.706G         | 92   | 5.507G         |
| 93   | 5.284G         | 94   | 5.298G         | 95   | 5.564G         | 96   | 5.650G         |
| 97   | 5.537G         | 98   | 5.611G         | 99   | 5.645G         | 100  | 5.413G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_16 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.469G         | 2    | 5.426G         | 3    | 5.347G         | 4    | 5.449G         |
| 5                                                | 5.330G         | 6    | 5.537G         | 7    | 5.391G         | 8    | 5.687G         |
| 9                                                | 5.666G         | 10   | 5.332G         | 11   | 5.651G         | 12   | 5.341G         |
| 13                                               | 5.352G         | 14   | 5.457G         | 15   | 5.686G         | 16   | 5.531G         |
| 17                                               | 5.693G         | 18   | 5.631G         | 19   | 5.269G         | 20   | 5.525G         |
| 21                                               | 5.702G         | 22   | 5.403G         | 23   | 5.536G         | 24   | 5.363G         |
| 25                                               | 5.516G         | 26   | 5.538G         | 27   | 5.490G         | 28   | 5.511G         |
| 29                                               | 5.724G         | 30   | 5.704G         | 31   | 5.442G         | 32   | 5.441G         |
| 33                                               | 5.411G         | 34   | 5.717G         | 35   | 5.571G         | 36   | 5.647G         |
| 37                                               | 5.649G         | 38   | 5.606G         | 39   | 5.319G         | 40   | 5.448G         |
| 41                                               | 5.504G         | 42   | 5.472G         | 43   | 5.609G         | 44   | 5.438G         |
| 45                                               | 5.545G         | 46   | 5.480G         | 47   | 5.256G         | 48   | 5.679G         |
| 49                                               | 5.382G         | 50   | 5.284G         | 51   | 5.543G         | 52   | 5.424G         |
| 53                                               | 5.317G         | 54   | 5.520G         | 55   | 5.604G         | 56   | 5.397G         |
| 57                                               | 5.505G         | 58   | 5.463G         | 59   | 5.685G         | 60   | 5.602G         |
| 61                                               | 5.270G         | 62   | 5.618G         | 63   | 5.662G         | 64   | 5.273G         |
| 65                                               | 5.707G         | 66   | 5.664G         | 67   | 5.552G         | 68   | 5.294G         |
| 69                                               | 5.320G         | 70   | 5.464G         | 71   | 5.641G         | 72   | 5.476G         |
| 73                                               | 5.661G         | 74   | 5.566G         | 75   | 5.299G         | 76   | 5.584G         |
| 77                                               | 5.619G         | 78   | 5.420G         | 79   | 5.488G         | 80   | 5.593G         |
| 81                                               | 5.654G         | 82   | 5.714G         | 83   | 5.287G         | 84   | 5.657G         |
| 85                                               | 5.337G         | 86   | 5.644G         | 87   | 5.648G         | 88   | 5.659G         |
| 89                                               | 5.251G         | 90   | 5.265G         | 91   | 5.279G         | 92   | 5.359G         |
| 93                                               | 5.460G         | 94   | 5.413G         | 95   | 5.308G         | 96   | 5.544G         |
| 97                                               | 5.640G         | 98   | 5.394G         | 99   | 5.348G         | 100  | 5.613G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_17

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.421G         | 2    | 5.498G         | 3    | 5.713G         | 4    | 5.660G         |
| 5    | 5.583G         | 6    | 5.662G         | 7    | 5.657G         | 8    | 5.641G         |
| 9    | 5.268G         | 10   | 5.654G         | 11   | 5.517G         | 12   | 5.259G         |
| 13   | 5.485G         | 14   | 5.419G         | 15   | 5.276G         | 16   | 5.649G         |
| 17   | 5.467G         | 18   | 5.646G         | 19   | 5.359G         | 20   | 5.642G         |
| 21   | 5.659G         | 22   | 5.620G         | 23   | 5.345G         | 24   | 5.257G         |
| 25   | 5.288G         | 26   | 5.478G         | 27   | 5.637G         | 28   | 5.252G         |
| 29   | 5.489G         | 30   | 5.274G         | 31   | 5.703G         | 32   | 5.534G         |
| 33   | 5.376G         | 34   | 5.719G         | 35   | 5.682G         | 36   | 5.413G         |
| 37   | 5.614G         | 38   | 5.448G         | 39   | 5.256G         | 40   | 5.365G         |
| 41   | 5.587G         | 42   | 5.350G         | 43   | 5.605G         | 44   | 5.447G         |
| 45   | 5.328G         | 46   | 5.710G         | 47   | 5.330G         | 48   | 5.679G         |
| 49   | 5.557G         | 50   | 5.674G         | 51   | 5.437G         | 52   | 5.668G         |
| 53   | 5.714G         | 54   | 5.353G         | 55   | 5.488G         | 56   | 5.427G         |
| 57   | 5.577G         | 58   | 5.482G         | 59   | 5.700G         | 60   | 5.626G         |
| 61   | 5.307G         | 62   | 5.464G         | 63   | 5.423G         | 64   | 5.336G         |
| 65   | 5.617G         | 66   | 5.608G         | 67   | 5.562G         | 68   | 5.443G         |
| 69   | 5.446G         | 70   | 5.561G         | 71   | 5.493G         | 72   | 5.560G         |
| 73   | 5.304G         | 74   | 5.354G         | 75   | 5.495G         | 76   | 5.680G         |
| 77   | 5.397G         | 78   | 5.344G         | 79   | 5.426G         | 80   | 5.425G         |
| 81   | 5.599G         | 82   | 5.567G         | 83   | 5.510G         | 84   | 5.555G         |
| 85   | 5.625G         | 86   | 5.324G         | 87   | 5.707G         | 88   | 5.262G         |
| 89   | 5.501G         | 90   | 5.651G         | 91   | 5.292G         | 92   | 5.424G         |
| 93   | 5.573G         | 94   | 5.411G         | 95   | 5.597G         | 96   | 5.691G         |
| 97   | 5.435G         | 98   | 5.459G         | 99   | 5.282G         | 100  | 5.600G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_18

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.471G         | 2    | 5.678G         | 3    | 5.410G         | 4    | 5.537G         |
| 5    | 5.446G         | 6    | 5.666G         | 7    | 5.563G         | 8    | 5.355G         |
| 9    | 5.484G         | 10   | 5.489G         | 11   | 5.556G         | 12   | 5.596G         |
| 13   | 5.454G         | 14   | 5.682G         | 15   | 5.554G         | 16   | 5.595G         |
| 17   | 5.270G         | 18   | 5.610G         | 19   | 5.586G         | 20   | 5.549G         |
| 21   | 5.264G         | 22   | 5.415G         | 23   | 5.266G         | 24   | 5.339G         |
| 25   | 5.662G         | 26   | 5.697G         | 27   | 5.379G         | 28   | 5.392G         |
| 29   | 5.301G         | 30   | 5.334G         | 31   | 5.573G         | 32   | 5.643G         |
| 33   | 5.253G         | 34   | 5.439G         | 35   | 5.300G         | 36   | 5.519G         |
| 37   | 5.267G         | 38   | 5.689G         | 39   | 5.539G         | 40   | 5.455G         |
| 41   | 5.468G         | 42   | 5.613G         | 43   | 5.496G         | 44   | 5.665G         |
| 45   | 5.381G         | 46   | 5.250G         | 47   | 5.298G         | 48   | 5.272G         |
| 49   | 5.592G         | 50   | 5.360G         | 51   | 5.532G         | 52   | 5.324G         |
| 53   | 5.710G         | 54   | 5.409G         | 55   | 5.517G         | 56   | 5.467G         |
| 57   | 5.647G         | 58   | 5.668G         | 59   | 5.309G         | 60   | 5.548G         |
| 61   | 5.317G         | 62   | 5.428G         | 63   | 5.597G         | 64   | 5.314G         |
| 65   | 5.481G         | 66   | 5.308G         | 67   | 5.584G         | 68   | 5.622G         |
| 69   | 5.358G         | 70   | 5.466G         | 71   | 5.616G         | 72   | 5.295G         |
| 73   | 5.364G         | 74   | 5.261G         | 75   | 5.655G         | 76   | 5.660G         |
| 77   | 5.457G         | 78   | 5.672G         | 79   | 5.565G         | 80   | 5.652G         |
| 81   | 5.260G         | 82   | 5.683G         | 83   | 5.343G         | 84   | 5.401G         |
| 85   | 5.325G         | 86   | 5.686G         | 87   | 5.353G         | 88   | 5.315G         |
| 89   | 5.373G         | 90   | 5.402G         | 91   | 5.352G         | 92   | 5.599G         |
| 93   | 5.626G         | 94   | 5.702G         | 95   | 5.258G         | 96   | 5.460G         |
| 97   | 5.724G         | 98   | 5.670G         | 99   | 5.444G         | 100  | 5.388G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_19

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.550G         | 2    | 5.672G         | 3    | 5.305G         | 4    | 5.508G         |
| 5    | 5.713G         | 6    | 5.500G         | 7    | 5.312G         | 8    | 5.704G         |
| 9    | 5.291G         | 10   | 5.288G         | 11   | 5.664G         | 12   | 5.468G         |
| 13   | 5.405G         | 14   | 5.558G         | 15   | 5.313G         | 16   | 5.308G         |
| 17   | 5.390G         | 18   | 5.685G         | 19   | 5.526G         | 20   | 5.394G         |
| 21   | 5.616G         | 22   | 5.333G         | 23   | 5.419G         | 24   | 5.461G         |
| 25   | 5.417G         | 26   | 5.393G         | 27   | 5.427G         | 28   | 5.650G         |
| 29   | 5.376G         | 30   | 5.351G         | 31   | 5.656G         | 32   | 5.494G         |
| 33   | 5.700G         | 34   | 5.365G         | 35   | 5.624G         | 36   | 5.551G         |
| 37   | 5.259G         | 38   | 5.657G         | 39   | 5.470G         | 40   | 5.666G         |
| 41   | 5.250G         | 42   | 5.501G         | 43   | 5.681G         | 44   | 5.496G         |
| 45   | 5.370G         | 46   | 5.689G         | 47   | 5.535G         | 48   | 5.271G         |
| 49   | 5.444G         | 50   | 5.696G         | 51   | 5.337G         | 52   | 5.621G         |
| 53   | 5.265G         | 54   | 5.399G         | 55   | 5.609G         | 56   | 5.722G         |
| 57   | 5.401G         | 58   | 5.667G         | 59   | 5.473G         | 60   | 5.511G         |
| 61   | 5.350G         | 62   | 5.614G         | 63   | 5.516G         | 64   | 5.409G         |
| 65   | 5.260G         | 66   | 5.709G         | 67   | 5.677G         | 68   | 5.590G         |
| 69   | 5.671G         | 70   | 5.418G         | 71   | 5.297G         | 72   | 5.623G         |
| 73   | 5.539G         | 74   | 5.371G         | 75   | 5.280G         | 76   | 5.422G         |
| 77   | 5.607G         | 78   | 5.407G         | 79   | 5.533G         | 80   | 5.316G         |
| 81   | 5.301G         | 82   | 5.640G         | 83   | 5.610G         | 84   | 5.454G         |
| 85   | 5.413G         | 86   | 5.512G         | 87   | 5.577G         | 88   | 5.557G         |
| 89   | 5.471G         | 90   | 5.622G         | 91   | 5.439G         | 92   | 5.361G         |
| 93   | 5.582G         | 94   | 5.360G         | 95   | 5.440G         | 96   | 5.537G         |
| 97   | 5.406G         | 98   | 5.585G         | 99   | 5.342G         | 100  | 5.462G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_20 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.664G         | 2    | 5.377G         | 3    | 5.595G         | 4    | 5.701G         |
| 5                                                | 5.596G         | 6    | 5.490G         | 7    | 5.573G         | 8    | 5.706G         |
| 9                                                | 5.594G         | 10   | 5.393G         | 11   | 5.581G         | 12   | 5.592G         |
| 13                                               | 5.403G         | 14   | 5.547G         | 15   | 5.428G         | 16   | 5.314G         |
| 17                                               | 5.643G         | 18   | 5.585G         | 19   | 5.444G         | 20   | 5.405G         |
| 21                                               | 5.279G         | 22   | 5.294G         | 23   | 5.477G         | 24   | 5.277G         |
| 25                                               | 5.543G         | 26   | 5.338G         | 27   | 5.720G         | 28   | 5.613G         |
| 29                                               | 5.323G         | 30   | 5.541G         | 31   | 5.496G         | 32   | 5.270G         |
| 33                                               | 5.499G         | 34   | 5.410G         | 35   | 5.530G         | 36   | 5.339G         |
| 37                                               | 5.452G         | 38   | 5.287G         | 39   | 5.423G         | 40   | 5.375G         |
| 41                                               | 5.328G         | 42   | 5.644G         | 43   | 5.620G         | 44   | 5.333G         |
| 45                                               | 5.635G         | 46   | 5.566G         | 47   | 5.645G         | 48   | 5.497G         |
| 49                                               | 5.325G         | 50   | 5.417G         | 51   | 5.523G         | 52   | 5.562G         |
| 53                                               | 5.605G         | 54   | 5.495G         | 55   | 5.271G         | 56   | 5.693G         |
| 57                                               | 5.442G         | 58   | 5.524G         | 59   | 5.637G         | 60   | 5.407G         |
| 61                                               | 5.421G         | 62   | 5.342G         | 63   | 5.435G         | 64   | 5.590G         |
| 65                                               | 5.636G         | 66   | 5.711G         | 67   | 5.468G         | 68   | 5.288G         |
| 69                                               | 5.488G         | 70   | 5.719G         | 71   | 5.699G         | 72   | 5.400G         |
| 73                                               | 5.343G         | 74   | 5.589G         | 75   | 5.379G         | 76   | 5.408G         |
| 77                                               | 5.406G         | 78   | 5.712G         | 79   | 5.370G         | 80   | 5.268G         |
| 81                                               | 5.299G         | 82   | 5.576G         | 83   | 5.619G         | 84   | 5.332G         |
| 85                                               | 5.361G         | 86   | 5.465G         | 87   | 5.517G         | 88   | 5.485G         |
| 89                                               | 5.724G         | 90   | 5.557G         | 91   | 5.297G         | 92   | 5.586G         |
| 93                                               | 5.321G         | 94   | 5.368G         | 95   | 5.683G         | 96   | 5.526G         |
| 97                                               | 5.649G         | 98   | 5.587G         | 99   | 5.582G         | 100  | 5.681G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_21 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.265G         | 2    | 5.645G         | 3    | 5.335G         | 4    | 5.680G         |
| 5                                                | 5.551G         | 6    | 5.661G         | 7    | 5.669G         | 8    | 5.387G         |
| 9                                                | 5.352G         | 10   | 5.635G         | 11   | 5.451G         | 12   | 5.534G         |
| 13                                               | 5.511G         | 14   | 5.708G         | 15   | 5.721G         | 16   | 5.644G         |
| 17                                               | 5.524G         | 18   | 5.634G         | 19   | 5.453G         | 20   | 5.698G         |
| 21                                               | 5.631G         | 22   | 5.445G         | 23   | 5.279G         | 24   | 5.582G         |
| 25                                               | 5.488G         | 26   | 5.687G         | 27   | 5.292G         | 28   | 5.673G         |
| 29                                               | 5.361G         | 30   | 5.256G         | 31   | 5.471G         | 32   | 5.523G         |
| 33                                               | 5.464G         | 34   | 5.330G         | 35   | 5.555G         | 36   | 5.499G         |
| 37                                               | 5.700G         | 38   | 5.613G         | 39   | 5.695G         | 40   | 5.672G         |
| 41                                               | 5.591G         | 42   | 5.399G         | 43   | 5.432G         | 44   | 5.664G         |
| 45                                               | 5.578G         | 46   | 5.571G         | 47   | 5.478G         | 48   | 5.463G         |
| 49                                               | 5.431G         | 50   | 5.516G         | 51   | 5.371G         | 52   | 5.652G         |
| 53                                               | 5.709G         | 54   | 5.692G         | 55   | 5.421G         | 56   | 5.480G         |
| 57                                               | 5.425G         | 58   | 5.293G         | 59   | 5.285G         | 60   | 5.693G         |
| 61                                               | 5.666G         | 62   | 5.609G         | 63   | 5.377G         | 64   | 5.338G         |
| 65                                               | 5.597G         | 66   | 5.430G         | 67   | 5.568G         | 68   | 5.489G         |
| 69                                               | 5.495G         | 70   | 5.479G         | 71   | 5.304G         | 72   | 5.527G         |
| 73                                               | 5.473G         | 74   | 5.397G         | 75   | 5.643G         | 76   | 5.626G         |
| 77                                               | 5.411G         | 78   | 5.702G         | 79   | 5.409G         | 80   | 5.512G         |
| 81                                               | 5.599G         | 82   | 5.497G         | 83   | 5.393G         | 84   | 5.351G         |
| 85                                               | 5.706G         | 86   | 5.327G         | 87   | 5.660G         | 88   | 5.437G         |
| 89                                               | 5.322G         | 90   | 5.566G         | 91   | 5.553G         | 92   | 5.501G         |
| 93                                               | 5.315G         | 94   | 5.590G         | 95   | 5.385G         | 96   | 5.650G         |
| 97                                               | 5.614G         | 98   | 5.705G         | 99   | 5.276G         | 100  | 5.469G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_22

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.609G         | 2    | 5.255G         | 3    | 5.447G         | 4    | 5.276G         |
| 5    | 5.345G         | 6    | 5.385G         | 7    | 5.526G         | 8    | 5.623G         |
| 9    | 5.601G         | 10   | 5.535G         | 11   | 5.657G         | 12   | 5.300G         |
| 13   | 5.306G         | 14   | 5.708G         | 15   | 5.495G         | 16   | 5.422G         |
| 17   | 5.658G         | 18   | 5.379G         | 19   | 5.692G         | 20   | 5.502G         |
| 21   | 5.253G         | 22   | 5.498G         | 23   | 5.380G         | 24   | 5.670G         |
| 25   | 5.460G         | 26   | 5.514G         | 27   | 5.545G         | 28   | 5.319G         |
| 29   | 5.252G         | 30   | 5.457G         | 31   | 5.478G         | 32   | 5.707G         |
| 33   | 5.722G         | 34   | 5.681G         | 35   | 5.329G         | 36   | 5.390G         |
| 37   | 5.367G         | 38   | 5.622G         | 39   | 5.286G         | 40   | 5.472G         |
| 41   | 5.435G         | 42   | 5.427G         | 43   | 5.458G         | 44   | 5.715G         |
| 45   | 5.537G         | 46   | 5.312G         | 47   | 5.671G         | 48   | 5.521G         |
| 49   | 5.322G         | 50   | 5.655G         | 51   | 5.308G         | 52   | 5.484G         |
| 53   | 5.361G         | 54   | 5.304G         | 55   | 5.259G         | 56   | 5.418G         |
| 57   | 5.360G         | 58   | 5.724G         | 59   | 5.594G         | 60   | 5.420G         |
| 61   | 5.549G         | 62   | 5.454G         | 63   | 5.314G         | 64   | 5.569G         |
| 65   | 5.467G         | 66   | 5.450G         | 67   | 5.519G         | 68   | 5.444G         |
| 69   | 5.268G         | 70   | 5.663G         | 71   | 5.709G         | 72   | 5.610G         |
| 73   | 5.621G         | 74   | 5.647G         | 75   | 5.648G         | 76   | 5.557G         |
| 77   | 5.529G         | 78   | 5.483G         | 79   | 5.589G         | 80   | 5.377G         |
| 81   | 5.338G         | 82   | 5.698G         | 83   | 5.433G         | 84   | 5.446G         |
| 85   | 5.618G         | 86   | 5.597G         | 87   | 5.393G         | 88   | 5.554G         |
| 89   | 5.477G         | 90   | 5.403G         | 91   | 5.280G         | 92   | 5.719G         |
| 93   | 5.263G         | 94   | 5.465G         | 95   | 5.305G         | 96   | 5.646G         |
| 97   | 5.550G         | 98   | 5.396G         | 99   | 5.637G         | 100  | 5.716G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_23

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.401G         | 2    | 5.459G         | 3    | 5.412G         | 4    | 5.639G         |
| 5    | 5.383G         | 6    | 5.630G         | 7    | 5.689G         | 8    | 5.673G         |
| 9    | 5.441G         | 10   | 5.384G         | 11   | 5.432G         | 12   | 5.451G         |
| 13   | 5.608G         | 14   | 5.440G         | 15   | 5.593G         | 16   | 5.398G         |
| 17   | 5.590G         | 18   | 5.280G         | 19   | 5.339G         | 20   | 5.257G         |
| 21   | 5.702G         | 22   | 5.422G         | 23   | 5.648G         | 24   | 5.683G         |
| 25   | 5.642G         | 26   | 5.479G         | 27   | 5.354G         | 28   | 5.718G         |
| 29   | 5.633G         | 30   | 5.620G         | 31   | 5.562G         | 32   | 5.334G         |
| 33   | 5.515G         | 34   | 5.546G         | 35   | 5.585G         | 36   | 5.486G         |
| 37   | 5.366G         | 38   | 5.409G         | 39   | 5.375G         | 40   | 5.392G         |
| 41   | 5.482G         | 42   | 5.313G         | 43   | 5.660G         | 44   | 5.279G         |
| 45   | 5.563G         | 46   | 5.617G         | 47   | 5.694G         | 48   | 5.307G         |
| 49   | 5.314G         | 50   | 5.376G         | 51   | 5.447G         | 52   | 5.697G         |
| 53   | 5.393G         | 54   | 5.698G         | 55   | 5.335G         | 56   | 5.358G         |
| 57   | 5.503G         | 58   | 5.605G         | 59   | 5.712G         | 60   | 5.413G         |
| 61   | 5.285G         | 62   | 5.662G         | 63   | 5.576G         | 64   | 5.429G         |
| 65   | 5.365G         | 66   | 5.653G         | 67   | 5.284G         | 68   | 5.687G         |
| 69   | 5.415G         | 70   | 5.315G         | 71   | 5.347G         | 72   | 5.722G         |
| 73   | 5.613G         | 74   | 5.372G         | 75   | 5.425G         | 76   | 5.504G         |
| 77   | 5.723G         | 78   | 5.330G         | 79   | 5.672G         | 80   | 5.473G         |
| 81   | 5.423G         | 82   | 5.618G         | 83   | 5.526G         | 84   | 5.452G         |
| 85   | 5.301G         | 86   | 5.460G         | 87   | 5.652G         | 88   | 5.592G         |
| 89   | 5.547G         | 90   | 5.286G         | 91   | 5.614G         | 92   | 5.603G         |
| 93   | 5.696G         | 94   | 5.484G         | 95   | 5.721G         | 96   | 5.343G         |
| 97   | 5.519G         | 98   | 5.667G         | 99   | 5.407G         | 100  | 5.489G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_24

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.338G         | 2    | 5.690G         | 3    | 5.513G         | 4    | 5.614G         |
| 5    | 5.452G         | 6    | 5.451G         | 7    | 5.357G         | 8    | 5.646G         |
| 9    | 5.375G         | 10   | 5.403G         | 11   | 5.400G         | 12   | 5.341G         |
| 13   | 5.469G         | 14   | 5.723G         | 15   | 5.707G         | 16   | 5.314G         |
| 17   | 5.708G         | 18   | 5.474G         | 19   | 5.336G         | 20   | 5.416G         |
| 21   | 5.427G         | 22   | 5.521G         | 23   | 5.593G         | 24   | 5.611G         |
| 25   | 5.598G         | 26   | 5.558G         | 27   | 5.652G         | 28   | 5.581G         |
| 29   | 5.383G         | 30   | 5.642G         | 31   | 5.313G         | 32   | 5.649G         |
| 33   | 5.722G         | 34   | 5.664G         | 35   | 5.561G         | 36   | 5.594G         |
| 37   | 5.266G         | 38   | 5.334G         | 39   | 5.685G         | 40   | 5.701G         |
| 41   | 5.437G         | 42   | 5.544G         | 43   | 5.332G         | 44   | 5.603G         |
| 45   | 5.465G         | 46   | 5.379G         | 47   | 5.579G         | 48   | 5.262G         |
| 49   | 5.250G         | 50   | 5.724G         | 51   | 5.283G         | 52   | 5.291G         |
| 53   | 5.587G         | 54   | 5.391G         | 55   | 5.329G         | 56   | 5.382G         |
| 57   | 5.372G         | 58   | 5.645G         | 59   | 5.455G         | 60   | 5.596G         |
| 61   | 5.422G         | 62   | 5.251G         | 63   | 5.609G         | 64   | 5.559G         |
| 65   | 5.497G         | 66   | 5.253G         | 67   | 5.545G         | 68   | 5.438G         |
| 69   | 5.488G         | 70   | 5.697G         | 71   | 5.503G         | 72   | 5.348G         |
| 73   | 5.583G         | 74   | 5.390G         | 75   | 5.647G         | 76   | 5.377G         |
| 77   | 5.535G         | 78   | 5.298G         | 79   | 5.556G         | 80   | 5.571G         |
| 81   | 5.644G         | 82   | 5.625G         | 83   | 5.490G         | 84   | 5.610G         |
| 85   | 5.592G         | 86   | 5.426G         | 87   | 5.280G         | 88   | 5.591G         |
| 89   | 5.305G         | 90   | 5.564G         | 91   | 5.721G         | 92   | 5.285G         |
| 93   | 5.526G         | 94   | 5.315G         | 95   | 5.698G         | 96   | 5.624G         |
| 97   | 5.258G         | 98   | 5.505G         | 99   | 5.606G         | 100  | 5.516G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_25

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.337G         | 2    | 5.639G         | 3    | 5.406G         | 4    | 5.583G         |
| 5    | 5.403G         | 6    | 5.551G         | 7    | 5.705G         | 8    | 5.571G         |
| 9    | 5.488G         | 10   | 5.253G         | 11   | 5.519G         | 12   | 5.369G         |
| 13   | 5.575G         | 14   | 5.445G         | 15   | 5.511G         | 16   | 5.419G         |
| 17   | 5.619G         | 18   | 5.261G         | 19   | 5.473G         | 20   | 5.710G         |
| 21   | 5.580G         | 22   | 5.657G         | 23   | 5.446G         | 24   | 5.508G         |
| 25   | 5.355G         | 26   | 5.634G         | 27   | 5.334G         | 28   | 5.460G         |
| 29   | 5.648G         | 30   | 5.546G         | 31   | 5.608G         | 32   | 5.674G         |
| 33   | 5.534G         | 34   | 5.723G         | 35   | 5.256G         | 36   | 5.629G         |
| 37   | 5.459G         | 38   | 5.352G         | 39   | 5.293G         | 40   | 5.517G         |
| 41   | 5.322G         | 42   | 5.467G         | 43   | 5.557G         | 44   | 5.672G         |
| 45   | 5.703G         | 46   | 5.415G         | 47   | 5.296G         | 48   | 5.547G         |
| 49   | 5.435G         | 50   | 5.465G         | 51   | 5.260G         | 52   | 5.282G         |
| 53   | 5.374G         | 54   | 5.430G         | 55   | 5.494G         | 56   | 5.640G         |
| 57   | 5.268G         | 58   | 5.432G         | 59   | 5.392G         | 60   | 5.307G         |
| 61   | 5.393G         | 62   | 5.344G         | 63   | 5.416G         | 64   | 5.285G         |
| 65   | 5.638G         | 66   | 5.597G         | 67   | 5.516G         | 68   | 5.690G         |
| 69   | 5.449G         | 70   | 5.504G         | 71   | 5.572G         | 72   | 5.669G         |
| 73   | 5.594G         | 74   | 5.532G         | 75   | 5.628G         | 76   | 5.673G         |
| 77   | 5.448G         | 78   | 5.537G         | 79   | 5.326G         | 80   | 5.266G         |
| 81   | 5.697G         | 82   | 5.522G         | 83   | 5.678G         | 84   | 5.655G         |
| 85   | 5.422G         | 86   | 5.317G         | 87   | 5.602G         | 88   | 5.264G         |
| 89   | 5.589G         | 90   | 5.627G         | 91   | 5.491G         | 92   | 5.701G         |
| 93   | 5.436G         | 94   | 5.680G         | 95   | 5.478G         | 96   | 5.558G         |
| 97   | 5.320G         | 98   | 5.662G         | 99   | 5.525G         | 100  | 5.434G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_26

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.518G         | 2    | 5.489G         | 3    | 5.280G         | 4    | 5.598G         |
| 5    | 5.417G         | 6    | 5.447G         | 7    | 5.418G         | 8    | 5.400G         |
| 9    | 5.674G         | 10   | 5.631G         | 11   | 5.668G         | 12   | 5.577G         |
| 13   | 5.654G         | 14   | 5.251G         | 15   | 5.570G         | 16   | 5.649G         |
| 17   | 5.318G         | 18   | 5.373G         | 19   | 5.558G         | 20   | 5.544G         |
| 21   | 5.331G         | 22   | 5.695G         | 23   | 5.395G         | 24   | 5.628G         |
| 25   | 5.551G         | 26   | 5.338G         | 27   | 5.678G         | 28   | 5.375G         |
| 29   | 5.448G         | 30   | 5.254G         | 31   | 5.693G         | 32   | 5.273G         |
| 33   | 5.501G         | 34   | 5.596G         | 35   | 5.406G         | 36   | 5.295G         |
| 37   | 5.253G         | 38   | 5.430G         | 39   | 5.315G         | 40   | 5.650G         |
| 41   | 5.565G         | 42   | 5.504G         | 43   | 5.533G         | 44   | 5.664G         |
| 45   | 5.547G         | 46   | 5.307G         | 47   | 5.385G         | 48   | 5.561G         |
| 49   | 5.521G         | 50   | 5.303G         | 51   | 5.383G         | 52   | 5.525G         |
| 53   | 5.300G         | 54   | 5.641G         | 55   | 5.613G         | 56   | 5.291G         |
| 57   | 5.614G         | 58   | 5.588G         | 59   | 5.365G         | 60   | 5.294G         |
| 61   | 5.600G         | 62   | 5.445G         | 63   | 5.387G         | 64   | 5.468G         |
| 65   | 5.405G         | 66   | 5.429G         | 67   | 5.450G         | 68   | 5.288G         |
| 69   | 5.462G         | 70   | 5.464G         | 71   | 5.443G         | 72   | 5.659G         |
| 73   | 5.344G         | 74   | 5.636G         | 75   | 5.611G         | 76   | 5.432G         |
| 77   | 5.341G         | 78   | 5.532G         | 79   | 5.420G         | 80   | 5.449G         |
| 81   | 5.284G         | 82   | 5.414G         | 83   | 5.724G         | 84   | 5.440G         |
| 85   | 5.556G         | 86   | 5.455G         | 87   | 5.499G         | 88   | 5.474G         |
| 89   | 5.481G         | 90   | 5.363G         | 91   | 5.478G         | 92   | 5.456G         |
| 93   | 5.264G         | 94   | 5.633G         | 95   | 5.589G         | 96   | 5.686G         |
| 97   | 5.538G         | 98   | 5.569G         | 99   | 5.524G         | 100  | 5.578G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_27

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.368G         | 2    | 5.583G         | 3    | 5.564G         | 4    | 5.520G         |
| 5    | 5.428G         | 6    | 5.366G         | 7    | 5.611G         | 8    | 5.390G         |
| 9    | 5.616G         | 10   | 5.556G         | 11   | 5.539G         | 12   | 5.485G         |
| 13   | 5.360G         | 14   | 5.302G         | 15   | 5.581G         | 16   | 5.614G         |
| 17   | 5.353G         | 18   | 5.358G         | 19   | 5.582G         | 20   | 5.325G         |
| 21   | 5.348G         | 22   | 5.292G         | 23   | 5.287G         | 24   | 5.567G         |
| 25   | 5.615G         | 26   | 5.346G         | 27   | 5.531G         | 28   | 5.263G         |
| 29   | 5.272G         | 30   | 5.282G         | 31   | 5.657G         | 32   | 5.554G         |
| 33   | 5.618G         | 34   | 5.580G         | 35   | 5.525G         | 36   | 5.291G         |
| 37   | 5.715G         | 38   | 5.343G         | 39   | 5.534G         | 40   | 5.312G         |
| 41   | 5.275G         | 42   | 5.270G         | 43   | 5.718G         | 44   | 5.696G         |
| 45   | 5.671G         | 46   | 5.307G         | 47   | 5.332G         | 48   | 5.721G         |
| 49   | 5.462G         | 50   | 5.714G         | 51   | 5.451G         | 52   | 5.679G         |
| 53   | 5.422G         | 54   | 5.317G         | 55   | 5.640G         | 56   | 5.695G         |
| 57   | 5.722G         | 58   | 5.598G         | 59   | 5.607G         | 60   | 5.648G         |
| 61   | 5.547G         | 62   | 5.396G         | 63   | 5.523G         | 64   | 5.659G         |
| 65   | 5.624G         | 66   | 5.584G         | 67   | 5.660G         | 68   | 5.452G         |
| 69   | 5.550G         | 70   | 5.440G         | 71   | 5.683G         | 72   | 5.382G         |
| 73   | 5.562G         | 74   | 5.578G         | 75   | 5.513G         | 76   | 5.393G         |
| 77   | 5.379G         | 78   | 5.409G         | 79   | 5.362G         | 80   | 5.297G         |
| 81   | 5.597G         | 82   | 5.337G         | 83   | 5.711G         | 84   | 5.460G         |
| 85   | 5.576G         | 86   | 5.605G         | 87   | 5.645G         | 88   | 5.591G         |
| 89   | 5.667G         | 90   | 5.398G         | 91   | 5.456G         | 92   | 5.380G         |
| 93   | 5.710G         | 94   | 5.636G         | 95   | 5.315G         | 96   | 5.277G         |
| 97   | 5.441G         | 98   | 5.676G         | 99   | 5.593G         | 100  | 5.394G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_28 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.336G         | 2    | 5.506G         | 3    | 5.514G         | 4    | 5.286G         |
| 5                                                | 5.715G         | 6    | 5.452G         | 7    | 5.408G         | 8    | 5.722G         |
| 9                                                | 5.332G         | 10   | 5.606G         | 11   | 5.608G         | 12   | 5.630G         |
| 13                                               | 5.676G         | 14   | 5.547G         | 15   | 5.568G         | 16   | 5.436G         |
| 17                                               | 5.503G         | 18   | 5.344G         | 19   | 5.723G         | 20   | 5.331G         |
| 21                                               | 5.637G         | 22   | 5.454G         | 23   | 5.589G         | 24   | 5.517G         |
| 25                                               | 5.586G         | 26   | 5.474G         | 27   | 5.267G         | 28   | 5.686G         |
| 29                                               | 5.333G         | 30   | 5.540G         | 31   | 5.585G         | 32   | 5.678G         |
| 33                                               | 5.482G         | 34   | 5.549G         | 35   | 5.473G         | 36   | 5.695G         |
| 37                                               | 5.412G         | 38   | 5.600G         | 39   | 5.620G         | 40   | 5.272G         |
| 41                                               | 5.499G         | 42   | 5.424G         | 43   | 5.366G         | 44   | 5.594G         |
| 45                                               | 5.526G         | 46   | 5.625G         | 47   | 5.632G         | 48   | 5.572G         |
| 49                                               | 5.260G         | 50   | 5.463G         | 51   | 5.679G         | 52   | 5.444G         |
| 53                                               | 5.716G         | 54   | 5.388G         | 55   | 5.587G         | 56   | 5.592G         |
| 57                                               | 5.399G         | 58   | 5.327G         | 59   | 5.607G         | 60   | 5.529G         |
| 61                                               | 5.455G         | 62   | 5.554G         | 63   | 5.688G         | 64   | 5.534G         |
| 65                                               | 5.250G         | 66   | 5.295G         | 67   | 5.541G         | 68   | 5.402G         |
| 69                                               | 5.551G         | 70   | 5.595G         | 71   | 5.459G         | 72   | 5.516G         |
| 73                                               | 5.467G         | 74   | 5.544G         | 75   | 5.358G         | 76   | 5.393G         |
| 77                                               | 5.490G         | 78   | 5.656G         | 79   | 5.493G         | 80   | 5.639G         |
| 81                                               | 5.410G         | 82   | 5.494G         | 83   | 5.346G         | 84   | 5.304G         |
| 85                                               | 5.357G         | 86   | 5.616G         | 87   | 5.339G         | 88   | 5.316G         |
| 89                                               | 5.318G         | 90   | 5.510G         | 91   | 5.405G         | 92   | 5.697G         |
| 93                                               | 5.483G         | 94   | 5.535G         | 95   | 5.672G         | 96   | 5.645G         |
| 97                                               | 5.558G         | 98   | 5.284G         | 99   | 5.460G         | 100  | 5.519G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_29 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.666G         | 2    | 5.685G         | 3    | 5.395G         | 4    | 5.370G         |
| 5                                                | 5.611G         | 6    | 5.291G         | 7    | 5.687G         | 8    | 5.327G         |
| 9                                                | 5.307G         | 10   | 5.486G         | 11   | 5.389G         | 12   | 5.604G         |
| 13                                               | 5.319G         | 14   | 5.463G         | 15   | 5.445G         | 16   | 5.357G         |
| 17                                               | 5.415G         | 18   | 5.721G         | 19   | 5.587G         | 20   | 5.585G         |
| 21                                               | 5.558G         | 22   | 5.574G         | 23   | 5.675G         | 24   | 5.566G         |
| 25                                               | 5.679G         | 26   | 5.570G         | 27   | 5.488G         | 28   | 5.640G         |
| 29                                               | 5.406G         | 30   | 5.617G         | 31   | 5.386G         | 32   | 5.592G         |
| 33                                               | 5.382G         | 34   | 5.448G         | 35   | 5.479G         | 36   | 5.461G         |
| 37                                               | 5.273G         | 38   | 5.671G         | 39   | 5.458G         | 40   | 5.432G         |
| 41                                               | 5.544G         | 42   | 5.271G         | 43   | 5.628G         | 44   | 5.343G         |
| 45                                               | 5.689G         | 46   | 5.709G         | 47   | 5.691G         | 48   | 5.529G         |
| 49                                               | 5.540G         | 50   | 5.633G         | 51   | 5.623G         | 52   | 5.667G         |
| 53                                               | 5.536G         | 54   | 5.277G         | 55   | 5.577G         | 56   | 5.625G         |
| 57                                               | 5.454G         | 58   | 5.595G         | 59   | 5.660G         | 60   | 5.564G         |
| 61                                               | 5.673G         | 62   | 5.362G         | 63   | 5.692G         | 64   | 5.252G         |
| 65                                               | 5.680G         | 66   | 5.304G         | 67   | 5.459G         | 68   | 5.436G         |
| 69                                               | 5.314G         | 70   | 5.723G         | 71   | 5.423G         | 72   | 5.651G         |
| 73                                               | 5.435G         | 74   | 5.553G         | 75   | 5.562G         | 76   | 5.602G         |
| 77                                               | 5.368G         | 78   | 5.646G         | 79   | 5.441G         | 80   | 5.412G         |
| 81                                               | 5.718G         | 82   | 5.552G         | 83   | 5.430G         | 84   | 5.607G         |
| 85                                               | 5.404G         | 86   | 5.393G         | 87   | 5.420G         | 88   | 5.672G         |
| 89                                               | 5.669G         | 90   | 5.596G         | 91   | 5.384G         | 92   | 5.428G         |
| 93                                               | 5.495G         | 94   | 5.268G         | 95   | 5.606G         | 96   | 5.551G         |
| 97                                               | 5.377G         | 98   | 5.588G         | 99   | 5.352G         | 100  | 5.477G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_30 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.458G         | 2    | 5.613G         | 3    | 5.717G         | 4    | 5.475G         |
| 5                                                | 5.607G         | 6    | 5.589G         | 7    | 5.417G         | 8    | 5.406G         |
| 9                                                | 5.298G         | 10   | 5.318G         | 11   | 5.710G         | 12   | 5.667G         |
| 13                                               | 5.351G         | 14   | 5.347G         | 15   | 5.300G         | 16   | 5.619G         |
| 17                                               | 5.309G         | 18   | 5.502G         | 19   | 5.578G         | 20   | 5.639G         |
| 21                                               | 5.573G         | 22   | 5.448G         | 23   | 5.462G         | 24   | 5.721G         |
| 25                                               | 5.389G         | 26   | 5.509G         | 27   | 5.414G         | 28   | 5.443G         |
| 29                                               | 5.262G         | 30   | 5.571G         | 31   | 5.558G         | 32   | 5.285G         |
| 33                                               | 5.529G         | 34   | 5.606G         | 35   | 5.419G         | 36   | 5.352G         |
| 37                                               | 5.566G         | 38   | 5.459G         | 39   | 5.304G         | 40   | 5.398G         |
| 41                                               | 5.339G         | 42   | 5.408G         | 43   | 5.281G         | 44   | 5.663G         |
| 45                                               | 5.690G         | 46   | 5.405G         | 47   | 5.335G         | 48   | 5.577G         |
| 49                                               | 5.491G         | 50   | 5.424G         | 51   | 5.411G         | 52   | 5.581G         |
| 53                                               | 5.715G         | 54   | 5.686G         | 55   | 5.267G         | 56   | 5.594G         |
| 57                                               | 5.277G         | 58   | 5.596G         | 59   | 5.457G         | 60   | 5.554G         |
| 61                                               | 5.388G         | 62   | 5.669G         | 63   | 5.474G         | 64   | 5.720G         |
| 65                                               | 5.453G         | 66   | 5.658G         | 67   | 5.500G         | 68   | 5.677G         |
| 69                                               | 5.358G         | 70   | 5.287G         | 71   | 5.338G         | 72   | 5.394G         |
| 73                                               | 5.609G         | 74   | 5.676G         | 75   | 5.353G         | 76   | 5.379G         |
| 77                                               | 5.616G         | 78   | 5.625G         | 79   | 5.257G         | 80   | 5.595G         |
| 81                                               | 5.588G         | 82   | 5.426G         | 83   | 5.556G         | 84   | 5.680G         |
| 85                                               | 5.373G         | 86   | 5.674G         | 87   | 5.350G         | 88   | 5.628G         |
| 89                                               | 5.423G         | 90   | 5.418G         | 91   | 5.260G         | 92   | 5.590G         |
| 93                                               | 5.392G         | 94   | 5.532G         | 95   | 5.478G         | 96   | 5.582G         |
| 97                                               | 5.562G         | 98   | 5.326G         | 99   | 5.548G         | 100  | 5.286G         |

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Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_01

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.594G         | 2    | 5.685G         | 3    | 5.361G         | 4    | 5.582G         |
| 5    | 5.699G         | 6    | 5.598G         | 7    | 5.352G         | 8    | 5.301G         |
| 9    | 5.658G         | 10   | 5.311G         | 11   | 5.696G         | 12   | 5.278G         |
| 13   | 5.529G         | 14   | 5.462G         | 15   | 5.313G         | 16   | 5.655G         |
| 17   | 5.523G         | 18   | 5.390G         | 19   | 5.282G         | 20   | 5.273G         |
| 21   | 5.339G         | 22   | 5.595G         | 23   | 5.434G         | 24   | 5.300G         |
| 25   | 5.351G         | 26   | 5.617G         | 27   | 5.250G         | 28   | 5.436G         |
| 29   | 5.605G         | 30   | 5.508G         | 31   | 5.307G         | 32   | 5.636G         |
| 33   | 5.294G         | 34   | 5.401G         | 35   | 5.601G         | 36   | 5.460G         |
| 37   | 5.587G         | 38   | 5.324G         | 39   | 5.314G         | 40   | 5.349G         |
| 41   | 5.654G         | 42   | 5.576G         | 43   | 5.432G         | 44   | 5.413G         |
| 45   | 5.538G         | 46   | 5.336G         | 47   | 5.378G         | 48   | 5.702G         |
| 49   | 5.542G         | 50   | 5.417G         | 51   | 5.723G         | 52   | 5.374G         |
| 53   | 5.535G         | 54   | 5.485G         | 55   | 5.302G         | 56   | 5.635G         |
| 57   | 5.384G         | 58   | 5.503G         | 59   | 5.387G         | 60   | 5.575G         |
| 61   | 5.465G         | 62   | 5.297G         | 63   | 5.440G         | 64   | 5.602G         |
| 65   | 5.691G         | 66   | 5.715G         | 67   | 5.565G         | 68   | 5.579G         |
| 69   | 5.698G         | 70   | 5.500G         | 71   | 5.252G         | 72   | 5.649G         |
| 73   | 5.272G         | 74   | 5.589G         | 75   | 5.711G         | 76   | 5.712G         |
| 77   | 5.359G         | 78   | 5.592G         | 79   | 5.624G         | 80   | 5.671G         |
| 81   | 5.545G         | 82   | 5.402G         | 83   | 5.445G         | 84   | 5.514G         |
| 85   | 5.549G         | 86   | 5.291G         | 87   | 5.317G         | 88   | 5.299G         |
| 89   | 5.501G         | 90   | 5.554G         | 91   | 5.293G         | 92   | 5.285G         |
| 93   | 5.546G         | 94   | 5.253G         | 95   | 5.379G         | 96   | 5.551G         |
| 97   | 5.350G         | 98   | 5.550G         | 99   | 5.447G         | 100  | 5.358G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_02

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.376G         | 2    | 5.709G         | 3    | 5.610G         | 4    | 5.380G         |
| 5    | 5.421G         | 6    | 5.506G         | 7    | 5.294G         | 8    | 5.373G         |
| 9    | 5.669G         | 10   | 5.716G         | 11   | 5.589G         | 12   | 5.307G         |
| 13   | 5.429G         | 14   | 5.651G         | 15   | 5.275G         | 16   | 5.478G         |
| 17   | 5.720G         | 18   | 5.667G         | 19   | 5.272G         | 20   | 5.534G         |
| 21   | 5.629G         | 22   | 5.405G         | 23   | 5.447G         | 24   | 5.543G         |
| 25   | 5.495G         | 26   | 5.279G         | 27   | 5.719G         | 28   | 5.444G         |
| 29   | 5.578G         | 30   | 5.512G         | 31   | 5.408G         | 32   | 5.250G         |
| 33   | 5.263G         | 34   | 5.372G         | 35   | 5.295G         | 36   | 5.433G         |
| 37   | 5.445G         | 38   | 5.586G         | 39   | 5.609G         | 40   | 5.381G         |
| 41   | 5.661G         | 42   | 5.655G         | 43   | 5.469G         | 44   | 5.273G         |
| 45   | 5.497G         | 46   | 5.717G         | 47   | 5.356G         | 48   | 5.611G         |
| 49   | 5.422G         | 50   | 5.439G         | 51   | 5.620G         | 52   | 5.260G         |
| 53   | 5.350G         | 54   | 5.282G         | 55   | 5.666G         | 56   | 5.701G         |
| 57   | 5.575G         | 58   | 5.633G         | 59   | 5.472G         | 60   | 5.367G         |
| 61   | 5.454G         | 62   | 5.416G         | 63   | 5.508G         | 64   | 5.340G         |
| 65   | 5.718G         | 66   | 5.561G         | 67   | 5.283G         | 68   | 5.274G         |
| 69   | 5.514G         | 70   | 5.568G         | 71   | 5.361G         | 72   | 5.605G         |
| 73   | 5.715G         | 74   | 5.639G         | 75   | 5.576G         | 76   | 5.658G         |
| 77   | 5.379G         | 78   | 5.300G         | 79   | 5.482G         | 80   | 5.311G         |
| 81   | 5.265G         | 82   | 5.501G         | 83   | 5.523G         | 84   | 5.480G         |
| 85   | 5.479G         | 86   | 5.722G         | 87   | 5.335G         | 88   | 5.359G         |
| 89   | 5.413G         | 90   | 5.425G         | 91   | 5.516G         | 92   | 5.532G         |
| 93   | 5.407G         | 94   | 5.343G         | 95   | 5.419G         | 96   | 5.703G         |
| 97   | 5.711G         | 98   | 5.527G         | 99   | 5.695G         | 100  | 5.546G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_03 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.357G         | 2    | 5.382G         | 3    | 5.464G         | 4    | 5.556G         |
| 5                                                | 5.456G         | 6    | 5.458G         | 7    | 5.300G         | 8    | 5.616G         |
| 9                                                | 5.582G         | 10   | 5.499G         | 11   | 5.618G         | 12   | 5.402G         |
| 13                                               | 5.250G         | 14   | 5.684G         | 15   | 5.620G         | 16   | 5.723G         |
| 17                                               | 5.265G         | 18   | 5.379G         | 19   | 5.632G         | 20   | 5.486G         |
| 21                                               | 5.606G         | 22   | 5.496G         | 23   | 5.507G         | 24   | 5.411G         |
| 25                                               | 5.598G         | 26   | 5.435G         | 27   | 5.587G         | 28   | 5.373G         |
| 29                                               | 5.381G         | 30   | 5.344G         | 31   | 5.672G         | 32   | 5.480G         |
| 33                                               | 5.455G         | 34   | 5.296G         | 35   | 5.715G         | 36   | 5.409G         |
| 37                                               | 5.371G         | 38   | 5.539G         | 39   | 5.336G         | 40   | 5.557G         |
| 41                                               | 5.506G         | 42   | 5.254G         | 43   | 5.669G         | 44   | 5.405G         |
| 45                                               | 5.420G         | 46   | 5.714G         | 47   | 5.528G         | 48   | 5.701G         |
| 49                                               | 5.363G         | 50   | 5.626G         | 51   | 5.438G         | 52   | 5.542G         |
| 53                                               | 5.685G         | 54   | 5.568G         | 55   | 5.599G         | 56   | 5.595G         |
| 57                                               | 5.299G         | 58   | 5.580G         | 59   | 5.416G         | 60   | 5.372G         |
| 61                                               | 5.312G         | 62   | 5.629G         | 63   | 5.561G         | 64   | 5.393G         |
| 65                                               | 5.307G         | 66   | 5.313G         | 67   | 5.414G         | 68   | 5.417G         |
| 69                                               | 5.696G         | 70   | 5.719G         | 71   | 5.690G         | 72   | 5.627G         |
| 73                                               | 5.617G         | 74   | 5.636G         | 75   | 5.404G         | 76   | 5.593G         |
| 77                                               | 5.678G         | 78   | 5.399G         | 79   | 5.491G         | 80   | 5.304G         |
| 81                                               | 5.643G         | 82   | 5.608G         | 83   | 5.392G         | 84   | 5.263G         |
| 85                                               | 5.589G         | 86   | 5.466G         | 87   | 5.425G         | 88   | 5.553G         |
| 89                                               | 5.707G         | 90   | 5.453G         | 91   | 5.332G         | 92   | 5.590G         |
| 93                                               | 5.594G         | 94   | 5.272G         | 95   | 5.328G         | 96   | 5.708G         |
| 97                                               | 5.449G         | 98   | 5.298G         | 99   | 5.348G         | 100  | 5.365G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_04

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.665G         | 2    | 5.500G         | 3    | 5.273G         | 4    | 5.495G         |
| 5    | 5.656G         | 6    | 5.481G         | 7    | 5.396G         | 8    | 5.355G         |
| 9    | 5.567G         | 10   | 5.431G         | 11   | 5.337G         | 12   | 5.473G         |
| 13   | 5.504G         | 14   | 5.320G         | 15   | 5.520G         | 16   | 5.685G         |
| 17   | 5.574G         | 18   | 5.638G         | 19   | 5.477G         | 20   | 5.306G         |
| 21   | 5.357G         | 22   | 5.255G         | 23   | 5.679G         | 24   | 5.258G         |
| 25   | 5.720G         | 26   | 5.564G         | 27   | 5.523G         | 28   | 5.696G         |
| 29   | 5.445G         | 30   | 5.290G         | 31   | 5.503G         | 32   | 5.681G         |
| 33   | 5.310G         | 34   | 5.446G         | 35   | 5.385G         | 36   | 5.551G         |
| 37   | 5.578G         | 38   | 5.279G         | 39   | 5.457G         | 40   | 5.430G         |
| 41   | 5.484G         | 42   | 5.657G         | 43   | 5.558G         | 44   | 5.518G         |
| 45   | 5.709G         | 46   | 5.492G         | 47   | 5.552G         | 48   | 5.597G         |
| 49   | 5.710G         | 50   | 5.527G         | 51   | 5.605G         | 52   | 5.266G         |
| 53   | 5.331G         | 54   | 5.300G         | 55   | 5.704G         | 56   | 5.667G         |
| 57   | 5.405G         | 58   | 5.352G         | 59   | 5.723G         | 60   | 5.269G         |
| 61   | 5.475G         | 62   | 5.659G         | 63   | 5.347G         | 64   | 5.555G         |
| 65   | 5.458G         | 66   | 5.628G         | 67   | 5.722G         | 68   | 5.646G         |
| 69   | 5.630G         | 70   | 5.340G         | 71   | 5.448G         | 72   | 5.391G         |
| 73   | 5.435G         | 74   | 5.612G         | 75   | 5.272G         | 76   | 5.314G         |
| 77   | 5.327G         | 78   | 5.476G         | 79   | 5.386G         | 80   | 5.381G         |
| 81   | 5.617G         | 82   | 5.443G         | 83   | 5.345G         | 84   | 5.607G         |
| 85   | 5.631G         | 86   | 5.374G         | 87   | 5.260G         | 88   | 5.261G         |
| 89   | 5.714G         | 90   | 5.287G         | 91   | 5.680G         | 92   | 5.451G         |
| 93   | 5.541G         | 94   | 5.265G         | 95   | 5.294G         | 96   | 5.399G         |
| 97   | 5.377G         | 98   | 5.432G         | 99   | 5.307G         | 100  | 5.707G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_05

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.388G         | 2    | 5.353G         | 3    | 5.492G         | 4    | 5.545G         |
| 5    | 5.604G         | 6    | 5.585G         | 7    | 5.355G         | 8    | 5.720G         |
| 9    | 5.570G         | 10   | 5.403G         | 11   | 5.454G         | 12   | 5.258G         |
| 13   | 5.326G         | 14   | 5.573G         | 15   | 5.342G         | 16   | 5.562G         |
| 17   | 5.327G         | 18   | 5.348G         | 19   | 5.634G         | 20   | 5.499G         |
| 21   | 5.537G         | 22   | 5.451G         | 23   | 5.554G         | 24   | 5.260G         |
| 25   | 5.672G         | 26   | 5.627G         | 27   | 5.300G         | 28   | 5.712G         |
| 29   | 5.268G         | 30   | 5.603G         | 31   | 5.558G         | 32   | 5.387G         |
| 33   | 5.669G         | 34   | 5.619G         | 35   | 5.701G         | 36   | 5.504G         |
| 37   | 5.675G         | 38   | 5.709G         | 39   | 5.394G         | 40   | 5.589G         |
| 41   | 5.312G         | 42   | 5.459G         | 43   | 5.686G         | 44   | 5.599G         |
| 45   | 5.722G         | 46   | 5.445G         | 47   | 5.255G         | 48   | 5.270G         |
| 49   | 5.616G         | 50   | 5.567G         | 51   | 5.252G         | 52   | 5.430G         |
| 53   | 5.421G         | 54   | 5.310G         | 55   | 5.593G         | 56   | 5.569G         |
| 57   | 5.291G         | 58   | 5.611G         | 59   | 5.439G         | 60   | 5.356G         |
| 61   | 5.704G         | 62   | 5.538G         | 63   | 5.346G         | 64   | 5.607G         |
| 65   | 5.267G         | 66   | 5.295G         | 67   | 5.651G         | 68   | 5.527G         |
| 69   | 5.621G         | 70   | 5.311G         | 71   | 5.695G         | 72   | 5.697G         |
| 73   | 5.413G         | 74   | 5.693G         | 75   | 5.340G         | 76   | 5.673G         |
| 77   | 5.516G         | 78   | 5.321G         | 79   | 5.706G         | 80   | 5.333G         |
| 81   | 5.638G         | 82   | 5.301G         | 83   | 5.515G         | 84   | 5.389G         |
| 85   | 5.602G         | 86   | 5.698G         | 87   | 5.415G         | 88   | 5.369G         |
| 89   | 5.436G         | 90   | 5.711G         | 91   | 5.262G         | 92   | 5.650G         |
| 93   | 5.450G         | 94   | 5.419G         | 95   | 5.580G         | 96   | 5.282G         |
| 97   | 5.305G         | 98   | 5.618G         | 99   | 5.399G         | 100  | 5.581G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_06

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.501G         | 2    | 5.702G         | 3    | 5.543G         | 4    | 5.629G         |
| 5    | 5.576G         | 6    | 5.687G         | 7    | 5.402G         | 8    | 5.504G         |
| 9    | 5.487G         | 10   | 5.293G         | 11   | 5.266G         | 12   | 5.562G         |
| 13   | 5.276G         | 14   | 5.282G         | 15   | 5.531G         | 16   | 5.535G         |
| 17   | 5.649G         | 18   | 5.361G         | 19   | 5.430G         | 20   | 5.529G         |
| 21   | 5.485G         | 22   | 5.523G         | 23   | 5.723G         | 24   | 5.471G         |
| 25   | 5.719G         | 26   | 5.253G         | 27   | 5.257G         | 28   | 5.414G         |
| 29   | 5.601G         | 30   | 5.621G         | 31   | 5.579G         | 32   | 5.600G         |
| 33   | 5.708G         | 34   | 5.469G         | 35   | 5.566G         | 36   | 5.552G         |
| 37   | 5.653G         | 38   | 5.612G         | 39   | 5.306G         | 40   | 5.557G         |
| 41   | 5.550G         | 42   | 5.321G         | 43   | 5.682G         | 44   | 5.415G         |
| 45   | 5.305G         | 46   | 5.505G         | 47   | 5.701G         | 48   | 5.433G         |
| 49   | 5.657G         | 50   | 5.404G         | 51   | 5.551G         | 52   | 5.545G         |
| 53   | 5.264G         | 54   | 5.339G         | 55   | 5.685G         | 56   | 5.442G         |
| 57   | 5.399G         | 58   | 5.636G         | 59   | 5.556G         | 60   | 5.525G         |
| 61   | 5.381G         | 62   | 5.666G         | 63   | 5.420G         | 64   | 5.389G         |
| 65   | 5.628G         | 66   | 5.397G         | 67   | 5.617G         | 68   | 5.400G         |
| 69   | 5.313G         | 70   | 5.391G         | 71   | 5.440G         | 72   | 5.615G         |
| 73   | 5.474G         | 74   | 5.307G         | 75   | 5.463G         | 76   | 5.611G         |
| 77   | 5.398G         | 78   | 5.340G         | 79   | 5.534G         | 80   | 5.330G         |
| 81   | 5.546G         | 82   | 5.284G         | 83   | 5.537G         | 84   | 5.625G         |
| 85   | 5.296G         | 86   | 5.259G         | 87   | 5.299G         | 88   | 5.401G         |
| 89   | 5.382G         | 90   | 5.547G         | 91   | 5.492G         | 92   | 5.518G         |
| 93   | 5.443G         | 94   | 5.376G         | 95   | 5.457G         | 96   | 5.473G         |
| 97   | 5.470G         | 98   | 5.539G         | 99   | 5.603G         | 100  | 5.290G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_07

