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*CP/CPK Analysis Report*

*Processed Data = 163*



All Curve - Ori Limits

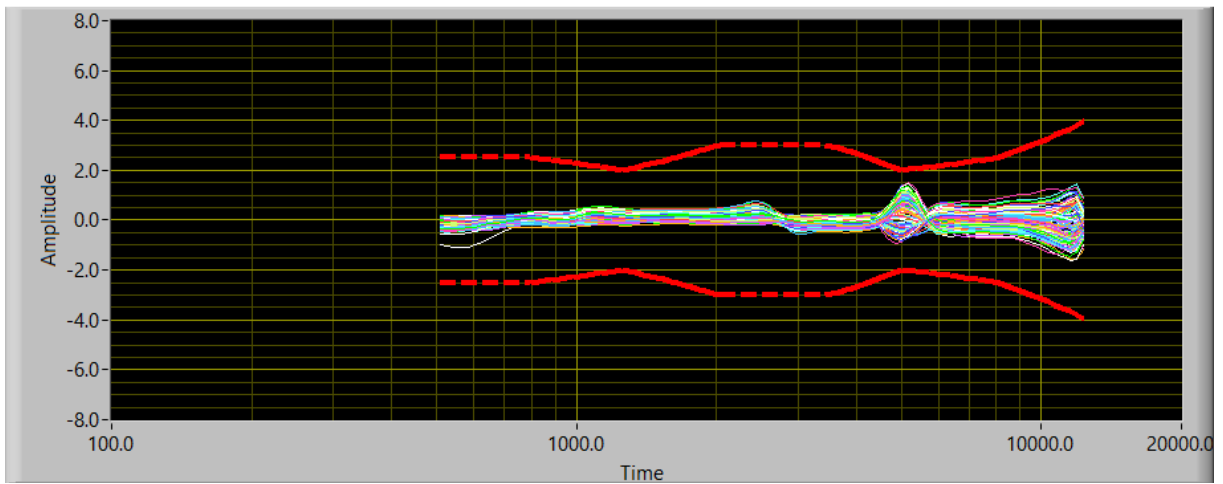


Figure1 All Curve - Ori Limits

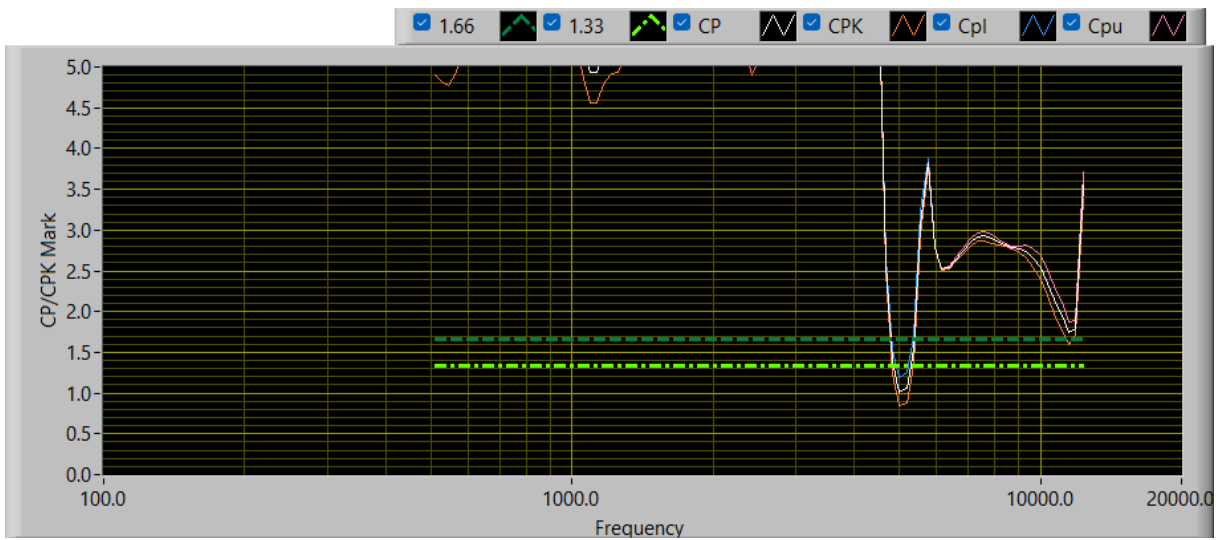


Figure2 CP/CPK - Ori Limits

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 509.176   | -2.5000    | 2.5000     | 5.292 | 4.906 | 4.906 | 5.677 |
| 527.139   | -2.5000    | 2.5000     | 5.180 | 4.826 | 4.826 | 5.534 |
| 545.674   | -2.5000    | 2.5000     | 5.128 | 4.777 | 4.777 | 5.478 |
| 564.925   | -2.5000    | 2.5000     | 5.297 | 4.936 | 4.936 | 5.657 |
| 584.855   | -2.5000    | 2.5000     | 5.729 | 5.363 | 5.363 | 6.095 |
| 605.419   | -2.5000    | 2.5000     | 6.384 | 6.039 | 6.039 | 6.729 |
| 626.777   | -2.5000    | 2.5000     | 7.158 | 6.870 | 6.870 | 7.446 |
| 648.889   | -2.5000    | 2.5000     | 8.009 | 7.800 | 7.800 | 8.219 |
| 671.705   | -2.5000    | 2.5000     | 8.866 | 8.744 | 8.744 | 8.988 |
| 695.402   | -2.5000    | 2.5000     | 9.348 | 9.326 | 9.326 | 9.369 |
| 719.935   | -2.5000    | 2.5000     | 9.274 | 9.187 | 9.360 | 9.187 |
| 745.248   | -2.5000    | 2.5000     | 8.849 | 8.652 | 9.046 | 8.652 |
| 771.540   | -2.5000    | 2.5000     | 8.245 | 7.962 | 8.528 | 7.962 |
| 798.667   | -2.5000    | 2.5000     | 7.711 | 7.378 | 8.044 | 7.378 |

|          |         |        |       |       |       |       |
|----------|---------|--------|-------|-------|-------|-------|
| 826.844  | -2.4702 | 2.4702 | 7.256 | 6.934 | 7.578 | 6.934 |
| 856.014  | -2.4378 | 2.4378 | 6.800 | 6.527 | 7.073 | 6.527 |
| 886.112  | -2.4043 | 2.4043 | 6.261 | 6.049 | 6.473 | 6.049 |
| 917.373  | -2.3696 | 2.3696 | 5.928 | 5.752 | 6.105 | 5.752 |
| 949.737  | -2.3336 | 2.3336 | 5.920 | 5.732 | 6.108 | 5.732 |
| 983.130  | -2.2965 | 2.2965 | 6.041 | 5.794 | 6.289 | 5.794 |
| 1017.814 | -2.2580 | 2.2580 | 5.825 | 5.501 | 6.149 | 5.501 |
| 1053.721 | -2.2181 | 2.2181 | 5.288 | 4.921 | 5.656 | 4.921 |
| 1090.771 | -2.1769 | 2.1769 | 4.941 | 4.568 | 5.313 | 4.568 |
| 1129.252 | -2.1342 | 2.1342 | 4.942 | 4.568 | 5.317 | 4.568 |
| 1168.957 | -2.0900 | 2.0900 | 5.167 | 4.787 | 5.547 | 4.787 |
| 1210.197 | -2.0442 | 2.0442 | 5.308 | 4.923 | 5.693 | 4.923 |
| 1252.891 | -2.0039 | 2.0039 | 5.324 | 4.940 | 5.708 | 4.940 |
| 1296.944 | -2.0626 | 2.0626 | 5.534 | 5.145 | 5.922 | 5.145 |
| 1342.698 | -2.1236 | 2.1236 | 5.693 | 5.301 | 6.084 | 5.301 |
| 1390.067 | -2.1868 | 2.1868 | 5.827 | 5.432 | 6.222 | 5.432 |
| 1438.943 | -2.2519 | 2.2519 | 5.964 | 5.562 | 6.366 | 5.562 |
| 1489.708 | -2.3196 | 2.3196 | 6.115 | 5.702 | 6.528 | 5.702 |
| 1542.263 | -2.3897 | 2.3897 | 6.283 | 5.850 | 6.716 | 5.850 |
| 1596.490 | -2.4620 | 2.4620 | 6.448 | 5.996 | 6.901 | 5.996 |
| 1652.812 | -2.5371 | 2.5371 | 6.603 | 6.153 | 7.054 | 6.153 |
| 1711.122 | -2.6148 | 2.6148 | 6.761 | 6.332 | 7.190 | 6.332 |
| 1771.286 | -2.6950 | 2.6950 | 6.911 | 6.522 | 7.300 | 6.522 |
| 1833.775 | -2.7784 | 2.7784 | 7.003 | 6.646 | 7.361 | 6.646 |
| 1898.252 | -2.8643 | 2.8643 | 7.075 | 6.741 | 7.409 | 6.741 |
| 1965.220 | -2.9536 | 2.9536 | 7.080 | 6.770 | 7.389 | 6.770 |
| 2034.551 | -3.0000 | 3.0000 | 6.955 | 6.652 | 7.258 | 6.652 |
| 2106.087 | -3.0000 | 3.0000 | 6.685 | 6.367 | 7.003 | 6.367 |
| 2180.387 | -3.0000 | 3.0000 | 6.357 | 6.025 | 6.690 | 6.025 |
| 2257.309 | -3.0000 | 3.0000 | 5.974 | 5.625 | 6.323 | 5.625 |
| 2336.678 | -3.0000 | 3.0000 | 5.571 | 5.205 | 5.937 | 5.205 |
| 2419.113 | -3.0000 | 3.0000 | 5.288 | 4.910 | 5.667 | 4.910 |
| 2504.457 | -3.0000 | 3.0000 | 5.448 | 5.061 | 5.835 | 5.061 |
| 2592.515 | -3.0000 | 3.0000 | 6.546 | 6.168 | 6.923 | 6.168 |
| 2683.976 | -3.0000 | 3.0000 | 8.867 | 8.584 | 9.151 | 8.584 |
| 2778.347 | -3.0000 | 3.0000 | 9.347 | 9.336 | 9.359 | 9.336 |
| 2876.364 | -3.0000 | 3.0000 | 7.773 | 7.588 | 7.588 | 7.959 |
| 2977.839 | -3.0000 | 3.0000 | 7.057 | 6.798 | 6.798 | 7.316 |
| 3082.542 | -3.0000 | 3.0000 | 6.975 | 6.696 | 6.696 | 7.254 |
| 3191.291 | -3.0000 | 3.0000 | 7.097 | 6.825 | 6.825 | 7.368 |
| 3303.876 | -3.0000 | 3.0000 | 7.217 | 6.961 | 6.961 | 7.472 |
| 3420.042 | -3.0000 | 3.0000 | 7.263 | 7.027 | 7.027 | 7.498 |
| 3540.698 | -2.9729 | 2.9729 | 7.157 | 6.933 | 6.933 | 7.382 |
| 3665.609 | -2.8896 | 2.8896 | 6.863 | 6.622 | 6.622 | 7.105 |
| 3794.495 | -2.8037 | 2.8037 | 6.557 | 6.302 | 6.302 | 6.812 |
| 3928.361 | -2.7144 | 2.7144 | 6.292 | 6.029 | 6.029 | 6.555 |

|           |         |        |       |       |       |       |
|-----------|---------|--------|-------|-------|-------|-------|
| 4066.485  | -2.6223 | 2.6223 | 6.166 | 5.916 | 5.916 | 6.416 |
| 4209.946  | -2.5267 | 2.5267 | 6.250 | 6.058 | 6.058 | 6.442 |
| 4358.468  | -2.4277 | 2.4277 | 6.793 | 6.635 | 6.635 | 6.950 |
| 4511.715  | -2.3255 | 2.3255 | 5.791 | 5.769 | 5.769 | 5.812 |
| 4670.883  | -2.2194 | 2.2194 | 2.582 | 2.495 | 2.670 | 2.495 |
| 4835.667  | -2.1096 | 2.1096 | 1.384 | 1.241 | 1.527 | 1.241 |
| 5005.692  | -2.0009 | 2.0009 | 1.016 | 0.845 | 1.188 | 0.845 |
| 5182.288  | -2.0304 | 2.0304 | 1.067 | 0.887 | 1.246 | 0.887 |
| 5365.113  | -2.0609 | 2.0609 | 1.527 | 1.353 | 1.701 | 1.353 |
| 5553.754  | -2.0923 | 2.0923 | 3.069 | 2.915 | 3.223 | 2.915 |
| 5749.685  | -2.1249 | 2.1249 | 3.825 | 3.782 | 3.869 | 3.782 |
| 5951.848  | -2.1586 | 2.1586 | 2.786 | 2.781 | 2.781 | 2.791 |
| 6161.822  | -2.1936 | 2.1936 | 2.516 | 2.513 | 2.513 | 2.520 |
| 6379.205  | -2.2299 | 2.2299 | 2.546 | 2.532 | 2.532 | 2.560 |
| 6603.502  | -2.2673 | 2.2673 | 2.640 | 2.616 | 2.616 | 2.664 |
| 6836.466  | -2.3061 | 2.3061 | 2.736 | 2.696 | 2.696 | 2.776 |
| 7077.649  | -2.3463 | 2.3463 | 2.845 | 2.798 | 2.798 | 2.891 |
| 7326.505  | -2.3878 | 2.3878 | 2.918 | 2.865 | 2.865 | 2.971 |
| 7584.976  | -2.4308 | 2.4308 | 2.930 | 2.874 | 2.874 | 2.986 |
| 7852.564  | -2.4754 | 2.4754 | 2.894 | 2.836 | 2.836 | 2.951 |
| 8128.667  | -2.5429 | 2.5429 | 2.850 | 2.811 | 2.811 | 2.888 |
| 8415.437  | -2.6385 | 2.6385 | 2.817 | 2.803 | 2.803 | 2.832 |
| 8711.331  | -2.7371 | 2.7371 | 2.789 | 2.771 | 2.771 | 2.808 |
| 9018.656  | -2.8396 | 2.8396 | 2.762 | 2.720 | 2.720 | 2.805 |
| 9336.824  | -2.9456 | 2.9456 | 2.732 | 2.655 | 2.655 | 2.810 |
| 9665.114  | -3.0550 | 3.0550 | 2.662 | 2.549 | 2.549 | 2.776 |
| 10006.089 | -3.1687 | 3.1687 | 2.534 | 2.389 | 2.389 | 2.679 |
| 10359.092 | -3.2864 | 3.2864 | 2.352 | 2.191 | 2.191 | 2.512 |
| 10723.326 | -3.4078 | 3.4078 | 2.144 | 1.975 | 1.975 | 2.314 |
| 11101.633 | -3.5339 | 3.5339 | 1.949 | 1.777 | 1.777 | 2.121 |
| 11493.285 | -3.6644 | 3.6644 | 1.738 | 1.596 | 1.596 | 1.881 |
| 11897.398 | -3.7991 | 3.7991 | 1.798 | 1.706 | 1.706 | 1.890 |
| 12317.125 | -3.9390 | 3.9390 | 3.552 | 3.389 | 3.389 | 3.714 |

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 509.176   | -2.5000    | 2.5000     | 5.292 | 4.906 | 4.906 | 5.677 |

Distribution Chart

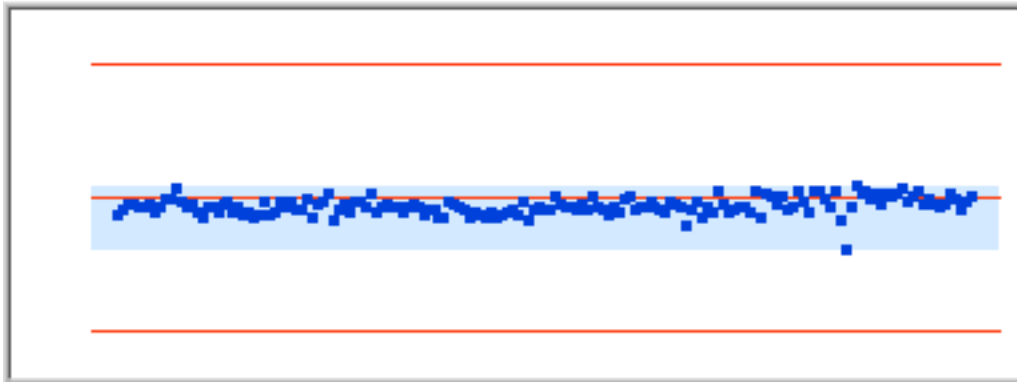


Figure3 Distribution 509.176Hz

Bar Chart

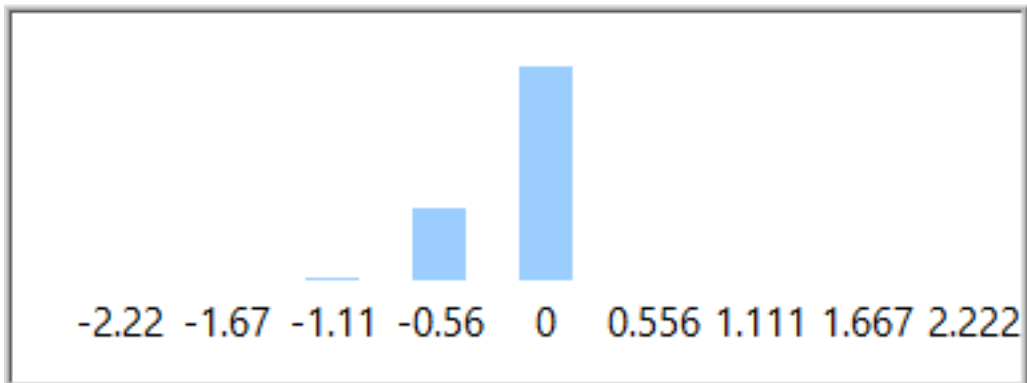


Figure4 Bar Chart 509.176Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 527.139   | -2.5000    | 2.5000     | 5.180 | 4.826 | 4.826 | 5.534 |

Distribution Chart

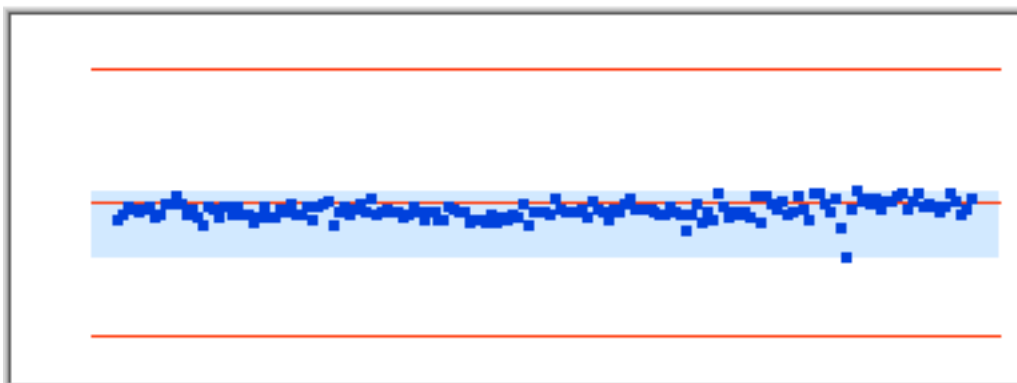


Figure5 Distribution 527.139Hz

Bar Chart

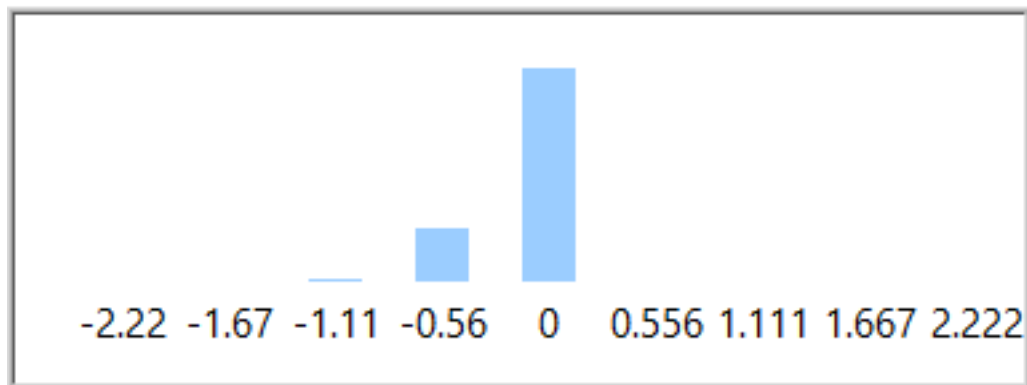


Figure6 Bar Chart 527.139Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 545.674   | -2.5000    | 2.5000     | 5.128 | 4.777 | 4.777 | 5.478 |

Distribution Chart

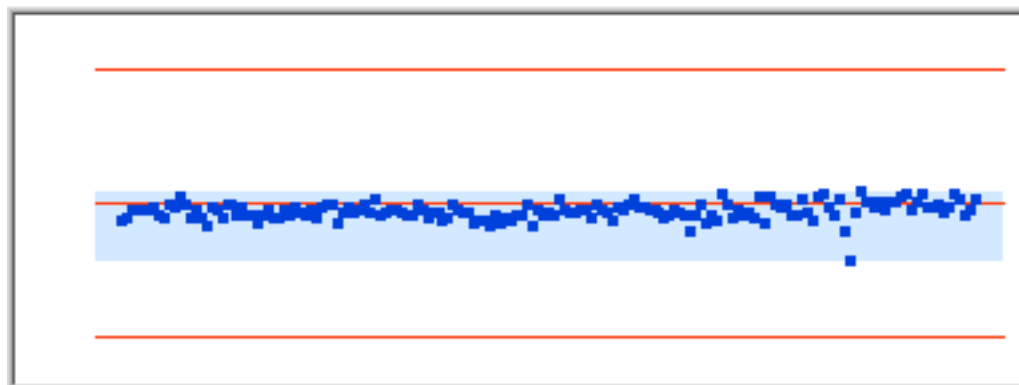


Figure7 Distribution 545.674Hz

Bar Chart

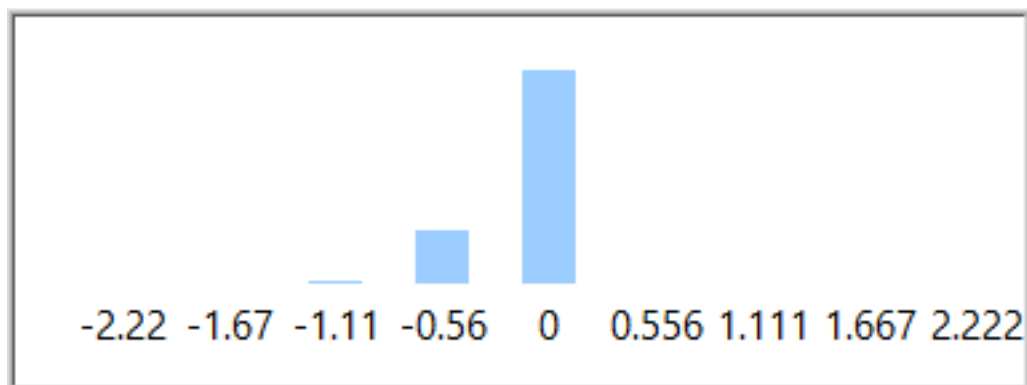


Figure8 Bar Chart 545.674Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 545.674   | -2.5000    | 2.5000     | 5.128 | 4.777 | 4.777 | 5.478 |

|         |         |        |       |       |       |       |
|---------|---------|--------|-------|-------|-------|-------|
| 564.925 | -2.5000 | 2.5000 | 5.297 | 4.936 | 4.936 | 5.657 |
|---------|---------|--------|-------|-------|-------|-------|

Distribution Chart

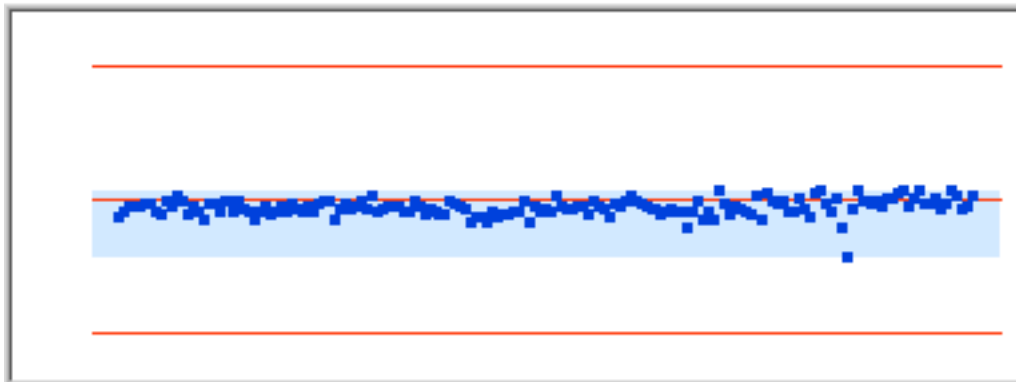


Figure9 Distribution 564.925Hz

Bar Chart

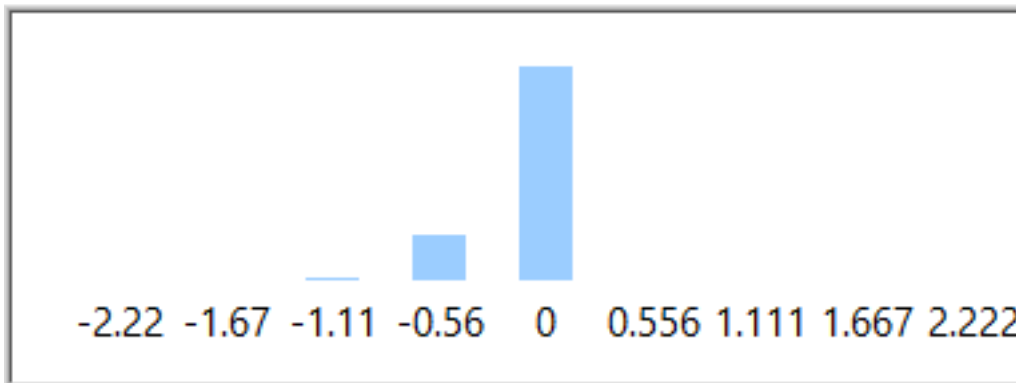


Figure10 Bar Chart 564.925Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 584.855   | -2.5000    | 2.5000     | 5.729 | 5.363 | 5.363 | 6.095 |

Distribution Chart

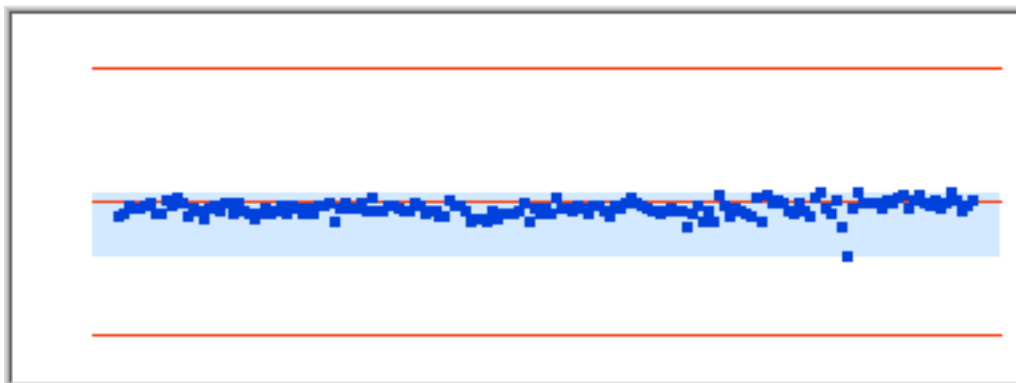


Figure11 Distribution 584.855Hz

Bar Chart

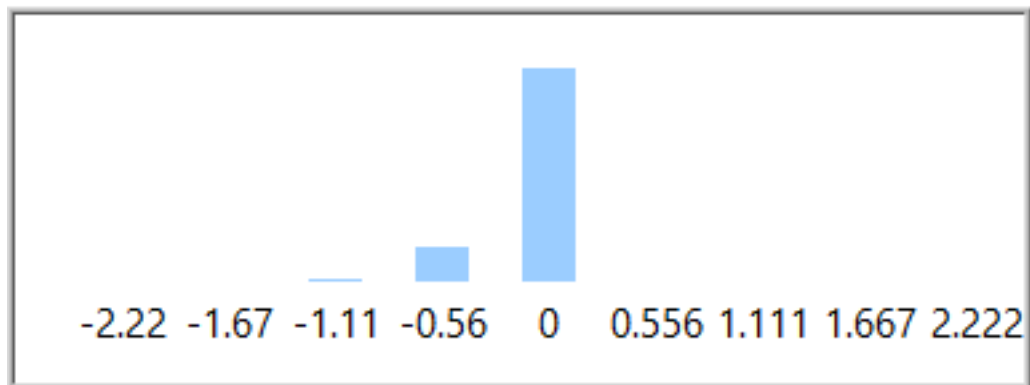


Figure12 Bar Chart 584.855Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 605.419   | -2.5000    | 2.5000     | 6.384 | 6.039 | 6.039 | 6.729 |

