**Type 5 Radar Waveform_20**

| Burst | Number of Pulses | Pulse Width (μ sec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
|---|---|---|---|---|---|---|
| 1 | 2 | 80.6 | 13 | 1029 | | 760.536 |
| 2 | 2 | 68.3 | 13 | 1864 | | 1011.751 |
| 3 | 2 | 56.3 | 13 | 1022 | | 10.432 |
| 4 | 2 | 61.2 | 13 | 1204 | | 60.063 |
| 5 | 2 | 94.7 | 13 | 1552 | | 60.354 |
| 6 | 3 | 82.1 | 13 | 1553 | 1083 | 661.235 |
| 7 | 1 | 87.9 | 13 | | | 673.145 |
| 8 | 2 | 63.3 | 13 | 1618 | | 669.336 |
| 9 | 3 | 72.4 | 13 | 1838 | 1637 | 669.377 |
| 10 | 1 | 81.1 | 13 | | | 176.398 |
| 11 | 1 | 69.6 | 13 | | | 688.609 |

**Type 5 Radar Waveform_21**

| Burst | Number of Pulses | Pulse Width (μ sec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
|---|---|---|---|---|---|---|
| 1 | 2 | 50.4 | 17 | 1708 | | 100.875 |
| 2 | 2 | 80 | 17 | 1726 | | 119.59 |
| 3 | 3 | 81.9 | 17 | 1780 | 1998 | 456.46 |
| 4 | 1 | 56.5 | 17 | | | 168.59 |
| 5 | 2 | 86.8 | 17 | 1675 | | 7.35 |
| 6 | 1 | 63 | 17 | | | 593.35 |
| 7 | 2 | 74.9 | 17 | 1614 | | 664.09 |
| 8 | 2 | 73 | 17 | 1119 | | 383.95 |
| 9 | 1 | 68.7 | 17 | | | 196.43 |
| 10 | 3 | 67.5 | 17 | 1158 | 1355 | 313.6 |

**Type 5 Radar Waveform_22**

| Burst | Number of Pulses | Pulse Width (μ sec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
|---|---|---|---|---|---|---|
| 1 | 2 | 62.2 | 16 | 1912 | | 0.842 |
| 2 | 2 | 78.2 | 16 | 1334 | | 525.27 |
| 3 | 2 | 92.9 | 16 | 1809 | | 517.68 |
| 4 | 1 | 51.6 | 16 | | | 370.77 |
| 5 | 2 | 81.1 | 16 | 1803 | | 501.8 |
| 6 | 1 | 53.3 | 16 | | | 312.3 |
| 7 | 3 | 88.6 | 16 | 1570 | 1826 | 606.55 |
| 8 | 1 | 77.1 | 16 | | | 648.89 |
| 9 | 2 | 51.9 | 16 | 1101 | | 345.5 |
| 10 | 1 | 60.8 | 16 | | | 268.46 |
| 11 | 1 | 63.6 | 16 | | | 103.63 |
| 12 | 3 | 96.9 | 16 | 1609 | 1548 | 506.79 |
| 13 | 2 | 85.4 | 16 | 1080 | | 189.81 |
| 14 | 2 | 81.5 | 16 | 1085 | | 208.91 |
| 15 | 2 | 90.8 | 16 | 1965 | | 231 |
| 16 | 3 | 81.7 | 16 | 1593 | 1069 | 388.5 |

**Type 5 Radar Waveform_23**

| Burst | Number of Pulses | Pulse Width (μ sec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
|---|---|---|---|---|---|---|
| 1 | 2 | 57 | 16 | 1748 | | 397.589 |
| 2 | 2 | 53.7 | 16 | 1036 | | 662.38 |
| 3 | 1 | 92.1 | 16 | | | 434.03 |
| 4 | 2 | 76.2 | 16 | 1210 | | 72.48 |
| 5 | 2 | 86 | 16 | 1933 | | 7.79 |
| 6 | 3 | 63 | 16 | 1960 | 1989 | 213.31 |
| 7 | 2 | 73.5 | 16 | 1953 | | 515.51 |
| 8 | 2 | 80.8 | 16 | 1686 | | 148.16 |
| 9 | 1 | 88.6 | 16 | | | 42.21 |
| 10 | 2 | 100 | 16 | 1372 | | 181.46 |
| 11 | 2 | 74.7 | 16 | 1025 | | 318.98 |
| 12 | 2 | 68.2 | 16 | 1349 | | 183.56 |
| 13 | 3 | 51.6 | 16 | 1961 | 1072 | 177.66 |
| 14 | 1 | 61.5 | 16 | | | 611 |
| 15 | 3 | 58.7 | 16 | 1948 | 1297 | 244.4 |
| 16 | 2 | 86.2 | 16 | 1941 | | 471.4 |

**Type 5 Radar Waveform_24**

| Burst | Number of Pulses | Pulse Width (μ sec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
|---|---|---|---|---|---|---|
| 1 | 2 | 80.7 | 7 | 1932 | | 374.051 |
| 2 | 2 | 78.5 | 7 | 1323 | | 362.778 |
| 3 | 1 | 66.1 | 7 | | | 247.765 |
| 4 | 1 | 96.3 | 7 | | | 441.243 |
| 5 | 1 | 59.2 | 7 | | | 362.051 |
| 6 | 3 | 89.4 | 7 | 1605 | 1583 | 435.678 |
| 7 | 2 | 79.8 | 7 | 1910 | | 218.576 |
| 8 | 2 | 58.3 | 7 | 1448 | | 479.484 |
| 9 | 3 | 69.8 | 7 | 1666 | 1535 | 589.011 |
| 10 | 2 | 64.2 | 7 | 1138 | | 172.599 |
| 11 | 2 | 54.5 | 7 | 1198 | | 165.796 |
| 12 | 1 | 75.8 | 7 | | | 676.304 |
| 13 | 3 | 69.2 | 7 | 1563 | 1550 | 637.062 |
| 14 | 3 | 60.5 | 7 | 1931 | 1515 | 60.809 |
| 15 | 2 | 65.9 | 7 | 1721 | | 304.347 |
| 16 | 3 | 76.1 | 7 | 1134 | 1986 | 312.965 |
| 17 | 2 | 64.7 | 7 | 1543 | | 622.482 |

**Type 5 Radar Waveform_25**

| Burst | Number of Pulses | Pulse Width (μ sec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
|---|---|---|---|---|---|---|
| 1 | 2 | 63.2 | 16 | 1480 | | 38.923 |
| 2 | 2 | 99.3 | 16 | 1676 | | 166.867 |
| 3 | 1 | 91.8 | 16 | | | 782.654 |
| 4 | 2 | 93.1 | 16 | 1366 | | 710.481 |
| 5 | 2 | 67.3 | 16 | 1208 | | 391.299 |
| 6 | 2 | 69.6 | 16 | 1201 | | 565.576 |
| 7 | 2 | 61.1 | 16 | 1343 | | 478.113 |
| 8 | 1 | 80.2 | 16 | | | 71.67 |
| 9 | 2 | 63.2 | 16 | 1626 | | 141.997 |
| 10 | 3 | 56 | 16 | 1899 | 1537 | 432.814 |
| 11 | 2 | 90.1 | 16 | 1115 | | 343.281 |
| 12 | 3 | 94.5 | 16 | 1255 | 1113 | 319.529 |
| 13 | 2 | 51.8 | 16 | 1865 | | 55.386 |
| 14 | 2 | 51.6 | 16 | 1691 | | 523.543 |

**Type 5 Radar Waveform_26**

| Burst | Number of Pulses | Pulse Width (μ sec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
|---|---|---|---|---|---|---|
| 1 | 3 | 66.4 | 13 | 1818 | 1581 | 508.906 |
| 2 | 1 | 77.2 | 13 | | | 392.303 |
| 3 | 2 | 57.3 | 13 | 1321 | | 47.356 |
| 4 | 2 | 80.4 | 13 | 1117 | | 496.019 |
| 5 | 2 | 65 | 13 | 1298 | | 827.372 |
| 6 | 2 | 77.4 | 13 | 1555 | | 764.415 |
| 7 | 3 | 72.1 | 13 | 1965 | 1558 | 192.678 |
| 8 | 2 | 94.2 | 13 | 1797 | | 113.552 |
| 9 | 2 | 69.3 | 13 | 1319 | | 775.085 |
| 10 | 3 | 77.9 | 13 | 1626 | 1300 | 885.028 |
| 11 | 2 | 62.3 | 13 | 1227 | | 832.931 |
| 12 | 3 | 74.9 | 13 | 1555 | 1924 | 396.754 |
| 13 | 1 | 85.1 | 13 | | | 450.277 |

**Type 5 Radar Waveform_27**

| Burst | Number of Pulses | Pulse Width (μ sec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
|---|---|---|---|---|---|---|
| 1 | 2 | 95.9 | 15 | 1827 | | 394.839 |
| 2 | 2 | 52.8 | 15 | 1980 | | 758.16 |
| 3 | 3 | 89.9 | 15 | 1574 | 1725 | 218.12 |
| 4 | 2 | 63 | 15 | 1485 | | 1079.7 |
| 5 | 2 | 76.8 | 15 | 1093 | | 1095.64 |
| 6 | 1 | 89.5 | 15 | | | 641.82 |
| 7 | 2 | 65.3 | 15 | 1821 | | 655.41 |
| 8 | 1 | 55.5 | 15 | | | 1164.33 |
| 9 | 2 | 91.5 | 15 | 1814 | | 766.7 |
| 10 | 3 | 54.2 | 15 | 1206 | 1343 | 983.9 |

**Type 5 Radar Waveform_28**

| Burst | Number of Pulses | Pulse Width (μ sec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
|---|---|---|---|---|---|---|
| 1 | 2 | 75.3 | 15 | 1879 | | 1.849 |
| 2 | 3 | 51.7 | 15 | 1714 | 1579 | 831.057 |
| 3 | 1 | 85.9 | 15 | | | 517.144 |
| 4 | 2 | 97.8 | 15 | 1032 | | 495.301 |
| 5 | 2 | 55.3 | 15 | 1695 | | 509.529 |
| 6 | 2 | 59.3 | 15 | 1914 | | 1.486 |
| 7 | 2 | 52.2 | 15 | 1411 | | 463.813 |
| 8 | 2 | 60.3 | 15 | 1289 | | 208.06 |
| 9 | 2 | 67.8 | 15 | 1347 | | 35.507 |
| 10 | 3 | 61.9 | 15 | 1518 | 1673 | 278.664 |
| 11 | 1 | 79.3 | 15 | | | 313.861 |
| 12 | 2 | 95.1 | 15 | 1693 | | 182.399 |
| 13 | 2 | 67 | 15 | 1165 | | 109.786 |
| 14 | 3 | 97.1 | 15 | 1772 | 1714 | 212.443 |

**Type 5 Radar Waveform_29**

| Burst | Number of Pulses | Pulse Width (μ sec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
|---|---|---|---|---|---|---|
| 1 | 2 | 77.8 | 13 | 1494 | | 296.576 |
| 2 | 3 | 77.6 | 13 | 1228 | 1443 | 620.073 |
| 3 | 2 | 86.2 | 13 | 1110 | | 555.117 |
| 4 | 3 | 99.4 | 13 | 1623 | 1801 | 500.78 |
| 5 | 2 | 71.8 | 13 | 1811 | | 430.423 |
| 6 | 2 | 89.5 | 13 | 1273 | | 492.967 |
| 7 | 2 | 94.4 | 13 | 1606 | | 485.93 |
| 8 | 3 | 50 | 13 | 1750 | 1126 | 460.163 |
| 9 | 2 | 80.3 | 13 | 1134 | | 329.677 |
| 10 | 3 | 71.6 | 13 | 1946 | 1348 | 135.13 |
| 11 | 3 | 54.3 | 13 | 1467 | 1182 | 176.053 |
| 12 | 2 | 93.1 | 13 | 1132 | | 272.327 |
| 13 | 2 | 86.7 | 13 | 1917 | | 100.64 |
| 14 | 1 | 60.7 | 13 | | | 619.903 |
| 15 | 2 | 63.5 | 13 | 1403 | | 185.117 |
| 16 | 3 | 80.6 | 13 | 1217 | 1198 | 406.9 |
| 17 | 1 | 78.6 | 13 | | | 446.833 |
| 18 | 2 | 68.7 | 13 | 1539 | | 200.267 |

**Type 5 Radar Waveform_30**

| Burst | Number of Pulses | Pulse Width (μ sec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
|---|---|---|---|---|---|---|
| 1 | 3 | 73.1 | 8 | 1990 | 1893 | 581.676 |
| 2 | 3 | 88.4 | 8 | 1550 | 1636 | 523.68 |
| 3 | 1 | 79 | 8 | | | 120.76 |
| 4 | 1 | 51.9 | 8 | | | 352.05 |
| 5 | 2 | 85.6 | 8 | 1963 | | 486.72 |
| 6 | 2 | 74.7 | 8 | 1224 | | 367.15 |
| 7 | 2 | 83.7 | 8 | 1010 | | 232.27 |
| 8 | 2 | 63.1 | 8 | 1229 | | 514.96 |
| 9 | 3 | 96.6 | 8 | 1737 | 1590 | 147.58 |
| 10 | 3 | 76.3 | 8 | 1331 | 1739 | 311.69 |
| 11 | 2 | 74.3 | 8 | 1919 | | 110.88 |
| 12 | 1 | 74.6 | 8 | | | 353.18 |
| 13 | 2 | 61.6 | 8 | 1535 | | 3.71 |
| 14 | 2 | 89.1 | 8 | 1023 | | 112.32 |
| 15 | 1 | 80.9 | 8 | | | 96.63 |
| 16 | 1 | 95.9 | 8 | | | 190.73 |
| 17 | 2 | 81.3 | 8 | 1384 | | 492.3 |
| 18 | 1 | 80.4 | 8 | | | 114.9 |
| 19 | 2 | 58.7 | 8 | 1563 | | 48.6 |
| 20 | 2 | 86 | 8 | 1854 | | 536.3 |

