

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_08

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

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_09

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

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_10

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

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_11

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

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_12

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

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_13

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

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_14

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

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_15

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

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_16

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

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_17

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

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_18

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

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_19

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

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_20

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

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_21

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

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_22

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

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_23

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

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_24

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

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_25

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

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_26

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

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_27

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

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_28

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

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_29

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

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_30

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

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