Distribution Chart

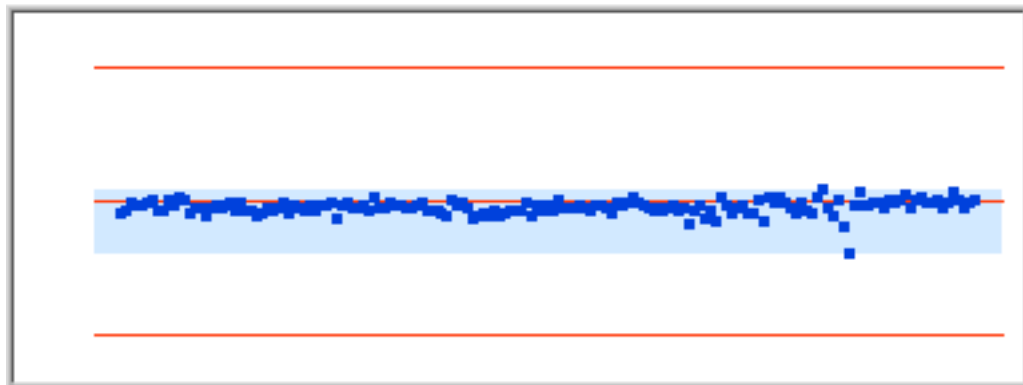


Figure13 Distribution 605.419Hz

Bar Chart

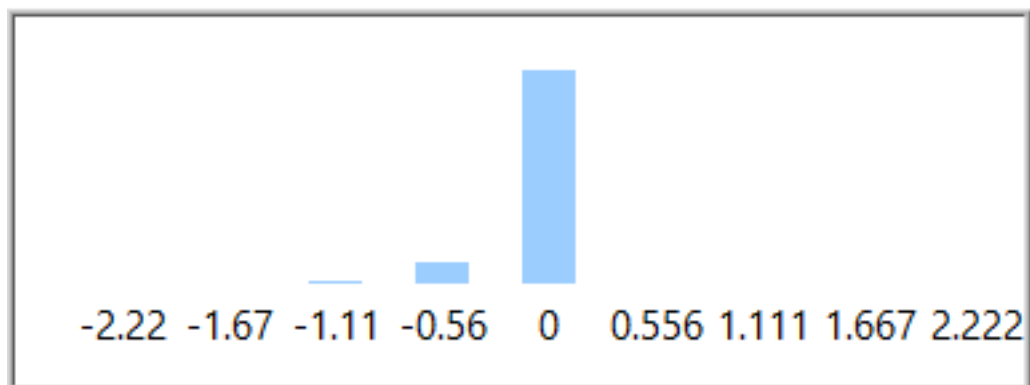


Figure14 Bar Chart 605.419Hz

| Frequency | LowerLimit | UpperLimit | CP | CPK | Cpl | Cpu |
|-----------|------------|------------|----|-----|-----|-----|
|-----------|------------|------------|----|-----|-----|-----|

|         |         |        |       |       |       |       |
|---------|---------|--------|-------|-------|-------|-------|
| 626.777 | -2.5000 | 2.5000 | 7.158 | 6.870 | 6.870 | 7.446 |
|---------|---------|--------|-------|-------|-------|-------|

Distribution Chart

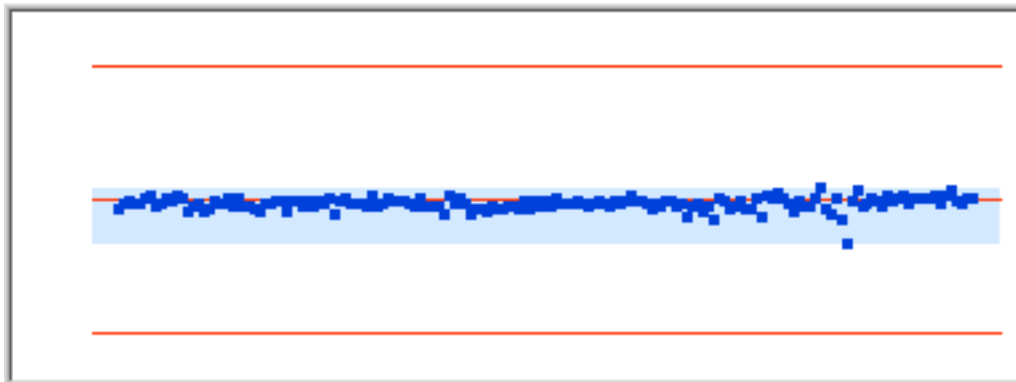


Figure15 Distribution 626.777Hz

Bar Chart

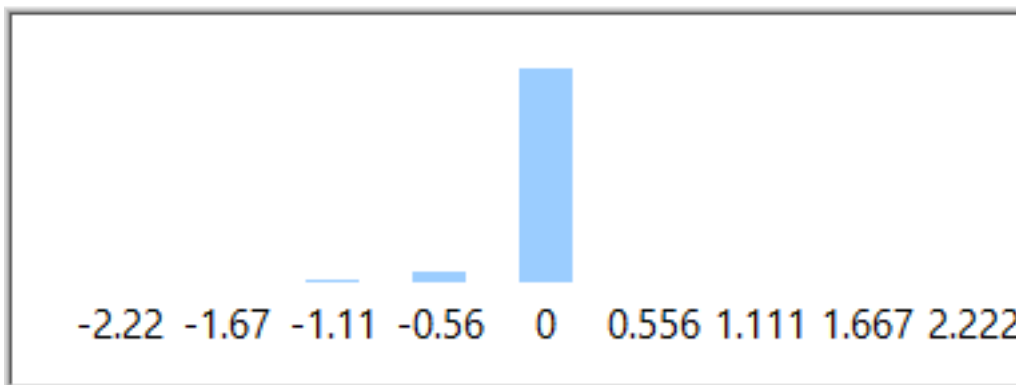


Figure16 Bar Chart 626.777Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 648.889   | -2.5000    | 2.5000     | 8.009 | 7.800 | 7.800 | 8.219 |

Distribution Chart

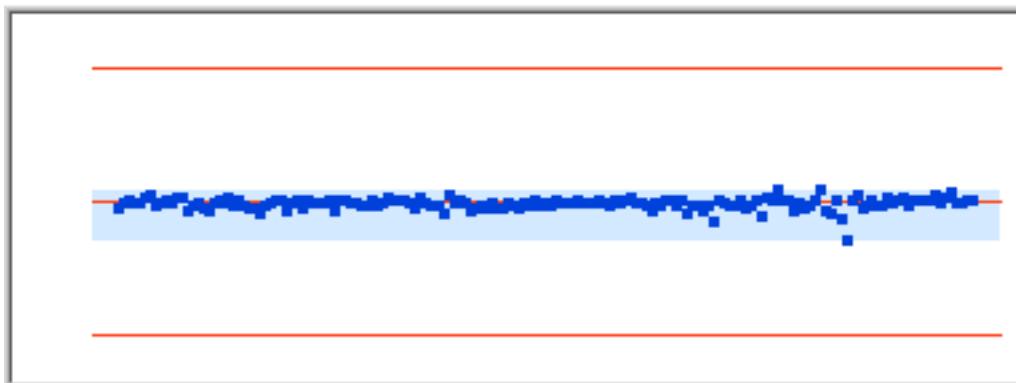


Figure17 Distribution 648.889Hz

Bar Chart

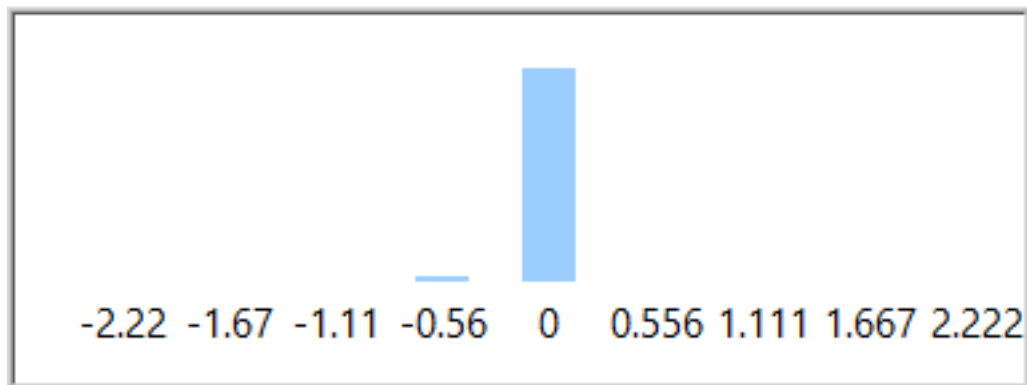


Figure18 Bar Chart 648.889Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 671.705   | -2.5000    | 2.5000     | 8.866 | 8.744 | 8.744 | 8.988 |

Distribution Chart

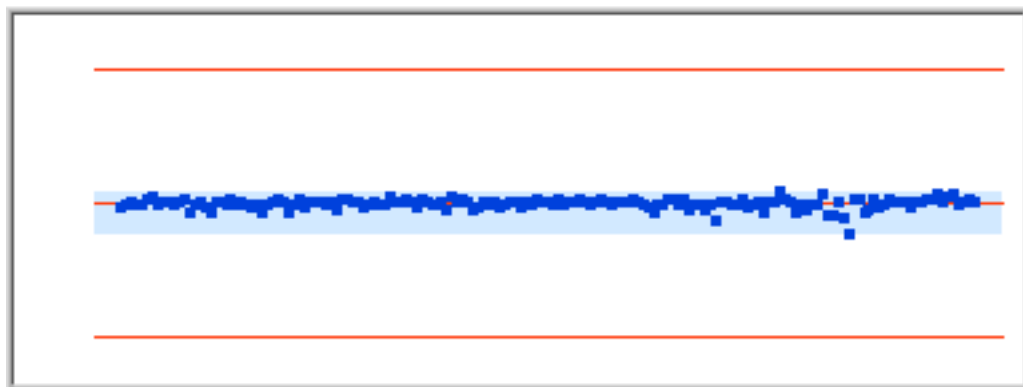


Figure19 Distribution 671.705Hz

Bar Chart

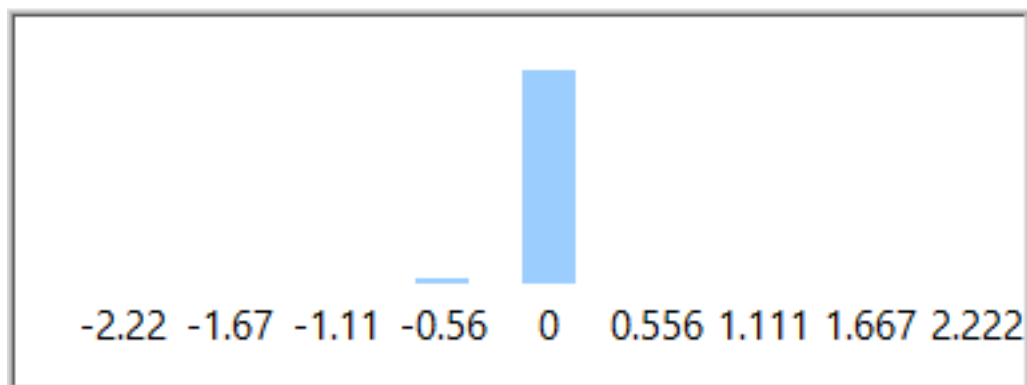


Figure20 Bar Chart 671.705Hz

| Frequency | LowerLimit | UpperLimit | CP | CPK | Cpl | Cpu |
|-----------|------------|------------|----|-----|-----|-----|
|-----------|------------|------------|----|-----|-----|-----|

|         |         |        |       |       |       |       |
|---------|---------|--------|-------|-------|-------|-------|
| 695.402 | -2.5000 | 2.5000 | 9.348 | 9.326 | 9.326 | 9.369 |
|---------|---------|--------|-------|-------|-------|-------|

Distribution Chart

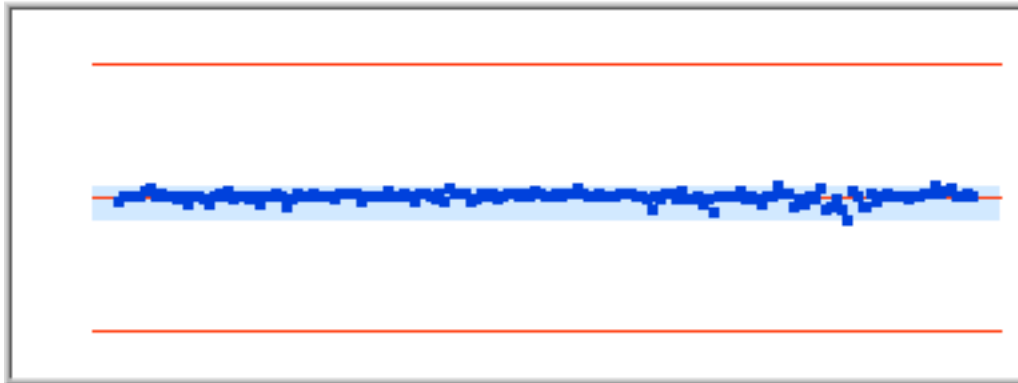


Figure21 Distribution 695.402Hz

Bar Chart

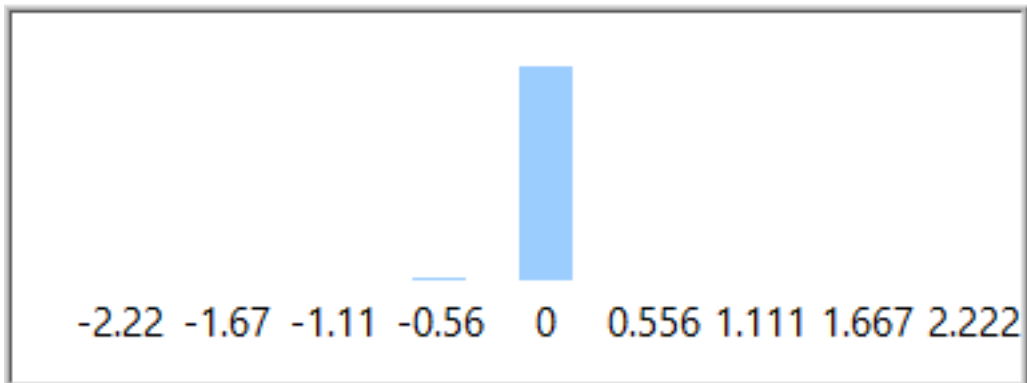


Figure22 Bar Chart 695.402Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 719.935   | -2.5000    | 2.5000     | 9.274 | 9.187 | 9.360 | 9.187 |

Distribution Chart

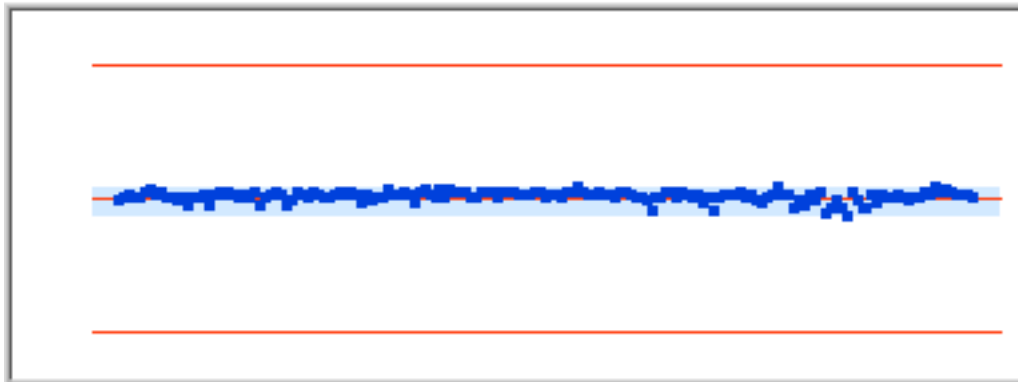


Figure23 Distribution 719.935Hz

Bar Chart

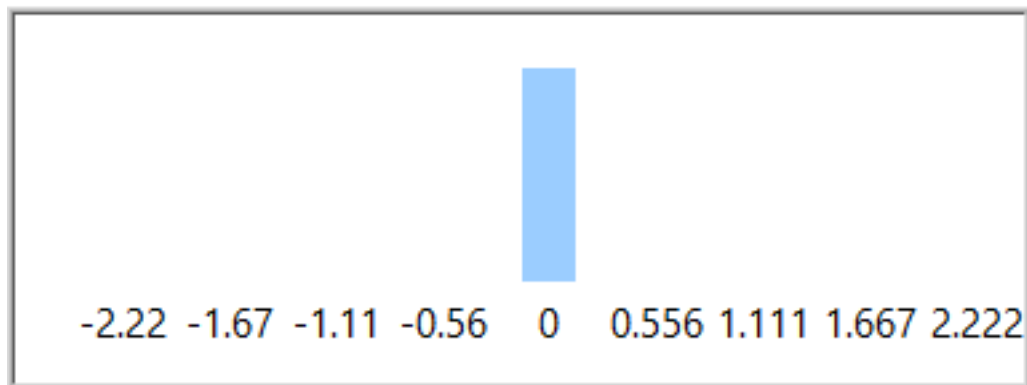


Figure24 Bar Chart 719.935Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 745.248   | -2.5000    | 2.5000     | 8.849 | 8.652 | 9.046 | 8.652 |

Distribution Chart



Figure25 Distribution 745.248Hz

Bar Chart

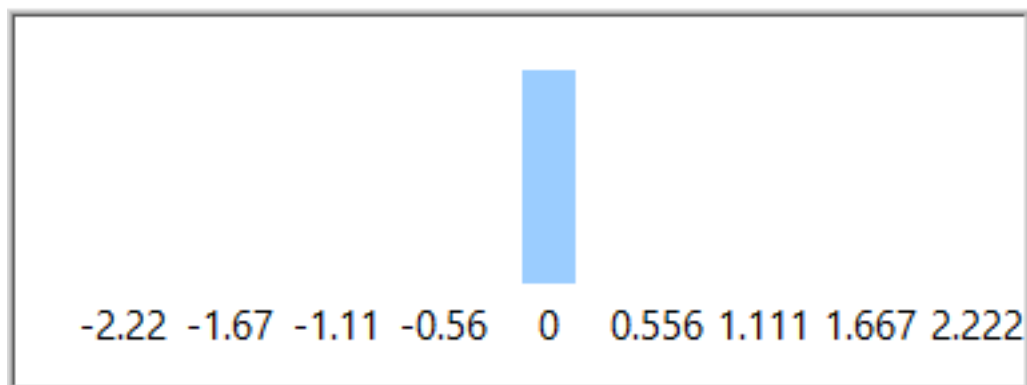


Figure26 Bar Chart 745.248Hz

| Frequency | LowerLimit | UpperLimit | CP | CPK | Cpl | Cpu |
|-----------|------------|------------|----|-----|-----|-----|
|-----------|------------|------------|----|-----|-----|-----|

|         |         |        |       |       |       |       |
|---------|---------|--------|-------|-------|-------|-------|
| 771.540 | -2.5000 | 2.5000 | 8.245 | 7.962 | 8.528 | 7.962 |
|---------|---------|--------|-------|-------|-------|-------|

Distribution Chart

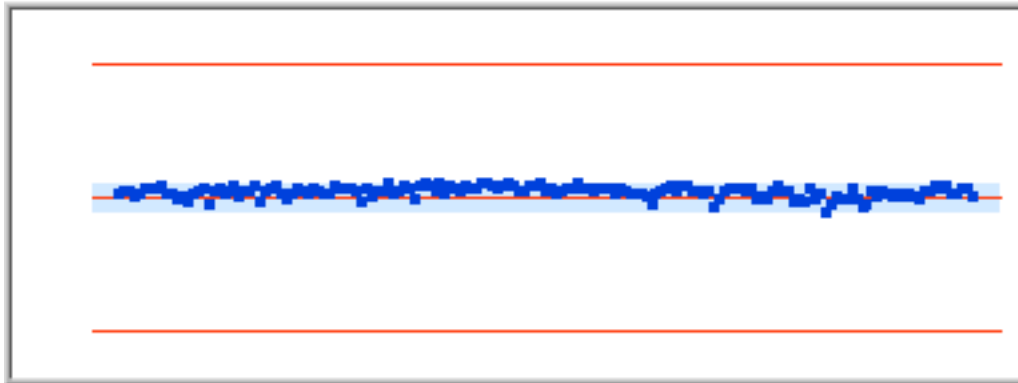


Figure27 Distribution 771.540Hz

Bar Chart

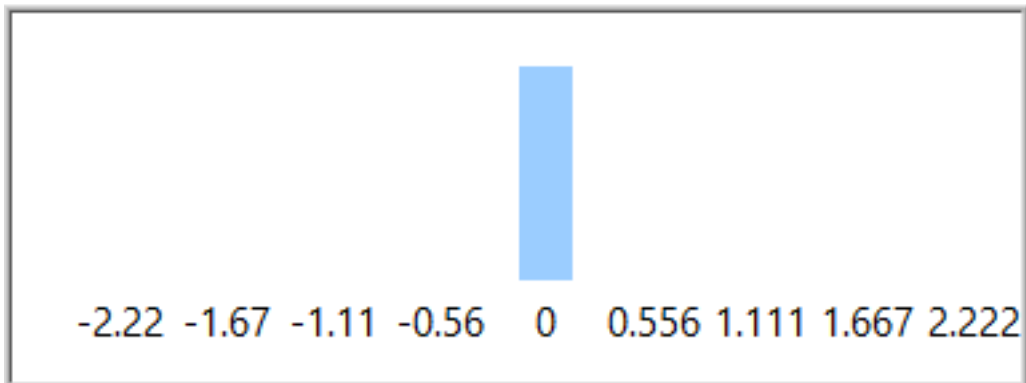


Figure28 Bar Chart 771.540Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 798.667   | -2.5000    | 2.5000     | 7.711 | 7.378 | 8.044 | 7.378 |

Distribution Chart

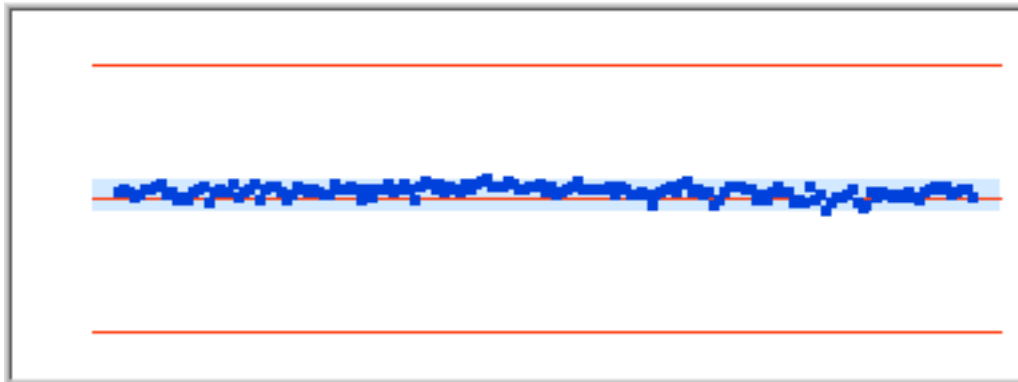


Figure29 Distribution 798.667Hz

Bar Chart

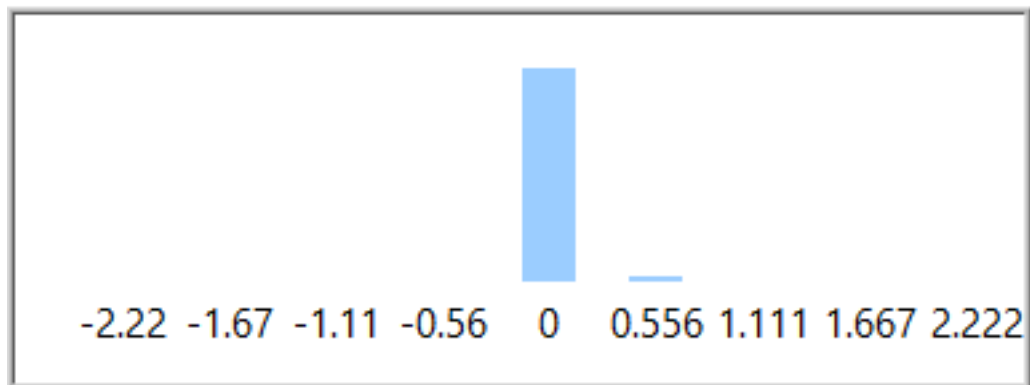


Figure30 Bar Chart 798.667Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 826.844   | -2.4702    | 2.4702     | 7.256 | 6.934 | 7.578 | 6.934 |

Distribution Chart

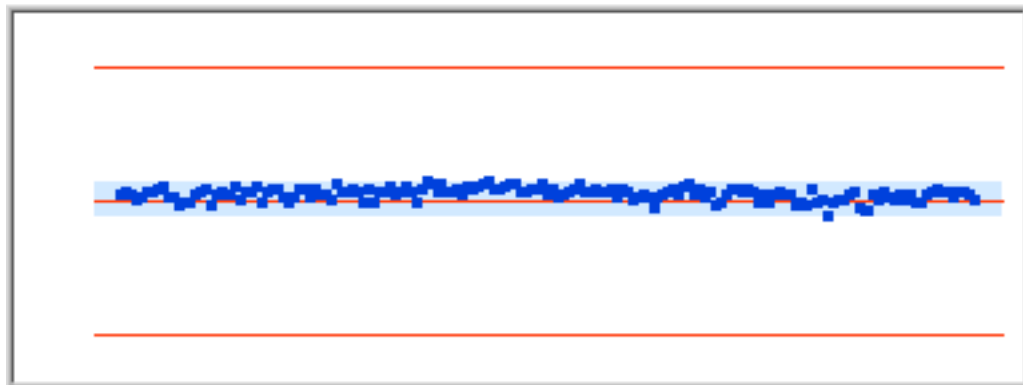


Figure31 Distribution 826.844Hz

Bar Chart

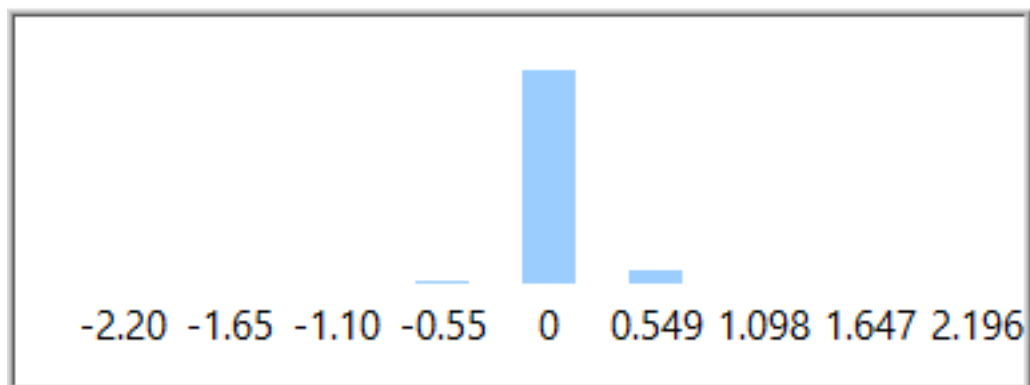


Figure32 Bar Chart 826.844Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 826.844   | -2.4702    | 2.4702     | 7.256 | 6.934 | 7.578 | 6.934 |

|         |         |        |       |       |       |       |
|---------|---------|--------|-------|-------|-------|-------|
| 856.014 | -2.4378 | 2.4378 | 6.800 | 6.527 | 7.073 | 6.527 |
|---------|---------|--------|-------|-------|-------|-------|