Radar Type 6 - Radar Statistical Performance

| Trail # | Test Freq. (MHz) | 1=Detection 0=No Detection | Trail # | Test Freq. (MHz) | 1=Detection 0=No Detection |
|---|---|---|---|---|---|
| 1 | 5492.0 | 1 | 16 | 5570.0 | 1 |
| 2 | 5497.2 | 1 | 17 | 5575.6 | 1 |
| 3 | 5502.4 | 1 | 18 | 5581.1 | 1 |
| 4 | 5507.6 | 1 | 19 | 5586.7 | 1 |
| 5 | 5512.8 | 1 | 20 | 5592.3 | 1 |
| 6 | 5518.0 | 1 | 21 | 5597.9 | 1 |
| 7 | 5523.2 | 1 | 22 | 5603.4 | 1 |
| 8 | 5528.4 | 1 | 23 | 5609.0 | 1 |
| 9 | 5533.6 | 1 | 24 | 5614.6 | 1 |
| 10 | 5538.8 | 1 | 25 | 5620.1 | 1 |
| 11 | 5544.0 | 1 | 26 | 5625.7 | 1 |
| 12 | 5549.2 | 1 | 27 | 5631.3 | 1 |
| 13 | 5554.4 | 1 | 28 | 5636.8 | 1 |
| 14 | 5559.6 | 1 | 29 | 5642.4 | 1 |
| 15 | 5564.8 | 1 | 30 | 5648.0 | 1 |
| Detection Percentage (%) | | | | | 100% |

| Radar waveform #1 | | | Radar waveform #2 | | |
|---|---|---|---|---|---|
| Hopping Number | Frequency (MHz) | Pulse Start (ms) | Hopping Number | Frequency (MHz) | Pulse Start (ms) |
| 2 | 5650 | 6 | 2 | 5628 | 6 |
| 4 | 5636 | 12 | 3 | 5650 | 9 |
| 7 | 5537 | 21 | 11 | 5546 | 33 |
| 8 | 5511 | 24 | 14 | 5571 | 42 |
| 9 | 5542 | 27 | 17 | 5529 | 51 |
| 15 | 5592 | 45 | 20 | 5593 | 60 |
| 16 | 5586 | 48 | 25 | 5647 | 75 |
| 20 | 5539 | 60 | 27 | 5588 | 81 |
| 22 | 5607 | 66 | 30 | 5629 | 90 |
| 24 | 5517 | 72 | 35 | 5564 | 105 |
| 25 | 5502 | 75 | 36 | 5566 | 108 |
| 28 | 5555 | 84 | 40 | 5532 | 120 |
| 33 | 5562 | 99 | 43 | 5617 | 129 |
| 38 | 5646 | 114 | 47 | 5507 | 141 |
| 41 | 5532 | 123 | 53 | 5615 | 159 |
| 42 | 5515 | 126 | 56 | 5584 | 168 |
| 43 | 5630 | 129 | 59 | 5579 | 177 |
| 47 | 5491 | 141 | 62 | 5627 | 186 |
| 52 | 5512 | 156 | 63 | 5561 | 189 |
| 58 | 5619 | 174 | 64 | 5581 | 192 |
| 65 | 5620 | 195 | 66 | 5567 | 198 |
| 66 | 5606 | 198 | 69 | 5594 | 207 |
| 71 | 5533 | 213 | 70 | 5633 | 210 |
| 80 | 5518 | 240 | 72 | 5599 | 216 |
| 81 | 5492 | 243 | 74 | 5646 | 222 |
| 89 | 5567 | 267 | 75 | 5634 | 225 |
| 93 | 5610 | 279 | 76 | 5499 | 228 |
| 97 | 5508 | 291 | 79 | 5501 | 237 |
| 98 | 5506 | 294 | 83 | 5511 | 249 |
| 100 | 5625 | 300 | 84 | 5526 | 252 |
| -- | -- | -- | 85 | 5492 | 255 |
| -- | -- | -- | 86 | 5509 | 258 |
| -- | -- | -- | 89 | 5640 | 267 |
| -- | -- | -- | 91 | 5641 | 273 |

| | | | | | |
|---|---|---|---|---|---|
| -- | -- | -- | 93 | 5534 | 279 |
| -- | -- | -- | 94 | 5570 | 282 |
| -- | -- | -- | 98 | 5635 | 294 |
| -- | -- | -- | 99 | 5498 | 297 |

| Radar waveform #3 | | | Radar waveform #4 | | |
|---|---|---|---|---|---|
| Hopping Number | Frequency (MHz) | Pulse Start (ms) | Hopping Number | Frequency (MHz) | Pulse Start (ms) |
| 4 | 5540 | 12 | 2 | 5549 | 6 |
| 16 | 5620 | 48 | 4 | 5512 | 12 |
| 23 | 5496 | 69 | 7 | 5495 | 21 |
| 24 | 5497 | 72 | 8 | 5503 | 24 |
| 30 | 5634 | 90 | 9 | 5586 | 27 |
| 32 | 5572 | 96 | 10 | 5562 | 30 |
| 34 | 5648 | 102 | 18 | 5518 | 54 |
| 37 | 5606 | 111 | 20 | 5635 | 60 |
| 45 | 5650 | 135 | 21 | 5540 | 63 |
| 48 | 5631 | 144 | 28 | 5629 | 84 |
| 51 | 5591 | 153 | 29 | 5519 | 87 |
| 52 | 5568 | 156 | 31 | 5644 | 93 |
| 53 | 5498 | 159 | 35 | 5622 | 105 |
| 54 | 5573 | 162 | 36 | 5552 | 108 |
| 60 | 5527 | 180 | 40 | 5589 | 120 |
| 62 | 5507 | 186 | 41 | 5577 | 123 |
| 70 | 5536 | 210 | 42 | 5647 | 126 |
| 71 | 5627 | 213 | 47 | 5581 | 141 |
| 75 | 5557 | 225 | 48 | 5591 | 144 |
| 76 | 5504 | 228 | 49 | 5544 | 147 |
| 77 | 5567 | 231 | 50 | 5634 | 150 |
| 81 | 5635 | 243 | 51 | 5545 | 153 |
| 86 | 5614 | 258 | 53 | 5606 | 159 |
| 90 | 5649 | 270 | 54 | 5554 | 162 |
| 91 | 5582 | 273 | 55 | 5641 | 165 |
| 93 | 5630 | 279 | 60 | 5583 | 180 |
| 94 | 5561 | 282 | 63 | 5558 | 189 |
| 98 | 5610 | 294 | 67 | 5592 | 201 |
| 99 | 5615 | 297 | 71 | 5585 | 213 |
| -- | -- | -- | 72 | 5632 | 216 |
| -- | -- | -- | 74 | 5533 | 222 |
| -- | -- | -- | 75 | 5492 | 225 |
| -- | -- | -- | 78 | 5631 | 234 |
| -- | -- | -- | 79 | 5584 | 237 |

| | | | | | |
|---|---|---|---|---|---|
| -- | -- | -- | 80 | 5557 | 240 |
| -- | -- | -- | 83 | 5526 | 249 |
| -- | -- | -- | 84 | 5522 | 252 |
| -- | -- | -- | 85 | 5598 | 255 |
| -- | -- | -- | 86 | 5499 | 258 |
| -- | -- | -- | 89 | 5594 | 267 |
| -- | -- | -- | 91 | 5538 | 273 |
| -- | -- | -- | 94 | 5600 | 282 |
| -- | -- | -- | 99 | 5551 | 297 |
| -- | -- | -- | 100 | 5510 | 300 |

| Radar waveform #5 | | | Radar waveform #6 | | |
|---|---|---|---|---|---|
| Hopping Number | Frequency (MHz) | Pulse Start (ms) | Hopping Number | Frequency (MHz) | Pulse Start (ms) |
| 1 | 5501 | 3 | 2 | 5597 | 6 |
| 3 | 5574 | 9 | 4 | 5533 | 12 |
| 8 | 5638 | 24 | 6 | 5588 | 18 |
| 10 | 5496 | 30 | 8 | 5523 | 24 |
| 11 | 5637 | 33 | 9 | 5627 | 27 |
| 12 | 5636 | 36 | 12 | 5578 | 36 |
| 16 | 5491 | 48 | 15 | 5561 | 45 |
| 17 | 5622 | 51 | 17 | 5635 | 51 |
| 19 | 5502 | 57 | 19 | 5609 | 57 |
| 23 | 5495 | 69 | 26 | 5567 | 78 |
| 26 | 5521 | 78 | 27 | 5490 | 81 |
| 31 | 5621 | 93 | 28 | 5599 | 84 |
| 34 | 5643 | 102 | 29 | 5524 | 87 |
| 39 | 5564 | 117 | 32 | 5606 | 96 |
| 41 | 5578 | 123 | 39 | 5496 | 117 |
| 43 | 5512 | 129 | 42 | 5559 | 126 |
| 44 | 5518 | 132 | 44 | 5638 | 132 |
| 48 | 5618 | 144 | 59 | 5497 | 177 |
| 51 | 5508 | 153 | 61 | 5563 | 183 |
| 54 | 5648 | 162 | 62 | 5498 | 186 |
| 59 | 5572 | 177 | 63 | 5598 | 189 |
| 60 | 5529 | 180 | 65 | 5644 | 195 |
| 69 | 5497 | 207 | 66 | 5594 | 198 |
| 71 | 5577 | 213 | 72 | 5641 | 216 |
| 74 | 5493 | 222 | 75 | 5608 | 225 |
| 75 | 5604 | 225 | 77 | 5529 | 231 |
| 76 | 5603 | 228 | 78 | 5542 | 234 |
| 80 | 5533 | 240 | 79 | 5494 | 237 |
| 82 | 5576 | 246 | 80 | 5636 | 240 |
| 84 | 5517 | 252 | 83 | 5611 | 249 |
| 88 | 5503 | 264 | 88 | 5614 | 264 |
| 90 | 5566 | 270 | 93 | 5511 | 279 |
| 93 | 5640 | 279 | 96 | 5573 | 288 |
| -- | -- | -- | 97 | 5565 | 291 |

| Radar waveform #7 | | | Radar waveform #8 | | |
|---|---|---|---|---|---|
| Hopping Number | Frequency (MHz) | Pulse Start (ms) | Hopping Number | Frequency (MHz) | Pulse Start (ms) |
| 8 | 5638 | 24 | 1 | 5528 | 3 |
| 11 | 5528 | 33 | 4 | 5587 | 12 |
| 12 | 5635 | 36 | 5 | 5544 | 15 |
| 13 | 5614 | 39 | 6 | 5595 | 18 |
| 14 | 5618 | 42 | 7 | 5591 | 21 |
| 15 | 5510 | 45 | 11 | 5534 | 33 |
| 16 | 5522 | 48 | 12 | 5493 | 36 |
| 21 | 5527 | 63 | 15 | 5600 | 45 |
| 23 | 5548 | 69 | 18 | 5593 | 54 |
| 25 | 5538 | 75 | 19 | 5511 | 57 |
| 43 | 5504 | 129 | 24 | 5596 | 72 |
| 45 | 5644 | 135 | 28 | 5611 | 84 |
| 47 | 5646 | 141 | 29 | 5556 | 87 |
| 48 | 5540 | 144 | 37 | 5543 | 111 |
| 50 | 5530 | 150 | 40 | 5620 | 120 |
| 52 | 5551 | 156 | 41 | 5532 | 123 |
| 54 | 5509 | 162 | 46 | 5594 | 138 |
| 56 | 5649 | 168 | 47 | 5490 | 141 |
| 61 | 5519 | 183 | 49 | 5642 | 147 |
| 63 | 5556 | 189 | 51 | 5537 | 153 |
| 64 | 5553 | 192 | 61 | 5533 | 183 |
| 65 | 5610 | 195 | 62 | 5605 | 186 |
| 75 | 5637 | 225 | 63 | 5588 | 189 |
| 79 | 5631 | 237 | 69 | 5561 | 207 |
| 80 | 5626 | 240 | 71 | 5599 | 213 |
| 82 | 5500 | 246 | 72 | 5648 | 216 |
| 83 | 5591 | 249 | 76 | 5633 | 228 |
| 85 | 5562 | 255 | 81 | 5580 | 243 |
| 87 | 5536 | 261 | 83 | 5650 | 249 |
| 88 | 5642 | 264 | 85 | 5627 | 255 |
| 91 | 5492 | 273 | 86 | 5606 | 258 |
| 92 | 5532 | 276 | 88 | 5571 | 264 |
| 94 | 5607 | 282 | 89 | 5552 | 267 |
| -- | -- | -- | 90 | 5553 | 270 |

| | | | | | |
|---|---|---|---|---|---|
| -- | -- | -- | 91 | 5514 | 273 |
| -- | -- | -- | 96 | 5545 | 288 |
| -- | -- | -- | 97 | 5518 | 291 |
| -- | -- | -- | 100 | 5520 | 300 |

| Radar waveform #9 | | | Radar waveform #10 | | |
|---|---|---|---|---|---|
| Hopping Number | Frequency (MHz) | Pulse Start (ms) | Hopping Number | Frequency (MHz) | Pulse Start (ms) |
| 1 | 5525 | 3 | 2 | 5491 | 6 |
| 5 | 5555 | 15 | 8 | 5497 | 24 |
| 9 | 5577 | 27 | 15 | 5605 | 45 |
| 12 | 5637 | 36 | 16 | 5551 | 48 |
| 13 | 5499 | 39 | 17 | 5586 | 51 |
| 14 | 5496 | 42 | 19 | 5577 | 57 |
| 18 | 5550 | 54 | 21 | 5496 | 63 |
| 22 | 5640 | 66 | 22 | 5550 | 66 |
| 28 | 5506 | 84 | 24 | 5622 | 72 |
| 33 | 5533 | 99 | 26 | 5594 | 78 |
| 37 | 5604 | 111 | 34 | 5608 | 102 |
| 41 | 5620 | 123 | 37 | 5554 | 111 |
| 44 | 5643 | 132 | 38 | 5636 | 114 |
| 45 | 5543 | 135 | 41 | 5585 | 123 |
| 46 | 5599 | 138 | 42 | 5568 | 126 |
| 48 | 5628 | 144 | 45 | 5625 | 135 |
| 51 | 5508 | 153 | 49 | 5523 | 147 |
| 54 | 5578 | 162 | 50 | 5648 | 150 |
| 55 | 5596 | 165 | 56 | 5492 | 168 |
| 62 | 5534 | 186 | 73 | 5621 | 219 |
| 63 | 5600 | 189 | 74 | 5644 | 222 |
| 64 | 5505 | 192 | 75 | 5519 | 225 |
| 69 | 5551 | 207 | 78 | 5592 | 234 |
| 70 | 5553 | 210 | 80 | 5603 | 240 |
| 74 | 5493 | 222 | 83 | 5587 | 249 |
| 75 | 5622 | 225 | 85 | 5525 | 255 |
| 76 | 5504 | 228 | 92 | 5540 | 276 |
| 77 | 5540 | 231 | 96 | 5493 | 288 |
| 78 | 5608 | 234 | 97 | 5542 | 291 |