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.471G         | 2    | 5.572G         | 3    | 5.333G         | 4    | 5.307G         |
| 5    | 5.392G         | 6    | 5.555G         | 7    | 5.469G         | 8    | 5.531G         |
| 9    | 5.523G         | 10   | 5.339G         | 11   | 5.686G         | 12   | 5.538G         |
| 13   | 5.512G         | 14   | 5.520G         | 15   | 5.713G         | 16   | 5.621G         |
| 17   | 5.660G         | 18   | 5.434G         | 19   | 5.613G         | 20   | 5.430G         |
| 21   | 5.387G         | 22   | 5.589G         | 23   | 5.273G         | 24   | 5.385G         |
| 25   | 5.299G         | 26   | 5.619G         | 27   | 5.458G         | 28   | 5.563G         |
| 29   | 5.679G         | 30   | 5.446G         | 31   | 5.399G         | 32   | 5.321G         |
| 33   | 5.297G         | 34   | 5.647G         | 35   | 5.432G         | 36   | 5.668G         |
| 37   | 5.271G         | 38   | 5.503G         | 39   | 5.353G         | 40   | 5.290G         |
| 41   | 5.376G         | 42   | 5.326G         | 43   | 5.500G         | 44   | 5.675G         |
| 45   | 5.316G         | 46   | 5.580G         | 47   | 5.501G         | 48   | 5.677G         |
| 49   | 5.554G         | 50   | 5.415G         | 51   | 5.709G         | 52   | 5.498G         |
| 53   | 5.528G         | 54   | 5.288G         | 55   | 5.449G         | 56   | 5.630G         |
| 57   | 5.417G         | 58   | 5.536G         | 59   | 5.255G         | 60   | 5.639G         |
| 61   | 5.669G         | 62   | 5.482G         | 63   | 5.324G         | 64   | 5.591G         |
| 65   | 5.452G         | 66   | 5.502G         | 67   | 5.567G         | 68   | 5.542G         |
| 69   | 5.251G         | 70   | 5.718G         | 71   | 5.436G         | 72   | 5.695G         |
| 73   | 5.348G         | 74   | 5.525G         | 75   | 5.358G         | 76   | 5.466G         |
| 77   | 5.470G         | 78   | 5.712G         | 79   | 5.314G         | 80   | 5.394G         |
| 81   | 5.263G         | 82   | 5.391G         | 83   | 5.625G         | 84   | 5.483G         |
| 85   | 5.666G         | 86   | 5.537G         | 87   | 5.517G         | 88   | 5.653G         |
| 89   | 5.429G         | 90   | 5.305G         | 91   | 5.607G         | 92   | 5.298G         |
| 93   | 5.284G         | 94   | 5.687G         | 95   | 5.426G         | 96   | 5.623G         |
| 97   | 5.453G         | 98   | 5.388G         | 99   | 5.673G         | 100  | 5.608G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_08

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.673G         | 2    | 5.401G         | 3    | 5.697G         | 4    | 5.716G         |
| 5    | 5.619G         | 6    | 5.251G         | 7    | 5.708G         | 8    | 5.499G         |
| 9    | 5.294G         | 10   | 5.565G         | 11   | 5.300G         | 12   | 5.593G         |
| 13   | 5.567G         | 14   | 5.549G         | 15   | 5.581G         | 16   | 5.598G         |
| 17   | 5.364G         | 18   | 5.571G         | 19   | 5.720G         | 20   | 5.589G         |
| 21   | 5.486G         | 22   | 5.534G         | 23   | 5.301G         | 24   | 5.569G         |
| 25   | 5.487G         | 26   | 5.652G         | 27   | 5.703G         | 28   | 5.586G         |
| 29   | 5.426G         | 30   | 5.509G         | 31   | 5.514G         | 32   | 5.525G         |
| 33   | 5.590G         | 34   | 5.453G         | 35   | 5.513G         | 36   | 5.685G         |
| 37   | 5.398G         | 38   | 5.602G         | 39   | 5.632G         | 40   | 5.377G         |
| 41   | 5.459G         | 42   | 5.664G         | 43   | 5.686G         | 44   | 5.408G         |
| 45   | 5.292G         | 46   | 5.307G         | 47   | 5.706G         | 48   | 5.387G         |
| 49   | 5.696G         | 50   | 5.298G         | 51   | 5.717G         | 52   | 5.721G         |
| 53   | 5.478G         | 54   | 5.381G         | 55   | 5.563G         | 56   | 5.468G         |
| 57   | 5.416G         | 58   | 5.325G         | 59   | 5.382G         | 60   | 5.680G         |
| 61   | 5.670G         | 62   | 5.681G         | 63   | 5.545G         | 64   | 5.316G         |
| 65   | 5.639G         | 66   | 5.614G         | 67   | 5.512G         | 68   | 5.419G         |
| 69   | 5.272G         | 70   | 5.302G         | 71   | 5.331G         | 72   | 5.659G         |
| 73   | 5.679G         | 74   | 5.526G         | 75   | 5.592G         | 76   | 5.576G         |
| 77   | 5.719G         | 78   | 5.397G         | 79   | 5.653G         | 80   | 5.551G         |
| 81   | 5.395G         | 82   | 5.353G         | 83   | 5.498G         | 84   | 5.405G         |
| 85   | 5.692G         | 86   | 5.374G         | 87   | 5.368G         | 88   | 5.434G         |
| 89   | 5.492G         | 90   | 5.271G         | 91   | 5.601G         | 92   | 5.273G         |
| 93   | 5.475G         | 94   | 5.322G         | 95   | 5.612G         | 96   | 5.350G         |
| 97   | 5.362G         | 98   | 5.517G         | 99   | 5.683G         | 100  | 5.712G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_09 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.263G         | 2    | 5.355G         | 3    | 5.702G         | 4    | 5.382G         |
| 5                                                | 5.577G         | 6    | 5.648G         | 7    | 5.265G         | 8    | 5.516G         |
| 9                                                | 5.491G         | 10   | 5.566G         | 11   | 5.692G         | 12   | 5.363G         |
| 13                                               | 5.319G         | 14   | 5.469G         | 15   | 5.448G         | 16   | 5.507G         |
| 17                                               | 5.414G         | 18   | 5.708G         | 19   | 5.348G         | 20   | 5.644G         |
| 21                                               | 5.620G         | 22   | 5.449G         | 23   | 5.314G         | 24   | 5.674G         |
| 25                                               | 5.597G         | 26   | 5.723G         | 27   | 5.389G         | 28   | 5.509G         |
| 29                                               | 5.353G         | 30   | 5.317G         | 31   | 5.675G         | 32   | 5.392G         |
| 33                                               | 5.574G         | 34   | 5.568G         | 35   | 5.352G         | 36   | 5.659G         |
| 37                                               | 5.250G         | 38   | 5.408G         | 39   | 5.704G         | 40   | 5.681G         |
| 41                                               | 5.256G         | 42   | 5.388G         | 43   | 5.718G         | 44   | 5.466G         |
| 45                                               | 5.661G         | 46   | 5.270G         | 47   | 5.432G         | 48   | 5.683G         |
| 49                                               | 5.299G         | 50   | 5.627G         | 51   | 5.506G         | 52   | 5.343G         |
| 53                                               | 5.486G         | 54   | 5.366G         | 55   | 5.385G         | 56   | 5.406G         |
| 57                                               | 5.713G         | 58   | 5.709G         | 59   | 5.641G         | 60   | 5.714G         |
| 61                                               | 5.647G         | 62   | 5.460G         | 63   | 5.360G         | 64   | 5.544G         |
| 65                                               | 5.259G         | 66   | 5.722G         | 67   | 5.273G         | 68   | 5.457G         |
| 69                                               | 5.344G         | 70   | 5.303G         | 71   | 5.576G         | 72   | 5.498G         |
| 73                                               | 5.422G         | 74   | 5.439G         | 75   | 5.587G         | 76   | 5.454G         |
| 77                                               | 5.435G         | 78   | 5.676G         | 79   | 5.415G         | 80   | 5.285G         |
| 81                                               | 5.578G         | 82   | 5.545G         | 83   | 5.412G         | 84   | 5.624G         |
| 85                                               | 5.417G         | 86   | 5.530G         | 87   | 5.667G         | 88   | 5.338G         |
| 89                                               | 5.612G         | 90   | 5.266G         | 91   | 5.337G         | 92   | 5.476G         |
| 93                                               | 5.588G         | 94   | 5.690G         | 95   | 5.345G         | 96   | 5.482G         |
| 97                                               | 5.444G         | 98   | 5.295G         | 99   | 5.419G         | 100  | 5.426G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_10

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.302G         | 2    | 5.691G         | 3    | 5.421G         | 4    | 5.695G         |
| 5    | 5.673G         | 6    | 5.539G         | 7    | 5.484G         | 8    | 5.367G         |
| 9    | 5.665G         | 10   | 5.344G         | 11   | 5.590G         | 12   | 5.321G         |
| 13   | 5.305G         | 14   | 5.292G         | 15   | 5.576G         | 16   | 5.718G         |
| 17   | 5.328G         | 18   | 5.573G         | 19   | 5.361G         | 20   | 5.331G         |
| 21   | 5.708G         | 22   | 5.516G         | 23   | 5.338G         | 24   | 5.629G         |
| 25   | 5.680G         | 26   | 5.415G         | 27   | 5.351G         | 28   | 5.264G         |
| 29   | 5.528G         | 30   | 5.488G         | 31   | 5.561G         | 32   | 5.541G         |
| 33   | 5.563G         | 34   | 5.723G         | 35   | 5.411G         | 36   | 5.591G         |
| 37   | 5.621G         | 38   | 5.668G         | 39   | 5.659G         | 40   | 5.623G         |
| 41   | 5.323G         | 42   | 5.373G         | 43   | 5.630G         | 44   | 5.538G         |
| 45   | 5.717G         | 46   | 5.453G         | 47   | 5.451G         | 48   | 5.520G         |
| 49   | 5.505G         | 50   | 5.575G         | 51   | 5.641G         | 52   | 5.554G         |
| 53   | 5.587G         | 54   | 5.669G         | 55   | 5.314G         | 56   | 5.420G         |
| 57   | 5.645G         | 58   | 5.459G         | 59   | 5.664G         | 60   | 5.329G         |
| 61   | 5.567G         | 62   | 5.464G         | 63   | 5.359G         | 64   | 5.706G         |
| 65   | 5.596G         | 66   | 5.434G         | 67   | 5.482G         | 68   | 5.313G         |
| 69   | 5.676G         | 70   | 5.529G         | 71   | 5.369G         | 72   | 5.504G         |
| 73   | 5.388G         | 74   | 5.315G         | 75   | 5.435G         | 76   | 5.483G         |
| 77   | 5.282G         | 78   | 5.704G         | 79   | 5.337G         | 80   | 5.307G         |
| 81   | 5.465G         | 82   | 5.412G         | 83   | 5.477G         | 84   | 5.372G         |
| 85   | 5.447G         | 86   | 5.322G         | 87   | 5.617G         | 88   | 5.707G         |
| 89   | 5.506G         | 90   | 5.310G         | 91   | 5.517G         | 92   | 5.527G         |
| 93   | 5.526G         | 94   | 5.425G         | 95   | 5.709G         | 96   | 5.386G         |
| 97   | 5.540G         | 98   | 5.259G         | 99   | 5.558G         | 100  | 5.345G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_11

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.654G         | 2    | 5.398G         | 3    | 5.470G         | 4    | 5.660G         |
| 5    | 5.519G         | 6    | 5.321G         | 7    | 5.527G         | 8    | 5.513G         |
| 9    | 5.293G         | 10   | 5.600G         | 11   | 5.440G         | 12   | 5.302G         |
| 13   | 5.363G         | 14   | 5.491G         | 15   | 5.637G         | 16   | 5.450G         |
| 17   | 5.457G         | 18   | 5.683G         | 19   | 5.390G         | 20   | 5.535G         |
| 21   | 5.388G         | 22   | 5.546G         | 23   | 5.472G         | 24   | 5.534G         |
| 25   | 5.386G         | 26   | 5.595G         | 27   | 5.543G         | 28   | 5.394G         |
| 29   | 5.471G         | 30   | 5.320G         | 31   | 5.634G         | 32   | 5.458G         |
| 33   | 5.719G         | 34   | 5.566G         | 35   | 5.407G         | 36   | 5.677G         |
| 37   | 5.565G         | 38   | 5.524G         | 39   | 5.716G         | 40   | 5.681G         |
| 41   | 5.718G         | 42   | 5.486G         | 43   | 5.496G         | 44   | 5.709G         |
| 45   | 5.481G         | 46   | 5.482G         | 47   | 5.655G         | 48   | 5.572G         |
| 49   | 5.377G         | 50   | 5.704G         | 51   | 5.373G         | 52   | 5.528G         |
| 53   | 5.706G         | 54   | 5.666G         | 55   | 5.622G         | 56   | 5.614G         |
| 57   | 5.627G         | 58   | 5.349G         | 59   | 5.515G         | 60   | 5.422G         |
| 61   | 5.501G         | 62   | 5.617G         | 63   | 5.253G         | 64   | 5.281G         |
| 65   | 5.287G         | 66   | 5.526G         | 67   | 5.542G         | 68   | 5.673G         |
| 69   | 5.261G         | 70   | 5.498G         | 71   | 5.435G         | 72   | 5.480G         |
| 73   | 5.705G         | 74   | 5.668G         | 75   | 5.618G         | 76   | 5.536G         |
| 77   | 5.484G         | 78   | 5.529G         | 79   | 5.343G         | 80   | 5.374G         |
| 81   | 5.339G         | 82   | 5.552G         | 83   | 5.478G         | 84   | 5.475G         |
| 85   | 5.446G         | 86   | 5.329G         | 87   | 5.620G         | 88   | 5.447G         |
| 89   | 5.341G         | 90   | 5.304G         | 91   | 5.588G         | 92   | 5.591G         |
| 93   | 5.477G         | 94   | 5.664G         | 95   | 5.334G         | 96   | 5.357G         |
| 97   | 5.667G         | 98   | 5.579G         | 99   | 5.506G         | 100  | 5.412G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_12

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.675G         | 2    | 5.480G         | 3    | 5.267G         | 4    | 5.630G         |
| 5    | 5.596G         | 6    | 5.633G         | 7    | 5.253G         | 8    | 5.317G         |
| 9    | 5.273G         | 10   | 5.362G         | 11   | 5.522G         | 12   | 5.594G         |
| 13   | 5.642G         | 14   | 5.547G         | 15   | 5.503G         | 16   | 5.672G         |
| 17   | 5.449G         | 18   | 5.316G         | 19   | 5.569G         | 20   | 5.555G         |
| 21   | 5.498G         | 22   | 5.710G         | 23   | 5.722G         | 24   | 5.682G         |
| 25   | 5.308G         | 26   | 5.598G         | 27   | 5.276G         | 28   | 5.495G         |
| 29   | 5.493G         | 30   | 5.593G         | 31   | 5.643G         | 32   | 5.377G         |
| 33   | 5.670G         | 34   | 5.294G         | 35   | 5.369G         | 36   | 5.714G         |
| 37   | 5.516G         | 38   | 5.648G         | 39   | 5.357G         | 40   | 5.621G         |
| 41   | 5.264G         | 42   | 5.261G         | 43   | 5.504G         | 44   | 5.392G         |
| 45   | 5.295G         | 46   | 5.334G         | 47   | 5.439G         | 48   | 5.305G         |
| 49   | 5.581G         | 50   | 5.624G         | 51   | 5.272G         | 52   | 5.297G         |
| 53   | 5.488G         | 54   | 5.629G         | 55   | 5.304G         | 56   | 5.368G         |
| 57   | 5.391G         | 58   | 5.379G         | 59   | 5.274G         | 60   | 5.263G         |
| 61   | 5.687G         | 62   | 5.285G         | 63   | 5.639G         | 64   | 5.347G         |
| 65   | 5.640G         | 66   | 5.579G         | 67   | 5.278G         | 68   | 5.705G         |
| 69   | 5.491G         | 70   | 5.250G         | 71   | 5.592G         | 72   | 5.344G         |
| 73   | 5.560G         | 74   | 5.321G         | 75   | 5.646G         | 76   | 5.563G         |
| 77   | 5.339G         | 78   | 5.453G         | 79   | 5.677G         | 80   | 5.507G         |
| 81   | 5.605G         | 82   | 5.617G         | 83   | 5.389G         | 84   | 5.462G         |
| 85   | 5.378G         | 86   | 5.390G         | 87   | 5.583G         | 88   | 5.469G         |
| 89   | 5.338G         | 90   | 5.568G         | 91   | 5.448G         | 92   | 5.329G         |
| 93   | 5.388G         | 94   | 5.380G         | 95   | 5.564G         | 96   | 5.418G         |
| 97   | 5.668G         | 98   | 5.303G         | 99   | 5.693G         | 100  | 5.404G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_13 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.553G         | 2    | 5.630G         | 3    | 5.296G         | 4    | 5.685G         |
| 5                                                | 5.719G         | 6    | 5.441G         | 7    | 5.582G         | 8    | 5.386G         |
| 9                                                | 5.563G         | 10   | 5.689G         | 11   | 5.663G         | 12   | 5.610G         |
| 13                                               | 5.456G         | 14   | 5.352G         | 15   | 5.524G         | 16   | 5.586G         |
| 17                                               | 5.435G         | 18   | 5.270G         | 19   | 5.353G         | 20   | 5.534G         |
| 21                                               | 5.575G         | 22   | 5.470G         | 23   | 5.465G         | 24   | 5.671G         |
| 25                                               | 5.278G         | 26   | 5.604G         | 27   | 5.406G         | 28   | 5.475G         |
| 29                                               | 5.652G         | 30   | 5.550G         | 31   | 5.381G         | 32   | 5.443G         |
| 33                                               | 5.531G         | 34   | 5.307G         | 35   | 5.411G         | 36   | 5.634G         |
| 37                                               | 5.412G         | 38   | 5.568G         | 39   | 5.709G         | 40   | 5.626G         |
| 41                                               | 5.339G         | 42   | 5.621G         | 43   | 5.469G         | 44   | 5.327G         |
| 45                                               | 5.560G         | 46   | 5.501G         | 47   | 5.362G         | 48   | 5.314G         |
| 49                                               | 5.640G         | 50   | 5.667G         | 51   | 5.650G         | 52   | 5.710G         |
| 53                                               | 5.287G         | 54   | 5.544G         | 55   | 5.500G         | 56   | 5.617G         |
| 57                                               | 5.419G         | 58   | 5.334G         | 59   | 5.683G         | 60   | 5.533G         |
| 61                                               | 5.678G         | 62   | 5.447G         | 63   | 5.497G         | 64   | 5.715G         |
| 65                                               | 5.397G         | 66   | 5.356G         | 67   | 5.450G         | 68   | 5.658G         |
| 69                                               | 5.257G         | 70   | 5.618G         | 71   | 5.635G         | 72   | 5.696G         |
| 73                                               | 5.448G         | 74   | 5.371G         | 75   | 5.514G         | 76   | 5.579G         |
| 77                                               | 5.496G         | 78   | 5.439G         | 79   | 5.330G         | 80   | 5.250G         |
| 81                                               | 5.698G         | 82   | 5.482G         | 83   | 5.651G         | 84   | 5.564G         |
| 85                                               | 5.429G         | 86   | 5.494G         | 87   | 5.616G         | 88   | 5.676G         |
| 89                                               | 5.251G         | 90   | 5.253G         | 91   | 5.272G         | 92   | 5.644G         |
| 93                                               | 5.393G         | 94   | 5.628G         | 95   | 5.313G         | 96   | 5.665G         |
| 97                                               | 5.446G         | 98   | 5.624G         | 99   | 5.389G         | 100  | 5.484G         |

Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_14

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.580G         | 2    | 5.447G         | 3    | 5.392G         | 4    | 5.691G         |
| 5    | 5.576G         | 6    | 5.444G         | 7    | 5.397G         | 8    | 5.477G         |
| 9    | 5.296G         | 10   | 5.288G         | 11   | 5.323G         | 12   | 5.608G         |
| 13   | 5.325G         | 14   | 5.313G         | 15   | 5.307G         | 16   | 5.350G         |
| 17   | 5.345G         | 18   | 5.396G         | 19   | 5.367G         | 20   | 5.648G         |
| 21   | 5.717G         | 22   | 5.577G         | 23   | 5.373G         | 24   | 5.401G         |
| 25   | 5.537G         | 26   | 5.438G         | 27   | 5.375G         | 28   | 5.689G         |
| 29   | 5.501G         | 30   | 5.498G         | 31   | 5.380G         | 32   | 5.439G         |
| 33   | 5.340G         | 34   | 5.645G         | 35   | 5.348G         | 36   | 5.636G         |
| 37   | 5.533G         | 38   | 5.437G         | 39   | 5.329G         | 40   | 5.291G         |
| 41   | 5.363G         | 42   | 5.278G         | 43   | 5.298G         | 44   | 5.255G         |
| 45   | 5.667G         | 46   | 5.379G         | 47   | 5.626G         | 48   | 5.354G         |
| 49   | 5.374G         | 50   | 5.364G         | 51   | 5.299G         | 52   | 5.552G         |
| 53   | 5.609G         | 54   | 5.459G         | 55   | 5.508G         | 56   | 5.516G         |
| 57   | 5.641G         | 58   | 5.446G         | 59   | 5.661G         | 60   | 5.700G         |
| 61   | 5.633G         | 62   | 5.346G         | 63   | 5.337G         | 64   | 5.642G         |
| 65   | 5.388G         | 66   | 5.265G         | 67   | 5.586G         | 68   | 5.435G         |
| 69   | 5.318G         | 70   | 5.674G         | 71   | 5.623G         | 72   | 5.594G         |
| 73   | 5.272G         | 74   | 5.680G         | 75   | 5.565G         | 76   | 5.721G         |
| 77   | 5.341G         | 78   | 5.338G         | 79   | 5.562G         | 80   | 5.409G         |
| 81   | 5.614G         | 82   | 5.369G         | 83   | 5.475G         | 84   | 5.544G         |
| 85   | 5.649G         | 86   | 5.411G         | 87   | 5.327G         | 88   | 5.651G         |
| 89   | 5.500G         | 90   | 5.520G         | 91   | 5.257G         | 92   | 5.551G         |
| 93   | 5.583G         | 94   | 5.424G         | 95   | 5.541G         | 96   | 5.723G         |
| 97   | 5.601G         | 98   | 5.322G         | 99   | 5.620G         | 100  | 5.557G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_15

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.634G         | 2    | 5.567G         | 3    | 5.338G         | 4    | 5.557G         |
| 5    | 5.457G         | 6    | 5.390G         | 7    | 5.337G         | 8    | 5.443G         |
| 9    | 5.667G         | 10   | 5.418G         | 11   | 5.452G         | 12   | 5.349G         |
| 13   | 5.485G         | 14   | 5.437G         | 15   | 5.287G         | 16   | 5.377G         |
| 17   | 5.324G         | 18   | 5.583G         | 19   | 5.306G         | 20   | 5.578G         |
| 21   | 5.712G         | 22   | 5.684G         | 23   | 5.588G         | 24   | 5.343G         |
| 25   | 5.267G         | 26   | 5.657G         | 27   | 5.651G         | 28   | 5.496G         |
| 29   | 5.478G         | 30   | 5.671G         | 31   | 5.367G         | 32   | 5.462G         |
| 33   | 5.609G         | 34   | 5.624G         | 35   | 5.255G         | 36   | 5.332G         |
| 37   | 5.399G         | 38   | 5.703G         | 39   | 5.385G         | 40   | 5.545G         |
| 41   | 5.436G         | 42   | 5.266G         | 43   | 5.469G         | 44   | 5.560G         |
| 45   | 5.273G         | 46   | 5.431G         | 47   | 5.401G         | 48   | 5.600G         |
| 49   | 5.364G         | 50   | 5.687G         | 51   | 5.561G         | 52   | 5.625G         |
| 53   | 5.284G         | 54   | 5.468G         | 55   | 5.422G         | 56   | 5.376G         |
| 57   | 5.497G         | 58   | 5.615G         | 59   | 5.659G         | 60   | 5.523G         |
| 61   | 5.341G         | 62   | 5.455G         | 63   | 5.409G         | 64   | 5.479G         |
| 65   | 5.481G         | 66   | 5.498G         | 67   | 5.280G         | 68   | 5.704G         |
| 69   | 5.713G         | 70   | 5.470G         | 71   | 5.366G         | 72   | 5.356G         |
| 73   | 5.416G         | 74   | 5.607G         | 75   | 5.256G         | 76   | 5.454G         |
| 77   | 5.275G         | 78   | 5.420G         | 79   | 5.421G         | 80   | 5.627G         |
| 81   | 5.714G         | 82   | 5.542G         | 83   | 5.281G         | 84   | 5.289G         |
| 85   | 5.359G         | 86   | 5.311G         | 87   | 5.573G         | 88   | 5.645G         |
| 89   | 5.623G         | 90   | 5.690G         | 91   | 5.296G         | 92   | 5.465G         |
| 93   | 5.373G         | 94   | 5.509G         | 95   | 5.369G         | 96   | 5.282G         |
| 97   | 5.372G         | 98   | 5.348G         | 99   | 5.547G         | 100  | 5.681G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_16 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.301G         | 2    | 5.473G         | 3    | 5.670G         | 4    | 5.364G         |
| 5                                                | 5.667G         | 6    | 5.471G         | 7    | 5.477G         | 8    | 5.508G         |
| 9                                                | 5.556G         | 10   | 5.320G         | 11   | 5.359G         | 12   | 5.558G         |
| 13                                               | 5.314G         | 14   | 5.581G         | 15   | 5.624G         | 16   | 5.656G         |
| 17                                               | 5.446G         | 18   | 5.502G         | 19   | 5.303G         | 20   | 5.361G         |
| 21                                               | 5.655G         | 22   | 5.485G         | 23   | 5.531G         | 24   | 5.406G         |
| 25                                               | 5.719G         | 26   | 5.565G         | 27   | 5.421G         | 28   | 5.657G         |
| 29                                               | 5.677G         | 30   | 5.307G         | 31   | 5.313G         | 32   | 5.537G         |
| 33                                               | 5.648G         | 34   | 5.542G         | 35   | 5.724G         | 36   | 5.689G         |
| 37                                               | 5.264G         | 38   | 5.611G         | 39   | 5.343G         | 40   | 5.405G         |
| 41                                               | 5.649G         | 42   | 5.414G         | 43   | 5.682G         | 44   | 5.325G         |
| 45                                               | 5.341G         | 46   | 5.296G         | 47   | 5.390G         | 48   | 5.614G         |
| 49                                               | 5.260G         | 50   | 5.567G         | 51   | 5.294G         | 52   | 5.444G         |
| 53                                               | 5.384G         | 54   | 5.275G         | 55   | 5.606G         | 56   | 5.460G         |
| 57                                               | 5.457G         | 58   | 5.373G         | 59   | 5.277G         | 60   | 5.713G         |
| 61                                               | 5.284G         | 62   | 5.602G         | 63   | 5.413G         | 64   | 5.478G         |
| 65                                               | 5.647G         | 66   | 5.544G         | 67   | 5.660G         | 68   | 5.626G         |
| 69                                               | 5.609G         | 70   | 5.439G         | 71   | 5.548G         | 72   | 5.358G         |
| 73                                               | 5.585G         | 74   | 5.643G         | 75   | 5.319G         | 76   | 5.597G         |
| 77                                               | 5.526G         | 78   | 5.554G         | 79   | 5.372G         | 80   | 5.493G         |
| 81                                               | 5.271G         | 82   | 5.340G         | 83   | 5.286G         | 84   | 5.506G         |
| 85                                               | 5.367G         | 86   | 5.662G         | 87   | 5.678G         | 88   | 5.467G         |
| 89                                               | 5.309G         | 90   | 5.424G         | 91   | 5.536G         | 92   | 5.632G         |
| 93                                               | 5.703G         | 94   | 5.386G         | 95   | 5.651G         | 96   | 5.570G         |
| 97                                               | 5.716G         | 98   | 5.253G         | 99   | 5.644G         | 100  | 5.491G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_17 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.291G         | 2    | 5.604G         | 3    | 5.711G         | 4    | 5.721G         |
| 5                                                | 5.310G         | 6    | 5.283G         | 7    | 5.413G         | 8    | 5.623G         |
| 9                                                | 5.595G         | 10   | 5.570G         | 11   | 5.603G         | 12   | 5.338G         |
| 13                                               | 5.416G         | 14   | 5.439G         | 15   | 5.432G         | 16   | 5.523G         |
| 17                                               | 5.428G         | 18   | 5.468G         | 19   | 5.334G         | 20   | 5.656G         |
| 21                                               | 5.387G         | 22   | 5.611G         | 23   | 5.608G         | 24   | 5.385G         |
| 25                                               | 5.687G         | 26   | 5.363G         | 27   | 5.622G         | 28   | 5.682G         |
| 29                                               | 5.503G         | 30   | 5.696G         | 31   | 5.565G         | 32   | 5.336G         |
| 33                                               | 5.449G         | 34   | 5.321G         | 35   | 5.396G         | 36   | 5.300G         |
| 37                                               | 5.620G         | 38   | 5.599G         | 39   | 5.456G         | 40   | 5.673G         |
| 41                                               | 5.712G         | 42   | 5.315G         | 43   | 5.355G         | 44   | 5.613G         |
| 45                                               | 5.636G         | 46   | 5.590G         | 47   | 5.312G         | 48   | 5.557G         |
| 49                                               | 5.305G         | 50   | 5.380G         | 51   | 5.605G         | 52   | 5.384G         |
| 53                                               | 5.463G         | 54   | 5.400G         | 55   | 5.451G         | 56   | 5.643G         |
| 57                                               | 5.264G         | 58   | 5.724G         | 59   | 5.415G         | 60   | 5.640G         |
| 61                                               | 5.316G         | 62   | 5.579G         | 63   | 5.267G         | 64   | 5.375G         |
| 65                                               | 5.671G         | 66   | 5.547G         | 67   | 5.391G         | 68   | 5.318G         |
| 69                                               | 5.619G         | 70   | 5.537G         | 71   | 5.342G         | 72   | 5.271G         |
| 73                                               | 5.661G         | 74   | 5.542G         | 75   | 5.669G         | 76   | 5.710G         |
| 77                                               | 5.574G         | 78   | 5.586G         | 79   | 5.524G         | 80   | 5.378G         |
| 81                                               | 5.659G         | 82   | 5.423G         | 83   | 5.644G         | 84   | 5.258G         |
| 85                                               | 5.268G         | 86   | 5.377G         | 87   | 5.462G         | 88   | 5.529G         |
| 89                                               | 5.577G         | 90   | 5.684G         | 91   | 5.628G         | 92   | 5.648G         |
| 93                                               | 5.703G         | 94   | 5.543G         | 95   | 5.641G         | 96   | 5.531G         |
| 97                                               | 5.361G         | 98   | 5.365G         | 99   | 5.297G         | 100  | 5.362G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_18 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.521G         | 2    | 5.365G         | 3    | 5.664G         | 4    | 5.548G         |
| 5                                                | 5.281G         | 6    | 5.534G         | 7    | 5.546G         | 8    | 5.276G         |
| 9                                                | 5.275G         | 10   | 5.292G         | 11   | 5.301G         | 12   | 5.597G         |
| 13                                               | 5.316G         | 14   | 5.595G         | 15   | 5.667G         | 16   | 5.641G         |
| 17                                               | 5.589G         | 18   | 5.269G         | 19   | 5.619G         | 20   | 5.611G         |
| 21                                               | 5.399G         | 22   | 5.274G         | 23   | 5.508G         | 24   | 5.333G         |
| 25                                               | 5.307G         | 26   | 5.605G         | 27   | 5.699G         | 28   | 5.604G         |
| 29                                               | 5.474G         | 30   | 5.435G         | 31   | 5.551G         | 32   | 5.693G         |
| 33                                               | 5.253G         | 34   | 5.700G         | 35   | 5.347G         | 36   | 5.405G         |
| 37                                               | 5.425G         | 38   | 5.309G         | 39   | 5.496G         | 40   | 5.343G         |
| 41                                               | 5.422G         | 42   | 5.341G         | 43   | 5.498G         | 44   | 5.433G         |
| 45                                               | 5.408G         | 46   | 5.633G         | 47   | 5.362G         | 48   | 5.639G         |
| 49                                               | 5.663G         | 50   | 5.550G         | 51   | 5.610G         | 52   | 5.487G         |
| 53                                               | 5.381G         | 54   | 5.349G         | 55   | 5.598G         | 56   | 5.657G         |
| 57                                               | 5.599G         | 58   | 5.300G         | 59   | 5.272G         | 60   | 5.383G         |
| 61                                               | 5.531G         | 62   | 5.560G         | 63   | 5.367G         | 64   | 5.417G         |
| 65                                               | 5.295G         | 66   | 5.661G         | 67   | 5.632G         | 68   | 5.557G         |
| 69                                               | 5.437G         | 70   | 5.416G         | 71   | 5.622G         | 72   | 5.704G         |
| 73                                               | 5.488G         | 74   | 5.370G         | 75   | 5.317G         | 76   | 5.583G         |
| 77                                               | 5.642G         | 78   | 5.407G         | 79   | 5.410G         | 80   | 5.715G         |
| 81                                               | 5.658G         | 82   | 5.466G         | 83   | 5.593G         | 84   | 5.532G         |
| 85                                               | 5.375G         | 86   | 5.252G         | 87   | 5.378G         | 88   | 5.578G         |
| 89                                               | 5.697G         | 90   | 5.413G         | 91   | 5.396G         | 92   | 5.293G         |
| 93                                               | 5.629G         | 94   | 5.371G         | 95   | 5.500G         | 96   | 5.411G         |
| 97                                               | 5.592G         | 98   | 5.460G         | 99   | 5.567G         | 100  | 5.288G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_19

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.289G         | 2    | 5.358G         | 3    | 5.453G         | 4    | 5.440G         |
| 5    | 5.312G         | 6    | 5.469G         | 7    | 5.701G         | 8    | 5.292G         |
| 9    | 5.309G         | 10   | 5.467G         | 11   | 5.342G         | 12   | 5.695G         |
| 13   | 5.525G         | 14   | 5.473G         | 15   | 5.569G         | 16   | 5.529G         |
| 17   | 5.334G         | 18   | 5.588G         | 19   | 5.532G         | 20   | 5.592G         |
| 21   | 5.443G         | 22   | 5.722G         | 23   | 5.454G         | 24   | 5.508G         |
| 25   | 5.378G         | 26   | 5.487G         | 27   | 5.338G         | 28   | 5.496G         |
| 29   | 5.434G         | 30   | 5.663G         | 31   | 5.633G         | 32   | 5.531G         |
| 33   | 5.463G         | 34   | 5.616G         | 35   | 5.630G         | 36   | 5.333G         |
| 37   | 5.626G         | 38   | 5.468G         | 39   | 5.363G         | 40   | 5.279G         |
| 41   | 5.404G         | 42   | 5.311G         | 43   | 5.683G         | 44   | 5.416G         |
| 45   | 5.368G         | 46   | 5.484G         | 47   | 5.310G         | 48   | 5.702G         |
| 49   | 5.514G         | 50   | 5.542G         | 51   | 5.421G         | 52   | 5.268G         |
| 53   | 5.283G         | 54   | 5.520G         | 55   | 5.457G         | 56   | 5.438G         |
| 57   | 5.493G         | 58   | 5.323G         | 59   | 5.266G         | 60   | 5.331G         |
| 61   | 5.433G         | 62   | 5.715G         | 63   | 5.682G         | 64   | 5.582G         |
| 65   | 5.321G         | 66   | 5.388G         | 67   | 5.585G         | 68   | 5.330G         |
| 69   | 5.322G         | 70   | 5.314G         | 71   | 5.551G         | 72   | 5.365G         |
| 73   | 5.301G         | 74   | 5.623G         | 75   | 5.401G         | 76   | 5.370G         |
| 77   | 5.429G         | 78   | 5.284G         | 79   | 5.271G         | 80   | 5.672G         |
| 81   | 5.721G         | 82   | 5.658G         | 83   | 5.351G         | 84   | 5.361G         |
| 85   | 5.717G         | 86   | 5.287G         | 87   | 5.714G         | 88   | 5.606G         |
| 89   | 5.480G         | 90   | 5.684G         | 91   | 5.318G         | 92   | 5.693G         |
| 93   | 5.405G         | 94   | 5.261G         | 95   | 5.485G         | 96   | 5.417G         |
| 97   | 5.636G         | 98   | 5.448G         | 99   | 5.698G         | 100  | 5.295G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_20

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.705G         | 2    | 5.525G         | 3    | 5.712G         | 4    | 5.547G         |
| 5    | 5.640G         | 6    | 5.681G         | 7    | 5.450G         | 8    | 5.352G         |
| 9    | 5.561G         | 10   | 5.469G         | 11   | 5.558G         | 12   | 5.674G         |
| 13   | 5.484G         | 14   | 5.536G         | 15   | 5.527G         | 16   | 5.444G         |
| 17   | 5.425G         | 18   | 5.327G         | 19   | 5.359G         | 20   | 5.570G         |
| 21   | 5.482G         | 22   | 5.512G         | 23   | 5.301G         | 24   | 5.330G         |
| 25   | 5.620G         | 26   | 5.355G         | 27   | 5.615G         | 28   | 5.318G         |
| 29   | 5.568G         | 30   | 5.313G         | 31   | 5.454G         | 32   | 5.552G         |
| 33   | 5.627G         | 34   | 5.542G         | 35   | 5.488G         | 36   | 5.545G         |
| 37   | 5.562G         | 38   | 5.716G         | 39   | 5.515G         | 40   | 5.508G         |
| 41   | 5.574G         | 42   | 5.315G         | 43   | 5.480G         | 44   | 5.294G         |
| 45   | 5.394G         | 46   | 5.537G         | 47   | 5.585G         | 48   | 5.328G         |
| 49   | 5.297G         | 50   | 5.688G         | 51   | 5.332G         | 52   | 5.581G         |
| 53   | 5.380G         | 54   | 5.576G         | 55   | 5.451G         | 56   | 5.284G         |
| 57   | 5.452G         | 58   | 5.422G         | 59   | 5.486G         | 60   | 5.507G         |
| 61   | 5.524G         | 62   | 5.575G         | 63   | 5.329G         | 64   | 5.283G         |
| 65   | 5.580G         | 66   | 5.291G         | 67   | 5.416G         | 68   | 5.643G         |
| 69   | 5.619G         | 70   | 5.589G         | 71   | 5.320G         | 72   | 5.711G         |
| 73   | 5.434G         | 74   | 5.473G         | 75   | 5.555G         | 76   | 5.504G         |
| 77   | 5.541G         | 78   | 5.260G         | 79   | 5.461G         | 80   | 5.350G         |
| 81   | 5.715G         | 82   | 5.456G         | 83   | 5.679G         | 84   | 5.676G         |
| 85   | 5.638G         | 86   | 5.478G         | 87   | 5.288G         | 88   | 5.277G         |
| 89   | 5.393G         | 90   | 5.466G         | 91   | 5.341G         | 92   | 5.386G         |
| 93   | 5.666G         | 94   | 5.453G         | 95   | 5.337G         | 96   | 5.358G         |
| 97   | 5.455G         | 98   | 5.413G         | 99   | 5.254G         | 100  | 5.414G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_21 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.380G         | 2    | 5.680G         | 3    | 5.652G         | 4    | 5.398G         |
| 5                                                | 5.386G         | 6    | 5.422G         | 7    | 5.353G         | 8    | 5.369G         |
| 9                                                | 5.283G         | 10   | 5.578G         | 11   | 5.468G         | 12   | 5.405G         |
| 13                                               | 5.645G         | 14   | 5.605G         | 15   | 5.642G         | 16   | 5.312G         |
| 17                                               | 5.449G         | 18   | 5.464G         | 19   | 5.370G         | 20   | 5.383G         |
| 21                                               | 5.539G         | 22   | 5.653G         | 23   | 5.389G         | 24   | 5.570G         |
| 25                                               | 5.723G         | 26   | 5.697G         | 27   | 5.639G         | 28   | 5.598G         |
| 29                                               | 5.450G         | 30   | 5.676G         | 31   | 5.553G         | 32   | 5.257G         |
| 33                                               | 5.621G         | 34   | 5.296G         | 35   | 5.604G         | 36   | 5.366G         |
| 37                                               | 5.618G         | 38   | 5.318G         | 39   | 5.537G         | 40   | 5.626G         |
| 41                                               | 5.611G         | 42   | 5.499G         | 43   | 5.270G         | 44   | 5.359G         |
| 45                                               | 5.647G         | 46   | 5.409G         | 47   | 5.679G         | 48   | 5.686G         |
| 49                                               | 5.620G         | 50   | 5.555G         | 51   | 5.658G         | 52   | 5.334G         |
| 53                                               | 5.475G         | 54   | 5.328G         | 55   | 5.377G         | 56   | 5.674G         |
| 57                                               | 5.264G         | 58   | 5.517G         | 59   | 5.385G         | 60   | 5.254G         |
| 61                                               | 5.397G         | 62   | 5.443G         | 63   | 5.478G         | 64   | 5.584G         |
| 65                                               | 5.648G         | 66   | 5.547G         | 67   | 5.378G         | 68   | 5.687G         |
| 69                                               | 5.519G         | 70   | 5.396G         | 71   | 5.518G         | 72   | 5.597G         |
| 73                                               | 5.702G         | 74   | 5.348G         | 75   | 5.581G         | 76   | 5.567G         |
| 77                                               | 5.271G         | 78   | 5.454G         | 79   | 5.325G         | 80   | 5.573G         |
| 81                                               | 5.552G         | 82   | 5.374G         | 83   | 5.293G         | 84   | 5.544G         |
| 85                                               | 5.282G         | 86   | 5.448G         | 87   | 5.309G         | 88   | 5.612G         |
| 89                                               | 5.395G         | 90   | 5.557G         | 91   | 5.575G         | 92   | 5.323G         |
| 93                                               | 5.319G         | 94   | 5.536G         | 95   | 5.722G         | 96   | 5.387G         |
| 97                                               | 5.551G         | 98   | 5.259G         | 99   | 5.298G         | 100  | 5.582G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_22

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.596G         | 2    | 5.649G         | 3    | 5.400G         | 4    | 5.522G         |
| 5    | 5.443G         | 6    | 5.391G         | 7    | 5.651G         | 8    | 5.535G         |
| 9    | 5.337G         | 10   | 5.268G         | 11   | 5.387G         | 12   | 5.587G         |
| 13   | 5.342G         | 14   | 5.274G         | 15   | 5.657G         | 16   | 5.351G         |
| 17   | 5.367G         | 18   | 5.565G         | 19   | 5.509G         | 20   | 5.523G         |
| 21   | 5.350G         | 22   | 5.280G         | 23   | 5.442G         | 24   | 5.584G         |
| 25   | 5.628G         | 26   | 5.422G         | 27   | 5.335G         | 28   | 5.372G         |
| 29   | 5.491G         | 30   | 5.462G         | 31   | 5.604G         | 32   | 5.363G         |
| 33   | 5.302G         | 34   | 5.658G         | 35   | 5.666G         | 36   | 5.578G         |
| 37   | 5.269G         | 38   | 5.263G         | 39   | 5.529G         | 40   | 5.308G         |
| 41   | 5.532G         | 42   | 5.287G         | 43   | 5.436G         | 44   | 5.528G         |
| 45   | 5.284G         | 46   | 5.689G         | 47   | 5.467G         | 48   | 5.665G         |
| 49   | 5.688G         | 50   | 5.333G         | 51   | 5.554G         | 52   | 5.722G         |
| 53   | 5.504G         | 54   | 5.285G         | 55   | 5.306G         | 56   | 5.551G         |
| 57   | 5.384G         | 58   | 5.580G         | 59   | 5.407G         | 60   | 5.361G         |
| 61   | 5.373G         | 62   | 5.676G         | 63   | 5.482G         | 64   | 5.347G         |
| 65   | 5.500G         | 66   | 5.710G         | 67   | 5.662G         | 68   | 5.623G         |
| 69   | 5.322G         | 70   | 5.612G         | 71   | 5.444G         | 72   | 5.429G         |
| 73   | 5.460G         | 74   | 5.629G         | 75   | 5.360G         | 76   | 5.313G         |
| 77   | 5.541G         | 78   | 5.416G         | 79   | 5.561G         | 80   | 5.619G         |
| 81   | 5.704G         | 82   | 5.300G         | 83   | 5.631G         | 84   | 5.611G         |
| 85   | 5.488G         | 86   | 5.618G         | 87   | 5.552G         | 88   | 5.250G         |
| 89   | 5.371G         | 90   | 5.258G         | 91   | 5.251G         | 92   | 5.633G         |
| 93   | 5.475G         | 94   | 5.639G         | 95   | 5.566G         | 96   | 5.632G         |
| 97   | 5.358G         | 98   | 5.617G         | 99   | 5.492G         | 100  | 5.498G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_23

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.494G         | 2    | 5.369G         | 3    | 5.704G         | 4    | 5.580G         |
| 5    | 5.497G         | 6    | 5.598G         | 7    | 5.462G         | 8    | 5.435G         |
| 9    | 5.459G         | 10   | 5.591G         | 11   | 5.559G         | 12   | 5.495G         |
| 13   | 5.302G         | 14   | 5.558G         | 15   | 5.609G         | 16   | 5.306G         |
| 17   | 5.632G         | 18   | 5.639G         | 19   | 5.425G         | 20   | 5.702G         |
| 21   | 5.252G         | 22   | 5.263G         | 23   | 5.427G         | 24   | 5.330G         |
| 25   | 5.316G         | 26   | 5.253G         | 27   | 5.687G         | 28   | 5.266G         |
| 29   | 5.692G         | 30   | 5.472G         | 31   | 5.682G         | 32   | 5.708G         |
| 33   | 5.719G         | 34   | 5.716G         | 35   | 5.650G         | 36   | 5.717G         |
| 37   | 5.350G         | 38   | 5.452G         | 39   | 5.431G         | 40   | 5.429G         |
| 41   | 5.319G         | 42   | 5.393G         | 43   | 5.503G         | 44   | 5.620G         |
| 45   | 5.290G         | 46   | 5.400G         | 47   | 5.614G         | 48   | 5.312G         |
| 49   | 5.568G         | 50   | 5.373G         | 51   | 5.445G         | 52   | 5.636G         |
| 53   | 5.634G         | 54   | 5.331G         | 55   | 5.328G         | 56   | 5.483G         |
| 57   | 5.303G         | 58   | 5.700G         | 59   | 5.310G         | 60   | 5.505G         |
| 61   | 5.590G         | 62   | 5.533G         | 63   | 5.343G         | 64   | 5.711G         |
| 65   | 5.551G         | 66   | 5.506G         | 67   | 5.476G         | 68   | 5.407G         |
| 69   | 5.398G         | 70   | 5.357G         | 71   | 5.485G         | 72   | 5.292G         |
| 73   | 5.612G         | 74   | 5.584G         | 75   | 5.481G         | 76   | 5.694G         |
| 77   | 5.264G         | 78   | 5.683G         | 79   | 5.541G         | 80   | 5.475G         |
| 81   | 5.693G         | 82   | 5.388G         | 83   | 5.635G         | 84   | 5.555G         |
| 85   | 5.608G         | 86   | 5.283G         | 87   | 5.308G         | 88   | 5.493G         |
| 89   | 5.570G         | 90   | 5.260G         | 91   | 5.557G         | 92   | 5.411G         |
| 93   | 5.413G         | 94   | 5.295G         | 95   | 5.713G         | 96   | 5.507G         |
| 97   | 5.451G         | 98   | 5.254G         | 99   | 5.471G         | 100  | 5.709G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_24

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.578G         | 2    | 5.505G         | 3    | 5.309G         | 4    | 5.599G         |
| 5    | 5.343G         | 6    | 5.532G         | 7    | 5.354G         | 8    | 5.671G         |
| 9    | 5.262G         | 10   | 5.602G         | 11   | 5.533G         | 12   | 5.250G         |
| 13   | 5.320G         | 14   | 5.632G         | 15   | 5.610G         | 16   | 5.308G         |
| 17   | 5.539G         | 18   | 5.717G         | 19   | 5.428G         | 20   | 5.707G         |
| 21   | 5.701G         | 22   | 5.442G         | 23   | 5.603G         | 24   | 5.375G         |
| 25   | 5.334G         | 26   | 5.706G         | 27   | 5.626G         | 28   | 5.702G         |
| 29   | 5.453G         | 30   | 5.703G         | 31   | 5.319G         | 32   | 5.478G         |
| 33   | 5.378G         | 34   | 5.520G         | 35   | 5.509G         | 36   | 5.447G         |
| 37   | 5.563G         | 38   | 5.678G         | 39   | 5.569G         | 40   | 5.346G         |
| 41   | 5.598G         | 42   | 5.596G         | 43   | 5.471G         | 44   | 5.680G         |
| 45   | 5.622G         | 46   | 5.306G         | 47   | 5.348G         | 48   | 5.468G         |
| 49   | 5.685G         | 50   | 5.633G         | 51   | 5.302G         | 52   | 5.665G         |
| 53   | 5.260G         | 54   | 5.494G         | 55   | 5.321G         | 56   | 5.480G         |
| 57   | 5.571G         | 58   | 5.661G         | 59   | 5.410G         | 60   | 5.394G         |
| 61   | 5.664G         | 62   | 5.570G         | 63   | 5.292G         | 64   | 5.630G         |
| 65   | 5.416G         | 66   | 5.545G         | 67   | 5.605G         | 68   | 5.639G         |
| 69   | 5.646G         | 70   | 5.593G         | 71   | 5.379G         | 72   | 5.648G         |
| 73   | 5.487G         | 74   | 5.625G         | 75   | 5.450G         | 76   | 5.301G         |
| 77   | 5.637G         | 78   | 5.549G         | 79   | 5.503G         | 80   | 5.564G         |
| 81   | 5.353G         | 82   | 5.662G         | 83   | 5.623G         | 84   | 5.565G         |
| 85   | 5.548G         | 86   | 5.467G         | 87   | 5.700G         | 88   | 5.445G         |
| 89   | 5.257G         | 90   | 5.360G         | 91   | 5.357G         | 92   | 5.543G         |
| 93   | 5.363G         | 94   | 5.519G         | 95   | 5.377G         | 96   | 5.463G         |
| 97   | 5.432G         | 98   | 5.328G         | 99   | 5.427G         | 100  | 5.281G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_25 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.551G         | 2    | 5.406G         | 3    | 5.488G         | 4    | 5.357G         |
| 5                                                | 5.539G         | 6    | 5.635G         | 7    | 5.633G         | 8    | 5.518G         |
| 9                                                | 5.672G         | 10   | 5.636G         | 11   | 5.527G         | 12   | 5.450G         |
| 13                                               | 5.601G         | 14   | 5.279G         | 15   | 5.651G         | 16   | 5.641G         |
| 17                                               | 5.699G         | 18   | 5.323G         | 19   | 5.555G         | 20   | 5.274G         |
| 21                                               | 5.421G         | 22   | 5.505G         | 23   | 5.399G         | 24   | 5.674G         |
| 25                                               | 5.317G         | 26   | 5.306G         | 27   | 5.292G         | 28   | 5.609G         |
| 29                                               | 5.254G         | 30   | 5.686G         | 31   | 5.309G         | 32   | 5.537G         |
| 33                                               | 5.307G         | 34   | 5.523G         | 35   | 5.288G         | 36   | 5.632G         |
| 37                                               | 5.320G         | 38   | 5.715G         | 39   | 5.398G         | 40   | 5.335G         |
| 41                                               | 5.340G         | 42   | 5.509G         | 43   | 5.613G         | 44   | 5.458G         |
| 45                                               | 5.703G         | 46   | 5.506G         | 47   | 5.353G         | 48   | 5.375G         |
| 49                                               | 5.504G         | 50   | 5.623G         | 51   | 5.409G         | 52   | 5.516G         |
| 53                                               | 5.269G         | 54   | 5.610G         | 55   | 5.431G         | 56   | 5.554G         |
| 57                                               | 5.682G         | 58   | 5.679G         | 59   | 5.625G         | 60   | 5.696G         |
| 61                                               | 5.325G         | 62   | 5.534G         | 63   | 5.701G         | 64   | 5.478G         |
| 65                                               | 5.411G         | 66   | 5.347G         | 67   | 5.638G         | 68   | 5.430G         |
| 69                                               | 5.272G         | 70   | 5.657G         | 71   | 5.298G         | 72   | 5.700G         |
| 73                                               | 5.480G         | 74   | 5.680G         | 75   | 5.416G         | 76   | 5.376G         |
| 77                                               | 5.646G         | 78   | 5.587G         | 79   | 5.395G         | 80   | 5.514G         |
| 81                                               | 5.467G         | 82   | 5.343G         | 83   | 5.627G         | 84   | 5.316G         |
| 85                                               | 5.622G         | 86   | 5.559G         | 87   | 5.637G         | 88   | 5.541G         |
| 89                                               | 5.469G         | 90   | 5.662G         | 91   | 5.465G         | 92   | 5.466G         |
| 93                                               | 5.714G         | 94   | 5.310G         | 95   | 5.295G         | 96   | 5.337G         |
| 97                                               | 5.675G         | 98   | 5.293G         | 99   | 5.608G         | 100  | 5.558G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_26 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.270G         | 2    | 5.280G         | 3    | 5.623G         | 4    | 5.597G         |
| 5                                                | 5.639G         | 6    | 5.290G         | 7    | 5.674G         | 8    | 5.438G         |
| 9                                                | 5.630G         | 10   | 5.284G         | 11   | 5.360G         | 12   | 5.389G         |
| 13                                               | 5.561G         | 14   | 5.530G         | 15   | 5.541G         | 16   | 5.604G         |
| 17                                               | 5.300G         | 18   | 5.704G         | 19   | 5.430G         | 20   | 5.564G         |
| 21                                               | 5.482G         | 22   | 5.675G         | 23   | 5.680G         | 24   | 5.590G         |
| 25                                               | 5.303G         | 26   | 5.268G         | 27   | 5.622G         | 28   | 5.508G         |
| 29                                               | 5.603G         | 30   | 5.474G         | 31   | 5.316G         | 32   | 5.497G         |
| 33                                               | 5.466G         | 34   | 5.660G         | 35   | 5.579G         | 36   | 5.450G         |
| 37                                               | 5.646G         | 38   | 5.415G         | 39   | 5.317G         | 40   | 5.707G         |
| 41                                               | 5.330G         | 42   | 5.322G         | 43   | 5.628G         | 44   | 5.484G         |
| 45                                               | 5.664G         | 46   | 5.700G         | 47   | 5.428G         | 48   | 5.371G         |
| 49                                               | 5.636G         | 50   | 5.377G         | 51   | 5.465G         | 52   | 5.481G         |
| 53                                               | 5.475G         | 54   | 5.665G         | 55   | 5.253G         | 56   | 5.591G         |
| 57                                               | 5.624G         | 58   | 5.609G         | 59   | 5.299G         | 60   | 5.440G         |
| 61                                               | 5.418G         | 62   | 5.384G         | 63   | 5.483G         | 64   | 5.582G         |
| 65                                               | 5.388G         | 66   | 5.666G         | 67   | 5.457G         | 68   | 5.708G         |
| 69                                               | 5.642G         | 70   | 5.411G         | 71   | 5.608G         | 72   | 5.627G         |
| 73                                               | 5.410G         | 74   | 5.499G         | 75   | 5.405G         | 76   | 5.544G         |
| 77                                               | 5.494G         | 78   | 5.718G         | 79   | 5.339G         | 80   | 5.442G         |
| 81                                               | 5.616G         | 82   | 5.261G         | 83   | 5.560G         | 84   | 5.373G         |
| 85                                               | 5.533G         | 86   | 5.263G         | 87   | 5.578G         | 88   | 5.509G         |
| 89                                               | 5.265G         | 90   | 5.691G         | 91   | 5.670G         | 92   | 5.369G         |
| 93                                               | 5.715G         | 94   | 5.283G         | 95   | 5.567G         | 96   | 5.407G         |
| 97                                               | 5.570G         | 98   | 5.645G         | 99   | 5.313G         | 100  | 5.306G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_27