Distribution Chart

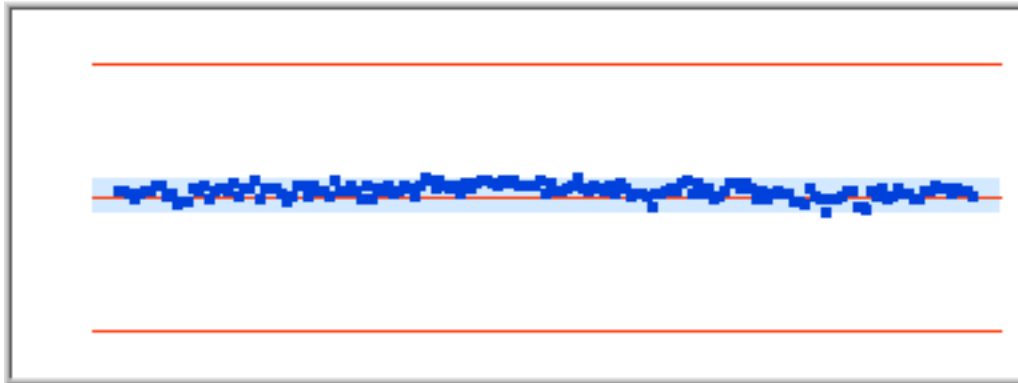


Figure33 Distribution 856.014Hz

Bar Chart

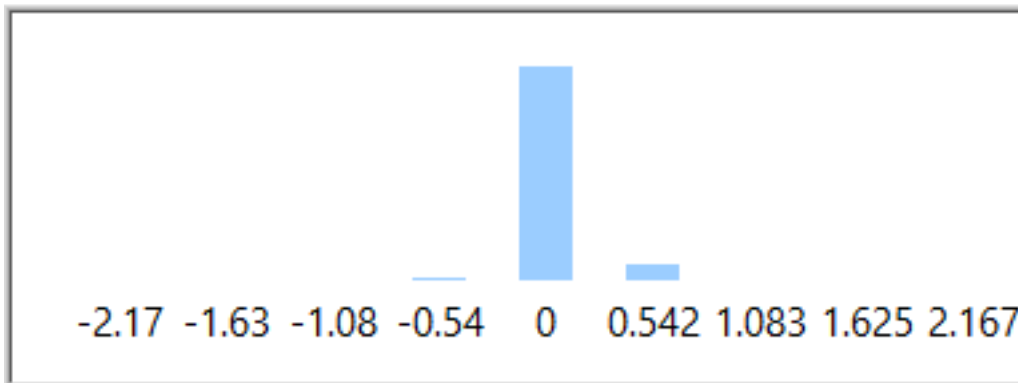


Figure34 Bar Chart 856.014Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 886.112   | -2.4043    | 2.4043     | 6.261 | 6.049 | 6.473 | 6.049 |

Distribution Chart

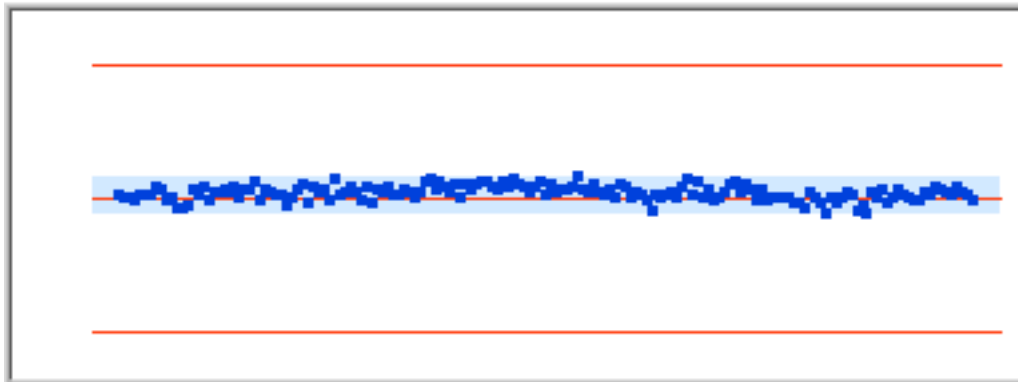


Figure35 Distribution 886.112Hz

Bar Chart

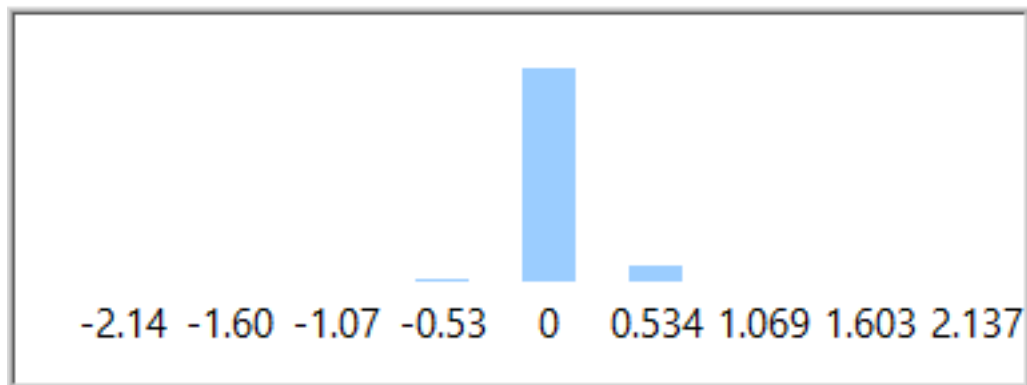


Figure36 Bar Chart 886.112Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 917.373   | -2.3696    | 2.3696     | 5.928 | 5.752 | 6.105 | 5.752 |

Distribution Chart

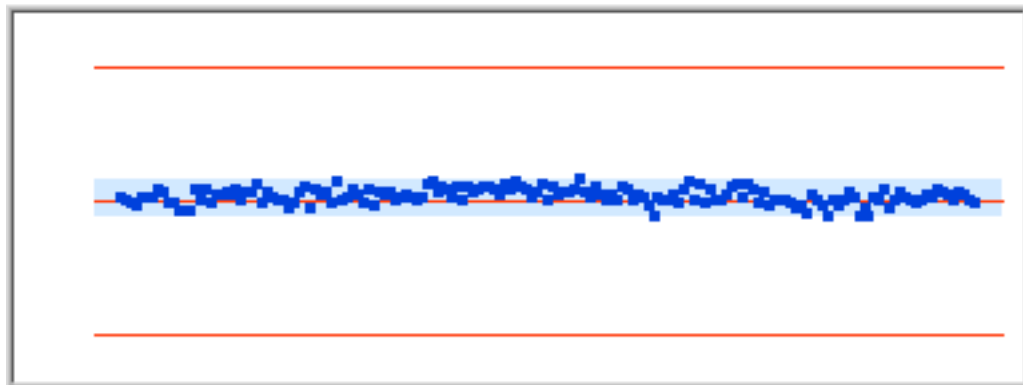


Figure37 Distribution 917.373Hz

Bar Chart

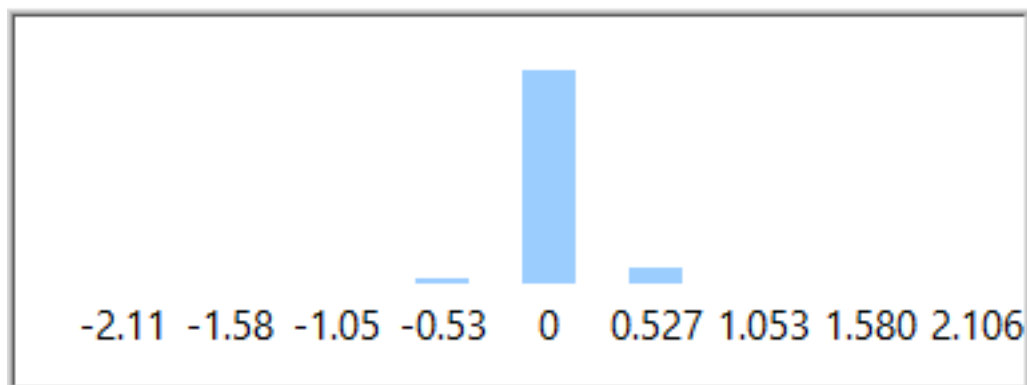


Figure38 Bar Chart 917.373Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 917.373   | -2.3696    | 2.3696     | 5.928 | 5.752 | 6.105 | 5.752 |

|         |         |        |       |       |       |       |
|---------|---------|--------|-------|-------|-------|-------|
| 949.737 | -2.3336 | 2.3336 | 5.920 | 5.732 | 6.108 | 5.732 |
|---------|---------|--------|-------|-------|-------|-------|

Distribution Chart

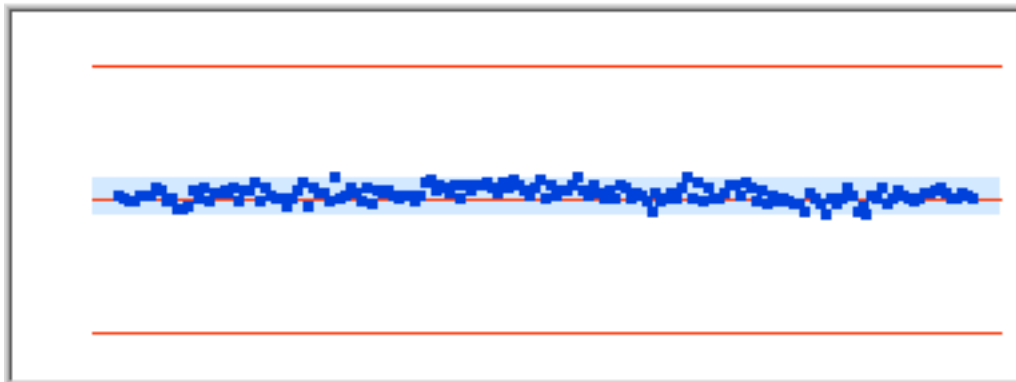


Figure39 Distribution 949.737Hz

Bar Chart

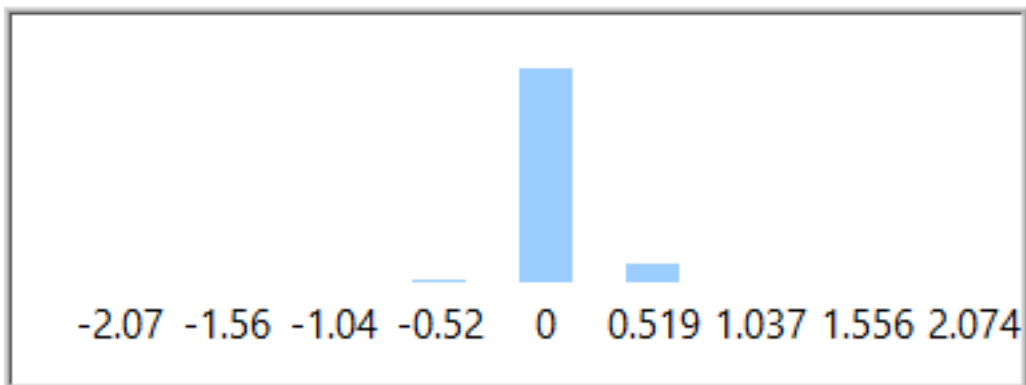


Figure40 Bar Chart 949.737Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 983.130   | -2.2965    | 2.2965     | 6.041 | 5.794 | 6.289 | 5.794 |

Distribution Chart

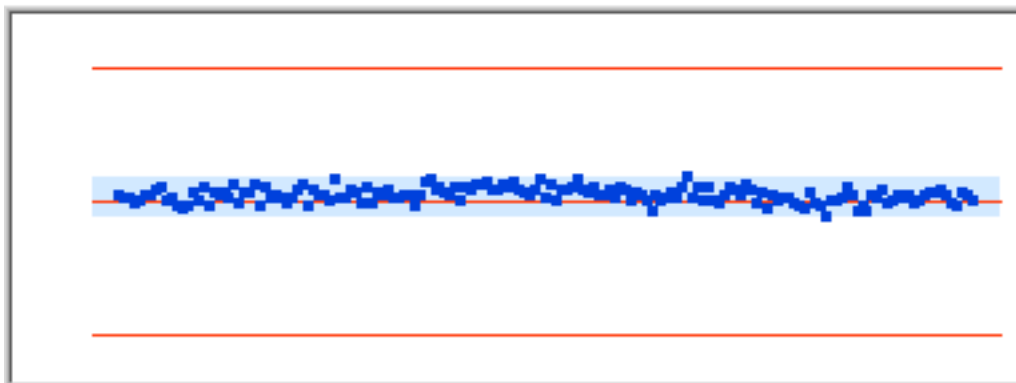


Figure41 Distribution 983.130Hz

Bar Chart

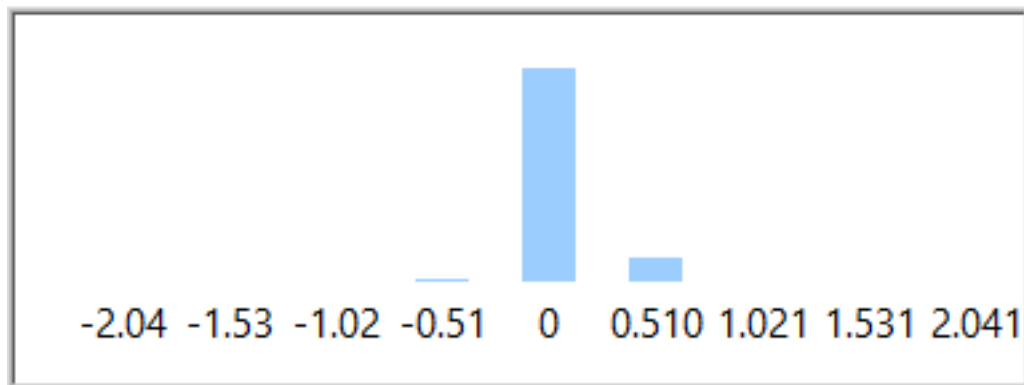


Figure42 Bar Chart 983.130Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 1017.814  | -2.2580    | 2.2580     | 5.825 | 5.501 | 6.149 | 5.501 |

Distribution Chart

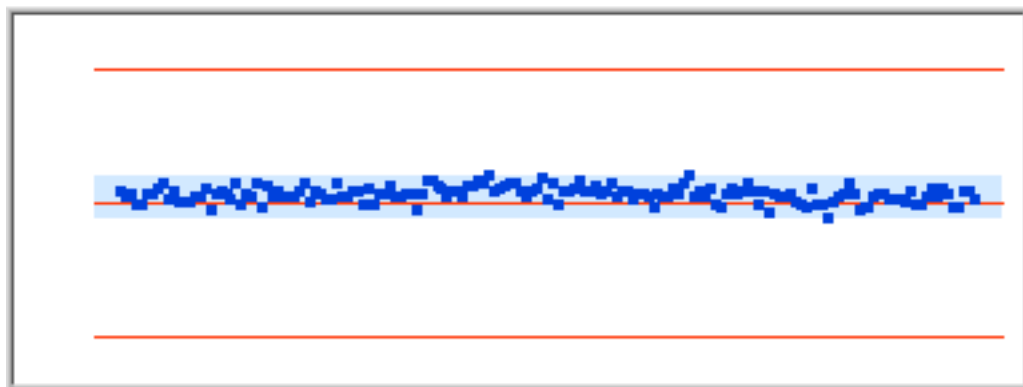


Figure43 Distribution 1017.814Hz

Bar Chart

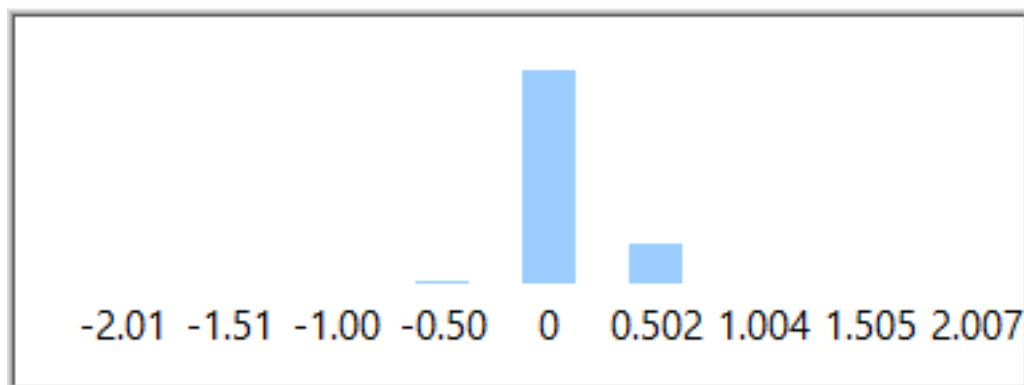


Figure44 Bar Chart 1017.814Hz

| Frequency | LowerLimit | UpperLimit | CP | CPK | Cpl | Cpu |
|-----------|------------|------------|----|-----|-----|-----|
|-----------|------------|------------|----|-----|-----|-----|

|          |         |        |       |       |       |       |
|----------|---------|--------|-------|-------|-------|-------|
| 1053.721 | -2.2181 | 2.2181 | 5.288 | 4.921 | 5.656 | 4.921 |
|----------|---------|--------|-------|-------|-------|-------|

Distribution Chart

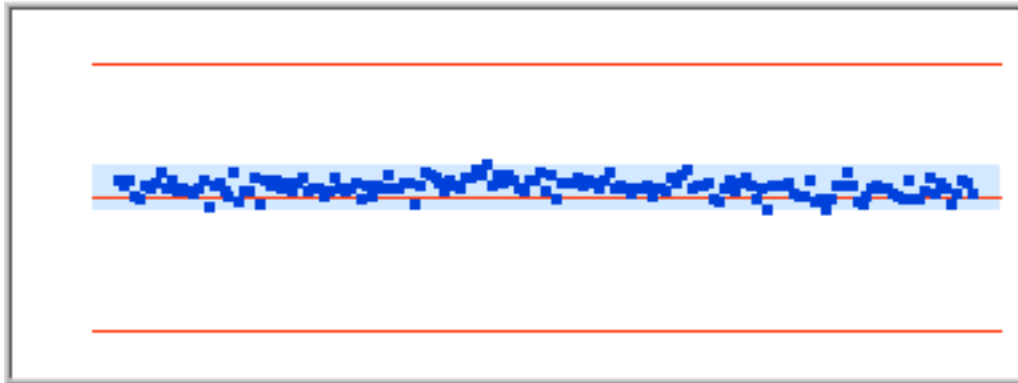


Figure45 Distribution 1053.721Hz

Bar Chart

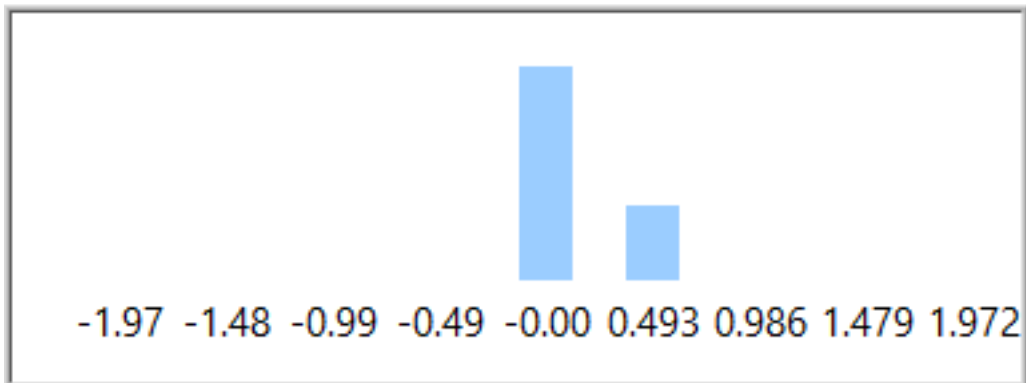


Figure46 Bar Chart 1053.721Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 1090.771  | -2.1769    | 2.1769     | 4.941 | 4.568 | 5.313 | 4.568 |

Distribution Chart

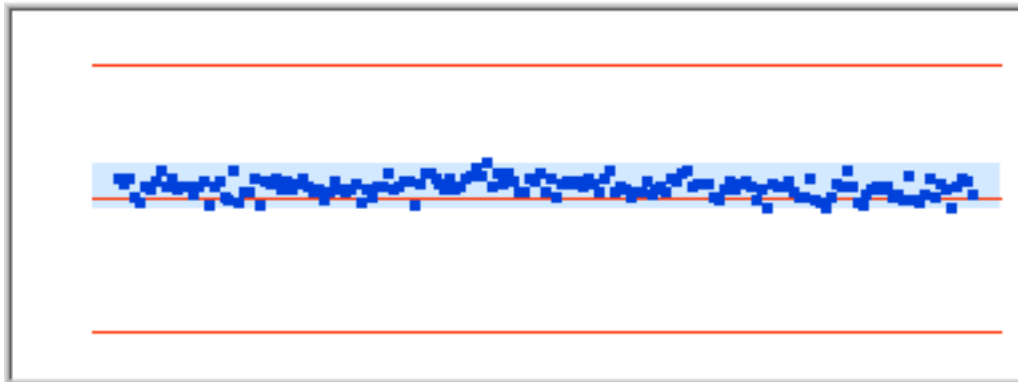


Figure47 Distribution 1090.771Hz

Bar Chart

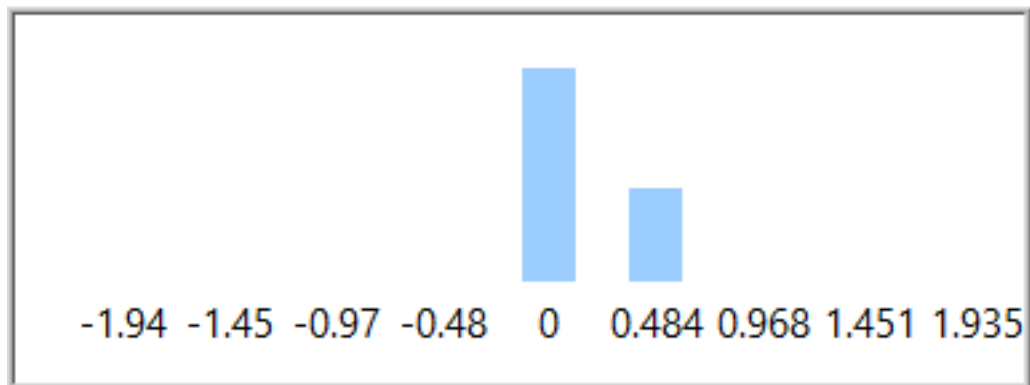


Figure48 Bar Chart 1090.771Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 1129.252  | -2.1342    | 2.1342     | 4.942 | 4.568 | 5.317 | 4.568 |

Distribution Chart

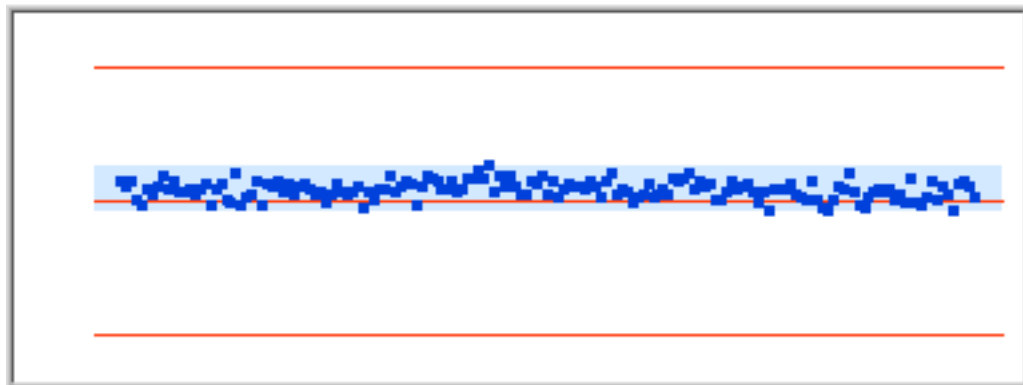


Figure49 Distribution 1129.252Hz

Bar Chart

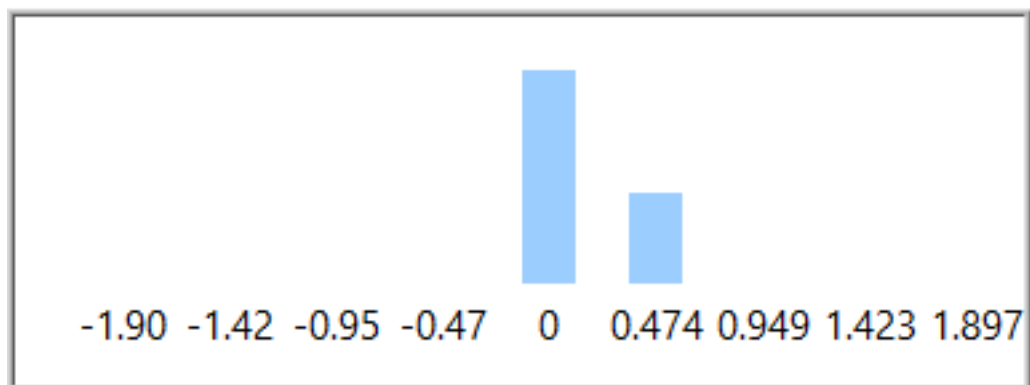


Figure50 Bar Chart 1129.252Hz

| Frequency | LowerLimit | UpperLimit | CP | CPK | Cpl | Cpu |
|-----------|------------|------------|----|-----|-----|-----|
|-----------|------------|------------|----|-----|-----|-----|

|          |         |        |       |       |       |       |
|----------|---------|--------|-------|-------|-------|-------|
| 1168.957 | -2.0900 | 2.0900 | 5.167 | 4.787 | 5.547 | 4.787 |
|----------|---------|--------|-------|-------|-------|-------|

Distribution Chart

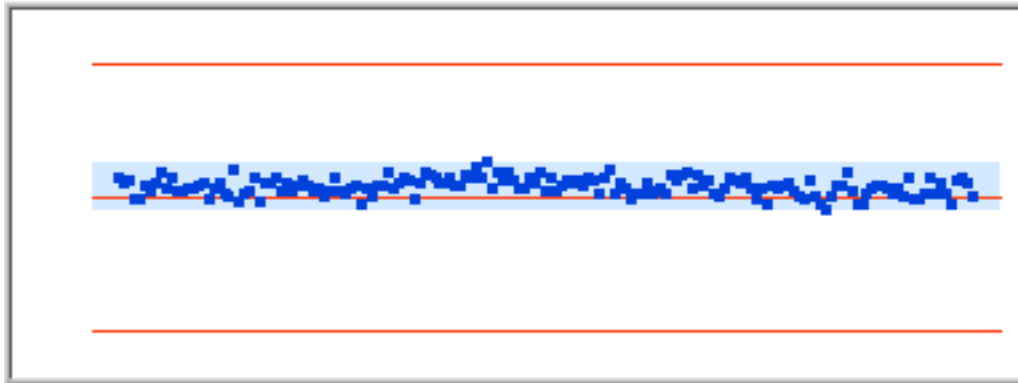


Figure51 Distribution 1168.957Hz

Bar Chart

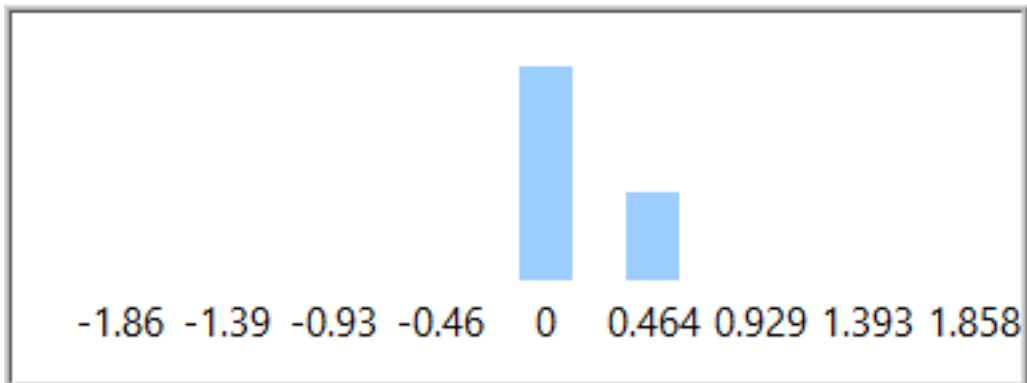


Figure52 Bar Chart 1168.957Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 1210.197  | -2.0442    | 2.0442     | 5.308 | 4.923 | 5.693 | 4.923 |