| | | | | | |
|---|---|---|---|---|---|
| 85 | 5490 | 255 | 100 | 5528 | 300 |
| 86 | 5617 | 258 | -- | -- | -- |
| 87 | 5609 | 261 | -- | -- | -- |
| 88 | 5564 | 264 | -- | -- | -- |
| 93 | 5644 | 279 | -- | -- | -- |
| 95 | 5574 | 285 | -- | -- | -- |
| 99 | 5497 | 297 | -- | -- | -- |
| 100 | 5627 | 300 | -- | -- | -- |

| **Radar waveform #11** | | | **Radar waveform #12** | | |
|---|---|---|---|---|---|
| Hopping Number | Frequency (MHz) | Pulse Start (ms) | Hopping Number | Frequency (MHz) | Pulse Start (ms) |
| 1 | 5567 | 3 | 3 | 5587 | 9 |
| 2 | 5617 | 6 | 8 | 5643 | 24 |
| 4 | 5539 | 12 | 12 | 5504 | 36 |
| 11 | 5509 | 33 | 17 | 5640 | 51 |
| 12 | 5490 | 36 | 22 | 5569 | 66 |
| 15 | 5562 | 45 | 23 | 5574 | 69 |
| 16 | 5572 | 48 | 30 | 5517 | 90 |
| 21 | 5549 | 63 | 31 | 5512 | 93 |
| 22 | 5613 | 66 | 38 | 5543 | 114 |
| 24 | 5646 | 72 | 41 | 5589 | 123 |
| 28 | 5519 | 84 | 45 | 5496 | 135 |
| 33 | 5623 | 99 | 49 | 5582 | 147 |
| 36 | 5624 | 108 | 52 | 5615 | 156 |
| 38 | 5643 | 114 | 57 | 5546 | 171 |
| 39 | 5590 | 117 | 58 | 5573 | 174 |
| 41 | 5650 | 123 | 60 | 5505 | 180 |
| 42 | 5645 | 126 | 61 | 5580 | 183 |
| 44 | 5616 | 132 | 62 | 5613 | 186 |
| 48 | 5491 | 144 | 68 | 5491 | 204 |
| 52 | 5511 | 156 | 69 | 5575 | 207 |
| 55 | 5578 | 165 | 72 | 5556 | 216 |
| 58 | 5500 | 174 | 73 | 5494 | 219 |
| 61 | 5517 | 183 | 74 | 5618 | 222 |
| 62 | 5610 | 186 | 76 | 5628 | 228 |
| 66 | 5503 | 198 | 78 | 5535 | 234 |

| | | | | | |
|---|---|---|---|---|---|
| 70 | 5638 | 210 | 79 | 5639 | 237 |
| 72 | 5520 | 216 | 80 | 5626 | 240 |
| 73 | 5621 | 219 | 87 | 5612 | 261 |
| 76 | 5612 | 228 | 88 | 5641 | 264 |
| 77 | 5630 | 231 | 92 | 5646 | 276 |
| 82 | 5536 | 246 | 93 | 5629 | 279 |
| 84 | 5588 | 252 | 97 | 5611 | 291 |
| 86 | 5518 | 258 | 100 | 5534 | 300 |
| 97 | 5603 | 291 | -- | -- | -- |
| 98 | 5510 | 294 | -- | -- | -- |

| **Radar waveform #13** | | | **Radar waveform #14** | | |
|---|---|---|---|---|---|
| Hopping Number | Frequency (MHz) | Pulse Start (ms) | Hopping Number | Frequency (MHz) | Pulse Start (ms) |
| 3 | 5636 | 9 | 8 | 5544 | 24 |
| 4 | 5578 | 12 | 9 | 5646 | 27 |
| 6 | 5502 | 18 | 10 | 5612 | 30 |
| 7 | 5583 | 21 | 11 | 5543 | 33 |
| 8 | 5525 | 24 | 13 | 5650 | 39 |
| 9 | 5511 | 27 | 14 | 5550 | 42 |
| 15 | 5626 | 45 | 15 | 5629 | 45 |
| 19 | 5611 | 57 | 16 | 5526 | 48 |
| 20 | 5493 | 60 | 18 | 5541 | 54 |
| 23 | 5619 | 69 | 25 | 5513 | 75 |
| 27 | 5612 | 81 | 29 | 5643 | 87 |
| 28 | 5623 | 84 | 35 | 5574 | 105 |
| 36 | 5500 | 108 | 36 | 5498 | 108 |
| 40 | 5546 | 120 | 38 | 5517 | 114 |
| 46 | 5561 | 138 | 39 | 5566 | 117 |
| 48 | 5542 | 144 | 42 | 5539 | 126 |
| 53 | 5582 | 159 | 45 | 5613 | 135 |
| 54 | 5600 | 162 | 47 | 5611 | 141 |
| 60 | 5565 | 180 | 48 | 5606 | 144 |
| 62 | 5506 | 186 | 53 | 5587 | 159 |
| 63 | 5573 | 189 | 54 | 5563 | 162 |
| 65 | 5602 | 195 | 58 | 5636 | 174 |
| 67 | 5559 | 201 | 59 | 5647 | 177 |

| | | | | | |
|---|---|---|---|---|---|
| 71 | 5637 | 213 | 63 | 5524 | 189 |
| 74 | 5549 | 222 | 64 | 5642 | 192 |
| 76 | 5579 | 228 | 69 | 5538 | 207 |
| 77 | 5539 | 231 | 71 | 5585 | 213 |
| 78 | 5617 | 234 | 72 | 5630 | 216 |
| 79 | 5497 | 237 | 74 | 5525 | 222 |
| 81 | 5599 | 243 | 75 | 5577 | 225 |
| 88 | 5574 | 264 | 76 | 5510 | 228 |
| 90 | 5490 | 270 | 78 | 5621 | 234 |
| 91 | 5631 | 273 | 81 | 5633 | 243 |
| 93 | 5598 | 279 | 84 | 5531 | 252 |
| 95 | 5503 | 285 | 87 | 5511 | 261 |
| 96 | 5507 | 288 | 89 | 5518 | 267 |
| 99 | 5588 | 297 | 90 | 5572 | 270 |
| -- | -- | -- | 91 | 5536 | 273 |
| -- | -- | -- | 100 | 5492 | 300 |

| Radar waveform #15 | | | Radar waveform #16 | | |
|---|---|---|---|---|---|
| Hopping Number | Frequency (MHz) | Pulse Start (ms) | Hopping Number | Frequency (MHz) | Pulse Start (ms) |
| 2 | 5528 | 6 | 8 | 5626 | 24 |
| 3 | 5647 | 9 | 10 | 5602 | 30 |
| 5 | 5626 | 15 | 14 | 5638 | 42 |
| 9 | 5646 | 27 | 15 | 5627 | 45 |
| 10 | 5596 | 30 | 18 | 5631 | 54 |
| 18 | 5514 | 54 | 23 | 5579 | 69 |
| 19 | 5621 | 57 | 24 | 5507 | 72 |
| 22 | 5563 | 66 | 29 | 5536 | 87 |
| 25 | 5619 | 75 | 34 | 5565 | 102 |
| 28 | 5507 | 84 | 35 | 5621 | 105 |
| 30 | 5593 | 90 | 37 | 5512 | 111 |
| 33 | 5496 | 99 | 38 | 5609 | 114 |
| 38 | 5545 | 114 | 43 | 5624 | 129 |
| 51 | 5567 | 153 | 44 | 5617 | 132 |
| 58 | 5536 | 174 | 47 | 5590 | 141 |
| 61 | 5570 | 183 | 48 | 5571 | 144 |
| 66 | 5498 | 198 | 49 | 5534 | 147 |
| 68 | 5508 | 204 | 50 | 5533 | 150 |
| 72 | 5497 | 216 | 51 | 5567 | 153 |
| 76 | 5500 | 228 | 53 | 5552 | 159 |
| 79 | 5643 | 237 | 58 | 5628 | 174 |
| 80 | 5589 | 240 | 59 | 5524 | 177 |
| 87 | 5644 | 261 | 61 | 5540 | 183 |
| 88 | 5565 | 264 | 63 | 5616 | 189 |
| 89 | 5542 | 267 | 64 | 5619 | 192 |
| 92 | 5623 | 276 | 65 | 5596 | 195 |
| 95 | 5633 | 285 | 67 | 5495 | 201 |
| 96 | 5591 | 288 | 71 | 5612 | 213 |
| 97 | 5569 | 291 | 76 | 5515 | 228 |
| 99 | 5512 | 297 | 82 | 5497 | 246 |
| -- | -- | -- | 87 | 5549 | 261 |

| Radar waveform #17 | | | Radar waveform #18 | | |
|---|---|---|---|---|---|
| Hopping Number | Frequency (MHz) | Pulse Start (ms) | Hopping Number | Frequency (MHz) | Pulse Start (ms) |
| 3 | 5519 | 9 | 1 | 5534 | 3 |
| 6 | 5604 | 18 | 4 | 5537 | 12 |
| 8 | 5543 | 24 | 5 | 5558 | 15 |
| 9 | 5534 | 27 | 7 | 5548 | 21 |
| 17 | 5622 | 51 | 8 | 5583 | 24 |
| 18 | 5547 | 54 | 12 | 5529 | 36 |
| 19 | 5593 | 57 | 14 | 5523 | 42 |
| 34 | 5603 | 102 | 19 | 5539 | 57 |
| 36 | 5527 | 108 | 20 | 5562 | 60 |
| 37 | 5579 | 111 | 21 | 5592 | 63 |
| 39 | 5542 | 117 | 28 | 5540 | 84 |
| 40 | 5523 | 120 | 31 | 5490 | 93 |
| 41 | 5535 | 123 | 37 | 5647 | 111 |
| 42 | 5585 | 126 | 39 | 5502 | 117 |
| 43 | 5608 | 129 | 40 | 5577 | 120 |
| 45 | 5646 | 135 | 42 | 5596 | 126 |
| 46 | 5599 | 138 | 45 | 5595 | 135 |
| 50 | 5548 | 150 | 47 | 5604 | 141 |
| 52 | 5496 | 156 | 51 | 5587 | 153 |
| 53 | 5576 | 159 | 52 | 5522 | 156 |
| 55 | 5584 | 165 | 53 | 5579 | 159 |
| 60 | 5644 | 180 | 55 | 5642 | 165 |
| 62 | 5504 | 186 | 64 | 5622 | 192 |
| 74 | 5636 | 222 | 66 | 5620 | 198 |
| 75 | 5642 | 225 | 73 | 5582 | 219 |
| 78 | 5513 | 234 | 76 | 5615 | 228 |
| 79 | 5645 | 237 | 79 | 5578 | 237 |
| 83 | 5537 | 249 | 80 | 5571 | 240 |
| 87 | 5618 | 261 | 81 | 5581 | 243 |
| 91 | 5638 | 273 | 89 | 5634 | 267 |
| 92 | 5575 | 276 | 92 | 5555 | 276 |
| 93 | 5648 | 279 | 93 | 5508 | 279 |
| 94 | 5560 | 282 | 95 | 5563 | 285 |
| 96 | 5501 | 288 | 99 | 5554 | 297 |

| | | | | | |
|---|---|---|---|---|---|
| 98 | 5594 | 294 | 100 | 5553 | 300 |

| Radar waveform #19 | | | Radar waveform #20 | | |
|---|---|---|---|---|---|
| Hopping Number | Frequency (MHz) | Pulse Start (ms) | Hopping Number | Frequency (MHz) | Pulse Start (ms) |
| 2 | 5612 | 6 | 1 | 5539 | 3 |
| 8 | 5622 | 24 | 3 | 5633 | 9 |
| 12 | 5645 | 36 | 5 | 5511 | 15 |
| 13 | 5524 | 39 | 6 | 5600 | 18 |
| 16 | 5509 | 48 | 9 | 5643 | 27 |
| 19 | 5575 | 57 | 13 | 5646 | 39 |
| 26 | 5536 | 78 | 18 | 5598 | 54 |
| 28 | 5535 | 84 | 25 | 5642 | 75 |
| 34 | 5609 | 102 | 40 | 5497 | 120 |
| 35 | 5649 | 105 | 41 | 5521 | 123 |
| 37 | 5621 | 111 | 45 | 5616 | 135 |
| 39 | 5517 | 117 | 47 | 5496 | 141 |
| 41 | 5516 | 123 | 48 | 5631 | 144 |
| 44 | 5584 | 132 | 49 | 5625 | 147 |
| 47 | 5512 | 141 | 53 | 5648 | 159 |
| 51 | 5588 | 153 | 57 | 5544 | 171 |
| 53 | 5617 | 159 | 62 | 5530 | 186 |
| 56 | 5580 | 168 | 64 | 5649 | 192 |
| 57 | 5549 | 171 | 69 | 5575 | 207 |
| 58 | 5635 | 174 | 70 | 5615 | 210 |
| 59 | 5610 | 177 | 72 | 5512 | 216 |
| 61 | 5650 | 183 | 74 | 5548 | 222 |
| 62 | 5569 | 186 | 76 | 5506 | 228 |
| 64 | 5603 | 192 | 78 | 5645 | 234 |
| 66 | 5531 | 198 | 82 | 5644 | 246 |
| 69 | 5629 | 207 | 85 | 5640 | 255 |
| 71 | 5511 | 213 | 89 | 5572 | 267 |
| 73 | 5605 | 219 | 90 | 5635 | 270 |
| 76 | 5627 | 228 | 93 | 5531 | 279 |
| 77 | 5538 | 231 | 94 | 5607 | 282 |
| 80 | 5504 | 240 | 98 | 5619 | 294 |
| 81 | 5563 | 243 | -- | -- | -- |
| 82 | 5624 | 246 | -- | -- | -- |
| 85 | 5648 | 255 | -- | -- | -- |