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.416G         | 2    | 5.254G         | 3    | 5.482G         | 4    | 5.523G         |
| 5    | 5.395G         | 6    | 5.387G         | 7    | 5.407G         | 8    | 5.685G         |
| 9    | 5.382G         | 10   | 5.352G         | 11   | 5.704G         | 12   | 5.721G         |
| 13   | 5.466G         | 14   | 5.348G         | 15   | 5.477G         | 16   | 5.540G         |
| 17   | 5.302G         | 18   | 5.568G         | 19   | 5.450G         | 20   | 5.521G         |
| 21   | 5.708G         | 22   | 5.326G         | 23   | 5.600G         | 24   | 5.411G         |
| 25   | 5.606G         | 26   | 5.278G         | 27   | 5.535G         | 28   | 5.616G         |
| 29   | 5.676G         | 30   | 5.536G         | 31   | 5.562G         | 32   | 5.662G         |
| 33   | 5.693G         | 34   | 5.688G         | 35   | 5.396G         | 36   | 5.461G         |
| 37   | 5.251G         | 38   | 5.417G         | 39   | 5.627G         | 40   | 5.598G         |
| 41   | 5.338G         | 42   | 5.555G         | 43   | 5.552G         | 44   | 5.362G         |
| 45   | 5.608G         | 46   | 5.316G         | 47   | 5.647G         | 48   | 5.397G         |
| 49   | 5.646G         | 50   | 5.331G         | 51   | 5.534G         | 52   | 5.250G         |
| 53   | 5.720G         | 54   | 5.480G         | 55   | 5.304G         | 56   | 5.611G         |
| 57   | 5.663G         | 58   | 5.405G         | 59   | 5.446G         | 60   | 5.700G         |
| 61   | 5.603G         | 62   | 5.515G         | 63   | 5.497G         | 64   | 5.341G         |
| 65   | 5.299G         | 66   | 5.376G         | 67   | 5.410G         | 68   | 5.545G         |
| 69   | 5.294G         | 70   | 5.711G         | 71   | 5.325G         | 72   | 5.285G         |
| 73   | 5.287G         | 74   | 5.644G         | 75   | 5.705G         | 76   | 5.690G         |
| 77   | 5.577G         | 78   | 5.363G         | 79   | 5.381G         | 80   | 5.588G         |
| 81   | 5.557G         | 82   | 5.436G         | 83   | 5.543G         | 84   | 5.378G         |
| 85   | 5.453G         | 86   | 5.589G         | 87   | 5.273G         | 88   | 5.615G         |
| 89   | 5.503G         | 90   | 5.559G         | 91   | 5.398G         | 92   | 5.621G         |
| 93   | 5.379G         | 94   | 5.394G         | 95   | 5.699G         | 96   | 5.619G         |
| 97   | 5.452G         | 98   | 5.502G         | 99   | 5.270G         | 100  | 5.255G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_28 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.338G         | 2    | 5.353G         | 3    | 5.309G         | 4    | 5.401G         |
| 5                                                | 5.349G         | 6    | 5.659G         | 7    | 5.709G         | 8    | 5.679G         |
| 9                                                | 5.683G         | 10   | 5.544G         | 11   | 5.280G         | 12   | 5.382G         |
| 13                                               | 5.580G         | 14   | 5.379G         | 15   | 5.607G         | 16   | 5.551G         |
| 17                                               | 5.514G         | 18   | 5.260G         | 19   | 5.479G         | 20   | 5.714G         |
| 21                                               | 5.699G         | 22   | 5.494G         | 23   | 5.292G         | 24   | 5.316G         |
| 25                                               | 5.571G         | 26   | 5.691G         | 27   | 5.444G         | 28   | 5.655G         |
| 29                                               | 5.390G         | 30   | 5.584G         | 31   | 5.430G         | 32   | 5.393G         |
| 33                                               | 5.562G         | 34   | 5.633G         | 35   | 5.274G         | 36   | 5.368G         |
| 37                                               | 5.325G         | 38   | 5.436G         | 39   | 5.589G         | 40   | 5.472G         |
| 41                                               | 5.441G         | 42   | 5.285G         | 43   | 5.276G         | 44   | 5.478G         |
| 45                                               | 5.632G         | 46   | 5.535G         | 47   | 5.253G         | 48   | 5.581G         |
| 49                                               | 5.399G         | 50   | 5.255G         | 51   | 5.624G         | 52   | 5.715G         |
| 53                                               | 5.327G         | 54   | 5.340G         | 55   | 5.596G         | 56   | 5.323G         |
| 57                                               | 5.635G         | 58   | 5.261G         | 59   | 5.431G         | 60   | 5.331G         |
| 61                                               | 5.265G         | 62   | 5.394G         | 63   | 5.381G         | 64   | 5.626G         |
| 65                                               | 5.453G         | 66   | 5.308G         | 67   | 5.448G         | 68   | 5.582G         |
| 69                                               | 5.525G         | 70   | 5.644G         | 71   | 5.541G         | 72   | 5.687G         |
| 73                                               | 5.277G         | 74   | 5.304G         | 75   | 5.660G         | 76   | 5.618G         |
| 77                                               | 5.256G         | 78   | 5.366G         | 79   | 5.647G         | 80   | 5.565G         |
| 81                                               | 5.671G         | 82   | 5.252G         | 83   | 5.370G         | 84   | 5.496G         |
| 85                                               | 5.567G         | 86   | 5.395G         | 87   | 5.642G         | 88   | 5.588G         |
| 89                                               | 5.638G         | 90   | 5.389G         | 91   | 5.648G         | 92   | 5.458G         |
| 93                                               | 5.523G         | 94   | 5.563G         | 95   | 5.716G         | 96   | 5.597G         |
| 97                                               | 5.559G         | 98   | 5.426G         | 99   | 5.334G         | 100  | 5.534G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_29

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.270G         | 2    | 5.282G         | 3    | 5.447G         | 4    | 5.316G         |
| 5    | 5.548G         | 6    | 5.334G         | 7    | 5.647G         | 8    | 5.576G         |
| 9    | 5.659G         | 10   | 5.314G         | 11   | 5.386G         | 12   | 5.345G         |
| 13   | 5.324G         | 14   | 5.290G         | 15   | 5.515G         | 16   | 5.597G         |
| 17   | 5.573G         | 18   | 5.470G         | 19   | 5.364G         | 20   | 5.712G         |
| 21   | 5.649G         | 22   | 5.461G         | 23   | 5.685G         | 24   | 5.320G         |
| 25   | 5.366G         | 26   | 5.413G         | 27   | 5.635G         | 28   | 5.411G         |
| 29   | 5.374G         | 30   | 5.351G         | 31   | 5.586G         | 32   | 5.286G         |
| 33   | 5.522G         | 34   | 5.390G         | 35   | 5.275G         | 36   | 5.349G         |
| 37   | 5.575G         | 38   | 5.258G         | 39   | 5.274G         | 40   | 5.662G         |
| 41   | 5.429G         | 42   | 5.658G         | 43   | 5.549G         | 44   | 5.449G         |
| 45   | 5.430G         | 46   | 5.634G         | 47   | 5.599G         | 48   | 5.695G         |
| 49   | 5.438G         | 50   | 5.454G         | 51   | 5.518G         | 52   | 5.384G         |
| 53   | 5.698G         | 54   | 5.525G         | 55   | 5.663G         | 56   | 5.672G         |
| 57   | 5.651G         | 58   | 5.279G         | 59   | 5.485G         | 60   | 5.631G         |
| 61   | 5.358G         | 62   | 5.406G         | 63   | 5.456G         | 64   | 5.622G         |
| 65   | 5.716G         | 66   | 5.620G         | 67   | 5.431G         | 68   | 5.460G         |
| 69   | 5.643G         | 70   | 5.359G         | 71   | 5.562G         | 72   | 5.288G         |
| 73   | 5.714G         | 74   | 5.289G         | 75   | 5.408G         | 76   | 5.572G         |
| 77   | 5.445G         | 78   | 5.577G         | 79   | 5.452G         | 80   | 5.371G         |
| 81   | 5.446G         | 82   | 5.262G         | 83   | 5.471G         | 84   | 5.656G         |
| 85   | 5.307G         | 86   | 5.574G         | 87   | 5.260G         | 88   | 5.362G         |
| 89   | 5.420G         | 90   | 5.674G         | 91   | 5.595G         | 92   | 5.629G         |
| 93   | 5.667G         | 94   | 5.387G         | 95   | 5.424G         | 96   | 5.709G         |
| 97   | 5.325G         | 98   | 5.507G         | 99   | 5.570G         | 100  | 5.513G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_30

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.578G         | 2    | 5.337G         | 3    | 5.417G         | 4    | 5.700G         |
| 5    | 5.342G         | 6    | 5.667G         | 7    | 5.428G         | 8    | 5.415G         |
| 9    | 5.639G         | 10   | 5.525G         | 11   | 5.526G         | 12   | 5.533G         |
| 13   | 5.261G         | 14   | 5.631G         | 15   | 5.545G         | 16   | 5.577G         |
| 17   | 5.612G         | 18   | 5.498G         | 19   | 5.393G         | 20   | 5.574G         |
| 21   | 5.550G         | 22   | 5.718G         | 23   | 5.298G         | 24   | 5.520G         |
| 25   | 5.255G         | 26   | 5.387G         | 27   | 5.356G         | 28   | 5.444G         |
| 29   | 5.448G         | 30   | 5.353G         | 31   | 5.668G         | 32   | 5.402G         |
| 33   | 5.414G         | 34   | 5.637G         | 35   | 5.676G         | 36   | 5.363G         |
| 37   | 5.445G         | 38   | 5.354G         | 39   | 5.403G         | 40   | 5.267G         |
| 41   | 5.703G         | 42   | 5.560G         | 43   | 5.559G         | 44   | 5.680G         |
| 45   | 5.506G         | 46   | 5.257G         | 47   | 5.365G         | 48   | 5.317G         |
| 49   | 5.454G         | 50   | 5.629G         | 51   | 5.260G         | 52   | 5.543G         |
| 53   | 5.673G         | 54   | 5.620G         | 55   | 5.389G         | 56   | 5.627G         |
| 57   | 5.661G         | 58   | 5.386G         | 59   | 5.645G         | 60   | 5.373G         |
| 61   | 5.623G         | 62   | 5.456G         | 63   | 5.606G         | 64   | 5.289G         |
| 65   | 5.658G         | 66   | 5.258G         | 67   | 5.584G         | 68   | 5.446G         |
| 69   | 5.483G         | 70   | 5.427G         | 71   | 5.399G         | 72   | 5.457G         |
| 73   | 5.642G         | 74   | 5.299G         | 75   | 5.603G         | 76   | 5.552G         |
| 77   | 5.495G         | 78   | 5.576G         | 79   | 5.715G         | 80   | 5.652G         |
| 81   | 5.449G         | 82   | 5.410G         | 83   | 5.626G         | 84   | 5.651G         |
| 85   | 5.538G         | 86   | 5.687G         | 87   | 5.346G         | 88   | 5.250G         |
| 89   | 5.692G         | 90   | 5.252G         | 91   | 5.322G         | 92   | 5.632G         |
| 93   | 5.659G         | 94   | 5.681G         | 95   | 5.585G         | 96   | 5.426G         |
| 97   | 5.635G         | 98   | 5.657G         | 99   | 5.704G         | 100  | 5.297G         |

For B2 - 802.11ac VHT40

Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_01

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.603G         | 2    | 5.405G         | 3    | 5.498G         | 4    | 5.670G         |
| 5    | 5.630G         | 6    | 5.712G         | 7    | 5.653G         | 8    | 5.285G         |
| 9    | 5.399G         | 10   | 5.541G         | 11   | 5.704G         | 12   | 5.323G         |
| 13   | 5.532G         | 14   | 5.366G         | 15   | 5.410G         | 16   | 5.581G         |
| 17   | 5.612G         | 18   | 5.467G         | 19   | 5.312G         | 20   | 5.554G         |
| 21   | 5.520G         | 22   | 5.551G         | 23   | 5.575G         | 24   | 5.448G         |
| 25   | 5.414G         | 26   | 5.598G         | 27   | 5.354G         | 28   | 5.708G         |
| 29   | 5.332G         | 30   | 5.288G         | 31   | 5.310G         | 32   | 5.456G         |
| 33   | 5.397G         | 34   | 5.361G         | 35   | 5.390G         | 36   | 5.380G         |
| 37   | 5.620G         | 38   | 5.652G         | 39   | 5.666G         | 40   | 5.457G         |
| 41   | 5.296G         | 42   | 5.631G         | 43   | 5.411G         | 44   | 5.470G         |
| 45   | 5.526G         | 46   | 5.472G         | 47   | 5.628G         | 48   | 5.375G         |
| 49   | 5.649G         | 50   | 5.656G         | 51   | 5.408G         | 52   | 5.393G         |
| 53   | 5.514G         | 54   | 5.348G         | 55   | 5.523G         | 56   | 5.709G         |
| 57   | 5.311G         | 58   | 5.284G         | 59   | 5.552G         | 60   | 5.427G         |
| 61   | 5.255G         | 62   | 5.395G         | 63   | 5.536G         | 64   | 5.626G         |
| 65   | 5.389G         | 66   | 5.297G         | 67   | 5.679G         | 68   | 5.545G         |
| 69   | 5.496G         | 70   | 5.617G         | 71   | 5.283G         | 72   | 5.508G         |
| 73   | 5.299G         | 74   | 5.319G         | 75   | 5.624G         | 76   | 5.440G         |
| 77   | 5.677G         | 78   | 5.643G         | 79   | 5.558G         | 80   | 5.252G         |
| 81   | 5.671G         | 82   | 5.378G         | 83   | 5.680G         | 84   | 5.547G         |
| 85   | 5.683G         | 86   | 5.453G         | 87   | 5.466G         | 88   | 5.471G         |
| 89   | 5.548G         | 90   | 5.356G         | 91   | 5.486G         | 92   | 5.684G         |
| 93   | 5.669G         | 94   | 5.349G         | 95   | 5.504G         | 96   | 5.641G         |
| 97   | 5.495G         | 98   | 5.578G         | 99   | 5.702G         | 100  | 5.706G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_02 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.328G         | 2    | 5.655G         | 3    | 5.570G         | 4    | 5.291G         |
| 5                                                | 5.485G         | 6    | 5.342G         | 7    | 5.365G         | 8    | 5.720G         |
| 9                                                | 5.647G         | 10   | 5.264G         | 11   | 5.362G         | 12   | 5.403G         |
| 13                                               | 5.392G         | 14   | 5.284G         | 15   | 5.363G         | 16   | 5.461G         |
| 17                                               | 5.346G         | 18   | 5.381G         | 19   | 5.598G         | 20   | 5.528G         |
| 21                                               | 5.640G         | 22   | 5.315G         | 23   | 5.500G         | 24   | 5.539G         |
| 25                                               | 5.531G         | 26   | 5.459G         | 27   | 5.603G         | 28   | 5.372G         |
| 29                                               | 5.499G         | 30   | 5.263G         | 31   | 5.329G         | 32   | 5.366G         |
| 33                                               | 5.431G         | 34   | 5.586G         | 35   | 5.536G         | 36   | 5.266G         |
| 37                                               | 5.376G         | 38   | 5.654G         | 39   | 5.701G         | 40   | 5.285G         |
| 41                                               | 5.699G         | 42   | 5.327G         | 43   | 5.450G         | 44   | 5.567G         |
| 45                                               | 5.680G         | 46   | 5.581G         | 47   | 5.270G         | 48   | 5.633G         |
| 49                                               | 5.676G         | 50   | 5.353G         | 51   | 5.456G         | 52   | 5.454G         |
| 53                                               | 5.446G         | 54   | 5.532G         | 55   | 5.665G         | 56   | 5.443G         |
| 57                                               | 5.432G         | 58   | 5.371G         | 59   | 5.269G         | 60   | 5.559G         |
| 61                                               | 5.386G         | 62   | 5.535G         | 63   | 5.308G         | 64   | 5.451G         |
| 65                                               | 5.276G         | 66   | 5.718G         | 67   | 5.719G         | 68   | 5.287G         |
| 69                                               | 5.636G         | 70   | 5.292G         | 71   | 5.490G         | 72   | 5.700G         |
| 73                                               | 5.303G         | 74   | 5.569G         | 75   | 5.489G         | 76   | 5.364G         |
| 77                                               | 5.564G         | 78   | 5.335G         | 79   | 5.340G         | 80   | 5.326G         |
| 81                                               | 5.677G         | 82   | 5.375G         | 83   | 5.664G         | 84   | 5.427G         |
| 85                                               | 5.538G         | 86   | 5.509G         | 87   | 5.420G         | 88   | 5.344G         |
| 89                                               | 5.462G         | 90   | 5.682G         | 91   | 5.565G         | 92   | 5.691G         |
| 93                                               | 5.355G         | 94   | 5.687G         | 95   | 5.652G         | 96   | 5.352G         |
| 97                                               | 5.416G         | 98   | 5.286G         | 99   | 5.684G         | 100  | 5.425G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_03

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.715G         | 2    | 5.431G         | 3    | 5.262G         | 4    | 5.608G         |
| 5    | 5.436G         | 6    | 5.354G         | 7    | 5.555G         | 8    | 5.545G         |
| 9    | 5.322G         | 10   | 5.379G         | 11   | 5.513G         | 12   | 5.254G         |
| 13   | 5.468G         | 14   | 5.449G         | 15   | 5.470G         | 16   | 5.616G         |
| 17   | 5.287G         | 18   | 5.393G         | 19   | 5.560G         | 20   | 5.256G         |
| 21   | 5.689G         | 22   | 5.647G         | 23   | 5.707G         | 24   | 5.413G         |
| 25   | 5.364G         | 26   | 5.445G         | 27   | 5.485G         | 28   | 5.615G         |
| 29   | 5.566G         | 30   | 5.610G         | 31   | 5.359G         | 32   | 5.723G         |
| 33   | 5.629G         | 34   | 5.312G         | 35   | 5.296G         | 36   | 5.341G         |
| 37   | 5.400G         | 38   | 5.611G         | 39   | 5.475G         | 40   | 5.463G         |
| 41   | 5.625G         | 42   | 5.412G         | 43   | 5.573G         | 44   | 5.434G         |
| 45   | 5.457G         | 46   | 5.540G         | 47   | 5.264G         | 48   | 5.496G         |
| 49   | 5.706G         | 50   | 5.724G         | 51   | 5.597G         | 52   | 5.299G         |
| 53   | 5.324G         | 54   | 5.539G         | 55   | 5.455G         | 56   | 5.547G         |
| 57   | 5.542G         | 58   | 5.631G         | 59   | 5.367G         | 60   | 5.363G         |
| 61   | 5.601G         | 62   | 5.714G         | 63   | 5.590G         | 64   | 5.365G         |
| 65   | 5.578G         | 66   | 5.453G         | 67   | 5.416G         | 68   | 5.471G         |
| 69   | 5.698G         | 70   | 5.323G         | 71   | 5.605G         | 72   | 5.635G         |
| 73   | 5.537G         | 74   | 5.352G         | 75   | 5.339G         | 76   | 5.378G         |
| 77   | 5.317G         | 78   | 5.257G         | 79   | 5.717G         | 80   | 5.637G         |
| 81   | 5.654G         | 82   | 5.361G         | 83   | 5.511G         | 84   | 5.510G         |
| 85   | 5.380G         | 86   | 5.594G         | 87   | 5.699G         | 88   | 5.600G         |
| 89   | 5.648G         | 90   | 5.683G         | 91   | 5.671G         | 92   | 5.283G         |
| 93   | 5.684G         | 94   | 5.508G         | 95   | 5.337G         | 96   | 5.342G         |
| 97   | 5.617G         | 98   | 5.278G         | 99   | 5.398G         | 100  | 5.497G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_04 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.267G         | 2    | 5.612G         | 3    | 5.554G         | 4    | 5.569G         |
| 5                                                | 5.698G         | 6    | 5.718G         | 7    | 5.288G         | 8    | 5.716G         |
| 9                                                | 5.621G         | 10   | 5.723G         | 11   | 5.322G         | 12   | 5.511G         |
| 13                                               | 5.570G         | 14   | 5.683G         | 15   | 5.721G         | 16   | 5.530G         |
| 17                                               | 5.508G         | 18   | 5.451G         | 19   | 5.416G         | 20   | 5.521G         |
| 21                                               | 5.501G         | 22   | 5.460G         | 23   | 5.527G         | 24   | 5.699G         |
| 25                                               | 5.363G         | 26   | 5.470G         | 27   | 5.304G         | 28   | 5.623G         |
| 29                                               | 5.453G         | 30   | 5.426G         | 31   | 5.441G         | 32   | 5.579G         |
| 33                                               | 5.398G         | 34   | 5.669G         | 35   | 5.333G         | 36   | 5.468G         |
| 37                                               | 5.557G         | 38   | 5.517G         | 39   | 5.665G         | 40   | 5.610G         |
| 41                                               | 5.448G         | 42   | 5.629G         | 43   | 5.380G         | 44   | 5.262G         |
| 45                                               | 5.597G         | 46   | 5.285G         | 47   | 5.318G         | 48   | 5.266G         |
| 49                                               | 5.270G         | 50   | 5.381G         | 51   | 5.315G         | 52   | 5.401G         |
| 53                                               | 5.463G         | 54   | 5.298G         | 55   | 5.607G         | 56   | 5.700G         |
| 57                                               | 5.711G         | 58   | 5.417G         | 59   | 5.717G         | 60   | 5.360G         |
| 61                                               | 5.429G         | 62   | 5.654G         | 63   | 5.524G         | 64   | 5.496G         |
| 65                                               | 5.445G         | 66   | 5.499G         | 67   | 5.280G         | 68   | 5.386G         |
| 69                                               | 5.351G         | 70   | 5.687G         | 71   | 5.584G         | 72   | 5.356G         |
| 73                                               | 5.661G         | 74   | 5.589G         | 75   | 5.663G         | 76   | 5.657G         |
| 77                                               | 5.478G         | 78   | 5.659G         | 79   | 5.389G         | 80   | 5.513G         |
| 81                                               | 5.555G         | 82   | 5.458G         | 83   | 5.502G         | 84   | 5.420G         |
| 85                                               | 5.549G         | 86   | 5.690G         | 87   | 5.641G         | 88   | 5.648G         |
| 89                                               | 5.452G         | 90   | 5.473G         | 91   | 5.542G         | 92   | 5.588G         |
| 93                                               | 5.632G         | 94   | 5.439G         | 95   | 5.250G         | 96   | 5.348G         |
| 97                                               | 5.466G         | 98   | 5.541G         | 99   | 5.481G         | 100  | 5.562G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_05

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.538G         | 2    | 5.423G         | 3    | 5.481G         | 4    | 5.307G         |
| 5    | 5.357G         | 6    | 5.593G         | 7    | 5.615G         | 8    | 5.404G         |
| 9    | 5.711G         | 10   | 5.490G         | 11   | 5.550G         | 12   | 5.416G         |
| 13   | 5.519G         | 14   | 5.541G         | 15   | 5.339G         | 16   | 5.612G         |
| 17   | 5.699G         | 18   | 5.653G         | 19   | 5.350G         | 20   | 5.369G         |
| 21   | 5.373G         | 22   | 5.656G         | 23   | 5.672G         | 24   | 5.688G         |
| 25   | 5.403G         | 26   | 5.522G         | 27   | 5.665G         | 28   | 5.675G         |
| 29   | 5.297G         | 30   | 5.402G         | 31   | 5.588G         | 32   | 5.673G         |
| 33   | 5.421G         | 34   | 5.512G         | 35   | 5.537G         | 36   | 5.715G         |
| 37   | 5.299G         | 38   | 5.686G         | 39   | 5.263G         | 40   | 5.679G         |
| 41   | 5.391G         | 42   | 5.313G         | 43   | 5.480G         | 44   | 5.561G         |
| 45   | 5.523G         | 46   | 5.389G         | 47   | 5.692G         | 48   | 5.569G         |
| 49   | 5.556G         | 50   | 5.578G         | 51   | 5.425G         | 52   | 5.517G         |
| 53   | 5.475G         | 54   | 5.532G         | 55   | 5.255G         | 56   | 5.375G         |
| 57   | 5.349G         | 58   | 5.436G         | 59   | 5.424G         | 60   | 5.271G         |
| 61   | 5.390G         | 62   | 5.585G         | 63   | 5.652G         | 64   | 5.486G         |
| 65   | 5.722G         | 66   | 5.280G         | 67   | 5.554G         | 68   | 5.514G         |
| 69   | 5.587G         | 70   | 5.683G         | 71   | 5.321G         | 72   | 5.547G         |
| 73   | 5.590G         | 74   | 5.432G         | 75   | 5.548G         | 76   | 5.657G         |
| 77   | 5.279G         | 78   | 5.693G         | 79   | 5.671G         | 80   | 5.539G         |
| 81   | 5.438G         | 82   | 5.301G         | 83   | 5.544G         | 84   | 5.670G         |
| 85   | 5.346G         | 86   | 5.463G         | 87   | 5.394G         | 88   | 5.567G         |
| 89   | 5.526G         | 90   | 5.434G         | 91   | 5.467G         | 92   | 5.611G         |
| 93   | 5.295G         | 94   | 5.647G         | 95   | 5.602G         | 96   | 5.318G         |
| 97   | 5.714G         | 98   | 5.649G         | 99   | 5.695G         | 100  | 5.630G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_06 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.527G         | 2    | 5.604G         | 3    | 5.380G         | 4    | 5.393G         |
| 5                                                | 5.280G         | 6    | 5.665G         | 7    | 5.273G         | 8    | 5.473G         |
| 9                                                | 5.566G         | 10   | 5.647G         | 11   | 5.694G         | 12   | 5.645G         |
| 13                                               | 5.528G         | 14   | 5.359G         | 15   | 5.369G         | 16   | 5.564G         |
| 17                                               | 5.497G         | 18   | 5.669G         | 19   | 5.508G         | 20   | 5.459G         |
| 21                                               | 5.342G         | 22   | 5.563G         | 23   | 5.531G         | 24   | 5.605G         |
| 25                                               | 5.322G         | 26   | 5.436G         | 27   | 5.394G         | 28   | 5.611G         |
| 29                                               | 5.295G         | 30   | 5.441G         | 31   | 5.622G         | 32   | 5.469G         |
| 33                                               | 5.652G         | 34   | 5.638G         | 35   | 5.308G         | 36   | 5.375G         |
| 37                                               | 5.374G         | 38   | 5.309G         | 39   | 5.439G         | 40   | 5.626G         |
| 41                                               | 5.688G         | 42   | 5.345G         | 43   | 5.514G         | 44   | 5.646G         |
| 45                                               | 5.602G         | 46   | 5.666G         | 47   | 5.254G         | 48   | 5.271G         |
| 49                                               | 5.347G         | 50   | 5.470G         | 51   | 5.408G         | 52   | 5.700G         |
| 53                                               | 5.467G         | 54   | 5.480G         | 55   | 5.337G         | 56   | 5.673G         |
| 57                                               | 5.506G         | 58   | 5.417G         | 59   | 5.512G         | 60   | 5.348G         |
| 61                                               | 5.317G         | 62   | 5.621G         | 63   | 5.368G         | 64   | 5.557G         |
| 65                                               | 5.722G         | 66   | 5.266G         | 67   | 5.363G         | 68   | 5.678G         |
| 69                                               | 5.305G         | 70   | 5.485G         | 71   | 5.352G         | 72   | 5.668G         |
| 73                                               | 5.720G         | 74   | 5.509G         | 75   | 5.403G         | 76   | 5.460G         |
| 77                                               | 5.351G         | 78   | 5.556G         | 79   | 5.259G         | 80   | 5.629G         |
| 81                                               | 5.454G         | 82   | 5.723G         | 83   | 5.291G         | 84   | 5.356G         |
| 85                                               | 5.496G         | 86   | 5.681G         | 87   | 5.376G         | 88   | 5.689G         |
| 89                                               | 5.461G         | 90   | 5.711G         | 91   | 5.381G         | 92   | 5.279G         |
| 93                                               | 5.267G         | 94   | 5.533G         | 95   | 5.367G         | 96   | 5.361G         |
| 97                                               | 5.468G         | 98   | 5.389G         | 99   | 5.261G         | 100  | 5.357G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_07

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.273G         | 2    | 5.275G         | 3    | 5.630G         | 4    | 5.277G         |
| 5    | 5.532G         | 6    | 5.396G         | 7    | 5.342G         | 8    | 5.379G         |
| 9    | 5.283G         | 10   | 5.475G         | 11   | 5.423G         | 12   | 5.571G         |
| 13   | 5.516G         | 14   | 5.382G         | 15   | 5.467G         | 16   | 5.429G         |
| 17   | 5.537G         | 18   | 5.386G         | 19   | 5.678G         | 20   | 5.544G         |
| 21   | 5.657G         | 22   | 5.527G         | 23   | 5.340G         | 24   | 5.470G         |
| 25   | 5.440G         | 26   | 5.332G         | 27   | 5.406G         | 28   | 5.373G         |
| 29   | 5.299G         | 30   | 5.385G         | 31   | 5.314G         | 32   | 5.255G         |
| 33   | 5.503G         | 34   | 5.507G         | 35   | 5.335G         | 36   | 5.476G         |
| 37   | 5.310G         | 38   | 5.383G         | 39   | 5.337G         | 40   | 5.518G         |
| 41   | 5.464G         | 42   | 5.674G         | 43   | 5.560G         | 44   | 5.322G         |
| 45   | 5.631G         | 46   | 5.446G         | 47   | 5.270G         | 48   | 5.708G         |
| 49   | 5.590G         | 50   | 5.365G         | 51   | 5.591G         | 52   | 5.706G         |
| 53   | 5.318G         | 54   | 5.402G         | 55   | 5.703G         | 56   | 5.662G         |
| 57   | 5.457G         | 58   | 5.414G         | 59   | 5.278G         | 60   | 5.308G         |
| 61   | 5.569G         | 62   | 5.407G         | 63   | 5.426G         | 64   | 5.376G         |
| 65   | 5.321G         | 66   | 5.384G         | 67   | 5.381G         | 68   | 5.542G         |
| 69   | 5.558G         | 70   | 5.472G         | 71   | 5.684G         | 72   | 5.553G         |
| 73   | 5.306G         | 74   | 5.401G         | 75   | 5.715G         | 76   | 5.458G         |
| 77   | 5.575G         | 78   | 5.654G         | 79   | 5.352G         | 80   | 5.671G         |
| 81   | 5.710G         | 82   | 5.479G         | 83   | 5.690G         | 84   | 5.297G         |
| 85   | 5.528G         | 86   | 5.276G         | 87   | 5.368G         | 88   | 5.585G         |
| 89   | 5.596G         | 90   | 5.353G         | 91   | 5.681G         | 92   | 5.442G         |
| 93   | 5.266G         | 94   | 5.268G         | 95   | 5.291G         | 96   | 5.615G         |
| 97   | 5.416G         | 98   | 5.699G         | 99   | 5.663G         | 100  | 5.293G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_08

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.706G         | 2    | 5.662G         | 3    | 5.360G         | 4    | 5.585G         |
| 5    | 5.609G         | 6    | 5.471G         | 7    | 5.569G         | 8    | 5.485G         |
| 9    | 5.292G         | 10   | 5.673G         | 11   | 5.486G         | 12   | 5.626G         |
| 13   | 5.430G         | 14   | 5.563G         | 15   | 5.659G         | 16   | 5.287G         |
| 17   | 5.687G         | 18   | 5.719G         | 19   | 5.616G         | 20   | 5.668G         |
| 21   | 5.621G         | 22   | 5.591G         | 23   | 5.329G         | 24   | 5.558G         |
| 25   | 5.540G         | 26   | 5.623G         | 27   | 5.393G         | 28   | 5.712G         |
| 29   | 5.689G         | 30   | 5.370G         | 31   | 5.451G         | 32   | 5.545G         |
| 33   | 5.448G         | 34   | 5.394G         | 35   | 5.588G         | 36   | 5.633G         |
| 37   | 5.561G         | 38   | 5.418G         | 39   | 5.522G         | 40   | 5.707G         |
| 41   | 5.480G         | 42   | 5.414G         | 43   | 5.491G         | 44   | 5.312G         |
| 45   | 5.704G         | 46   | 5.317G         | 47   | 5.291G         | 48   | 5.319G         |
| 49   | 5.321G         | 50   | 5.681G         | 51   | 5.273G         | 52   | 5.473G         |
| 53   | 5.547G         | 54   | 5.457G         | 55   | 5.404G         | 56   | 5.456G         |
| 57   | 5.296G         | 58   | 5.299G         | 59   | 5.358G         | 60   | 5.684G         |
| 61   | 5.705G         | 62   | 5.581G         | 63   | 5.355G         | 64   | 5.592G         |
| 65   | 5.575G         | 66   | 5.436G         | 67   | 5.284G         | 68   | 5.381G         |
| 69   | 5.542G         | 70   | 5.388G         | 71   | 5.267G         | 72   | 5.254G         |
| 73   | 5.643G         | 74   | 5.257G         | 75   | 5.618G         | 76   | 5.332G         |
| 77   | 5.560G         | 78   | 5.647G         | 79   | 5.362G         | 80   | 5.677G         |
| 81   | 5.670G         | 82   | 5.651G         | 83   | 5.656G         | 84   | 5.425G         |
| 85   | 5.584G         | 86   | 5.612G         | 87   | 5.379G         | 88   | 5.368G         |
| 89   | 5.600G         | 90   | 5.489G         | 91   | 5.657G         | 92   | 5.357G         |
| 93   | 5.263G         | 94   | 5.277G         | 95   | 5.583G         | 96   | 5.555G         |
| 97   | 5.307G         | 98   | 5.658G         | 99   | 5.286G         | 100  | 5.487G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_09 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.358G         | 2    | 5.423G         | 3    | 5.255G         | 4    | 5.380G         |
| 5                                                | 5.477G         | 6    | 5.387G         | 7    | 5.724G         | 8    | 5.629G         |
| 9                                                | 5.466G         | 10   | 5.254G         | 11   | 5.611G         | 12   | 5.379G         |
| 13                                               | 5.395G         | 14   | 5.702G         | 15   | 5.508G         | 16   | 5.543G         |
| 17                                               | 5.261G         | 18   | 5.360G         | 19   | 5.696G         | 20   | 5.411G         |
| 21                                               | 5.394G         | 22   | 5.460G         | 23   | 5.592G         | 24   | 5.528G         |
| 25                                               | 5.692G         | 26   | 5.449G         | 27   | 5.281G         | 28   | 5.285G         |
| 29                                               | 5.279G         | 30   | 5.558G         | 31   | 5.348G         | 32   | 5.496G         |
| 33                                               | 5.418G         | 34   | 5.647G         | 35   | 5.661G         | 36   | 5.517G         |
| 37                                               | 5.607G         | 38   | 5.359G         | 39   | 5.636G         | 40   | 5.650G         |
| 41                                               | 5.559G         | 42   | 5.642G         | 43   | 5.713G         | 44   | 5.274G         |
| 45                                               | 5.322G         | 46   | 5.604G         | 47   | 5.667G         | 48   | 5.674G         |
| 49                                               | 5.564G         | 50   | 5.414G         | 51   | 5.627G         | 52   | 5.489G         |
| 53                                               | 5.431G         | 54   | 5.298G         | 55   | 5.439G         | 56   | 5.353G         |
| 57                                               | 5.339G         | 58   | 5.398G         | 59   | 5.457G         | 60   | 5.497G         |
| 61                                               | 5.511G         | 62   | 5.390G         | 63   | 5.710G         | 64   | 5.407G         |
| 65                                               | 5.334G         | 66   | 5.609G         | 67   | 5.665G         | 68   | 5.263G         |
| 69                                               | 5.706G         | 70   | 5.259G         | 71   | 5.484G         | 72   | 5.479G         |
| 73                                               | 5.381G         | 74   | 5.693G         | 75   | 5.341G         | 76   | 5.351G         |
| 77                                               | 5.614G         | 78   | 5.566G         | 79   | 5.422G         | 80   | 5.475G         |
| 81                                               | 5.467G         | 82   | 5.386G         | 83   | 5.492G         | 84   | 5.705G         |
| 85                                               | 5.504G         | 86   | 5.399G         | 87   | 5.286G         | 88   | 5.610G         |
| 89                                               | 5.267G         | 90   | 5.670G         | 91   | 5.646G         | 92   | 5.265G         |
| 93                                               | 5.486G         | 94   | 5.635G         | 95   | 5.615G         | 96   | 5.608G         |
| 97                                               | 5.633G         | 98   | 5.514G         | 99   | 5.723G         | 100  | 5.372G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_10 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.597G         | 2    | 5.266G         | 3    | 5.337G         | 4    | 5.578G         |
| 5                                                | 5.512G         | 6    | 5.712G         | 7    | 5.553G         | 8    | 5.671G         |
| 9                                                | 5.628G         | 10   | 5.713G         | 11   | 5.392G         | 12   | 5.346G         |
| 13                                               | 5.681G         | 14   | 5.520G         | 15   | 5.356G         | 16   | 5.488G         |
| 17                                               | 5.257G         | 18   | 5.393G         | 19   | 5.458G         | 20   | 5.605G         |
| 21                                               | 5.297G         | 22   | 5.287G         | 23   | 5.637G         | 24   | 5.710G         |
| 25                                               | 5.505G         | 26   | 5.549G         | 27   | 5.455G         | 28   | 5.385G         |
| 29                                               | 5.344G         | 30   | 5.402G         | 31   | 5.534G         | 32   | 5.452G         |
| 33                                               | 5.404G         | 34   | 5.461G         | 35   | 5.363G         | 36   | 5.322G         |
| 37                                               | 5.309G         | 38   | 5.638G         | 39   | 5.299G         | 40   | 5.445G         |
| 41                                               | 5.368G         | 42   | 5.288G         | 43   | 5.624G         | 44   | 5.516G         |
| 45                                               | 5.298G         | 46   | 5.548G         | 47   | 5.694G         | 48   | 5.685G         |
| 49                                               | 5.716G         | 50   | 5.500G         | 51   | 5.618G         | 52   | 5.431G         |
| 53                                               | 5.286G         | 54   | 5.547G         | 55   | 5.328G         | 56   | 5.351G         |
| 57                                               | 5.595G         | 58   | 5.253G         | 59   | 5.723G         | 60   | 5.350G         |
| 61                                               | 5.613G         | 62   | 5.542G         | 63   | 5.325G         | 64   | 5.255G         |
| 65                                               | 5.433G         | 66   | 5.469G         | 67   | 5.539G         | 68   | 5.420G         |
| 69                                               | 5.487G         | 70   | 5.345G         | 71   | 5.634G         | 72   | 5.483G         |
| 73                                               | 5.606G         | 74   | 5.722G         | 75   | 5.399G         | 76   | 5.386G         |
| 77                                               | 5.342G         | 78   | 5.459G         | 79   | 5.689G         | 80   | 5.658G         |
| 81                                               | 5.599G         | 82   | 5.557G         | 83   | 5.478G         | 84   | 5.477G         |
| 85                                               | 5.603G         | 86   | 5.473G         | 87   | 5.410G         | 88   | 5.540G         |
| 89                                               | 5.446G         | 90   | 5.443G         | 91   | 5.623G         | 92   | 5.550G         |
| 93                                               | 5.616G         | 94   | 5.670G         | 95   | 5.376G         | 96   | 5.341G         |
| 97                                               | 5.412G         | 98   | 5.596G         | 99   | 5.693G         | 100  | 5.347G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_11

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.481G         | 2    | 5.267G         | 3    | 5.677G         | 4    | 5.358G         |
| 5    | 5.424G         | 6    | 5.457G         | 7    | 5.486G         | 8    | 5.285G         |
| 9    | 5.455G         | 10   | 5.632G         | 11   | 5.637G         | 12   | 5.679G         |
| 13   | 5.534G         | 14   | 5.651G         | 15   | 5.341G         | 16   | 5.376G         |
| 17   | 5.580G         | 18   | 5.705G         | 19   | 5.505G         | 20   | 5.438G         |
| 21   | 5.610G         | 22   | 5.606G         | 23   | 5.682G         | 24   | 5.578G         |
| 25   | 5.627G         | 26   | 5.674G         | 27   | 5.410G         | 28   | 5.370G         |
| 29   | 5.631G         | 30   | 5.475G         | 31   | 5.514G         | 32   | 5.694G         |
| 33   | 5.405G         | 34   | 5.555G         | 35   | 5.659G         | 36   | 5.420G         |
| 37   | 5.533G         | 38   | 5.575G         | 39   | 5.508G         | 40   | 5.266G         |
| 41   | 5.471G         | 42   | 5.657G         | 43   | 5.392G         | 44   | 5.339G         |
| 45   | 5.562G         | 46   | 5.348G         | 47   | 5.497G         | 48   | 5.278G         |
| 49   | 5.628G         | 50   | 5.643G         | 51   | 5.292G         | 52   | 5.528G         |
| 53   | 5.595G         | 54   | 5.450G         | 55   | 5.461G         | 56   | 5.387G         |
| 57   | 5.665G         | 58   | 5.257G         | 59   | 5.454G         | 60   | 5.301G         |
| 61   | 5.540G         | 62   | 5.571G         | 63   | 5.391G         | 64   | 5.568G         |
| 65   | 5.343G         | 66   | 5.347G         | 67   | 5.565G         | 68   | 5.718G         |
| 69   | 5.646G         | 70   | 5.488G         | 71   | 5.608G         | 72   | 5.710G         |
| 73   | 5.569G         | 74   | 5.377G         | 75   | 5.408G         | 76   | 5.572G         |
| 77   | 5.626G         | 78   | 5.666G         | 79   | 5.412G         | 80   | 5.284G         |
| 81   | 5.473G         | 82   | 5.459G         | 83   | 5.402G         | 84   | 5.416G         |
| 85   | 5.480G         | 86   | 5.525G         | 87   | 5.413G         | 88   | 5.519G         |
| 89   | 5.375G         | 90   | 5.602G         | 91   | 5.640G         | 92   | 5.478G         |
| 93   | 5.418G         | 94   | 5.653G         | 95   | 5.681G         | 96   | 5.421G         |
| 97   | 5.638G         | 98   | 5.714G         | 99   | 5.536G         | 100  | 5.673G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_12

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.585G         | 2    | 5.257G         | 3    | 5.621G         | 4    | 5.720G         |
| 5    | 5.611G         | 6    | 5.538G         | 7    | 5.556G         | 8    | 5.427G         |
| 9    | 5.657G         | 10   | 5.628G         | 11   | 5.508G         | 12   | 5.367G         |
| 13   | 5.291G         | 14   | 5.341G         | 15   | 5.300G         | 16   | 5.485G         |
| 17   | 5.630G         | 18   | 5.648G         | 19   | 5.697G         | 20   | 5.378G         |
| 21   | 5.386G         | 22   | 5.711G         | 23   | 5.584G         | 24   | 5.350G         |
| 25   | 5.365G         | 26   | 5.337G         | 27   | 5.501G         | 28   | 5.272G         |
| 29   | 5.463G         | 30   | 5.420G         | 31   | 5.668G         | 32   | 5.283G         |
| 33   | 5.323G         | 34   | 5.640G         | 35   | 5.629G         | 36   | 5.502G         |
| 37   | 5.612G         | 38   | 5.329G         | 39   | 5.469G         | 40   | 5.701G         |
| 41   | 5.588G         | 42   | 5.295G         | 43   | 5.418G         | 44   | 5.683G         |
| 45   | 5.315G         | 46   | 5.573G         | 47   | 5.517G         | 48   | 5.592G         |
| 49   | 5.387G         | 50   | 5.311G         | 51   | 5.595G         | 52   | 5.580G         |
| 53   | 5.445G         | 54   | 5.381G         | 55   | 5.318G         | 56   | 5.523G         |
| 57   | 5.271G         | 58   | 5.705G         | 59   | 5.712G         | 60   | 5.669G         |
| 61   | 5.715G         | 62   | 5.507G         | 63   | 5.623G         | 64   | 5.491G         |
| 65   | 5.515G         | 66   | 5.604G         | 67   | 5.267G         | 68   | 5.368G         |
| 69   | 5.625G         | 70   | 5.714G         | 71   | 5.581G         | 72   | 5.407G         |
| 73   | 5.665G         | 74   | 5.475G         | 75   | 5.616G         | 76   | 5.276G         |
| 77   | 5.474G         | 78   | 5.716G         | 79   | 5.423G         | 80   | 5.302G         |
| 81   | 5.410G         | 82   | 5.496G         | 83   | 5.471G         | 84   | 5.413G         |
| 85   | 5.339G         | 86   | 5.565G         | 87   | 5.266G         | 88   | 5.352G         |
| 89   | 5.521G         | 90   | 5.275G         | 91   | 5.652G         | 92   | 5.653G         |
| 93   | 5.601G         | 94   | 5.593G         | 95   | 5.681G         | 96   | 5.656G         |
| 97   | 5.476G         | 98   | 5.498G         | 99   | 5.348G         | 100  | 5.446G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_13

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.303G         | 2    | 5.525G         | 3    | 5.524G         | 4    | 5.392G         |
| 5    | 5.396G         | 6    | 5.518G         | 7    | 5.534G         | 8    | 5.685G         |
| 9    | 5.573G         | 10   | 5.406G         | 11   | 5.468G         | 12   | 5.389G         |
| 13   | 5.492G         | 14   | 5.341G         | 15   | 5.585G         | 16   | 5.540G         |
| 17   | 5.323G         | 18   | 5.653G         | 19   | 5.652G         | 20   | 5.269G         |
| 21   | 5.460G         | 22   | 5.387G         | 23   | 5.443G         | 24   | 5.424G         |
| 25   | 5.643G         | 26   | 5.678G         | 27   | 5.312G         | 28   | 5.526G         |
| 29   | 5.675G         | 30   | 5.626G         | 31   | 5.515G         | 32   | 5.668G         |
| 33   | 5.495G         | 34   | 5.611G         | 35   | 5.633G         | 36   | 5.408G         |
| 37   | 5.344G         | 38   | 5.305G         | 39   | 5.493G         | 40   | 5.623G         |
| 41   | 5.717G         | 42   | 5.411G         | 43   | 5.569G         | 44   | 5.516G         |
| 45   | 5.478G         | 46   | 5.538G         | 47   | 5.673G         | 48   | 5.255G         |
| 49   | 5.566G         | 50   | 5.340G         | 51   | 5.512G         | 52   | 5.463G         |
| 53   | 5.561G         | 54   | 5.661G         | 55   | 5.624G         | 56   | 5.713G         |
| 57   | 5.256G         | 58   | 5.533G         | 59   | 5.322G         | 60   | 5.503G         |
| 61   | 5.487G         | 62   | 5.394G         | 63   | 5.638G         | 64   | 5.436G         |
| 65   | 5.311G         | 66   | 5.635G         | 67   | 5.298G         | 68   | 5.284G         |
| 69   | 5.375G         | 70   | 5.336G         | 71   | 5.694G         | 72   | 5.456G         |
| 73   | 5.295G         | 74   | 5.577G         | 75   | 5.605G         | 76   | 5.625G         |
| 77   | 5.417G         | 78   | 5.592G         | 79   | 5.437G         | 80   | 5.627G         |
| 81   | 5.629G         | 82   | 5.388G         | 83   | 5.414G         | 84   | 5.264G         |
| 85   | 5.572G         | 86   | 5.701G         | 87   | 5.360G         | 88   | 5.508G         |
| 89   | 5.689G         | 90   | 5.266G         | 91   | 5.707G         | 92   | 5.543G         |
| 93   | 5.671G         | 94   | 5.632G         | 95   | 5.596G         | 96   | 5.407G         |
| 97   | 5.510G         | 98   | 5.612G         | 99   | 5.337G         | 100  | 5.576G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_14 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.320G         | 2    | 5.569G         | 3    | 5.430G         | 4    | 5.515G         |
| 5                                                | 5.378G         | 6    | 5.686G         | 7    | 5.418G         | 8    | 5.682G         |
| 9                                                | 5.367G         | 10   | 5.715G         | 11   | 5.444G         | 12   | 5.405G         |
| 13                                               | 5.695G         | 14   | 5.421G         | 15   | 5.574G         | 16   | 5.293G         |
| 17                                               | 5.266G         | 18   | 5.450G         | 19   | 5.462G         | 20   | 5.524G         |
| 21                                               | 5.499G         | 22   | 5.520G         | 23   | 5.455G         | 24   | 5.270G         |
| 25                                               | 5.345G         | 26   | 5.560G         | 27   | 5.466G         | 28   | 5.491G         |
| 29                                               | 5.498G         | 30   | 5.602G         | 31   | 5.274G         | 32   | 5.550G         |
| 33                                               | 5.393G         | 34   | 5.454G         | 35   | 5.268G         | 36   | 5.590G         |
| 37                                               | 5.608G         | 38   | 5.424G         | 39   | 5.600G         | 40   | 5.276G         |
| 41                                               | 5.305G         | 42   | 5.374G         | 43   | 5.588G         | 44   | 5.662G         |
| 45                                               | 5.541G         | 46   | 5.516G         | 47   | 5.463G         | 48   | 5.677G         |
| 49                                               | 5.555G         | 50   | 5.540G         | 51   | 5.649G         | 52   | 5.484G         |
| 53                                               | 5.639G         | 54   | 5.641G         | 55   | 5.655G         | 56   | 5.316G         |
| 57                                               | 5.678G         | 58   | 5.357G         | 59   | 5.547G         | 60   | 5.269G         |
| 61                                               | 5.397G         | 62   | 5.318G         | 63   | 5.302G         | 64   | 5.596G         |
| 65                                               | 5.411G         | 66   | 5.538G         | 67   | 5.568G         | 68   | 5.626G         |
| 69                                               | 5.694G         | 70   | 5.671G         | 71   | 5.323G         | 72   | 5.267G         |
| 73                                               | 5.693G         | 74   | 5.643G         | 75   | 5.443G         | 76   | 5.598G         |
| 77                                               | 5.502G         | 78   | 5.528G         | 79   | 5.341G         | 80   | 5.445G         |
| 81                                               | 5.691G         | 82   | 5.353G         | 83   | 5.368G         | 84   | 5.575G         |
| 85                                               | 5.344G         | 86   | 5.440G         | 87   | 5.489G         | 88   | 5.501G         |
| 89                                               | 5.292G         | 90   | 5.355G         | 91   | 5.534G         | 92   | 5.642G         |
| 93                                               | 5.423G         | 94   | 5.545G         | 95   | 5.470G         | 96   | 5.409G         |
| 97                                               | 5.425G         | 98   | 5.612G         | 99   | 5.651G         | 100  | 5.688G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_15 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.679G         | 2    | 5.438G         | 3    | 5.375G         | 4    | 5.447G         |
| 5                                                | 5.698G         | 6    | 5.642G         | 7    | 5.366G         | 8    | 5.662G         |
| 9                                                | 5.653G         | 10   | 5.250G         | 11   | 5.299G         | 12   | 5.427G         |
| 13                                               | 5.303G         | 14   | 5.277G         | 15   | 5.283G         | 16   | 5.574G         |
| 17                                               | 5.720G         | 18   | 5.279G         | 19   | 5.455G         | 20   | 5.470G         |
| 21                                               | 5.638G         | 22   | 5.639G         | 23   | 5.323G         | 24   | 5.643G         |
| 25                                               | 5.619G         | 26   | 5.575G         | 27   | 5.633G         | 28   | 5.710G         |
| 29                                               | 5.411G         | 30   | 5.645G         | 31   | 5.712G         | 32   | 5.510G         |
| 33                                               | 5.604G         | 34   | 5.680G         | 35   | 5.284G         | 36   | 5.357G         |
| 37                                               | 5.397G         | 38   | 5.322G         | 39   | 5.294G         | 40   | 5.681G         |
| 41                                               | 5.555G         | 42   | 5.523G         | 43   | 5.591G         | 44   | 5.593G         |
| 45                                               | 5.392G         | 46   | 5.342G         | 47   | 5.401G         | 48   | 5.255G         |
| 49                                               | 5.363G         | 50   | 5.345G         | 51   | 5.348G         | 52   | 5.281G         |
| 53                                               | 5.449G         | 54   | 5.319G         | 55   | 5.671G         | 56   | 5.498G         |
| 57                                               | 5.558G         | 58   | 5.350G         | 59   | 5.464G         | 60   | 5.405G         |
| 61                                               | 5.717G         | 62   | 5.317G         | 63   | 5.669G         | 64   | 5.526G         |
| 65                                               | 5.530G         | 66   | 5.597G         | 67   | 5.329G         | 68   | 5.508G         |
| 69                                               | 5.270G         | 70   | 5.552G         | 71   | 5.634G         | 72   | 5.355G         |
| 73                                               | 5.646G         | 74   | 5.461G         | 75   | 5.516G         | 76   | 5.380G         |
| 77                                               | 5.263G         | 78   | 5.387G         | 79   | 5.306G         | 80   | 5.341G         |
| 81                                               | 5.605G         | 82   | 5.606G         | 83   | 5.687G         | 84   | 5.637G         |
| 85                                               | 5.362G         | 86   | 5.325G         | 87   | 5.305G         | 88   | 5.326G         |
| 89                                               | 5.688G         | 90   | 5.390G         | 91   | 5.477G         | 92   | 5.567G         |
| 93                                               | 5.320G         | 94   | 5.651G         | 95   | 5.499G         | 96   | 5.721G         |
| 97                                               | 5.296G         | 98   | 5.410G         | 99   | 5.673G         | 100  | 5.586G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_16

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.426G         | 2    | 5.604G         | 3    | 5.396G         | 4    | 5.259G         |
| 5    | 5.410G         | 6    | 5.543G         | 7    | 5.666G         | 8    | 5.395G         |
| 9    | 5.569G         | 10   | 5.340G         | 11   | 5.348G         | 12   | 5.690G         |
| 13   | 5.679G         | 14   | 5.628G         | 15   | 5.515G         | 16   | 5.588G         |
| 17   | 5.436G         | 18   | 5.547G         | 19   | 5.555G         | 20   | 5.385G         |
| 21   | 5.456G         | 22   | 5.563G         | 23   | 5.499G         | 24   | 5.573G         |
| 25   | 5.526G         | 26   | 5.264G         | 27   | 5.521G         | 28   | 5.528G         |
| 29   | 5.334G         | 30   | 5.363G         | 31   | 5.470G         | 32   | 5.386G         |
| 33   | 5.275G         | 34   | 5.693G         | 35   | 5.493G         | 36   | 5.427G         |
| 37   | 5.665G         | 38   | 5.446G         | 39   | 5.681G         | 40   | 5.382G         |
| 41   | 5.336G         | 42   | 5.416G         | 43   | 5.447G         | 44   | 5.390G         |
| 45   | 5.278G         | 46   | 5.685G         | 47   | 5.263G         | 48   | 5.342G         |
| 49   | 5.345G         | 50   | 5.343G         | 51   | 5.497G         | 52   | 5.653G         |
| 53   | 5.417G         | 54   | 5.309G         | 55   | 5.509G         | 56   | 5.579G         |
| 57   | 5.441G         | 58   | 5.684G         | 59   | 5.397G         | 60   | 5.341G         |
| 61   | 5.372G         | 62   | 5.315G         | 63   | 5.554G         | 64   | 5.540G         |
| 65   | 5.546G         | 66   | 5.268G         | 67   | 5.299G         | 68   | 5.561G         |
| 69   | 5.317G         | 70   | 5.656G         | 71   | 5.318G         | 72   | 5.703G         |
| 73   | 5.516G         | 74   | 5.544G         | 75   | 5.454G         | 76   | 5.414G         |
| 77   | 5.273G         | 78   | 5.574G         | 79   | 5.535G         | 80   | 5.380G         |
| 81   | 5.457G         | 82   | 5.595G         | 83   | 5.548G         | 84   | 5.466G         |
| 85   | 5.672G         | 86   | 5.271G         | 87   | 5.486G         | 88   | 5.650G         |
| 89   | 5.490G         | 90   | 5.699G         | 91   | 5.381G         | 92   | 5.581G         |
| 93   | 5.276G         | 94   | 5.550G         | 95   | 5.487G         | 96   | 5.402G         |
| 97   | 5.257G         | 98   | 5.406G         | 99   | 5.323G         | 100  | 5.371G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_17 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.421G         | 2    | 5.452G         | 3    | 5.547G         | 4    | 5.598G         |
| 5                                                | 5.335G         | 6    | 5.378G         | 7    | 5.572G         | 8    | 5.279G         |
| 9                                                | 5.419G         | 10   | 5.605G         | 11   | 5.553G         | 12   | 5.461G         |
| 13                                               | 5.406G         | 14   | 5.397G         | 15   | 5.293G         | 16   | 5.401G         |
| 17                                               | 5.435G         | 18   | 5.596G         | 19   | 5.683G         | 20   | 5.352G         |
| 21                                               | 5.480G         | 22   | 5.416G         | 23   | 5.575G         | 24   | 5.543G         |
| 25                                               | 5.708G         | 26   | 5.449G         | 27   | 5.652G         | 28   | 5.372G         |
| 29                                               | 5.661G         | 30   | 5.483G         | 31   | 5.588G         | 32   | 5.315G         |
| 33                                               | 5.251G         | 34   | 5.611G         | 35   | 5.667G         | 36   | 5.264G         |
| 37                                               | 5.283G         | 38   | 5.339G         | 39   | 5.592G         | 40   | 5.363G         |
| 41                                               | 5.629G         | 42   | 5.594G         | 43   | 5.518G         | 44   | 5.674G         |
| 45                                               | 5.573G         | 46   | 5.531G         | 47   | 5.323G         | 48   | 5.405G         |
| 49                                               | 5.353G         | 50   | 5.617G         | 51   | 5.468G         | 52   | 5.671G         |
| 53                                               | 5.695G         | 54   | 5.269G         | 55   | 5.515G         | 56   | 5.580G         |
| 57                                               | 5.649G         | 58   | 5.673G         | 59   | 5.299G         | 60   | 5.644G         |
| 61                                               | 5.509G         | 62   | 5.650G         | 63   | 5.500G         | 64   | 5.467G         |
| 65                                               | 5.344G         | 66   | 5.614G         | 67   | 5.538G         | 68   | 5.622G         |
| 69                                               | 5.645G         | 70   | 5.721G         | 71   | 5.368G         | 72   | 5.627G         |
| 73                                               | 5.260G         | 74   | 5.620G         | 75   | 5.601G         | 76   | 5.356G         |
| 77                                               | 5.413G         | 78   | 5.340G         | 79   | 5.451G         | 80   | 5.697G         |
| 81                                               | 5.643G         | 82   | 5.519G         | 83   | 5.444G         | 84   | 5.578G         |
| 85                                               | 5.624G         | 86   | 5.556G         | 87   | 5.551G         | 88   | 5.355G         |
| 89                                               | 5.677G         | 90   | 5.439G         | 91   | 5.548G         | 92   | 5.338G         |
| 93                                               | 5.277G         | 94   | 5.387G         | 95   | 5.252G         | 96   | 5.311G         |
| 97                                               | 5.651G         | 98   | 5.599G         | 99   | 5.574G         | 100  | 5.600G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_18