Distribution Chart

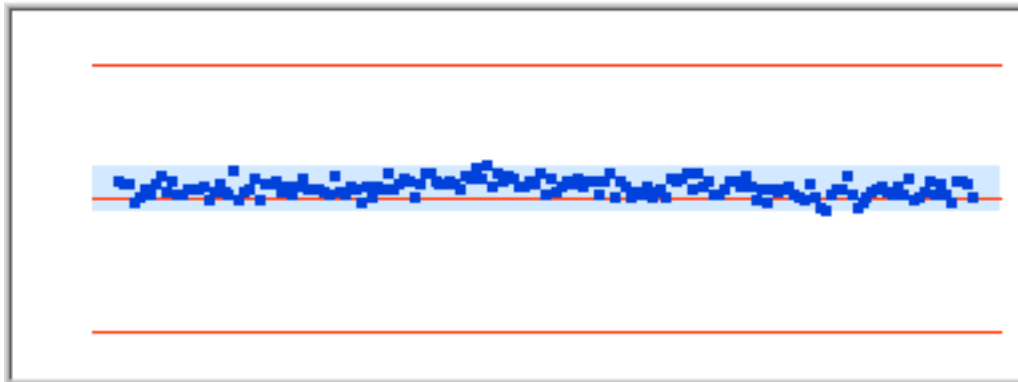


Figure53 Distribution 1210.197Hz

Bar Chart

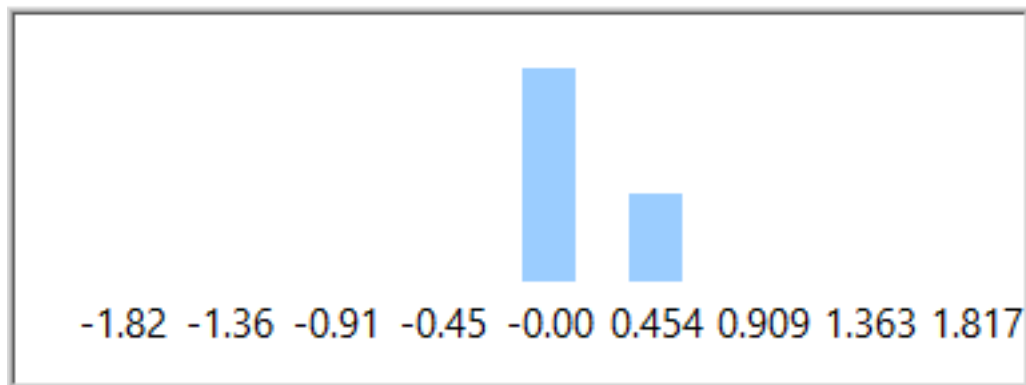


Figure54 Bar Chart 1210.197Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 1252.891  | -2.0039    | 2.0039     | 5.324 | 4.940 | 5.708 | 4.940 |

Distribution Chart

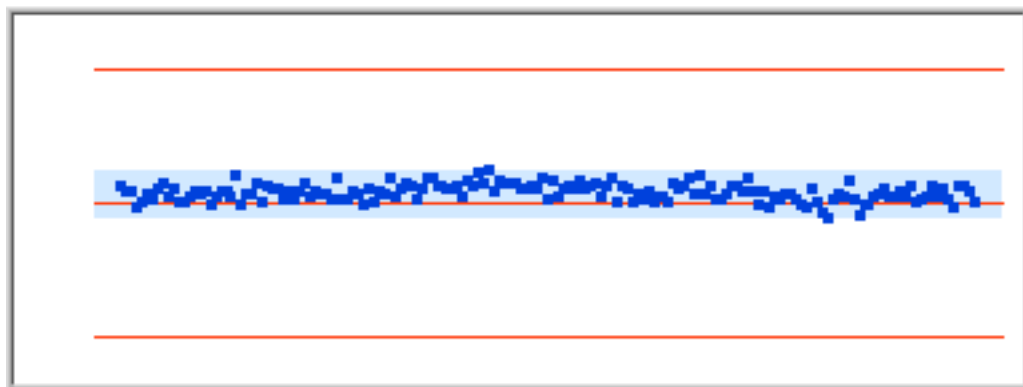


Figure55 Distribution 1252.891Hz

Bar Chart

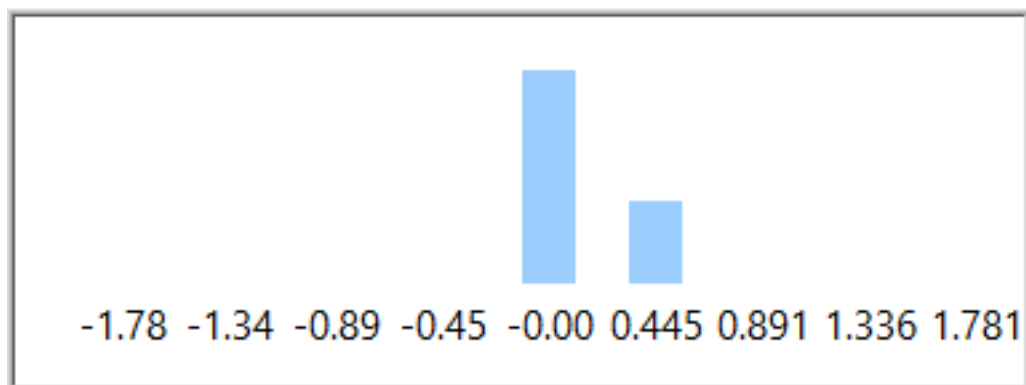


Figure56 Bar Chart 1252.891Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 1252.891  | -2.0039    | 2.0039     | 5.324 | 4.940 | 5.708 | 4.940 |

|          |         |        |       |       |       |       |
|----------|---------|--------|-------|-------|-------|-------|
| 1296.944 | -2.0626 | 2.0626 | 5.534 | 5.145 | 5.922 | 5.145 |
|----------|---------|--------|-------|-------|-------|-------|

Distribution Chart

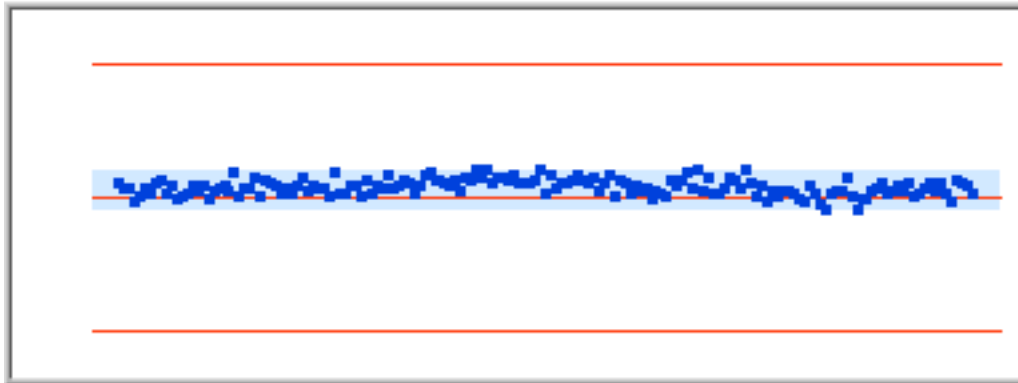


Figure57 Distribution 1296.944Hz

Bar Chart

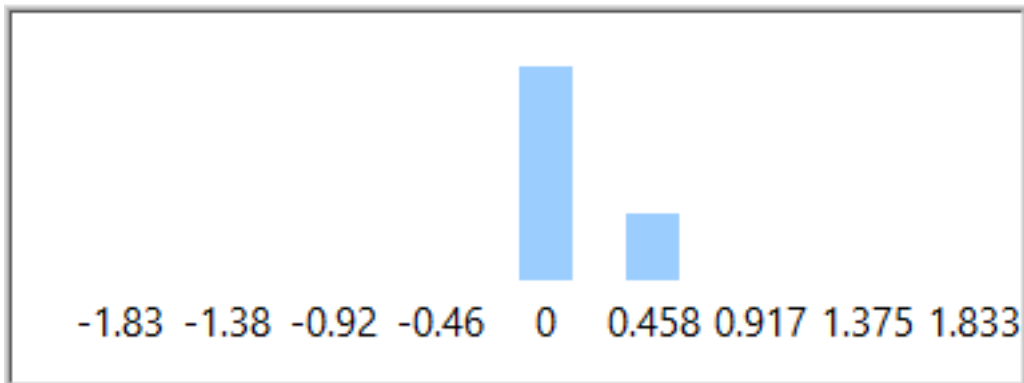


Figure58 Bar Chart 1296.944Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 1342.698  | -2.1236    | 2.1236     | 5.693 | 5.301 | 6.084 | 5.301 |

Distribution Chart

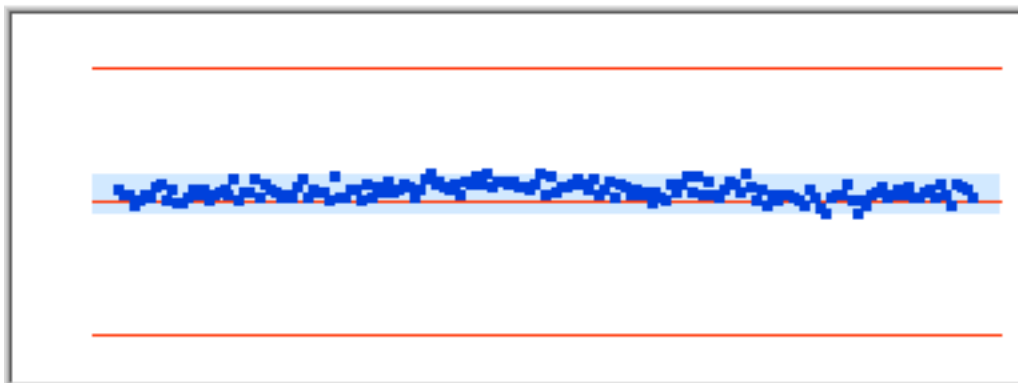


Figure59 Distribution 1342.698Hz

Bar Chart

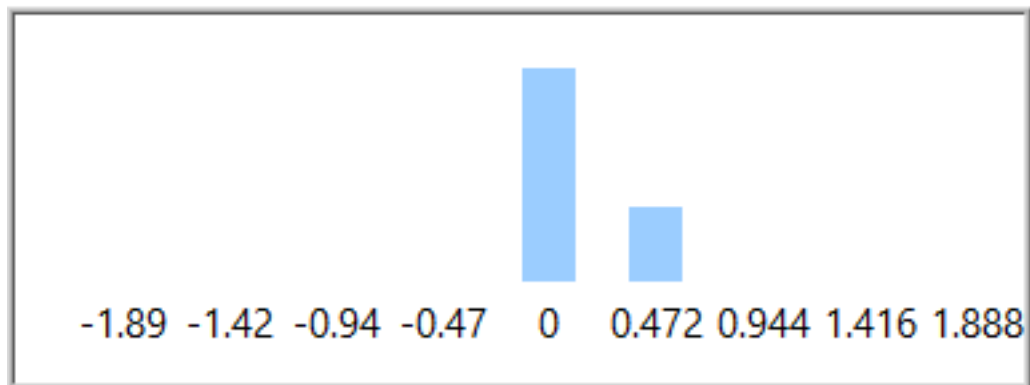


Figure60 Bar Chart 1342.698Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 1390.067  | -2.1868    | 2.1868     | 5.827 | 5.432 | 6.222 | 5.432 |

Distribution Chart

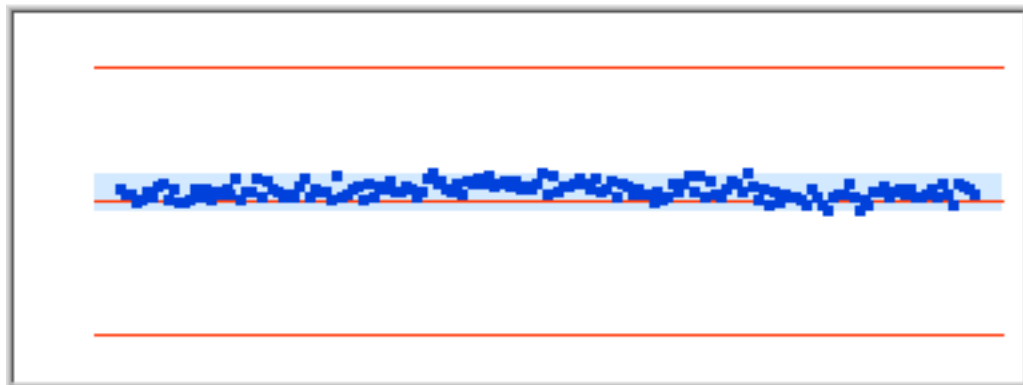


Figure61 Distribution 1390.067Hz

Bar Chart

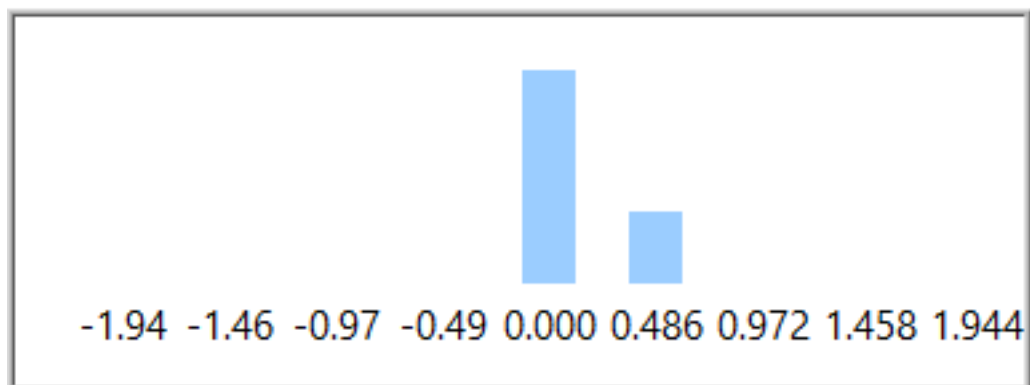


Figure62 Bar Chart 1390.067Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 1390.067  | -2.1868    | 2.1868     | 5.827 | 5.432 | 6.222 | 5.432 |

|          |         |        |       |       |       |       |
|----------|---------|--------|-------|-------|-------|-------|
| 1438.943 | -2.2519 | 2.2519 | 5.964 | 5.562 | 6.366 | 5.562 |
|----------|---------|--------|-------|-------|-------|-------|

Distribution Chart

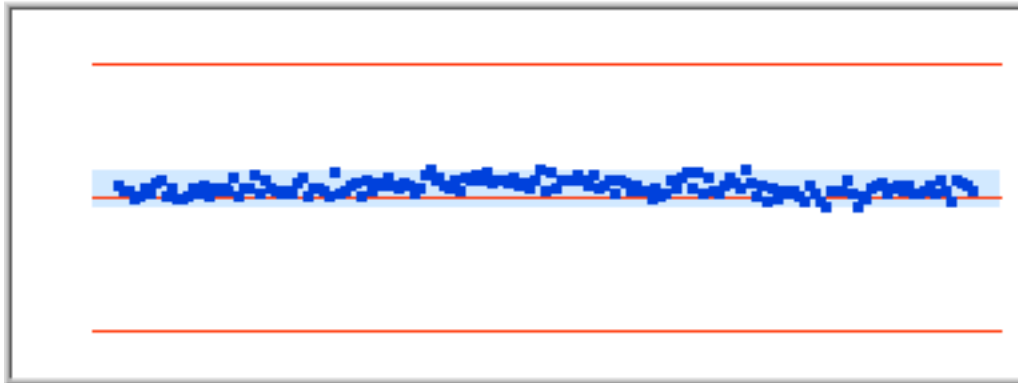


Figure63 Distribution 1438.943Hz

Bar Chart

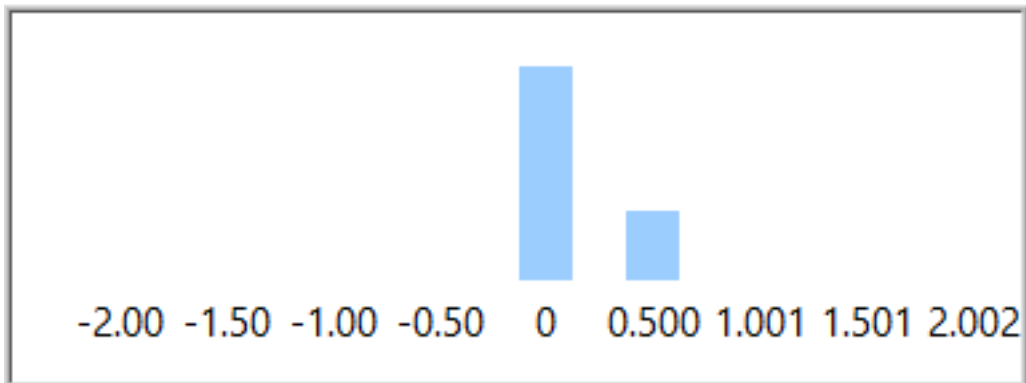


Figure64 Bar Chart 1438.943Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 1489.708  | -2.3196    | 2.3196     | 6.115 | 5.702 | 6.528 | 5.702 |

Distribution Chart

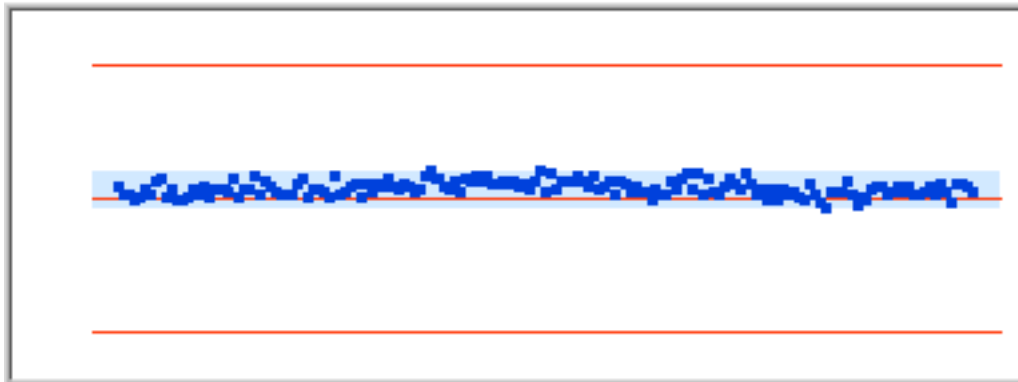


Figure65 Distribution 1489.708Hz

Bar Chart

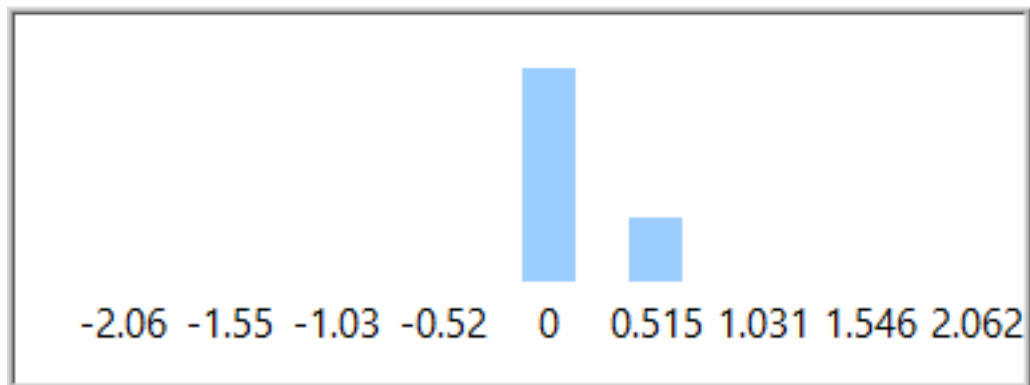


Figure66 Bar Chart 1489.708Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 1542.263  | -2.3897    | 2.3897     | 6.283 | 5.850 | 6.716 | 5.850 |

Distribution Chart

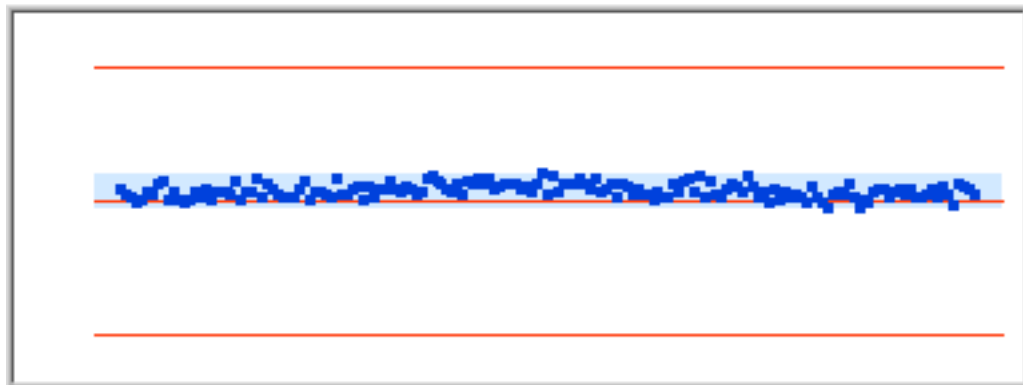


Figure67 Distribution 1542.263Hz

Bar Chart

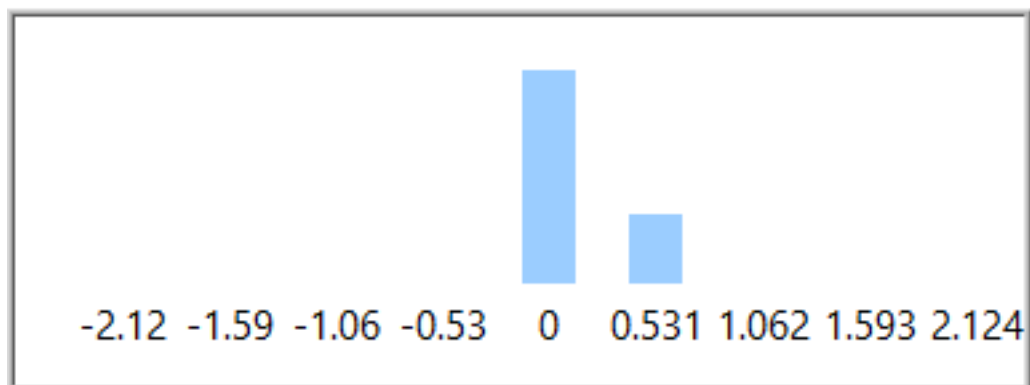


Figure68 Bar Chart 1542.263Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 1542.263  | -2.3897    | 2.3897     | 6.283 | 5.850 | 6.716 | 5.850 |

|          |         |        |       |       |       |       |
|----------|---------|--------|-------|-------|-------|-------|
| 1596.490 | -2.4620 | 2.4620 | 6.448 | 5.996 | 6.901 | 5.996 |
|----------|---------|--------|-------|-------|-------|-------|

Distribution Chart

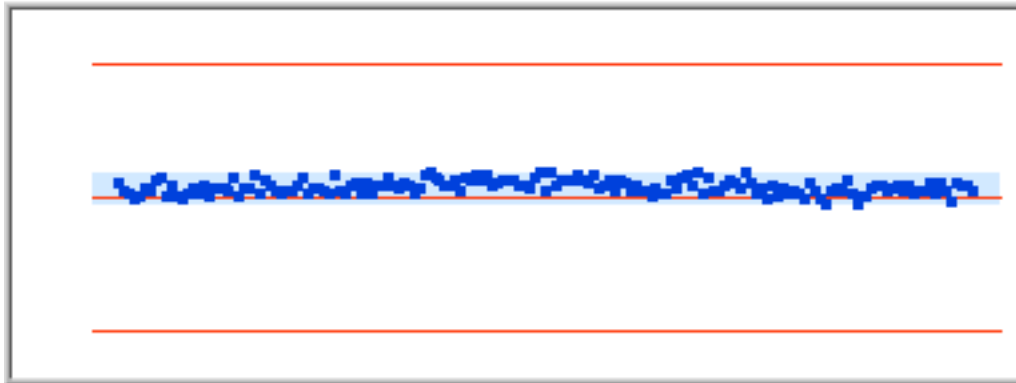


Figure69 Distribution 1596.490Hz

Bar Chart

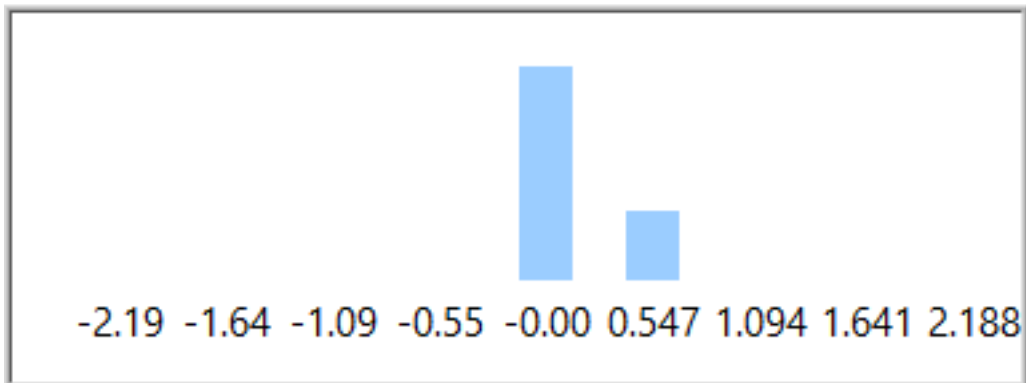


Figure70 Bar Chart 1596.490Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 1652.812  | -2.5371    | 2.5371     | 6.603 | 6.153 | 7.054 | 6.153 |

Distribution Chart

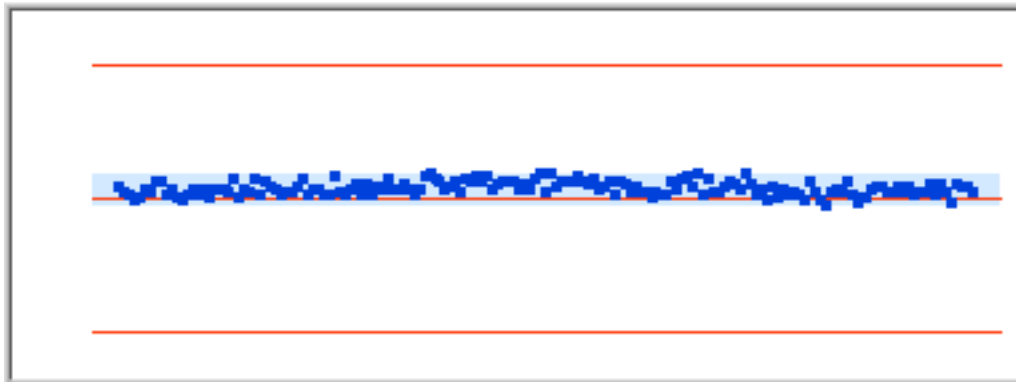


Figure71 Distribution 1652.812Hz

Bar Chart

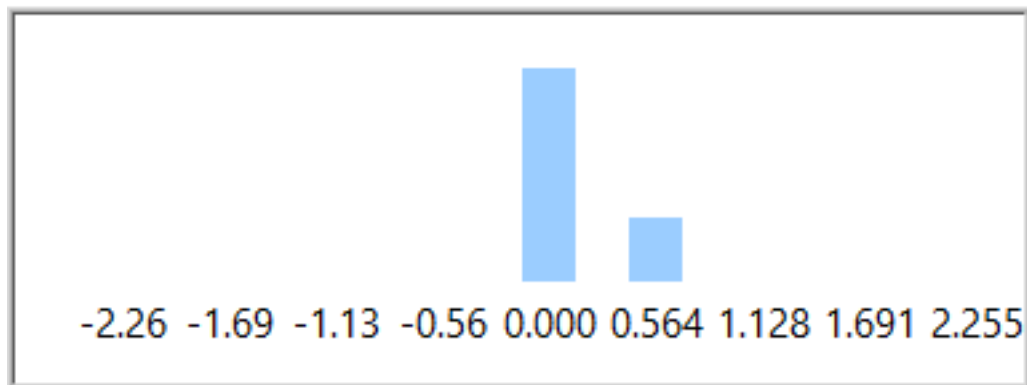


Figure72 Bar Chart 1652.812Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 1711.122  | -2.6148    | 2.6148     | 6.761 | 6.332 | 7.190 | 6.332 |