| | | | | | |
|---|---|---|---|---|---|
| 88 | 5583 | 264 | -- | -- | -- |
| 93 | 5557 | 279 | -- | -- | -- |
| 94 | 5560 | 282 | -- | -- | -- |
| 96 | 5507 | 288 | -- | -- | -- |

| Radar waveform #21 | | | Radar waveform #22 | | |
|---|---|---|---|---|---|
| Hopping Number | Frequency (MHz) | Pulse Start (ms) | Hopping Number | Frequency (MHz) | Pulse Start (ms) |
| 1 | 5631 | 3 | 6 | 5519 | 18 |
| 2 | 5520 | 6 | 7 | 5610 | 21 |
| 3 | 5549 | 9 | 8 | 5540 | 24 |
| 5 | 5591 | 15 | 10 | 5616 | 30 |
| 7 | 5645 | 21 | 12 | 5579 | 36 |
| 8 | 5507 | 24 | 16 | 5596 | 48 |
| 9 | 5493 | 27 | 21 | 5642 | 63 |
| 12 | 5548 | 36 | 23 | 5641 | 69 |
| 13 | 5524 | 39 | 24 | 5564 | 72 |
| 16 | 5625 | 48 | 25 | 5619 | 75 |
| 18 | 5629 | 54 | 27 | 5603 | 81 |
| 21 | 5503 | 63 | 28 | 5538 | 84 |
| 24 | 5595 | 72 | 35 | 5522 | 105 |
| 26 | 5617 | 78 | 37 | 5527 | 111 |
| 33 | 5647 | 99 | 38 | 5592 | 114 |
| 35 | 5606 | 105 | 44 | 5604 | 132 |
| 37 | 5604 | 111 | 49 | 5516 | 147 |
| 38 | 5509 | 114 | 52 | 5613 | 156 |
| 41 | 5573 | 123 | 57 | 5637 | 171 |
| 43 | 5575 | 129 | 58 | 5638 | 174 |
| 49 | 5603 | 147 | 60 | 5496 | 180 |
| 51 | 5599 | 153 | 61 | 5497 | 183 |
| 52 | 5587 | 156 | 62 | 5557 | 186 |
| 53 | 5552 | 159 | 64 | 5646 | 192 |
| 56 | 5545 | 168 | 65 | 5498 | 195 |
| 59 | 5535 | 177 | 67 | 5621 | 201 |
| 60 | 5554 | 180 | 70 | 5645 | 210 |
| 67 | 5494 | 201 | 72 | 5505 | 216 |
| 68 | 5568 | 204 | 73 | 5561 | 219 |
| 74 | 5551 | 222 | 74 | 5528 | 222 |
| 77 | 5527 | 231 | 80 | 5566 | 240 |
| 84 | 5537 | 252 | 81 | 5539 | 243 |
| 87 | 5623 | 261 | 86 | 5556 | 258 |
| 88 | 5499 | 264 | 87 | 5569 | 261 |

| | | | | | |
|---|---|---|---|---|---|
| 92 | 5495 | 276 | 88 | 5586 | 264 |
| 99 | 5646 | 297 | 89 | 5573 | 267 |
| -- | -- | -- | 95 | 5501 | 285 |
| -- | -- | -- | 99 | 5612 | 297 |
| -- | -- | -- | 100 | 5559 | 300 |

| Radar waveform #23 | | | Radar waveform #24 | | |
|---|---|---|---|---|---|
| Hopping Number | Frequency (MHz) | Pulse Start (ms) | Hopping Number | Frequency (MHz) | Pulse Start (ms) |
| 1 | 5535 | 3 | 1 | 5576 | 3 |
| 2 | 5513 | 6 | 3 | 5609 | 9 |
| 3 | 5556 | 9 | 5 | 5639 | 15 |
| 6 | 5619 | 18 | 7 | 5563 | 21 |
| 8 | 5523 | 24 | 8 | 5493 | 24 |
| 13 | 5497 | 39 | 9 | 5614 | 27 |
| 14 | 5590 | 42 | 14 | 5495 | 42 |
| 15 | 5554 | 45 | 15 | 5542 | 45 |
| 17 | 5588 | 51 | 24 | 5491 | 72 |
| 18 | 5622 | 54 | 26 | 5647 | 78 |
| 19 | 5529 | 57 | 31 | 5502 | 93 |
| 20 | 5557 | 60 | 34 | 5594 | 102 |
| 24 | 5522 | 72 | 36 | 5600 | 108 |
| 25 | 5496 | 75 | 39 | 5565 | 117 |
| 29 | 5589 | 87 | 42 | 5603 | 126 |
| 37 | 5503 | 111 | 44 | 5558 | 132 |
| 40 | 5603 | 120 | 50 | 5595 | 150 |
| 41 | 5540 | 123 | 55 | 5539 | 165 |
| 43 | 5552 | 129 | 60 | 5553 | 180 |
| 46 | 5624 | 138 | 63 | 5549 | 189 |
| 49 | 5559 | 147 | 65 | 5621 | 195 |
| 51 | 5614 | 153 | 67 | 5635 | 201 |
| 52 | 5584 | 156 | 68 | 5638 | 204 |
| 55 | 5650 | 165 | 73 | 5532 | 219 |
| 60 | 5543 | 180 | 76 | 5637 | 228 |
| 62 | 5574 | 186 | 77 | 5536 | 231 |
| 63 | 5626 | 189 | 83 | 5533 | 249 |
| 67 | 5581 | 201 | 90 | 5564 | 270 |
| 68 | 5635 | 204 | 91 | 5541 | 273 |
| 71 | 5596 | 213 | 94 | 5525 | 282 |
| 74 | 5605 | 222 | 96 | 5559 | 288 |
| 76 | 5645 | 228 | 99 | 5546 | 297 |
| 78 | 5579 | 234 | -- | -- | -- |
| 82 | 5646 | 246 | -- | -- | -- |

| | | | | | |
|---|---|---|---|---|---|
| 84 | 5649 | 252 | -- | -- | -- |
| 87 | 5629 | 261 | -- | -- | -- |
| 89 | 5623 | 267 | -- | -- | -- |
| 93 | 5583 | 279 | -- | -- | -- |
| 98 | 5545 | 294 | -- | -- | -- |

| Radar waveform #25 | | | Radar waveform #26 | | |
|---|---|---|---|---|---|
| Hopping Number | Frequency (MHz) | Pulse Start (ms) | Hopping Number | Frequency (MHz) | Pulse Start (ms) |
| 13 | 5514 | 39 | 1 | 5604 | 3 |
| 16 | 5520 | 48 | 3 | 5515 | 9 |
| 19 | 5497 | 57 | 7 | 5591 | 21 |
| 21 | 5568 | 63 | 12 | 5640 | 36 |
| 29 | 5604 | 87 | 14 | 5641 | 42 |
| 30 | 5543 | 90 | 18 | 5630 | 54 |
| 31 | 5508 | 93 | 20 | 5569 | 60 |
| 36 | 5544 | 108 | 27 | 5619 | 81 |
| 37 | 5542 | 111 | 32 | 5648 | 96 |
| 41 | 5611 | 123 | 33 | 5617 | 99 |
| 42 | 5535 | 126 | 35 | 5537 | 105 |
| 43 | 5620 | 129 | 39 | 5547 | 117 |
| 44 | 5553 | 132 | 44 | 5533 | 132 |
| 48 | 5631 | 144 | 46 | 5501 | 138 |
| 56 | 5571 | 168 | 52 | 5646 | 156 |
| 57 | 5638 | 171 | 54 | 5555 | 162 |
| 61 | 5647 | 183 | 55 | 5499 | 165 |
| 63 | 5608 | 189 | 58 | 5546 | 174 |
| 64 | 5528 | 192 | 59 | 5613 | 177 |
| 65 | 5538 | 195 | 62 | 5512 | 186 |
| 67 | 5639 | 201 | 65 | 5510 | 195 |
| 68 | 5524 | 204 | 66 | 5544 | 198 |
| 69 | 5624 | 207 | 68 | 5592 | 204 |
| 82 | 5641 | 246 | 70 | 5545 | 210 |
| 83 | 5559 | 249 | 71 | 5642 | 213 |
| 84 | 5533 | 252 | 74 | 5612 | 222 |
| 86 | 5644 | 258 | 77 | 5623 | 231 |
| 87 | 5582 | 261 | 80 | 5562 | 240 |
| 90 | 5516 | 270 | 81 | 5577 | 243 |
| 100 | 5530 | 300 | 83 | 5535 | 249 |
| -- | -- | -- | 84 | 5530 | 252 |
| -- | -- | -- | 96 | 5502 | 288 |

| Radar waveform #27 | | | Radar waveform #28 | | |
|---|---|---|---|---|---|
| Hopping Number | Frequency (MHz) | Pulse Start (ms) | Hopping Number | Frequency (MHz) | Pulse Start (ms) |
| 3 | 5614 | 9 | 2 | 5535 | 6 |
| 5 | 5528 | 15 | 3 | 5529 | 9 |
| 7 | 5605 | 21 | 5 | 5498 | 15 |
| 12 | 5587 | 36 | 6 | 5492 | 18 |
| 16 | 5600 | 48 | 12 | 5513 | 36 |
| 17 | 5649 | 51 | 20 | 5572 | 60 |
| 18 | 5639 | 54 | 21 | 5621 | 63 |
| 20 | 5597 | 60 | 25 | 5497 | 75 |
| 21 | 5511 | 63 | 29 | 5567 | 87 |
| 23 | 5490 | 69 | 32 | 5516 | 96 |
| 27 | 5521 | 81 | 34 | 5544 | 102 |
| 29 | 5629 | 87 | 39 | 5580 | 117 |
| 30 | 5572 | 90 | 40 | 5635 | 120 |
| 35 | 5514 | 105 | 44 | 5608 | 132 |
| 37 | 5515 | 111 | 45 | 5532 | 135 |
| 39 | 5588 | 117 | 46 | 5512 | 138 |
| 44 | 5501 | 132 | 47 | 5575 | 141 |
| 47 | 5609 | 141 | 48 | 5561 | 144 |
| 53 | 5612 | 159 | 53 | 5550 | 159 |
| 56 | 5593 | 168 | 56 | 5508 | 168 |
| 57 | 5492 | 171 | 58 | 5538 | 174 |
| 58 | 5506 | 174 | 60 | 5611 | 180 |
| 62 | 5633 | 186 | 61 | 5501 | 183 |
| 63 | 5553 | 189 | 66 | 5551 | 198 |
| 66 | 5574 | 198 | 68 | 5612 | 204 |
| 67 | 5518 | 201 | 72 | 5547 | 216 |
| 68 | 5619 | 204 | 74 | 5545 | 222 |
| 71 | 5532 | 213 | 77 | 5609 | 231 |
| 72 | 5545 | 216 | 81 | 5494 | 243 |
| 78 | 5505 | 234 | 82 | 5642 | 246 |
| 81 | 5507 | 243 | 91 | 5647 | 273 |
| 82 | 5519 | 246 | 93 | 5576 | 279 |
| 83 | 5522 | 249 | 95 | 5619 | 285 |
| 85 | 5555 | 255 | 98 | 5600 | 294 |

| | | | | | |
|---|---|---|---|---|---|
| 90 | 5590 | 270 | -- | -- | -- |
| 91 | 5584 | 273 | -- | -- | -- |
| 92 | 5607 | 276 | -- | -- | -- |
| 95 | 5586 | 285 | -- | -- | -- |
| 100 | 5611 | 300 | -- | -- | -- |

| Radar waveform #29 | | | Radar waveform #30 | | |
|---|---|---|---|---|---|
| Hopping Number | Frequency (MHz) | Pulse Start (ms) | Hopping Number | Frequency (MHz) | Pulse Start (ms) |
| 1 | 5595 | 3 | 3 | 5609 | 9 |
| 2 | 5578 | 6 | 6 | 5543 | 18 |
| 3 | 5528 | 9 | 9 | 5613 | 27 |
| 5 | 5493 | 15 | 10 | 5582 | 30 |
| 8 | 5548 | 24 | 17 | 5510 | 51 |
| 16 | 5605 | 48 | 18 | 5557 | 54 |
| 21 | 5526 | 63 | 21 | 5593 | 63 |
| 23 | 5576 | 69 | 23 | 5639 | 69 |
| 25 | 5619 | 75 | 24 | 5520 | 72 |
| 28 | 5623 | 84 | 27 | 5515 | 81 |
| 29 | 5592 | 87 | 35 | 5610 | 105 |
| 34 | 5511 | 102 | 36 | 5551 | 108 |
| 38 | 5563 | 114 | 38 | 5646 | 114 |
| 46 | 5628 | 138 | 39 | 5516 | 117 |
| 48 | 5614 | 144 | 43 | 5555 | 129 |
| 49 | 5577 | 147 | 49 | 5554 | 147 |
| 51 | 5639 | 153 | 51 | 5567 | 153 |
| 52 | 5587 | 156 | 52 | 5560 | 156 |
| 53 | 5506 | 159 | 53 | 5500 | 159 |
| 57 | 5523 | 171 | 54 | 5522 | 162 |
| 60 | 5596 | 180 | 58 | 5509 | 174 |
| 64 | 5553 | 192 | 62 | 5633 | 186 |
| 65 | 5501 | 195 | 63 | 5570 | 189 |
| 68 | 5645 | 204 | 67 | 5603 | 201 |
| 74 | 5555 | 222 | 68 | 5617 | 204 |
| 77 | 5522 | 231 | 70 | 5514 | 210 |
| 80 | 5534 | 240 | 72 | 5576 | 216 |
| 81 | 5533 | 243 | 76 | 5637 | 228 |
| 84 | 5530 | 252 | 80 | 5497 | 240 |
| 88 | 5616 | 264 | 81 | 5598 | 243 |
| 90 | 5532 | 270 | 87 | 5587 | 261 |
| 92 | 5490 | 276 | 88 | 5508 | 264 |
| 94 | 5549 | 282 | 89 | 5496 | 267 |
| 95 | 5560 | 285 | 90 | 5506 | 270 |

| | | | | | |
|---|---|---|---|---|---|
| 97 | 5569 | 291 | 93 | 5526 | 279 |
| 98 | 5622 | 294 | 94 | 5589 | 282 |
| -- | -- | -- | 96 | 5642 | 288 |