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.487G         | 2    | 5.444G         | 3    | 5.562G         | 4    | 5.715G         |
| 5    | 5.662G         | 6    | 5.308G         | 7    | 5.379G         | 8    | 5.453G         |
| 9    | 5.368G         | 10   | 5.629G         | 11   | 5.514G         | 12   | 5.329G         |
| 13   | 5.538G         | 14   | 5.356G         | 15   | 5.588G         | 16   | 5.391G         |
| 17   | 5.413G         | 18   | 5.700G         | 19   | 5.381G         | 20   | 5.618G         |
| 21   | 5.455G         | 22   | 5.558G         | 23   | 5.352G         | 24   | 5.582G         |
| 25   | 5.283G         | 26   | 5.709G         | 27   | 5.542G         | 28   | 5.394G         |
| 29   | 5.663G         | 30   | 5.689G         | 31   | 5.288G         | 32   | 5.262G         |
| 33   | 5.370G         | 34   | 5.371G         | 35   | 5.577G         | 36   | 5.702G         |
| 37   | 5.299G         | 38   | 5.465G         | 39   | 5.325G         | 40   | 5.503G         |
| 41   | 5.312G         | 42   | 5.549G         | 43   | 5.451G         | 44   | 5.314G         |
| 45   | 5.319G         | 46   | 5.274G         | 47   | 5.682G         | 48   | 5.388G         |
| 49   | 5.546G         | 50   | 5.513G         | 51   | 5.474G         | 52   | 5.713G         |
| 53   | 5.260G         | 54   | 5.251G         | 55   | 5.722G         | 56   | 5.408G         |
| 57   | 5.625G         | 58   | 5.392G         | 59   | 5.418G         | 60   | 5.389G         |
| 61   | 5.492G         | 62   | 5.668G         | 63   | 5.697G         | 64   | 5.482G         |
| 65   | 5.300G         | 66   | 5.647G         | 67   | 5.599G         | 68   | 5.494G         |
| 69   | 5.571G         | 70   | 5.348G         | 71   | 5.460G         | 72   | 5.716G         |
| 73   | 5.551G         | 74   | 5.327G         | 75   | 5.366G         | 76   | 5.509G         |
| 77   | 5.600G         | 78   | 5.406G         | 79   | 5.622G         | 80   | 5.495G         |
| 81   | 5.712G         | 82   | 5.404G         | 83   | 5.421G         | 84   | 5.464G         |
| 85   | 5.393G         | 86   | 5.470G         | 87   | 5.676G         | 88   | 5.617G         |
| 89   | 5.594G         | 90   | 5.637G         | 91   | 5.425G         | 92   | 5.691G         |
| 93   | 5.278G         | 94   | 5.410G         | 95   | 5.486G         | 96   | 5.632G         |
| 97   | 5.653G         | 98   | 5.400G         | 99   | 5.572G         | 100  | 5.426G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_19 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.329G         | 2    | 5.351G         | 3    | 5.639G         | 4    | 5.713G         |
| 5                                                | 5.256G         | 6    | 5.715G         | 7    | 5.672G         | 8    | 5.430G         |
| 9                                                | 5.291G         | 10   | 5.665G         | 11   | 5.459G         | 12   | 5.427G         |
| 13                                               | 5.693G         | 14   | 5.462G         | 15   | 5.571G         | 16   | 5.573G         |
| 17                                               | 5.474G         | 18   | 5.262G         | 19   | 5.596G         | 20   | 5.287G         |
| 21                                               | 5.327G         | 22   | 5.341G         | 23   | 5.326G         | 24   | 5.701G         |
| 25                                               | 5.457G         | 26   | 5.576G         | 27   | 5.681G         | 28   | 5.620G         |
| 29                                               | 5.325G         | 30   | 5.671G         | 31   | 5.543G         | 32   | 5.720G         |
| 33                                               | 5.521G         | 34   | 5.360G         | 35   | 5.485G         | 36   | 5.509G         |
| 37                                               | 5.408G         | 38   | 5.334G         | 39   | 5.555G         | 40   | 5.315G         |
| 41                                               | 5.417G         | 42   | 5.694G         | 43   | 5.623G         | 44   | 5.654G         |
| 45                                               | 5.253G         | 46   | 5.499G         | 47   | 5.544G         | 48   | 5.293G         |
| 49                                               | 5.708G         | 50   | 5.372G         | 51   | 5.366G         | 52   | 5.520G         |
| 53                                               | 5.302G         | 54   | 5.711G         | 55   | 5.590G         | 56   | 5.477G         |
| 57                                               | 5.349G         | 58   | 5.712G         | 59   | 5.305G         | 60   | 5.281G         |
| 61                                               | 5.383G         | 62   | 5.467G         | 63   | 5.397G         | 64   | 5.388G         |
| 65                                               | 5.527G         | 66   | 5.540G         | 67   | 5.651G         | 68   | 5.511G         |
| 69                                               | 5.386G         | 70   | 5.370G         | 71   | 5.580G         | 72   | 5.517G         |
| 73                                               | 5.684G         | 74   | 5.519G         | 75   | 5.435G         | 76   | 5.444G         |
| 77                                               | 5.535G         | 78   | 5.298G         | 79   | 5.699G         | 80   | 5.554G         |
| 81                                               | 5.514G         | 82   | 5.319G         | 83   | 5.473G         | 84   | 5.348G         |
| 85                                               | 5.705G         | 86   | 5.594G         | 87   | 5.323G         | 88   | 5.484G         |
| 89                                               | 5.506G         | 90   | 5.714G         | 91   | 5.411G         | 92   | 5.359G         |
| 93                                               | 5.421G         | 94   | 5.487G         | 95   | 5.258G         | 96   | 5.312G         |
| 97                                               | 5.491G         | 98   | 5.269G         | 99   | 5.320G         | 100  | 5.641G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_20 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.288G         | 2    | 5.291G         | 3    | 5.457G         | 4    | 5.252G         |
| 5                                                | 5.596G         | 6    | 5.598G         | 7    | 5.306G         | 8    | 5.434G         |
| 9                                                | 5.633G         | 10   | 5.625G         | 11   | 5.374G         | 12   | 5.477G         |
| 13                                               | 5.684G         | 14   | 5.272G         | 15   | 5.664G         | 16   | 5.441G         |
| 17                                               | 5.399G         | 18   | 5.586G         | 19   | 5.261G         | 20   | 5.656G         |
| 21                                               | 5.621G         | 22   | 5.373G         | 23   | 5.280G         | 24   | 5.376G         |
| 25                                               | 5.349G         | 26   | 5.530G         | 27   | 5.632G         | 28   | 5.348G         |
| 29                                               | 5.333G         | 30   | 5.618G         | 31   | 5.391G         | 32   | 5.283G         |
| 33                                               | 5.265G         | 34   | 5.273G         | 35   | 5.594G         | 36   | 5.440G         |
| 37                                               | 5.548G         | 38   | 5.651G         | 39   | 5.724G         | 40   | 5.584G         |
| 41                                               | 5.676G         | 42   | 5.682G         | 43   | 5.506G         | 44   | 5.294G         |
| 45                                               | 5.679G         | 46   | 5.323G         | 47   | 5.649G         | 48   | 5.497G         |
| 49                                               | 5.361G         | 50   | 5.337G         | 51   | 5.286G         | 52   | 5.268G         |
| 53                                               | 5.524G         | 54   | 5.513G         | 55   | 5.257G         | 56   | 5.300G         |
| 57                                               | 5.697G         | 58   | 5.504G         | 59   | 5.492G         | 60   | 5.607G         |
| 61                                               | 5.525G         | 62   | 5.377G         | 63   | 5.432G         | 64   | 5.310G         |
| 65                                               | 5.320G         | 66   | 5.661G         | 67   | 5.250G         | 68   | 5.493G         |
| 69                                               | 5.593G         | 70   | 5.346G         | 71   | 5.456G         | 72   | 5.307G         |
| 73                                               | 5.368G         | 74   | 5.281G         | 75   | 5.636G         | 76   | 5.382G         |
| 77                                               | 5.540G         | 78   | 5.538G         | 79   | 5.502G         | 80   | 5.573G         |
| 81                                               | 5.692G         | 82   | 5.445G         | 83   | 5.590G         | 84   | 5.370G         |
| 85                                               | 5.570G         | 86   | 5.439G         | 87   | 5.654G         | 88   | 5.443G         |
| 89                                               | 5.352G         | 90   | 5.581G         | 91   | 5.295G         | 92   | 5.681G         |
| 93                                               | 5.322G         | 94   | 5.680G         | 95   | 5.327G         | 96   | 5.561G         |
| 97                                               | 5.345G         | 98   | 5.550G         | 99   | 5.356G         | 100  | 5.609G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_21

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.269G         | 2    | 5.285G         | 3    | 5.400G         | 4    | 5.637G         |
| 5    | 5.564G         | 6    | 5.523G         | 7    | 5.255G         | 8    | 5.461G         |
| 9    | 5.563G         | 10   | 5.552G         | 11   | 5.625G         | 12   | 5.421G         |
| 13   | 5.531G         | 14   | 5.695G         | 15   | 5.271G         | 16   | 5.590G         |
| 17   | 5.484G         | 18   | 5.456G         | 19   | 5.352G         | 20   | 5.409G         |
| 21   | 5.672G         | 22   | 5.459G         | 23   | 5.292G         | 24   | 5.359G         |
| 25   | 5.486G         | 26   | 5.422G         | 27   | 5.650G         | 28   | 5.407G         |
| 29   | 5.633G         | 30   | 5.532G         | 31   | 5.720G         | 32   | 5.493G         |
| 33   | 5.357G         | 34   | 5.439G         | 35   | 5.472G         | 36   | 5.628G         |
| 37   | 5.442G         | 38   | 5.668G         | 39   | 5.343G         | 40   | 5.638G         |
| 41   | 5.466G         | 42   | 5.470G         | 43   | 5.585G         | 44   | 5.611G         |
| 45   | 5.471G         | 46   | 5.524G         | 47   | 5.307G         | 48   | 5.441G         |
| 49   | 5.398G         | 50   | 5.529G         | 51   | 5.545G         | 52   | 5.325G         |
| 53   | 5.641G         | 54   | 5.688G         | 55   | 5.657G         | 56   | 5.429G         |
| 57   | 5.302G         | 58   | 5.719G         | 59   | 5.687G         | 60   | 5.494G         |
| 61   | 5.328G         | 62   | 5.397G         | 63   | 5.475G         | 64   | 5.626G         |
| 65   | 5.693G         | 66   | 5.265G         | 67   | 5.608G         | 68   | 5.337G         |
| 69   | 5.485G         | 70   | 5.703G         | 71   | 5.554G         | 72   | 5.294G         |
| 73   | 5.505G         | 74   | 5.314G         | 75   | 5.324G         | 76   | 5.405G         |
| 77   | 5.355G         | 78   | 5.389G         | 79   | 5.649G         | 80   | 5.620G         |
| 81   | 5.259G         | 82   | 5.566G         | 83   | 5.645G         | 84   | 5.701G         |
| 85   | 5.510G         | 86   | 5.370G         | 87   | 5.539G         | 88   | 5.423G         |
| 89   | 5.342G         | 90   | 5.609G         | 91   | 5.384G         | 92   | 5.629G         |
| 93   | 5.369G         | 94   | 5.613G         | 95   | 5.718G         | 96   | 5.381G         |
| 97   | 5.424G         | 98   | 5.578G         | 99   | 5.568G         | 100  | 5.427G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_22

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.576G         | 2    | 5.614G         | 3    | 5.255G         | 4    | 5.381G         |
| 5    | 5.450G         | 6    | 5.715G         | 7    | 5.545G         | 8    | 5.517G         |
| 9    | 5.647G         | 10   | 5.317G         | 11   | 5.546G         | 12   | 5.375G         |
| 13   | 5.530G         | 14   | 5.439G         | 15   | 5.344G         | 16   | 5.541G         |
| 17   | 5.323G         | 18   | 5.513G         | 19   | 5.480G         | 20   | 5.586G         |
| 21   | 5.300G         | 22   | 5.565G         | 23   | 5.341G         | 24   | 5.472G         |
| 25   | 5.283G         | 26   | 5.524G         | 27   | 5.307G         | 28   | 5.284G         |
| 29   | 5.388G         | 30   | 5.583G         | 31   | 5.663G         | 32   | 5.332G         |
| 33   | 5.484G         | 34   | 5.362G         | 35   | 5.658G         | 36   | 5.295G         |
| 37   | 5.446G         | 38   | 5.491G         | 39   | 5.441G         | 40   | 5.570G         |
| 41   | 5.351G         | 42   | 5.533G         | 43   | 5.349G         | 44   | 5.655G         |
| 45   | 5.563G         | 46   | 5.638G         | 47   | 5.613G         | 48   | 5.646G         |
| 49   | 5.285G         | 50   | 5.696G         | 51   | 5.417G         | 52   | 5.358G         |
| 53   | 5.703G         | 54   | 5.669G         | 55   | 5.662G         | 56   | 5.713G         |
| 57   | 5.335G         | 58   | 5.321G         | 59   | 5.438G         | 60   | 5.355G         |
| 61   | 5.628G         | 62   | 5.412G         | 63   | 5.700G         | 64   | 5.674G         |
| 65   | 5.536G         | 66   | 5.334G         | 67   | 5.626G         | 68   | 5.465G         |
| 69   | 5.310G         | 70   | 5.518G         | 71   | 5.282G         | 72   | 5.551G         |
| 73   | 5.585G         | 74   | 5.548G         | 75   | 5.680G         | 76   | 5.376G         |
| 77   | 5.338G         | 78   | 5.440G         | 79   | 5.266G         | 80   | 5.648G         |
| 81   | 5.516G         | 82   | 5.468G         | 83   | 5.644G         | 84   | 5.414G         |
| 85   | 5.579G         | 86   | 5.393G         | 87   | 5.643G         | 88   | 5.537G         |
| 89   | 5.487G         | 90   | 5.592G         | 91   | 5.590G         | 92   | 5.423G         |
| 93   | 5.430G         | 94   | 5.288G         | 95   | 5.387G         | 96   | 5.636G         |
| 97   | 5.456G         | 98   | 5.508G         | 99   | 5.359G         | 100  | 5.425G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_23

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.650G         | 2    | 5.457G         | 3    | 5.366G         | 4    | 5.672G         |
| 5    | 5.654G         | 6    | 5.255G         | 7    | 5.381G         | 8    | 5.432G         |
| 9    | 5.701G         | 10   | 5.639G         | 11   | 5.310G         | 12   | 5.598G         |
| 13   | 5.405G         | 14   | 5.576G         | 15   | 5.464G         | 16   | 5.529G         |
| 17   | 5.659G         | 18   | 5.278G         | 19   | 5.251G         | 20   | 5.525G         |
| 21   | 5.530G         | 22   | 5.528G         | 23   | 5.567G         | 24   | 5.486G         |
| 25   | 5.394G         | 26   | 5.690G         | 27   | 5.713G         | 28   | 5.315G         |
| 29   | 5.533G         | 30   | 5.614G         | 31   | 5.623G         | 32   | 5.395G         |
| 33   | 5.620G         | 34   | 5.308G         | 35   | 5.379G         | 36   | 5.281G         |
| 37   | 5.677G         | 38   | 5.304G         | 39   | 5.537G         | 40   | 5.364G         |
| 41   | 5.352G         | 42   | 5.339G         | 43   | 5.284G         | 44   | 5.456G         |
| 45   | 5.626G         | 46   | 5.632G         | 47   | 5.287G         | 48   | 5.592G         |
| 49   | 5.452G         | 50   | 5.470G         | 51   | 5.329G         | 52   | 5.388G         |
| 53   | 5.356G         | 54   | 5.585G         | 55   | 5.593G         | 56   | 5.283G         |
| 57   | 5.603G         | 58   | 5.361G         | 59   | 5.408G         | 60   | 5.717G         |
| 61   | 5.404G         | 62   | 5.298G         | 63   | 5.347G         | 64   | 5.332G         |
| 65   | 5.412G         | 66   | 5.697G         | 67   | 5.674G         | 68   | 5.263G         |
| 69   | 5.499G         | 70   | 5.372G         | 71   | 5.676G         | 72   | 5.609G         |
| 73   | 5.619G         | 74   | 5.468G         | 75   | 5.692G         | 76   | 5.577G         |
| 77   | 5.578G         | 78   | 5.268G         | 79   | 5.428G         | 80   | 5.552G         |
| 81   | 5.413G         | 82   | 5.482G         | 83   | 5.579G         | 84   | 5.662G         |
| 85   | 5.621G         | 86   | 5.572G         | 87   | 5.682G         | 88   | 5.625G         |
| 89   | 5.644G         | 90   | 5.279G         | 91   | 5.253G         | 92   | 5.652G         |
| 93   | 5.678G         | 94   | 5.360G         | 95   | 5.627G         | 96   | 5.270G         |
| 97   | 5.721G         | 98   | 5.261G         | 99   | 5.497G         | 100  | 5.441G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_24 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.564G         | 2    | 5.702G         | 3    | 5.585G         | 4    | 5.465G         |
| 5                                                | 5.407G         | 6    | 5.670G         | 7    | 5.522G         | 8    | 5.466G         |
| 9                                                | 5.628G         | 10   | 5.659G         | 11   | 5.485G         | 12   | 5.704G         |
| 13                                               | 5.640G         | 14   | 5.367G         | 15   | 5.510G         | 16   | 5.722G         |
| 17                                               | 5.412G         | 18   | 5.355G         | 19   | 5.430G         | 20   | 5.549G         |
| 21                                               | 5.361G         | 22   | 5.329G         | 23   | 5.389G         | 24   | 5.587G         |
| 25                                               | 5.621G         | 26   | 5.720G         | 27   | 5.451G         | 28   | 5.320G         |
| 29                                               | 5.321G         | 30   | 5.424G         | 31   | 5.508G         | 32   | 5.618G         |
| 33                                               | 5.278G         | 34   | 5.556G         | 35   | 5.387G         | 36   | 5.374G         |
| 37                                               | 5.562G         | 38   | 5.553G         | 39   | 5.470G         | 40   | 5.276G         |
| 41                                               | 5.457G         | 42   | 5.439G         | 43   | 5.711G         | 44   | 5.518G         |
| 45                                               | 5.458G         | 46   | 5.513G         | 47   | 5.500G         | 48   | 5.376G         |
| 49                                               | 5.402G         | 50   | 5.447G         | 51   | 5.669G         | 52   | 5.524G         |
| 53                                               | 5.400G         | 54   | 5.515G         | 55   | 5.625G         | 56   | 5.652G         |
| 57                                               | 5.449G         | 58   | 5.301G         | 59   | 5.484G         | 60   | 5.529G         |
| 61                                               | 5.541G         | 62   | 5.333G         | 63   | 5.255G         | 64   | 5.354G         |
| 65                                               | 5.695G         | 66   | 5.365G         | 67   | 5.701G         | 68   | 5.494G         |
| 69                                               | 5.646G         | 70   | 5.454G         | 71   | 5.613G         | 72   | 5.721G         |
| 73                                               | 5.595G         | 74   | 5.688G         | 75   | 5.690G         | 76   | 5.487G         |
| 77                                               | 5.415G         | 78   | 5.428G         | 79   | 5.548G         | 80   | 5.591G         |
| 81                                               | 5.277G         | 82   | 5.496G         | 83   | 5.323G         | 84   | 5.302G         |
| 85                                               | 5.719G         | 86   | 5.298G         | 87   | 5.299G         | 88   | 5.614G         |
| 89                                               | 5.405G         | 90   | 5.497G         | 91   | 5.563G         | 92   | 5.291G         |
| 93                                               | 5.724G         | 94   | 5.483G         | 95   | 5.271G         | 96   | 5.297G         |
| 97                                               | 5.559G         | 98   | 5.311G         | 99   | 5.426G         | 100  | 5.360G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_25 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.336G         | 2    | 5.277G         | 3    | 5.619G         | 4    | 5.303G         |
| 5                                                | 5.685G         | 6    | 5.545G         | 7    | 5.356G         | 8    | 5.341G         |
| 9                                                | 5.471G         | 10   | 5.533G         | 11   | 5.724G         | 12   | 5.716G         |
| 13                                               | 5.267G         | 14   | 5.495G         | 15   | 5.253G         | 16   | 5.460G         |
| 17                                               | 5.600G         | 18   | 5.279G         | 19   | 5.333G         | 20   | 5.335G         |
| 21                                               | 5.566G         | 22   | 5.384G         | 23   | 5.718G         | 24   | 5.616G         |
| 25                                               | 5.598G         | 26   | 5.588G         | 27   | 5.722G         | 28   | 5.591G         |
| 29                                               | 5.621G         | 30   | 5.475G         | 31   | 5.366G         | 32   | 5.692G         |
| 33                                               | 5.681G         | 34   | 5.306G         | 35   | 5.595G         | 36   | 5.594G         |
| 37                                               | 5.673G         | 38   | 5.291G         | 39   | 5.400G         | 40   | 5.269G         |
| 41                                               | 5.426G         | 42   | 5.491G         | 43   | 5.281G         | 44   | 5.395G         |
| 45                                               | 5.515G         | 46   | 5.288G         | 47   | 5.519G         | 48   | 5.334G         |
| 49                                               | 5.711G         | 50   | 5.550G         | 51   | 5.464G         | 52   | 5.525G         |
| 53                                               | 5.377G         | 54   | 5.265G         | 55   | 5.452G         | 56   | 5.596G         |
| 57                                               | 5.297G         | 58   | 5.305G         | 59   | 5.565G         | 60   | 5.579G         |
| 61                                               | 5.345G         | 62   | 5.703G         | 63   | 5.719G         | 64   | 5.298G         |
| 65                                               | 5.541G         | 66   | 5.456G         | 67   | 5.282G         | 68   | 5.645G         |
| 69                                               | 5.421G         | 70   | 5.357G         | 71   | 5.351G         | 72   | 5.431G         |
| 73                                               | 5.674G         | 74   | 5.449G         | 75   | 5.576G         | 76   | 5.539G         |
| 77                                               | 5.264G         | 78   | 5.257G         | 79   | 5.439G         | 80   | 5.562G         |
| 81                                               | 5.493G         | 82   | 5.642G         | 83   | 5.668G         | 84   | 5.477G         |
| 85                                               | 5.450G         | 86   | 5.311G         | 87   | 5.544G         | 88   | 5.707G         |
| 89                                               | 5.402G         | 90   | 5.567G         | 91   | 5.442G         | 92   | 5.343G         |
| 93                                               | 5.720G         | 94   | 5.397G         | 95   | 5.665G         | 96   | 5.582G         |
| 97                                               | 5.405G         | 98   | 5.467G         | 99   | 5.444G         | 100  | 5.693G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_26

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.474G         | 2    | 5.271G         | 3    | 5.495G         | 4    | 5.592G         |
| 5    | 5.560G         | 6    | 5.447G         | 7    | 5.713G         | 8    | 5.561G         |
| 9    | 5.389G         | 10   | 5.526G         | 11   | 5.400G         | 12   | 5.715G         |
| 13   | 5.672G         | 14   | 5.388G         | 15   | 5.450G         | 16   | 5.325G         |
| 17   | 5.706G         | 18   | 5.556G         | 19   | 5.621G         | 20   | 5.522G         |
| 21   | 5.532G         | 22   | 5.357G         | 23   | 5.587G         | 24   | 5.258G         |
| 25   | 5.435G         | 26   | 5.329G         | 27   | 5.716G         | 28   | 5.571G         |
| 29   | 5.344G         | 30   | 5.250G         | 31   | 5.649G         | 32   | 5.639G         |
| 33   | 5.611G         | 34   | 5.466G         | 35   | 5.612G         | 36   | 5.274G         |
| 37   | 5.263G         | 38   | 5.539G         | 39   | 5.434G         | 40   | 5.645G         |
| 41   | 5.615G         | 42   | 5.572G         | 43   | 5.574G         | 44   | 5.549G         |
| 45   | 5.420G         | 46   | 5.646G         | 47   | 5.501G         | 48   | 5.402G         |
| 49   | 5.453G         | 50   | 5.320G         | 51   | 5.674G         | 52   | 5.491G         |
| 53   | 5.683G         | 54   | 5.700G         | 55   | 5.607G         | 56   | 5.441G         |
| 57   | 5.625G         | 58   | 5.464G         | 59   | 5.699G         | 60   | 5.490G         |
| 61   | 5.265G         | 62   | 5.719G         | 63   | 5.470G         | 64   | 5.494G         |
| 65   | 5.302G         | 66   | 5.391G         | 67   | 5.541G         | 68   | 5.641G         |
| 69   | 5.338G         | 70   | 5.722G         | 71   | 5.475G         | 72   | 5.295G         |
| 73   | 5.352G         | 74   | 5.692G         | 75   | 5.583G         | 76   | 5.529G         |
| 77   | 5.665G         | 78   | 5.603G         | 79   | 5.423G         | 80   | 5.465G         |
| 81   | 5.487G         | 82   | 5.415G         | 83   | 5.381G         | 84   | 5.354G         |
| 85   | 5.624G         | 86   | 5.502G         | 87   | 5.533G         | 88   | 5.688G         |
| 89   | 5.375G         | 90   | 5.272G         | 91   | 5.622G         | 92   | 5.437G         |
| 93   | 5.499G         | 94   | 5.714G         | 95   | 5.578G         | 96   | 5.576G         |
| 97   | 5.278G         | 98   | 5.513G         | 99   | 5.419G         | 100  | 5.383G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_27

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.668G         | 2    | 5.412G         | 3    | 5.577G         | 4    | 5.421G         |
| 5    | 5.372G         | 6    | 5.376G         | 7    | 5.363G         | 8    | 5.645G         |
| 9    | 5.696G         | 10   | 5.596G         | 11   | 5.650G         | 12   | 5.587G         |
| 13   | 5.306G         | 14   | 5.691G         | 15   | 5.341G         | 16   | 5.256G         |
| 17   | 5.399G         | 18   | 5.429G         | 19   | 5.392G         | 20   | 5.632G         |
| 21   | 5.263G         | 22   | 5.466G         | 23   | 5.567G         | 24   | 5.265G         |
| 25   | 5.522G         | 26   | 5.661G         | 27   | 5.700G         | 28   | 5.511G         |
| 29   | 5.536G         | 30   | 5.326G         | 31   | 5.709G         | 32   | 5.695G         |
| 33   | 5.669G         | 34   | 5.523G         | 35   | 5.582G         | 36   | 5.580G         |
| 37   | 5.550G         | 38   | 5.277G         | 39   | 5.285G         | 40   | 5.557G         |
| 41   | 5.574G         | 42   | 5.461G         | 43   | 5.425G         | 44   | 5.551G         |
| 45   | 5.608G         | 46   | 5.261G         | 47   | 5.317G         | 48   | 5.260G         |
| 49   | 5.439G         | 50   | 5.562G         | 51   | 5.324G         | 52   | 5.414G         |
| 53   | 5.527G         | 54   | 5.497G         | 55   | 5.686G         | 56   | 5.259G         |
| 57   | 5.664G         | 58   | 5.590G         | 59   | 5.478G         | 60   | 5.404G         |
| 61   | 5.589G         | 62   | 5.607G         | 63   | 5.481G         | 64   | 5.689G         |
| 65   | 5.389G         | 66   | 5.640G         | 67   | 5.720G         | 68   | 5.697G         |
| 69   | 5.402G         | 70   | 5.452G         | 71   | 5.313G         | 72   | 5.717G         |
| 73   | 5.257G         | 74   | 5.287G         | 75   | 5.534G         | 76   | 5.553G         |
| 77   | 5.304G         | 78   | 5.684G         | 79   | 5.374G         | 80   | 5.390G         |
| 81   | 5.441G         | 82   | 5.506G         | 83   | 5.444G         | 84   | 5.329G         |
| 85   | 5.250G         | 86   | 5.503G         | 87   | 5.588G         | 88   | 5.442G         |
| 89   | 5.611G         | 90   | 5.561G         | 91   | 5.406G         | 92   | 5.663G         |
| 93   | 5.297G         | 94   | 5.619G         | 95   | 5.405G         | 96   | 5.677G         |
| 97   | 5.501G         | 98   | 5.508G         | 99   | 5.262G         | 100  | 5.474G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_28

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.307G         | 2    | 5.649G         | 3    | 5.482G         | 4    | 5.315G         |
| 5    | 5.443G         | 6    | 5.285G         | 7    | 5.390G         | 8    | 5.326G         |
| 9    | 5.654G         | 10   | 5.581G         | 11   | 5.263G         | 12   | 5.687G         |
| 13   | 5.679G         | 14   | 5.486G         | 15   | 5.279G         | 16   | 5.680G         |
| 17   | 5.387G         | 18   | 5.608G         | 19   | 5.487G         | 20   | 5.724G         |
| 21   | 5.683G         | 22   | 5.430G         | 23   | 5.436G         | 24   | 5.320G         |
| 25   | 5.281G         | 26   | 5.257G         | 27   | 5.539G         | 28   | 5.255G         |
| 29   | 5.622G         | 30   | 5.359G         | 31   | 5.251G         | 32   | 5.418G         |
| 33   | 5.456G         | 34   | 5.569G         | 35   | 5.628G         | 36   | 5.643G         |
| 37   | 5.301G         | 38   | 5.488G         | 39   | 5.338G         | 40   | 5.584G         |
| 41   | 5.685G         | 42   | 5.503G         | 43   | 5.411G         | 44   | 5.697G         |
| 45   | 5.574G         | 46   | 5.558G         | 47   | 5.468G         | 48   | 5.355G         |
| 49   | 5.478G         | 50   | 5.549G         | 51   | 5.283G         | 52   | 5.648G         |
| 53   | 5.695G         | 54   | 5.371G         | 55   | 5.304G         | 56   | 5.705G         |
| 57   | 5.722G         | 58   | 5.349G         | 59   | 5.453G         | 60   | 5.591G         |
| 61   | 5.678G         | 62   | 5.401G         | 63   | 5.284G         | 64   | 5.481G         |
| 65   | 5.381G         | 66   | 5.644G         | 67   | 5.422G         | 68   | 5.590G         |
| 69   | 5.547G         | 70   | 5.458G         | 71   | 5.274G         | 72   | 5.446G         |
| 73   | 5.523G         | 74   | 5.391G         | 75   | 5.719G         | 76   | 5.296G         |
| 77   | 5.521G         | 78   | 5.286G         | 79   | 5.435G         | 80   | 5.336G         |
| 81   | 5.619G         | 82   | 5.668G         | 83   | 5.565G         | 84   | 5.343G         |
| 85   | 5.434G         | 86   | 5.356G         | 87   | 5.374G         | 88   | 5.278G         |
| 89   | 5.449G         | 90   | 5.660G         | 91   | 5.544G         | 92   | 5.363G         |
| 93   | 5.604G         | 94   | 5.314G         | 95   | 5.499G         | 96   | 5.531G         |
| 97   | 5.322G         | 98   | 5.347G         | 99   | 5.675G         | 100  | 5.273G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_29 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.587G         | 2    | 5.271G         | 3    | 5.622G         | 4    | 5.676G         |
| 5                                                | 5.627G         | 6    | 5.604G         | 7    | 5.309G         | 8    | 5.666G         |
| 9                                                | 5.449G         | 10   | 5.613G         | 11   | 5.340G         | 12   | 5.579G         |
| 13                                               | 5.372G         | 14   | 5.263G         | 15   | 5.252G         | 16   | 5.665G         |
| 17                                               | 5.568G         | 18   | 5.386G         | 19   | 5.639G         | 20   | 5.480G         |
| 21                                               | 5.251G         | 22   | 5.270G         | 23   | 5.614G         | 24   | 5.698G         |
| 25                                               | 5.549G         | 26   | 5.451G         | 27   | 5.335G         | 28   | 5.685G         |
| 29                                               | 5.464G         | 30   | 5.424G         | 31   | 5.291G         | 32   | 5.400G         |
| 33                                               | 5.555G         | 34   | 5.530G         | 35   | 5.510G         | 36   | 5.278G         |
| 37                                               | 5.257G         | 38   | 5.595G         | 39   | 5.724G         | 40   | 5.645G         |
| 41                                               | 5.675G         | 42   | 5.317G         | 43   | 5.695G         | 44   | 5.722G         |
| 45                                               | 5.277G         | 46   | 5.522G         | 47   | 5.686G         | 48   | 5.597G         |
| 49                                               | 5.588G         | 50   | 5.517G         | 51   | 5.518G         | 52   | 5.707G         |
| 53                                               | 5.431G         | 54   | 5.364G         | 55   | 5.542G         | 56   | 5.513G         |
| 57                                               | 5.322G         | 58   | 5.405G         | 59   | 5.402G         | 60   | 5.560G         |
| 61                                               | 5.677G         | 62   | 5.492G         | 63   | 5.446G         | 64   | 5.268G         |
| 65                                               | 5.717G         | 66   | 5.459G         | 67   | 5.357G         | 68   | 5.655G         |
| 69                                               | 5.650G         | 70   | 5.314G         | 71   | 5.688G         | 72   | 5.528G         |
| 73                                               | 5.535G         | 74   | 5.715G         | 75   | 5.380G         | 76   | 5.648G         |
| 77                                               | 5.556G         | 78   | 5.531G         | 79   | 5.616G         | 80   | 5.586G         |
| 81                                               | 5.612G         | 82   | 5.435G         | 83   | 5.656G         | 84   | 5.659G         |
| 85                                               | 5.546G         | 86   | 5.407G         | 87   | 5.346G         | 88   | 5.516G         |
| 89                                               | 5.623G         | 90   | 5.634G         | 91   | 5.325G         | 92   | 5.420G         |
| 93                                               | 5.720G         | 94   | 5.558G         | 95   | 5.478G         | 96   | 5.644G         |
| 97                                               | 5.311G         | 98   | 5.607G         | 99   | 5.273G         | 100  | 5.444G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_30

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.490G         | 2    | 5.296G         | 3    | 5.458G         | 4    | 5.553G         |
| 5    | 5.430G         | 6    | 5.516G         | 7    | 5.414G         | 8    | 5.618G         |
| 9    | 5.521G         | 10   | 5.544G         | 11   | 5.721G         | 12   | 5.438G         |
| 13   | 5.311G         | 14   | 5.677G         | 15   | 5.386G         | 16   | 5.382G         |
| 17   | 5.600G         | 18   | 5.446G         | 19   | 5.549G         | 20   | 5.422G         |
| 21   | 5.291G         | 22   | 5.581G         | 23   | 5.316G         | 24   | 5.359G         |
| 25   | 5.637G         | 26   | 5.588G         | 27   | 5.612G         | 28   | 5.288G         |
| 29   | 5.455G         | 30   | 5.541G         | 31   | 5.385G         | 32   | 5.557G         |
| 33   | 5.413G         | 34   | 5.701G         | 35   | 5.515G         | 36   | 5.254G         |
| 37   | 5.459G         | 38   | 5.714G         | 39   | 5.502G         | 40   | 5.528G         |
| 41   | 5.536G         | 42   | 5.260G         | 43   | 5.614G         | 44   | 5.451G         |
| 45   | 5.663G         | 46   | 5.532G         | 47   | 5.273G         | 48   | 5.482G         |
| 49   | 5.689G         | 50   | 5.326G         | 51   | 5.578G         | 52   | 5.537G         |
| 53   | 5.266G         | 54   | 5.387G         | 55   | 5.299G         | 56   | 5.513G         |
| 57   | 5.355G         | 58   | 5.297G         | 59   | 5.569G         | 60   | 5.262G         |
| 61   | 5.699G         | 62   | 5.551G         | 63   | 5.648G         | 64   | 5.679G         |
| 65   | 5.389G         | 66   | 5.607G         | 67   | 5.450G         | 68   | 5.421G         |
| 69   | 5.571G         | 70   | 5.629G         | 71   | 5.345G         | 72   | 5.623G         |
| 73   | 5.380G         | 74   | 5.643G         | 75   | 5.656G         | 76   | 5.500G         |
| 77   | 5.664G         | 78   | 5.550G         | 79   | 5.554G         | 80   | 5.269G         |
| 81   | 5.435G         | 82   | 5.442G         | 83   | 5.715G         | 84   | 5.284G         |
| 85   | 5.277G         | 86   | 5.582G         | 87   | 5.460G         | 88   | 5.412G         |
| 89   | 5.638G         | 90   | 5.354G         | 91   | 5.265G         | 92   | 5.323G         |
| 93   | 5.585G         | 94   | 5.539G         | 95   | 5.711G         | 96   | 5.390G         |
| 97   | 5.697G         | 98   | 5.619G         | 99   | 5.552G         | 100  | 5.650G         |

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Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_01

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.661G         | 2    | 5.682G         | 3    | 5.347G         | 4    | 5.275G         |
| 5    | 5.582G         | 6    | 5.334G         | 7    | 5.691G         | 8    | 5.453G         |
| 9    | 5.693G         | 10   | 5.601G         | 11   | 5.713G         | 12   | 5.585G         |
| 13   | 5.341G         | 14   | 5.511G         | 15   | 5.445G         | 16   | 5.670G         |
| 17   | 5.666G         | 18   | 5.296G         | 19   | 5.465G         | 20   | 5.679G         |
| 21   | 5.256G         | 22   | 5.714G         | 23   | 5.494G         | 24   | 5.454G         |
| 25   | 5.317G         | 26   | 5.290G         | 27   | 5.376G         | 28   | 5.612G         |
| 29   | 5.648G         | 30   | 5.439G         | 31   | 5.474G         | 32   | 5.563G         |
| 33   | 5.416G         | 34   | 5.721G         | 35   | 5.351G         | 36   | 5.668G         |
| 37   | 5.435G         | 38   | 5.440G         | 39   | 5.664G         | 40   | 5.369G         |
| 41   | 5.600G         | 42   | 5.292G         | 43   | 5.534G         | 44   | 5.708G         |
| 45   | 5.624G         | 46   | 5.537G         | 47   | 5.652G         | 48   | 5.655G         |
| 49   | 5.374G         | 50   | 5.336G         | 51   | 5.643G         | 52   | 5.437G         |
| 53   | 5.533G         | 54   | 5.482G         | 55   | 5.285G         | 56   | 5.443G         |
| 57   | 5.501G         | 58   | 5.547G         | 59   | 5.274G         | 60   | 5.650G         |
| 61   | 5.683G         | 62   | 5.615G         | 63   | 5.280G         | 64   | 5.469G         |
| 65   | 5.628G         | 66   | 5.639G         | 67   | 5.426G         | 68   | 5.379G         |
| 69   | 5.393G         | 70   | 5.479G         | 71   | 5.706G         | 72   | 5.604G         |
| 73   | 5.315G         | 74   | 5.605G         | 75   | 5.371G         | 76   | 5.409G         |
| 77   | 5.282G         | 78   | 5.572G         | 79   | 5.333G         | 80   | 5.272G         |
| 81   | 5.645G         | 82   | 5.588G         | 83   | 5.402G         | 84   | 5.399G         |
| 85   | 5.442G         | 86   | 5.258G         | 87   | 5.673G         | 88   | 5.575G         |
| 89   | 5.309G         | 90   | 5.570G         | 91   | 5.313G         | 92   | 5.701G         |
| 93   | 5.678G         | 94   | 5.510G         | 95   | 5.622G         | 96   | 5.580G         |
| 97   | 5.700G         | 98   | 5.250G         | 99   | 5.456G         | 100  | 5.633G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_02

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.414G         | 2    | 5.439G         | 3    | 5.282G         | 4    | 5.592G         |
| 5    | 5.714G         | 6    | 5.570G         | 7    | 5.685G         | 8    | 5.466G         |
| 9    | 5.529G         | 10   | 5.637G         | 11   | 5.396G         | 12   | 5.708G         |
| 13   | 5.298G         | 14   | 5.361G         | 15   | 5.663G         | 16   | 5.651G         |
| 17   | 5.601G         | 18   | 5.690G         | 19   | 5.522G         | 20   | 5.557G         |
| 21   | 5.589G         | 22   | 5.391G         | 23   | 5.511G         | 24   | 5.263G         |
| 25   | 5.636G         | 26   | 5.284G         | 27   | 5.615G         | 28   | 5.408G         |
| 29   | 5.721G         | 30   | 5.318G         | 31   | 5.463G         | 32   | 5.562G         |
| 33   | 5.290G         | 34   | 5.250G         | 35   | 5.706G         | 36   | 5.452G         |
| 37   | 5.526G         | 38   | 5.588G         | 39   | 5.400G         | 40   | 5.399G         |
| 41   | 5.357G         | 42   | 5.541G         | 43   | 5.269G         | 44   | 5.552G         |
| 45   | 5.431G         | 46   | 5.481G         | 47   | 5.697G         | 48   | 5.724G         |
| 49   | 5.461G         | 50   | 5.322G         | 51   | 5.474G         | 52   | 5.476G         |
| 53   | 5.330G         | 54   | 5.359G         | 55   | 5.698G         | 56   | 5.358G         |
| 57   | 5.464G         | 58   | 5.547G         | 59   | 5.346G         | 60   | 5.386G         |
| 61   | 5.676G         | 62   | 5.560G         | 63   | 5.673G         | 64   | 5.543G         |
| 65   | 5.275G         | 66   | 5.691G         | 67   | 5.581G         | 68   | 5.598G         |
| 69   | 5.616G         | 70   | 5.471G         | 71   | 5.374G         | 72   | 5.405G         |
| 73   | 5.254G         | 74   | 5.537G         | 75   | 5.442G         | 76   | 5.315G         |
| 77   | 5.546G         | 78   | 5.274G         | 79   | 5.342G         | 80   | 5.671G         |
| 81   | 5.416G         | 82   | 5.545G         | 83   | 5.658G         | 84   | 5.512G         |
| 85   | 5.555G         | 86   | 5.381G         | 87   | 5.567G         | 88   | 5.672G         |
| 89   | 5.296G         | 90   | 5.595G         | 91   | 5.421G         | 92   | 5.299G         |
| 93   | 5.540G         | 94   | 5.701G         | 95   | 5.411G         | 96   | 5.376G         |
| 97   | 5.494G         | 98   | 5.329G         | 99   | 5.264G         | 100  | 5.270G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_03 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.679G         | 2    | 5.317G         | 3    | 5.547G         | 4    | 5.700G         |
| 5                                                | 5.503G         | 6    | 5.452G         | 7    | 5.250G         | 8    | 5.582G         |
| 9                                                | 5.521G         | 10   | 5.374G         | 11   | 5.535G         | 12   | 5.340G         |
| 13                                               | 5.686G         | 14   | 5.430G         | 15   | 5.264G         | 16   | 5.364G         |
| 17                                               | 5.306G         | 18   | 5.462G         | 19   | 5.309G         | 20   | 5.516G         |
| 21                                               | 5.499G         | 22   | 5.315G         | 23   | 5.639G         | 24   | 5.636G         |
| 25                                               | 5.724G         | 26   | 5.417G         | 27   | 5.335G         | 28   | 5.444G         |
| 29                                               | 5.458G         | 30   | 5.536G         | 31   | 5.432G         | 32   | 5.551G         |
| 33                                               | 5.477G         | 34   | 5.661G         | 35   | 5.677G         | 36   | 5.344G         |
| 37                                               | 5.675G         | 38   | 5.693G         | 39   | 5.441G         | 40   | 5.287G         |
| 41                                               | 5.681G         | 42   | 5.328G         | 43   | 5.712G         | 44   | 5.454G         |
| 45                                               | 5.357G         | 46   | 5.561G         | 47   | 5.271G         | 48   | 5.515G         |
| 49                                               | 5.608G         | 50   | 5.538G         | 51   | 5.506G         | 52   | 5.376G         |
| 53                                               | 5.584G         | 54   | 5.355G         | 55   | 5.705G         | 56   | 5.406G         |
| 57                                               | 5.260G         | 58   | 5.683G         | 59   | 5.422G         | 60   | 5.343G         |
| 61                                               | 5.605G         | 62   | 5.518G         | 63   | 5.316G         | 64   | 5.459G         |
| 65                                               | 5.722G         | 66   | 5.689G         | 67   | 5.577G         | 68   | 5.423G         |
| 69                                               | 5.702G         | 70   | 5.527G         | 71   | 5.500G         | 72   | 5.716G         |
| 73                                               | 5.587G         | 74   | 5.710G         | 75   | 5.528G         | 76   | 5.562G         |
| 77                                               | 5.568G         | 78   | 5.349G         | 79   | 5.523G         | 80   | 5.609G         |
| 81                                               | 5.481G         | 82   | 5.378G         | 83   | 5.637G         | 84   | 5.684G         |
| 85                                               | 5.261G         | 86   | 5.615G         | 87   | 5.299G         | 88   | 5.410G         |
| 89                                               | 5.358G         | 90   | 5.548G         | 91   | 5.715G         | 92   | 5.534G         |
| 93                                               | 5.370G         | 94   | 5.289G         | 95   | 5.600G         | 96   | 5.553G         |
| 97                                               | 5.525G         | 98   | 5.520G         | 99   | 5.572G         | 100  | 5.273G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_04

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.400G         | 2    | 5.348G         | 3    | 5.316G         | 4    | 5.506G         |
| 5    | 5.301G         | 6    | 5.657G         | 7    | 5.382G         | 8    | 5.300G         |
| 9    | 5.524G         | 10   | 5.617G         | 11   | 5.349G         | 12   | 5.646G         |
| 13   | 5.273G         | 14   | 5.283G         | 15   | 5.446G         | 16   | 5.588G         |
| 17   | 5.330G         | 18   | 5.417G         | 19   | 5.669G         | 20   | 5.528G         |
| 21   | 5.580G         | 22   | 5.679G         | 23   | 5.628G         | 24   | 5.621G         |
| 25   | 5.673G         | 26   | 5.651G         | 27   | 5.391G         | 28   | 5.444G         |
| 29   | 5.564G         | 30   | 5.685G         | 31   | 5.361G         | 32   | 5.454G         |
| 33   | 5.404G         | 34   | 5.690G         | 35   | 5.439G         | 36   | 5.380G         |
| 37   | 5.614G         | 38   | 5.516G         | 39   | 5.535G         | 40   | 5.536G         |
| 41   | 5.302G         | 42   | 5.388G         | 43   | 5.658G         | 44   | 5.426G         |
| 45   | 5.561G         | 46   | 5.550G         | 47   | 5.513G         | 48   | 5.451G         |
| 49   | 5.393G         | 50   | 5.560G         | 51   | 5.365G         | 52   | 5.703G         |
| 53   | 5.671G         | 54   | 5.684G         | 55   | 5.337G         | 56   | 5.256G         |
| 57   | 5.332G         | 58   | 5.571G         | 59   | 5.372G         | 60   | 5.544G         |
| 61   | 5.274G         | 62   | 5.723G         | 63   | 5.456G         | 64   | 5.520G         |
| 65   | 5.472G         | 66   | 5.425G         | 67   | 5.634G         | 68   | 5.702G         |
| 69   | 5.309G         | 70   | 5.710G         | 71   | 5.670G         | 72   | 5.533G         |
| 73   | 5.366G         | 74   | 5.724G         | 75   | 5.680G         | 76   | 5.595G         |
| 77   | 5.517G         | 78   | 5.287G         | 79   | 5.375G         | 80   | 5.574G         |
| 81   | 5.495G         | 82   | 5.328G         | 83   | 5.548G         | 84   | 5.668G         |
| 85   | 5.407G         | 86   | 5.579G         | 87   | 5.682G         | 88   | 5.291G         |
| 89   | 5.315G         | 90   | 5.586G         | 91   | 5.529G         | 92   | 5.584G         |
| 93   | 5.263G         | 94   | 5.541G         | 95   | 5.359G         | 96   | 5.340G         |
| 97   | 5.523G         | 98   | 5.543G         | 99   | 5.480G         | 100  | 5.485G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_05 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.319G         | 2    | 5.719G         | 3    | 5.506G         | 4    | 5.714G         |
| 5                                                | 5.382G         | 6    | 5.638G         | 7    | 5.336G         | 8    | 5.350G         |
| 9                                                | 5.416G         | 10   | 5.352G         | 11   | 5.309G         | 12   | 5.381G         |
| 13                                               | 5.517G         | 14   | 5.669G         | 15   | 5.534G         | 16   | 5.540G         |
| 17                                               | 5.705G         | 18   | 5.637G         | 19   | 5.551G         | 20   | 5.471G         |
| 21                                               | 5.287G         | 22   | 5.608G         | 23   | 5.541G         | 24   | 5.606G         |
| 25                                               | 5.709G         | 26   | 5.500G         | 27   | 5.689G         | 28   | 5.527G         |
| 29                                               | 5.422G         | 30   | 5.710G         | 31   | 5.568G         | 32   | 5.346G         |
| 33                                               | 5.575G         | 34   | 5.514G         | 35   | 5.347G         | 36   | 5.391G         |
| 37                                               | 5.362G         | 38   | 5.625G         | 39   | 5.640G         | 40   | 5.258G         |
| 41                                               | 5.398G         | 42   | 5.270G         | 43   | 5.511G         | 44   | 5.499G         |
| 45                                               | 5.684G         | 46   | 5.314G         | 47   | 5.272G         | 48   | 5.303G         |
| 49                                               | 5.647G         | 50   | 5.379G         | 51   | 5.476G         | 52   | 5.392G         |
| 53                                               | 5.494G         | 54   | 5.501G         | 55   | 5.377G         | 56   | 5.467G         |
| 57                                               | 5.507G         | 58   | 5.295G         | 59   | 5.686G         | 60   | 5.254G         |
| 61                                               | 5.306G         | 62   | 5.572G         | 63   | 5.290G         | 64   | 5.373G         |
| 65                                               | 5.302G         | 66   | 5.632G         | 67   | 5.320G         | 68   | 5.578G         |
| 69                                               | 5.539G         | 70   | 5.327G         | 71   | 5.487G         | 72   | 5.515G         |
| 73                                               | 5.571G         | 74   | 5.370G         | 75   | 5.666G         | 76   | 5.604G         |
| 77                                               | 5.368G         | 78   | 5.528G         | 79   | 5.414G         | 80   | 5.695G         |
| 81                                               | 5.429G         | 82   | 5.641G         | 83   | 5.436G         | 84   | 5.417G         |
| 85                                               | 5.269G         | 86   | 5.649G         | 87   | 5.529G         | 88   | 5.457G         |
| 89                                               | 5.283G         | 90   | 5.444G         | 91   | 5.603G         | 92   | 5.372G         |
| 93                                               | 5.664G         | 94   | 5.503G         | 95   | 5.680G         | 96   | 5.563G         |
| 97                                               | 5.712G         | 98   | 5.673G         | 99   | 5.650G         | 100  | 5.296G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_06 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.464G         | 2    | 5.500G         | 3    | 5.454G         | 4    | 5.723G         |
| 5                                                | 5.711G         | 6    | 5.679G         | 7    | 5.623G         | 8    | 5.303G         |
| 9                                                | 5.639G         | 10   | 5.651G         | 11   | 5.289G         | 12   | 5.657G         |
| 13                                               | 5.435G         | 14   | 5.551G         | 15   | 5.608G         | 16   | 5.335G         |
| 17                                               | 5.321G         | 18   | 5.467G         | 19   | 5.503G         | 20   | 5.543G         |
| 21                                               | 5.584G         | 22   | 5.481G         | 23   | 5.618G         | 24   | 5.650G         |
| 25                                               | 5.306G         | 26   | 5.366G         | 27   | 5.695G         | 28   | 5.328G         |
| 29                                               | 5.533G         | 30   | 5.461G         | 31   | 5.452G         | 32   | 5.708G         |
| 33                                               | 5.477G         | 34   | 5.479G         | 35   | 5.412G         | 36   | 5.407G         |
| 37                                               | 5.548G         | 38   | 5.683G         | 39   | 5.620G         | 40   | 5.315G         |
| 41                                               | 5.495G         | 42   | 5.416G         | 43   | 5.317G         | 44   | 5.327G         |
| 45                                               | 5.457G         | 46   | 5.641G         | 47   | 5.526G         | 48   | 5.309G         |
| 49                                               | 5.665G         | 50   | 5.636G         | 51   | 5.266G         | 52   | 5.675G         |
| 53                                               | 5.422G         | 54   | 5.271G         | 55   | 5.569G         | 56   | 5.288G         |
| 57                                               | 5.434G         | 58   | 5.505G         | 59   | 5.272G         | 60   | 5.643G         |
| 61                                               | 5.534G         | 62   | 5.259G         | 63   | 5.252G         | 64   | 5.592G         |
| 65                                               | 5.662G         | 66   | 5.267G         | 67   | 5.382G         | 68   | 5.433G         |
| 69                                               | 5.485G         | 70   | 5.682G         | 71   | 5.688G         | 72   | 5.590G         |
| 73                                               | 5.332G         | 74   | 5.269G         | 75   | 5.716G         | 76   | 5.427G         |
| 77                                               | 5.549G         | 78   | 5.456G         | 79   | 5.348G         | 80   | 5.357G         |
| 81                                               | 5.458G         | 82   | 5.440G         | 83   | 5.692G         | 84   | 5.693G         |
| 85                                               | 5.638G         | 86   | 5.509G         | 87   | 5.567G         | 88   | 5.409G         |
| 89                                               | 5.307G         | 90   | 5.715G         | 91   | 5.552G         | 92   | 5.360G         |
| 93                                               | 5.292G         | 94   | 5.470G         | 95   | 5.441G         | 96   | 5.587G         |
| 97                                               | 5.444G         | 98   | 5.365G         | 99   | 5.310G         | 100  | 5.394G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_07

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.458G         | 2    | 5.662G         | 3    | 5.310G         | 4    | 5.348G         |
| 5    | 5.655G         | 6    | 5.508G         | 7    | 5.547G         | 8    | 5.650G         |
| 9    | 5.415G         | 10   | 5.350G         | 11   | 5.550G         | 12   | 5.474G         |
| 13   | 5.551G         | 14   | 5.450G         | 15   | 5.722G         | 16   | 5.417G         |
| 17   | 5.494G         | 18   | 5.409G         | 19   | 5.499G         | 20   | 5.327G         |
| 21   | 5.699G         | 22   | 5.403G         | 23   | 5.390G         | 24   | 5.448G         |
| 25   | 5.561G         | 26   | 5.632G         | 27   | 5.564G         | 28   | 5.618G         |
| 29   | 5.513G         | 30   | 5.260G         | 31   | 5.339G         | 32   | 5.437G         |
| 33   | 5.463G         | 34   | 5.406G         | 35   | 5.446G         | 36   | 5.690G         |
| 37   | 5.671G         | 38   | 5.723G         | 39   | 5.588G         | 40   | 5.712G         |
| 41   | 5.709G         | 42   | 5.328G         | 43   | 5.451G         | 44   | 5.438G         |
| 45   | 5.428G         | 46   | 5.479G         | 47   | 5.320G         | 48   | 5.413G         |
| 49   | 5.529G         | 50   | 5.554G         | 51   | 5.517G         | 52   | 5.663G         |
| 53   | 5.642G         | 54   | 5.331G         | 55   | 5.715G         | 56   | 5.677G         |
| 57   | 5.528G         | 58   | 5.330G         | 59   | 5.526G         | 60   | 5.570G         |
| 61   | 5.675G         | 62   | 5.600G         | 63   | 5.654G         | 64   | 5.595G         |
| 65   | 5.361G         | 66   | 5.633G         | 67   | 5.540G         | 68   | 5.357G         |
| 69   | 5.278G         | 70   | 5.300G         | 71   | 5.641G         | 72   | 5.258G         |
| 73   | 5.373G         | 74   | 5.273G         | 75   | 5.656G         | 76   | 5.408G         |
| 77   | 5.649G         | 78   | 5.500G         | 79   | 5.421G         | 80   | 5.630G         |
| 81   | 5.396G         | 82   | 5.251G         | 83   | 5.533G         | 84   | 5.433G         |
| 85   | 5.370G         | 86   | 5.524G         | 87   | 5.386G         | 88   | 5.605G         |
| 89   | 5.353G         | 90   | 5.256G         | 91   | 5.640G         | 92   | 5.591G         |
| 93   | 5.488G         | 94   | 5.312G         | 95   | 5.295G         | 96   | 5.364G         |
| 97   | 5.646G         | 98   | 5.599G         | 99   | 5.697G         | 100  | 5.696G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_08