Distribution Chart

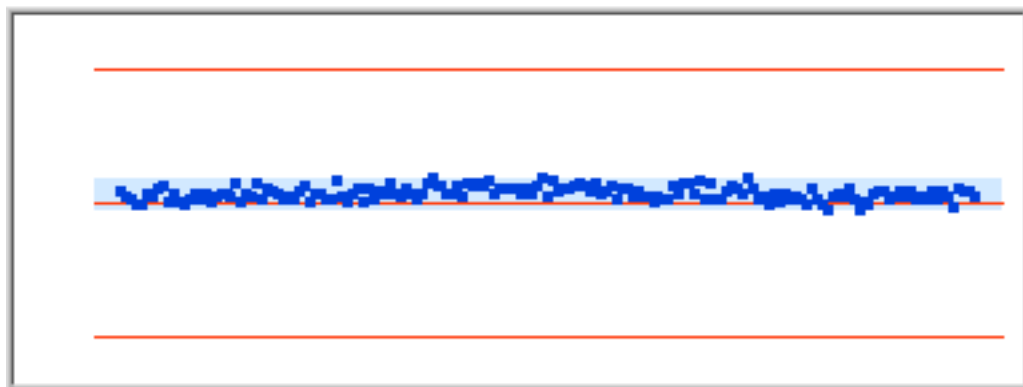


Figure73 Distribution 1711.122Hz

Bar Chart

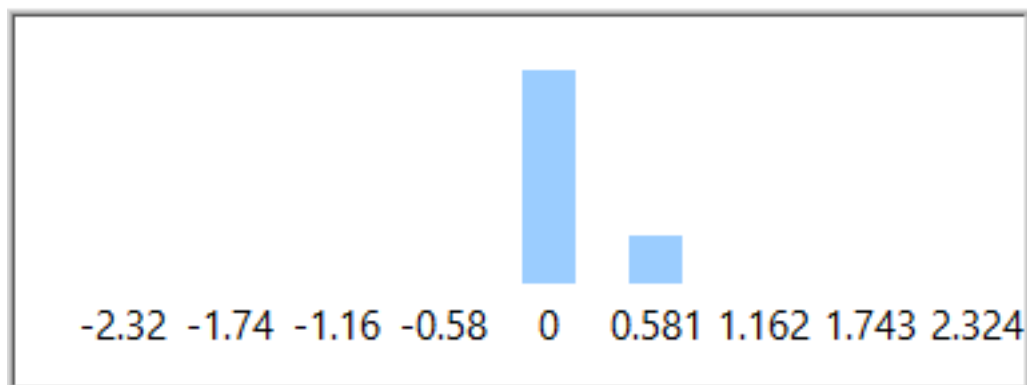


Figure74 Bar Chart 1711.122Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 1711.122  | -2.6148    | 2.6148     | 6.761 | 6.332 | 7.190 | 6.332 |

|          |         |        |       |       |       |       |
|----------|---------|--------|-------|-------|-------|-------|
| 1771.286 | -2.6950 | 2.6950 | 6.911 | 6.522 | 7.300 | 6.522 |
|----------|---------|--------|-------|-------|-------|-------|

Distribution Chart

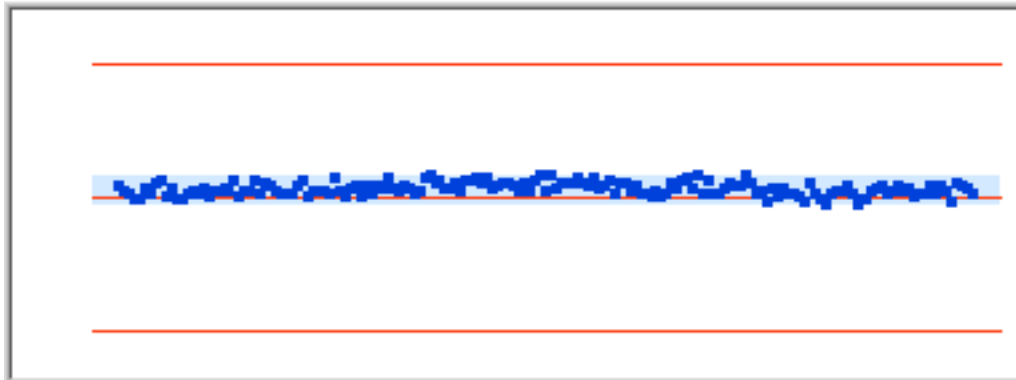


Figure75 Distribution 1771.286Hz

Bar Chart

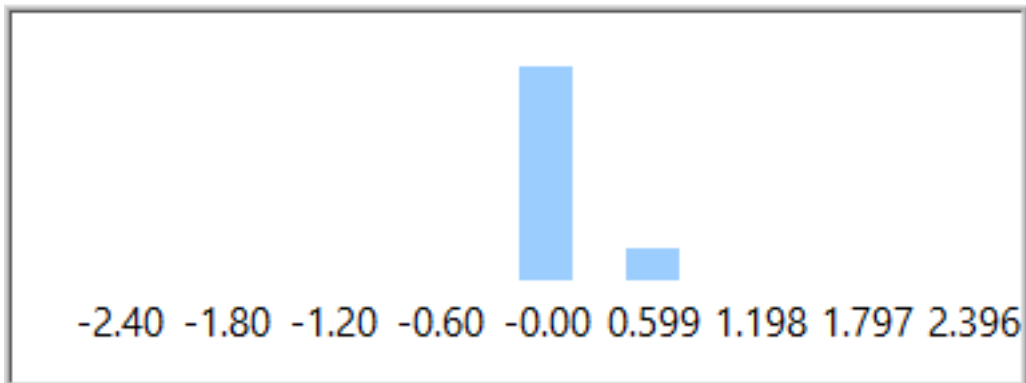


Figure76 Bar Chart 1771.286Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 1833.775  | -2.7784    | 2.7784     | 7.003 | 6.646 | 7.361 | 6.646 |

Distribution Chart

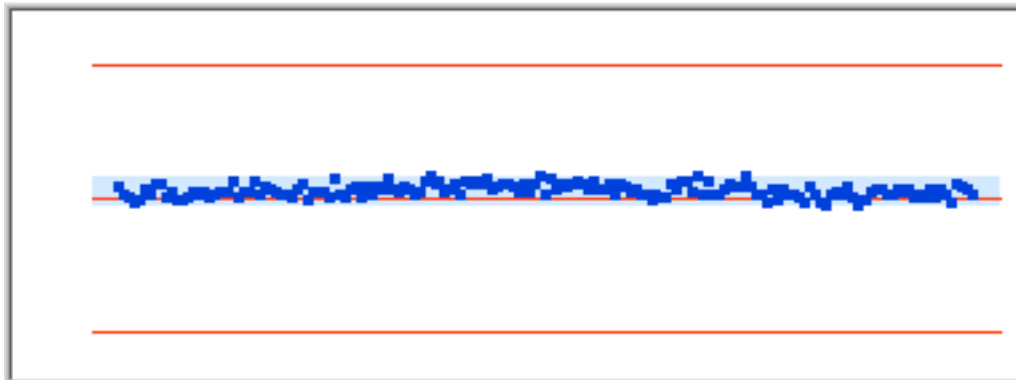


Figure77 Distribution 1833.775Hz

Bar Chart

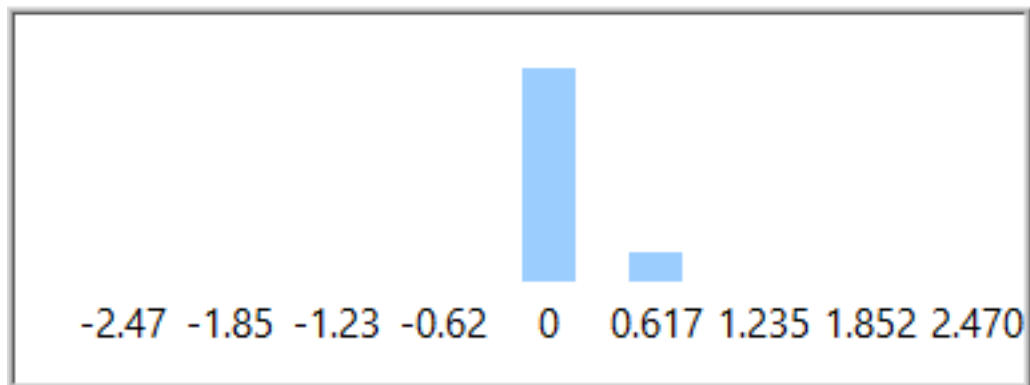


Figure78 Bar Chart 1833.775Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 1898.252  | -2.8643    | 2.8643     | 7.075 | 6.741 | 7.409 | 6.741 |

Distribution Chart

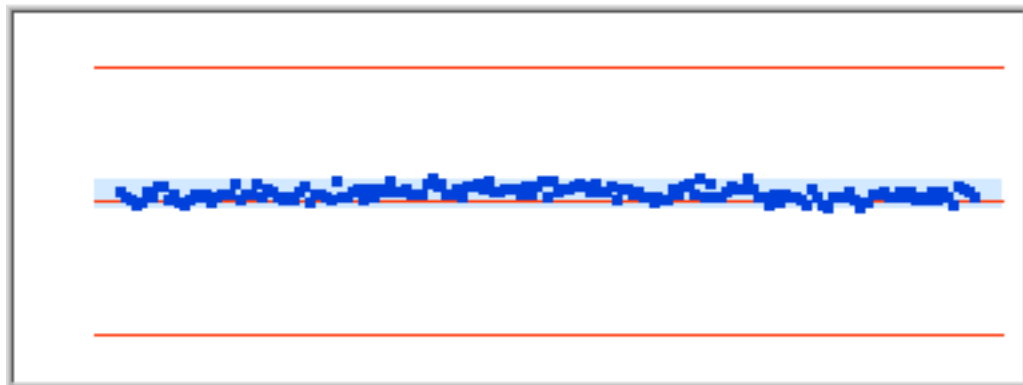


Figure79 Distribution 1898.252Hz

Bar Chart

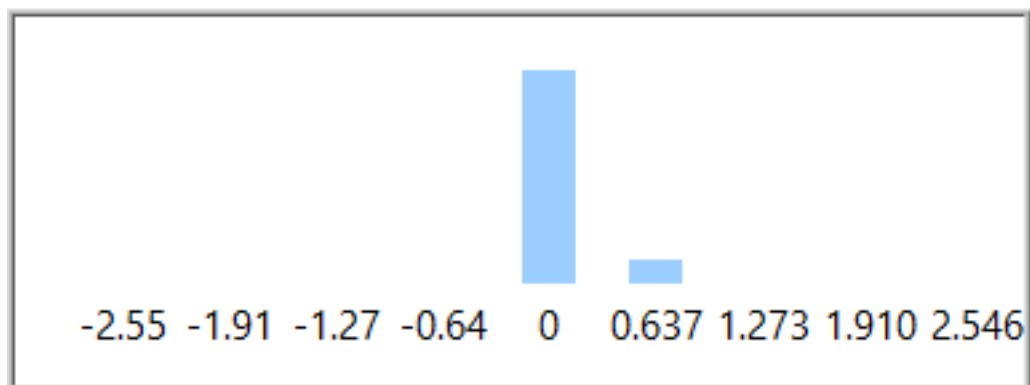


Figure80 Bar Chart 1898.252Hz

| Frequency | LowerLimit | UpperLimit | CP | CPK | Cpl | Cpu |
|-----------|------------|------------|----|-----|-----|-----|
|-----------|------------|------------|----|-----|-----|-----|

|          |         |        |       |       |       |       |
|----------|---------|--------|-------|-------|-------|-------|
| 1965.220 | -2.9536 | 2.9536 | 7.080 | 6.770 | 7.389 | 6.770 |
|----------|---------|--------|-------|-------|-------|-------|

Distribution Chart

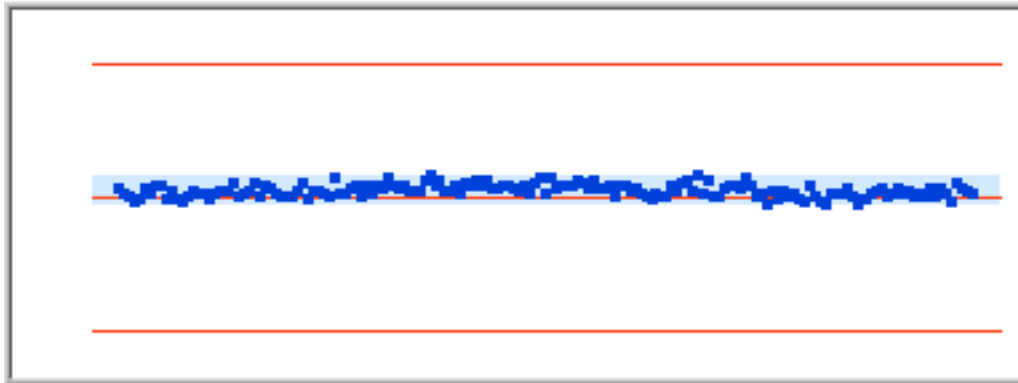


Figure81 Distribution 1965.220Hz

Bar Chart

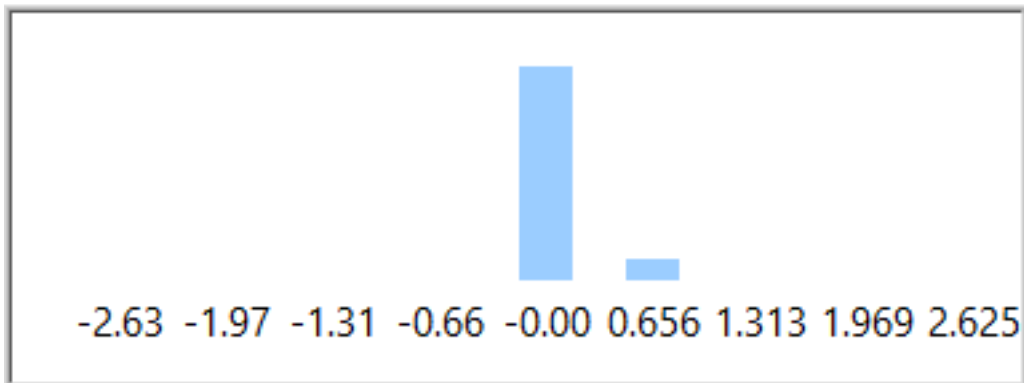


Figure82 Bar Chart 1965.220Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 2034.551  | -3.0000    | 3.0000     | 6.955 | 6.652 | 7.258 | 6.652 |

Distribution Chart

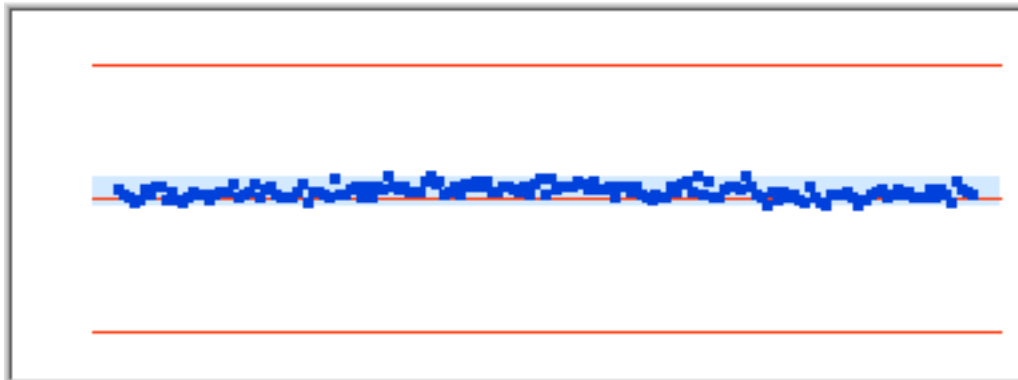


Figure83 Distribution 2034.551Hz

Bar Chart

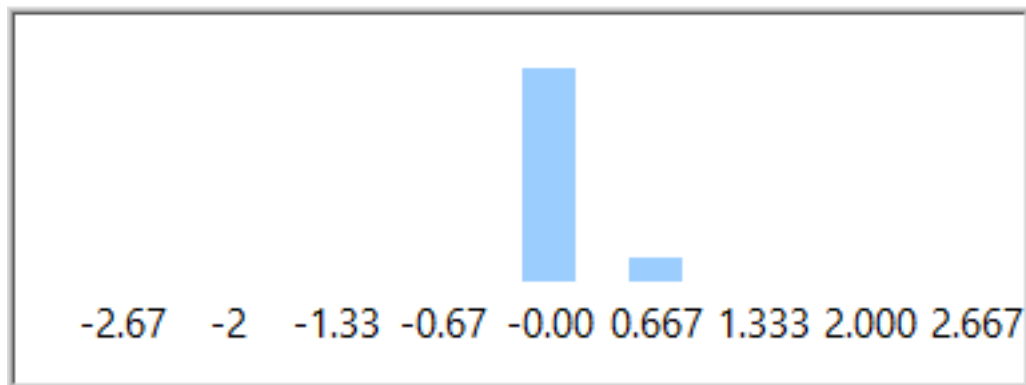


Figure84 Bar Chart 2034.551Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 2106.087  | -3.0000    | 3.0000     | 6.685 | 6.367 | 7.003 | 6.367 |

Distribution Chart

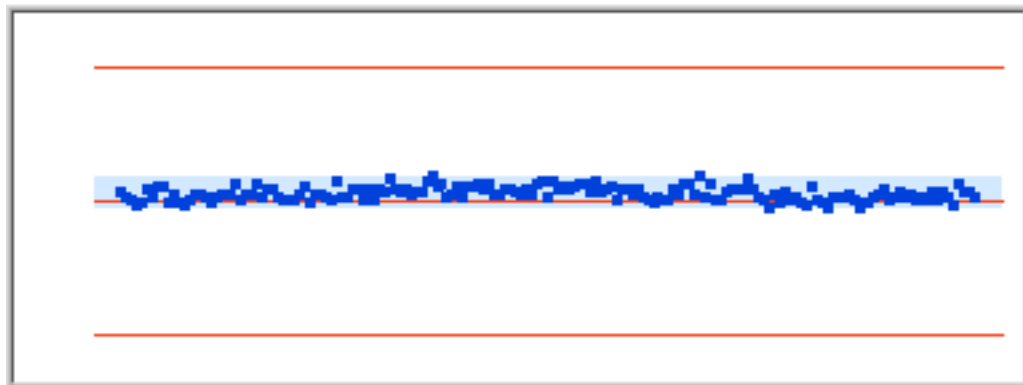


Figure85 Distribution 2106.087Hz

Bar Chart

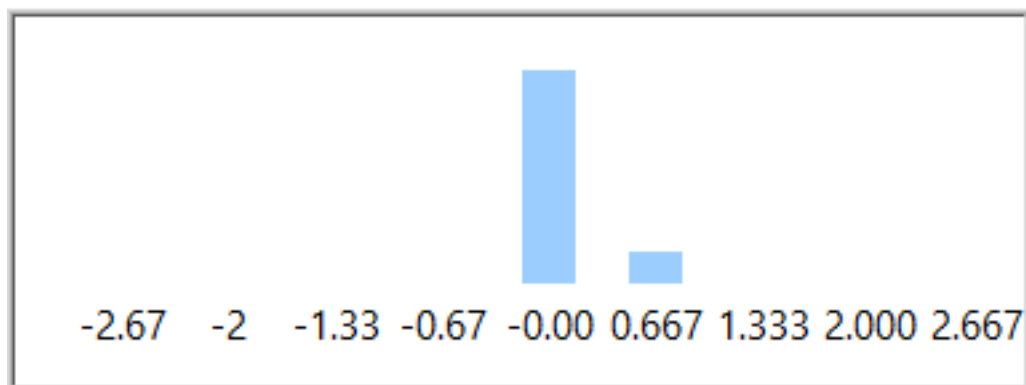


Figure86 Bar Chart 2106.087Hz

| Frequency | LowerLimit | UpperLimit | CP | CPK | Cpl | Cpu |
|-----------|------------|------------|----|-----|-----|-----|
|-----------|------------|------------|----|-----|-----|-----|

|          |         |        |       |       |       |       |
|----------|---------|--------|-------|-------|-------|-------|
| 2180.387 | -3.0000 | 3.0000 | 6.357 | 6.025 | 6.690 | 6.025 |
|----------|---------|--------|-------|-------|-------|-------|

Distribution Chart

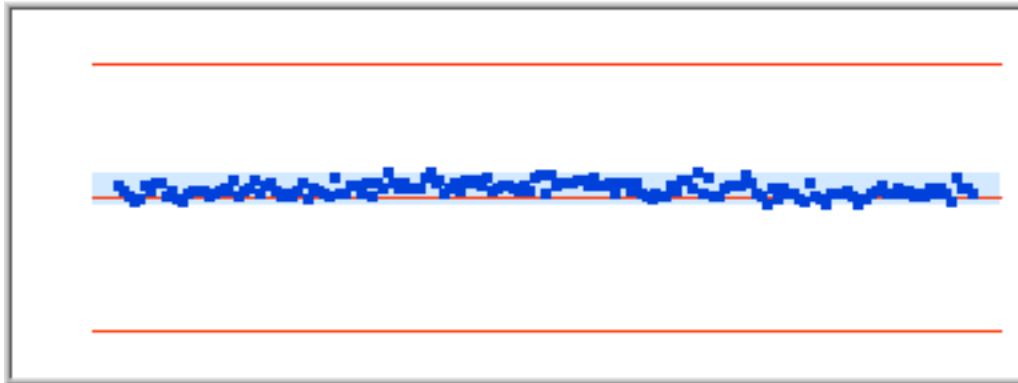


Figure87 Distribution 2180.387Hz

Bar Chart

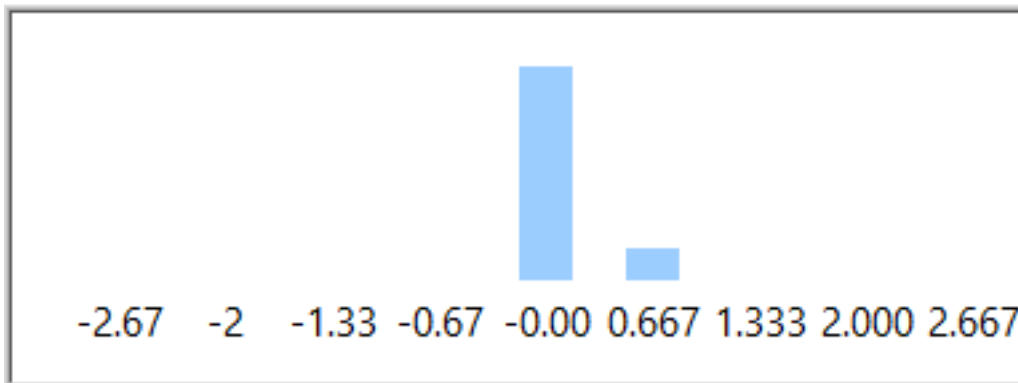


Figure88 Bar Chart 2180.387Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 2257.309  | -3.0000    | 3.0000     | 5.974 | 5.625 | 6.323 | 5.625 |

Distribution Chart

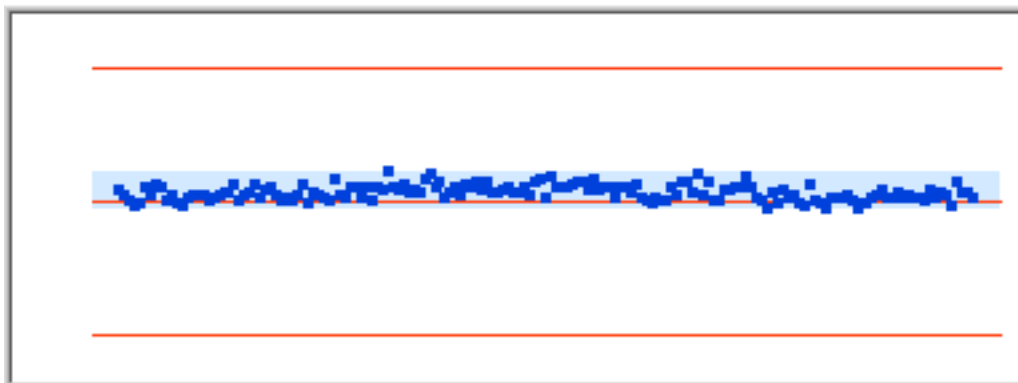


Figure89 Distribution 2257.309Hz

Bar Chart

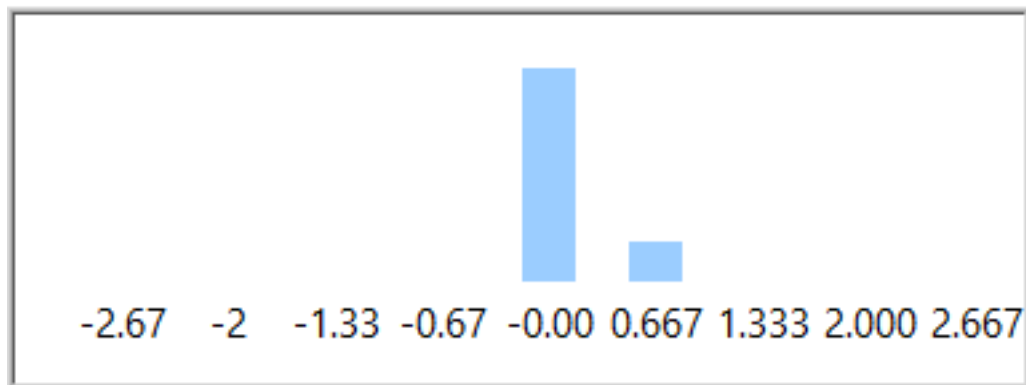


Figure90 Bar Chart 2257.309Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 2336.678  | -3.0000    | 3.0000     | 5.571 | 5.205 | 5.937 | 5.205 |

Distribution Chart

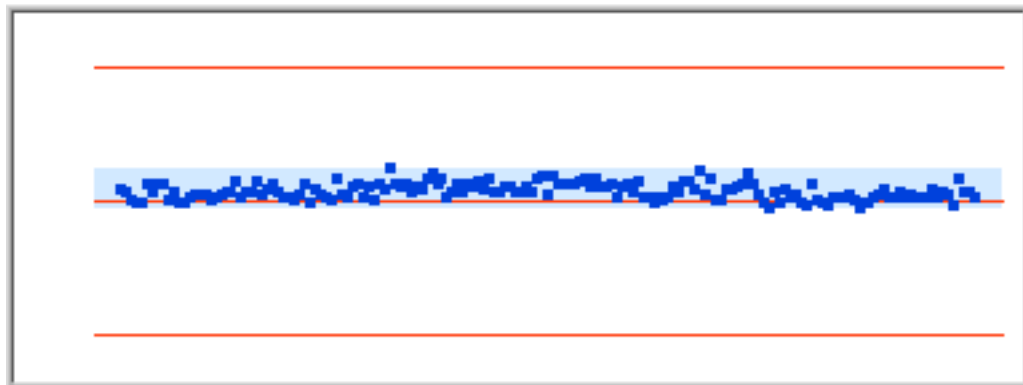


Figure91 Distribution 2336.678Hz

Bar Chart

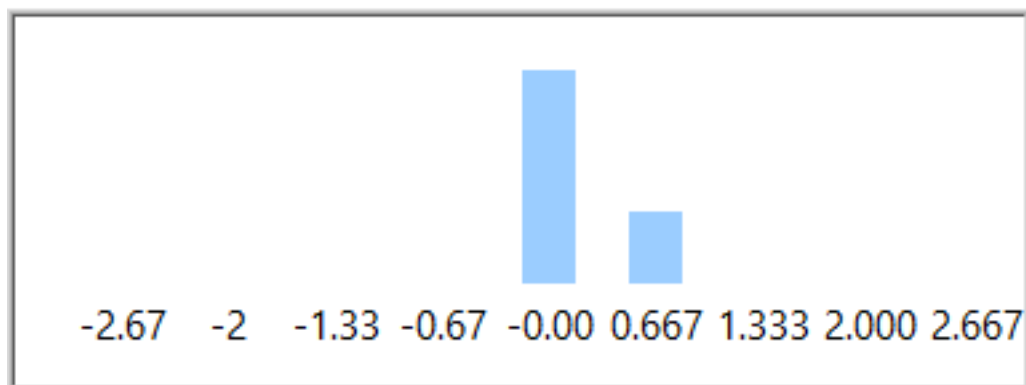


Figure92 Bar Chart 2336.678Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 2336.678  | -3.0000    | 3.0000     | 5.571 | 5.205 | 5.937 | 5.205 |

|          |         |        |       |       |       |       |
|----------|---------|--------|-------|-------|-------|-------|
| 2419.113 | -3.0000 | 3.0000 | 5.288 | 4.910 | 5.667 | 4.910 |
|----------|---------|--------|-------|-------|-------|-------|