# 6. Test Result for Zero-wait

| | | | |
|---|---|---|---|
| Product | AX5400 Wi-Fi 6 Router | Temperature | 27°C |
| Test Engineer | Kevin Ker | Relative Humidity | 65% |
| Test Site | AC1 | Test Date | 2020/09/24 |
| Test Item | Radar Statistical Performance Check (802.11ax-HE20 – 5580MHz) | | |

Radar Type 1 - Radar Statistical Performance

| Trail # | Test Freq. (MHz) | Pulse Width (us) | PRI (us) | Pulses / Burst | 1=Detection 0=No Detection |
|---|---|---|---|---|---|
| 1 | 5580.4 | 1 | 818 | 65 | 0 |
| 2 | 5580.9 | 1 | 838 | 63 | 1 |
| 3 | 5581.3 | 1 | 938 | 57 | 1 |
| 4 | 5582.7 | 1 | 758 | 70 | 1 |
| 5 | 5583.6 | 1 | 678 | 78 | 1 |
| 6 | 5584.6 | 1 | 778 | 68 | 1 |
| 7 | 5585.2 | 1 | 858 | 62 | 1 |
| 8 | 5586.1 | 1 | 698 | 76 | 1 |
| 9 | 5587.8 | 1 | 578 | 92 | 1 |
| 10 | 5588.3 | 1 | 518 | 102 | 1 |
| 11 | 5589.7 | 1 | 738 | 72 | 1 |
| 12 | 5579.2 | 1 | 798 | 67 | 1 |
| 13 | 5579.4 | 1 | 918 | 58 | 1 |
| 14 | 5578.6 | 1 | 718 | 74 | 1 |
| 15 | 5577.3 | 1 | 558 | 95 | 1 |
| 16 | 5576.5 | 1 | 2623 | 21 | 1 |
| 17 | 5575.7 | 1 | 1989 | 27 | 1 |
| 18 | 5574.9 | 1 | 1681 | 32 | 1 |
| 19 | 5573.1 | 1 | 2068 | 26 | 1 |
| 20 | 5572.2 | 1 | 1937 | 28 | 1 |
| 21 | 5571.4 | 1 | 1109 | 48 | 1 |
| 22 | 5571.6 | 1 | 1326 | 40 | 1 |
| 23 | 5572.8 | 1 | 2323 | 23 | 1 |
| 24 | 5574.3 | 1 | 2904 | 19 | 1 |
| 25 | 5577.7 | 1 | 1957 | 27 | 1 |
| 26 | 5580.2 | 1 | 545 | 97 | 1 |

| Trail # | Test Freq. (MHz) | Pulse Width (us) | PRI (us) | Pulses / Burst | 1=Detection 0=No Detection |
|---|---|---|---|---|---|
| 27 | 5583.1 | 1 | 2410 | 22 | 1 |
| 28 | 5586.6 | 1 | 902 | 59 | 1 |
| 29 | 5589.3 | 1 | 680 | 78 | 1 |
| 30 | 5575.8 | 1 | 866 | 61 | 1 |
| Detection Percentage (%) | | | | | 96.7% |

Radar Type 2 - Radar Statistical Performance

| Trail # | Test Freq. (MHz) | Pulse Width (us) | PRI (us) | Pulses / Burst | 1=Detection 0=No Detection |
|---|---|---|---|---|---|
| 1 | 5580.4 | 4.6 | 176 | 26 | 1 |
| 2 | 5580.9 | 1.1 | 154 | 27 | 1 |
| 3 | 5581.3 | 2.3 | 227 | 28 | 1 |
| 4 | 5582.7 | 2.8 | 219 | 24 | 1 |
| 5 | 5583.6 | 1.5 | 216 | 27 | 1 |
| 6 | 5584.6 | 1.7 | 224 | 26 | 1 |
| 7 | 5585.2 | 4.0 | 230 | 25 | 1 |
| 8 | 5586.1 | 2.1 | 204 | 26 | 1 |
| 9 | 5587.8 | 1.5 | 178 | 28 | 1 |
| 10 | 5588.3 | 1.8 | 220 | 28 | 1 |
| 11 | 5589.7 | 3.0 | 200 | 25 | 1 |
| 12 | 5579.2 | 3.3 | 184 | 24 | 1 |
| 13 | 5579.4 | 1.8 | 152 | 27 | 1 |
| 14 | 5578.6 | 2.0 | 153 | 29 | 1 |
| 15 | 5577.3 | 1.5 | 171 | 25 | 1 |
| 16 | 5576.5 | 4.1 | 190 | 26 | 1 |
| 17 | 5575.7 | 1.7 | 174 | 26 | 1 |
| 18 | 5574.9 | 1.6 | 162 | 25 | 1 |
| 19 | 5573.1 | 2.1 | 152 | 27 | 1 |
| 20 | 5572.2 | 2.7 | 176 | 25 | 1 |
| 21 | 5571.4 | 3.9 | 225 | 24 | 1 |
| 22 | 5571.6 | 4.1 | 225 | 28 | 1 |
| 23 | 5572.8 | 1.1 | 155 | 27 | 1 |
| 24 | 5574.3 | 3.9 | 201 | 25 | 1 |
| 25 | 5577.7 | 4.5 | 198 | 24 | 1 |
| 26 | 5580.2 | 1.4 | 212 | 26 | 1 |
| 27 | 5583.1 | 4.2 | 229 | 25 | 1 |
| 28 | 5586.6 | 2.5 | 181 | 24 | 1 |
| 29 | 5589.3 | 3.6 | 219 | 27 | 1 |
| 30 | 5575.8 | 4.6 | 165 | 27 | 1 |
| Detection Percentage (%) | | | | | 100% |

Radar Type 3 - Radar Statistical Performance

| Trail # | Test Freq. (MHz) | Pulse Width (us) | PRI (us) | Pulses / Burst | 1=Detection 0=No Detection |
|---|---|---|---|---|---|
| 1 | 5580.4 | 6.8 | 436 | 17 | 0 |
| 2 | 5580.9 | 9.2 | 272 | 17 | 1 |
| 3 | 5581.3 | 6.8 | 468 | 17 | 1 |
| 4 | 5582.7 | 6.0 | 224 | 17 | 0 |
| 5 | 5583.6 | 9.0 | 285 | 17 | 1 |
| 6 | 5584.6 | 6.3 | 203 | 17 | 0 |
| 7 | 5585.2 | 7.7 | 280 | 18 | 0 |
| 8 | 5586.1 | 7.9 | 343 | 16 | 1 |
| 9 | 5587.8 | 9.2 | 298 | 17 | 1 |
| 10 | 5588.3 | 7.5 | 297 | 17 | 1 |
| 11 | 5589.7 | 9.8 | 397 | 18 | 1 |
| 12 | 5579.2 | 6.6 | 298 | 16 | 1 |
| 13 | 5579.4 | 6.4 | 217 | 18 | 0 |
| 14 | 5578.6 | 8.3 | 271 | 16 | 1 |
| 15 | 5577.3 | 9.0 | 304 | 16 | 0 |
| 16 | 5576.5 | 8.7 | 240 | 16 | 1 |
| 17 | 5575.7 | 8.0 | 311 | 17 | 1 |
| 18 | 5574.9 | 8.7 | 207 | 17 | 1 |
| 19 | 5573.1 | 8.0 | 435 | 18 | 1 |
| 20 | 5572.2 | 9.0 | 416 | 17 | 1 |
| 21 | 5571.4 | 9.8 | 343 | 16 | 1 |
| 22 | 5571.6 | 6.7 | 289 | 18 | 1 |
| 23 | 5572.8 | 9.7 | 492 | 17 | 1 |
| 24 | 5574.3 | 7.4 | 485 | 17 | 1 |
| 25 | 5577.7 | 9.9 | 389 | 16 | 1 |
| 26 | 5580.2 | 6.0 | 222 | 18 | 1 |
| 27 | 5583.1 | 8.2 | 266 | 17 | 1 |
| 28 | 5586.6 | 7.4 | 240 | 17 | 1 |
| 29 | 5589.3 | 6.4 | 222 | 17 | 1 |
| 30 | 5575.8 | 6.7 | 408 | 16 | 1 |
| Detection Percentage (%) | | | | | 80% |

Radar Type 4 - Radar Statistical Performance

| Trail # | Test Freq. (MHz) | Pulse Width (us) | PRI (us) | Pulses / Burst | 1=Detection 0=No Detection |
|---|---|---|---|---|---|
| 1 | 5580.4 | 12.7 | 387 | 16 | 0 |
| 2 | 5580.9 | 18.4 | 351 | 15 | 1 |
| 3 | 5581.3 | 18.4 | 340 | 15 | 1 |
| 4 | 5582.7 | 15.8 | 333 | 16 | 1 |
| 5 | 5583.6 | 17.6 | 295 | 12 | 0 |
| 6 | 5584.6 | 12.0 | 403 | 15 | 1 |
| 7 | 5585.2 | 16.8 | 230 | 16 | 1 |
| 8 | 5586.1 | 13.5 | 384 | 15 | 1 |
| 9 | 5587.8 | 15.9 | 464 | 14 | 0 |
| 10 | 5588.3 | 18.0 | 284 | 14 | 0 |
| 11 | 5589.7 | 15.0 | 410 | 13 | 1 |
| 12 | 5579.2 | 11.5 | 315 | 15 | 1 |
| 13 | 5579.4 | 16.6 | 433 | 14 | 0 |
| 14 | 5578.6 | 12.7 | 337 | 15 | 1 |
| 15 | 5577.3 | 12.6 | 437 | 13 | 1 |
| 16 | 5576.5 | 12.1 | 485 | 15 | 1 |
| 17 | 5575.7 | 18.3 | 480 | 14 | 1 |
| 18 | 5574.9 | 18.0 | 443 | 16 | 0 |
| 19 | 5573.1 | 17.2 | 232 | 12 | 1 |
| 20 | 5572.2 | 14.2 | 321 | 13 | 0 |
| 21 | 5571.4 | 20.0 | 449 | 14 | 1 |
| 22 | 5571.6 | 14.6 | 395 | 12 | 1 |
| 23 | 5572.8 | 16.8 | 377 | 14 | 1 |
| 24 | 5574.3 | 13.7 | 269 | 13 | 1 |
| 25 | 5577.7 | 12.8 | 353 | 14 | 1 |
| 26 | 5580.2 | 13.9 | 261 | 12 | 1 |
| 27 | 5583.1 | 18.2 | 340 | 15 | 1 |
| 28 | 5586.6 | 11.8 | 205 | 14 | 1 |
| 29 | 5589.3 | 11.6 | 367 | 14 | 1 |
| 30 | 5575.8 | 15.2 | 206 | 15 | 1 |
| Detection Percentage (%) | | | | | 76.7% |

Note: In addition an average minimum percentage of successful detection across all four Short pulse radar test waveforms is as follows: $\frac{P_d1+P_d2+P_d3+P_d4}{4}$ = (96.7%+100%+80%+76.7%)/4 = 88.3% (>80%)

Radar Type 5 - Radar Statistical Performance

| Trail # | Test Freq. (MHz) | 1=Detection 0=No Detection | Trail # | Test Freq. (MHz) | 1=Detection 0=No Detection |
|---|---|---|---|---|---|
| 1 | 5580.0 | 1 | 16 | 5496.0 | 1 |
| 2 | 5580.0 | 1 | 17 | 5498.0 | 1 |
| 3 | 5580.0 | 1 | 18 | 5498.0 | 1 |
| 4 | 5580.0 | 1 | 19 | 5496.8 | 1 |
| 5 | 5580.0 | 1 | 20 | 5496.4 | 1 |
| 6 | 5580.0 | 1 | 21 | 5505.2 | 1 |
| 7 | 5580.0 | 1 | 22 | 5504.8 | 1 |
| 8 | 5580.0 | 0 | 23 | 5502.8 | 1 |
| 9 | 5580.0 | 1 | 24 | 5505.6 | 1 |
| 10 | 5580.0 | 1 | 25 | 5506.8 | 1 |
| 11 | 5492.8 | 1 | 26 | 5504.0 | 1 |
| 12 | 5497.2 | 1 | 27 | 5504.8 | 1 |
| 13 | 5494.8 | 1 | 28 | 5504.4 | 0 |
| 14 | 5497.6 | 1 | 29 | 5507.6 | 1 |
| 15 | 5492.4 | 1 | 30 | 5502.4 | 0 |
| Detection Percentage (%) | | | | | 90% |

**Type 5 Radar Waveform_1**

| Burst | Number of Pulses | Pulse Width (μ sec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
|---|---|---|---|---|---|---|
| 1 | 2 | 87.3 | 18 | 1877 | | 278.697 |
| 2 | 2 | 96.7 | 18 | 1484 | | 377.917 |
| 3 | 3 | 78.8 | 18 | 1163 | 1665 | 661.504 |
| 4 | 1 | 90.8 | 18 | | | 317.831 |
| 5 | 2 | 90.9 | 18 | 1518 | | 62.499 |
| 6 | 3 | 80.4 | 18 | 1157 | 1679 | 739.466 |
| 7 | 3 | 64.3 | 18 | 1080 | 1481 | 281.433 |
| 8 | 2 | 91.8 | 18 | 1667 | | 352.7 |
| 9 | 3 | 59.3 | 18 | 1936 | 1479 | 347.087 |
| 10 | 2 | 57.3 | 18 | 1890 | | 631.104 |
| 11 | 3 | 99.1 | 18 | 1366 | 1409 | 257.421 |
| 12 | 2 | 67.9 | 18 | 1582 | | 444.089 |
| 13 | 1 | 75.8 | 18 | | | 575.786 |
| 14 | 2 | 53.7 | 18 | 1353 | | 638.843 |