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.495G         | 2    | 5.553G         | 3    | 5.386G         | 4    | 5.410G         |
| 5    | 5.686G         | 6    | 5.417G         | 7    | 5.287G         | 8    | 5.575G         |
| 9    | 5.292G         | 10   | 5.356G         | 11   | 5.537G         | 12   | 5.589G         |
| 13   | 5.291G         | 14   | 5.624G         | 15   | 5.453G         | 16   | 5.485G         |
| 17   | 5.607G         | 18   | 5.339G         | 19   | 5.650G         | 20   | 5.660G         |
| 21   | 5.601G         | 22   | 5.486G         | 23   | 5.431G         | 24   | 5.328G         |
| 25   | 5.515G         | 26   | 5.678G         | 27   | 5.448G         | 28   | 5.371G         |
| 29   | 5.556G         | 30   | 5.661G         | 31   | 5.659G         | 32   | 5.599G         |
| 33   | 5.536G         | 34   | 5.521G         | 35   | 5.261G         | 36   | 5.305G         |
| 37   | 5.337G         | 38   | 5.646G         | 39   | 5.588G         | 40   | 5.527G         |
| 41   | 5.574G         | 42   | 5.642G         | 43   | 5.695G         | 44   | 5.380G         |
| 45   | 5.358G         | 46   | 5.484G         | 47   | 5.713G         | 48   | 5.629G         |
| 49   | 5.676G         | 50   | 5.704G         | 51   | 5.267G         | 52   | 5.555G         |
| 53   | 5.293G         | 54   | 5.326G         | 55   | 5.461G         | 56   | 5.544G         |
| 57   | 5.499G         | 58   | 5.342G         | 59   | 5.420G         | 60   | 5.437G         |
| 61   | 5.290G         | 62   | 5.579G         | 63   | 5.597G         | 64   | 5.426G         |
| 65   | 5.277G         | 66   | 5.389G         | 67   | 5.257G         | 68   | 5.557G         |
| 69   | 5.593G         | 70   | 5.393G         | 71   | 5.341G         | 72   | 5.405G         |
| 73   | 5.644G         | 74   | 5.618G         | 75   | 5.594G         | 76   | 5.477G         |
| 77   | 5.696G         | 78   | 5.447G         | 79   | 5.577G         | 80   | 5.325G         |
| 81   | 5.474G         | 82   | 5.616G         | 83   | 5.647G         | 84   | 5.679G         |
| 85   | 5.309G         | 86   | 5.440G         | 87   | 5.652G         | 88   | 5.627G         |
| 89   | 5.428G         | 90   | 5.382G         | 91   | 5.419G         | 92   | 5.501G         |
| 93   | 5.637G         | 94   | 5.600G         | 95   | 5.306G         | 96   | 5.517G         |
| 97   | 5.387G         | 98   | 5.545G         | 99   | 5.497G         | 100  | 5.488G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_09 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.307G         | 2    | 5.564G         | 3    | 5.439G         | 4    | 5.660G         |
| 5                                                | 5.654G         | 6    | 5.676G         | 7    | 5.652G         | 8    | 5.527G         |
| 9                                                | 5.422G         | 10   | 5.452G         | 11   | 5.378G         | 12   | 5.550G         |
| 13                                               | 5.387G         | 14   | 5.542G         | 15   | 5.563G         | 16   | 5.290G         |
| 17                                               | 5.431G         | 18   | 5.516G         | 19   | 5.575G         | 20   | 5.671G         |
| 21                                               | 5.470G         | 22   | 5.696G         | 23   | 5.580G         | 24   | 5.591G         |
| 25                                               | 5.599G         | 26   | 5.703G         | 27   | 5.421G         | 28   | 5.679G         |
| 29                                               | 5.688G         | 30   | 5.395G         | 31   | 5.257G         | 32   | 5.388G         |
| 33                                               | 5.335G         | 34   | 5.390G         | 35   | 5.364G         | 36   | 5.666G         |
| 37                                               | 5.535G         | 38   | 5.450G         | 39   | 5.322G         | 40   | 5.686G         |
| 41                                               | 5.677G         | 42   | 5.325G         | 43   | 5.578G         | 44   | 5.344G         |
| 45                                               | 5.655G         | 46   | 5.295G         | 47   | 5.430G         | 48   | 5.522G         |
| 49                                               | 5.331G         | 50   | 5.424G         | 51   | 5.508G         | 52   | 5.368G         |
| 53                                               | 5.457G         | 54   | 5.285G         | 55   | 5.673G         | 56   | 5.689G         |
| 57                                               | 5.362G         | 58   | 5.698G         | 59   | 5.401G         | 60   | 5.691G         |
| 61                                               | 5.624G         | 62   | 5.482G         | 63   | 5.473G         | 64   | 5.310G         |
| 65                                               | 5.610G         | 66   | 5.558G         | 67   | 5.365G         | 68   | 5.273G         |
| 69                                               | 5.298G         | 70   | 5.380G         | 71   | 5.567G         | 72   | 5.708G         |
| 73                                               | 5.600G         | 74   | 5.269G         | 75   | 5.303G         | 76   | 5.398G         |
| 77                                               | 5.308G         | 78   | 5.404G         | 79   | 5.718G         | 80   | 5.499G         |
| 81                                               | 5.373G         | 82   | 5.593G         | 83   | 5.358G         | 84   | 5.468G         |
| 85                                               | 5.311G         | 86   | 5.488G         | 87   | 5.606G         | 88   | 5.363G         |
| 89                                               | 5.533G         | 90   | 5.700G         | 91   | 5.485G         | 92   | 5.346G         |
| 93                                               | 5.642G         | 94   | 5.256G         | 95   | 5.415G         | 96   | 5.721G         |
| 97                                               | 5.500G         | 98   | 5.381G         | 99   | 5.576G         | 100  | 5.585G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_10

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.512G         | 2    | 5.624G         | 3    | 5.511G         | 4    | 5.656G         |
| 5    | 5.314G         | 6    | 5.708G         | 7    | 5.617G         | 8    | 5.352G         |
| 9    | 5.544G         | 10   | 5.669G         | 11   | 5.391G         | 12   | 5.671G         |
| 13   | 5.416G         | 14   | 5.501G         | 15   | 5.568G         | 16   | 5.318G         |
| 17   | 5.643G         | 18   | 5.275G         | 19   | 5.661G         | 20   | 5.567G         |
| 21   | 5.424G         | 22   | 5.274G         | 23   | 5.650G         | 24   | 5.276G         |
| 25   | 5.581G         | 26   | 5.418G         | 27   | 5.290G         | 28   | 5.395G         |
| 29   | 5.550G         | 30   | 5.601G         | 31   | 5.413G         | 32   | 5.468G         |
| 33   | 5.358G         | 34   | 5.534G         | 35   | 5.285G         | 36   | 5.600G         |
| 37   | 5.553G         | 38   | 5.638G         | 39   | 5.625G         | 40   | 5.506G         |
| 41   | 5.559G         | 42   | 5.305G         | 43   | 5.526G         | 44   | 5.717G         |
| 45   | 5.539G         | 46   | 5.542G         | 47   | 5.427G         | 48   | 5.484G         |
| 49   | 5.251G         | 50   | 5.269G         | 51   | 5.715G         | 52   | 5.478G         |
| 53   | 5.454G         | 54   | 5.359G         | 55   | 5.252G         | 56   | 5.353G         |
| 57   | 5.514G         | 58   | 5.436G         | 59   | 5.316G         | 60   | 5.343G         |
| 61   | 5.255G         | 62   | 5.604G         | 63   | 5.626G         | 64   | 5.340G         |
| 65   | 5.310G         | 66   | 5.482G         | 67   | 5.450G         | 68   | 5.431G         |
| 69   | 5.546G         | 70   | 5.645G         | 71   | 5.447G         | 72   | 5.623G         |
| 73   | 5.572G         | 74   | 5.723G         | 75   | 5.566G         | 76   | 5.449G         |
| 77   | 5.477G         | 78   | 5.356G         | 79   | 5.459G         | 80   | 5.465G         |
| 81   | 5.547G         | 82   | 5.532G         | 83   | 5.517G         | 84   | 5.380G         |
| 85   | 5.437G         | 86   | 5.594G         | 87   | 5.648G         | 88   | 5.637G         |
| 89   | 5.503G         | 90   | 5.474G         | 91   | 5.422G         | 92   | 5.589G         |
| 93   | 5.655G         | 94   | 5.333G         | 95   | 5.344G         | 96   | 5.635G         |
| 97   | 5.412G         | 98   | 5.504G         | 99   | 5.652G         | 100  | 5.607G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_11 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.652G         | 2    | 5.570G         | 3    | 5.614G         | 4    | 5.430G         |
| 5                                                | 5.628G         | 6    | 5.368G         | 7    | 5.343G         | 8    | 5.681G         |
| 9                                                | 5.266G         | 10   | 5.707G         | 11   | 5.389G         | 12   | 5.409G         |
| 13                                               | 5.426G         | 14   | 5.458G         | 15   | 5.309G         | 16   | 5.330G         |
| 17                                               | 5.428G         | 18   | 5.598G         | 19   | 5.300G         | 20   | 5.621G         |
| 21                                               | 5.694G         | 22   | 5.566G         | 23   | 5.600G         | 24   | 5.423G         |
| 25                                               | 5.543G         | 26   | 5.644G         | 27   | 5.673G         | 28   | 5.528G         |
| 29                                               | 5.351G         | 30   | 5.503G         | 31   | 5.577G         | 32   | 5.595G         |
| 33                                               | 5.303G         | 34   | 5.572G         | 35   | 5.499G         | 36   | 5.632G         |
| 37                                               | 5.688G         | 38   | 5.525G         | 39   | 5.396G         | 40   | 5.315G         |
| 41                                               | 5.615G         | 42   | 5.436G         | 43   | 5.620G         | 44   | 5.386G         |
| 45                                               | 5.468G         | 46   | 5.712G         | 47   | 5.537G         | 48   | 5.534G         |
| 49                                               | 5.394G         | 50   | 5.697G         | 51   | 5.280G         | 52   | 5.488G         |
| 53                                               | 5.668G         | 54   | 5.716G         | 55   | 5.316G         | 56   | 5.591G         |
| 57                                               | 5.502G         | 58   | 5.392G         | 59   | 5.366G         | 60   | 5.255G         |
| 61                                               | 5.308G         | 62   | 5.292G         | 63   | 5.427G         | 64   | 5.327G         |
| 65                                               | 5.671G         | 66   | 5.610G         | 67   | 5.254G         | 68   | 5.660G         |
| 69                                               | 5.556G         | 70   | 5.553G         | 71   | 5.533G         | 72   | 5.522G         |
| 73                                               | 5.719G         | 74   | 5.446G         | 75   | 5.364G         | 76   | 5.439G         |
| 77                                               | 5.407G         | 78   | 5.440G         | 79   | 5.624G         | 80   | 5.265G         |
| 81                                               | 5.538G         | 82   | 5.710G         | 83   | 5.563G         | 84   | 5.500G         |
| 85                                               | 5.259G         | 86   | 5.271G         | 87   | 5.613G         | 88   | 5.698G         |
| 89                                               | 5.262G         | 90   | 5.622G         | 91   | 5.561G         | 92   | 5.687G         |
| 93                                               | 5.506G         | 94   | 5.648G         | 95   | 5.419G         | 96   | 5.541G         |
| 97                                               | 5.575G         | 98   | 5.701G         | 99   | 5.649G         | 100  | 5.551G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_12

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.711G         | 2    | 5.453G         | 3    | 5.383G         | 4    | 5.419G         |
| 5    | 5.398G         | 6    | 5.591G         | 7    | 5.470G         | 8    | 5.534G         |
| 9    | 5.411G         | 10   | 5.405G         | 11   | 5.306G         | 12   | 5.264G         |
| 13   | 5.354G         | 14   | 5.581G         | 15   | 5.406G         | 16   | 5.439G         |
| 17   | 5.340G         | 18   | 5.585G         | 19   | 5.697G         | 20   | 5.723G         |
| 21   | 5.274G         | 22   | 5.500G         | 23   | 5.368G         | 24   | 5.358G         |
| 25   | 5.446G         | 26   | 5.393G         | 27   | 5.332G         | 28   | 5.580G         |
| 29   | 5.283G         | 30   | 5.372G         | 31   | 5.300G         | 32   | 5.296G         |
| 33   | 5.321G         | 34   | 5.420G         | 35   | 5.499G         | 36   | 5.484G         |
| 37   | 5.661G         | 38   | 5.409G         | 39   | 5.478G         | 40   | 5.565G         |
| 41   | 5.437G         | 42   | 5.506G         | 43   | 5.634G         | 44   | 5.612G         |
| 45   | 5.289G         | 46   | 5.626G         | 47   | 5.445G         | 48   | 5.620G         |
| 49   | 5.495G         | 50   | 5.712G         | 51   | 5.665G         | 52   | 5.644G         |
| 53   | 5.386G         | 54   | 5.452G         | 55   | 5.527G         | 56   | 5.691G         |
| 57   | 5.288G         | 58   | 5.519G         | 59   | 5.337G         | 60   | 5.258G         |
| 61   | 5.388G         | 62   | 5.532G         | 63   | 5.394G         | 64   | 5.299G         |
| 65   | 5.702G         | 66   | 5.682G         | 67   | 5.327G         | 68   | 5.608G         |
| 69   | 5.267G         | 70   | 5.385G         | 71   | 5.466G         | 72   | 5.415G         |
| 73   | 5.362G         | 74   | 5.716G         | 75   | 5.647G         | 76   | 5.587G         |
| 77   | 5.455G         | 78   | 5.520G         | 79   | 5.704G         | 80   | 5.414G         |
| 81   | 5.444G         | 82   | 5.720G         | 83   | 5.713G         | 84   | 5.373G         |
| 85   | 5.604G         | 86   | 5.292G         | 87   | 5.593G         | 88   | 5.542G         |
| 89   | 5.689G         | 90   | 5.325G         | 91   | 5.632G         | 92   | 5.539G         |
| 93   | 5.594G         | 94   | 5.524G         | 95   | 5.347G         | 96   | 5.724G         |
| 97   | 5.281G         | 98   | 5.521G         | 99   | 5.605G         | 100  | 5.262G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_13

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.329G         | 2    | 5.719G         | 3    | 5.325G         | 4    | 5.419G         |
| 5    | 5.606G         | 6    | 5.510G         | 7    | 5.281G         | 8    | 5.571G         |
| 9    | 5.690G         | 10   | 5.423G         | 11   | 5.716G         | 12   | 5.266G         |
| 13   | 5.696G         | 14   | 5.607G         | 15   | 5.435G         | 16   | 5.394G         |
| 17   | 5.308G         | 18   | 5.665G         | 19   | 5.322G         | 20   | 5.600G         |
| 21   | 5.508G         | 22   | 5.518G         | 23   | 5.348G         | 24   | 5.471G         |
| 25   | 5.603G         | 26   | 5.724G         | 27   | 5.630G         | 28   | 5.330G         |
| 29   | 5.318G         | 30   | 5.278G         | 31   | 5.598G         | 32   | 5.405G         |
| 33   | 5.294G         | 34   | 5.464G         | 35   | 5.649G         | 36   | 5.583G         |
| 37   | 5.523G         | 38   | 5.663G         | 39   | 5.364G         | 40   | 5.382G         |
| 41   | 5.358G         | 42   | 5.353G         | 43   | 5.384G         | 44   | 5.277G         |
| 45   | 5.699G         | 46   | 5.406G         | 47   | 5.527G         | 48   | 5.470G         |
| 49   | 5.451G         | 50   | 5.568G         | 51   | 5.416G         | 52   | 5.386G         |
| 53   | 5.656G         | 54   | 5.389G         | 55   | 5.356G         | 56   | 5.501G         |
| 57   | 5.301G         | 58   | 5.346G         | 59   | 5.480G         | 60   | 5.367G         |
| 61   | 5.711G         | 62   | 5.529G         | 63   | 5.434G         | 64   | 5.581G         |
| 65   | 5.547G         | 66   | 5.307G         | 67   | 5.655G         | 68   | 5.582G         |
| 69   | 5.272G         | 70   | 5.631G         | 71   | 5.713G         | 72   | 5.556G         |
| 73   | 5.251G         | 74   | 5.397G         | 75   | 5.540G         | 76   | 5.537G         |
| 77   | 5.392G         | 78   | 5.381G         | 79   | 5.585G         | 80   | 5.575G         |
| 81   | 5.365G         | 82   | 5.579G         | 83   | 5.459G         | 84   | 5.404G         |
| 85   | 5.520G         | 86   | 5.639G         | 87   | 5.496G         | 88   | 5.331G         |
| 89   | 5.366G         | 90   | 5.624G         | 91   | 5.360G         | 92   | 5.698G         |
| 93   | 5.625G         | 94   | 5.553G         | 95   | 5.669G         | 96   | 5.532G         |
| 97   | 5.641G         | 98   | 5.629G         | 99   | 5.491G         | 100  | 5.474G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_14

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.564G         | 2    | 5.296G         | 3    | 5.603G         | 4    | 5.441G         |
| 5    | 5.598G         | 6    | 5.358G         | 7    | 5.287G         | 8    | 5.590G         |
| 9    | 5.672G         | 10   | 5.569G         | 11   | 5.412G         | 12   | 5.445G         |
| 13   | 5.377G         | 14   | 5.428G         | 15   | 5.385G         | 16   | 5.500G         |
| 17   | 5.512G         | 18   | 5.701G         | 19   | 5.258G         | 20   | 5.354G         |
| 21   | 5.432G         | 22   | 5.717G         | 23   | 5.436G         | 24   | 5.324G         |
| 25   | 5.298G         | 26   | 5.722G         | 27   | 5.525G         | 28   | 5.661G         |
| 29   | 5.602G         | 30   | 5.687G         | 31   | 5.562G         | 32   | 5.494G         |
| 33   | 5.716G         | 34   | 5.269G         | 35   | 5.348G         | 36   | 5.647G         |
| 37   | 5.585G         | 38   | 5.297G         | 39   | 5.684G         | 40   | 5.643G         |
| 41   | 5.253G         | 42   | 5.612G         | 43   | 5.375G         | 44   | 5.401G         |
| 45   | 5.664G         | 46   | 5.678G         | 47   | 5.433G         | 48   | 5.523G         |
| 49   | 5.652G         | 50   | 5.680G         | 51   | 5.314G         | 52   | 5.552G         |
| 53   | 5.670G         | 54   | 5.695G         | 55   | 5.316G         | 56   | 5.460G         |
| 57   | 5.535G         | 58   | 5.620G         | 59   | 5.450G         | 60   | 5.439G         |
| 61   | 5.359G         | 62   | 5.502G         | 63   | 5.313G         | 64   | 5.328G         |
| 65   | 5.368G         | 66   | 5.681G         | 67   | 5.263G         | 68   | 5.578G         |
| 69   | 5.294G         | 70   | 5.629G         | 71   | 5.310G         | 72   | 5.607G         |
| 73   | 5.322G         | 74   | 5.616G         | 75   | 5.534G         | 76   | 5.673G         |
| 77   | 5.411G         | 78   | 5.615G         | 79   | 5.536G         | 80   | 5.285G         |
| 81   | 5.648G         | 82   | 5.330G         | 83   | 5.498G         | 84   | 5.458G         |
| 85   | 5.374G         | 86   | 5.389G         | 87   | 5.610G         | 88   | 5.274G         |
| 89   | 5.676G         | 90   | 5.601G         | 91   | 5.495G         | 92   | 5.520G         |
| 93   | 5.644G         | 94   | 5.521G         | 95   | 5.407G         | 96   | 5.404G         |
| 97   | 5.437G         | 98   | 5.633G         | 99   | 5.654G         | 100  | 5.267G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_15

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.371G         | 2    | 5.447G         | 3    | 5.295G         | 4    | 5.475G         |
| 5    | 5.315G         | 6    | 5.417G         | 7    | 5.576G         | 8    | 5.543G         |
| 9    | 5.274G         | 10   | 5.354G         | 11   | 5.487G         | 12   | 5.286G         |
| 13   | 5.495G         | 14   | 5.521G         | 15   | 5.527G         | 16   | 5.296G         |
| 17   | 5.458G         | 18   | 5.549G         | 19   | 5.476G         | 20   | 5.445G         |
| 21   | 5.613G         | 22   | 5.653G         | 23   | 5.510G         | 24   | 5.656G         |
| 25   | 5.383G         | 26   | 5.506G         | 27   | 5.273G         | 28   | 5.702G         |
| 29   | 5.312G         | 30   | 5.331G         | 31   | 5.492G         | 32   | 5.443G         |
| 33   | 5.522G         | 34   | 5.427G         | 35   | 5.338G         | 36   | 5.674G         |
| 37   | 5.638G         | 38   | 5.694G         | 39   | 5.636G         | 40   | 5.572G         |
| 41   | 5.570G         | 42   | 5.419G         | 43   | 5.715G         | 44   | 5.384G         |
| 45   | 5.645G         | 46   | 5.307G         | 47   | 5.300G         | 48   | 5.633G         |
| 49   | 5.707G         | 50   | 5.260G         | 51   | 5.683G         | 52   | 5.374G         |
| 53   | 5.632G         | 54   | 5.666G         | 55   | 5.689G         | 56   | 5.609G         |
| 57   | 5.563G         | 58   | 5.682G         | 59   | 5.435G         | 60   | 5.252G         |
| 61   | 5.272G         | 62   | 5.469G         | 63   | 5.375G         | 64   | 5.423G         |
| 65   | 5.639G         | 66   | 5.403G         | 67   | 5.542G         | 68   | 5.471G         |
| 69   | 5.512G         | 70   | 5.455G         | 71   | 5.278G         | 72   | 5.405G         |
| 73   | 5.253G         | 74   | 5.438G         | 75   | 5.473G         | 76   | 5.292G         |
| 77   | 5.626G         | 78   | 5.343G         | 79   | 5.667G         | 80   | 5.267G         |
| 81   | 5.498G         | 82   | 5.545G         | 83   | 5.400G         | 84   | 5.655G         |
| 85   | 5.451G         | 86   | 5.529G         | 87   | 5.285G         | 88   | 5.416G         |
| 89   | 5.577G         | 90   | 5.325G         | 91   | 5.554G         | 92   | 5.568G         |
| 93   | 5.519G         | 94   | 5.566G         | 95   | 5.380G         | 96   | 5.693G         |
| 97   | 5.479G         | 98   | 5.298G         | 99   | 5.481G         | 100  | 5.442G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_16

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.517G         | 2    | 5.386G         | 3    | 5.347G         | 4    | 5.448G         |
| 5    | 5.356G         | 6    | 5.667G         | 7    | 5.291G         | 8    | 5.538G         |
| 9    | 5.714G         | 10   | 5.257G         | 11   | 5.387G         | 12   | 5.644G         |
| 13   | 5.293G         | 14   | 5.504G         | 15   | 5.657G         | 16   | 5.596G         |
| 17   | 5.480G         | 18   | 5.638G         | 19   | 5.631G         | 20   | 5.682G         |
| 21   | 5.699G         | 22   | 5.519G         | 23   | 5.696G         | 24   | 5.558G         |
| 25   | 5.721G         | 26   | 5.705G         | 27   | 5.358G         | 28   | 5.365G         |
| 29   | 5.641G         | 30   | 5.399G         | 31   | 5.462G         | 32   | 5.340G         |
| 33   | 5.625G         | 34   | 5.254G         | 35   | 5.713G         | 36   | 5.272G         |
| 37   | 5.343G         | 38   | 5.712G         | 39   | 5.686G         | 40   | 5.666G         |
| 41   | 5.264G         | 42   | 5.718G         | 43   | 5.273G         | 44   | 5.430G         |
| 45   | 5.453G         | 46   | 5.537G         | 47   | 5.630G         | 48   | 5.674G         |
| 49   | 5.385G         | 50   | 5.455G         | 51   | 5.433G         | 52   | 5.389G         |
| 53   | 5.550G         | 54   | 5.336G         | 55   | 5.577G         | 56   | 5.582G         |
| 57   | 5.529G         | 58   | 5.578G         | 59   | 5.408G         | 60   | 5.594G         |
| 61   | 5.524G         | 62   | 5.518G         | 63   | 5.307G         | 64   | 5.417G         |
| 65   | 5.299G         | 66   | 5.338G         | 67   | 5.393G         | 68   | 5.319G         |
| 69   | 5.405G         | 70   | 5.516G         | 71   | 5.391G         | 72   | 5.560G         |
| 73   | 5.411G         | 74   | 5.655G         | 75   | 5.653G         | 76   | 5.328G         |
| 77   | 5.499G         | 78   | 5.348G         | 79   | 5.722G         | 80   | 5.521G         |
| 81   | 5.341G         | 82   | 5.506G         | 83   | 5.422G         | 84   | 5.324G         |
| 85   | 5.645G         | 86   | 5.583G         | 87   | 5.597G         | 88   | 5.684G         |
| 89   | 5.271G         | 90   | 5.419G         | 91   | 5.672G         | 92   | 5.364G         |
| 93   | 5.279G         | 94   | 5.315G         | 95   | 5.366G         | 96   | 5.624G         |
| 97   | 5.494G         | 98   | 5.255G         | 99   | 5.382G         | 100  | 5.440G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_17

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.506G         | 2    | 5.256G         | 3    | 5.686G         | 4    | 5.406G         |
| 5    | 5.443G         | 6    | 5.716G         | 7    | 5.719G         | 8    | 5.660G         |
| 9    | 5.519G         | 10   | 5.690G         | 11   | 5.569G         | 12   | 5.365G         |
| 13   | 5.645G         | 14   | 5.654G         | 15   | 5.417G         | 16   | 5.402G         |
| 17   | 5.625G         | 18   | 5.477G         | 19   | 5.277G         | 20   | 5.388G         |
| 21   | 5.580G         | 22   | 5.581G         | 23   | 5.682G         | 24   | 5.289G         |
| 25   | 5.607G         | 26   | 5.720G         | 27   | 5.634G         | 28   | 5.263G         |
| 29   | 5.395G         | 30   | 5.513G         | 31   | 5.511G         | 32   | 5.677G         |
| 33   | 5.692G         | 34   | 5.463G         | 35   | 5.383G         | 36   | 5.604G         |
| 37   | 5.687G         | 38   | 5.614G         | 39   | 5.315G         | 40   | 5.502G         |
| 41   | 5.309G         | 42   | 5.526G         | 43   | 5.662G         | 44   | 5.352G         |
| 45   | 5.495G         | 46   | 5.508G         | 47   | 5.487G         | 48   | 5.366G         |
| 49   | 5.313G         | 50   | 5.343G         | 51   | 5.599G         | 52   | 5.320G         |
| 53   | 5.430G         | 54   | 5.408G         | 55   | 5.629G         | 56   | 5.722G         |
| 57   | 5.585G         | 58   | 5.706G         | 59   | 5.280G         | 60   | 5.387G         |
| 61   | 5.415G         | 62   | 5.381G         | 63   | 5.510G         | 64   | 5.471G         |
| 65   | 5.299G         | 66   | 5.566G         | 67   | 5.550G         | 68   | 5.468G         |
| 69   | 5.563G         | 70   | 5.393G         | 71   | 5.691G         | 72   | 5.539G         |
| 73   | 5.721G         | 74   | 5.707G         | 75   | 5.681G         | 76   | 5.591G         |
| 77   | 5.536G         | 78   | 5.701G         | 79   | 5.708G         | 80   | 5.621G         |
| 81   | 5.453G         | 82   | 5.715G         | 83   | 5.446G         | 84   | 5.254G         |
| 85   | 5.649G         | 86   | 5.276G         | 87   | 5.449G         | 88   | 5.357G         |
| 89   | 5.396G         | 90   | 5.622G         | 91   | 5.638G         | 92   | 5.287G         |
| 93   | 5.616G         | 94   | 5.680G         | 95   | 5.610G         | 96   | 5.601G         |
| 97   | 5.259G         | 98   | 5.483G         | 99   | 5.596G         | 100  | 5.640G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_18

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.710G         | 2    | 5.546G         | 3    | 5.289G         | 4    | 5.331G         |
| 5    | 5.419G         | 6    | 5.552G         | 7    | 5.663G         | 8    | 5.543G         |
| 9    | 5.467G         | 10   | 5.330G         | 11   | 5.435G         | 12   | 5.603G         |
| 13   | 5.724G         | 14   | 5.634G         | 15   | 5.469G         | 16   | 5.495G         |
| 17   | 5.259G         | 18   | 5.581G         | 19   | 5.487G         | 20   | 5.563G         |
| 21   | 5.610G         | 22   | 5.651G         | 23   | 5.407G         | 24   | 5.699G         |
| 25   | 5.398G         | 26   | 5.612G         | 27   | 5.387G         | 28   | 5.277G         |
| 29   | 5.712G         | 30   | 5.571G         | 31   | 5.444G         | 32   | 5.607G         |
| 33   | 5.290G         | 34   | 5.388G         | 35   | 5.601G         | 36   | 5.297G         |
| 37   | 5.293G         | 38   | 5.465G         | 39   | 5.349G         | 40   | 5.381G         |
| 41   | 5.723G         | 42   | 5.428G         | 43   | 5.448G         | 44   | 5.284G         |
| 45   | 5.510G         | 46   | 5.527G         | 47   | 5.504G         | 48   | 5.598G         |
| 49   | 5.609G         | 50   | 5.362G         | 51   | 5.640G         | 52   | 5.458G         |
| 53   | 5.393G         | 54   | 5.347G         | 55   | 5.478G         | 56   | 5.568G         |
| 57   | 5.451G         | 58   | 5.320G         | 59   | 5.459G         | 60   | 5.368G         |
| 61   | 5.644G         | 62   | 5.673G         | 63   | 5.449G         | 64   | 5.391G         |
| 65   | 5.375G         | 66   | 5.570G         | 67   | 5.309G         | 68   | 5.540G         |
| 69   | 5.692G         | 70   | 5.539G         | 71   | 5.698G         | 72   | 5.691G         |
| 73   | 5.285G         | 74   | 5.361G         | 75   | 5.281G         | 76   | 5.486G         |
| 77   | 5.628G         | 78   | 5.721G         | 79   | 5.573G         | 80   | 5.605G         |
| 81   | 5.295G         | 82   | 5.376G         | 83   | 5.298G         | 84   | 5.355G         |
| 85   | 5.536G         | 86   | 5.338G         | 87   | 5.709G         | 88   | 5.390G         |
| 89   | 5.575G         | 90   | 5.475G         | 91   | 5.429G         | 92   | 5.503G         |
| 93   | 5.505G         | 94   | 5.516G         | 95   | 5.464G         | 96   | 5.493G         |
| 97   | 5.574G         | 98   | 5.311G         | 99   | 5.319G         | 100  | 5.565G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_19

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.538G         | 2    | 5.393G         | 3    | 5.323G         | 4    | 5.571G         |
| 5    | 5.643G         | 6    | 5.353G         | 7    | 5.660G         | 8    | 5.668G         |
| 9    | 5.459G         | 10   | 5.454G         | 11   | 5.665G         | 12   | 5.573G         |
| 13   | 5.400G         | 14   | 5.277G         | 15   | 5.498G         | 16   | 5.406G         |
| 17   | 5.424G         | 18   | 5.595G         | 19   | 5.696G         | 20   | 5.597G         |
| 21   | 5.664G         | 22   | 5.255G         | 23   | 5.639G         | 24   | 5.389G         |
| 25   | 5.514G         | 26   | 5.576G         | 27   | 5.536G         | 28   | 5.642G         |
| 29   | 5.366G         | 30   | 5.336G         | 31   | 5.431G         | 32   | 5.518G         |
| 33   | 5.482G         | 34   | 5.345G         | 35   | 5.532G         | 36   | 5.297G         |
| 37   | 5.321G         | 38   | 5.589G         | 39   | 5.474G         | 40   | 5.686G         |
| 41   | 5.445G         | 42   | 5.362G         | 43   | 5.702G         | 44   | 5.288G         |
| 45   | 5.456G         | 46   | 5.631G         | 47   | 5.259G         | 48   | 5.577G         |
| 49   | 5.282G         | 50   | 5.387G         | 51   | 5.372G         | 52   | 5.303G         |
| 53   | 5.593G         | 54   | 5.635G         | 55   | 5.477G         | 56   | 5.691G         |
| 57   | 5.339G         | 58   | 5.446G         | 59   | 5.275G         | 60   | 5.533G         |
| 61   | 5.697G         | 62   | 5.606G         | 63   | 5.414G         | 64   | 5.268G         |
| 65   | 5.652G         | 66   | 5.442G         | 67   | 5.687G         | 68   | 5.348G         |
| 69   | 5.318G         | 70   | 5.542G         | 71   | 5.319G         | 72   | 5.616G         |
| 73   | 5.250G         | 74   | 5.556G         | 75   | 5.486G         | 76   | 5.419G         |
| 77   | 5.695G         | 78   | 5.379G         | 79   | 5.545G         | 80   | 5.401G         |
| 81   | 5.485G         | 82   | 5.280G         | 83   | 5.548G         | 84   | 5.262G         |
| 85   | 5.363G         | 86   | 5.581G         | 87   | 5.516G         | 88   | 5.554G         |
| 89   | 5.579G         | 90   | 5.596G         | 91   | 5.376G         | 92   | 5.479G         |
| 93   | 5.563G         | 94   | 5.505G         | 95   | 5.298G         | 96   | 5.347G         |
| 97   | 5.549G         | 98   | 5.524G         | 99   | 5.410G         | 100  | 5.291G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_20 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.674G         | 2    | 5.475G         | 3    | 5.290G         | 4    | 5.341G         |
| 5                                                | 5.404G         | 6    | 5.336G         | 7    | 5.428G         | 8    | 5.429G         |
| 9                                                | 5.583G         | 10   | 5.611G         | 11   | 5.608G         | 12   | 5.511G         |
| 13                                               | 5.427G         | 14   | 5.305G         | 15   | 5.701G         | 16   | 5.619G         |
| 17                                               | 5.303G         | 18   | 5.626G         | 19   | 5.684G         | 20   | 5.719G         |
| 21                                               | 5.614G         | 22   | 5.301G         | 23   | 5.355G         | 24   | 5.252G         |
| 25                                               | 5.327G         | 26   | 5.379G         | 27   | 5.682G         | 28   | 5.395G         |
| 29                                               | 5.576G         | 30   | 5.575G         | 31   | 5.293G         | 32   | 5.461G         |
| 33                                               | 5.538G         | 34   | 5.493G         | 35   | 5.348G         | 36   | 5.268G         |
| 37                                               | 5.665G         | 38   | 5.332G         | 39   | 5.699G         | 40   | 5.679G         |
| 41                                               | 5.598G         | 42   | 5.484G         | 43   | 5.307G         | 44   | 5.559G         |
| 45                                               | 5.331G         | 46   | 5.383G         | 47   | 5.660G         | 48   | 5.451G         |
| 49                                               | 5.328G         | 50   | 5.573G         | 51   | 5.693G         | 52   | 5.387G         |
| 53                                               | 5.636G         | 54   | 5.605G         | 55   | 5.285G         | 56   | 5.691G         |
| 57                                               | 5.506G         | 58   | 5.510G         | 59   | 5.597G         | 60   | 5.476G         |
| 61                                               | 5.666G         | 62   | 5.517G         | 63   | 5.600G         | 64   | 5.337G         |
| 65                                               | 5.500G         | 66   | 5.460G         | 67   | 5.703G         | 68   | 5.425G         |
| 69                                               | 5.670G         | 70   | 5.555G         | 71   | 5.564G         | 72   | 5.250G         |
| 73                                               | 5.570G         | 74   | 5.507G         | 75   | 5.596G         | 76   | 5.482G         |
| 77                                               | 5.519G         | 78   | 5.662G         | 79   | 5.257G         | 80   | 5.491G         |
| 81                                               | 5.412G         | 82   | 5.292G         | 83   | 5.400G         | 84   | 5.295G         |
| 85                                               | 5.525G         | 86   | 5.453G         | 87   | 5.560G         | 88   | 5.592G         |
| 89                                               | 5.364G         | 90   | 5.494G         | 91   | 5.687G         | 92   | 5.351G         |
| 93                                               | 5.297G         | 94   | 5.577G         | 95   | 5.612G         | 96   | 5.463G         |
| 97                                               | 5.349G         | 98   | 5.552G         | 99   | 5.492G         | 100  | 5.546G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_21

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.270G         | 2    | 5.525G         | 3    | 5.527G         | 4    | 5.628G         |
| 5    | 5.402G         | 6    | 5.639G         | 7    | 5.615G         | 8    | 5.369G         |
| 9    | 5.302G         | 10   | 5.456G         | 11   | 5.250G         | 12   | 5.407G         |
| 13   | 5.362G         | 14   | 5.435G         | 15   | 5.252G         | 16   | 5.698G         |
| 17   | 5.660G         | 18   | 5.442G         | 19   | 5.385G         | 20   | 5.359G         |
| 21   | 5.685G         | 22   | 5.263G         | 23   | 5.404G         | 24   | 5.387G         |
| 25   | 5.661G         | 26   | 5.510G         | 27   | 5.449G         | 28   | 5.395G         |
| 29   | 5.704G         | 30   | 5.496G         | 31   | 5.467G         | 32   | 5.554G         |
| 33   | 5.257G         | 34   | 5.393G         | 35   | 5.305G         | 36   | 5.572G         |
| 37   | 5.700G         | 38   | 5.373G         | 39   | 5.548G         | 40   | 5.320G         |
| 41   | 5.392G         | 42   | 5.296G         | 43   | 5.274G         | 44   | 5.610G         |
| 45   | 5.611G         | 46   | 5.581G         | 47   | 5.409G         | 48   | 5.390G         |
| 49   | 5.451G         | 50   | 5.376G         | 51   | 5.417G         | 52   | 5.523G         |
| 53   | 5.282G         | 54   | 5.432G         | 55   | 5.546G         | 56   | 5.497G         |
| 57   | 5.355G         | 58   | 5.276G         | 59   | 5.342G         | 60   | 5.327G         |
| 61   | 5.637G         | 62   | 5.289G         | 63   | 5.293G         | 64   | 5.539G         |
| 65   | 5.627G         | 66   | 5.379G         | 67   | 5.299G         | 68   | 5.427G         |
| 69   | 5.595G         | 70   | 5.553G         | 71   | 5.315G         | 72   | 5.669G         |
| 73   | 5.709G         | 74   | 5.405G         | 75   | 5.587G         | 76   | 5.360G         |
| 77   | 5.663G         | 78   | 5.461G         | 79   | 5.565G         | 80   | 5.275G         |
| 81   | 5.308G         | 82   | 5.487G         | 83   | 5.620G         | 84   | 5.540G         |
| 85   | 5.469G         | 86   | 5.561G         | 87   | 5.545G         | 88   | 5.597G         |
| 89   | 5.536G         | 90   | 5.506G         | 91   | 5.318G         | 92   | 5.697G         |
| 93   | 5.295G         | 94   | 5.519G         | 95   | 5.560G         | 96   | 5.389G         |
| 97   | 5.719G         | 98   | 5.654G         | 99   | 5.336G         | 100  | 5.608G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_22

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.288G         | 2    | 5.441G         | 3    | 5.682G         | 4    | 5.304G         |
| 5    | 5.313G         | 6    | 5.446G         | 7    | 5.442G         | 8    | 5.612G         |
| 9    | 5.345G         | 10   | 5.337G         | 11   | 5.557G         | 12   | 5.638G         |
| 13   | 5.427G         | 14   | 5.303G         | 15   | 5.298G         | 16   | 5.592G         |
| 17   | 5.267G         | 18   | 5.717G         | 19   | 5.568G         | 20   | 5.320G         |
| 21   | 5.697G         | 22   | 5.541G         | 23   | 5.667G         | 24   | 5.506G         |
| 25   | 5.423G         | 26   | 5.518G         | 27   | 5.575G         | 28   | 5.413G         |
| 29   | 5.527G         | 30   | 5.283G         | 31   | 5.709G         | 32   | 5.469G         |
| 33   | 5.554G         | 34   | 5.418G         | 35   | 5.250G         | 36   | 5.495G         |
| 37   | 5.366G         | 38   | 5.681G         | 39   | 5.716G         | 40   | 5.471G         |
| 41   | 5.302G         | 42   | 5.628G         | 43   | 5.534G         | 44   | 5.698G         |
| 45   | 5.439G         | 46   | 5.510G         | 47   | 5.673G         | 48   | 5.408G         |
| 49   | 5.624G         | 50   | 5.280G         | 51   | 5.473G         | 52   | 5.676G         |
| 53   | 5.582G         | 54   | 5.400G         | 55   | 5.648G         | 56   | 5.383G         |
| 57   | 5.626G         | 58   | 5.358G         | 59   | 5.296G         | 60   | 5.641G         |
| 61   | 5.690G         | 62   | 5.608G         | 63   | 5.365G         | 64   | 5.397G         |
| 65   | 5.629G         | 66   | 5.647G         | 67   | 5.620G         | 68   | 5.493G         |
| 69   | 5.417G         | 70   | 5.570G         | 71   | 5.596G         | 72   | 5.581G         |
| 73   | 5.285G         | 74   | 5.606G         | 75   | 5.654G         | 76   | 5.445G         |
| 77   | 5.318G         | 78   | 5.404G         | 79   | 5.553G         | 80   | 5.335G         |
| 81   | 5.378G         | 82   | 5.505G         | 83   | 5.694G         | 84   | 5.487G         |
| 85   | 5.715G         | 86   | 5.269G         | 87   | 5.552G         | 88   | 5.287G         |
| 89   | 5.315G         | 90   | 5.289G         | 91   | 5.422G         | 92   | 5.431G         |
| 93   | 5.569G         | 94   | 5.507G         | 95   | 5.478G         | 96   | 5.464G         |
| 97   | 5.702G         | 98   | 5.347G         | 99   | 5.275G         | 100  | 5.409G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_23

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.521G         | 2    | 5.425G         | 3    | 5.711G         | 4    | 5.694G         |
| 5    | 5.679G         | 6    | 5.449G         | 7    | 5.723G         | 8    | 5.440G         |
| 9    | 5.279G         | 10   | 5.442G         | 11   | 5.700G         | 12   | 5.326G         |
| 13   | 5.286G         | 14   | 5.608G         | 15   | 5.664G         | 16   | 5.265G         |
| 17   | 5.395G         | 18   | 5.687G         | 19   | 5.258G         | 20   | 5.656G         |
| 21   | 5.348G         | 22   | 5.319G         | 23   | 5.306G         | 24   | 5.412G         |
| 25   | 5.624G         | 26   | 5.556G         | 27   | 5.420G         | 28   | 5.457G         |
| 29   | 5.404G         | 30   | 5.693G         | 31   | 5.640G         | 32   | 5.606G         |
| 33   | 5.627G         | 34   | 5.367G         | 35   | 5.387G         | 36   | 5.401G         |
| 37   | 5.441G         | 38   | 5.580G         | 39   | 5.398G         | 40   | 5.274G         |
| 41   | 5.323G         | 42   | 5.651G         | 43   | 5.386G         | 44   | 5.683G         |
| 45   | 5.300G         | 46   | 5.283G         | 47   | 5.655G         | 48   | 5.638G         |
| 49   | 5.487G         | 50   | 5.705G         | 51   | 5.358G         | 52   | 5.600G         |
| 53   | 5.559G         | 54   | 5.261G         | 55   | 5.614G         | 56   | 5.581G         |
| 57   | 5.409G         | 58   | 5.424G         | 59   | 5.322G         | 60   | 5.292G         |
| 61   | 5.263G         | 62   | 5.667G         | 63   | 5.682G         | 64   | 5.397G         |
| 65   | 5.264G         | 66   | 5.482G         | 67   | 5.713G         | 68   | 5.302G         |
| 69   | 5.650G         | 70   | 5.572G         | 71   | 5.464G         | 72   | 5.686G         |
| 73   | 5.351G         | 74   | 5.562G         | 75   | 5.573G         | 76   | 5.355G         |
| 77   | 5.724G         | 78   | 5.550G         | 79   | 5.476G         | 80   | 5.603G         |
| 81   | 5.450G         | 82   | 5.601G         | 83   | 5.684G         | 84   | 5.592G         |
| 85   | 5.354G         | 86   | 5.255G         | 87   | 5.359G         | 88   | 5.568G         |
| 89   | 5.702G         | 90   | 5.692G         | 91   | 5.336G         | 92   | 5.639G         |
| 93   | 5.484G         | 94   | 5.637G         | 95   | 5.477G         | 96   | 5.520G         |
| 97   | 5.327G         | 98   | 5.378G         | 99   | 5.461G         | 100  | 5.501G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_24

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.461G         | 2    | 5.451G         | 3    | 5.572G         | 4    | 5.600G         |
| 5    | 5.561G         | 6    | 5.338G         | 7    | 5.515G         | 8    | 5.403G         |
| 9    | 5.527G         | 10   | 5.628G         | 11   | 5.654G         | 12   | 5.544G         |
| 13   | 5.367G         | 14   | 5.353G         | 15   | 5.665G         | 16   | 5.573G         |
| 17   | 5.377G         | 18   | 5.534G         | 19   | 5.432G         | 20   | 5.621G         |
| 21   | 5.302G         | 22   | 5.414G         | 23   | 5.560G         | 24   | 5.574G         |
| 25   | 5.381G         | 26   | 5.533G         | 27   | 5.546G         | 28   | 5.404G         |
| 29   | 5.700G         | 30   | 5.325G         | 31   | 5.355G         | 32   | 5.685G         |
| 33   | 5.588G         | 34   | 5.625G         | 35   | 5.294G         | 36   | 5.505G         |
| 37   | 5.344G         | 38   | 5.352G         | 39   | 5.630G         | 40   | 5.599G         |
| 41   | 5.430G         | 42   | 5.495G         | 43   | 5.431G         | 44   | 5.253G         |
| 45   | 5.714G         | 46   | 5.258G         | 47   | 5.691G         | 48   | 5.719G         |
| 49   | 5.287G         | 50   | 5.557G         | 51   | 5.623G         | 52   | 5.343G         |
| 53   | 5.682G         | 54   | 5.717G         | 55   | 5.408G         | 56   | 5.526G         |
| 57   | 5.569G         | 58   | 5.393G         | 59   | 5.452G         | 60   | 5.549G         |
| 61   | 5.705G         | 62   | 5.375G         | 63   | 5.271G         | 64   | 5.264G         |
| 65   | 5.470G         | 66   | 5.674G         | 67   | 5.312G         | 68   | 5.389G         |
| 69   | 5.341G         | 70   | 5.358G         | 71   | 5.394G         | 72   | 5.440G         |
| 73   | 5.493G         | 74   | 5.538G         | 75   | 5.604G         | 76   | 5.699G         |
| 77   | 5.554G         | 78   | 5.586G         | 79   | 5.380G         | 80   | 5.454G         |
| 81   | 5.662G         | 82   | 5.304G         | 83   | 5.443G         | 84   | 5.267G         |
| 85   | 5.649G         | 86   | 5.364G         | 87   | 5.487G         | 88   | 5.636G         |
| 89   | 5.276G         | 90   | 5.360G         | 91   | 5.722G         | 92   | 5.694G         |
| 93   | 5.616G         | 94   | 5.255G         | 95   | 5.351G         | 96   | 5.424G         |
| 97   | 5.279G         | 98   | 5.663G         | 99   | 5.382G         | 100  | 5.373G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_25

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.536G         | 2    | 5.267G         | 3    | 5.257G         | 4    | 5.254G         |
| 5    | 5.720G         | 6    | 5.325G         | 7    | 5.329G         | 8    | 5.393G         |
| 9    | 5.689G         | 10   | 5.621G         | 11   | 5.601G         | 12   | 5.464G         |
| 13   | 5.700G         | 14   | 5.261G         | 15   | 5.418G         | 16   | 5.270G         |
| 17   | 5.417G         | 18   | 5.702G         | 19   | 5.341G         | 20   | 5.565G         |
| 21   | 5.573G         | 22   | 5.310G         | 23   | 5.537G         | 24   | 5.612G         |
| 25   | 5.495G         | 26   | 5.314G         | 27   | 5.714G         | 28   | 5.723G         |
| 29   | 5.292G         | 30   | 5.369G         | 31   | 5.401G         | 32   | 5.378G         |
| 33   | 5.716G         | 34   | 5.311G         | 35   | 5.667G         | 36   | 5.455G         |
| 37   | 5.467G         | 38   | 5.336G         | 39   | 5.520G         | 40   | 5.600G         |
| 41   | 5.535G         | 42   | 5.595G         | 43   | 5.604G         | 44   | 5.363G         |
| 45   | 5.696G         | 46   | 5.472G         | 47   | 5.677G         | 48   | 5.598G         |
| 49   | 5.425G         | 50   | 5.391G         | 51   | 5.660G         | 52   | 5.650G         |
| 53   | 5.352G         | 54   | 5.586G         | 55   | 5.360G         | 56   | 5.371G         |
| 57   | 5.532G         | 58   | 5.420G         | 59   | 5.692G         | 60   | 5.454G         |
| 61   | 5.579G         | 62   | 5.539G         | 63   | 5.617G         | 64   | 5.516G         |
| 65   | 5.498G         | 66   | 5.649G         | 67   | 5.452G         | 68   | 5.514G         |
| 69   | 5.412G         | 70   | 5.293G         | 71   | 5.668G         | 72   | 5.574G         |
| 73   | 5.547G         | 74   | 5.424G         | 75   | 5.326G         | 76   | 5.722G         |
| 77   | 5.524G         | 78   | 5.289G         | 79   | 5.258G         | 80   | 5.713G         |
| 81   | 5.451G         | 82   | 5.251G         | 83   | 5.618G         | 84   | 5.357G         |
| 85   | 5.446G         | 86   | 5.348G         | 87   | 5.427G         | 88   | 5.681G         |
| 89   | 5.544G         | 90   | 5.260G         | 91   | 5.606G         | 92   | 5.280G         |
| 93   | 5.501G         | 94   | 5.438G         | 95   | 5.474G         | 96   | 5.284G         |
| 97   | 5.382G         | 98   | 5.376G         | 99   | 5.444G         | 100  | 5.496G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_26 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.635G         | 2    | 5.651G         | 3    | 5.269G         | 4    | 5.372G         |
| 5                                                | 5.328G         | 6    | 5.410G         | 7    | 5.344G         | 8    | 5.563G         |
| 9                                                | 5.250G         | 10   | 5.420G         | 11   | 5.549G         | 12   | 5.565G         |
| 13                                               | 5.346G         | 14   | 5.682G         | 15   | 5.548G         | 16   | 5.632G         |
| 17                                               | 5.573G         | 18   | 5.614G         | 19   | 5.376G         | 20   | 5.690G         |
| 21                                               | 5.495G         | 22   | 5.409G         | 23   | 5.348G         | 24   | 5.648G         |
| 25                                               | 5.469G         | 26   | 5.666G         | 27   | 5.272G         | 28   | 5.408G         |
| 29                                               | 5.584G         | 30   | 5.571G         | 31   | 5.553G         | 32   | 5.425G         |
| 33                                               | 5.512G         | 34   | 5.619G         | 35   | 5.386G         | 36   | 5.368G         |
| 37                                               | 5.318G         | 38   | 5.620G         | 39   | 5.609G         | 40   | 5.336G         |
| 41                                               | 5.560G         | 42   | 5.424G         | 43   | 5.610G         | 44   | 5.429G         |
| 45                                               | 5.433G         | 46   | 5.680G         | 47   | 5.313G         | 48   | 5.366G         |
| 49                                               | 5.576G         | 50   | 5.396G         | 51   | 5.669G         | 52   | 5.663G         |
| 53                                               | 5.283G         | 54   | 5.562G         | 55   | 5.270G         | 56   | 5.697G         |
| 57                                               | 5.481G         | 58   | 5.668G         | 59   | 5.533G         | 60   | 5.688G         |
| 61                                               | 5.487G         | 62   | 5.305G         | 63   | 5.389G         | 64   | 5.589G         |
| 65                                               | 5.296G         | 66   | 5.364G         | 67   | 5.597G         | 68   | 5.494G         |
| 69                                               | 5.419G         | 70   | 5.698G         | 71   | 5.427G         | 72   | 5.662G         |
| 73                                               | 5.397G         | 74   | 5.261G         | 75   | 5.444G         | 76   | 5.465G         |
| 77                                               | 5.678G         | 78   | 5.498G         | 79   | 5.684G         | 80   | 5.629G         |
| 81                                               | 5.464G         | 82   | 5.282G         | 83   | 5.251G         | 84   | 5.700G         |
| 85                                               | 5.473G         | 86   | 5.634G         | 87   | 5.567G         | 88   | 5.380G         |
| 89                                               | 5.460G         | 90   | 5.468G         | 91   | 5.362G         | 92   | 5.527G         |
| 93                                               | 5.539G         | 94   | 5.720G         | 95   | 5.439G         | 96   | 5.704G         |
| 97                                               | 5.438G         | 98   | 5.339G         | 99   | 5.583G         | 100  | 5.486G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_27

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.370G         | 2    | 5.453G         | 3    | 5.644G         | 4    | 5.308G         |
| 5    | 5.373G         | 6    | 5.503G         | 7    | 5.257G         | 8    | 5.336G         |
| 9    | 5.387G         | 10   | 5.669G         | 11   | 5.319G         | 12   | 5.548G         |
| 13   | 5.273G         | 14   | 5.334G         | 15   | 5.663G         | 16   | 5.428G         |
| 17   | 5.492G         | 18   | 5.638G         | 19   | 5.295G         | 20   | 5.388G         |
| 21   | 5.512G         | 22   | 5.513G         | 23   | 5.455G         | 24   | 5.405G         |
| 25   | 5.496G         | 26   | 5.538G         | 27   | 5.596G         | 28   | 5.654G         |
| 29   | 5.368G         | 30   | 5.674G         | 31   | 5.279G         | 32   | 5.696G         |
| 33   | 5.277G         | 34   | 5.718G         | 35   | 5.600G         | 36   | 5.327G         |
| 37   | 5.660G         | 38   | 5.714G         | 39   | 5.723G         | 40   | 5.631G         |
| 41   | 5.539G         | 42   | 5.420G         | 43   | 5.482G         | 44   | 5.353G         |
| 45   | 5.345G         | 46   | 5.702G         | 47   | 5.390G         | 48   | 5.668G         |
| 49   | 5.349G         | 50   | 5.480G         | 51   | 5.534G         | 52   | 5.583G         |
| 53   | 5.256G         | 54   | 5.526G         | 55   | 5.643G         | 56   | 5.304G         |
| 57   | 5.435G         | 58   | 5.377G         | 59   | 5.264G         | 60   | 5.656G         |
| 61   | 5.450G         | 62   | 5.448G         | 63   | 5.298G         | 64   | 5.697G         |
| 65   | 5.282G         | 66   | 5.468G         | 67   | 5.586G         | 68   | 5.430G         |
| 69   | 5.561G         | 70   | 5.576G         | 71   | 5.401G         | 72   | 5.402G         |
| 73   | 5.553G         | 74   | 5.568G         | 75   | 5.323G         | 76   | 5.281G         |
| 77   | 5.285G         | 78   | 5.381G         | 79   | 5.270G         | 80   | 5.635G         |
| 81   | 5.577G         | 82   | 5.486G         | 83   | 5.684G         | 84   | 5.602G         |
| 85   | 5.374G         | 86   | 5.708G         | 87   | 5.501G         | 88   | 5.592G         |
| 89   | 5.499G         | 90   | 5.484G         | 91   | 5.682G         | 92   | 5.607G         |
| 93   | 5.507G         | 94   | 5.375G         | 95   | 5.678G         | 96   | 5.641G         |
| 97   | 5.646G         | 98   | 5.557G         | 99   | 5.588G         | 100  | 5.691G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_28

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.347G         | 2    | 5.450G         | 3    | 5.355G         | 4    | 5.604G         |
| 5    | 5.544G         | 6    | 5.673G         | 7    | 5.325G         | 8    | 5.523G         |
| 9    | 5.721G         | 10   | 5.585G         | 11   | 5.703G         | 12   | 5.475G         |
| 13   | 5.390G         | 14   | 5.525G         | 15   | 5.337G         | 16   | 5.267G         |
| 17   | 5.285G         | 18   | 5.320G         | 19   | 5.322G         | 20   | 5.281G         |
| 21   | 5.682G         | 22   | 5.675G         | 23   | 5.718G         | 24   | 5.669G         |
| 25   | 5.279G         | 26   | 5.269G         | 27   | 5.265G         | 28   | 5.636G         |
| 29   | 5.677G         | 30   | 5.483G         | 31   | 5.376G         | 32   | 5.495G         |
| 33   | 5.535G         | 34   | 5.335G         | 35   | 5.601G         | 36   | 5.275G         |
| 37   | 5.349G         | 38   | 5.368G         | 39   | 5.552G         | 40   | 5.521G         |
| 41   | 5.411G         | 42   | 5.417G         | 43   | 5.457G         | 44   | 5.303G         |
| 45   | 5.366G         | 46   | 5.709G         | 47   | 5.437G         | 48   | 5.292G         |
| 49   | 5.536G         | 50   | 5.298G         | 51   | 5.405G         | 52   | 5.333G         |
| 53   | 5.658G         | 54   | 5.354G         | 55   | 5.657G         | 56   | 5.623G         |
| 57   | 5.403G         | 58   | 5.421G         | 59   | 5.534G         | 60   | 5.491G         |
| 61   | 5.582G         | 62   | 5.713G         | 63   | 5.546G         | 64   | 5.428G         |
| 65   | 5.459G         | 66   | 5.435G         | 67   | 5.512G         | 68   | 5.352G         |
| 69   | 5.280G         | 70   | 5.440G         | 71   | 5.338G         | 72   | 5.487G         |
| 73   | 5.426G         | 74   | 5.288G         | 75   | 5.722G         | 76   | 5.705G         |
| 77   | 5.704G         | 78   | 5.628G         | 79   | 5.538G         | 80   | 5.478G         |
| 81   | 5.602G         | 82   | 5.434G         | 83   | 5.710G         | 84   | 5.441G         |
| 85   | 5.315G         | 86   | 5.717G         | 87   | 5.714G         | 88   | 5.569G         |
| 89   | 5.592G         | 90   | 5.461G         | 91   | 5.344G         | 92   | 5.622G         |
| 93   | 5.511G         | 94   | 5.460G         | 95   | 5.409G         | 96   | 5.668G         |
| 97   | 5.264G         | 98   | 5.517G         | 99   | 5.584G         | 100  | 5.259G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_29