Distribution Chart

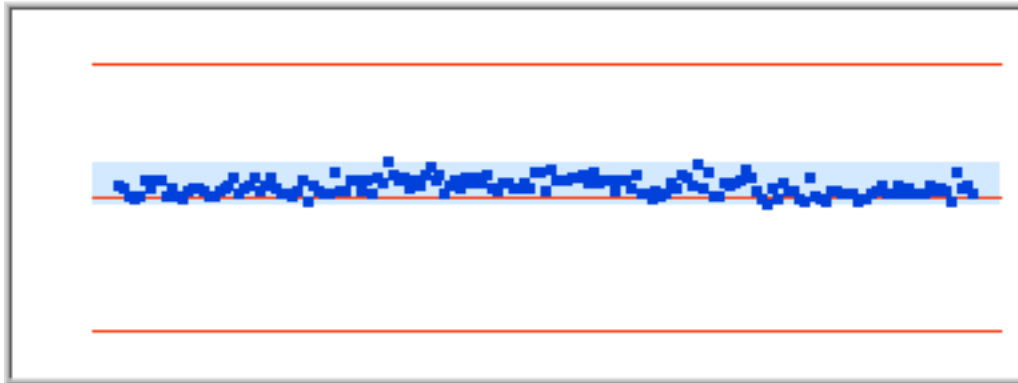


Figure93 Distribution 2419.113Hz

Bar Chart

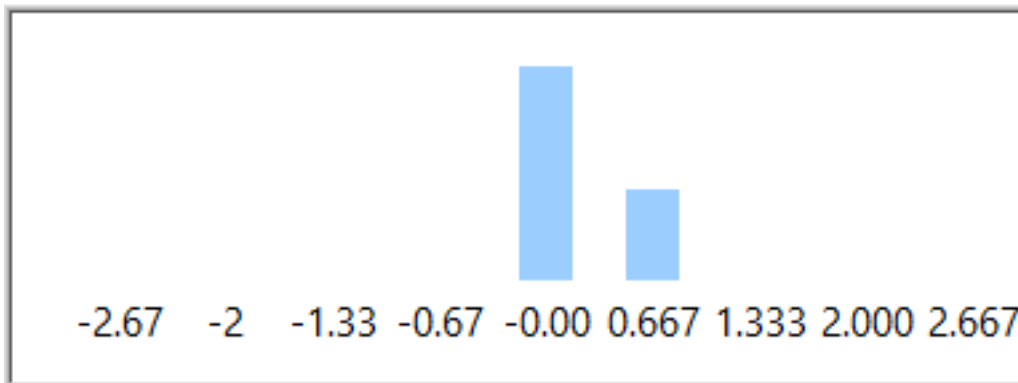


Figure94 Bar Chart 2419.113Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 2504.457  | -3.0000    | 3.0000     | 5.448 | 5.061 | 5.835 | 5.061 |

Distribution Chart

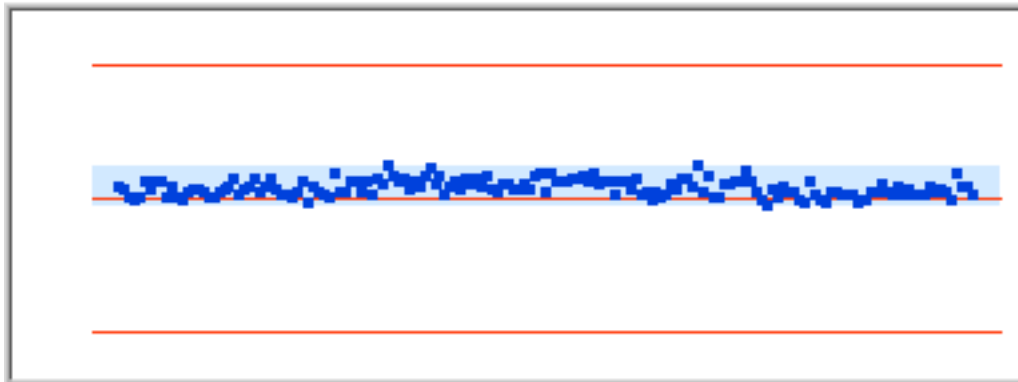


Figure95 Distribution 2504.457Hz

Bar Chart

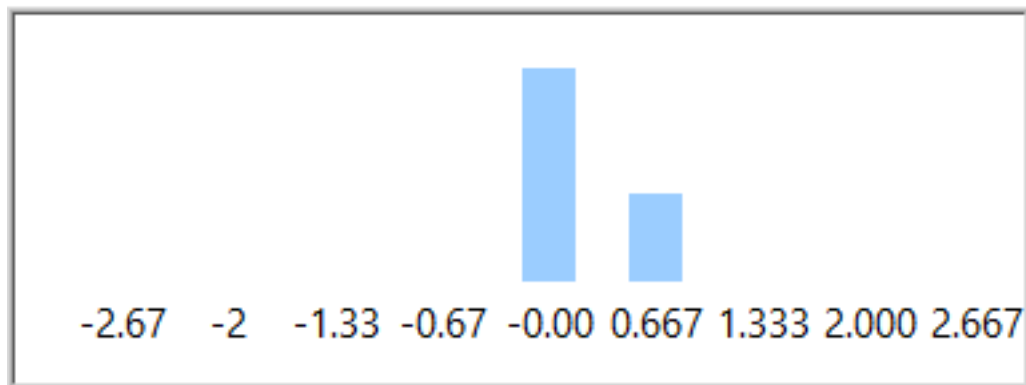


Figure96 Bar Chart 2504.457Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 2592.515  | -3.0000    | 3.0000     | 6.546 | 6.168 | 6.923 | 6.168 |

Distribution Chart

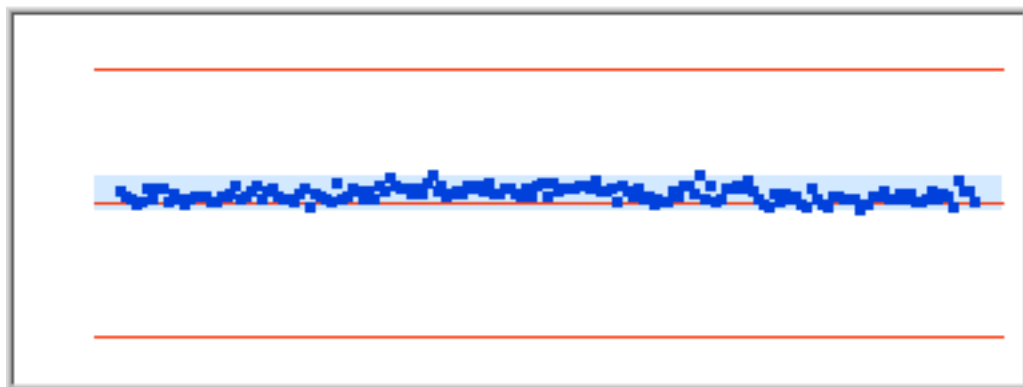


Figure97 Distribution 2592.515Hz

Bar Chart

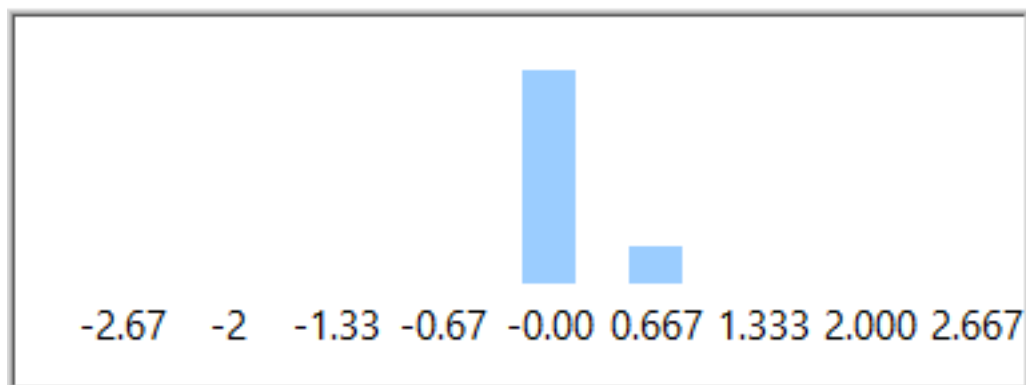


Figure98 Bar Chart 2592.515Hz

| Frequency | LowerLimit | UpperLimit | CP | CPK | Cpl | Cpu |
|-----------|------------|------------|----|-----|-----|-----|
|-----------|------------|------------|----|-----|-----|-----|

|          |         |        |       |       |       |       |
|----------|---------|--------|-------|-------|-------|-------|
| 2683.976 | -3.0000 | 3.0000 | 8.867 | 8.584 | 9.151 | 8.584 |
|----------|---------|--------|-------|-------|-------|-------|

Distribution Chart

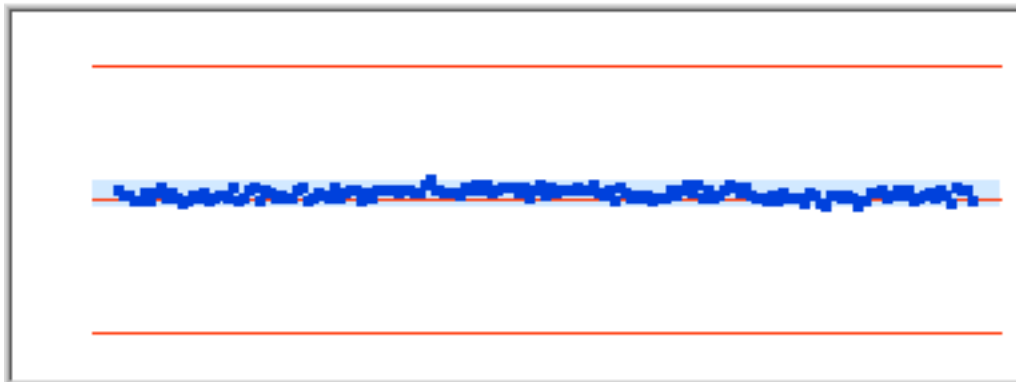


Figure99 Distribution 2683.976Hz

Bar Chart

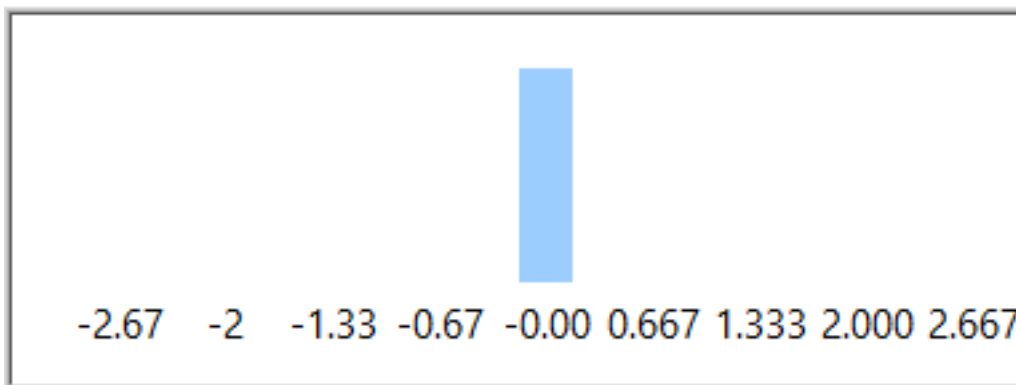


Figure100 Bar Chart 2683.976Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 2778.347  | -3.0000    | 3.0000     | 9.347 | 9.336 | 9.359 | 9.336 |

Distribution Chart

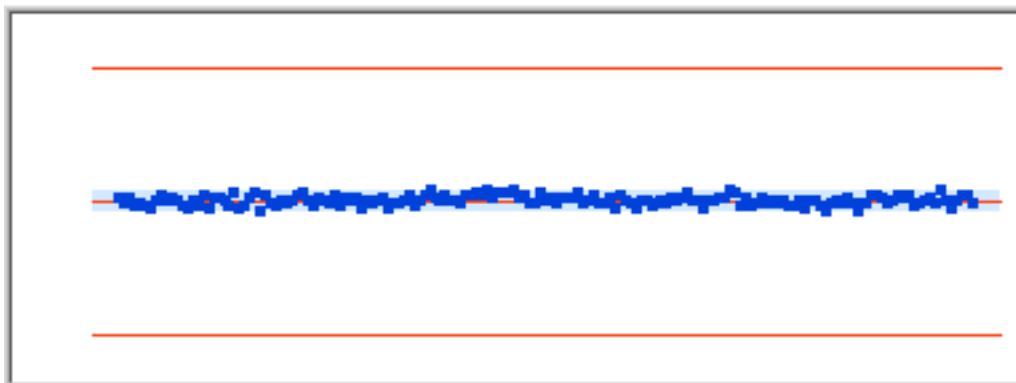


Figure101 Distribution 2778.347Hz

Bar Chart

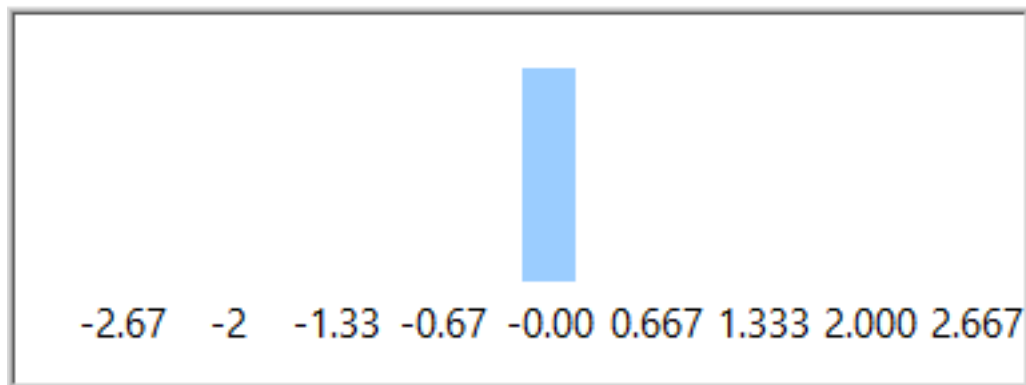


Figure102 Bar Chart 2778.347Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 2876.364  | -3.0000    | 3.0000     | 7.773 | 7.588 | 7.588 | 7.959 |

Distribution Chart

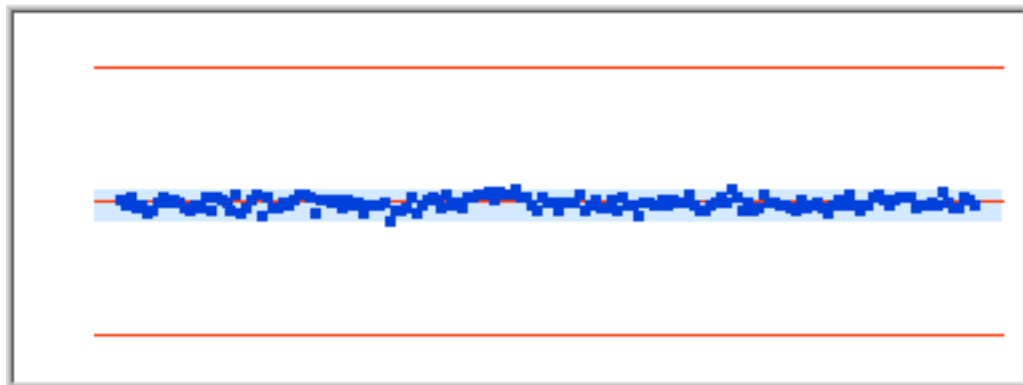


Figure103 Distribution 2876.364Hz

Bar Chart

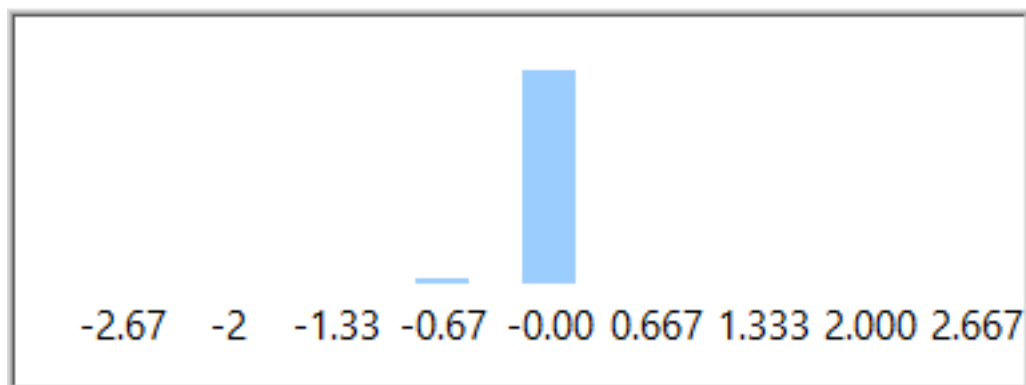


Figure104 Bar Chart 2876.364Hz

| Frequency | LowerLimit | UpperLimit | CP | CPK | Cpl | Cpu |
|-----------|------------|------------|----|-----|-----|-----|
|-----------|------------|------------|----|-----|-----|-----|

|          |         |        |       |       |       |       |
|----------|---------|--------|-------|-------|-------|-------|
| 2977.839 | -3.0000 | 3.0000 | 7.057 | 6.798 | 6.798 | 7.316 |
|----------|---------|--------|-------|-------|-------|-------|

Distribution Chart

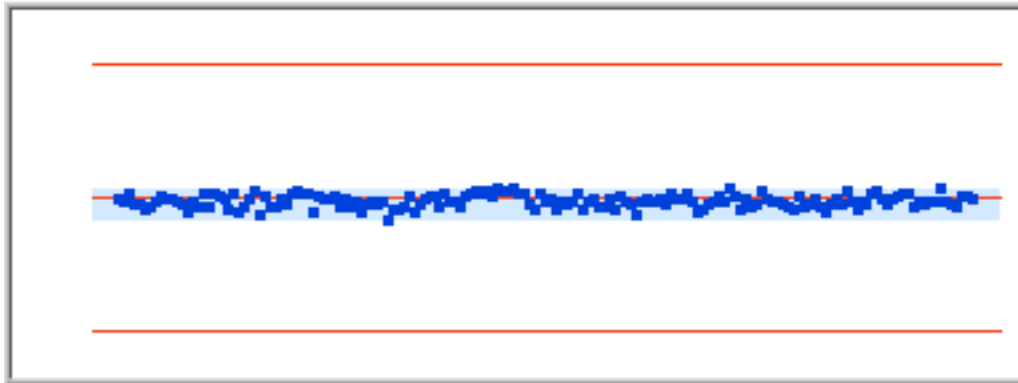


Figure105 Distribution 2977.839Hz

Bar Chart

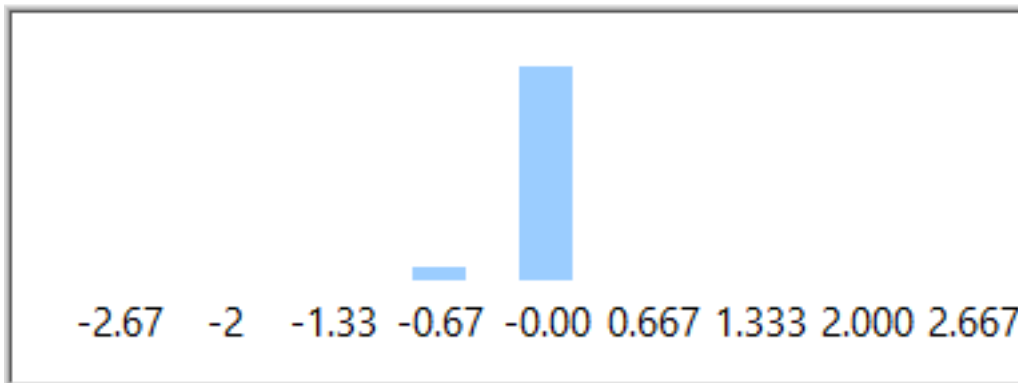


Figure106 Bar Chart 2977.839Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 3082.542  | -3.0000    | 3.0000     | 6.975 | 6.696 | 6.696 | 7.254 |

Distribution Chart

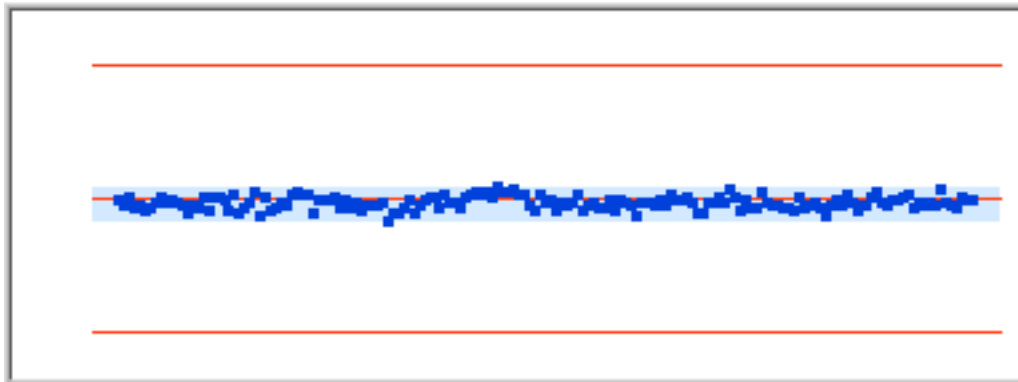


Figure107 Distribution 3082.542Hz

Bar Chart

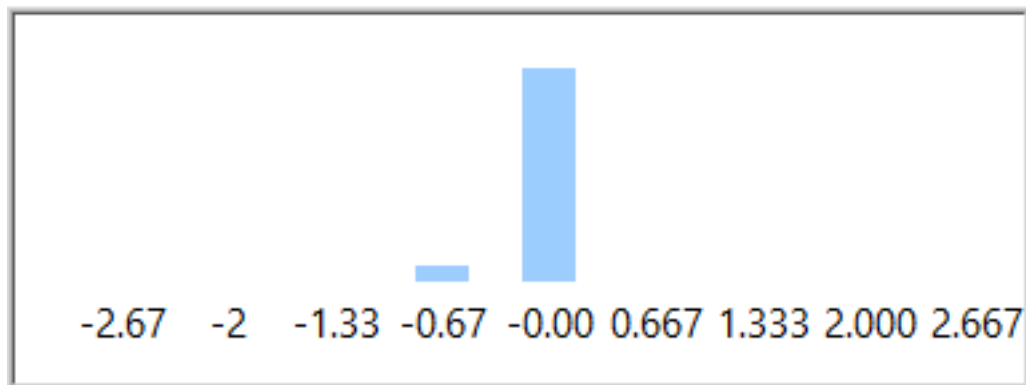


Figure108 Bar Chart 3082.542Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 3191.291  | -3.0000    | 3.0000     | 7.097 | 6.825 | 6.825 | 7.368 |

Distribution Chart

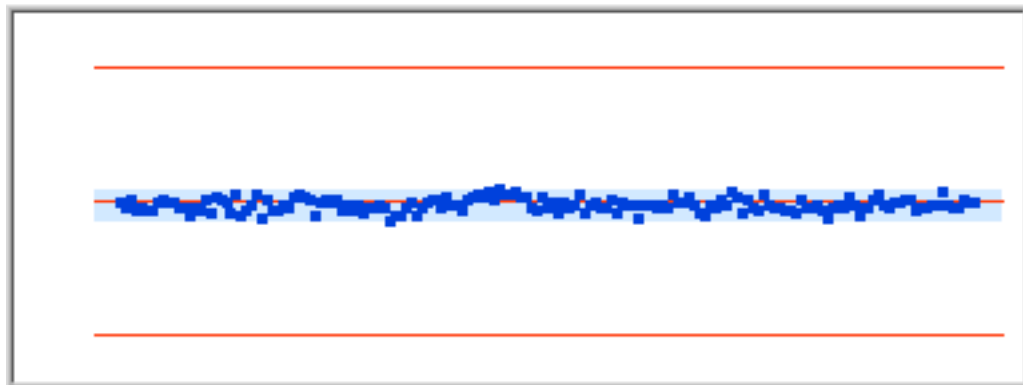


Figure109 Distribution 3191.291Hz

Bar Chart

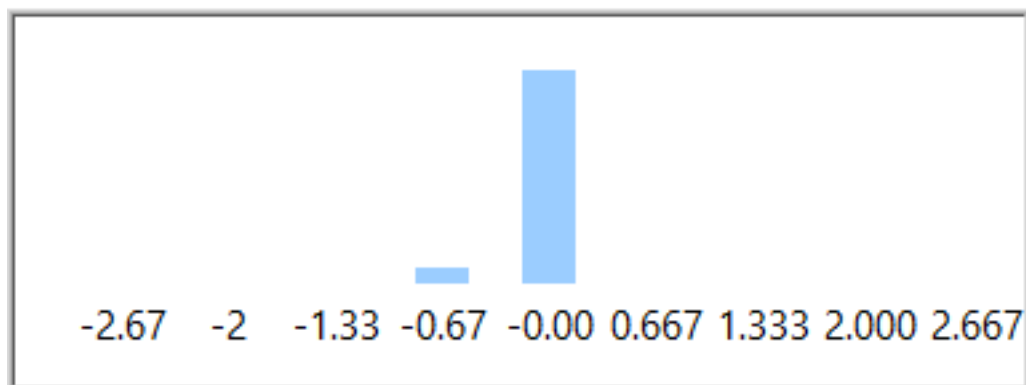


Figure110 Bar Chart 3191.291Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 3191.291  | -3.0000    | 3.0000     | 7.097 | 6.825 | 6.825 | 7.368 |

|          |         |        |       |       |       |       |
|----------|---------|--------|-------|-------|-------|-------|
| 3303.876 | -3.0000 | 3.0000 | 7.217 | 6.961 | 6.961 | 7.472 |
|----------|---------|--------|-------|-------|-------|-------|