**Type 5 Radar Waveform_2**

| Burst | Number of Pulses | Pulse Width (μ sec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
|---|---|---|---|---|---|---|
| 1 | 3 | 62.6 | 11 | 1505 | 1067 | 371.896 |
| 2 | 2 | 96.4 | 11 | 1452 | | 194.96 |
| 3 | 3 | 99.5 | 11 | 1789 | 1091 | 1010.53 |
| 4 | 2 | 78.3 | 11 | 1617 | | 808.24 |
| 5 | 1 | 87.3 | 11 | | | 528.42 |
| 6 | 2 | 74.9 | 11 | 1095 | | 306.05 |
| 7 | 3 | 95.1 | 11 | 1643 | 1073 | 1143.7 |
| 8 | 3 | 74 | 11 | 1257 | 1444 | 787.14 |
| 9 | 2 | 74.5 | 11 | 1742 | | 13.84 |
| 10 | 1 | 91.2 | 11 | | | 598.2 |

**Type 5 Radar Waveform_3**

| Burst | Number of Pulses | Pulse Width (μ sec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
|---|---|---|---|---|---|---|
| 1 | 3 | 71.5 | 20 | 1614 | 1333 | 400.328 |
| 2 | 3 | 65.6 | 20 | 1310 | 1716 | 745.911 |
| 3 | 1 | 67 | 20 | | | 673.282 |
| 4 | 2 | 52.9 | 20 | 1198 | | 16.213 |
| 5 | 2 | 52.8 | 20 | 1965 | | 946.664 |
| 6 | 2 | 65.2 | 20 | 1320 | | 1059.305 |
| 7 | 2 | 85 | 20 | 1255 | | 829.525 |
| 8 | 1 | 51.4 | 20 | | | 520.896 |
| 9 | 3 | 96.2 | 20 | 1992 | 1411 | 44.637 |
| 10 | 2 | 51 | 20 | 1725 | | 990.318 |
| 11 | 2 | 74.5 | 20 | 1731 | | 793.009 |

**Type 5 Radar Waveform_4**

| Burst | Number of Pulses | Pulse Width (μ sec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
|---|---|---|---|---|---|---|
| 1 | 1 | 58.5 | 12 | | | 982.363 |
| 2 | 1 | 79 | 12 | | | 445.207 |
| 3 | 2 | 98.4 | 12 | 1085 | | 470.763 |
| 4 | 1 | 96 | 12 | | | 981.49 |
| 5 | 2 | 63.8 | 12 | 1403 | | 698.937 |
| 6 | 2 | 100 | 12 | 1410 | | 932.813 |
| 7 | 3 | 71.8 | 12 | 1910 | 1696 | 73.37 |
| 8 | 2 | 64.7 | 12 | 1774 | | 1178.367 |
| 9 | 1 | 97.8 | 12 | | | 366.133 |

**Type 5 Radar Waveform_5**

| Burst | Number of Pulses | Pulse Width (μ sec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
|---|---|---|---|---|---|---|
| 1 | 3 | 92.4 | 20 | 1375 | 1126 | 633.743 |
| 2 | 2 | 94.6 | 20 | 1052 | | 983.61 |
| 3 | 1 | 60.9 | 20 | | | 527.83 |
| 4 | 2 | 90.7 | 20 | 1479 | | 54.25 |
| 5 | 2 | 74.3 | 20 | 1642 | | 834.3 |
| 6 | 3 | 55.6 | 20 | 1056 | 1069 | 692.96 |
| 7 | 2 | 61.9 | 20 | 1267 | | 119.21 |
| 8 | 3 | 54.4 | 20 | 1717 | 1578 | 978.79 |
| 9 | 1 | 93.3 | 20 | | | 26.63 |
| 10 | 1 | 96.2 | 20 | | | 968.68 |
| 11 | 3 | 89.6 | 20 | 1465 | 1091 | 333.3 |
| 12 | 1 | 100 | 20 | | | 476.3 |

**Type 5 Radar Waveform_6**

| Burst | Number of Pulses | Pulse Width (μ sec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
|---|---|---|---|---|---|---|
| 1 | 1 | 66.3 | 16 | | | 231.227 |
| 2 | 3 | 51.7 | 16 | 1393 | 1088 | 736.981 |
| 3 | 2 | 84.7 | 16 | 1607 | | 636.762 |
| 4 | 1 | 90.9 | 16 | | | 29.443 |
| 5 | 1 | 66.8 | 16 | | | 832.574 |
| 6 | 1 | 96.9 | 16 | | | 1039.235 |
| 7 | 2 | 94.7 | 16 | 1388 | | 837.005 |
| 8 | 2 | 94.3 | 16 | 1556 | | 800.366 |
| 9 | 2 | 67 | 16 | 1953 | | 196.987 |
| 10 | 2 | 59.9 | 16 | 1497 | | 745.318 |
| 11 | 1 | 93.9 | 16 | | | 909.209 |

**Type 5 Radar Waveform_7**

| Burst | Number of Pulses | Pulse Width (μ sec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
|---|---|---|---|---|---|---|
| 1 | 1 | 70.8 | 14 | | | 405.209 |
| 2 | 2 | 65.3 | 14 | 1433 | | 783.231 |
| 3 | 2 | 93.2 | 14 | 1987 | | 76.172 |
| 4 | 2 | 88.8 | 14 | 1142 | | 636.103 |
| 5 | 2 | 63.1 | 14 | 1882 | | 669.844 |
| 6 | 3 | 59.4 | 14 | 1180 | 1173 | 1024.215 |
| 7 | 3 | 98.7 | 14 | 1255 | 1510 | 102.705 |
| 8 | 2 | 79.7 | 14 | 1724 | | 385.856 |
| 9 | 2 | 74.6 | 14 | 1526 | | 941.167 |
| 10 | 3 | 61.4 | 14 | 1101 | 1695 | 1047.118 |
| 11 | 3 | 60.7 | 14 | 1425 | 1131 | 622.509 |

**Type 5 Radar Waveform_8**

| Burst | Number of Pulses | Pulse Width (μ sec) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μ sec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
|---|---|---|---|---|---|---|
| 1 | 2 | 50.2 | 17 | 1051 | | 57.597 |
| 2 | 1 | 71.2 | 17 | | | 111.08 |
| 3 | 2 | 83 | 17 | 1556 | | 473.09 |
| 4 | 3 | 53.2 | 17 | 1523 | 1505 | 36.79 |
| 5 | 3 | 87.2 | 17 | 1950 | 1589 | 651.23 |
| 6 | 3 | 61.3 | 17 | 1412 | 1772 | 507.74 |
| 7 | 2 | 77.8 | 17 | 1144 | | 832.57 |
| 8 | 2 | 73.8 | 17 | 1202 | | 112.23 |
| 9 | 3 | 98.3 | 17 | 1114 | 1499 | 356.22 |
| 10 | 2 | 85.2 | 17 | 1028 | | 269.3 |
| 11 | 3 | 60.3 | 17 | 1003 | 1400 | 606.8 |
| 12 | 1 | 75.1 | 17 | | | 513.9 |

**Type 5 Radar Waveform_9**

| Burst | Number of Pulses | Pulse Width (μ sec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
|---|---|---|---|---|---|---|
| 1 | 2 | 83.3 | 10 | 1090 | | 1057.97 |
| 2 | 2 | 62.6 | 10 | 1934 | | 881.431 |
| 3 | 3 | 52.9 | 10 | 1259 | 1963 | 592.492 |
| 4 | 3 | 61.5 | 10 | 1804 | 1390 | 924.693 |
| 5 | 2 | 71 | 10 | 1744 | | 1077.844 |
| 6 | 1 | 58.2 | 10 | | | 532.435 |
| 7 | 2 | 75.7 | 10 | 1710 | | 66.235 |
| 8 | 2 | 55.3 | 10 | 1354 | | 992.856 |
| 9 | 3 | 97.5 | 10 | 1106 | 1929 | 532.427 |
| 10 | 3 | 69.2 | 10 | 1509 | 1011 | 977.818 |
| 11 | 3 | 61.7 | 10 | 1394 | 1815 | 452.609 |

**Type 5 Radar Waveform_10**

| Burst | Number of Pulses | Pulse Width (μ sec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
|---|---|---|---|---|---|---|
| 1 | 3 | 66 | 16 | 1486 | 1736 | 398.093 |
| 2 | 3 | 90.5 | 16 | 1384 | 1554 | 368.75 |
| 3 | 2 | 85 | 16 | 1381 | | 1174.97 |
| 4 | 1 | 60.6 | 16 | | | 1012.09 |
| 5 | 1 | 95.5 | 16 | | | 63.57 |
| 6 | 3 | 96.1 | 16 | 1053 | 1678 | 1000.58 |
| 7 | 3 | 98.8 | 16 | 1442 | 1466 | 552.77 |
| 8 | 1 | 60.3 | 16 | | | 972.15 |
| 9 | 2 | 70.3 | 16 | 1424 | | 766.2 |
| 10 | 3 | 98.1 | 16 | 1738 | 1123 | 1032.3 |

**Type 5 Radar Waveform_11**

| Burst | Number of Pulses | Pulse Width (μ sec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
|---|---|---|---|---|---|---|
| 1 | 1 | 89 | 6 | | | 362.541 |
| 2 | 1 | 86.3 | 6 | | | 233.193 |
| 3 | 2 | 84.5 | 6 | 1167 | | 172.255 |
| 4 | 2 | 53.6 | 6 | 1731 | | 645.923 |
| 5 | 2 | 55.2 | 6 | 1011 | | 677.391 |
| 6 | 2 | 89.9 | 6 | 1730 | | 211.348 |
| 7 | 2 | 58.5 | 6 | 1130 | | 673.096 |
| 8 | 1 | 83.9 | 6 | | | 313.094 |
| 9 | 3 | 91.3 | 6 | 1037 | 1649 | 669.741 |
| 10 | 2 | 92 | 6 | 1741 | | 394.089 |
| 11 | 2 | 57.6 | 6 | 1533 | | 41.096 |
| 12 | 3 | 92.1 | 6 | 1537 | 1319 | 260.664 |
| 13 | 1 | 73 | 6 | | | 385.902 |
| 14 | 1 | 77.4 | 6 | | | 76.239 |
| 15 | 1 | 67.7 | 6 | | | 231.147 |
| 16 | 1 | 73.8 | 6 | | | 93.465 |
| 17 | 2 | 50.7 | 6 | 1863 | | 482.282 |

**Type 5 Radar Waveform_12**

| Burst | Number of Pulses | Pulse Width (μ sec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
|---|---|---|---|---|---|---|
| 1 | 2 | 60.6 | 17 | 1345 | | 54.37 |
| 2 | 2 | 57.1 | 17 | 1602 | | 319.59 |
| 3 | 2 | 63.3 | 17 | 1338 | | 1052.22 |
| 4 | 1 | 90.2 | 17 | | | 628.06 |
| 5 | 2 | 95 | 17 | 1569 | | 540.36 |
| 6 | 1 | 57.9 | 17 | | | 75.16 |
| 7 | 3 | 60.4 | 17 | 1968 | 1117 | 1102.8 |
| 8 | 2 | 84.1 | 17 | 1623 | | 753.2 |

**Type 5 Radar Waveform_13**

| Burst | Number of Pulses | Pulse Width (μ sec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
|---|---|---|---|---|---|---|
| 1 | 1 | 96.3 | 11 | | | 377.736 |
| 2 | 3 | 65.3 | 11 | 1954 | 1401 | 119.601 |
| 3 | 2 | 78 | 11 | 1144 | | 22.177 |
| 4 | 3 | 97.8 | 11 | 1026 | 1784 | 54.19 |
| 5 | 2 | 76.5 | 11 | 1928 | | 212.003 |
| 6 | 1 | 56.2 | 11 | | | 542.577 |
| 7 | 2 | 84.3 | 11 | 1574 | | 139.47 |
| 8 | 1 | 81.3 | 11 | | | 121.173 |
| 9 | 1 | 97.5 | 11 | | | 165.967 |
| 10 | 2 | 91.8 | 11 | 1839 | | 595.95 |
| 11 | 2 | 65.7 | 11 | 1914 | | 516.253 |
| 12 | 3 | 66.4 | 11 | 1076 | 1648 | 601.877 |
| 13 | 3 | 89.5 | 11 | 1034 | 1249 | 236.17 |
| 14 | 2 | 51.5 | 11 | 1410 | | 128.273 |
| 15 | 2 | 93.2 | 11 | 1301 | | 304.157 |
| 16 | 3 | 88.1 | 11 | 1450 | 1367 | 590 |
| 17 | 1 | 62.9 | 11 | | | 78.933 |
| 18 | 3 | 73.5 | 11 | 1948 | 1507 | 184.467 |

**Type 5 Radar Waveform_14**

| Burst | Number of Pulses | Pulse Width (μ sec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
|---|---|---|---|---|---|---|
| 1 | 1 | 84.2 | 18 | | | 120.416 |
| 2 | 2 | 86.1 | 18 | 1681 | | 210.401 |
| 3 | 1 | 62.3 | 18 | | | 383.222 |
| 4 | 3 | 71.2 | 18 | 1721 | 1299 | 487.393 |
| 5 | 1 | 99.9 | 18 | | | 248.574 |
| 6 | 2 | 99.5 | 18 | 1901 | | 331.095 |
| 7 | 2 | 71.4 | 18 | 1760 | | 212.695 |
| 8 | 2 | 72.2 | 18 | 1738 | | 18.706 |
| 9 | 2 | 56.6 | 18 | 1756 | | 315.557 |
| 10 | 1 | 92.9 | 18 | | | 927.518 |
| 11 | 2 | 59.5 | 18 | 1523 | | 354.209 |