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.449G         | 2    | 5.476G         | 3    | 5.473G         | 4    | 5.397G         |
| 5    | 5.508G         | 6    | 5.695G         | 7    | 5.656G         | 8    | 5.679G         |
| 9    | 5.435G         | 10   | 5.293G         | 11   | 5.618G         | 12   | 5.439G         |
| 13   | 5.468G         | 14   | 5.521G         | 15   | 5.563G         | 16   | 5.462G         |
| 17   | 5.633G         | 18   | 5.641G         | 19   | 5.533G         | 20   | 5.669G         |
| 21   | 5.486G         | 22   | 5.627G         | 23   | 5.403G         | 24   | 5.348G         |
| 25   | 5.614G         | 26   | 5.529G         | 27   | 5.671G         | 28   | 5.549G         |
| 29   | 5.638G         | 30   | 5.295G         | 31   | 5.518G         | 32   | 5.255G         |
| 33   | 5.432G         | 34   | 5.277G         | 35   | 5.709G         | 36   | 5.535G         |
| 37   | 5.286G         | 38   | 5.557G         | 39   | 5.619G         | 40   | 5.719G         |
| 41   | 5.259G         | 42   | 5.320G         | 43   | 5.639G         | 44   | 5.429G         |
| 45   | 5.451G         | 46   | 5.603G         | 47   | 5.382G         | 48   | 5.341G         |
| 49   | 5.357G         | 50   | 5.714G         | 51   | 5.377G         | 52   | 5.423G         |
| 53   | 5.580G         | 54   | 5.314G         | 55   | 5.335G         | 56   | 5.543G         |
| 57   | 5.278G         | 58   | 5.406G         | 59   | 5.676G         | 60   | 5.454G         |
| 61   | 5.591G         | 62   | 5.433G         | 63   | 5.632G         | 64   | 5.532G         |
| 65   | 5.697G         | 66   | 5.422G         | 67   | 5.478G         | 68   | 5.321G         |
| 69   | 5.381G         | 70   | 5.569G         | 71   | 5.398G         | 72   | 5.272G         |
| 73   | 5.500G         | 74   | 5.635G         | 75   | 5.280G         | 76   | 5.323G         |
| 77   | 5.516G         | 78   | 5.299G         | 79   | 5.710G         | 80   | 5.620G         |
| 81   | 5.675G         | 82   | 5.345G         | 83   | 5.362G         | 84   | 5.498G         |
| 85   | 5.322G         | 86   | 5.339G         | 87   | 5.552G         | 88   | 5.648G         |
| 89   | 5.541G         | 90   | 5.523G         | 91   | 5.337G         | 92   | 5.380G         |
| 93   | 5.650G         | 94   | 5.326G         | 95   | 5.418G         | 96   | 5.502G         |
| 97   | 5.351G         | 98   | 5.264G         | 99   | 5.626G         | 100  | 5.565G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_30

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.672G         | 2    | 5.293G         | 3    | 5.512G         | 4    | 5.436G         |
| 5    | 5.415G         | 6    | 5.447G         | 7    | 5.336G         | 8    | 5.636G         |
| 9    | 5.316G         | 10   | 5.650G         | 11   | 5.392G         | 12   | 5.567G         |
| 13   | 5.600G         | 14   | 5.668G         | 15   | 5.696G         | 16   | 5.459G         |
| 17   | 5.305G         | 18   | 5.396G         | 19   | 5.574G         | 20   | 5.587G         |
| 21   | 5.623G         | 22   | 5.644G         | 23   | 5.724G         | 24   | 5.442G         |
| 25   | 5.294G         | 26   | 5.548G         | 27   | 5.253G         | 28   | 5.443G         |
| 29   | 5.542G         | 30   | 5.258G         | 31   | 5.261G         | 32   | 5.353G         |
| 33   | 5.515G         | 34   | 5.430G         | 35   | 5.648G         | 36   | 5.344G         |
| 37   | 5.296G         | 38   | 5.462G         | 39   | 5.514G         | 40   | 5.709G         |
| 41   | 5.562G         | 42   | 5.622G         | 43   | 5.540G         | 44   | 5.365G         |
| 45   | 5.417G         | 46   | 5.255G         | 47   | 5.513G         | 48   | 5.639G         |
| 49   | 5.621G         | 50   | 5.494G         | 51   | 5.358G         | 52   | 5.398G         |
| 53   | 5.700G         | 54   | 5.569G         | 55   | 5.378G         | 56   | 5.420G         |
| 57   | 5.444G         | 58   | 5.572G         | 59   | 5.362G         | 60   | 5.297G         |
| 61   | 5.712G         | 62   | 5.519G         | 63   | 5.303G         | 64   | 5.505G         |
| 65   | 5.486G         | 66   | 5.466G         | 67   | 5.597G         | 68   | 5.427G         |
| 69   | 5.448G         | 70   | 5.460G         | 71   | 5.310G         | 72   | 5.502G         |
| 73   | 5.590G         | 74   | 5.487G         | 75   | 5.625G         | 76   | 5.581G         |
| 77   | 5.431G         | 78   | 5.723G         | 79   | 5.545G         | 80   | 5.264G         |
| 81   | 5.651G         | 82   | 5.338G         | 83   | 5.301G         | 84   | 5.299G         |
| 85   | 5.346G         | 86   | 5.713G         | 87   | 5.282G         | 88   | 5.286G         |
| 89   | 5.559G         | 90   | 5.593G         | 91   | 5.533G         | 92   | 5.278G         |
| 93   | 5.266G         | 94   | 5.332G         | 95   | 5.380G         | 96   | 5.350G         |
| 97   | 5.483G         | 98   | 5.682G         | 99   | 5.414G         | 100  | 5.428G         |

For B2 - 802.11ac VHT80

Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_01

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.540G         | 2    | 5.513G         | 3    | 5.526G         | 4    | 5.574G         |
| 5    | 5.501G         | 6    | 5.717G         | 7    | 5.590G         | 8    | 5.373G         |
| 9    | 5.338G         | 10   | 5.534G         | 11   | 5.388G         | 12   | 5.493G         |
| 13   | 5.447G         | 14   | 5.554G         | 15   | 5.593G         | 16   | 5.566G         |
| 17   | 5.688G         | 18   | 5.715G         | 19   | 5.350G         | 20   | 5.713G         |
| 21   | 5.404G         | 22   | 5.374G         | 23   | 5.571G         | 24   | 5.420G         |
| 25   | 5.588G         | 26   | 5.277G         | 27   | 5.407G         | 28   | 5.610G         |
| 29   | 5.278G         | 30   | 5.710G         | 31   | 5.366G         | 32   | 5.301G         |
| 33   | 5.666G         | 34   | 5.551G         | 35   | 5.531G         | 36   | 5.339G         |
| 37   | 5.410G         | 38   | 5.303G         | 39   | 5.267G         | 40   | 5.538G         |
| 41   | 5.327G         | 42   | 5.701G         | 43   | 5.358G         | 44   | 5.581G         |
| 45   | 5.408G         | 46   | 5.584G         | 47   | 5.477G         | 48   | 5.357G         |
| 49   | 5.703G         | 50   | 5.376G         | 51   | 5.683G         | 52   | 5.413G         |
| 53   | 5.662G         | 54   | 5.423G         | 55   | 5.632G         | 56   | 5.668G         |
| 57   | 5.619G         | 58   | 5.281G         | 59   | 5.429G         | 60   | 5.289G         |
| 61   | 5.306G         | 62   | 5.337G         | 63   | 5.596G         | 64   | 5.286G         |
| 65   | 5.592G         | 66   | 5.379G         | 67   | 5.362G         | 68   | 5.351G         |
| 69   | 5.433G         | 70   | 5.271G         | 71   | 5.384G         | 72   | 5.614G         |
| 73   | 5.504G         | 74   | 5.296G         | 75   | 5.712G         | 76   | 5.452G         |
| 77   | 5.687G         | 78   | 5.533G         | 79   | 5.599G         | 80   | 5.561G         |
| 81   | 5.293G         | 82   | 5.300G         | 83   | 5.302G         | 84   | 5.718G         |
| 85   | 5.291G         | 86   | 5.456G         | 87   | 5.505G         | 88   | 5.636G         |
| 89   | 5.367G         | 90   | 5.348G         | 91   | 5.527G         | 92   | 5.558G         |
| 93   | 5.640G         | 94   | 5.559G         | 95   | 5.436G         | 96   | 5.613G         |
| 97   | 5.472G         | 98   | 5.707G         | 99   | 5.607G         | 100  | 5.680G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_02 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.641G         | 2    | 5.581G         | 3    | 5.679G         | 4    | 5.580G         |
| 5                                                | 5.429G         | 6    | 5.315G         | 7    | 5.582G         | 8    | 5.604G         |
| 9                                                | 5.353G         | 10   | 5.255G         | 11   | 5.260G         | 12   | 5.425G         |
| 13                                               | 5.366G         | 14   | 5.343G         | 15   | 5.478G         | 16   | 5.310G         |
| 17                                               | 5.367G         | 18   | 5.288G         | 19   | 5.595G         | 20   | 5.719G         |
| 21                                               | 5.514G         | 22   | 5.630G         | 23   | 5.327G         | 24   | 5.606G         |
| 25                                               | 5.424G         | 26   | 5.662G         | 27   | 5.482G         | 28   | 5.683G         |
| 29                                               | 5.528G         | 30   | 5.289G         | 31   | 5.700G         | 32   | 5.541G         |
| 33                                               | 5.356G         | 34   | 5.585G         | 35   | 5.506G         | 36   | 5.297G         |
| 37                                               | 5.391G         | 38   | 5.505G         | 39   | 5.511G         | 40   | 5.333G         |
| 41                                               | 5.292G         | 42   | 5.572G         | 43   | 5.329G         | 44   | 5.553G         |
| 45                                               | 5.408G         | 46   | 5.612G         | 47   | 5.532G         | 48   | 5.423G         |
| 49                                               | 5.594G         | 50   | 5.495G         | 51   | 5.499G         | 52   | 5.607G         |
| 53                                               | 5.706G         | 54   | 5.525G         | 55   | 5.692G         | 56   | 5.390G         |
| 57                                               | 5.576G         | 58   | 5.270G         | 59   | 5.549G         | 60   | 5.468G         |
| 61                                               | 5.407G         | 62   | 5.455G         | 63   | 5.448G         | 64   | 5.565G         |
| 65                                               | 5.687G         | 66   | 5.656G         | 67   | 5.335G         | 68   | 5.649G         |
| 69                                               | 5.360G         | 70   | 5.349G         | 71   | 5.504G         | 72   | 5.661G         |
| 73                                               | 5.422G         | 74   | 5.328G         | 75   | 5.311G         | 76   | 5.307G         |
| 77                                               | 5.669G         | 78   | 5.561G         | 79   | 5.521G         | 80   | 5.342G         |
| 81                                               | 5.337G         | 82   | 5.518G         | 83   | 5.441G         | 84   | 5.436G         |
| 85                                               | 5.682G         | 86   | 5.562G         | 87   | 5.466G         | 88   | 5.539G         |
| 89                                               | 5.372G         | 90   | 5.534G         | 91   | 5.284G         | 92   | 5.537G         |
| 93                                               | 5.701G         | 94   | 5.384G         | 95   | 5.251G         | 96   | 5.445G         |
| 97                                               | 5.473G         | 98   | 5.388G         | 99   | 5.280G         | 100  | 5.285G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_03

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.284G         | 2    | 5.304G         | 3    | 5.456G         | 4    | 5.489G         |
| 5    | 5.670G         | 6    | 5.409G         | 7    | 5.574G         | 8    | 5.448G         |
| 9    | 5.581G         | 10   | 5.467G         | 11   | 5.637G         | 12   | 5.651G         |
| 13   | 5.641G         | 14   | 5.407G         | 15   | 5.281G         | 16   | 5.321G         |
| 17   | 5.428G         | 18   | 5.355G         | 19   | 5.260G         | 20   | 5.276G         |
| 21   | 5.435G         | 22   | 5.640G         | 23   | 5.683G         | 24   | 5.333G         |
| 25   | 5.382G         | 26   | 5.712G         | 27   | 5.391G         | 28   | 5.401G         |
| 29   | 5.554G         | 30   | 5.383G         | 31   | 5.261G         | 32   | 5.315G         |
| 33   | 5.563G         | 34   | 5.326G         | 35   | 5.652G         | 36   | 5.393G         |
| 37   | 5.280G         | 38   | 5.352G         | 39   | 5.588G         | 40   | 5.595G         |
| 41   | 5.498G         | 42   | 5.618G         | 43   | 5.596G         | 44   | 5.307G         |
| 45   | 5.720G         | 46   | 5.495G         | 47   | 5.542G         | 48   | 5.469G         |
| 49   | 5.617G         | 50   | 5.623G         | 51   | 5.723G         | 52   | 5.440G         |
| 53   | 5.350G         | 54   | 5.338G         | 55   | 5.332G         | 56   | 5.602G         |
| 57   | 5.277G         | 58   | 5.367G         | 59   | 5.572G         | 60   | 5.611G         |
| 61   | 5.294G         | 62   | 5.584G         | 63   | 5.529G         | 64   | 5.678G         |
| 65   | 5.501G         | 66   | 5.267G         | 67   | 5.536G         | 68   | 5.301G         |
| 69   | 5.516G         | 70   | 5.650G         | 71   | 5.664G         | 72   | 5.662G         |
| 73   | 5.263G         | 74   | 5.458G         | 75   | 5.528G         | 76   | 5.707G         |
| 77   | 5.717G         | 78   | 5.418G         | 79   | 5.560G         | 80   | 5.604G         |
| 81   | 5.644G         | 82   | 5.396G         | 83   | 5.416G         | 84   | 5.514G         |
| 85   | 5.526G         | 86   | 5.699G         | 87   | 5.443G         | 88   | 5.674G         |
| 89   | 5.411G         | 90   | 5.671G         | 91   | 5.510G         | 92   | 5.257G         |
| 93   | 5.436G         | 94   | 5.424G         | 95   | 5.459G         | 96   | 5.273G         |
| 97   | 5.685G         | 98   | 5.463G         | 99   | 5.288G         | 100  | 5.275G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_04 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.278G         | 2    | 5.505G         | 3    | 5.563G         | 4    | 5.422G         |
| 5                                                | 5.685G         | 6    | 5.270G         | 7    | 5.545G         | 8    | 5.321G         |
| 9                                                | 5.641G         | 10   | 5.680G         | 11   | 5.568G         | 12   | 5.284G         |
| 13                                               | 5.675G         | 14   | 5.542G         | 15   | 5.406G         | 16   | 5.426G         |
| 17                                               | 5.346G         | 18   | 5.327G         | 19   | 5.558G         | 20   | 5.423G         |
| 21                                               | 5.285G         | 22   | 5.434G         | 23   | 5.720G         | 24   | 5.538G         |
| 25                                               | 5.357G         | 26   | 5.286G         | 27   | 5.362G         | 28   | 5.522G         |
| 29                                               | 5.520G         | 30   | 5.438G         | 31   | 5.418G         | 32   | 5.448G         |
| 33                                               | 5.605G         | 34   | 5.451G         | 35   | 5.516G         | 36   | 5.319G         |
| 37                                               | 5.694G         | 38   | 5.671G         | 39   | 5.518G         | 40   | 5.553G         |
| 41                                               | 5.252G         | 42   | 5.395G         | 43   | 5.482G         | 44   | 5.419G         |
| 45                                               | 5.397G         | 46   | 5.716G         | 47   | 5.349G         | 48   | 5.661G         |
| 49                                               | 5.296G         | 50   | 5.693G         | 51   | 5.414G         | 52   | 5.670G         |
| 53                                               | 5.356G         | 54   | 5.527G         | 55   | 5.704G         | 56   | 5.566G         |
| 57                                               | 5.429G         | 58   | 5.592G         | 59   | 5.353G         | 60   | 5.361G         |
| 61                                               | 5.475G         | 62   | 5.636G         | 63   | 5.508G         | 64   | 5.718G         |
| 65                                               | 5.484G         | 66   | 5.405G         | 67   | 5.348G         | 68   | 5.650G         |
| 69                                               | 5.412G         | 70   | 5.607G         | 71   | 5.294G         | 72   | 5.721G         |
| 73                                               | 5.565G         | 74   | 5.379G         | 75   | 5.279G         | 76   | 5.433G         |
| 77                                               | 5.578G         | 78   | 5.610G         | 79   | 5.477G         | 80   | 5.571G         |
| 81                                               | 5.276G         | 82   | 5.495G         | 83   | 5.308G         | 84   | 5.698G         |
| 85                                               | 5.572G         | 86   | 5.398G         | 87   | 5.387G         | 88   | 5.597G         |
| 89                                               | 5.688G         | 90   | 5.590G         | 91   | 5.485G         | 92   | 5.497G         |
| 93                                               | 5.253G         | 94   | 5.617G         | 95   | 5.632G         | 96   | 5.363G         |
| 97                                               | 5.628G         | 98   | 5.376G         | 99   | 5.282G         | 100  | 5.490G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_05 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.535G         | 2    | 5.444G         | 3    | 5.468G         | 4    | 5.719G         |
| 5                                                | 5.264G         | 6    | 5.349G         | 7    | 5.554G         | 8    | 5.387G         |
| 9                                                | 5.462G         | 10   | 5.632G         | 11   | 5.490G         | 12   | 5.478G         |
| 13                                               | 5.340G         | 14   | 5.494G         | 15   | 5.323G         | 16   | 5.320G         |
| 17                                               | 5.560G         | 18   | 5.435G         | 19   | 5.367G         | 20   | 5.544G         |
| 21                                               | 5.519G         | 22   | 5.401G         | 23   | 5.616G         | 24   | 5.485G         |
| 25                                               | 5.477G         | 26   | 5.482G         | 27   | 5.669G         | 28   | 5.553G         |
| 29                                               | 5.682G         | 30   | 5.308G         | 31   | 5.293G         | 32   | 5.496G         |
| 33                                               | 5.480G         | 34   | 5.593G         | 35   | 5.268G         | 36   | 5.324G         |
| 37                                               | 5.657G         | 38   | 5.587G         | 39   | 5.712G         | 40   | 5.635G         |
| 41                                               | 5.473G         | 42   | 5.441G         | 43   | 5.442G         | 44   | 5.649G         |
| 45                                               | 5.597G         | 46   | 5.517G         | 47   | 5.279G         | 48   | 5.454G         |
| 49                                               | 5.689G         | 50   | 5.456G         | 51   | 5.529G         | 52   | 5.391G         |
| 53                                               | 5.515G         | 54   | 5.350G         | 55   | 5.434G         | 56   | 5.505G         |
| 57                                               | 5.539G         | 58   | 5.582G         | 59   | 5.604G         | 60   | 5.370G         |
| 61                                               | 5.413G         | 62   | 5.414G         | 63   | 5.285G         | 64   | 5.605G         |
| 65                                               | 5.648G         | 66   | 5.345G         | 67   | 5.489G         | 68   | 5.671G         |
| 69                                               | 5.540G         | 70   | 5.289G         | 71   | 5.598G         | 72   | 5.542G         |
| 73                                               | 5.636G         | 74   | 5.381G         | 75   | 5.347G         | 76   | 5.522G         |
| 77                                               | 5.711G         | 78   | 5.693G         | 79   | 5.319G         | 80   | 5.431G         |
| 81                                               | 5.501G         | 82   | 5.486G         | 83   | 5.280G         | 84   | 5.647G         |
| 85                                               | 5.398G         | 86   | 5.259G         | 87   | 5.570G         | 88   | 5.504G         |
| 89                                               | 5.558G         | 90   | 5.426G         | 91   | 5.706G         | 92   | 5.291G         |
| 93                                               | 5.253G         | 94   | 5.662G         | 95   | 5.362G         | 96   | 5.667G         |
| 97                                               | 5.590G         | 98   | 5.569G         | 99   | 5.531G         | 100  | 5.405G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_06

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.642G         | 2    | 5.685G         | 3    | 5.613G         | 4    | 5.701G         |
| 5    | 5.526G         | 6    | 5.604G         | 7    | 5.329G         | 8    | 5.551G         |
| 9    | 5.624G         | 10   | 5.389G         | 11   | 5.696G         | 12   | 5.599G         |
| 13   | 5.323G         | 14   | 5.274G         | 15   | 5.293G         | 16   | 5.416G         |
| 17   | 5.720G         | 18   | 5.453G         | 19   | 5.655G         | 20   | 5.608G         |
| 21   | 5.344G         | 22   | 5.349G         | 23   | 5.399G         | 24   | 5.605G         |
| 25   | 5.326G         | 26   | 5.693G         | 27   | 5.674G         | 28   | 5.255G         |
| 29   | 5.370G         | 30   | 5.285G         | 31   | 5.666G         | 32   | 5.578G         |
| 33   | 5.260G         | 34   | 5.275G         | 35   | 5.409G         | 36   | 5.715G         |
| 37   | 5.660G         | 38   | 5.460G         | 39   | 5.324G         | 40   | 5.509G         |
| 41   | 5.712G         | 42   | 5.312G         | 43   | 5.480G         | 44   | 5.375G         |
| 45   | 5.681G         | 46   | 5.631G         | 47   | 5.714G         | 48   | 5.512G         |
| 49   | 5.445G         | 50   | 5.514G         | 51   | 5.354G         | 52   | 5.483G         |
| 53   | 5.490G         | 54   | 5.654G         | 55   | 5.386G         | 56   | 5.291G         |
| 57   | 5.476G         | 58   | 5.716G         | 59   | 5.362G         | 60   | 5.265G         |
| 61   | 5.680G         | 62   | 5.439G         | 63   | 5.541G         | 64   | 5.573G         |
| 65   | 5.682G         | 66   | 5.644G         | 67   | 5.414G         | 68   | 5.422G         |
| 69   | 5.668G         | 70   | 5.677G         | 71   | 5.609G         | 72   | 5.705G         |
| 73   | 5.473G         | 74   | 5.517G         | 75   | 5.482G         | 76   | 5.549G         |
| 77   | 5.360G         | 78   | 5.485G         | 79   | 5.684G         | 80   | 5.317G         |
| 81   | 5.264G         | 82   | 5.711G         | 83   | 5.355G         | 84   | 5.596G         |
| 85   | 5.300G         | 86   | 5.592G         | 87   | 5.303G         | 88   | 5.594G         |
| 89   | 5.579G         | 90   | 5.649G         | 91   | 5.340G         | 92   | 5.667G         |
| 93   | 5.643G         | 94   | 5.575G         | 95   | 5.396G         | 96   | 5.436G         |
| 97   | 5.437G         | 98   | 5.408G         | 99   | 5.561G         | 100  | 5.421G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_07

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.597G         | 2    | 5.360G         | 3    | 5.666G         | 4    | 5.431G         |
| 5    | 5.587G         | 6    | 5.521G         | 7    | 5.471G         | 8    | 5.553G         |
| 9    | 5.676G         | 10   | 5.338G         | 11   | 5.722G         | 12   | 5.347G         |
| 13   | 5.458G         | 14   | 5.498G         | 15   | 5.620G         | 16   | 5.641G         |
| 17   | 5.596G         | 18   | 5.295G         | 19   | 5.317G         | 20   | 5.605G         |
| 21   | 5.532G         | 22   | 5.650G         | 23   | 5.558G         | 24   | 5.700G         |
| 25   | 5.495G         | 26   | 5.481G         | 27   | 5.485G         | 28   | 5.390G         |
| 29   | 5.656G         | 30   | 5.648G         | 31   | 5.365G         | 32   | 5.708G         |
| 33   | 5.371G         | 34   | 5.441G         | 35   | 5.702G         | 36   | 5.504G         |
| 37   | 5.261G         | 38   | 5.398G         | 39   | 5.392G         | 40   | 5.572G         |
| 41   | 5.683G         | 42   | 5.567G         | 43   | 5.585G         | 44   | 5.623G         |
| 45   | 5.569G         | 46   | 5.256G         | 47   | 5.505G         | 48   | 5.649G         |
| 49   | 5.426G         | 50   | 5.264G         | 51   | 5.640G         | 52   | 5.690G         |
| 53   | 5.520G         | 54   | 5.466G         | 55   | 5.593G         | 56   | 5.568G         |
| 57   | 5.325G         | 58   | 5.383G         | 59   | 5.300G         | 60   | 5.389G         |
| 61   | 5.469G         | 62   | 5.253G         | 63   | 5.285G         | 64   | 5.724G         |
| 65   | 5.538G         | 66   | 5.467G         | 67   | 5.519G         | 68   | 5.686G         |
| 69   | 5.539G         | 70   | 5.313G         | 71   | 5.713G         | 72   | 5.312G         |
| 73   | 5.654G         | 74   | 5.299G         | 75   | 5.446G         | 76   | 5.366G         |
| 77   | 5.320G         | 78   | 5.479G         | 79   | 5.492G         | 80   | 5.340G         |
| 81   | 5.548G         | 82   | 5.671G         | 83   | 5.698G         | 84   | 5.674G         |
| 85   | 5.343G         | 86   | 5.710G         | 87   | 5.443G         | 88   | 5.503G         |
| 89   | 5.599G         | 90   | 5.474G         | 91   | 5.502G         | 92   | 5.437G         |
| 93   | 5.263G         | 94   | 5.604G         | 95   | 5.393G         | 96   | 5.372G         |
| 97   | 5.369G         | 98   | 5.262G         | 99   | 5.711G         | 100  | 5.527G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_08

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.667G         | 2    | 5.626G         | 3    | 5.314G         | 4    | 5.440G         |
| 5    | 5.527G         | 6    | 5.365G         | 7    | 5.653G         | 8    | 5.652G         |
| 9    | 5.469G         | 10   | 5.694G         | 11   | 5.496G         | 12   | 5.634G         |
| 13   | 5.517G         | 14   | 5.354G         | 15   | 5.481G         | 16   | 5.505G         |
| 17   | 5.292G         | 18   | 5.254G         | 19   | 5.569G         | 20   | 5.649G         |
| 21   | 5.433G         | 22   | 5.604G         | 23   | 5.404G         | 24   | 5.349G         |
| 25   | 5.416G         | 26   | 5.551G         | 27   | 5.603G         | 28   | 5.561G         |
| 29   | 5.386G         | 30   | 5.648G         | 31   | 5.369G         | 32   | 5.252G         |
| 33   | 5.635G         | 34   | 5.605G         | 35   | 5.399G         | 36   | 5.485G         |
| 37   | 5.391G         | 38   | 5.641G         | 39   | 5.518G         | 40   | 5.607G         |
| 41   | 5.529G         | 42   | 5.590G         | 43   | 5.520G         | 44   | 5.514G         |
| 45   | 5.409G         | 46   | 5.336G         | 47   | 5.567G         | 48   | 5.679G         |
| 49   | 5.698G         | 50   | 5.594G         | 51   | 5.564G         | 52   | 5.419G         |
| 53   | 5.657G         | 54   | 5.668G         | 55   | 5.689G         | 56   | 5.306G         |
| 57   | 5.385G         | 58   | 5.278G         | 59   | 5.688G         | 60   | 5.423G         |
| 61   | 5.674G         | 62   | 5.536G         | 63   | 5.544G         | 64   | 5.435G         |
| 65   | 5.251G         | 66   | 5.601G         | 67   | 5.438G         | 68   | 5.280G         |
| 69   | 5.260G         | 70   | 5.288G         | 71   | 5.711G         | 72   | 5.389G         |
| 73   | 5.640G         | 74   | 5.556G         | 75   | 5.664G         | 76   | 5.718G         |
| 77   | 5.677G         | 78   | 5.651G         | 79   | 5.277G         | 80   | 5.420G         |
| 81   | 5.300G         | 82   | 5.683G         | 83   | 5.573G         | 84   | 5.702G         |
| 85   | 5.256G         | 86   | 5.684G         | 87   | 5.533G         | 88   | 5.362G         |
| 89   | 5.443G         | 90   | 5.712G         | 91   | 5.612G         | 92   | 5.606G         |
| 93   | 5.491G         | 94   | 5.364G         | 95   | 5.338G         | 96   | 5.417G         |
| 97   | 5.428G         | 98   | 5.553G         | 99   | 5.595G         | 100  | 5.583G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_09

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.652G         | 2    | 5.260G         | 3    | 5.508G         | 4    | 5.643G         |
| 5    | 5.653G         | 6    | 5.659G         | 7    | 5.381G         | 8    | 5.683G         |
| 9    | 5.724G         | 10   | 5.711G         | 11   | 5.577G         | 12   | 5.333G         |
| 13   | 5.682G         | 14   | 5.307G         | 15   | 5.258G         | 16   | 5.603G         |
| 17   | 5.605G         | 18   | 5.534G         | 19   | 5.520G         | 20   | 5.491G         |
| 21   | 5.367G         | 22   | 5.672G         | 23   | 5.355G         | 24   | 5.372G         |
| 25   | 5.651G         | 26   | 5.541G         | 27   | 5.274G         | 28   | 5.666G         |
| 29   | 5.498G         | 30   | 5.336G         | 31   | 5.420G         | 32   | 5.701G         |
| 33   | 5.496G         | 34   | 5.707G         | 35   | 5.361G         | 36   | 5.608G         |
| 37   | 5.582G         | 38   | 5.631G         | 39   | 5.289G         | 40   | 5.386G         |
| 41   | 5.568G         | 42   | 5.671G         | 43   | 5.455G         | 44   | 5.279G         |
| 45   | 5.558G         | 46   | 5.595G         | 47   | 5.363G         | 48   | 5.352G         |
| 49   | 5.549G         | 50   | 5.434G         | 51   | 5.602G         | 52   | 5.362G         |
| 53   | 5.379G         | 54   | 5.419G         | 55   | 5.554G         | 56   | 5.686G         |
| 57   | 5.366G         | 58   | 5.516G         | 59   | 5.285G         | 60   | 5.405G         |
| 61   | 5.319G         | 62   | 5.596G         | 63   | 5.394G         | 64   | 5.385G         |
| 65   | 5.356G         | 66   | 5.300G         | 67   | 5.641G         | 68   | 5.280G         |
| 69   | 5.332G         | 70   | 5.626G         | 71   | 5.674G         | 72   | 5.295G         |
| 73   | 5.664G         | 74   | 5.600G         | 75   | 5.523G         | 76   | 5.440G         |
| 77   | 5.286G         | 78   | 5.490G         | 79   | 5.259G         | 80   | 5.593G         |
| 81   | 5.531G         | 82   | 5.634G         | 83   | 5.489G         | 84   | 5.559G         |
| 85   | 5.527G         | 86   | 5.578G         | 87   | 5.322G         | 88   | 5.589G         |
| 89   | 5.709G         | 90   | 5.525G         | 91   | 5.535G         | 92   | 5.537G         |
| 93   | 5.636G         | 94   | 5.521G         | 95   | 5.323G         | 96   | 5.716G         |
| 97   | 5.611G         | 98   | 5.632G         | 99   | 5.282G         | 100  | 5.598G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_10

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.448G         | 2    | 5.353G         | 3    | 5.542G         | 4    | 5.384G         |
| 5    | 5.676G         | 6    | 5.609G         | 7    | 5.518G         | 8    | 5.454G         |
| 9    | 5.662G         | 10   | 5.516G         | 11   | 5.357G         | 12   | 5.406G         |
| 13   | 5.491G         | 14   | 5.438G         | 15   | 5.408G         | 16   | 5.263G         |
| 17   | 5.625G         | 18   | 5.559G         | 19   | 5.652G         | 20   | 5.280G         |
| 21   | 5.577G         | 22   | 5.254G         | 23   | 5.556G         | 24   | 5.472G         |
| 25   | 5.672G         | 26   | 5.282G         | 27   | 5.639G         | 28   | 5.527G         |
| 29   | 5.612G         | 30   | 5.569G         | 31   | 5.555G         | 32   | 5.630G         |
| 33   | 5.347G         | 34   | 5.607G         | 35   | 5.647G         | 36   | 5.425G         |
| 37   | 5.422G         | 38   | 5.329G         | 39   | 5.501G         | 40   | 5.704G         |
| 41   | 5.364G         | 42   | 5.374G         | 43   | 5.702G         | 44   | 5.554G         |
| 45   | 5.644G         | 46   | 5.277G         | 47   | 5.626G         | 48   | 5.418G         |
| 49   | 5.587G         | 50   | 5.604G         | 51   | 5.677G         | 52   | 5.558G         |
| 53   | 5.568G         | 54   | 5.534G         | 55   | 5.497G         | 56   | 5.401G         |
| 57   | 5.252G         | 58   | 5.466G         | 59   | 5.571G         | 60   | 5.584G         |
| 61   | 5.714G         | 62   | 5.682G         | 63   | 5.552G         | 64   | 5.610G         |
| 65   | 5.597G         | 66   | 5.392G         | 67   | 5.370G         | 68   | 5.456G         |
| 69   | 5.316G         | 70   | 5.274G         | 71   | 5.506G         | 72   | 5.523G         |
| 73   | 5.537G         | 74   | 5.533G         | 75   | 5.546G         | 76   | 5.645G         |
| 77   | 5.276G         | 78   | 5.505G         | 79   | 5.484G         | 80   | 5.684G         |
| 81   | 5.679G         | 82   | 5.259G         | 83   | 5.285G         | 84   | 5.668G         |
| 85   | 5.723G         | 86   | 5.656G         | 87   | 5.673G         | 88   | 5.255G         |
| 89   | 5.594G         | 90   | 5.339G         | 91   | 5.268G         | 92   | 5.502G         |
| 93   | 5.496G         | 94   | 5.503G         | 95   | 5.323G         | 96   | 5.273G         |
| 97   | 5.342G         | 98   | 5.711G         | 99   | 5.410G         | 100  | 5.661G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_11

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.407G         | 2    | 5.441G         | 3    | 5.498G         | 4    | 5.515G         |
| 5    | 5.358G         | 6    | 5.316G         | 7    | 5.659G         | 8    | 5.695G         |
| 9    | 5.542G         | 10   | 5.393G         | 11   | 5.592G         | 12   | 5.682G         |
| 13   | 5.332G         | 14   | 5.675G         | 15   | 5.608G         | 16   | 5.588G         |
| 17   | 5.578G         | 18   | 5.291G         | 19   | 5.614G         | 20   | 5.282G         |
| 21   | 5.648G         | 22   | 5.476G         | 23   | 5.273G         | 24   | 5.312G         |
| 25   | 5.697G         | 26   | 5.658G         | 27   | 5.349G         | 28   | 5.600G         |
| 29   | 5.279G         | 30   | 5.431G         | 31   | 5.484G         | 32   | 5.372G         |
| 33   | 5.283G         | 34   | 5.378G         | 35   | 5.401G         | 36   | 5.505G         |
| 37   | 5.471G         | 38   | 5.295G         | 39   | 5.470G         | 40   | 5.341G         |
| 41   | 5.669G         | 42   | 5.366G         | 43   | 5.290G         | 44   | 5.475G         |
| 45   | 5.549G         | 46   | 5.633G         | 47   | 5.430G         | 48   | 5.539G         |
| 49   | 5.425G         | 50   | 5.387G         | 51   | 5.511G         | 52   | 5.373G         |
| 53   | 5.514G         | 54   | 5.634G         | 55   | 5.297G         | 56   | 5.461G         |
| 57   | 5.392G         | 58   | 5.516G         | 59   | 5.270G         | 60   | 5.280G         |
| 61   | 5.427G         | 62   | 5.570G         | 63   | 5.289G         | 64   | 5.310G         |
| 65   | 5.411G         | 66   | 5.412G         | 67   | 5.711G         | 68   | 5.568G         |
| 69   | 5.386G         | 70   | 5.655G         | 71   | 5.409G         | 72   | 5.374G         |
| 73   | 5.437G         | 74   | 5.302G         | 75   | 5.617G         | 76   | 5.572G         |
| 77   | 5.370G         | 78   | 5.667G         | 79   | 5.601G         | 80   | 5.447G         |
| 81   | 5.551G         | 82   | 5.525G         | 83   | 5.292G         | 84   | 5.481G         |
| 85   | 5.571G         | 86   | 5.605G         | 87   | 5.395G         | 88   | 5.496G         |
| 89   | 5.402G         | 90   | 5.644G         | 91   | 5.631G         | 92   | 5.432G         |
| 93   | 5.694G         | 94   | 5.662G         | 95   | 5.540G         | 96   | 5.489G         |
| 97   | 5.463G         | 98   | 5.521G         | 99   | 5.486G         | 100  | 5.616G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_12 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.544G         | 2    | 5.339G         | 3    | 5.529G         | 4    | 5.472G         |
| 5                                                | 5.508G         | 6    | 5.431G         | 7    | 5.596G         | 8    | 5.270G         |
| 9                                                | 5.327G         | 10   | 5.379G         | 11   | 5.662G         | 12   | 5.462G         |
| 13                                               | 5.273G         | 14   | 5.617G         | 15   | 5.651G         | 16   | 5.377G         |
| 17                                               | 5.686G         | 18   | 5.415G         | 19   | 5.488G         | 20   | 5.380G         |
| 21                                               | 5.351G         | 22   | 5.688G         | 23   | 5.260G         | 24   | 5.530G         |
| 25                                               | 5.589G         | 26   | 5.703G         | 27   | 5.632G         | 28   | 5.609G         |
| 29                                               | 5.333G         | 30   | 5.286G         | 31   | 5.507G         | 32   | 5.693G         |
| 33                                               | 5.664G         | 34   | 5.582G         | 35   | 5.461G         | 36   | 5.358G         |
| 37                                               | 5.667G         | 38   | 5.555G         | 39   | 5.367G         | 40   | 5.570G         |
| 41                                               | 5.711G         | 42   | 5.372G         | 43   | 5.537G         | 44   | 5.267G         |
| 45                                               | 5.301G         | 46   | 5.585G         | 47   | 5.288G         | 48   | 5.583G         |
| 49                                               | 5.398G         | 50   | 5.421G         | 51   | 5.291G         | 52   | 5.445G         |
| 53                                               | 5.541G         | 54   | 5.504G         | 55   | 5.384G         | 56   | 5.299G         |
| 57                                               | 5.543G         | 58   | 5.556G         | 59   | 5.496G         | 60   | 5.477G         |
| 61                                               | 5.423G         | 62   | 5.678G         | 63   | 5.624G         | 64   | 5.353G         |
| 65                                               | 5.413G         | 66   | 5.296G         | 67   | 5.706G         | 68   | 5.685G         |
| 69                                               | 5.473G         | 70   | 5.722G         | 71   | 5.424G         | 72   | 5.525G         |
| 73                                               | 5.674G         | 74   | 5.359G         | 75   | 5.325G         | 76   | 5.489G         |
| 77                                               | 5.614G         | 78   | 5.622G         | 79   | 5.294G         | 80   | 5.573G         |
| 81                                               | 5.494G         | 82   | 5.326G         | 83   | 5.394G         | 84   | 5.482G         |
| 85                                               | 5.650G         | 86   | 5.435G         | 87   | 5.659G         | 88   | 5.400G         |
| 89                                               | 5.637G         | 90   | 5.355G         | 91   | 5.258G         | 92   | 5.449G         |
| 93                                               | 5.718G         | 94   | 5.676G         | 95   | 5.447G         | 96   | 5.549G         |
| 97                                               | 5.640G         | 98   | 5.645G         | 99   | 5.276G         | 100  | 5.533G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_13 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.358G         | 2    | 5.430G         | 3    | 5.615G         | 4    | 5.653G         |
| 5                                                | 5.439G         | 6    | 5.310G         | 7    | 5.399G         | 8    | 5.722G         |
| 9                                                | 5.721G         | 10   | 5.494G         | 11   | 5.352G         | 12   | 5.449G         |
| 13                                               | 5.538G         | 14   | 5.337G         | 15   | 5.438G         | 16   | 5.262G         |
| 17                                               | 5.307G         | 18   | 5.409G         | 19   | 5.503G         | 20   | 5.419G         |
| 21                                               | 5.487G         | 22   | 5.282G         | 23   | 5.417G         | 24   | 5.295G         |
| 25                                               | 5.644G         | 26   | 5.622G         | 27   | 5.383G         | 28   | 5.334G         |
| 29                                               | 5.692G         | 30   | 5.658G         | 31   | 5.598G         | 32   | 5.372G         |
| 33                                               | 5.573G         | 34   | 5.576G         | 35   | 5.491G         | 36   | 5.621G         |
| 37                                               | 5.380G         | 38   | 5.586G         | 39   | 5.527G         | 40   | 5.698G         |
| 41                                               | 5.342G         | 42   | 5.275G         | 43   | 5.492G         | 44   | 5.630G         |
| 45                                               | 5.529G         | 46   | 5.724G         | 47   | 5.269G         | 48   | 5.411G         |
| 49                                               | 5.474G         | 50   | 5.608G         | 51   | 5.553G         | 52   | 5.602G         |
| 53                                               | 5.429G         | 54   | 5.478G         | 55   | 5.312G         | 56   | 5.318G         |
| 57                                               | 5.673G         | 58   | 5.297G         | 59   | 5.369G         | 60   | 5.377G         |
| 61                                               | 5.375G         | 62   | 5.285G         | 63   | 5.558G         | 64   | 5.260G         |
| 65                                               | 5.390G         | 66   | 5.268G         | 67   | 5.656G         | 68   | 5.370G         |
| 69                                               | 5.596G         | 70   | 5.605G         | 71   | 5.591G         | 72   | 5.629G         |
| 73                                               | 5.506G         | 74   | 5.351G         | 75   | 5.281G         | 76   | 5.336G         |
| 77                                               | 5.524G         | 78   | 5.521G         | 79   | 5.461G         | 80   | 5.367G         |
| 81                                               | 5.296G         | 82   | 5.347G         | 83   | 5.435G         | 84   | 5.329G         |
| 85                                               | 5.340G         | 86   | 5.299G         | 87   | 5.680G         | 88   | 5.448G         |
| 89                                               | 5.261G         | 90   | 5.510G         | 91   | 5.265G         | 92   | 5.555G         |
| 93                                               | 5.595G         | 94   | 5.457G         | 95   | 5.280G         | 96   | 5.359G         |
| 97                                               | 5.410G         | 98   | 5.509G         | 99   | 5.379G         | 100  | 5.447G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_14

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.393G         | 2    | 5.673G         | 3    | 5.362G         | 4    | 5.390G         |
| 5    | 5.528G         | 6    | 5.625G         | 7    | 5.315G         | 8    | 5.383G         |
| 9    | 5.653G         | 10   | 5.342G         | 11   | 5.572G         | 12   | 5.613G         |
| 13   | 5.252G         | 14   | 5.520G         | 15   | 5.685G         | 16   | 5.292G         |
| 17   | 5.268G         | 18   | 5.450G         | 19   | 5.259G         | 20   | 5.674G         |
| 21   | 5.321G         | 22   | 5.371G         | 23   | 5.531G         | 24   | 5.381G         |
| 25   | 5.284G         | 26   | 5.403G         | 27   | 5.599G         | 28   | 5.549G         |
| 29   | 5.400G         | 30   | 5.482G         | 31   | 5.281G         | 32   | 5.454G         |
| 33   | 5.689G         | 34   | 5.290G         | 35   | 5.481G         | 36   | 5.540G         |
| 37   | 5.571G         | 38   | 5.368G         | 39   | 5.440G         | 40   | 5.555G         |
| 41   | 5.607G         | 42   | 5.399G         | 43   | 5.713G         | 44   | 5.301G         |
| 45   | 5.423G         | 46   | 5.369G         | 47   | 5.445G         | 48   | 5.566G         |
| 49   | 5.574G         | 50   | 5.724G         | 51   | 5.639G         | 52   | 5.406G         |
| 53   | 5.407G         | 54   | 5.543G         | 55   | 5.476G         | 56   | 5.660G         |
| 57   | 5.633G         | 58   | 5.700G         | 59   | 5.417G         | 60   | 5.439G         |
| 61   | 5.589G         | 62   | 5.585G         | 63   | 5.435G         | 64   | 5.500G         |
| 65   | 5.715G         | 66   | 5.280G         | 67   | 5.697G         | 68   | 5.366G         |
| 69   | 5.442G         | 70   | 5.558G         | 71   | 5.286G         | 72   | 5.448G         |
| 73   | 5.716G         | 74   | 5.508G         | 75   | 5.634G         | 76   | 5.488G         |
| 77   | 5.657G         | 78   | 5.554G         | 79   | 5.461G         | 80   | 5.721G         |
| 81   | 5.517G         | 82   | 5.269G         | 83   | 5.584G         | 84   | 5.693G         |
| 85   | 5.587G         | 86   | 5.502G         | 87   | 5.431G         | 88   | 5.405G         |
| 89   | 5.272G         | 90   | 5.707G         | 91   | 5.667G         | 92   | 5.418G         |
| 93   | 5.662G         | 94   | 5.387G         | 95   | 5.610G         | 96   | 5.536G         |
| 97   | 5.485G         | 98   | 5.605G         | 99   | 5.526G         | 100  | 5.279G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_15

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.293G         | 2    | 5.401G         | 3    | 5.260G         | 4    | 5.640G         |
| 5    | 5.308G         | 6    | 5.684G         | 7    | 5.527G         | 8    | 5.417G         |
| 9    | 5.419G         | 10   | 5.660G         | 11   | 5.495G         | 12   | 5.628G         |
| 13   | 5.363G         | 14   | 5.470G         | 15   | 5.517G         | 16   | 5.412G         |
| 17   | 5.446G         | 18   | 5.302G         | 19   | 5.567G         | 20   | 5.712G         |
| 21   | 5.272G         | 22   | 5.335G         | 23   | 5.582G         | 24   | 5.500G         |
| 25   | 5.311G         | 26   | 5.550G         | 27   | 5.378G         | 28   | 5.601G         |
| 29   | 5.671G         | 30   | 5.667G         | 31   | 5.452G         | 32   | 5.271G         |
| 33   | 5.283G         | 34   | 5.719G         | 35   | 5.536G         | 36   | 5.652G         |
| 37   | 5.526G         | 38   | 5.481G         | 39   | 5.657G         | 40   | 5.254G         |
| 41   | 5.343G         | 42   | 5.505G         | 43   | 5.542G         | 44   | 5.483G         |
| 45   | 5.342G         | 46   | 5.259G         | 47   | 5.710G         | 48   | 5.545G         |
| 49   | 5.410G         | 50   | 5.516G         | 51   | 5.489G         | 52   | 5.696G         |
| 53   | 5.512G         | 54   | 5.554G         | 55   | 5.571G         | 56   | 5.433G         |
| 57   | 5.445G         | 58   | 5.634G         | 59   | 5.345G         | 60   | 5.434G         |
| 61   | 5.716G         | 62   | 5.613G         | 63   | 5.541G         | 64   | 5.268G         |
| 65   | 5.282G         | 66   | 5.252G         | 67   | 5.442G         | 68   | 5.488G         |
| 69   | 5.703G         | 70   | 5.586G         | 71   | 5.349G         | 72   | 5.544G         |
| 73   | 5.325G         | 74   | 5.514G         | 75   | 5.456G         | 76   | 5.508G         |
| 77   | 5.403G         | 78   | 5.387G         | 79   | 5.406G         | 80   | 5.653G         |
| 81   | 5.497G         | 82   | 5.454G         | 83   | 5.307G         | 84   | 5.430G         |
| 85   | 5.377G         | 86   | 5.431G         | 87   | 5.382G         | 88   | 5.539G         |
| 89   | 5.251G         | 90   | 5.420G         | 91   | 5.638G         | 92   | 5.676G         |
| 93   | 5.592G         | 94   | 5.579G         | 95   | 5.463G         | 96   | 5.678G         |
| 97   | 5.262G         | 98   | 5.364G         | 99   | 5.388G         | 100  | 5.261G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_16

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.700G         | 2    | 5.350G         | 3    | 5.410G         | 4    | 5.401G         |
| 5    | 5.669G         | 6    | 5.409G         | 7    | 5.462G         | 8    | 5.338G         |
| 9    | 5.266G         | 10   | 5.526G         | 11   | 5.681G         | 12   | 5.337G         |
| 13   | 5.420G         | 14   | 5.267G         | 15   | 5.516G         | 16   | 5.629G         |
| 17   | 5.389G         | 18   | 5.299G         | 19   | 5.490G         | 20   | 5.398G         |
| 21   | 5.380G         | 22   | 5.418G         | 23   | 5.523G         | 24   | 5.655G         |
| 25   | 5.360G         | 26   | 5.328G         | 27   | 5.397G         | 28   | 5.639G         |
| 29   | 5.417G         | 30   | 5.423G         | 31   | 5.540G         | 32   | 5.342G         |
| 33   | 5.656G         | 34   | 5.296G         | 35   | 5.491G         | 36   | 5.635G         |
| 37   | 5.395G         | 38   | 5.255G         | 39   | 5.556G         | 40   | 5.254G         |
| 41   | 5.278G         | 42   | 5.648G         | 43   | 5.295G         | 44   | 5.576G         |
| 45   | 5.686G         | 46   | 5.569G         | 47   | 5.439G         | 48   | 5.476G         |
| 49   | 5.614G         | 50   | 5.422G         | 51   | 5.336G         | 52   | 5.367G         |
| 53   | 5.259G         | 54   | 5.461G         | 55   | 5.566G         | 56   | 5.702G         |
| 57   | 5.345G         | 58   | 5.307G         | 59   | 5.319G         | 60   | 5.289G         |
| 61   | 5.517G         | 62   | 5.281G         | 63   | 5.581G         | 64   | 5.673G         |
| 65   | 5.489G         | 66   | 5.339G         | 67   | 5.436G         | 68   | 5.352G         |
| 69   | 5.440G         | 70   | 5.634G         | 71   | 5.504G         | 72   | 5.411G         |
| 73   | 5.407G         | 74   | 5.625G         | 75   | 5.601G         | 76   | 5.678G         |
| 77   | 5.671G         | 78   | 5.282G         | 79   | 5.710G         | 80   | 5.324G         |
| 81   | 5.264G         | 82   | 5.536G         | 83   | 5.633G         | 84   | 5.499G         |
| 85   | 5.271G         | 86   | 5.568G         | 87   | 5.559G         | 88   | 5.644G         |
| 89   | 5.514G         | 90   | 5.664G         | 91   | 5.326G         | 92   | 5.294G         |
| 93   | 5.646G         | 94   | 5.315G         | 95   | 5.340G         | 96   | 5.408G         |
| 97   | 5.638G         | 98   | 5.599G         | 99   | 5.670G         | 100  | 5.561G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_17

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.563G         | 2    | 5.478G         | 3    | 5.723G         | 4    | 5.319G         |
| 5    | 5.374G         | 6    | 5.492G         | 7    | 5.469G         | 8    | 5.292G         |
| 9    | 5.525G         | 10   | 5.252G         | 11   | 5.350G         | 12   | 5.608G         |
| 13   | 5.323G         | 14   | 5.681G         | 15   | 5.388G         | 16   | 5.545G         |
| 17   | 5.291G         | 18   | 5.517G         | 19   | 5.253G         | 20   | 5.383G         |
| 21   | 5.489G         | 22   | 5.654G         | 23   | 5.704G         | 24   | 5.616G         |
| 25   | 5.621G         | 26   | 5.593G         | 27   | 5.435G         | 28   | 5.332G         |
| 29   | 5.420G         | 30   | 5.375G         | 31   | 5.587G         | 32   | 5.610G         |
| 33   | 5.498G         | 34   | 5.376G         | 35   | 5.661G         | 36   | 5.596G         |
| 37   | 5.413G         | 38   | 5.269G         | 39   | 5.701G         | 40   | 5.510G         |
| 41   | 5.266G         | 42   | 5.626G         | 43   | 5.516G         | 44   | 5.483G         |
| 45   | 5.467G         | 46   | 5.518G         | 47   | 5.586G         | 48   | 5.255G         |
| 49   | 5.512G         | 50   | 5.315G         | 51   | 5.639G         | 52   | 5.316G         |
| 53   | 5.667G         | 54   | 5.625G         | 55   | 5.495G         | 56   | 5.560G         |
| 57   | 5.455G         | 58   | 5.286G         | 59   | 5.324G         | 60   | 5.678G         |
| 61   | 5.555G         | 62   | 5.594G         | 63   | 5.662G         | 64   | 5.505G         |
| 65   | 5.320G         | 66   | 5.685G         | 67   | 5.282G         | 68   | 5.335G         |
| 69   | 5.677G         | 70   | 5.585G         | 71   | 5.526G         | 72   | 5.670G         |
| 73   | 5.400G         | 74   | 5.541G         | 75   | 5.488G         | 76   | 5.477G         |
| 77   | 5.480G         | 78   | 5.507G         | 79   | 5.449G         | 80   | 5.385G         |
| 81   | 5.473G         | 82   | 5.412G         | 83   | 5.714G         | 84   | 5.549G         |
| 85   | 5.690G         | 86   | 5.295G         | 87   | 5.619G         | 88   | 5.683G         |
| 89   | 5.411G         | 90   | 5.343G         | 91   | 5.664G         | 92   | 5.637G         |
| 93   | 5.351G         | 94   | 5.285G         | 95   | 5.691G         | 96   | 5.554G         |
| 97   | 5.415G         | 98   | 5.530G         | 99   | 5.692G         | 100  | 5.452G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_18

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.497G         | 2    | 5.599G         | 3    | 5.670G         | 4    | 5.665G         |
| 5    | 5.351G         | 6    | 5.278G         | 7    | 5.388G         | 8    | 5.600G         |
| 9    | 5.263G         | 10   | 5.572G         | 11   | 5.364G         | 12   | 5.532G         |
| 13   | 5.643G         | 14   | 5.487G         | 15   | 5.486G         | 16   | 5.631G         |
| 17   | 5.515G         | 18   | 5.492G         | 19   | 5.373G         | 20   | 5.442G         |
| 21   | 5.358G         | 22   | 5.293G         | 23   | 5.562G         | 24   | 5.355G         |
| 25   | 5.496G         | 26   | 5.467G         | 27   | 5.679G         | 28   | 5.707G         |
| 29   | 5.607G         | 30   | 5.513G         | 31   | 5.489G         | 32   | 5.485G         |
| 33   | 5.320G         | 34   | 5.418G         | 35   | 5.621G         | 36   | 5.416G         |
| 37   | 5.522G         | 38   | 5.407G         | 39   | 5.303G         | 40   | 5.357G         |
| 41   | 5.378G         | 42   | 5.542G         | 43   | 5.678G         | 44   | 5.452G         |
| 45   | 5.574G         | 46   | 5.449G         | 47   | 5.546G         | 48   | 5.610G         |
| 49   | 5.434G         | 50   | 5.613G         | 51   | 5.650G         | 52   | 5.469G         |
| 53   | 5.281G         | 54   | 5.608G         | 55   | 5.524G         | 56   | 5.529G         |
| 57   | 5.428G         | 58   | 5.661G         | 59   | 5.544G         | 60   | 5.512G         |
| 61   | 5.393G         | 62   | 5.411G         | 63   | 5.471G         | 64   | 5.462G         |
| 65   | 5.504G         | 66   | 5.399G         | 67   | 5.638G         | 68   | 5.298G         |
| 69   | 5.395G         | 70   | 5.553G         | 71   | 5.273G         | 72   | 5.578G         |
| 73   | 5.463G         | 74   | 5.423G         | 75   | 5.307G         | 76   | 5.516G         |
| 77   | 5.507G         | 78   | 5.480G         | 79   | 5.360G         | 80   | 5.721G         |
| 81   | 5.598G         | 82   | 5.376G         | 83   | 5.494G         | 84   | 5.398G         |
| 85   | 5.595G         | 86   | 5.521G         | 87   | 5.305G         | 88   | 5.446G         |
| 89   | 5.275G         | 90   | 5.443G         | 91   | 5.316G         | 92   | 5.437G         |
| 93   | 5.549G         | 94   | 5.693G         | 95   | 5.269G         | 96   | 5.295G         |
| 97   | 5.668G         | 98   | 5.586G         | 99   | 5.719G         | 100  | 5.615G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_19 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.691G         | 2    | 5.551G         | 3    | 5.579G         | 4    | 5.350G         |
| 5                                                | 5.688G         | 6    | 5.622G         | 7    | 5.294G         | 8    | 5.547G         |
| 9                                                | 5.460G         | 10   | 5.446G         | 11   | 5.270G         | 12   | 5.541G         |
| 13                                               | 5.620G         | 14   | 5.571G         | 15   | 5.384G         | 16   | 5.633G         |
| 17                                               | 5.477G         | 18   | 5.503G         | 19   | 5.553G         | 20   | 5.629G         |
| 21                                               | 5.472G         | 22   | 5.542G         | 23   | 5.528G         | 24   | 5.544G         |
| 25                                               | 5.613G         | 26   | 5.700G         | 27   | 5.434G         | 28   | 5.358G         |
| 29                                               | 5.525G         | 30   | 5.305G         | 31   | 5.644G         | 32   | 5.516G         |
| 33                                               | 5.648G         | 34   | 5.684G         | 35   | 5.488G         | 36   | 5.478G         |
| 37                                               | 5.498G         | 38   | 5.335G         | 39   | 5.441G         | 40   | 5.361G         |
| 41                                               | 5.411G         | 42   | 5.420G         | 43   | 5.396G         | 44   | 5.515G         |
| 45                                               | 5.353G         | 46   | 5.266G         | 47   | 5.451G         | 48   | 5.386G         |
| 49                                               | 5.617G         | 50   | 5.588G         | 51   | 5.374G         | 52   | 5.532G         |
| 53                                               | 5.666G         | 54   | 5.669G         | 55   | 5.314G         | 56   | 5.431G         |
| 57                                               | 5.520G         | 58   | 5.306G         | 59   | 5.272G         | 60   | 5.279G         |
| 61                                               | 5.634G         | 62   | 5.654G         | 63   | 5.619G         | 64   | 5.504G         |
| 65                                               | 5.334G         | 66   | 5.685G         | 67   | 5.690G         | 68   | 5.646G         |
| 69                                               | 5.575G         | 70   | 5.641G         | 71   | 5.297G         | 72   | 5.282G         |
| 73                                               | 5.713G         | 74   | 5.479G         | 75   | 5.663G         | 76   | 5.695G         |
| 77                                               | 5.492G         | 78   | 5.493G         | 79   | 5.668G         | 80   | 5.327G         |
| 81                                               | 5.288G         | 82   | 5.296G         | 83   | 5.413G         | 84   | 5.511G         |
| 85                                               | 5.486G         | 86   | 5.597G         | 87   | 5.286G         | 88   | 5.661G         |
| 89                                               | 5.421G         | 90   | 5.405G         | 91   | 5.536G         | 92   | 5.719G         |
| 93                                               | 5.518G         | 94   | 5.590G         | 95   | 5.608G         | 96   | 5.408G         |
| 97                                               | 5.582G         | 98   | 5.303G         | 99   | 5.449G         | 100  | 5.414G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_20 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.680G         | 2    | 5.483G         | 3    | 5.416G         | 4    | 5.549G         |
| 5                                                | 5.475G         | 6    | 5.321G         | 7    | 5.633G         | 8    | 5.278G         |
| 9                                                | 5.311G         | 10   | 5.524G         | 11   | 5.678G         | 12   | 5.521G         |
| 13                                               | 5.605G         | 14   | 5.367G         | 15   | 5.691G         | 16   | 5.672G         |
| 17                                               | 5.370G         | 18   | 5.504G         | 19   | 5.488G         | 20   | 5.433G         |
| 21                                               | 5.465G         | 22   | 5.282G         | 23   | 5.266G         | 24   | 5.701G         |
| 25                                               | 5.709G         | 26   | 5.267G         | 27   | 5.445G         | 28   | 5.385G         |
| 29                                               | 5.623G         | 30   | 5.299G         | 31   | 5.419G         | 32   | 5.707G         |
| 33                                               | 5.617G         | 34   | 5.322G         | 35   | 5.498G         | 36   | 5.632G         |
| 37                                               | 5.649G         | 38   | 5.546G         | 39   | 5.446G         | 40   | 5.541G         |
| 41                                               | 5.599G         | 42   | 5.630G         | 43   | 5.256G         | 44   | 5.568G         |
| 45                                               | 5.566G         | 46   | 5.537G         | 47   | 5.534G         | 48   | 5.277G         |
| 49                                               | 5.618G         | 50   | 5.374G         | 51   | 5.455G         | 52   | 5.283G         |
| 53                                               | 5.564G         | 54   | 5.312G         | 55   | 5.693G         | 56   | 5.436G         |
| 57                                               | 5.338G         | 58   | 5.372G         | 59   | 5.272G         | 60   | 5.369G         |
| 61                                               | 5.696G         | 62   | 5.507G         | 63   | 5.695G         | 64   | 5.529G         |
| 65                                               | 5.317G         | 66   | 5.384G         | 67   | 5.297G         | 68   | 5.494G         |
| 69                                               | 5.366G         | 70   | 5.705G         | 71   | 5.300G         | 72   | 5.715G         |
| 73                                               | 5.481G         | 74   | 5.287G         | 75   | 5.698G         | 76   | 5.301G         |
| 77                                               | 5.655G         | 78   | 5.670G         | 79   | 5.264G         | 80   | 5.420G         |
| 81                                               | 5.262G         | 82   | 5.676G         | 83   | 5.683G         | 84   | 5.394G         |
| 85                                               | 5.540G         | 86   | 5.337G         | 87   | 5.326G         | 88   | 5.431G         |
| 89                                               | 5.381G         | 90   | 5.505G         | 91   | 5.515G         | 92   | 5.275G         |
| 93                                               | 5.408G         | 94   | 5.690G         | 95   | 5.306G         | 96   | 5.359G         |
| 97                                               | 5.427G         | 98   | 5.342G         | 99   | 5.356G         | 100  | 5.462G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_21