Distribution Chart

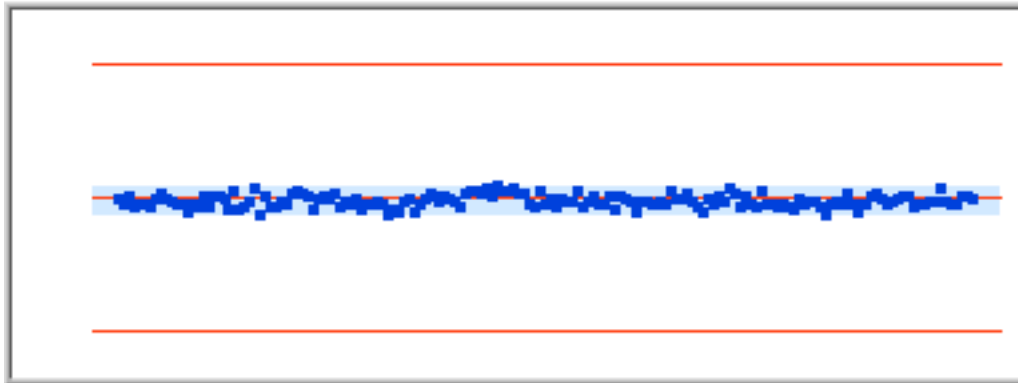


Figure111 Distribution 3303.876Hz

Bar Chart

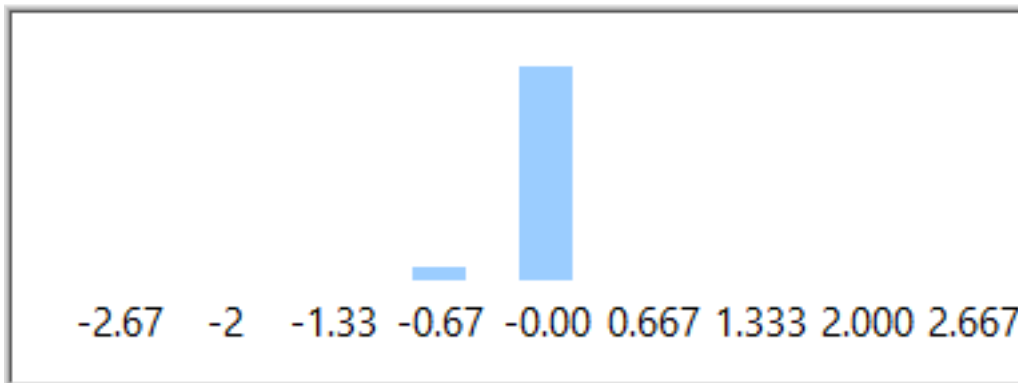


Figure112 Bar Chart 3303.876Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 3420.042  | -3.0000    | 3.0000     | 7.263 | 7.027 | 7.027 | 7.498 |

Distribution Chart

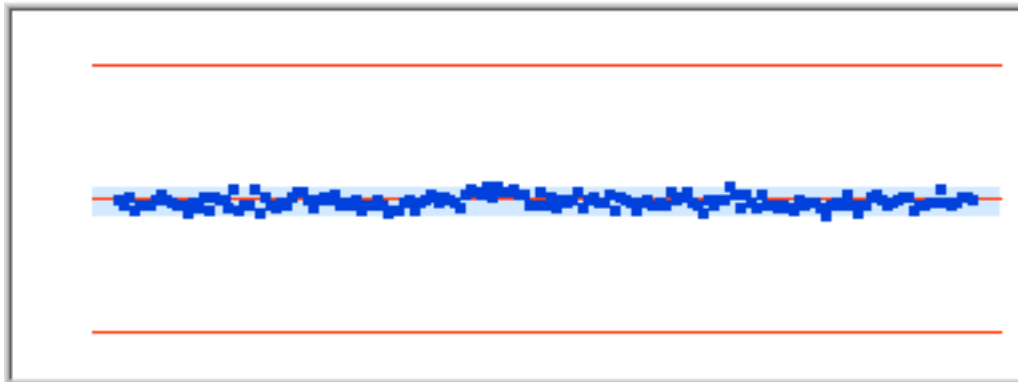


Figure113 Distribution 3420.042Hz

Bar Chart

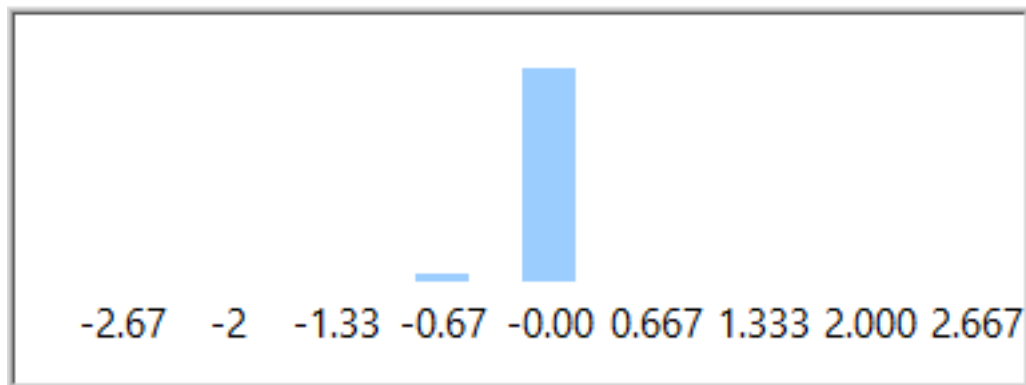


Figure114 Bar Chart 3420.042Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 3540.698  | -2.9729    | 2.9729     | 7.157 | 6.933 | 6.933 | 7.382 |

Distribution Chart

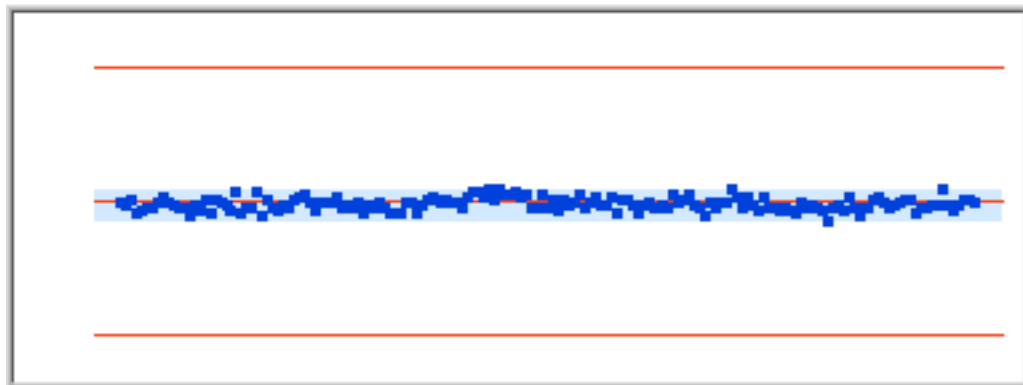


Figure115 Distribution 3540.698Hz

Bar Chart

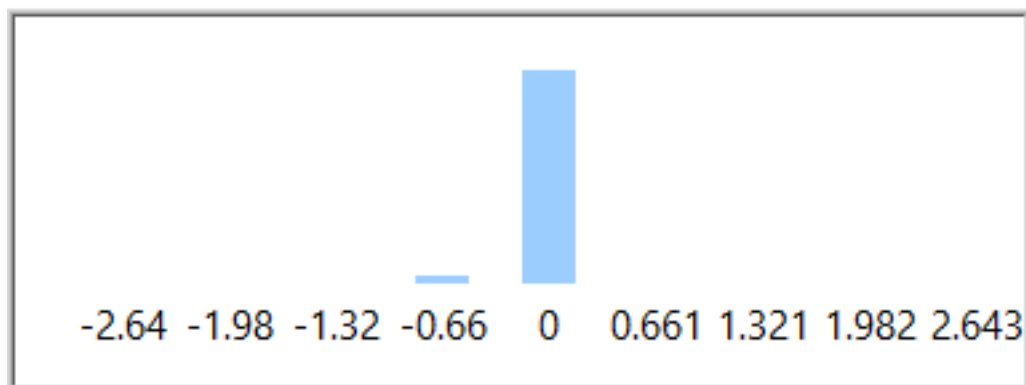


Figure116 Bar Chart 3540.698Hz

| Frequency | LowerLimit | UpperLimit | CP | CPK | Cpl | Cpu |
|-----------|------------|------------|----|-----|-----|-----|
|-----------|------------|------------|----|-----|-----|-----|

|          |         |        |       |       |       |       |
|----------|---------|--------|-------|-------|-------|-------|
| 3665.609 | -2.8896 | 2.8896 | 6.863 | 6.622 | 6.622 | 7.105 |
|----------|---------|--------|-------|-------|-------|-------|

Distribution Chart

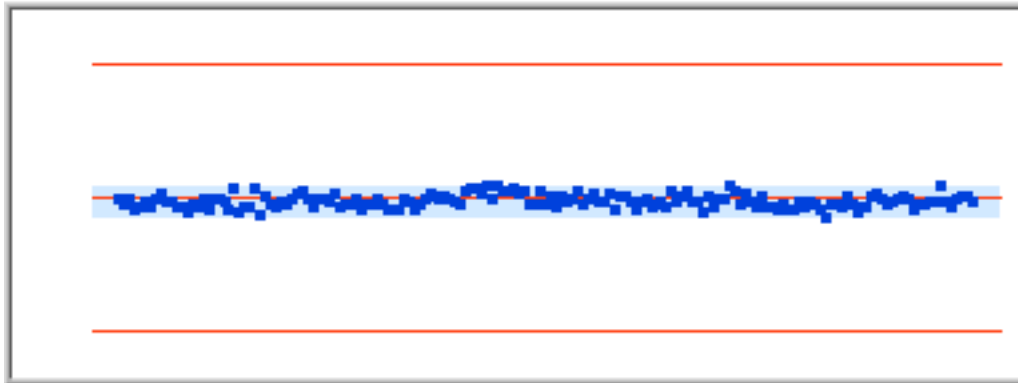


Figure117 Distribution 3665.609Hz

Bar Chart

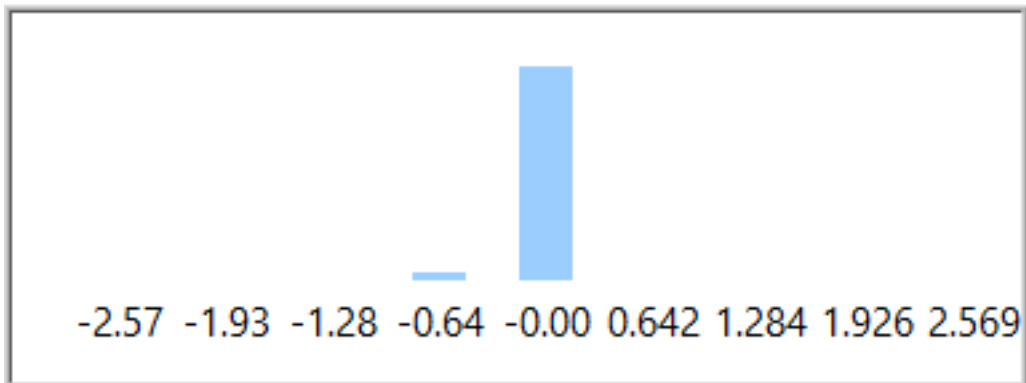


Figure118 Bar Chart 3665.609Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 3794.495  | -2.8037    | 2.8037     | 6.557 | 6.302 | 6.302 | 6.812 |

Distribution Chart

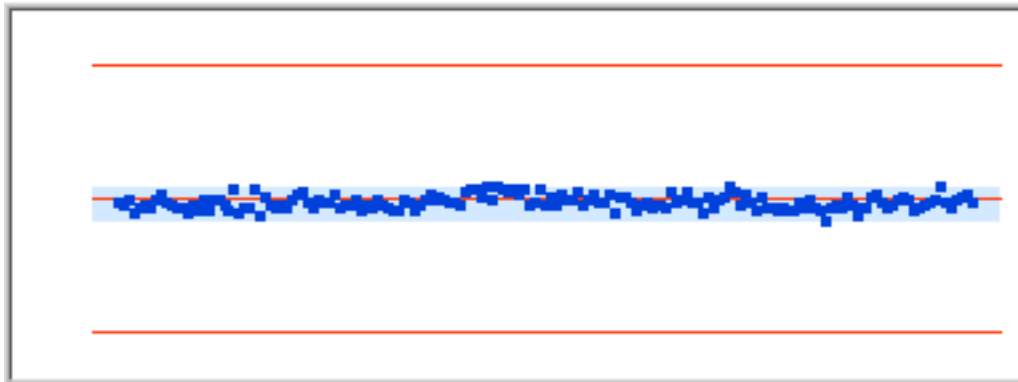


Figure119 Distribution 3794.495Hz

Bar Chart

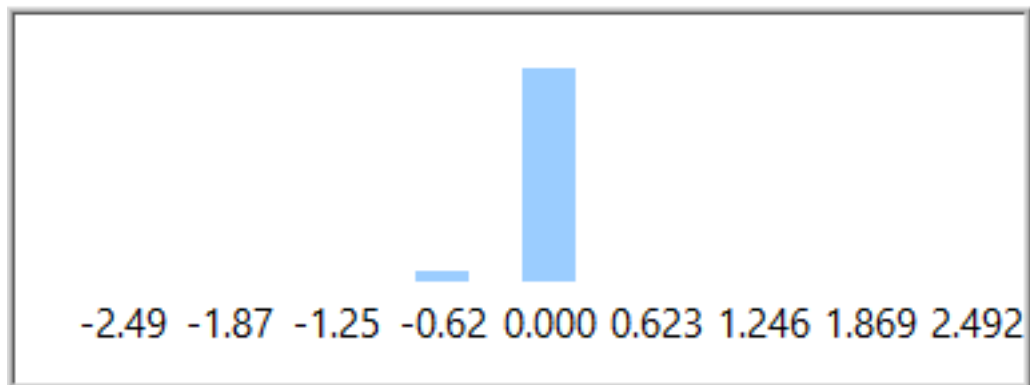


Figure120 Bar Chart 3794.495Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 3928.361  | -2.7144    | 2.7144     | 6.292 | 6.029 | 6.029 | 6.555 |

Distribution Chart

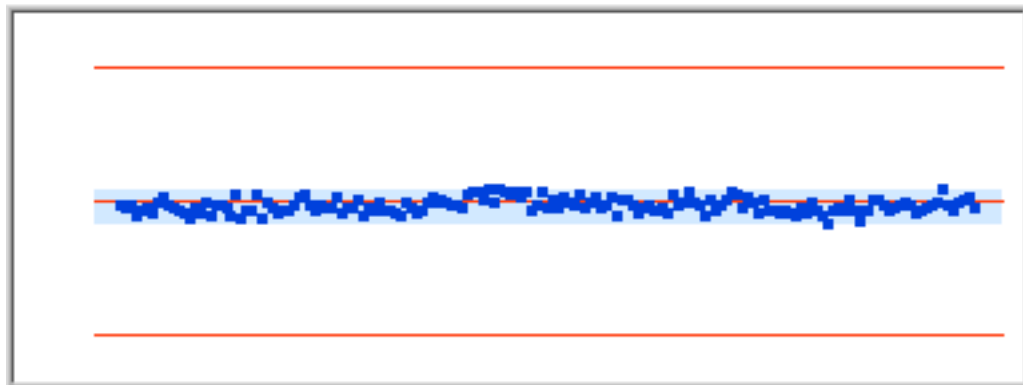


Figure121 Distribution 3928.361Hz

Bar Chart

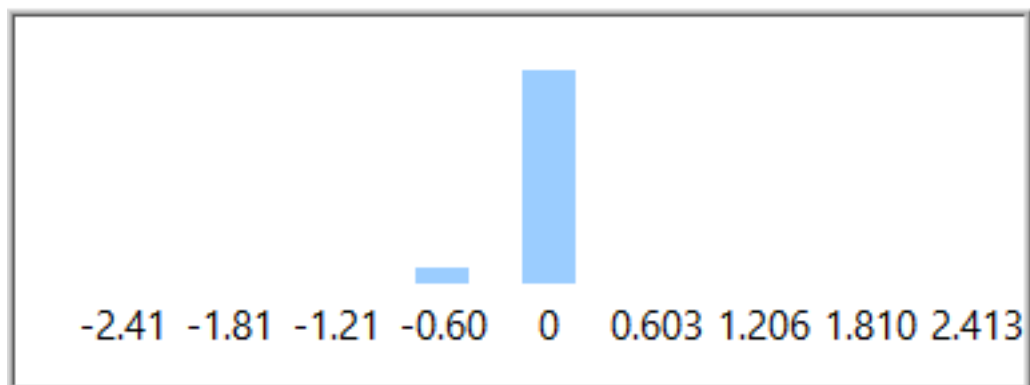


Figure122 Bar Chart 3928.361Hz

| Frequency | LowerLimit | UpperLimit | CP | CPK | Cpl | Cpu |
|-----------|------------|------------|----|-----|-----|-----|
|-----------|------------|------------|----|-----|-----|-----|

|          |         |        |       |       |       |       |
|----------|---------|--------|-------|-------|-------|-------|
| 4066.485 | -2.6223 | 2.6223 | 6.166 | 5.916 | 5.916 | 6.416 |
|----------|---------|--------|-------|-------|-------|-------|

Distribution Chart

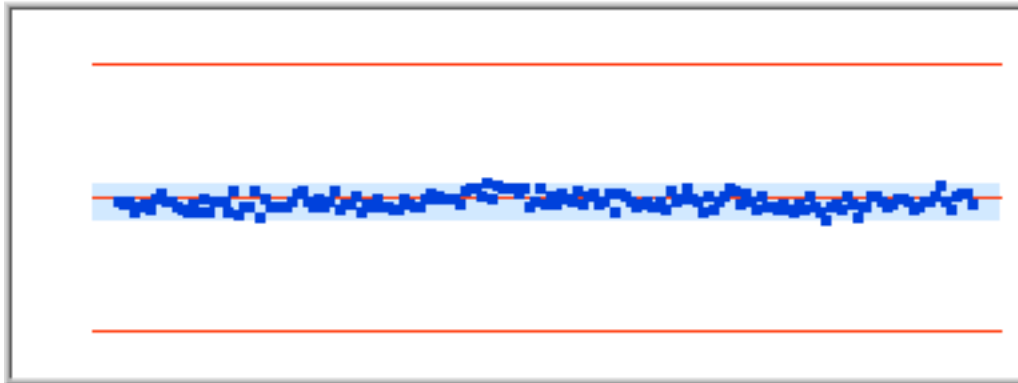


Figure123 Distribution 4066.485Hz

Bar Chart

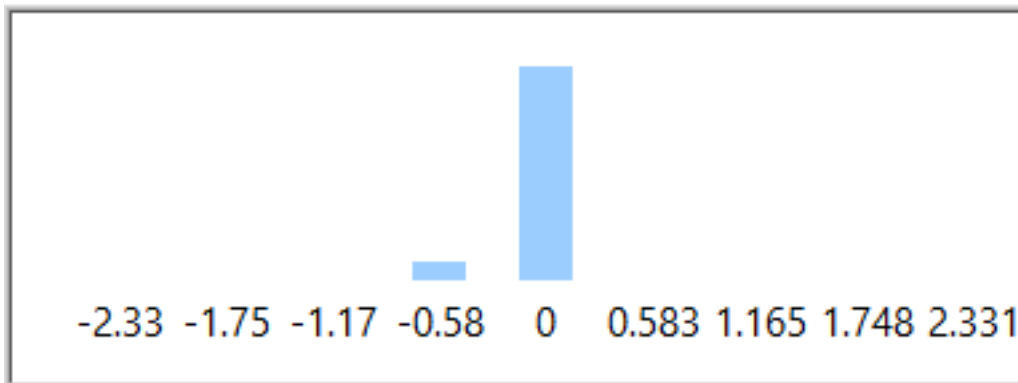


Figure124 Bar Chart 4066.485Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 4209.946  | -2.5267    | 2.5267     | 6.250 | 6.058 | 6.058 | 6.442 |

Distribution Chart

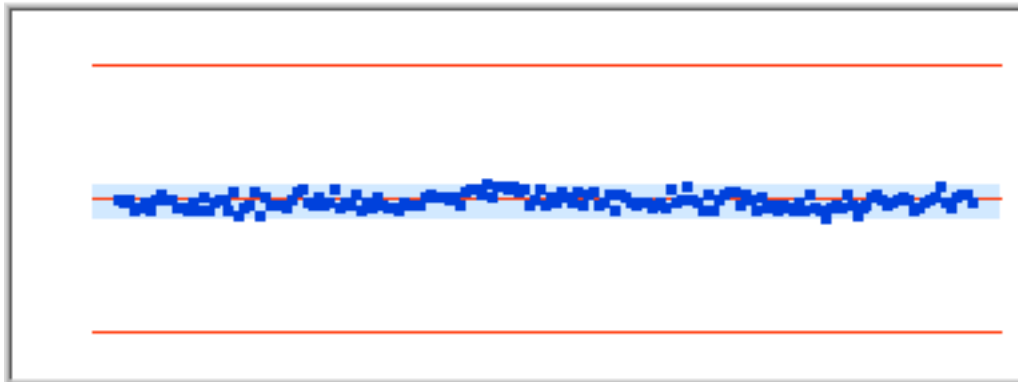


Figure125 Distribution 4209.946Hz

Bar Chart

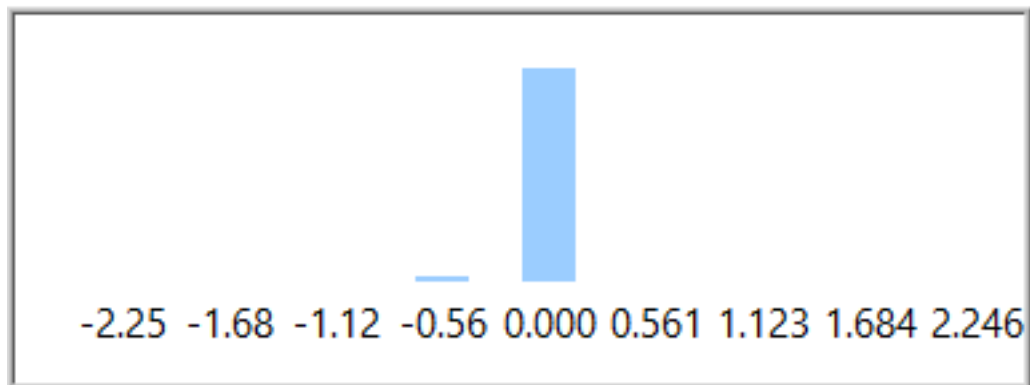


Figure126 Bar Chart 4209.946Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 4358.468  | -2.4277    | 2.4277     | 6.793 | 6.635 | 6.635 | 6.950 |

Distribution Chart

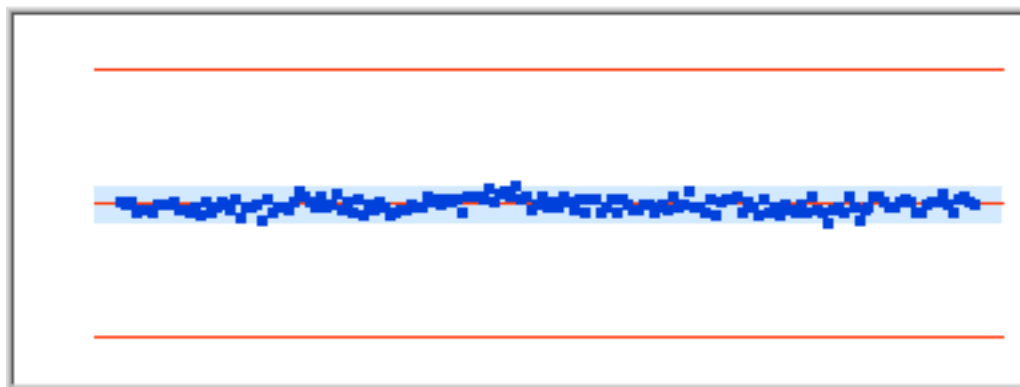


Figure127 Distribution 4358.468Hz

Bar Chart

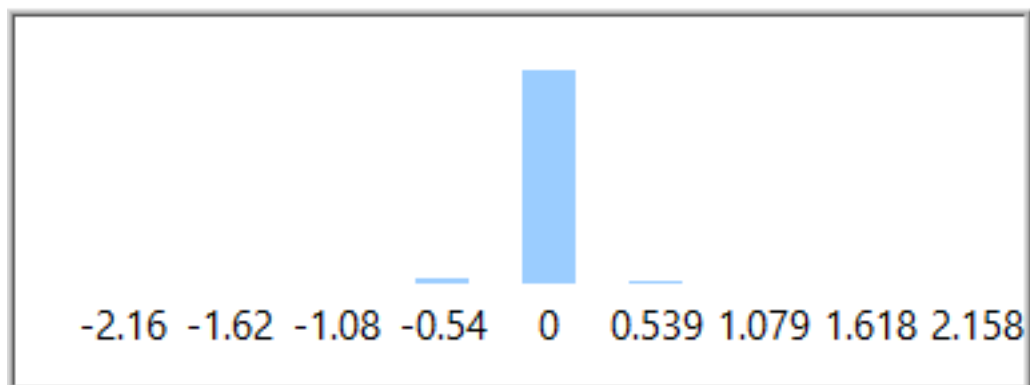


Figure128 Bar Chart 4358.468Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 4358.468  | -2.16      | 2.158      | 6.793 | 6.635 | 6.635 | 6.950 |

|          |         |        |       |       |       |       |
|----------|---------|--------|-------|-------|-------|-------|
| 4511.715 | -2.3255 | 2.3255 | 5.791 | 5.769 | 5.769 | 5.812 |
|----------|---------|--------|-------|-------|-------|-------|

Distribution Chart

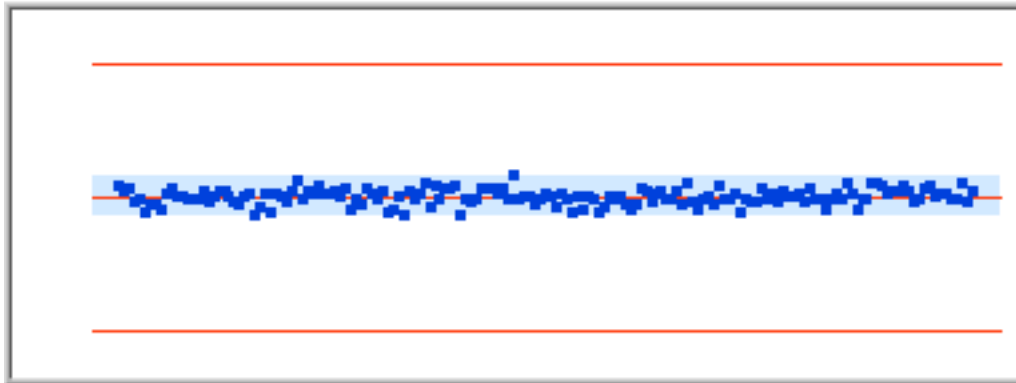


Figure129 Distribution 4511.715Hz

Bar Chart

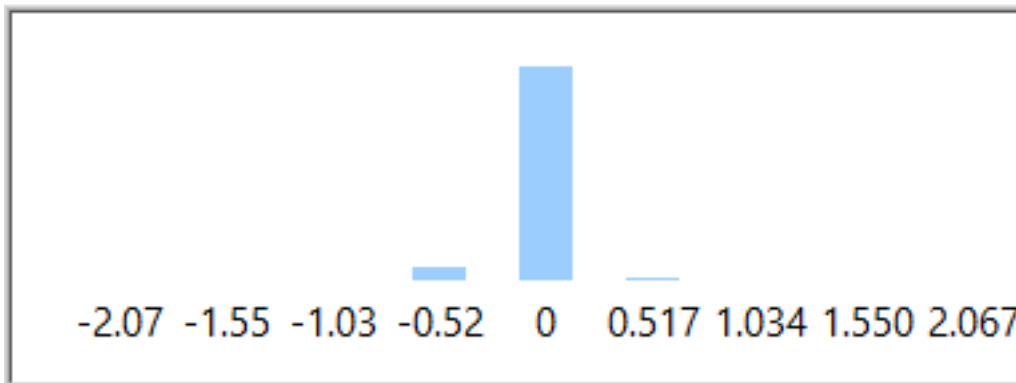


Figure130 Bar Chart 4511.715Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 4670.883  | -2.2194    | 2.2194     | 2.582 | 2.495 | 2.670 | 2.495 |