**Type 5 Radar Waveform_15**

| Burst | Number of Pulses | Pulse Width (μ sec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
|---|---|---|---|---|---|---|
| 1 | 2 | 61.9 | 5 | 1398 | | 586.736 |
| 2 | 1 | 68.4 | 5 | | | 506.25 |
| 3 | 2 | 76.4 | 5 | 1457 | | 773.45 |
| 4 | 2 | 60.3 | 5 | 1877 | | 471.14 |
| 5 | 2 | 54.8 | 5 | 1099 | | 632.45 |
| 6 | 2 | 86 | 5 | 1671 | | 259.96 |
| 7 | 2 | 75 | 5 | 1504 | | 182.8 |
| 8 | 1 | 93.2 | 5 | | | 689.16 |
| 9 | 1 | 80.6 | 5 | | | 729.21 |
| 10 | 1 | 85.9 | 5 | | | 253.28 |
| 11 | 1 | 62.7 | 5 | | | 516.59 |
| 12 | 1 | 73.3 | 5 | | | 425.76 |
| 13 | 2 | 61.4 | 5 | 1222 | | 746.4 |
| 14 | 2 | 62.3 | 5 | 1825 | | 203.2 |
| 15 | 1 | 85.1 | 5 | | | 328.8 |

**Type 5 Radar Waveform_16**

| Burst | Number of Pulses | Pulse Width (μ sec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
|---|---|---|---|---|---|---|
| 1 | 1 | 64.7 | 14 | | | 540.719 |
| 2 | 1 | 71.4 | 14 | | | 34.591 |
| 3 | 3 | 99.3 | 14 | 1319 | 1444 | 524.634 |
| 4 | 2 | 62.3 | 14 | 1478 | | 771.531 |
| 5 | 3 | 71.7 | 14 | 1378 | 1509 | 182.929 |
| 6 | 1 | 66.8 | 14 | | | 738.406 |
| 7 | 2 | 58.2 | 14 | 1094 | | 584.923 |
| 8 | 1 | 91.6 | 14 | | | 736.69 |
| 9 | 2 | 51.9 | 14 | 1615 | | 454.687 |
| 10 | 1 | 51.4 | 14 | | | 738.314 |
| 11 | 2 | 60.6 | 14 | 1164 | | 598.481 |
| 12 | 2 | 56.6 | 14 | 1413 | | 617.929 |
| 13 | 1 | 84.3 | 14 | | | 442.786 |
| 14 | 2 | 69.8 | 14 | 1447 | | 537.143 |

**Type 5 Radar Waveform_17**

| Burst | Number of Pulses | Pulse Width (μ sec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
|---|---|---|---|---|---|---|
| 1 | 3 | 50.4 | 19 | 1496 | 1263 | 163.965 |
| 2 | 2 | 89.9 | 19 | 1596 | | 1314.887 |
| 3 | 2 | 88 | 19 | 1803 | | 585.323 |
| 4 | 2 | 84 | 19 | 1580 | | 1116.89 |
| 5 | 2 | 76.5 | 19 | 1648 | | 275.107 |
| 6 | 2 | 88.1 | 19 | 1570 | | 78.573 |
| 7 | 3 | 72.7 | 19 | 1659 | 1937 | 1119.88 |
| 8 | 2 | 93.8 | 19 | 1329 | | 913.067 |
| 9 | 2 | 71.1 | 19 | 1501 | | 712.733 |

**Type 5 Radar Waveform_18**

| Burst | Number of Pulses | Pulse Width (μ sec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
|---|---|---|---|---|---|---|
| 1 | 2 | 52.4 | 19 | 1047 | | 153.672 |
| 2 | 2 | 88.3 | 19 | 1697 | | 215.643 |
| 3 | 1 | 65.3 | 19 | | | 906.946 |
| 4 | 2 | 71.2 | 19 | 1852 | | 344.729 |
| 5 | 1 | 90.8 | 19 | | | 742.772 |
| 6 | 3 | 68.9 | 19 | 1996 | 1933 | 747.615 |
| 7 | 2 | 71.3 | 19 | 1822 | | 263.958 |
| 8 | 2 | 94.3 | 19 | 1743 | | 189.322 |
| 9 | 2 | 99.7 | 19 | 1049 | | 596.615 |
| 10 | 3 | 57.6 | 19 | 1657 | 1947 | 323.218 |
| 11 | 3 | 52.2 | 19 | 1107 | 1784 | 823.831 |
| 12 | 1 | 86.1 | 19 | | | 540.154 |
| 13 | 2 | 66.2 | 19 | 1578 | | 213.377 |

**Type 5 Radar Waveform_19**

| Burst | Number of Pulses | Pulse Width (μ sec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
|---|---|---|---|---|---|---|
| 1 | 3 | 85.4 | 16 | 1646 | 1267 | 1362.24 |
| 2 | 1 | 64.9 | 16 | | | 1209.47 |
| 3 | 2 | 73 | 16 | 1271 | | 364.61 |
| 4 | 2 | 53.8 | 16 | 1097 | | 313.17 |
| 5 | 1 | 99.7 | 16 | | | 238.26 |
| 6 | 2 | 97.3 | 16 | 1849 | | 1023.78 |
| 7 | 1 | 68.5 | 16 | | | 602.26 |
| 8 | 2 | 63.7 | 16 | 1981 | | 151 |

**Type 5 Radar Waveform_20**

| Burst | Number of Pulses | Pulse Width (μ sec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
|---|---|---|---|---|---|---|
| 1 | 1 | 52.7 | 15 | | | 827.971 |
| 2 | 2 | 93.6 | 15 | 1004 | | 816.03 |
| 3 | 3 | 62.3 | 15 | 1258 | 1600 | 800.11 |
| 4 | 1 | 70.5 | 15 | | | 886.44 |
| 5 | 2 | 99 | 15 | 1871 | | 864.23 |
| 6 | 2 | 66.8 | 15 | 1421 | | 804.17 |
| 7 | 1 | 54.5 | 15 | | | 192.61 |
| 8 | 2 | 57.3 | 15 | 1896 | | 109.66 |
| 9 | 1 | 66.1 | 15 | | | 83.04 |
| 10 | 2 | 98.6 | 15 | 1320 | | 281.4 |

**Type 5 Radar Waveform_21**

| Burst | Number of Pulses | Pulse Width (μ sec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
|---|---|---|---|---|---|---|
| 1 | 3 | 99 | 11 | 1498 | 1640 | 421.127 |
| 2 | 1 | 94.7 | 11 | | | 552.83 |
| 3 | 1 | 97.3 | 11 | | | 13.99 |
| 4 | 2 | 79.7 | 11 | 1928 | | 536.03 |
| 5 | 3 | 78.4 | 11 | 1802 | 1839 | 70.17 |
| 6 | 2 | 72.4 | 11 | 1821 | | 120.58 |
| 7 | 2 | 59.4 | 11 | 1017 | | 322.94 |
| 8 | 1 | 99.5 | 11 | | | 39.01 |
| 9 | 2 | 85.5 | 11 | 1349 | | 142.36 |
| 10 | 2 | 85.7 | 11 | 1553 | | 414.81 |
| 11 | 2 | 58.3 | 11 | 1502 | | 158.68 |
| 12 | 2 | 51.8 | 11 | 1384 | | 187.67 |
| 13 | 2 | 67.6 | 11 | 1052 | | 408.15 |
| 14 | 2 | 85.5 | 11 | 1694 | | 711.7 |
| 15 | 2 | 65.4 | 11 | 1940 | | 450.5 |
| 16 | 2 | 81.2 | 11 | 1082 | | 733.3 |

**Type 5 Radar Waveform_22**

| Burst | Number of Pulses | Pulse Width (μ sec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
|---|---|---|---|---|---|---|
| 1 | 3 | 65.4 | 12 | 1368 | 1807 | 761.099 |
| 2 | 3 | 55.1 | 12 | 1783 | 1180 | 544.621 |
| 3 | 1 | 62.6 | 12 | | | 541.202 |
| 4 | 2 | 67.9 | 12 | 1552 | | 656.693 |
| 5 | 2 | 51 | 12 | 1920 | | 457.344 |
| 6 | 3 | 58.6 | 12 | 1864 | 1264 | 987.505 |
| 7 | 2 | 79.9 | 12 | 1643 | | 530.925 |
| 8 | 2 | 78.6 | 12 | 1718 | | 697.836 |
| 9 | 1 | 94.4 | 12 | | | 603.597 |
| 10 | 1 | 59.9 | 12 | | | 633.118 |
| 11 | 2 | 68.2 | 12 | 1095 | | 252.709 |

**Type 5 Radar Waveform_23**

| Burst | Number of Pulses | Pulse Width (μ sec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
|---|---|---|---|---|---|---|
| 1 | 2 | 73.9 | 17 | 1584 | | 600.504 |
| 2 | 1 | 64.6 | 17 | | | 570.27 |
| 3 | 2 | 53.8 | 17 | 1176 | | 871.6 |
| 4 | 2 | 85.3 | 17 | 1551 | | 818.44 |
| 5 | 1 | 58.4 | 17 | | | 874.59 |
| 6 | 3 | 74.7 | 17 | 1950 | 1762 | 53.45 |
| 7 | 2 | 82.7 | 17 | 1743 | | 418.55 |
| 8 | 2 | 95.8 | 17 | 1521 | | 970.38 |
| 9 | 1 | 72.3 | 17 | | | 39.81 |
| 10 | 2 | 82.4 | 17 | 1020 | | 401.23 |
| 11 | 2 | 50.4 | 17 | 1008 | | 567.1 |
| 12 | 3 | 98.4 | 17 | 1066 | 1617 | 1.2 |

**Type 5 Radar Waveform_24**

| Burst | Number of Pulses | Pulse Width (μ sec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
|---|---|---|---|---|---|---|
| 1 | 2 | 84 | 10 | 1234 | | 453.546 |
| 2 | 2 | 57.8 | 10 | 1032 | | 528.48 |
| 3 | 2 | 85.4 | 10 | 1636 | | 550.63 |
| 4 | 2 | 86 | 10 | 1276 | | 724.66 |
| 5 | 2 | 81.3 | 10 | 1286 | | 565.04 |
| 6 | 2 | 100 | 10 | 1866 | | 703.08 |
| 7 | 3 | 57.9 | 10 | 1360 | 1155 | 793.2 |
| 8 | 3 | 84.5 | 10 | 1984 | 1560 | 727.52 |
| 9 | 1 | 80.9 | 10 | | | 424.37 |
| 10 | 3 | 53.2 | 10 | 1746 | 1942 | 556.72 |
| 11 | 2 | 61.8 | 10 | 1391 | | 52.43 |
| 12 | 1 | 85.6 | 10 | | | 491.24 |
| 13 | 1 | 86.7 | 10 | | | 303.29 |
| 14 | 2 | 61.7 | 10 | 1026 | | 579.1 |
| 15 | 1 | 92.1 | 10 | | | 274.5 |

**Type 5 Radar Waveform_25**

| Burst | Number of Pulses | Pulse Width (μ sec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
|---|---|---|---|---|---|---|
| 1 | 2 | 61.9 | 7 | 1265 | | 98.818 |
| 2 | 1 | 59.7 | 7 | | | 284.107 |
| 3 | 2 | 58.2 | 7 | 1485 | | 274.894 |
| 4 | 3 | 74.9 | 7 | 1468 | 1419 | 269.171 |
| 5 | 2 | 51.7 | 7 | 1220 | | 247.539 |
| 6 | 2 | 57 | 7 | 1065 | | 439.576 |
| 7 | 3 | 66.3 | 7 | 1804 | 1860 | 497.033 |
| 8 | 3 | 63.3 | 7 | 1494 | 1850 | 735.51 |
| 9 | 1 | 71.1 | 7 | | | 470.417 |
| 10 | 2 | 99.1 | 7 | 1650 | | 80.384 |
| 11 | 1 | 55.7 | 7 | | | 29.701 |
| 12 | 2 | 69.6 | 7 | 1079 | | 231.599 |
| 13 | 2 | 96 | 7 | 1538 | | 521.586 |
| 14 | 2 | 75.8 | 7 | 1429 | | 483.043 |

**Type 5 Radar Waveform_26**

| Burst | Number of Pulses | Pulse Width (μ sec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
|---|---|---|---|---|---|---|
| 1 | 2 | 73.8 | 14 | 1121 | | 586.54 |
| 2 | 2 | 68 | 14 | 1933 | | 19.551 |
| 3 | 2 | 95.1 | 14 | 1746 | | 725.356 |
| 4 | 2 | 76.2 | 14 | 1621 | | 616.729 |
| 5 | 1 | 51 | 14 | | | 468.802 |
| 6 | 1 | 54.4 | 14 | | | 749.685 |
| 7 | 1 | 81.3 | 14 | | | 554.538 |
| 8 | 2 | 59.6 | 14 | 1292 | | 151.032 |
| 9 | 2 | 67.3 | 14 | 1909 | | 650.055 |
| 10 | 2 | 55.1 | 14 | 1177 | | 5.838 |
| 11 | 2 | 91.8 | 14 | 1677 | | 794.831 |
| 12 | 1 | 59.9 | 14 | | | 820.154 |
| 13 | 1 | 71.6 | 14 | | | 899.977 |

**Type 5 Radar Waveform_27**

| Burst | Number of Pulses | Pulse Width (μ sec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
|---|---|---|---|---|---|---|
| 1 | 3 | 96.7 | 12 | 1154 | 1153 | 62.095 |
| 2 | 2 | 81.9 | 12 | 1668 | | 484.088 |
| 3 | 1 | 95.1 | 12 | | | 34.015 |
| 4 | 2 | 68.5 | 12 | 1836 | | 393.353 |
| 5 | 2 | 68.4 | 12 | 1172 | | 196.181 |
| 6 | 1 | 59.4 | 12 | | | 439.558 |
| 7 | 3 | 99.7 | 12 | 1030 | 1839 | 269.676 |
| 8 | 2 | 96.5 | 12 | 1655 | | 31.844 |
| 9 | 3 | 53.6 | 12 | 1779 | 1134 | 691.601 |
| 10 | 2 | 52.6 | 12 | 1708 | | 579.409 |
| 11 | 2 | 77 | 12 | 1103 | | 356.636 |
| 12 | 3 | 91.4 | 12 | 1278 | 1334 | 456.554 |
| 13 | 3 | 93.5 | 12 | 1626 | 1242 | 643.012 |
| 14 | 2 | 75.2 | 12 | 1108 | | 664.509 |
| 15 | 3 | 71.2 | 12 | 1491 | 1670 | 124.247 |
| 16 | 3 | 76.9 | 12 | 1075 | 1119 | 436.365 |
| 17 | 1 | 62.4 | 12 | | | 328.682 |