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.600G         | 2    | 5.680G         | 3    | 5.444G         | 4    | 5.459G         |
| 5    | 5.718G         | 6    | 5.298G         | 7    | 5.441G         | 8    | 5.605G         |
| 9    | 5.622G         | 10   | 5.505G         | 11   | 5.286G         | 12   | 5.634G         |
| 13   | 5.683G         | 14   | 5.583G         | 15   | 5.428G         | 16   | 5.667G         |
| 17   | 5.570G         | 18   | 5.549G         | 19   | 5.553G         | 20   | 5.353G         |
| 21   | 5.602G         | 22   | 5.544G         | 23   | 5.377G         | 24   | 5.341G         |
| 25   | 5.677G         | 26   | 5.713G         | 27   | 5.629G         | 28   | 5.321G         |
| 29   | 5.483G         | 30   | 5.363G         | 31   | 5.636G         | 32   | 5.504G         |
| 33   | 5.595G         | 34   | 5.384G         | 35   | 5.474G         | 36   | 5.625G         |
| 37   | 5.269G         | 38   | 5.624G         | 39   | 5.665G         | 40   | 5.375G         |
| 41   | 5.712G         | 42   | 5.345G         | 43   | 5.418G         | 44   | 5.457G         |
| 45   | 5.311G         | 46   | 5.656G         | 47   | 5.507G         | 48   | 5.429G         |
| 49   | 5.440G         | 50   | 5.320G         | 51   | 5.540G         | 52   | 5.477G         |
| 53   | 5.411G         | 54   | 5.561G         | 55   | 5.352G         | 56   | 5.317G         |
| 57   | 5.497G         | 58   | 5.423G         | 59   | 5.576G         | 60   | 5.367G         |
| 61   | 5.509G         | 62   | 5.472G         | 63   | 5.641G         | 64   | 5.597G         |
| 65   | 5.559G         | 66   | 5.585G         | 67   | 5.626G         | 68   | 5.336G         |
| 69   | 5.271G         | 70   | 5.313G         | 71   | 5.420G         | 72   | 5.448G         |
| 73   | 5.443G         | 74   | 5.381G         | 75   | 5.647G         | 76   | 5.431G         |
| 77   | 5.370G         | 78   | 5.580G         | 79   | 5.323G         | 80   | 5.548G         |
| 81   | 5.430G         | 82   | 5.596G         | 83   | 5.523G         | 84   | 5.530G         |
| 85   | 5.560G         | 86   | 5.592G         | 87   | 5.314G         | 88   | 5.422G         |
| 89   | 5.607G         | 90   | 5.385G         | 91   | 5.628G         | 92   | 5.421G         |
| 93   | 5.463G         | 94   | 5.437G         | 95   | 5.646G         | 96   | 5.648G         |
| 97   | 5.536G         | 98   | 5.296G         | 99   | 5.312G         | 100  | 5.409G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_22 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.290G         | 2    | 5.317G         | 3    | 5.630G         | 4    | 5.724G         |
| 5                                                | 5.411G         | 6    | 5.700G         | 7    | 5.507G         | 8    | 5.263G         |
| 9                                                | 5.308G         | 10   | 5.568G         | 11   | 5.400G         | 12   | 5.252G         |
| 13                                               | 5.499G         | 14   | 5.570G         | 15   | 5.528G         | 16   | 5.461G         |
| 17                                               | 5.638G         | 18   | 5.399G         | 19   | 5.398G         | 20   | 5.254G         |
| 21                                               | 5.684G         | 22   | 5.616G         | 23   | 5.659G         | 24   | 5.285G         |
| 25                                               | 5.640G         | 26   | 5.647G         | 27   | 5.357G         | 28   | 5.279G         |
| 29                                               | 5.324G         | 30   | 5.323G         | 31   | 5.327G         | 32   | 5.626G         |
| 33                                               | 5.722G         | 34   | 5.345G         | 35   | 5.302G         | 36   | 5.483G         |
| 37                                               | 5.702G         | 38   | 5.384G         | 39   | 5.305G         | 40   | 5.651G         |
| 41                                               | 5.498G         | 42   | 5.693G         | 43   | 5.255G         | 44   | 5.564G         |
| 45                                               | 5.299G         | 46   | 5.482G         | 47   | 5.446G         | 48   | 5.704G         |
| 49                                               | 5.459G         | 50   | 5.582G         | 51   | 5.288G         | 52   | 5.720G         |
| 53                                               | 5.335G         | 54   | 5.286G         | 55   | 5.541G         | 56   | 5.457G         |
| 57                                               | 5.272G         | 58   | 5.365G         | 59   | 5.529G         | 60   | 5.618G         |
| 61                                               | 5.441G         | 62   | 5.581G         | 63   | 5.386G         | 64   | 5.650G         |
| 65                                               | 5.580G         | 66   | 5.612G         | 67   | 5.601G         | 68   | 5.557G         |
| 69                                               | 5.486G         | 70   | 5.608G         | 71   | 5.511G         | 72   | 5.664G         |
| 73                                               | 5.675G         | 74   | 5.525G         | 75   | 5.567G         | 76   | 5.678G         |
| 77                                               | 5.586G         | 78   | 5.336G         | 79   | 5.291G         | 80   | 5.387G         |
| 81                                               | 5.625G         | 82   | 5.356G         | 83   | 5.412G         | 84   | 5.706G         |
| 85                                               | 5.591G         | 86   | 5.688G         | 87   | 5.374G         | 88   | 5.401G         |
| 89                                               | 5.510G         | 90   | 5.624G         | 91   | 5.321G         | 92   | 5.339G         |
| 93                                               | 5.466G         | 94   | 5.475G         | 95   | 5.655G         | 96   | 5.328G         |
| 97                                               | 5.513G         | 98   | 5.686G         | 99   | 5.352G         | 100  | 5.261G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_23

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.367G         | 2    | 5.276G         | 3    | 5.659G         | 4    | 5.686G         |
| 5    | 5.388G         | 6    | 5.552G         | 7    | 5.452G         | 8    | 5.285G         |
| 9    | 5.475G         | 10   | 5.441G         | 11   | 5.514G         | 12   | 5.266G         |
| 13   | 5.432G         | 14   | 5.462G         | 15   | 5.545G         | 16   | 5.348G         |
| 17   | 5.442G         | 18   | 5.489G         | 19   | 5.271G         | 20   | 5.277G         |
| 21   | 5.542G         | 22   | 5.594G         | 23   | 5.411G         | 24   | 5.517G         |
| 25   | 5.613G         | 26   | 5.275G         | 27   | 5.426G         | 28   | 5.661G         |
| 29   | 5.286G         | 30   | 5.595G         | 31   | 5.645G         | 32   | 5.688G         |
| 33   | 5.357G         | 34   | 5.690G         | 35   | 5.543G         | 36   | 5.364G         |
| 37   | 5.497G         | 38   | 5.393G         | 39   | 5.435G         | 40   | 5.345G         |
| 41   | 5.482G         | 42   | 5.344G         | 43   | 5.570G         | 44   | 5.593G         |
| 45   | 5.715G         | 46   | 5.602G         | 47   | 5.548G         | 48   | 5.451G         |
| 49   | 5.633G         | 50   | 5.471G         | 51   | 5.605G         | 52   | 5.324G         |
| 53   | 5.550G         | 54   | 5.526G         | 55   | 5.445G         | 56   | 5.651G         |
| 57   | 5.289G         | 58   | 5.582G         | 59   | 5.535G         | 60   | 5.251G         |
| 61   | 5.549G         | 62   | 5.362G         | 63   | 5.527G         | 64   | 5.294G         |
| 65   | 5.539G         | 66   | 5.423G         | 67   | 5.268G         | 68   | 5.400G         |
| 69   | 5.368G         | 70   | 5.684G         | 71   | 5.553G         | 72   | 5.703G         |
| 73   | 5.460G         | 74   | 5.436G         | 75   | 5.448G         | 76   | 5.309G         |
| 77   | 5.290G         | 78   | 5.260G         | 79   | 5.444G         | 80   | 5.588G         |
| 81   | 5.530G         | 82   | 5.682G         | 83   | 5.418G         | 84   | 5.560G         |
| 85   | 5.320G         | 86   | 5.486G         | 87   | 5.404G         | 88   | 5.428G         |
| 89   | 5.663G         | 90   | 5.401G         | 91   | 5.580G         | 92   | 5.484G         |
| 93   | 5.495G         | 94   | 5.319G         | 95   | 5.267G         | 96   | 5.618G         |
| 97   | 5.431G         | 98   | 5.327G         | 99   | 5.252G         | 100  | 5.547G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_24 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.280G         | 2    | 5.283G         | 3    | 5.409G         | 4    | 5.651G         |
| 5                                                | 5.340G         | 6    | 5.620G         | 7    | 5.366G         | 8    | 5.353G         |
| 9                                                | 5.501G         | 10   | 5.456G         | 11   | 5.573G         | 12   | 5.583G         |
| 13                                               | 5.375G         | 14   | 5.630G         | 15   | 5.291G         | 16   | 5.333G         |
| 17                                               | 5.477G         | 18   | 5.453G         | 19   | 5.513G         | 20   | 5.510G         |
| 21                                               | 5.445G         | 22   | 5.407G         | 23   | 5.401G         | 24   | 5.671G         |
| 25                                               | 5.523G         | 26   | 5.428G         | 27   | 5.655G         | 28   | 5.603G         |
| 29                                               | 5.650G         | 30   | 5.270G         | 31   | 5.348G         | 32   | 5.367G         |
| 33                                               | 5.564G         | 34   | 5.673G         | 35   | 5.362G         | 36   | 5.378G         |
| 37                                               | 5.528G         | 38   | 5.334G         | 39   | 5.365G         | 40   | 5.568G         |
| 41                                               | 5.341G         | 42   | 5.636G         | 43   | 5.411G         | 44   | 5.549G         |
| 45                                               | 5.394G         | 46   | 5.271G         | 47   | 5.420G         | 48   | 5.724G         |
| 49                                               | 5.467G         | 50   | 5.423G         | 51   | 5.427G         | 52   | 5.580G         |
| 53                                               | 5.611G         | 54   | 5.313G         | 55   | 5.584G         | 56   | 5.553G         |
| 57                                               | 5.396G         | 58   | 5.688G         | 59   | 5.516G         | 60   | 5.433G         |
| 61                                               | 5.487G         | 62   | 5.308G         | 63   | 5.296G         | 64   | 5.338G         |
| 65                                               | 5.666G         | 66   | 5.464G         | 67   | 5.389G         | 68   | 5.421G         |
| 69                                               | 5.721G         | 70   | 5.605G         | 71   | 5.555G         | 72   | 5.447G         |
| 73                                               | 5.455G         | 74   | 5.567G         | 75   | 5.585G         | 76   | 5.656G         |
| 77                                               | 5.469G         | 78   | 5.640G         | 79   | 5.629G         | 80   | 5.424G         |
| 81                                               | 5.481G         | 82   | 5.329G         | 83   | 5.342G         | 84   | 5.610G         |
| 85                                               | 5.710G         | 86   | 5.489G         | 87   | 5.343G         | 88   | 5.442G         |
| 89                                               | 5.692G         | 90   | 5.292G         | 91   | 5.702G         | 92   | 5.601G         |
| 93                                               | 5.491G         | 94   | 5.626G         | 95   | 5.644G         | 96   | 5.641G         |
| 97                                               | 5.406G         | 98   | 5.450G         | 99   | 5.569G         | 100  | 5.690G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_25 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.615G         | 2    | 5.657G         | 3    | 5.676G         | 4    | 5.592G         |
| 5                                                | 5.327G         | 6    | 5.300G         | 7    | 5.337G         | 8    | 5.680G         |
| 9                                                | 5.448G         | 10   | 5.690G         | 11   | 5.417G         | 12   | 5.567G         |
| 13                                               | 5.604G         | 14   | 5.694G         | 15   | 5.516G         | 16   | 5.503G         |
| 17                                               | 5.312G         | 18   | 5.598G         | 19   | 5.696G         | 20   | 5.383G         |
| 21                                               | 5.718G         | 22   | 5.475G         | 23   | 5.603G         | 24   | 5.464G         |
| 25                                               | 5.425G         | 26   | 5.677G         | 27   | 5.320G         | 28   | 5.367G         |
| 29                                               | 5.313G         | 30   | 5.436G         | 31   | 5.463G         | 32   | 5.699G         |
| 33                                               | 5.565G         | 34   | 5.371G         | 35   | 5.411G         | 36   | 5.659G         |
| 37                                               | 5.661G         | 38   | 5.649G         | 39   | 5.391G         | 40   | 5.589G         |
| 41                                               | 5.452G         | 42   | 5.410G         | 43   | 5.484G         | 44   | 5.302G         |
| 45                                               | 5.692G         | 46   | 5.270G         | 47   | 5.386G         | 48   | 5.279G         |
| 49                                               | 5.601G         | 50   | 5.513G         | 51   | 5.602G         | 52   | 5.673G         |
| 53                                               | 5.501G         | 54   | 5.557G         | 55   | 5.494G         | 56   | 5.254G         |
| 57                                               | 5.571G         | 58   | 5.264G         | 59   | 5.573G         | 60   | 5.440G         |
| 61                                               | 5.281G         | 62   | 5.423G         | 63   | 5.358G         | 64   | 5.500G         |
| 65                                               | 5.701G         | 66   | 5.525G         | 67   | 5.446G         | 68   | 5.369G         |
| 69                                               | 5.499G         | 70   | 5.582G         | 71   | 5.717G         | 72   | 5.664G         |
| 73                                               | 5.515G         | 74   | 5.514G         | 75   | 5.461G         | 76   | 5.631G         |
| 77                                               | 5.719G         | 78   | 5.606G         | 79   | 5.483G         | 80   | 5.449G         |
| 81                                               | 5.458G         | 82   | 5.447G         | 83   | 5.616G         | 84   | 5.482G         |
| 85                                               | 5.453G         | 86   | 5.263G         | 87   | 5.542G         | 88   | 5.399G         |
| 89                                               | 5.469G         | 90   | 5.275G         | 91   | 5.295G         | 92   | 5.291G         |
| 93                                               | 5.416G         | 94   | 5.444G         | 95   | 5.599G         | 96   | 5.522G         |
| 97                                               | 5.640G         | 98   | 5.632G         | 99   | 5.472G         | 100  | 5.583G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_26 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.339G         | 2    | 5.672G         | 3    | 5.594G         | 4    | 5.694G         |
| 5                                                | 5.660G         | 6    | 5.647G         | 7    | 5.656G         | 8    | 5.705G         |
| 9                                                | 5.551G         | 10   | 5.542G         | 11   | 5.295G         | 12   | 5.316G         |
| 13                                               | 5.454G         | 14   | 5.592G         | 15   | 5.582G         | 16   | 5.303G         |
| 17                                               | 5.465G         | 18   | 5.417G         | 19   | 5.512G         | 20   | 5.710G         |
| 21                                               | 5.289G         | 22   | 5.286G         | 23   | 5.277G         | 24   | 5.440G         |
| 25                                               | 5.584G         | 26   | 5.518G         | 27   | 5.505G         | 28   | 5.597G         |
| 29                                               | 5.326G         | 30   | 5.371G         | 31   | 5.374G         | 32   | 5.639G         |
| 33                                               | 5.355G         | 34   | 5.609G         | 35   | 5.618G         | 36   | 5.463G         |
| 37                                               | 5.425G         | 38   | 5.404G         | 39   | 5.711G         | 40   | 5.506G         |
| 41                                               | 5.394G         | 42   | 5.431G         | 43   | 5.703G         | 44   | 5.489G         |
| 45                                               | 5.596G         | 46   | 5.575G         | 47   | 5.515G         | 48   | 5.655G         |
| 49                                               | 5.652G         | 50   | 5.494G         | 51   | 5.358G         | 52   | 5.648G         |
| 53                                               | 5.376G         | 54   | 5.457G         | 55   | 5.279G         | 56   | 5.707G         |
| 57                                               | 5.412G         | 58   | 5.396G         | 59   | 5.319G         | 60   | 5.430G         |
| 61                                               | 5.363G         | 62   | 5.379G         | 63   | 5.544G         | 64   | 5.364G         |
| 65                                               | 5.499G         | 66   | 5.622G         | 67   | 5.476G         | 68   | 5.536G         |
| 69                                               | 5.487G         | 70   | 5.587G         | 71   | 5.452G         | 72   | 5.418G         |
| 73                                               | 5.333G         | 74   | 5.321G         | 75   | 5.528G         | 76   | 5.574G         |
| 77                                               | 5.619G         | 78   | 5.386G         | 79   | 5.633G         | 80   | 5.467G         |
| 81                                               | 5.600G         | 82   | 5.500G         | 83   | 5.504G         | 84   | 5.265G         |
| 85                                               | 5.625G         | 86   | 5.359G         | 87   | 5.485G         | 88   | 5.372G         |
| 89                                               | 5.569G         | 90   | 5.456G         | 91   | 5.573G         | 92   | 5.581G         |
| 93                                               | 5.281G         | 94   | 5.314G         | 95   | 5.721G         | 96   | 5.650G         |
| 97                                               | 5.713G         | 98   | 5.275G         | 99   | 5.686G         | 100  | 5.708G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_27

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.452G         | 2    | 5.650G         | 3    | 5.373G         | 4    | 5.568G         |
| 5    | 5.602G         | 6    | 5.448G         | 7    | 5.593G         | 8    | 5.367G         |
| 9    | 5.529G         | 10   | 5.515G         | 11   | 5.598G         | 12   | 5.338G         |
| 13   | 5.380G         | 14   | 5.524G         | 15   | 5.371G         | 16   | 5.401G         |
| 17   | 5.522G         | 18   | 5.411G         | 19   | 5.715G         | 20   | 5.590G         |
| 21   | 5.300G         | 22   | 5.691G         | 23   | 5.433G         | 24   | 5.430G         |
| 25   | 5.670G         | 26   | 5.318G         | 27   | 5.319G         | 28   | 5.333G         |
| 29   | 5.260G         | 30   | 5.425G         | 31   | 5.530G         | 32   | 5.708G         |
| 33   | 5.722G         | 34   | 5.712G         | 35   | 5.501G         | 36   | 5.654G         |
| 37   | 5.485G         | 38   | 5.424G         | 39   | 5.638G         | 40   | 5.445G         |
| 41   | 5.564G         | 42   | 5.439G         | 43   | 5.376G         | 44   | 5.442G         |
| 45   | 5.619G         | 46   | 5.552G         | 47   | 5.347G         | 48   | 5.408G         |
| 49   | 5.316G         | 50   | 5.643G         | 51   | 5.269G         | 52   | 5.484G         |
| 53   | 5.687G         | 54   | 5.419G         | 55   | 5.573G         | 56   | 5.473G         |
| 57   | 5.327G         | 58   | 5.293G         | 59   | 5.611G         | 60   | 5.475G         |
| 61   | 5.537G         | 62   | 5.583G         | 63   | 5.444G         | 64   | 5.661G         |
| 65   | 5.551G         | 66   | 5.255G         | 67   | 5.364G         | 68   | 5.349G         |
| 69   | 5.574G         | 70   | 5.588G         | 71   | 5.680G         | 72   | 5.497G         |
| 73   | 5.585G         | 74   | 5.534G         | 75   | 5.365G         | 76   | 5.721G         |
| 77   | 5.469G         | 78   | 5.488G         | 79   | 5.406G         | 80   | 5.348G         |
| 81   | 5.504G         | 82   | 5.671G         | 83   | 5.651G         | 84   | 5.375G         |
| 85   | 5.286G         | 86   | 5.507G         | 87   | 5.414G         | 88   | 5.519G         |
| 89   | 5.684G         | 90   | 5.438G         | 91   | 5.520G         | 92   | 5.265G         |
| 93   | 5.404G         | 94   | 5.711G         | 95   | 5.586G         | 96   | 5.657G         |
| 97   | 5.302G         | 98   | 5.575G         | 99   | 5.490G         | 100  | 5.464G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_28

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.434G         | 2    | 5.680G         | 3    | 5.335G         | 4    | 5.560G         |
| 5    | 5.369G         | 6    | 5.305G         | 7    | 5.710G         | 8    | 5.275G         |
| 9    | 5.315G         | 10   | 5.475G         | 11   | 5.269G         | 12   | 5.460G         |
| 13   | 5.533G         | 14   | 5.627G         | 15   | 5.702G         | 16   | 5.661G         |
| 17   | 5.707G         | 18   | 5.356G         | 19   | 5.687G         | 20   | 5.328G         |
| 21   | 5.656G         | 22   | 5.563G         | 23   | 5.581G         | 24   | 5.361G         |
| 25   | 5.694G         | 26   | 5.468G         | 27   | 5.456G         | 28   | 5.304G         |
| 29   | 5.499G         | 30   | 5.255G         | 31   | 5.391G         | 32   | 5.647G         |
| 33   | 5.320G         | 34   | 5.653G         | 35   | 5.298G         | 36   | 5.536G         |
| 37   | 5.665G         | 38   | 5.268G         | 39   | 5.623G         | 40   | 5.721G         |
| 41   | 5.620G         | 42   | 5.611G         | 43   | 5.313G         | 44   | 5.570G         |
| 45   | 5.545G         | 46   | 5.716G         | 47   | 5.524G         | 48   | 5.628G         |
| 49   | 5.698G         | 50   | 5.558G         | 51   | 5.278G         | 52   | 5.723G         |
| 53   | 5.420G         | 54   | 5.359G         | 55   | 5.722G         | 56   | 5.492G         |
| 57   | 5.446G         | 58   | 5.354G         | 59   | 5.474G         | 60   | 5.638G         |
| 61   | 5.720G         | 62   | 5.618G         | 63   | 5.582G         | 64   | 5.326G         |
| 65   | 5.398G         | 66   | 5.410G         | 67   | 5.634G         | 68   | 5.344G         |
| 69   | 5.697G         | 70   | 5.253G         | 71   | 5.519G         | 72   | 5.424G         |
| 73   | 5.594G         | 74   | 5.286G         | 75   | 5.599G         | 76   | 5.264G         |
| 77   | 5.718G         | 78   | 5.576G         | 79   | 5.682G         | 80   | 5.432G         |
| 81   | 5.584G         | 82   | 5.462G         | 83   | 5.525G         | 84   | 5.336G         |
| 85   | 5.577G         | 86   | 5.459G         | 87   | 5.714G         | 88   | 5.449G         |
| 89   | 5.483G         | 90   | 5.490G         | 91   | 5.347G         | 92   | 5.277G         |
| 93   | 5.478G         | 94   | 5.292G         | 95   | 5.274G         | 96   | 5.377G         |
| 97   | 5.617G         | 98   | 5.367G         | 99   | 5.472G         | 100  | 5.337G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_29

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.410G         | 2    | 5.585G         | 3    | 5.609G         | 4    | 5.523G         |
| 5    | 5.304G         | 6    | 5.466G         | 7    | 5.262G         | 8    | 5.617G         |
| 9    | 5.311G         | 10   | 5.677G         | 11   | 5.590G         | 12   | 5.283G         |
| 13   | 5.305G         | 14   | 5.601G         | 15   | 5.404G         | 16   | 5.690G         |
| 17   | 5.302G         | 18   | 5.655G         | 19   | 5.668G         | 20   | 5.389G         |
| 21   | 5.412G         | 22   | 5.709G         | 23   | 5.286G         | 24   | 5.631G         |
| 25   | 5.626G         | 26   | 5.487G         | 27   | 5.257G         | 28   | 5.491G         |
| 29   | 5.328G         | 30   | 5.345G         | 31   | 5.651G         | 32   | 5.275G         |
| 33   | 5.605G         | 34   | 5.430G         | 35   | 5.588G         | 36   | 5.705G         |
| 37   | 5.289G         | 38   | 5.694G         | 39   | 5.365G         | 40   | 5.307G         |
| 41   | 5.673G         | 42   | 5.288G         | 43   | 5.458G         | 44   | 5.363G         |
| 45   | 5.573G         | 46   | 5.424G         | 47   | 5.654G         | 48   | 5.354G         |
| 49   | 5.548G         | 50   | 5.696G         | 51   | 5.440G         | 52   | 5.701G         |
| 53   | 5.629G         | 54   | 5.390G         | 55   | 5.334G         | 56   | 5.507G         |
| 57   | 5.434G         | 58   | 5.724G         | 59   | 5.485G         | 60   | 5.444G         |
| 61   | 5.527G         | 62   | 5.428G         | 63   | 5.360G         | 64   | 5.377G         |
| 65   | 5.542G         | 66   | 5.641G         | 67   | 5.423G         | 68   | 5.446G         |
| 69   | 5.483G         | 70   | 5.478G         | 71   | 5.537G         | 72   | 5.293G         |
| 73   | 5.612G         | 74   | 5.476G         | 75   | 5.445G         | 76   | 5.702G         |
| 77   | 5.596G         | 78   | 5.388G         | 79   | 5.544G         | 80   | 5.499G         |
| 81   | 5.621G         | 82   | 5.353G         | 83   | 5.402G         | 84   | 5.603G         |
| 85   | 5.650G         | 86   | 5.469G         | 87   | 5.327G         | 88   | 5.313G         |
| 89   | 5.721G         | 90   | 5.432G         | 91   | 5.646G         | 92   | 5.680G         |
| 93   | 5.640G         | 94   | 5.295G         | 95   | 5.606G         | 96   | 5.604G         |
| 97   | 5.539G         | 98   | 5.325G         | 99   | 5.468G         | 100  | 5.484G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_30 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.631G         | 2    | 5.628G         | 3    | 5.645G         | 4    | 5.347G         |
| 5                                                | 5.591G         | 6    | 5.427G         | 7    | 5.333G         | 8    | 5.692G         |
| 9                                                | 5.441G         | 10   | 5.504G         | 11   | 5.600G         | 12   | 5.551G         |
| 13                                               | 5.271G         | 14   | 5.647G         | 15   | 5.646G         | 16   | 5.406G         |
| 17                                               | 5.613G         | 18   | 5.291G         | 19   | 5.362G         | 20   | 5.394G         |
| 21                                               | 5.470G         | 22   | 5.458G         | 23   | 5.546G         | 24   | 5.563G         |
| 25                                               | 5.318G         | 26   | 5.397G         | 27   | 5.260G         | 28   | 5.636G         |
| 29                                               | 5.576G         | 30   | 5.430G         | 31   | 5.391G         | 32   | 5.460G         |
| 33                                               | 5.361G         | 34   | 5.708G         | 35   | 5.698G         | 36   | 5.544G         |
| 37                                               | 5.258G         | 38   | 5.474G         | 39   | 5.703G         | 40   | 5.416G         |
| 41                                               | 5.657G         | 42   | 5.328G         | 43   | 5.277G         | 44   | 5.617G         |
| 45                                               | 5.449G         | 46   | 5.489G         | 47   | 5.575G         | 48   | 5.268G         |
| 49                                               | 5.294G         | 50   | 5.723G         | 51   | 5.644G         | 52   | 5.590G         |
| 53                                               | 5.256G         | 54   | 5.721G         | 55   | 5.261G         | 56   | 5.259G         |
| 57                                               | 5.514G         | 58   | 5.476G         | 59   | 5.345G         | 60   | 5.459G         |
| 61                                               | 5.462G         | 62   | 5.266G         | 63   | 5.407G         | 64   | 5.488G         |
| 65                                               | 5.286G         | 66   | 5.371G         | 67   | 5.571G         | 68   | 5.556G         |
| 69                                               | 5.588G         | 70   | 5.654G         | 71   | 5.678G         | 72   | 5.354G         |
| 73                                               | 5.472G         | 74   | 5.526G         | 75   | 5.487G         | 76   | 5.468G         |
| 77                                               | 5.508G         | 78   | 5.388G         | 79   | 5.446G         | 80   | 5.520G         |
| 81                                               | 5.418G         | 82   | 5.390G         | 83   | 5.550G         | 84   | 5.482G         |
| 85                                               | 5.337G         | 86   | 5.404G         | 87   | 5.664G         | 88   | 5.465G         |
| 89                                               | 5.598G         | 90   | 5.257G         | 91   | 5.392G         | 92   | 5.516G         |
| 93                                               | 5.448G         | 94   | 5.327G         | 95   | 5.614G         | 96   | 5.594G         |
| 97                                               | 5.633G         | 98   | 5.637G         | 99   | 5.715G         | 100  | 5.329G         |

For B3 - 802.11ac VHT80

Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_01

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.584G         | 2    | 5.650G         | 3    | 5.556G         | 4    | 5.372G         |
| 5    | 5.441G         | 6    | 5.637G         | 7    | 5.635G         | 8    | 5.288G         |
| 9    | 5.697G         | 10   | 5.412G         | 11   | 5.323G         | 12   | 5.452G         |
| 13   | 5.659G         | 14   | 5.460G         | 15   | 5.641G         | 16   | 5.681G         |
| 17   | 5.374G         | 18   | 5.301G         | 19   | 5.510G         | 20   | 5.468G         |
| 21   | 5.585G         | 22   | 5.486G         | 23   | 5.314G         | 24   | 5.677G         |
| 25   | 5.655G         | 26   | 5.570G         | 27   | 5.687G         | 28   | 5.675G         |
| 29   | 5.572G         | 30   | 5.583G         | 31   | 5.505G         | 32   | 5.698G         |
| 33   | 5.350G         | 34   | 5.551G         | 35   | 5.597G         | 36   | 5.707G         |
| 37   | 5.333G         | 38   | 5.617G         | 39   | 5.259G         | 40   | 5.663G         |
| 41   | 5.620G         | 42   | 5.398G         | 43   | 5.366G         | 44   | 5.685G         |
| 45   | 5.516G         | 46   | 5.630G         | 47   | 5.633G         | 48   | 5.445G         |
| 49   | 5.458G         | 50   | 5.345G         | 51   | 5.680G         | 52   | 5.592G         |
| 53   | 5.396G         | 54   | 5.463G         | 55   | 5.469G         | 56   | 5.672G         |
| 57   | 5.518G         | 58   | 5.648G         | 59   | 5.435G         | 60   | 5.297G         |
| 61   | 5.332G         | 62   | 5.526G         | 63   | 5.586G         | 64   | 5.609G         |
| 65   | 5.657G         | 66   | 5.430G         | 67   | 5.274G         | 68   | 5.471G         |
| 69   | 5.310G         | 70   | 5.504G         | 71   | 5.673G         | 72   | 5.281G         |
| 73   | 5.682G         | 74   | 5.498G         | 75   | 5.688G         | 76   | 5.544G         |
| 77   | 5.712G         | 78   | 5.634G         | 79   | 5.608G         | 80   | 5.282G         |
| 81   | 5.631G         | 82   | 5.415G         | 83   | 5.699G         | 84   | 5.360G         |
| 85   | 5.283G         | 86   | 5.316G         | 87   | 5.472G         | 88   | 5.449G         |
| 89   | 5.694G         | 90   | 5.269G         | 91   | 5.700G         | 92   | 5.294G         |
| 93   | 5.692G         | 94   | 5.286G         | 95   | 5.501G         | 96   | 5.689G         |
| 97   | 5.324G         | 98   | 5.588G         | 99   | 5.536G         | 100  | 5.579G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_02

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.346G         | 2    | 5.501G         | 3    | 5.272G         | 4    | 5.295G         |
| 5    | 5.403G         | 6    | 5.712G         | 7    | 5.613G         | 8    | 5.429G         |
| 9    | 5.263G         | 10   | 5.351G         | 11   | 5.476G         | 12   | 5.323G         |
| 13   | 5.606G         | 14   | 5.355G         | 15   | 5.603G         | 16   | 5.402G         |
| 17   | 5.721G         | 18   | 5.330G         | 19   | 5.557G         | 20   | 5.354G         |
| 21   | 5.315G         | 22   | 5.465G         | 23   | 5.590G         | 24   | 5.704G         |
| 25   | 5.551G         | 26   | 5.303G         | 27   | 5.638G         | 28   | 5.493G         |
| 29   | 5.480G         | 30   | 5.709G         | 31   | 5.438G         | 32   | 5.255G         |
| 33   | 5.344G         | 34   | 5.256G         | 35   | 5.651G         | 36   | 5.460G         |
| 37   | 5.660G         | 38   | 5.343G         | 39   | 5.277G         | 40   | 5.436G         |
| 41   | 5.658G         | 42   | 5.370G         | 43   | 5.286G         | 44   | 5.446G         |
| 45   | 5.655G         | 46   | 5.517G         | 47   | 5.394G         | 48   | 5.360G         |
| 49   | 5.648G         | 50   | 5.425G         | 51   | 5.612G         | 52   | 5.620G         |
| 53   | 5.592G         | 54   | 5.570G         | 55   | 5.518G         | 56   | 5.298G         |
| 57   | 5.632G         | 58   | 5.600G         | 59   | 5.448G         | 60   | 5.258G         |
| 61   | 5.487G         | 62   | 5.701G         | 63   | 5.297G         | 64   | 5.449G         |
| 65   | 5.691G         | 66   | 5.450G         | 67   | 5.565G         | 68   | 5.348G         |
| 69   | 5.679G         | 70   | 5.629G         | 71   | 5.380G         | 72   | 5.453G         |
| 73   | 5.584G         | 74   | 5.335G         | 75   | 5.591G         | 76   | 5.705G         |
| 77   | 5.398G         | 78   | 5.270G         | 79   | 5.622G         | 80   | 5.514G         |
| 81   | 5.434G         | 82   | 5.369G         | 83   | 5.485G         | 84   | 5.301G         |
| 85   | 5.345G         | 86   | 5.618G         | 87   | 5.452G         | 88   | 5.441G         |
| 89   | 5.474G         | 90   | 5.250G         | 91   | 5.616G         | 92   | 5.710G         |
| 93   | 5.468G         | 94   | 5.513G         | 95   | 5.692G         | 96   | 5.334G         |
| 97   | 5.504G         | 98   | 5.347G         | 99   | 5.280G         | 100  | 5.400G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_03 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.520G         | 2    | 5.463G         | 3    | 5.410G         | 4    | 5.684G         |
| 5                                                | 5.482G         | 6    | 5.448G         | 7    | 5.370G         | 8    | 5.610G         |
| 9                                                | 5.413G         | 10   | 5.667G         | 11   | 5.326G         | 12   | 5.381G         |
| 13                                               | 5.443G         | 14   | 5.583G         | 15   | 5.334G         | 16   | 5.642G         |
| 17                                               | 5.414G         | 18   | 5.457G         | 19   | 5.385G         | 20   | 5.412G         |
| 21                                               | 5.382G         | 22   | 5.578G         | 23   | 5.670G         | 24   | 5.465G         |
| 25                                               | 5.483G         | 26   | 5.257G         | 27   | 5.323G         | 28   | 5.674G         |
| 29                                               | 5.536G         | 30   | 5.384G         | 31   | 5.596G         | 32   | 5.722G         |
| 33                                               | 5.269G         | 34   | 5.643G         | 35   | 5.560G         | 36   | 5.628G         |
| 37                                               | 5.580G         | 38   | 5.415G         | 39   | 5.369G         | 40   | 5.636G         |
| 41                                               | 5.660G         | 42   | 5.477G         | 43   | 5.678G         | 44   | 5.492G         |
| 45                                               | 5.624G         | 46   | 5.337G         | 47   | 5.400G         | 48   | 5.698G         |
| 49                                               | 5.640G         | 50   | 5.260G         | 51   | 5.564G         | 52   | 5.403G         |
| 53                                               | 5.427G         | 54   | 5.627G         | 55   | 5.350G         | 56   | 5.611G         |
| 57                                               | 5.566G         | 58   | 5.691G         | 59   | 5.358G         | 60   | 5.648G         |
| 61                                               | 5.262G         | 62   | 5.429G         | 63   | 5.378G         | 64   | 5.590G         |
| 65                                               | 5.393G         | 66   | 5.278G         | 67   | 5.718G         | 68   | 5.312G         |
| 69                                               | 5.529G         | 70   | 5.305G         | 71   | 5.552G         | 72   | 5.650G         |
| 73                                               | 5.454G         | 74   | 5.330G         | 75   | 5.422G         | 76   | 5.341G         |
| 77                                               | 5.356G         | 78   | 5.485G         | 79   | 5.551G         | 80   | 5.588G         |
| 81                                               | 5.544G         | 82   | 5.716G         | 83   | 5.304G         | 84   | 5.659G         |
| 85                                               | 5.277G         | 86   | 5.703G         | 87   | 5.472G         | 88   | 5.575G         |
| 89                                               | 5.537G         | 90   | 5.294G         | 91   | 5.690G         | 92   | 5.380G         |
| 93                                               | 5.614G         | 94   | 5.362G         | 95   | 5.423G         | 96   | 5.311G         |
| 97                                               | 5.637G         | 98   | 5.540G         | 99   | 5.270G         | 100  | 5.302G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_04 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.397G         | 2    | 5.383G         | 3    | 5.462G         | 4    | 5.338G         |
| 5                                                | 5.267G         | 6    | 5.261G         | 7    | 5.454G         | 8    | 5.500G         |
| 9                                                | 5.603G         | 10   | 5.568G         | 11   | 5.328G         | 12   | 5.467G         |
| 13                                               | 5.629G         | 14   | 5.612G         | 15   | 5.544G         | 16   | 5.375G         |
| 17                                               | 5.325G         | 18   | 5.507G         | 19   | 5.514G         | 20   | 5.433G         |
| 21                                               | 5.718G         | 22   | 5.526G         | 23   | 5.497G         | 24   | 5.520G         |
| 25                                               | 5.555G         | 26   | 5.389G         | 27   | 5.628G         | 28   | 5.511G         |
| 29                                               | 5.435G         | 30   | 5.424G         | 31   | 5.319G         | 32   | 5.453G         |
| 33                                               | 5.493G         | 34   | 5.311G         | 35   | 5.641G         | 36   | 5.415G         |
| 37                                               | 5.547G         | 38   | 5.655G         | 39   | 5.711G         | 40   | 5.579G         |
| 41                                               | 5.702G         | 42   | 5.260G         | 43   | 5.336G         | 44   | 5.278G         |
| 45                                               | 5.314G         | 46   | 5.587G         | 47   | 5.688G         | 48   | 5.598G         |
| 49                                               | 5.443G         | 50   | 5.719G         | 51   | 5.291G         | 52   | 5.428G         |
| 53                                               | 5.441G         | 54   | 5.377G         | 55   | 5.385G         | 56   | 5.315G         |
| 57                                               | 5.609G         | 58   | 5.274G         | 59   | 5.409G         | 60   | 5.546G         |
| 61                                               | 5.431G         | 62   | 5.288G         | 63   | 5.324G         | 64   | 5.341G         |
| 65                                               | 5.376G         | 66   | 5.689G         | 67   | 5.541G         | 68   | 5.422G         |
| 69                                               | 5.695G         | 70   | 5.679G         | 71   | 5.618G         | 72   | 5.465G         |
| 73                                               | 5.255G         | 74   | 5.590G         | 75   | 5.634G         | 76   | 5.388G         |
| 77                                               | 5.406G         | 78   | 5.420G         | 79   | 5.309G         | 80   | 5.362G         |
| 81                                               | 5.425G         | 82   | 5.605G         | 83   | 5.624G         | 84   | 5.374G         |
| 85                                               | 5.366G         | 86   | 5.360G         | 87   | 5.645G         | 88   | 5.297G         |
| 89                                               | 5.556G         | 90   | 5.554G         | 91   | 5.351G         | 92   | 5.596G         |
| 93                                               | 5.302G         | 94   | 5.470G         | 95   | 5.654G         | 96   | 5.299G         |
| 97                                               | 5.481G         | 98   | 5.606G         | 99   | 5.487G         | 100  | 5.343G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_05

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.421G         | 2    | 5.644G         | 3    | 5.275G         | 4    | 5.412G         |
| 5    | 5.320G         | 6    | 5.350G         | 7    | 5.652G         | 8    | 5.620G         |
| 9    | 5.548G         | 10   | 5.601G         | 11   | 5.640G         | 12   | 5.450G         |
| 13   | 5.582G         | 14   | 5.702G         | 15   | 5.311G         | 16   | 5.349G         |
| 17   | 5.489G         | 18   | 5.605G         | 19   | 5.698G         | 20   | 5.407G         |
| 21   | 5.478G         | 22   | 5.545G         | 23   | 5.267G         | 24   | 5.658G         |
| 25   | 5.376G         | 26   | 5.707G         | 27   | 5.592G         | 28   | 5.696G         |
| 29   | 5.655G         | 30   | 5.504G         | 31   | 5.271G         | 32   | 5.416G         |
| 33   | 5.667G         | 34   | 5.673G         | 35   | 5.347G         | 36   | 5.700G         |
| 37   | 5.307G         | 38   | 5.723G         | 39   | 5.357G         | 40   | 5.522G         |
| 41   | 5.417G         | 42   | 5.257G         | 43   | 5.383G         | 44   | 5.419G         |
| 45   | 5.714G         | 46   | 5.393G         | 47   | 5.261G         | 48   | 5.508G         |
| 49   | 5.485G         | 50   | 5.260G         | 51   | 5.318G         | 52   | 5.628G         |
| 53   | 5.278G         | 54   | 5.430G         | 55   | 5.520G         | 56   | 5.392G         |
| 57   | 5.358G         | 58   | 5.270G         | 59   | 5.627G         | 60   | 5.557G         |
| 61   | 5.558G         | 62   | 5.305G         | 63   | 5.526G         | 64   | 5.314G         |
| 65   | 5.528G         | 66   | 5.555G         | 67   | 5.540G         | 68   | 5.380G         |
| 69   | 5.573G         | 70   | 5.268G         | 71   | 5.459G         | 72   | 5.482G         |
| 73   | 5.653G         | 74   | 5.353G         | 75   | 5.306G         | 76   | 5.324G         |
| 77   | 5.497G         | 78   | 5.693G         | 79   | 5.362G         | 80   | 5.514G         |
| 81   | 5.581G         | 82   | 5.415G         | 83   | 5.368G         | 84   | 5.599G         |
| 85   | 5.291G         | 86   | 5.704G         | 87   | 5.503G         | 88   | 5.564G         |
| 89   | 5.611G         | 90   | 5.634G         | 91   | 5.560G         | 92   | 5.300G         |
| 93   | 5.646G         | 94   | 5.561G         | 95   | 5.692G         | 96   | 5.633G         |
| 97   | 5.635G         | 98   | 5.492G         | 99   | 5.312G         | 100  | 5.690G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_06

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.510G         | 2    | 5.475G         | 3    | 5.466G         | 4    | 5.512G         |
| 5    | 5.665G         | 6    | 5.493G         | 7    | 5.595G         | 8    | 5.412G         |
| 9    | 5.488G         | 10   | 5.435G         | 11   | 5.408G         | 12   | 5.263G         |
| 13   | 5.569G         | 14   | 5.713G         | 15   | 5.269G         | 16   | 5.687G         |
| 17   | 5.554G         | 18   | 5.392G         | 19   | 5.455G         | 20   | 5.592G         |
| 21   | 5.264G         | 22   | 5.670G         | 23   | 5.660G         | 24   | 5.614G         |
| 25   | 5.715G         | 26   | 5.560G         | 27   | 5.591G         | 28   | 5.461G         |
| 29   | 5.290G         | 30   | 5.278G         | 31   | 5.714G         | 32   | 5.365G         |
| 33   | 5.650G         | 34   | 5.307G         | 35   | 5.432G         | 36   | 5.641G         |
| 37   | 5.490G         | 38   | 5.417G         | 39   | 5.265G         | 40   | 5.457G         |
| 41   | 5.367G         | 42   | 5.598G         | 43   | 5.308G         | 44   | 5.669G         |
| 45   | 5.287G         | 46   | 5.413G         | 47   | 5.312G         | 48   | 5.389G         |
| 49   | 5.495G         | 50   | 5.530G         | 51   | 5.532G         | 52   | 5.525G         |
| 53   | 5.697G         | 54   | 5.619G         | 55   | 5.494G         | 56   | 5.577G         |
| 57   | 5.563G         | 58   | 5.342G         | 59   | 5.288G         | 60   | 5.313G         |
| 61   | 5.513G         | 62   | 5.636G         | 63   | 5.316G         | 64   | 5.428G         |
| 65   | 5.304G         | 66   | 5.326G         | 67   | 5.681G         | 68   | 5.584G         |
| 69   | 5.272G         | 70   | 5.363G         | 71   | 5.460G         | 72   | 5.468G         |
| 73   | 5.710G         | 74   | 5.362G         | 75   | 5.722G         | 76   | 5.262G         |
| 77   | 5.385G         | 78   | 5.482G         | 79   | 5.336G         | 80   | 5.390G         |
| 81   | 5.688G         | 82   | 5.277G         | 83   | 5.407G         | 84   | 5.393G         |
| 85   | 5.334G         | 86   | 5.372G         | 87   | 5.422G         | 88   | 5.322G         |
| 89   | 5.581G         | 90   | 5.559G         | 91   | 5.346G         | 92   | 5.380G         |
| 93   | 5.515G         | 94   | 5.258G         | 95   | 5.606G         | 96   | 5.406G         |
| 97   | 5.564G         | 98   | 5.444G         | 99   | 5.613G         | 100  | 5.526G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_07

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.551G         | 2    | 5.676G         | 3    | 5.484G         | 4    | 5.572G         |
| 5    | 5.380G         | 6    | 5.718G         | 7    | 5.660G         | 8    | 5.644G         |
| 9    | 5.397G         | 10   | 5.438G         | 11   | 5.410G         | 12   | 5.256G         |
| 13   | 5.538G         | 14   | 5.542G         | 15   | 5.550G         | 16   | 5.480G         |
| 17   | 5.413G         | 18   | 5.461G         | 19   | 5.463G         | 20   | 5.369G         |
| 21   | 5.640G         | 22   | 5.383G         | 23   | 5.375G         | 24   | 5.488G         |
| 25   | 5.570G         | 26   | 5.281G         | 27   | 5.613G         | 28   | 5.282G         |
| 29   | 5.310G         | 30   | 5.273G         | 31   | 5.724G         | 32   | 5.622G         |
| 33   | 5.633G         | 34   | 5.267G         | 35   | 5.715G         | 36   | 5.523G         |
| 37   | 5.632G         | 38   | 5.620G         | 39   | 5.567G         | 40   | 5.589G         |
| 41   | 5.318G         | 42   | 5.263G         | 43   | 5.378G         | 44   | 5.716G         |
| 45   | 5.289G         | 46   | 5.568G         | 47   | 5.710G         | 48   | 5.516G         |
| 49   | 5.606G         | 50   | 5.337G         | 51   | 5.283G         | 52   | 5.717G         |
| 53   | 5.424G         | 54   | 5.651G         | 55   | 5.711G         | 56   | 5.707G         |
| 57   | 5.698G         | 58   | 5.462G         | 59   | 5.518G         | 60   | 5.445G         |
| 61   | 5.360G         | 62   | 5.653G         | 63   | 5.307G         | 64   | 5.341G         |
| 65   | 5.581G         | 66   | 5.457G         | 67   | 5.601G         | 68   | 5.345G         |
| 69   | 5.658G         | 70   | 5.431G         | 71   | 5.648G         | 72   | 5.253G         |
| 73   | 5.683G         | 74   | 5.384G         | 75   | 5.398G         | 76   | 5.459G         |
| 77   | 5.254G         | 78   | 5.607G         | 79   | 5.301G         | 80   | 5.417G         |
| 81   | 5.347G         | 82   | 5.643G         | 83   | 5.712G         | 84   | 5.514G         |
| 85   | 5.576G         | 86   | 5.610G         | 87   | 5.386G         | 88   | 5.381G         |
| 89   | 5.476G         | 90   | 5.680G         | 91   | 5.272G         | 92   | 5.477G         |
| 93   | 5.565G         | 94   | 5.450G         | 95   | 5.414G         | 96   | 5.343G         |
| 97   | 5.497G         | 98   | 5.405G         | 99   | 5.503G         | 100  | 5.577G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_08

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.452G         | 2    | 5.443G         | 3    | 5.458G         | 4    | 5.492G         |
| 5    | 5.281G         | 6    | 5.280G         | 7    | 5.290G         | 8    | 5.685G         |
| 9    | 5.655G         | 10   | 5.636G         | 11   | 5.369G         | 12   | 5.320G         |
| 13   | 5.272G         | 14   | 5.644G         | 15   | 5.250G         | 16   | 5.695G         |
| 17   | 5.303G         | 18   | 5.268G         | 19   | 5.384G         | 20   | 5.351G         |
| 21   | 5.620G         | 22   | 5.588G         | 23   | 5.447G         | 24   | 5.283G         |
| 25   | 5.658G         | 26   | 5.566G         | 27   | 5.457G         | 28   | 5.476G         |
| 29   | 5.626G         | 30   | 5.325G         | 31   | 5.679G         | 32   | 5.590G         |
| 33   | 5.282G         | 34   | 5.538G         | 35   | 5.269G         | 36   | 5.539G         |
| 37   | 5.408G         | 38   | 5.400G         | 39   | 5.604G         | 40   | 5.371G         |
| 41   | 5.520G         | 42   | 5.499G         | 43   | 5.274G         | 44   | 5.352G         |
| 45   | 5.436G         | 46   | 5.505G         | 47   | 5.394G         | 48   | 5.617G         |
| 49   | 5.330G         | 50   | 5.652G         | 51   | 5.700G         | 52   | 5.317G         |
| 53   | 5.592G         | 54   | 5.473G         | 55   | 5.398G         | 56   | 5.573G         |
| 57   | 5.393G         | 58   | 5.674G         | 59   | 5.635G         | 60   | 5.546G         |
| 61   | 5.370G         | 62   | 5.542G         | 63   | 5.376G         | 64   | 5.561G         |
| 65   | 5.385G         | 66   | 5.606G         | 67   | 5.516G         | 68   | 5.613G         |
| 69   | 5.701G         | 70   | 5.510G         | 71   | 5.397G         | 72   | 5.332G         |
| 73   | 5.642G         | 74   | 5.651G         | 75   | 5.430G         | 76   | 5.551G         |
| 77   | 5.560G         | 78   | 5.316G         | 79   | 5.302G         | 80   | 5.382G         |
| 81   | 5.714G         | 82   | 5.341G         | 83   | 5.429G         | 84   | 5.693G         |
| 85   | 5.523G         | 86   | 5.470G         | 87   | 5.252G         | 88   | 5.420G         |
| 89   | 5.266G         | 90   | 5.563G         | 91   | 5.472G         | 92   | 5.601G         |
| 93   | 5.273G         | 94   | 5.340G         | 95   | 5.296G         | 96   | 5.333G         |
| 97   | 5.441G         | 98   | 5.550G         | 99   | 5.475G         | 100  | 5.678G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_09

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.618G         | 2    | 5.628G         | 3    | 5.634G         | 4    | 5.468G         |
| 5    | 5.711G         | 6    | 5.257G         | 7    | 5.588G         | 8    | 5.445G         |
| 9    | 5.625G         | 10   | 5.675G         | 11   | 5.527G         | 12   | 5.470G         |
| 13   | 5.707G         | 14   | 5.438G         | 15   | 5.559G         | 16   | 5.499G         |
| 17   | 5.388G         | 18   | 5.662G         | 19   | 5.594G         | 20   | 5.394G         |
| 21   | 5.354G         | 22   | 5.678G         | 23   | 5.418G         | 24   | 5.332G         |
| 25   | 5.696G         | 26   | 5.716G         | 27   | 5.621G         | 28   | 5.450G         |
| 29   | 5.348G         | 30   | 5.434G         | 31   | 5.452G         | 32   | 5.368G         |
| 33   | 5.382G         | 34   | 5.254G         | 35   | 5.578G         | 36   | 5.377G         |
| 37   | 5.269G         | 38   | 5.554G         | 39   | 5.449G         | 40   | 5.430G         |
| 41   | 5.383G         | 42   | 5.623G         | 43   | 5.401G         | 44   | 5.399G         |
| 45   | 5.550G         | 46   | 5.586G         | 47   | 5.581G         | 48   | 5.308G         |
| 49   | 5.512G         | 50   | 5.275G         | 51   | 5.362G         | 52   | 5.363G         |
| 53   | 5.576G         | 54   | 5.671G         | 55   | 5.342G         | 56   | 5.381G         |
| 57   | 5.284G         | 58   | 5.390G         | 59   | 5.605G         | 60   | 5.455G         |
| 61   | 5.503G         | 62   | 5.547G         | 63   | 5.562G         | 64   | 5.429G         |
| 65   | 5.704G         | 66   | 5.426G         | 67   | 5.411G         | 68   | 5.613G         |
| 69   | 5.584G         | 70   | 5.311G         | 71   | 5.501G         | 72   | 5.537G         |
| 73   | 5.451G         | 74   | 5.717G         | 75   | 5.709G         | 76   | 5.695G         |
| 77   | 5.303G         | 78   | 5.369G         | 79   | 5.514G         | 80   | 5.570G         |
| 81   | 5.665G         | 82   | 5.592G         | 83   | 5.631G         | 84   | 5.253G         |
| 85   | 5.622G         | 86   | 5.463G         | 87   | 5.469G         | 88   | 5.518G         |
| 89   | 5.437G         | 90   | 5.642G         | 91   | 5.630G         | 92   | 5.398G         |
| 93   | 5.491G         | 94   | 5.367G         | 95   | 5.346G         | 96   | 5.425G         |
| 97   | 5.414G         | 98   | 5.640G         | 99   | 5.321G         | 100  | 5.393G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_10

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.314G         | 2    | 5.430G         | 3    | 5.302G         | 4    | 5.313G         |
| 5    | 5.617G         | 6    | 5.493G         | 7    | 5.598G         | 8    | 5.300G         |
| 9    | 5.712G         | 10   | 5.573G         | 11   | 5.578G         | 12   | 5.340G         |
| 13   | 5.359G         | 14   | 5.593G         | 15   | 5.351G         | 16   | 5.451G         |
| 17   | 5.354G         | 18   | 5.389G         | 19   | 5.275G         | 20   | 5.625G         |
| 21   | 5.515G         | 22   | 5.574G         | 23   | 5.404G         | 24   | 5.552G         |
| 25   | 5.426G         | 26   | 5.561G         | 27   | 5.685G         | 28   | 5.555G         |
| 29   | 5.592G         | 30   | 5.363G         | 31   | 5.717G         | 32   | 5.347G         |
| 33   | 5.252G         | 34   | 5.701G         | 35   | 5.614G         | 36   | 5.608G         |
| 37   | 5.671G         | 38   | 5.449G         | 39   | 5.556G         | 40   | 5.371G         |
| 41   | 5.373G         | 42   | 5.652G         | 43   | 5.365G         | 44   | 5.304G         |
| 45   | 5.537G         | 46   | 5.634G         | 47   | 5.281G         | 48   | 5.647G         |
| 49   | 5.324G         | 50   | 5.544G         | 51   | 5.447G         | 52   | 5.437G         |
| 53   | 5.400G         | 54   | 5.289G         | 55   | 5.325G         | 56   | 5.505G         |
| 57   | 5.603G         | 58   | 5.279G         | 59   | 5.416G         | 60   | 5.446G         |
| 61   | 5.326G         | 62   | 5.419G         | 63   | 5.550G         | 64   | 5.409G         |
| 65   | 5.605G         | 66   | 5.316G         | 67   | 5.360G         | 68   | 5.540G         |
| 69   | 5.370G         | 70   | 5.495G         | 71   | 5.613G         | 72   | 5.467G         |
| 73   | 5.362G         | 74   | 5.514G         | 75   | 5.298G         | 76   | 5.559G         |
| 77   | 5.380G         | 78   | 5.636G         | 79   | 5.589G         | 80   | 5.470G         |
| 81   | 5.551G         | 82   | 5.428G         | 83   | 5.429G         | 84   | 5.716G         |
| 85   | 5.361G         | 86   | 5.330G         | 87   | 5.441G         | 88   | 5.402G         |
| 89   | 5.271G         | 90   | 5.297G         | 91   | 5.696G         | 92   | 5.691G         |
| 93   | 5.376G         | 94   | 5.424G         | 95   | 5.707G         | 96   | 5.307G         |
| 97   | 5.435G         | 98   | 5.385G         | 99   | 5.638G         | 100  | 5.563G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_11

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.583G         | 2    | 5.494G         | 3    | 5.698G         | 4    | 5.598G         |
| 5    | 5.625G         | 6    | 5.370G         | 7    | 5.326G         | 8    | 5.606G         |
| 9    | 5.498G         | 10   | 5.328G         | 11   | 5.694G         | 12   | 5.709G         |
| 13   | 5.613G         | 14   | 5.481G         | 15   | 5.418G         | 16   | 5.677G         |
| 17   | 5.448G         | 18   | 5.343G         | 19   | 5.357G         | 20   | 5.554G         |
| 21   | 5.659G         | 22   | 5.396G         | 23   | 5.303G         | 24   | 5.419G         |
| 25   | 5.362G         | 26   | 5.428G         | 27   | 5.469G         | 28   | 5.268G         |
| 29   | 5.394G         | 30   | 5.492G         | 31   | 5.663G         | 32   | 5.720G         |
| 33   | 5.567G         | 34   | 5.356G         | 35   | 5.635G         | 36   | 5.372G         |
| 37   | 5.386G         | 38   | 5.345G         | 39   | 5.600G         | 40   | 5.412G         |
| 41   | 5.258G         | 42   | 5.411G         | 43   | 5.301G         | 44   | 5.618G         |
| 45   | 5.699G         | 46   | 5.604G         | 47   | 5.463G         | 48   | 5.542G         |
| 49   | 5.680G         | 50   | 5.670G         | 51   | 5.368G         | 52   | 5.589G         |
| 53   | 5.553G         | 54   | 5.515G         | 55   | 5.446G         | 56   | 5.304G         |
| 57   | 5.441G         | 58   | 5.424G         | 59   | 5.620G         | 60   | 5.263G         |
| 61   | 5.592G         | 62   | 5.629G         | 63   | 5.466G         | 64   | 5.556G         |
| 65   | 5.636G         | 66   | 5.722G         | 67   | 5.302G         | 68   | 5.656G         |
| 69   | 5.252G         | 70   | 5.286G         | 71   | 5.369G         | 72   | 5.723G         |
| 73   | 5.573G         | 74   | 5.569G         | 75   | 5.558G         | 76   | 5.250G         |
| 77   | 5.500G         | 78   | 5.457G         | 79   | 5.462G         | 80   | 5.562G         |
| 81   | 5.716G         | 82   | 5.614G         | 83   | 5.347G         | 84   | 5.565G         |
| 85   | 5.288G         | 86   | 5.627G         | 87   | 5.342G         | 88   | 5.696G         |
| 89   | 5.712G         | 90   | 5.337G         | 91   | 5.649G         | 92   | 5.538G         |
| 93   | 5.688G         | 94   | 5.549G         | 95   | 5.272G         | 96   | 5.447G         |
| 97   | 5.519G         | 98   | 5.323G         | 99   | 5.314G         | 100  | 5.706G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_12

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.511G         | 2    | 5.597G         | 3    | 5.289G         | 4    | 5.670G         |
| 5    | 5.617G         | 6    | 5.438G         | 7    | 5.491G         | 8    | 5.682G         |
| 9    | 5.526G         | 10   | 5.298G         | 11   | 5.352G         | 12   | 5.714G         |
| 13   | 5.689G         | 14   | 5.688G         | 15   | 5.360G         | 16   | 5.431G         |
| 17   | 5.530G         | 18   | 5.549G         | 19   | 5.478G         | 20   | 5.411G         |
| 21   | 5.658G         | 22   | 5.356G         | 23   | 5.265G         | 24   | 5.345G         |
| 25   | 5.520G         | 26   | 5.624G         | 27   | 5.562G         | 28   | 5.674G         |
| 29   | 5.284G         | 30   | 5.707G         | 31   | 5.464G         | 32   | 5.502G         |
| 33   | 5.315G         | 34   | 5.297G         | 35   | 5.639G         | 36   | 5.469G         |
| 37   | 5.407G         | 38   | 5.353G         | 39   | 5.542G         | 40   | 5.458G         |
| 41   | 5.545G         | 42   | 5.367G         | 43   | 5.569G         | 44   | 5.687G         |
| 45   | 5.680G         | 46   | 5.722G         | 47   | 5.312G         | 48   | 5.465G         |
| 49   | 5.574G         | 50   | 5.319G         | 51   | 5.648G         | 52   | 5.702G         |
| 53   | 5.664G         | 54   | 5.515G         | 55   | 5.613G         | 56   | 5.504G         |
| 57   | 5.662G         | 58   | 5.251G         | 59   | 5.322G         | 60   | 5.448G         |
| 61   | 5.395G         | 62   | 5.582G         | 63   | 5.350G         | 64   | 5.563G         |
| 65   | 5.508G         | 66   | 5.261G         | 67   | 5.577G         | 68   | 5.393G         |
| 69   | 5.280G         | 70   | 5.374G         | 71   | 5.380G         | 72   | 5.519G         |
| 73   | 5.460G         | 74   | 5.587G         | 75   | 5.720G         | 76   | 5.653G         |
| 77   | 5.611G         | 78   | 5.657G         | 79   | 5.596G         | 80   | 5.642G         |
| 81   | 5.684G         | 82   | 5.604G         | 83   | 5.538G         | 84   | 5.415G         |
| 85   | 5.692G         | 86   | 5.423G         | 87   | 5.258G         | 88   | 5.336G         |
| 89   | 5.436G         | 90   | 5.349G         | 91   | 5.287G         | 92   | 5.427G         |
| 93   | 5.283G         | 94   | 5.711G         | 95   | 5.316G         | 96   | 5.638G         |
| 97   | 5.507G         | 98   | 5.691G         | 99   | 5.399G         | 100  | 5.610G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_13 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.524G         | 2    | 5.546G         | 3    | 5.257G         | 4    | 5.323G         |
| 5                                                | 5.303G         | 6    | 5.498G         | 7    | 5.585G         | 8    | 5.653G         |
| 9                                                | 5.540G         | 10   | 5.413G         | 11   | 5.482G         | 12   | 5.462G         |
| 13                                               | 5.296G         | 14   | 5.656G         | 15   | 5.626G         | 16   | 5.631G         |
| 17                                               | 5.567G         | 18   | 5.711G         | 19   | 5.418G         | 20   | 5.374G         |
| 21                                               | 5.666G         | 22   | 5.623G         | 23   | 5.382G         | 24   | 5.408G         |
| 25                                               | 5.615G         | 26   | 5.394G         | 27   | 5.593G         | 28   | 5.657G         |
| 29                                               | 5.441G         | 30   | 5.395G         | 31   | 5.714G         | 32   | 5.607G         |
| 33                                               | 5.254G         | 34   | 5.612G         | 35   | 5.677G         | 36   | 5.717G         |
| 37                                               | 5.684G         | 38   | 5.660G         | 39   | 5.273G         | 40   | 5.415G         |
| 41                                               | 5.351G         | 42   | 5.484G         | 43   | 5.673G         | 44   | 5.610G         |
| 45                                               | 5.442G         | 46   | 5.478G         | 47   | 5.661G         | 48   | 5.563G         |
| 49                                               | 5.560G         | 50   | 5.617G         | 51   | 5.463G         | 52   | 5.459G         |
| 53                                               | 5.469G         | 54   | 5.417G         | 55   | 5.525G         | 56   | 5.555G         |
| 57                                               | 5.493G         | 58   | 5.371G         | 59   | 5.516G         | 60   | 5.663G         |
| 61                                               | 5.347G         | 62   | 5.288G         | 63   | 5.580G         | 64   | 5.350G         |
| 65                                               | 5.378G         | 66   | 5.700G         | 67   | 5.597G         | 68   | 5.324G         |
| 69                                               | 5.458G         | 70   | 5.471G         | 71   | 5.538G         | 72   | 5.599G         |
| 73                                               | 5.426G         | 74   | 5.310G         | 75   | 5.688G         | 76   | 5.333G         |
| 77                                               | 5.475G         | 78   | 5.258G         | 79   | 5.419G         | 80   | 5.701G         |
| 81                                               | 5.600G         | 82   | 5.590G         | 83   | 5.690G         | 84   | 5.528G         |
| 85                                               | 5.362G         | 86   | 5.342G         | 87   | 5.502G         | 88   | 5.414G         |
| 89                                               | 5.457G         | 90   | 5.297G         | 91   | 5.357G         | 92   | 5.509G         |
| 93                                               | 5.274G         | 94   | 5.451G         | 95   | 5.328G         | 96   | 5.539G         |
| 97                                               | 5.596G         | 98   | 5.479G         | 99   | 5.474G         | 100  | 5.284G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_14 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.284G         | 2    | 5.688G         | 3    | 5.520G         | 4    | 5.344G         |
| 5                                                | 5.339G         | 6    | 5.657G         | 7    | 5.545G         | 8    | 5.607G         |
| 9                                                | 5.538G         | 10   | 5.297G         | 11   | 5.658G         | 12   | 5.600G         |
| 13                                               | 5.460G         | 14   | 5.285G         | 15   | 5.398G         | 16   | 5.264G         |
| 17                                               | 5.303G         | 18   | 5.465G         | 19   | 5.708G         | 20   | 5.443G         |
| 21                                               | 5.421G         | 22   | 5.630G         | 23   | 5.386G         | 24   | 5.357G         |
| 25                                               | 5.723G         | 26   | 5.684G         | 27   | 5.483G         | 28   | 5.551G         |
| 29                                               | 5.529G         | 30   | 5.275G         | 31   | 5.381G         | 32   | 5.444G         |
| 33                                               | 5.639G         | 34   | 5.345G         | 35   | 5.326G         | 36   | 5.506G         |
| 37                                               | 5.531G         | 38   | 5.679G         | 39   | 5.355G         | 40   | 5.649G         |
| 41                                               | 5.560G         | 42   | 5.377G         | 43   | 5.331G         | 44   | 5.428G         |
| 45                                               | 5.575G         | 46   | 5.500G         | 47   | 5.509G         | 48   | 5.656G         |
| 49                                               | 5.693G         | 50   | 5.376G         | 51   | 5.434G         | 52   | 5.327G         |
| 53                                               | 5.542G         | 54   | 5.368G         | 55   | 5.321G         | 56   | 5.349G         |
| 57                                               | 5.389G         | 58   | 5.353G         | 59   | 5.606G         | 60   | 5.494G         |
| 61                                               | 5.315G         | 62   | 5.568G         | 63   | 5.559G         | 64   | 5.278G         |
| 65                                               | 5.680G         | 66   | 5.288G         | 67   | 5.557G         | 68   | 5.405G         |
| 69                                               | 5.589G         | 70   | 5.634G         | 71   | 5.721G         | 72   | 5.350G         |
| 73                                               | 5.485G         | 74   | 5.481G         | 75   | 5.433G         | 76   | 5.296G         |
| 77                                               | 5.691G         | 78   | 5.544G         | 79   | 5.587G         | 80   | 5.599G         |
| 81                                               | 5.713G         | 82   | 5.632G         | 83   | 5.676G         | 84   | 5.307G         |
| 85                                               | 5.497G         | 86   | 5.328G         | 87   | 5.653G         | 88   | 5.578G         |
| 89                                               | 5.332G         | 90   | 5.608G         | 91   | 5.310G         | 92   | 5.445G         |
| 93                                               | 5.419G         | 94   | 5.576G         | 95   | 5.503G         | 96   | 5.549G         |
| 97                                               | 5.322G         | 98   | 5.683G         | 99   | 5.707G         | 100  | 5.698G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_15

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.522G         | 2    | 5.425G         | 3    | 5.421G         | 4    | 5.722G         |
| 5    | 5.369G         | 6    | 5.553G         | 7    | 5.395G         | 8    | 5.265G         |
| 9    | 5.669G         | 10   | 5.543G         | 11   | 5.266G         | 12   | 5.490G         |
| 13   | 5.724G         | 14   | 5.250G         | 15   | 5.405G         | 16   | 5.579G         |
| 17   | 5.520G         | 18   | 5.608G         | 19   | 5.686G         | 20   | 5.404G         |
| 21   | 5.494G         | 22   | 5.560G         | 23   | 5.446G         | 24   | 5.367G         |
| 25   | 5.545G         | 26   | 5.388G         | 27   | 5.350G         | 28   | 5.402G         |
| 29   | 5.640G         | 30   | 5.286G         | 31   | 5.273G         | 32   | 5.680G         |
| 33   | 5.256G         | 34   | 5.292G         | 35   | 5.308G         | 36   | 5.481G         |
| 37   | 5.304G         | 38   | 5.600G         | 39   | 5.397G         | 40   | 5.299G         |
| 41   | 5.386G         | 42   | 5.586G         | 43   | 5.602G         | 44   | 5.444G         |
| 45   | 5.684G         | 46   | 5.505G         | 47   | 5.723G         | 48   | 5.613G         |
| 49   | 5.532G         | 50   | 5.319G         | 51   | 5.595G         | 52   | 5.370G         |
| 53   | 5.318G         | 54   | 5.314G         | 55   | 5.487G         | 56   | 5.531G         |
| 57   | 5.604G         | 58   | 5.272G         | 59   | 5.572G         | 60   | 5.598G         |
| 61   | 5.384G         | 62   | 5.591G         | 63   | 5.619G         | 64   | 5.695G         |
| 65   | 5.372G         | 66   | 5.452G         | 67   | 5.443G         | 68   | 5.269G         |
| 69   | 5.462G         | 70   | 5.568G         | 71   | 5.346G         | 72   | 5.422G         |
| 73   | 5.257G         | 74   | 5.523G         | 75   | 5.671G         | 76   | 5.307G         |
| 77   | 5.361G         | 78   | 5.416G         | 79   | 5.433G         | 80   | 5.617G         |
| 81   | 5.398G         | 82   | 5.351G         | 83   | 5.485G         | 84   | 5.650G         |
| 85   | 5.347G         | 86   | 5.334G         | 87   | 5.442G         | 88   | 5.276G         |
| 89   | 5.392G         | 90   | 5.360G         | 91   | 5.456G         | 92   | 5.468G         |
| 93   | 5.309G         | 94   | 5.328G         | 95   | 5.497G         | 96   | 5.337G         |
| 97   | 5.294G         | 98   | 5.261G         | 99   | 5.557G         | 100  | 5.665G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_16 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.587G         | 2    | 5.395G         | 3    | 5.533G         | 4    | 5.319G         |
| 5                                                | 5.473G         | 6    | 5.361G         | 7    | 5.697G         | 8    | 5.549G         |
| 9                                                | 5.680G         | 10   | 5.507G         | 11   | 5.526G         | 12   | 5.374G         |
| 13                                               | 5.377G         | 14   | 5.723G         | 15   | 5.444G         | 16   | 5.457G         |
| 17                                               | 5.347G         | 18   | 5.517G         | 19   | 5.313G         | 20   | 5.412G         |
| 21                                               | 5.720G         | 22   | 5.719G         | 23   | 5.380G         | 24   | 5.410G         |
| 25                                               | 5.692G         | 26   | 5.323G         | 27   | 5.466G         | 28   | 5.506G         |
| 29                                               | 5.386G         | 30   | 5.286G         | 31   | 5.643G         | 32   | 5.681G         |
| 33                                               | 5.370G         | 34   | 5.333G         | 35   | 5.476G         | 36   | 5.498G         |
| 37                                               | 5.655G         | 38   | 5.368G         | 39   | 5.612G         | 40   | 5.254G         |
| 41                                               | 5.602G         | 42   | 5.627G         | 43   | 5.335G         | 44   | 5.404G         |
| 45                                               | 5.718G         | 46   | 5.656G         | 47   | 5.667G         | 48   | 5.431G         |
| 49                                               | 5.686G         | 50   | 5.651G         | 51   | 5.585G         | 52   | 5.649G         |
| 53                                               | 5.265G         | 54   | 5.474G         | 55   | 5.268G         | 56   | 5.631G         |
| 57                                               | 5.376G         | 58   | 5.260G         | 59   | 5.488G         | 60   | 5.521G         |
| 61                                               | 5.672G         | 62   | 5.618G         | 63   | 5.403G         | 64   | 5.610G         |
| 65                                               | 5.315G         | 66   | 5.556G         | 67   | 5.659G         | 68   | 5.420G         |
| 69                                               | 5.596G         | 70   | 5.270G         | 71   | 5.324G         | 72   | 5.546G         |
| 73                                               | 5.358G         | 74   | 5.675G         | 75   | 5.295G         | 76   | 5.568G         |
| 77                                               | 5.281G         | 78   | 5.630G         | 79   | 5.499G         | 80   | 5.263G         |
| 81                                               | 5.325G         | 82   | 5.541G         | 83   | 5.490G         | 84   | 5.371G         |
| 85                                               | 5.634G         | 86   | 5.464G         | 87   | 5.352G         | 88   | 5.326G         |
| 89                                               | 5.330G         | 90   | 5.606G         | 91   | 5.711G         | 92   | 5.381G         |
| 93                                               | 5.580G         | 94   | 5.280G         | 95   | 5.554G         | 96   | 5.362G         |
| 97                                               | 5.626G         | 98   | 5.510G         | 99   | 5.716G         | 100  | 5.441G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_17

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.293G         | 2    | 5.283G         | 3    | 5.433G         | 4    | 5.556G         |
| 5    | 5.494G         | 6    | 5.344G         | 7    | 5.320G         | 8    | 5.656G         |
| 9    | 5.405G         | 10   | 5.606G         | 11   | 5.323G         | 12   | 5.358G         |
| 13   | 5.274G         | 14   | 5.521G         | 15   | 5.434G         | 16   | 5.546G         |
| 17   | 5.644G         | 18   | 5.487G         | 19   | 5.313G         | 20   | 5.676G         |
| 21   | 5.609G         | 22   | 5.297G         | 23   | 5.565G         | 24   | 5.377G         |
| 25   | 5.288G         | 26   | 5.397G         | 27   | 5.470G         | 28   | 5.299G         |
| 29   | 5.645G         | 30   | 5.292G         | 31   | 5.667G         | 32   | 5.473G         |
| 33   | 5.615G         | 34   | 5.513G         | 35   | 5.558G         | 36   | 5.447G         |
| 37   | 5.549G         | 38   | 5.362G         | 39   | 5.365G         | 40   | 5.465G         |
| 41   | 5.483G         | 42   | 5.370G         | 43   | 5.361G         | 44   | 5.702G         |
| 45   | 5.369G         | 46   | 5.723G         | 47   | 5.328G         | 48   | 5.278G         |
| 49   | 5.311G         | 50   | 5.539G         | 51   | 5.419G         | 52   | 5.554G         |
| 53   | 5.262G         | 54   | 5.379G         | 55   | 5.713G         | 56   | 5.493G         |
| 57   | 5.294G         | 58   | 5.603G         | 59   | 5.304G         | 60   | 5.340G         |
| 61   | 5.614G         | 62   | 5.350G         | 63   | 5.551G         | 64   | 5.626G         |
| 65   | 5.295G         | 66   | 5.671G         | 67   | 5.336G         | 68   | 5.694G         |
| 69   | 5.621G         | 70   | 5.540G         | 71   | 5.648G         | 72   | 5.391G         |
| 73   | 5.373G         | 74   | 5.682G         | 75   | 5.463G         | 76   | 5.672G         |
| 77   | 5.559G         | 78   | 5.477G         | 79   | 5.518G         | 80   | 5.607G         |
| 81   | 5.647G         | 82   | 5.442G         | 83   | 5.720G         | 84   | 5.590G         |
| 85   | 5.403G         | 86   | 5.580G         | 87   | 5.591G         | 88   | 5.637G         |
| 89   | 5.506G         | 90   | 5.411G         | 91   | 5.587G         | 92   | 5.543G         |
| 93   | 5.601G         | 94   | 5.455G         | 95   | 5.697G         | 96   | 5.668G         |
| 97   | 5.695G         | 98   | 5.271G         | 99   | 5.430G         | 100  | 5.514G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_18

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.715G         | 2    | 5.594G         | 3    | 5.450G         | 4    | 5.473G         |
| 5    | 5.287G         | 6    | 5.338G         | 7    | 5.346G         | 8    | 5.288G         |
| 9    | 5.542G         | 10   | 5.306G         | 11   | 5.333G         | 12   | 5.472G         |
| 13   | 5.490G         | 14   | 5.551G         | 15   | 5.644G         | 16   | 5.651G         |
| 17   | 5.618G         | 18   | 5.434G         | 19   | 5.691G         | 20   | 5.666G         |
| 21   | 5.648G         | 22   | 5.558G         | 23   | 5.397G         | 24   | 5.316G         |
| 25   | 5.602G         | 26   | 5.545G         | 27   | 5.336G         | 28   | 5.701G         |
| 29   | 5.401G         | 30   | 5.582G         | 31   | 5.576G         | 32   | 5.429G         |
| 33   | 5.367G         | 34   | 5.527G         | 35   | 5.344G         | 36   | 5.286G         |
| 37   | 5.304G         | 38   | 5.660G         | 39   | 5.687G         | 40   | 5.631G         |
| 41   | 5.622G         | 42   | 5.677G         | 43   | 5.383G         | 44   | 5.296G         |
| 45   | 5.619G         | 46   | 5.503G         | 47   | 5.708G         | 48   | 5.482G         |
| 49   | 5.624G         | 50   | 5.599G         | 51   | 5.667G         | 52   | 5.298G         |
| 53   | 5.414G         | 54   | 5.349G         | 55   | 5.548G         | 56   | 5.615G         |
| 57   | 5.568G         | 58   | 5.424G         | 59   | 5.720G         | 60   | 5.271G         |
| 61   | 5.369G         | 62   | 5.559G         | 63   | 5.276G         | 64   | 5.356G         |
| 65   | 5.256G         | 66   | 5.681G         | 67   | 5.540G         | 68   | 5.263G         |
| 69   | 5.275G         | 70   | 5.629G         | 71   | 5.303G         | 72   | 5.433G         |
| 73   | 5.481G         | 74   | 5.523G         | 75   | 5.285G         | 76   | 5.407G         |
| 77   | 5.378G         | 78   | 5.512G         | 79   | 5.650G         | 80   | 5.278G         |
| 81   | 5.446G         | 82   | 5.546G         | 83   | 5.486G         | 84   | 5.564G         |
| 85   | 5.613G         | 86   | 5.390G         | 87   | 5.348G         | 88   | 5.468G         |
| 89   | 5.565G         | 90   | 5.518G         | 91   | 5.600G         | 92   | 5.311G         |
| 93   | 5.506G         | 94   | 5.484G         | 95   | 5.438G         | 96   | 5.381G         |
| 97   | 5.553G         | 98   | 5.364G         | 99   | 5.423G         | 100  | 5.343G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_19

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.666G         | 2    | 5.487G         | 3    | 5.470G         | 4    | 5.359G         |
| 5    | 5.338G         | 6    | 5.472G         | 7    | 5.390G         | 8    | 5.708G         |
| 9    | 5.589G         | 10   | 5.366G         | 11   | 5.485G         | 12   | 5.519G         |
| 13   | 5.337G         | 14   | 5.659G         | 15   | 5.501G         | 16   | 5.405G         |
| 17   | 5.295G         | 18   | 5.369G         | 19   | 5.284G         | 20   | 5.425G         |
| 21   | 5.661G         | 22   | 5.447G         | 23   | 5.483G         | 24   | 5.267G         |
| 25   | 5.285G         | 26   | 5.549G         | 27   | 5.306G         | 28   | 5.473G         |
| 29   | 5.637G         | 30   | 5.578G         | 31   | 5.513G         | 32   | 5.605G         |
| 33   | 5.623G         | 34   | 5.573G         | 35   | 5.536G         | 36   | 5.663G         |
| 37   | 5.511G         | 38   | 5.479G         | 39   | 5.611G         | 40   | 5.510G         |
| 41   | 5.403G         | 42   | 5.301G         | 43   | 5.711G         | 44   | 5.706G         |
| 45   | 5.259G         | 46   | 5.554G         | 47   | 5.494G         | 48   | 5.254G         |
| 49   | 5.250G         | 50   | 5.497G         | 51   | 5.291G         | 52   | 5.543G         |
| 53   | 5.495G         | 54   | 5.376G         | 55   | 5.481G         | 56   | 5.325G         |
| 57   | 5.506G         | 58   | 5.697G         | 59   | 5.340G         | 60   | 5.378G         |
| 61   | 5.579G         | 62   | 5.558G         | 63   | 5.664G         | 64   | 5.364G         |
| 65   | 5.290G         | 66   | 5.467G         | 67   | 5.446G         | 68   | 5.417G         |
| 69   | 5.684G         | 70   | 5.700G         | 71   | 5.408G         | 72   | 5.545G         |
| 73   | 5.316G         | 74   | 5.305G         | 75   | 5.616G         | 76   | 5.329G         |
| 77   | 5.255G         | 78   | 5.601G         | 79   | 5.455G         | 80   | 5.486G         |
| 81   | 5.478G         | 82   | 5.383G         | 83   | 5.450G         | 84   | 5.358G         |
| 85   | 5.678G         | 86   | 5.407G         | 87   | 5.514G         | 88   | 5.718G         |
| 89   | 5.331G         | 90   | 5.468G         | 91   | 5.698G         | 92   | 5.507G         |
| 93   | 5.312G         | 94   | 5.719G         | 95   | 5.372G         | 96   | 5.570G         |
| 97   | 5.271G         | 98   | 5.528G         | 99   | 5.582G         | 100  | 5.644G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_20

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.388G         | 2    | 5.645G         | 3    | 5.618G         | 4    | 5.275G         |
| 5    | 5.406G         | 6    | 5.363G         | 7    | 5.279G         | 8    | 5.639G         |
| 9    | 5.665G         | 10   | 5.617G         | 11   | 5.579G         | 12   | 5.691G         |
| 13   | 5.295G         | 14   | 5.602G         | 15   | 5.372G         | 16   | 5.484G         |
| 17   | 5.516G         | 18   | 5.345G         | 19   | 5.649G         | 20   | 5.597G         |
| 21   | 5.394G         | 22   | 5.404G         | 23   | 5.487G         | 24   | 5.483G         |
| 25   | 5.543G         | 26   | 5.722G         | 27   | 5.574G         | 28   | 5.353G         |
| 29   | 5.528G         | 30   | 5.522G         | 31   | 5.401G         | 32   | 5.467G         |
| 33   | 5.325G         | 34   | 5.585G         | 35   | 5.277G         | 36   | 5.264G         |
| 37   | 5.525G         | 38   | 5.586G         | 39   | 5.430G         | 40   | 5.350G         |
| 41   | 5.445G         | 42   | 5.635G         | 43   | 5.675G         | 44   | 5.285G         |
| 45   | 5.674G         | 46   | 5.307G         | 47   | 5.328G         | 48   | 5.338G         |
| 49   | 5.286G         | 50   | 5.540G         | 51   | 5.657G         | 52   | 5.313G         |
| 53   | 5.546G         | 54   | 5.370G         | 55   | 5.358G         | 56   | 5.611G         |
| 57   | 5.495G         | 58   | 5.410G         | 59   | 5.268G         | 60   | 5.640G         |
| 61   | 5.311G         | 62   | 5.513G         | 63   | 5.584G         | 64   | 5.562G         |
| 65   | 5.518G         | 66   | 5.572G         | 67   | 5.456G         | 68   | 5.680G         |
| 69   | 5.461G         | 70   | 5.348G         | 71   | 5.505G         | 72   | 5.340G         |
| 73   | 5.409G         | 74   | 5.699G         | 75   | 5.362G         | 76   | 5.714G         |
| 77   | 5.706G         | 78   | 5.684G         | 79   | 5.431G         | 80   | 5.463G         |
| 81   | 5.288G         | 82   | 5.418G         | 83   | 5.374G         | 84   | 5.270G         |
| 85   | 5.571G         | 86   | 5.414G         | 87   | 5.266G         | 88   | 5.322G         |
| 89   | 5.547G         | 90   | 5.272G         | 91   | 5.710G         | 92   | 5.327G         |
| 93   | 5.331G         | 94   | 5.282G         | 95   | 5.403G         | 96   | 5.560G         |
| 97   | 5.342G         | 98   | 5.321G         | 99   | 5.701G         | 100  | 5.504G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_21

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.637G         | 2    | 5.337G         | 3    | 5.452G         | 4    | 5.302G         |
| 5    | 5.278G         | 6    | 5.606G         | 7    | 5.696G         | 8    | 5.579G         |
| 9    | 5.363G         | 10   | 5.285G         | 11   | 5.275G         | 12   | 5.484G         |
| 13   | 5.427G         | 14   | 5.468G         | 15   | 5.309G         | 16   | 5.607G         |
| 17   | 5.494G         | 18   | 5.684G         | 19   | 5.272G         | 20   | 5.697G         |
| 21   | 5.447G         | 22   | 5.367G         | 23   | 5.338G         | 24   | 5.504G         |
| 25   | 5.465G         | 26   | 5.381G         | 27   | 5.368G         | 28   | 5.471G         |
| 29   | 5.310G         | 30   | 5.455G         | 31   | 5.553G         | 32   | 5.626G         |
| 33   | 5.457G         | 34   | 5.420G         | 35   | 5.362G         | 36   | 5.621G         |
| 37   | 5.700G         | 38   | 5.599G         | 39   | 5.653G         | 40   | 5.615G         |
| 41   | 5.402G         | 42   | 5.379G         | 43   | 5.490G         | 44   | 5.715G         |
| 45   | 5.695G         | 46   | 5.595G         | 47   | 5.421G         | 48   | 5.609G         |
| 49   | 5.664G         | 50   | 5.642G         | 51   | 5.628G         | 52   | 5.674G         |
| 53   | 5.507G         | 54   | 5.617G         | 55   | 5.656G         | 56   | 5.493G         |
| 57   | 5.266G         | 58   | 5.714G         | 59   | 5.319G         | 60   | 5.441G         |
| 61   | 5.478G         | 62   | 5.444G         | 63   | 5.474G         | 64   | 5.575G         |
| 65   | 5.294G         | 66   | 5.282G         | 67   | 5.328G         | 68   | 5.462G         |
| 69   | 5.289G         | 70   | 5.724G         | 71   | 5.454G         | 72   | 5.306G         |
| 73   | 5.380G         | 74   | 5.332G         | 75   | 5.677G         | 76   | 5.374G         |
| 77   | 5.712G         | 78   | 5.387G         | 79   | 5.472G         | 80   | 5.542G         |
| 81   | 5.533G         | 82   | 5.426G         | 83   | 5.254G         | 84   | 5.669G         |
| 85   | 5.271G         | 86   | 5.577G         | 87   | 5.502G         | 88   | 5.403G         |
| 89   | 5.543G         | 90   | 5.571G         | 91   | 5.513G         | 92   | 5.479G         |
| 93   | 5.601G         | 94   | 5.482G         | 95   | 5.428G         | 96   | 5.614G         |
| 97   | 5.336G         | 98   | 5.372G         | 99   | 5.600G         | 100  | 5.470G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_22 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.335G         | 2    | 5.570G         | 3    | 5.334G         | 4    | 5.433G         |
| 5                                                | 5.464G         | 6    | 5.451G         | 7    | 5.687G         | 8    | 5.586G         |
| 9                                                | 5.254G         | 10   | 5.634G         | 11   | 5.438G         | 12   | 5.722G         |
| 13                                               | 5.386G         | 14   | 5.607G         | 15   | 5.290G         | 16   | 5.262G         |
| 17                                               | 5.515G         | 18   | 5.441G         | 19   | 5.636G         | 20   | 5.270G         |
| 21                                               | 5.256G         | 22   | 5.279G         | 23   | 5.620G         | 24   | 5.447G         |
| 25                                               | 5.471G         | 26   | 5.417G         | 27   | 5.473G         | 28   | 5.708G         |
| 29                                               | 5.468G         | 30   | 5.362G         | 31   | 5.572G         | 32   | 5.563G         |
| 33                                               | 5.328G         | 34   | 5.601G         | 35   | 5.541G         | 36   | 5.629G         |
| 37                                               | 5.393G         | 38   | 5.667G         | 39   | 5.531G         | 40   | 5.313G         |
| 41                                               | 5.633G         | 42   | 5.403G         | 43   | 5.613G         | 44   | 5.553G         |
| 45                                               | 5.465G         | 46   | 5.716G         | 47   | 5.329G         | 48   | 5.356G         |
| 49                                               | 5.320G         | 50   | 5.391G         | 51   | 5.255G         | 52   | 5.276G         |
| 53                                               | 5.324G         | 54   | 5.271G         | 55   | 5.500G         | 56   | 5.646G         |
| 57                                               | 5.404G         | 58   | 5.265G         | 59   | 5.671G         | 60   | 5.616G         |
| 61                                               | 5.371G         | 62   | 5.606G         | 63   | 5.477G         | 64   | 5.467G         |
| 65                                               | 5.561G         | 66   | 5.359G         | 67   | 5.603G         | 68   | 5.407G         |
| 69                                               | 5.426G         | 70   | 5.715G         | 71   | 5.663G         | 72   | 5.680G         |
| 73                                               | 5.463G         | 74   | 5.274G         | 75   | 5.567G         | 76   | 5.721G         |
| 77                                               | 5.678G         | 78   | 5.657G         | 79   | 5.443G         | 80   | 5.338G         |
| 81                                               | 5.293G         | 82   | 5.325G         | 83   | 5.724G         | 84   | 5.402G         |
| 85                                               | 5.581G         | 86   | 5.478G         | 87   | 5.507G         | 88   | 5.669G         |
| 89                                               | 5.409G         | 90   | 5.495G         | 91   | 5.627G         | 92   | 5.519G         |
| 93                                               | 5.508G         | 94   | 5.322G         | 95   | 5.373G         | 96   | 5.382G         |
| 97                                               | 5.530G         | 98   | 5.589G         | 99   | 5.587G         | 100  | 5.580G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_23

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.295G         | 2    | 5.251G         | 3    | 5.536G         | 4    | 5.257G         |
| 5    | 5.694G         | 6    | 5.615G         | 7    | 5.373G         | 8    | 5.529G         |
| 9    | 5.255G         | 10   | 5.542G         | 11   | 5.604G         | 12   | 5.280G         |
| 13   | 5.288G         | 14   | 5.479G         | 15   | 5.706G         | 16   | 5.600G         |
| 17   | 5.420G         | 18   | 5.640G         | 19   | 5.256G         | 20   | 5.260G         |
| 21   | 5.605G         | 22   | 5.349G         | 23   | 5.466G         | 24   | 5.576G         |
| 25   | 5.310G         | 26   | 5.696G         | 27   | 5.658G         | 28   | 5.284G         |
| 29   | 5.286G         | 30   | 5.651G         | 31   | 5.324G         | 32   | 5.570G         |
| 33   | 5.627G         | 34   | 5.610G         | 35   | 5.541G         | 36   | 5.505G         |
| 37   | 5.527G         | 38   | 5.481G         | 39   | 5.270G         | 40   | 5.301G         |
| 41   | 5.667G         | 42   | 5.516G         | 43   | 5.409G         | 44   | 5.299G         |
| 45   | 5.348G         | 46   | 5.482G         | 47   | 5.617G         | 48   | 5.586G         |
| 49   | 5.442G         | 50   | 5.297G         | 51   | 5.470G         | 52   | 5.296G         |
| 53   | 5.417G         | 54   | 5.282G         | 55   | 5.671G         | 56   | 5.676G         |
| 57   | 5.506G         | 58   | 5.421G         | 59   | 5.438G         | 60   | 5.345G         |
| 61   | 5.402G         | 62   | 5.350G         | 63   | 5.483G         | 64   | 5.577G         |
| 65   | 5.573G         | 66   | 5.537G         | 67   | 5.635G         | 68   | 5.426G         |
| 69   | 5.278G         | 70   | 5.303G         | 71   | 5.276G         | 72   | 5.591G         |
| 73   | 5.686G         | 74   | 5.568G         | 75   | 5.559G         | 76   | 5.712G         |
| 77   | 5.621G         | 78   | 5.414G         | 79   | 5.669G         | 80   | 5.398G         |
| 81   | 5.630G         | 82   | 5.521G         | 83   | 5.662G         | 84   | 5.619G         |
| 85   | 5.262G         | 86   | 5.578G         | 87   | 5.335G         | 88   | 5.401G         |
| 89   | 5.645G         | 90   | 5.312G         | 91   | 5.546G         | 92   | 5.292G         |
| 93   | 5.654G         | 94   | 5.663G         | 95   | 5.557G         | 96   | 5.628G         |
| 97   | 5.504G         | 98   | 5.305G         | 99   | 5.632G         | 100  | 5.624G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_24

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.471G         | 2    | 5.508G         | 3    | 5.494G         | 4    | 5.442G         |
| 5    | 5.648G         | 6    | 5.621G         | 7    | 5.433G         | 8    | 5.405G         |
| 9    | 5.339G         | 10   | 5.302G         | 11   | 5.546G         | 12   | 5.502G         |
| 13   | 5.268G         | 14   | 5.607G         | 15   | 5.673G         | 16   | 5.406G         |
| 17   | 5.669G         | 18   | 5.307G         | 19   | 5.453G         | 20   | 5.670G         |
| 21   | 5.274G         | 22   | 5.570G         | 23   | 5.636G         | 24   | 5.484G         |
| 25   | 5.599G         | 26   | 5.458G         | 27   | 5.294G         | 28   | 5.595G         |
| 29   | 5.308G         | 30   | 5.606G         | 31   | 5.556G         | 32   | 5.402G         |
| 33   | 5.392G         | 34   | 5.626G         | 35   | 5.603G         | 36   | 5.416G         |
| 37   | 5.645G         | 38   | 5.709G         | 39   | 5.665G         | 40   | 5.407G         |
| 41   | 5.290G         | 42   | 5.298G         | 43   | 5.628G         | 44   | 5.314G         |
| 45   | 5.363G         | 46   | 5.366G         | 47   | 5.557G         | 48   | 5.321G         |
| 49   | 5.722G         | 50   | 5.525G         | 51   | 5.351G         | 52   | 5.390G         |
| 53   | 5.309G         | 54   | 5.614G         | 55   | 5.464G         | 56   | 5.281G         |
| 57   | 5.639G         | 58   | 5.293G         | 59   | 5.424G         | 60   | 5.413G         |
| 61   | 5.332G         | 62   | 5.478G         | 63   | 5.305G         | 64   | 5.398G         |
| 65   | 5.619G         | 66   | 5.507G         | 67   | 5.642G         | 68   | 5.299G         |
| 69   | 5.488G         | 70   | 5.480G         | 71   | 5.396G         | 72   | 5.682G         |
| 73   | 5.450G         | 74   | 5.592G         | 75   | 5.403G         | 76   | 5.374G         |
| 77   | 5.538G         | 78   | 5.287G         | 79   | 5.282G         | 80   | 5.537G         |
| 81   | 5.710G         | 82   | 5.641G         | 83   | 5.615G         | 84   | 5.358G         |
| 85   | 5.613G         | 86   | 5.438G         | 87   | 5.346G         | 88   | 5.386G         |
| 89   | 5.680G         | 90   | 5.255G         | 91   | 5.486G         | 92   | 5.379G         |
| 93   | 5.304G         | 94   | 5.320G         | 95   | 5.446G         | 96   | 5.720G         |
| 97   | 5.503G         | 98   | 5.690G         | 99   | 5.269G         | 100  | 5.306G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_25 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.545G         | 2    | 5.281G         | 3    | 5.677G         | 4    | 5.635G         |
| 5                                                | 5.287G         | 6    | 5.663G         | 7    | 5.632G         | 8    | 5.290G         |
| 9                                                | 5.395G         | 10   | 5.614G         | 11   | 5.260G         | 12   | 5.396G         |
| 13                                               | 5.646G         | 14   | 5.538G         | 15   | 5.390G         | 16   | 5.611G         |
| 17                                               | 5.402G         | 18   | 5.647G         | 19   | 5.561G         | 20   | 5.397G         |
| 21                                               | 5.373G         | 22   | 5.444G         | 23   | 5.315G         | 24   | 5.300G         |
| 25                                               | 5.501G         | 26   | 5.407G         | 27   | 5.670G         | 28   | 5.514G         |
| 29                                               | 5.448G         | 30   | 5.343G         | 31   | 5.294G         | 32   | 5.382G         |
| 33                                               | 5.580G         | 34   | 5.606G         | 35   | 5.261G         | 36   | 5.329G         |
| 37                                               | 5.334G         | 38   | 5.527G         | 39   | 5.480G         | 40   | 5.666G         |
| 41                                               | 5.276G         | 42   | 5.422G         | 43   | 5.301G         | 44   | 5.639G         |
| 45                                               | 5.661G         | 46   | 5.684G         | 47   | 5.616G         | 48   | 5.369G         |
| 49                                               | 5.385G         | 50   | 5.317G         | 51   | 5.590G         | 52   | 5.253G         |
| 53                                               | 5.689G         | 54   | 5.375G         | 55   | 5.714G         | 56   | 5.693G         |
| 57                                               | 5.496G         | 58   | 5.596G         | 59   | 5.583G         | 60   | 5.529G         |
| 61                                               | 5.340G         | 62   | 5.477G         | 63   | 5.723G         | 64   | 5.656G         |
| 65                                               | 5.252G         | 66   | 5.662G         | 67   | 5.629G         | 68   | 5.622G         |
| 69                                               | 5.335G         | 70   | 5.592G         | 71   | 5.360G         | 72   | 5.333G         |
| 73                                               | 5.391G         | 74   | 5.603G         | 75   | 5.374G         | 76   | 5.665G         |
| 77                                               | 5.420G         | 78   | 5.681G         | 79   | 5.674G         | 80   | 5.368G         |
| 81                                               | 5.324G         | 82   | 5.312G         | 83   | 5.468G         | 84   | 5.319G         |
| 85                                               | 5.559G         | 86   | 5.518G         | 87   | 5.367G         | 88   | 5.275G         |
| 89                                               | 5.709G         | 90   | 5.262G         | 91   | 5.692G         | 92   | 5.582G         |
| 93                                               | 5.584G         | 94   | 5.473G         | 95   | 5.282G         | 96   | 5.331G         |
| 97                                               | 5.298G         | 98   | 5.565G         | 99   | 5.470G         | 100  | 5.626G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_26 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.475G         | 2    | 5.337G         | 3    | 5.544G         | 4    | 5.723G         |
| 5                                                | 5.509G         | 6    | 5.506G         | 7    | 5.328G         | 8    | 5.327G         |
| 9                                                | 5.260G         | 10   | 5.716G         | 11   | 5.542G         | 12   | 5.256G         |
| 13                                               | 5.441G         | 14   | 5.349G         | 15   | 5.634G         | 16   | 5.680G         |
| 17                                               | 5.545G         | 18   | 5.661G         | 19   | 5.469G         | 20   | 5.704G         |
| 21                                               | 5.478G         | 22   | 5.446G         | 23   | 5.393G         | 24   | 5.521G         |
| 25                                               | 5.400G         | 26   | 5.306G         | 27   | 5.295G         | 28   | 5.280G         |
| 29                                               | 5.367G         | 30   | 5.557G         | 31   | 5.681G         | 32   | 5.471G         |
| 33                                               | 5.573G         | 34   | 5.637G         | 35   | 5.554G         | 36   | 5.444G         |
| 37                                               | 5.292G         | 38   | 5.552G         | 39   | 5.413G         | 40   | 5.588G         |
| 41                                               | 5.252G         | 42   | 5.447G         | 43   | 5.496G         | 44   | 5.582G         |
| 45                                               | 5.502G         | 46   | 5.373G         | 47   | 5.311G         | 48   | 5.415G         |
| 49                                               | 5.354G         | 50   | 5.412G         | 51   | 5.418G         | 52   | 5.685G         |
| 53                                               | 5.267G         | 54   | 5.483G         | 55   | 5.334G         | 56   | 5.626G         |
| 57                                               | 5.368G         | 58   | 5.600G         | 59   | 5.307G         | 60   | 5.498G         |
| 61                                               | 5.428G         | 62   | 5.341G         | 63   | 5.693G         | 64   | 5.569G         |
| 65                                               | 5.495G         | 66   | 5.647G         | 67   | 5.266G         | 68   | 5.481G         |
| 69                                               | 5.624G         | 70   | 5.477G         | 71   | 5.399G         | 72   | 5.422G         |
| 73                                               | 5.452G         | 74   | 5.689G         | 75   | 5.282G         | 76   | 5.296G         |
| 77                                               | 5.344G         | 78   | 5.333G         | 79   | 5.301G         | 80   | 5.595G         |
| 81                                               | 5.503G         | 82   | 5.501G         | 83   | 5.277G         | 84   | 5.358G         |
| 85                                               | 5.253G         | 86   | 5.419G         | 87   | 5.593G         | 88   | 5.456G         |
| 89                                               | 5.673G         | 90   | 5.629G         | 91   | 5.656G         | 92   | 5.671G         |
| 93                                               | 5.375G         | 94   | 5.650G         | 95   | 5.459G         | 96   | 5.678G         |
| 97                                               | 5.635G         | 98   | 5.615G         | 99   | 5.434G         | 100  | 5.575G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_27

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.289G         | 2    | 5.560G         | 3    | 5.603G         | 4    | 5.697G         |
| 5    | 5.449G         | 6    | 5.529G         | 7    | 5.462G         | 8    | 5.262G         |
| 9    | 5.570G         | 10   | 5.701G         | 11   | 5.340G         | 12   | 5.274G         |
| 13   | 5.651G         | 14   | 5.673G         | 15   | 5.536G         | 16   | 5.712G         |
| 17   | 5.411G         | 18   | 5.566G         | 19   | 5.686G         | 20   | 5.376G         |
| 21   | 5.717G         | 22   | 5.531G         | 23   | 5.692G         | 24   | 5.295G         |
| 25   | 5.611G         | 26   | 5.719G         | 27   | 5.661G         | 28   | 5.667G         |
| 29   | 5.311G         | 30   | 5.470G         | 31   | 5.287G         | 32   | 5.561G         |
| 33   | 5.316G         | 34   | 5.517G         | 35   | 5.286G         | 36   | 5.604G         |
| 37   | 5.556G         | 38   | 5.398G         | 39   | 5.446G         | 40   | 5.350G         |
| 41   | 5.282G         | 42   | 5.380G         | 43   | 5.549G         | 44   | 5.480G         |
| 45   | 5.522G         | 46   | 5.408G         | 47   | 5.623G         | 48   | 5.416G         |
| 49   | 5.263G         | 50   | 5.352G         | 51   | 5.621G         | 52   | 5.674G         |
| 53   | 5.714G         | 54   | 5.644G         | 55   | 5.665G         | 56   | 5.412G         |
| 57   | 5.305G         | 58   | 5.315G         | 59   | 5.710G         | 60   | 5.251G         |
| 61   | 5.471G         | 62   | 5.302G         | 63   | 5.357G         | 64   | 5.575G         |
| 65   | 5.432G         | 66   | 5.630G         | 67   | 5.456G         | 68   | 5.720G         |
| 69   | 5.707G         | 70   | 5.513G         | 71   | 5.303G         | 72   | 5.330G         |
| 73   | 5.482G         | 74   | 5.296G         | 75   | 5.595G         | 76   | 5.457G         |
| 77   | 5.297G         | 78   | 5.371G         | 79   | 5.632G         | 80   | 5.643G         |
| 81   | 5.540G         | 82   | 5.687G         | 83   | 5.310G         | 84   | 5.684G         |
| 85   | 5.721G         | 86   | 5.658G         | 87   | 5.465G         | 88   | 5.341G         |
| 89   | 5.553G         | 90   | 5.506G         | 91   | 5.563G         | 92   | 5.463G         |
| 93   | 5.691G         | 94   | 5.417G         | 95   | 5.481G         | 96   | 5.472G         |
| 97   | 5.581G         | 98   | 5.500G         | 99   | 5.304G         | 100  | 5.568G         |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_28 |                |      |                |      |                |      |                |
|--------------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|
| SEQ#                                             | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1                                                | 5.388G         | 2    | 5.252G         | 3    | 5.315G         | 4    | 5.290G         |
| 5                                                | 5.590G         | 6    | 5.638G         | 7    | 5.636G         | 8    | 5.550G         |
| 9                                                | 5.335G         | 10   | 5.642G         | 11   | 5.254G         | 12   | 5.566G         |
| 13                                               | 5.549G         | 14   | 5.640G         | 15   | 5.279G         | 16   | 5.499G         |
| 17                                               | 5.649G         | 18   | 5.267G         | 19   | 5.491G         | 20   | 5.587G         |
| 21                                               | 5.712G         | 22   | 5.309G         | 23   | 5.393G         | 24   | 5.260G         |
| 25                                               | 5.416G         | 26   | 5.271G         | 27   | 5.293G         | 28   | 5.366G         |
| 29                                               | 5.596G         | 30   | 5.446G         | 31   | 5.594G         | 32   | 5.624G         |
| 33                                               | 5.438G         | 34   | 5.343G         | 35   | 5.319G         | 36   | 5.313G         |
| 37                                               | 5.310G         | 38   | 5.341G         | 39   | 5.650G         | 40   | 5.263G         |
| 41                                               | 5.560G         | 42   | 5.403G         | 43   | 5.580G         | 44   | 5.508G         |
| 45                                               | 5.265G         | 46   | 5.272G         | 47   | 5.684G         | 48   | 5.479G         |
| 49                                               | 5.456G         | 50   | 5.701G         | 51   | 5.277G         | 52   | 5.620G         |
| 53                                               | 5.588G         | 54   | 5.289G         | 55   | 5.258G         | 56   | 5.611G         |
| 57                                               | 5.327G         | 58   | 5.300G         | 59   | 5.405G         | 60   | 5.564G         |
| 61                                               | 5.628G         | 62   | 5.409G         | 63   | 5.670G         | 64   | 5.255G         |
| 65                                               | 5.529G         | 66   | 5.497G         | 67   | 5.326G         | 68   | 5.496G         |
| 69                                               | 5.711G         | 70   | 5.717G         | 71   | 5.357G         | 72   | 5.724G         |
| 73                                               | 5.526G         | 74   | 5.618G         | 75   | 5.274G         | 76   | 5.441G         |
| 77                                               | 5.678G         | 78   | 5.544G         | 79   | 5.614G         | 80   | 5.418G         |
| 81                                               | 5.386G         | 82   | 5.721G         | 83   | 5.668G         | 84   | 5.379G         |
| 85                                               | 5.463G         | 86   | 5.396G         | 87   | 5.664G         | 88   | 5.353G         |
| 89                                               | 5.703G         | 90   | 5.298G         | 91   | 5.644G         | 92   | 5.307G         |
| 93                                               | 5.509G         | 94   | 5.553G         | 95   | 5.681G         | 96   | 5.589G         |
| 97                                               | 5.513G         | 98   | 5.547G         | 99   | 5.527G         | 100  | 5.295G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_29

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.351G         | 2    | 5.612G         | 3    | 5.484G         | 4    | 5.268G         |
| 5    | 5.493G         | 6    | 5.636G         | 7    | 5.631G         | 8    | 5.693G         |
| 9    | 5.284G         | 10   | 5.413G         | 11   | 5.451G         | 12   | 5.706G         |
| 13   | 5.580G         | 14   | 5.382G         | 15   | 5.683G         | 16   | 5.344G         |
| 17   | 5.712G         | 18   | 5.288G         | 19   | 5.355G         | 20   | 5.361G         |
| 21   | 5.460G         | 22   | 5.305G         | 23   | 5.584G         | 24   | 5.594G         |
| 25   | 5.336G         | 26   | 5.358G         | 27   | 5.633G         | 28   | 5.335G         |
| 29   | 5.696G         | 30   | 5.386G         | 31   | 5.267G         | 32   | 5.517G         |
| 33   | 5.289G         | 34   | 5.489G         | 35   | 5.313G         | 36   | 5.568G         |
| 37   | 5.271G         | 38   | 5.514G         | 39   | 5.605G         | 40   | 5.511G         |
| 41   | 5.473G         | 42   | 5.270G         | 43   | 5.446G         | 44   | 5.626G         |
| 45   | 5.596G         | 46   | 5.378G         | 47   | 5.718G         | 48   | 5.582G         |
| 49   | 5.505G         | 50   | 5.297G         | 51   | 5.573G         | 52   | 5.672G         |
| 53   | 5.603G         | 54   | 5.639G         | 55   | 5.640G         | 56   | 5.346G         |
| 57   | 5.688G         | 58   | 5.678G         | 59   | 5.258G         | 60   | 5.657G         |
| 61   | 5.668G         | 62   | 5.512G         | 63   | 5.450G         | 64   | 5.254G         |
| 65   | 5.327G         | 66   | 5.308G         | 67   | 5.320G         | 68   | 5.434G         |
| 69   | 5.454G         | 70   | 5.495G         | 71   | 5.326G         | 72   | 5.457G         |
| 73   | 5.458G         | 74   | 5.577G         | 75   | 5.667G         | 76   | 5.622G         |
| 77   | 5.647G         | 78   | 5.274G         | 79   | 5.364G         | 80   | 5.628G         |
| 81   | 5.585G         | 82   | 5.620G         | 83   | 5.250G         | 84   | 5.609G         |
| 85   | 5.474G         | 86   | 5.420G         | 87   | 5.390G         | 88   | 5.638G         |
| 89   | 5.311G         | 90   | 5.463G         | 91   | 5.713G         | 92   | 5.412G         |
| 93   | 5.499G         | 94   | 5.306G         | 95   | 5.348G         | 96   | 5.279G         |
| 97   | 5.572G         | 98   | 5.559G         | 99   | 5.275G         | 100  | 5.680G         |

## Hopping Frequency Sequence Name: HOP\_FREQ\_SEQ\_30

| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
|------|----------------|------|----------------|------|----------------|------|----------------|
| 1    | 5.673G         | 2    | 5.315G         | 3    | 5.496G         | 4    | 5.668G         |
| 5    | 5.371G         | 6    | 5.565G         | 7    | 5.279G         | 8    | 5.577G         |
| 9    | 5.487G         | 10   | 5.664G         | 11   | 5.641G         | 12   | 5.649G         |
| 13   | 5.386G         | 14   | 5.545G         | 15   | 5.687G         | 16   | 5.393G         |
| 17   | 5.455G         | 18   | 5.467G         | 19   | 5.480G         | 20   | 5.642G         |
| 21   | 5.362G         | 22   | 5.602G         | 23   | 5.704G         | 24   | 5.499G         |
| 25   | 5.260G         | 26   | 5.591G         | 27   | 5.357G         | 28   | 5.605G         |
| 29   | 5.459G         | 30   | 5.403G         | 31   | 5.328G         | 32   | 5.586G         |
| 33   | 5.651G         | 34   | 5.520G         | 35   | 5.684G         | 36   | 5.384G         |
| 37   | 5.677G         | 38   | 5.601G         | 39   | 5.259G         | 40   | 5.251G         |
| 41   | 5.502G         | 42   | 5.432G         | 43   | 5.346G         | 44   | 5.648G         |
| 45   | 5.353G         | 46   | 5.612G         | 47   | 5.283G         | 48   | 5.718G         |
| 49   | 5.321G         | 50   | 5.349G         | 51   | 5.369G         | 52   | 5.627G         |
| 53   | 5.524G         | 54   | 5.708G         | 55   | 5.381G         | 56   | 5.274G         |
| 57   | 5.544G         | 58   | 5.409G         | 59   | 5.611G         | 60   | 5.380G         |
| 61   | 5.580G         | 62   | 5.498G         | 63   | 5.468G         | 64   | 5.257G         |
| 65   | 5.584G         | 66   | 5.266G         | 67   | 5.509G         | 68   | 5.629G         |
| 69   | 5.305G         | 70   | 5.324G         | 71   | 5.395G         | 72   | 5.676G         |
| 73   | 5.533G         | 74   | 5.688G         | 75   | 5.449G         | 76   | 5.388G         |
| 77   | 5.703G         | 78   | 5.603G         | 79   | 5.262G         | 80   | 5.686G         |
| 81   | 5.394G         | 82   | 5.661G         | 83   | 5.450G         | 84   | 5.342G         |
| 85   | 5.355G         | 86   | 5.483G         | 87   | 5.540G         | 88   | 5.538G         |
| 89   | 5.401G         | 90   | 5.276G         | 91   | 5.526G         | 92   | 5.400G         |
| 93   | 5.457G         | 94   | 5.654G         | 95   | 5.559G         | 96   | 5.377G         |
| 97   | 5.513G         | 98   | 5.678G         | 99   | 5.549G         | 100  | 5.301G         |

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