**Type 5 Radar Waveform_28**

| Burst | Number of Pulses | Pulse Width (μ sec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
|---|---|---|---|---|---|---|
| 1 | 2 | 80.4 | 13 | 1902 | | 12.03 |
| 2 | 1 | 74.4 | 13 | | | 1109.88 |
| 3 | 2 | 89.7 | 13 | 1790 | | 153.62 |
| 4 | 3 | 99.4 | 13 | 1081 | 1950 | 273.78 |
| 5 | 2 | 58.7 | 13 | 1047 | | 252.07 |
| 6 | 1 | 80 | 13 | | | 920.2 |
| 7 | 2 | 51.9 | 13 | 1215 | | 618.23 |
| 8 | 1 | 74.1 | 13 | | | 1007.78 |
| 9 | 1 | 81.6 | 13 | | | 215.97 |
| 10 | 2 | 54.1 | 13 | 1848 | | 20.9 |

**Type 5 Radar Waveform_29**

| Burst | Number of Pulses | Pulse Width (μ sec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
|---|---|---|---|---|---|---|
| 1 | 2 | 97.3 | 5 | 1813 | | 893.324 |
| 2 | 1 | 93.5 | 5 | | | 464.687 |
| 3 | 3 | 79.1 | 5 | 1002 | 1127 | 422.313 |
| 4 | 1 | 67.8 | 5 | | | 709.86 |
| 5 | 2 | 92.9 | 5 | 1111 | | 646.607 |
| 6 | 2 | 84.3 | 5 | 1403 | | 504.683 |
| 7 | 2 | 71.4 | 5 | 1769 | | 555.28 |
| 8 | 2 | 90.1 | 5 | 1866 | | 377.077 |
| 9 | 1 | 90.9 | 5 | | | 204.633 |

**Type 5 Radar Waveform_30**

| Burst | Number of Pulses | Pulse Width (μ sec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
|---|---|---|---|---|---|---|
| 1 | 2 | 91.4 | 18 | 1427 | | 308.541 |
| 2 | 2 | 96.1 | 18 | 1892 | | 83.971 |
| 3 | 1 | 63.2 | 18 | | | 259.01 |
| 4 | 2 | 56.9 | 18 | 1904 | | 355.37 |
| 5 | 1 | 92.6 | 18 | | | 314.24 |
| 6 | 2 | 88.3 | 18 | 1679 | | 165.25 |
| 7 | 2 | 63.1 | 18 | 1798 | | 232.71 |
| 8 | 2 | 53.1 | 18 | 1036 | | 575.96 |
| 9 | 1 | 82.3 | 18 | | | 319.34 |
| 10 | 2 | 70.3 | 18 | 1738 | | 728.57 |
| 11 | 1 | 55.7 | 18 | | | 368.92 |
| 12 | 1 | 60.8 | 18 | | | 154.79 |
| 13 | 1 | 91.1 | 18 | | | 449.6 |
| 14 | 1 | 55 | 18 | | | 360 |
| 15 | 3 | 78.7 | 18 | 1414 | 1420 | 663.4 |
| 16 | 2 | 65.6 | 18 | 1945 | | 235.7 |

Radar Type 6 - Radar Statistical Performance

| Trail # | Test Freq. (MHz) | 1=Detection 0=No Detection | Trail # | Test Freq. (MHz) | 1=Detection 0=No Detection |
|---|---|---|---|---|---|
| 1 | 5580.4 | 1 | 16 | 5576.5 | 1 |
| 2 | 5580.9 | 1 | 17 | 5575.7 | 1 |
| 3 | 5581.3 | 1 | 18 | 5574.9 | 1 |
| 4 | 5582.7 | 1 | 19 | 5573.1 | 1 |
| 5 | 5583.6 | 1 | 20 | 5572.2 | 1 |
| 6 | 5584.6 | 1 | 21 | 5571.4 | 1 |
| 7 | 5585.2 | 1 | 22 | 5571.6 | 1 |
| 8 | 5586.1 | 1 | 23 | 5572.8 | 1 |
| 9 | 5587.8 | 1 | 24 | 5574.3 | 1 |
| 10 | 5588.3 | 1 | 25 | 5577.7 | 1 |
| 11 | 5589.7 | 1 | 26 | 5580.2 | 1 |
| 12 | 5579.2 | 1 | 27 | 5583.1 | 1 |
| 13 | 5579.4 | 1 | 28 | 5586.6 | 1 |
| 14 | 5578.6 | 1 | 29 | 5589.3 | 1 |
| 15 | 5577.3 | 1 | 30 | 5575.8 | 1 |
| Detection Percentage (%) | | | | | 100% |

| Radar waveform #1 | | | Radar waveform #2 | | |
|---|---|---|---|---|---|
| Hopping Number | Frequency (MHz) | Pulse Start (ms) | Hopping Number | Frequency (MHz) | Pulse Start (ms) |
| 15 | 5521 | 45 | 16 | 5539 | 48 |
| 42 | 5529 | 126 | 41 | 5522 | 123 |
| 44 | 5525 | 132 | 64 | 5531 | 192 |
| 61 | 5536 | 183 | 78 | 5523 | 234 |
| 100 | 5540 | 300 | -- | -- | -- |

| Radar waveform #3 | | | Radar waveform #4 | | |
|---|---|---|---|---|---|
| Hopping Number | Frequency (MHz) | Pulse Start (ms) | Hopping Number | Frequency (MHz) | Pulse Start (ms) |
| 7 | 5530 | 21 | 6 | 5532 | 18 |
| 93 | 5539 | 279 | 34 | 5537 | 102 |
| -- | -- | -- | 64 | 5534 | 192 |
| -- | -- | -- | 80 | 5525 | 240 |

| Radar waveform #5 | | | Radar waveform #6 | | |
|---|---|---|---|---|---|
| Hopping Number | Frequency (MHz) | Pulse Start (ms) | Hopping Number | Frequency (MHz) | Pulse Start (ms) |
| 18 | 5525 | 54 | 28 | 5536 | 84 |
| 47 | 5523 | 141 | 55 | 5520 | 165 |
| 49 | 5521 | 147 | 85 | 5525 | 255 |
| 92 | 5533 | 276 | 93 | 5537 | 279 |

| Radar waveform #7 | | | Radar waveform #8 | | |
|---|---|---|---|---|---|
| Hopping Number | Frequency (MHz) | Pulse Start (ms) | Hopping Number | Frequency (MHz) | Pulse Start (ms) |
| 16 | 5526 | 48 | 12 | 5530 | 36 |
| 42 | 5528 | 126 | 19 | 5528 | 57 |
| 57 | 5534 | 171 | 55 | 5529 | 165 |
| 74 | 5530 | 222 | 76 | 5539 | 228 |
| 81 | 5535 | 243 | 90 | 5532 | 270 |
| 87 | 5538 | 261 | -- | -- | -- |

| Radar waveform #9 | | | Radar waveform #10 | | |
|---|---|---|---|---|---|
| Hopping Number | Frequency (MHz) | Pulse Start (ms) | Hopping Number | Frequency (MHz) | Pulse Start (ms) |
| 19 | 5534 | 57 | 90 | 5528 | 270 |
| 22 | 5523 | 66 | 100 | 5527 | 300 |
| 45 | 5529 | 135 | -- | -- | -- |
| 79 | 5520 | 237 | -- | -- | -- |
| 87 | 5530 | 261 | -- | -- | -- |

| Radar waveform #11 | | | Radar waveform #12 | | |
|---|---|---|---|---|---|
| Hopping Number | Frequency (MHz) | Pulse Start (ms) | Frequency (MHz) | Hopping Number | Pulse Start (ms) |
| 3 | 5526 | 9 | 36 | 5524 | 108 |
| 14 | 5529 | 42 | 56 | 5532 | 168 |
| 57 | 5520 | 171 | 82 | 5530 | 246 |

| Radar waveform #13 | | | Radar waveform #14 | | |
|---|---|---|---|---|---|
| Hopping Number | Frequency (MHz) | Pulse Start (ms) | Hopping Number | Frequency (MHz) | Pulse Start (ms) |
| 22 | 5536 | 66 | 7 | 5525 | 21 |
| 25 | 5539 | 75 | 13 | 5539 | 39 |
| 34 | 5529 | 102 | 24 | 5522 | 72 |
| 51 | 5535 | 153 | 28 | 5521 | 84 |
| 71 | 5525 | 213 | 71 | 5524 | 213 |

| Radar waveform #15 | | | Radar waveform #16 | | |
|---|---|---|---|---|---|
| Hopping Number | Frequency (MHz) | Pulse Start (ms) | Hopping Number | Frequency (MHz) | Pulse Start (ms) |
| 7 | 5527 | 21 | 24 | 5523 | 72 |
| 40 | 5523 | 120 | 30 | 5536 | 90 |
| 62 | 5522 | 186 | 39 | 5529 | 117 |
| 67 | 5539 | 201 | 90 | 5538 | 270 |
| 88 | 5525 | 264 | -- | -- | -- |
| 89 | 5531 | 267 | -- | -- | -- |

| Radar waveform #17 | | | Radar waveform #18 | | |
|---|---|---|---|---|---|
| Hopping Number | Frequency (MHz) | Pulse Start (ms) | Hopping Number | Frequency (MHz) | Pulse Start (ms) |
| 14 | 5521 | 42 | 60 | 5531 | 180 |
| 31 | 5525 | 93 | 96 | 5520 | 288 |
| 88 | 5533 | 264 | -- | -- | -- |

| Radar waveform #19 | | | Radar waveform #20 | | |
|---|---|---|---|---|---|
| Hopping Number | Frequency (MHz) | Pulse Start (ms) | Hopping Number | Frequency (MHz) | Pulse Start (ms) |
| 30 | 5528 | 90 | 5 | 5528 | 15 |
| 32 | 5536 | 96 | 23 | 5525 | 69 |
| 43 | 5537 | 129 | 26 | 5535 | 78 |
| 66 | 5524 | 198 | 53 | 5534 | 159 |
| 67 | 5534 | 201 | 62 | 5536 | 186 |
| 81 | 5526 | 243 | -- | -- | -- |

| Radar waveform #21 | | | Radar waveform #22 | | |
|---|---|---|---|---|---|
| Hopping Number | Frequency (MHz) | Pulse Start (ms) | Hopping Number | Frequency (MHz) | Pulse Start (ms) |
| 6 | 5521 | 18 | 38 | 5528 | 114 |
| 7 | 5537 | 21 | 52 | 5532 | 156 |
| 8 | 5522 | 24 | 81 | 5526 | 243 |
| 36 | 5527 | 108 | -- | -- | -- |
| 53 | 5528 | 159 | -- | -- | -- |
| 63 | 5535 | 189 | -- | -- | -- |
| 67 | 5532 | 201 | -- | -- | -- |
| 70 | 5525 | 210 | -- | -- | -- |
| 80 | 5520 | 240 | -- | -- | -- |

| Radar waveform #23 | | | Radar waveform #24 | | |
|---|---|---|---|---|---|
| Hopping Number | Frequency (MHz) | Pulse Start (ms) | Hopping Number | Frequency (MHz) | Pulse Start (ms) |
| 1 | 5534 | 3 | 1 | 5531 | 3 |
| 55 | 5524 | 165 | 4 | 5528 | 12 |
| -- | -- | -- | 15 | 5538 | 45 |
| -- | -- | -- | 46 | 5527 | 138 |
| -- | -- | -- | 62 | 5534 | 186 |
| -- | -- | -- | 63 | 5529 | 189 |
| -- | -- | -- | 86 | 5520 | 258 |

| Radar waveform #25 | | | Radar waveform #26 | | |
|---|---|---|---|---|---|
| Hopping Number | Frequency (MHz) | Pulse Start (ms) | Hopping Number | Frequency (MHz) | Pulse Start (ms) |
| 36 | 5534 | 108 | 1 | 5532 | 3 |
| 45 | 5535 | 135 | 4 | 5520 | 12 |
| 58 | 5524 | 174 | 20 | 5534 | 60 |
| 79 | 5532 | 237 | 38 | 5523 | 114 |
| -- | -- | -- | 61 | 5524 | 183 |
| -- | -- | -- | 88 | 5529 | 264 |
| -- | -- | -- | 94 | 5522 | 282 |

| Radar waveform #27 | | | Radar waveform #28 | | |
|---|---|---|---|---|---|
| Hopping Number | Frequency (MHz) | Pulse Start (ms) | Hopping Number | Frequency (MHz) | Pulse Start (ms) |
| 1 | 5540 | 3 | 8 | 5523 | 24 |
| 23 | 5535 | 69 | 22 | 5535 | 66 |
| 53 | 5520 | 159 | 49 | 5522 | 147 |
| -- | -- | -- | 82 | 5524 | 246 |
| -- | -- | -- | 99 | 5526 | 297 |

| Radar waveform #29 | | | Radar waveform #30 | | |
|---|---|---|---|---|---|
| Hopping Number | Frequency (MHz) | Pulse Start (ms) | Hopping Number | Frequency (MHz) | Pulse Start (ms) |
| 47 | 5540 | 141 | 9 | 5536 | 27 |
| 62 | 5522 | 186 | 11 | 5531 | 33 |
| 95 | 5526 | 285 | 27 | 5522 | 81 |
| -- | -- | -- | 43 | 5521 | 129 |

# 7. CONCLUSION

The data collected relate only the item(s) tested and show that the device is in compliance with Part 15E of the FCC Rules.

The End

# Appendix A - Test Setup Photograph

Refer to “2010TW0003-UT” file.

# Appendix B - EUT Photograph

Refer to “ 2010TW0003-UE” file.