Distribution Chart

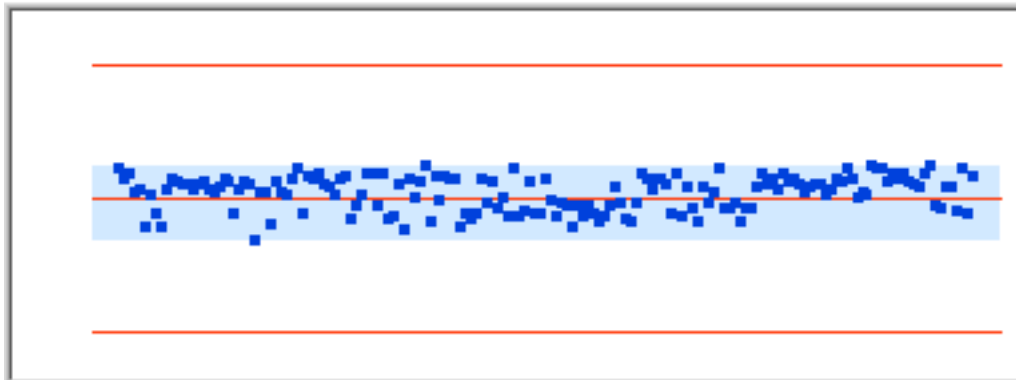


Figure131 Distribution 4670.883Hz

Bar Chart

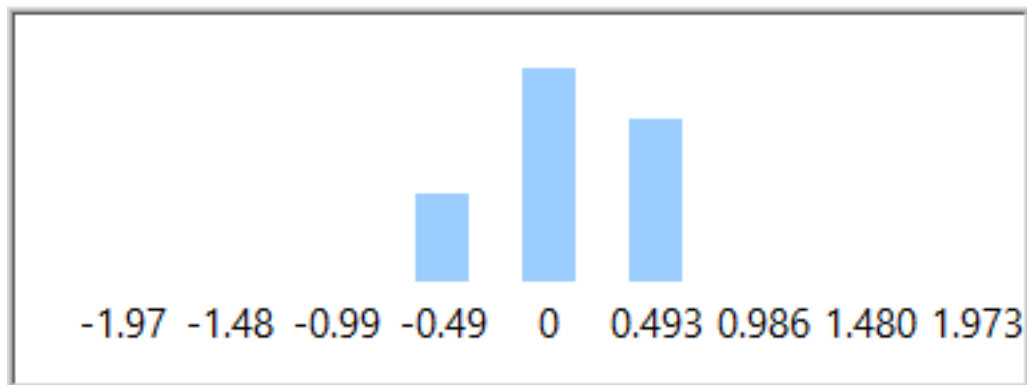


Figure132 Bar Chart 4670.883Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 4835.667  | -2.1096    | 2.1096     | 1.384 | 1.241 | 1.527 | 1.241 |

Distribution Chart

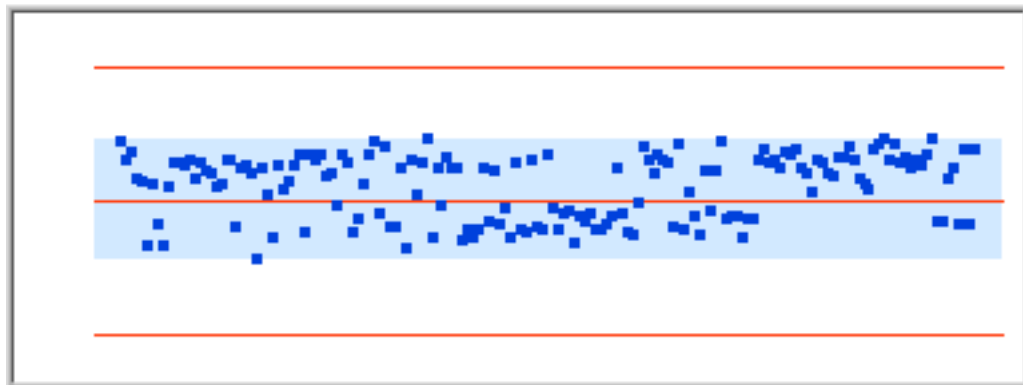


Figure133 Distribution 4835.667Hz

Bar Chart

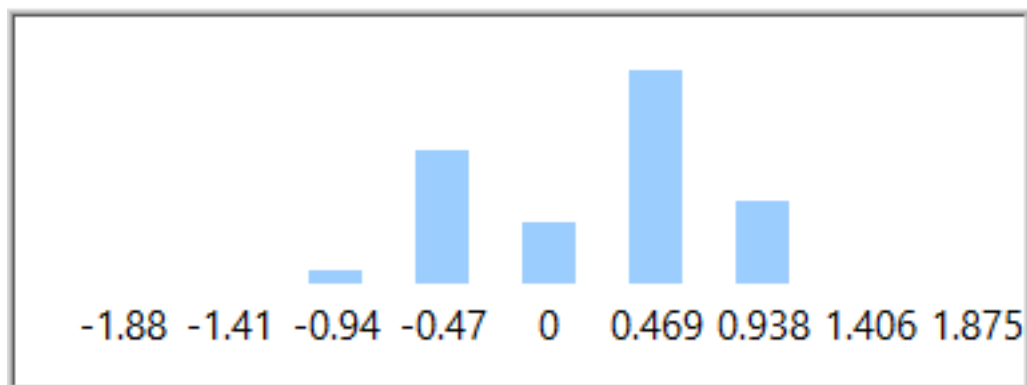


Figure134 Bar Chart 4835.667Hz

| Frequency | LowerLimit | UpperLimit | CP | CPK | Cpl | Cpu |
|-----------|------------|------------|----|-----|-----|-----|
|-----------|------------|------------|----|-----|-----|-----|

|          |         |        |       |       |       |       |
|----------|---------|--------|-------|-------|-------|-------|
| 5005.692 | -2.0009 | 2.0009 | 1.016 | 0.845 | 1.188 | 0.845 |
|----------|---------|--------|-------|-------|-------|-------|

Distribution Chart

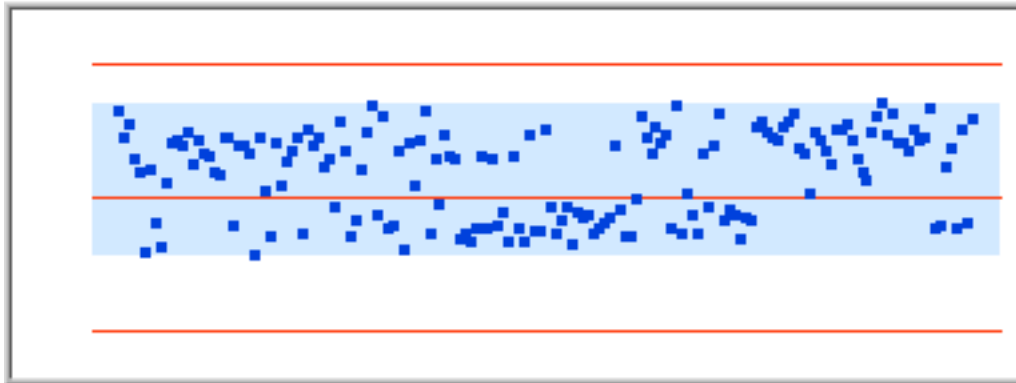


Figure135 Distribution 5005.692Hz

Bar Chart

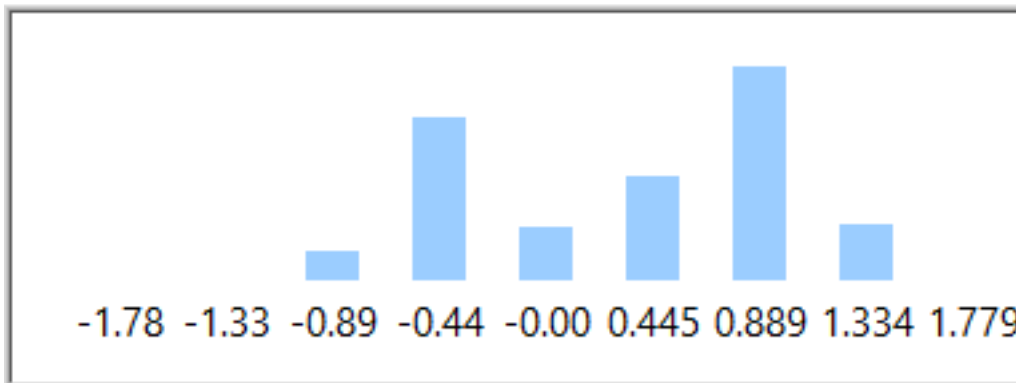


Figure136 Bar Chart 5005.692Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 5182.288  | -2.0304    | 2.0304     | 1.067 | 0.887 | 1.246 | 0.887 |

Distribution Chart

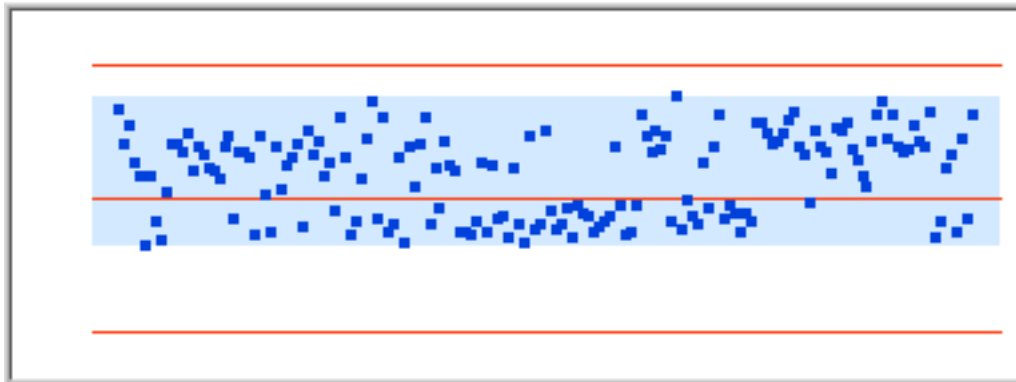


Figure137 Distribution 5182.288Hz

Bar Chart

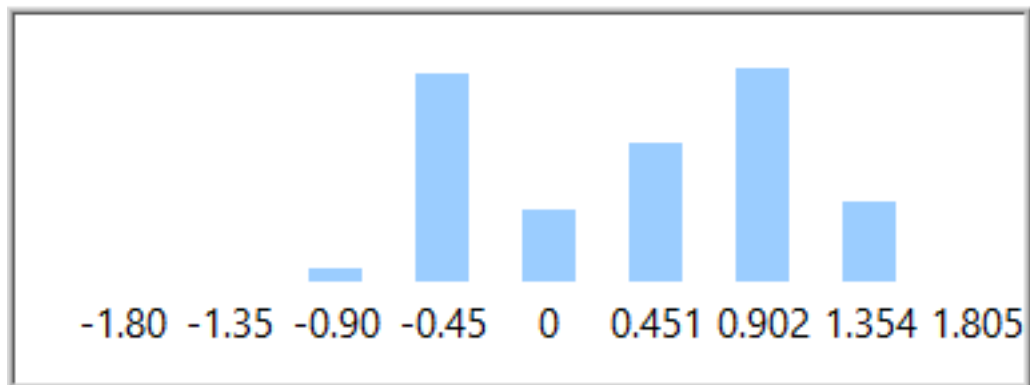


Figure138 Bar Chart 5182.288Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 5365.113  | -2.0609    | 2.0609     | 1.527 | 1.353 | 1.701 | 1.353 |

Distribution Chart

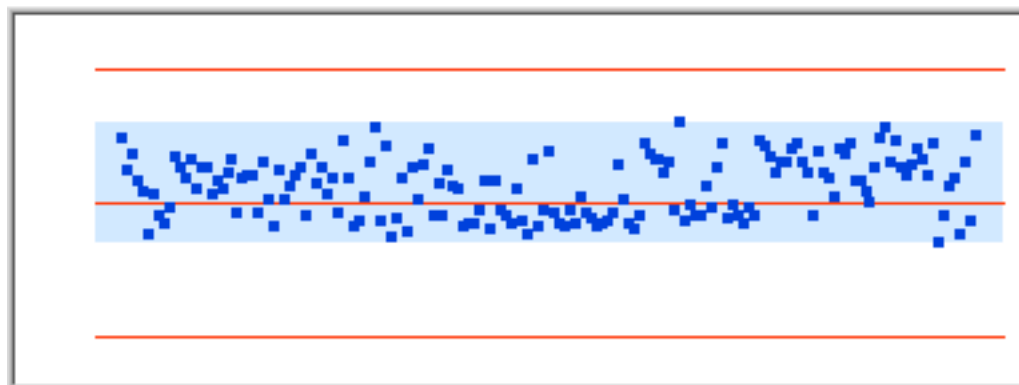


Figure139 Distribution 5365.113Hz

Bar Chart

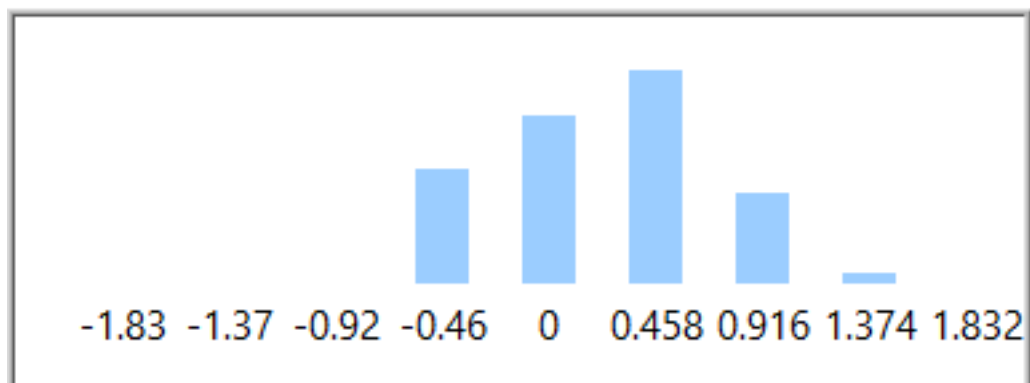


Figure140 Bar Chart 5365.113Hz

| Frequency | LowerLimit | UpperLimit | CP | CPK | Cpl | Cpu |
|-----------|------------|------------|----|-----|-----|-----|
|-----------|------------|------------|----|-----|-----|-----|

|          |         |        |       |       |       |       |
|----------|---------|--------|-------|-------|-------|-------|
| 5553.754 | -2.0923 | 2.0923 | 3.069 | 2.915 | 3.223 | 2.915 |
|----------|---------|--------|-------|-------|-------|-------|

Distribution Chart

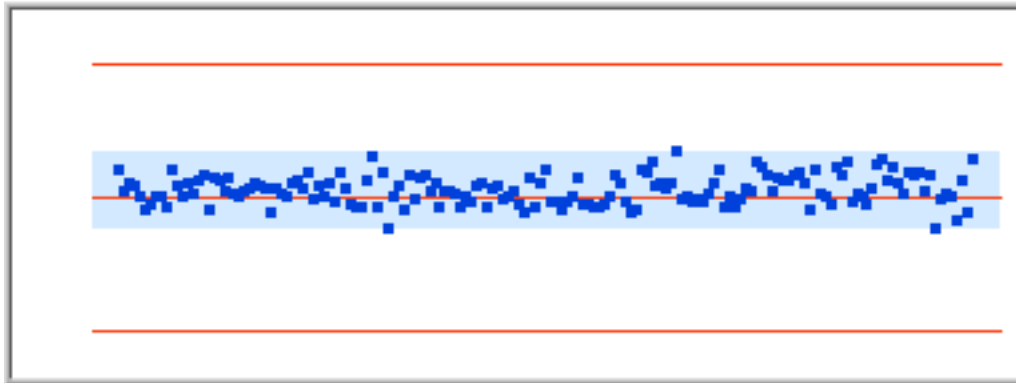


Figure141 Distribution 5553.754Hz

Bar Chart

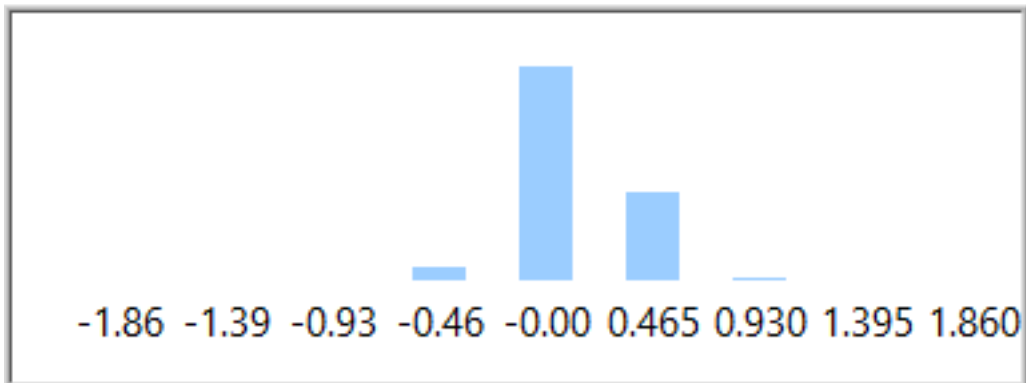


Figure142 Bar Chart 5553.754Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 5749.685  | -2.1249    | 2.1249     | 3.825 | 3.782 | 3.869 | 3.782 |

Distribution Chart

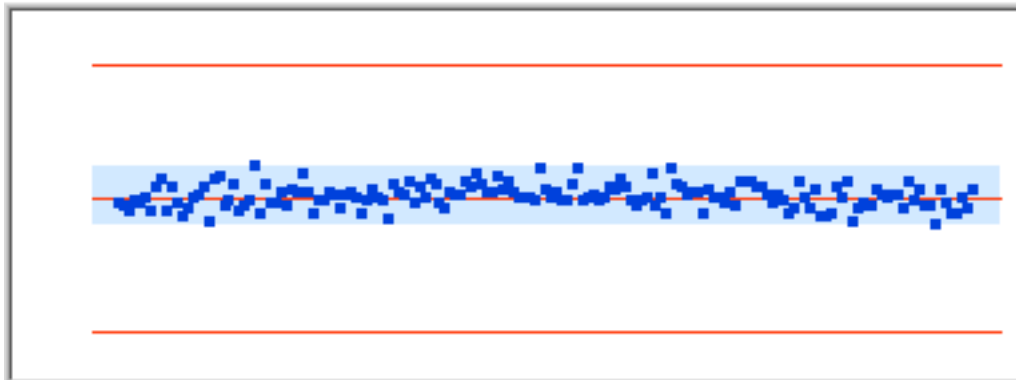


Figure143 Distribution 5749.685Hz

Bar Chart

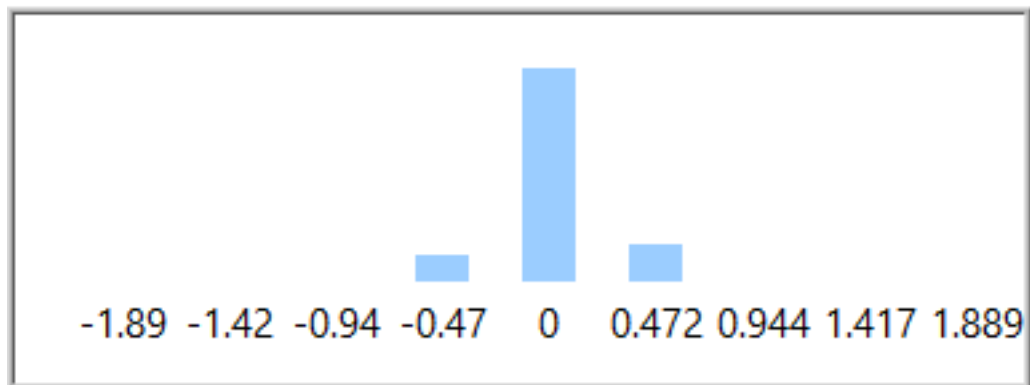


Figure144 Bar Chart 5749.685Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 5951.848  | -2.1586    | 2.1586     | 2.786 | 2.781 | 2.781 | 2.791 |

Distribution Chart

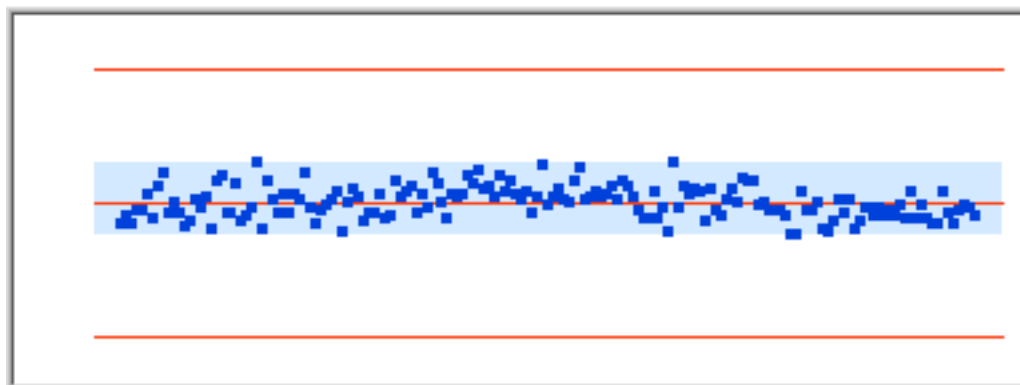


Figure145 Distribution 5951.848Hz

Bar Chart

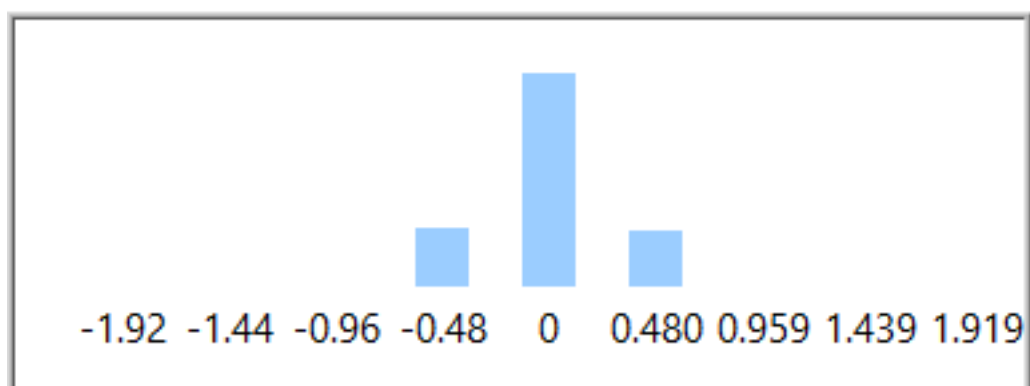


Figure146 Bar Chart 5951.848Hz

| Frequency | LowerLimit | UpperLimit | CP | CPK | Cpl | Cpu |
|-----------|------------|------------|----|-----|-----|-----|
|-----------|------------|------------|----|-----|-----|-----|

|          |         |        |       |       |       |       |
|----------|---------|--------|-------|-------|-------|-------|
| 6161.822 | -2.1936 | 2.1936 | 2.516 | 2.513 | 2.513 | 2.520 |
|----------|---------|--------|-------|-------|-------|-------|

Distribution Chart

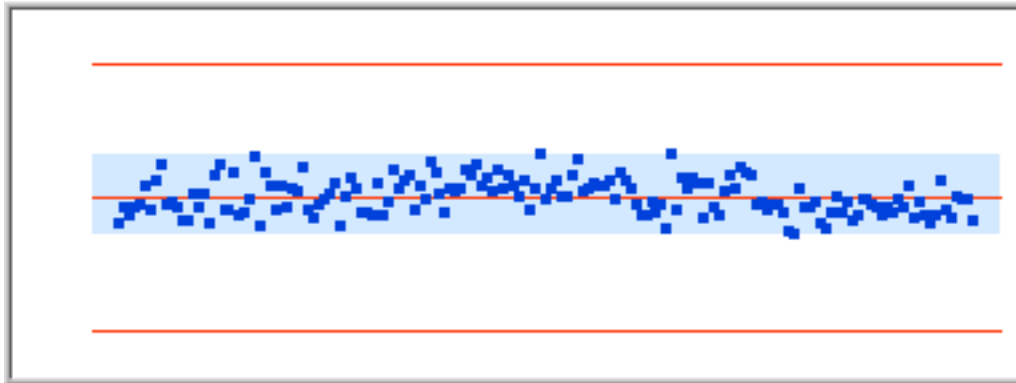


Figure147 Distribution 6161.822Hz

Bar Chart

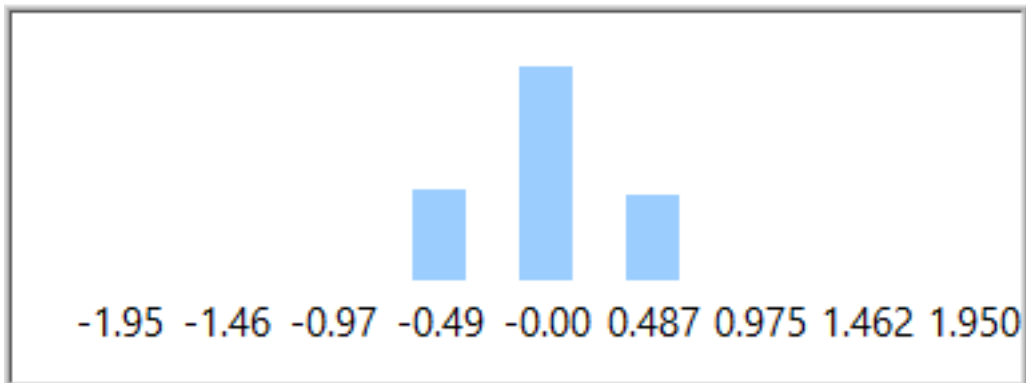


Figure148 Bar Chart 6161.822Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 6379.205  | -2.2299    | 2.2299     | 2.546 | 2.532 | 2.532 | 2.560 |

Distribution Chart

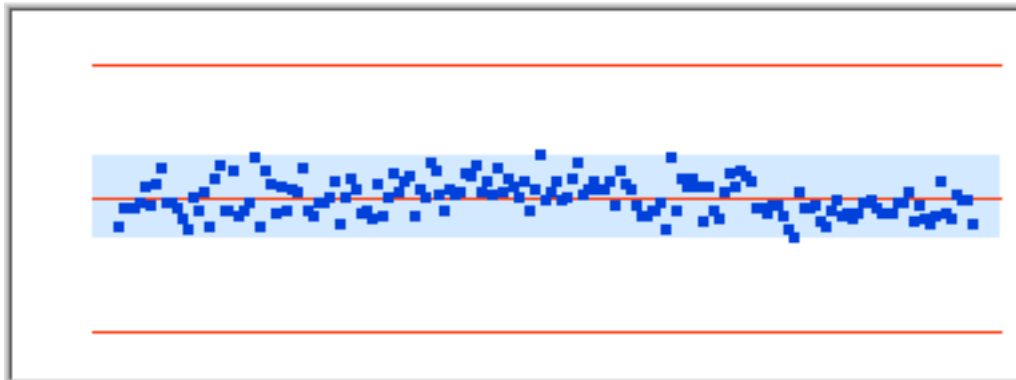


Figure149 Distribution 6379.205Hz

Bar Chart

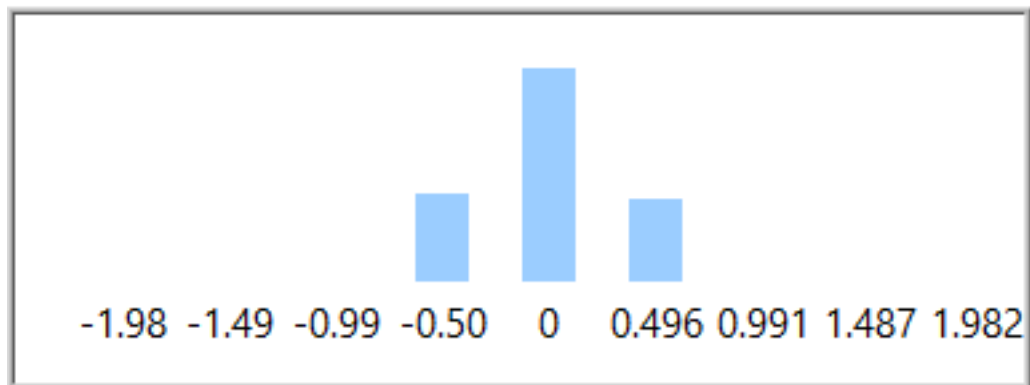


Figure150 Bar Chart 6379.205Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 6603.502  | -2.2673    | 2.2673     | 2.640 | 2.616 | 2.616 | 2.664 |

Distribution Chart

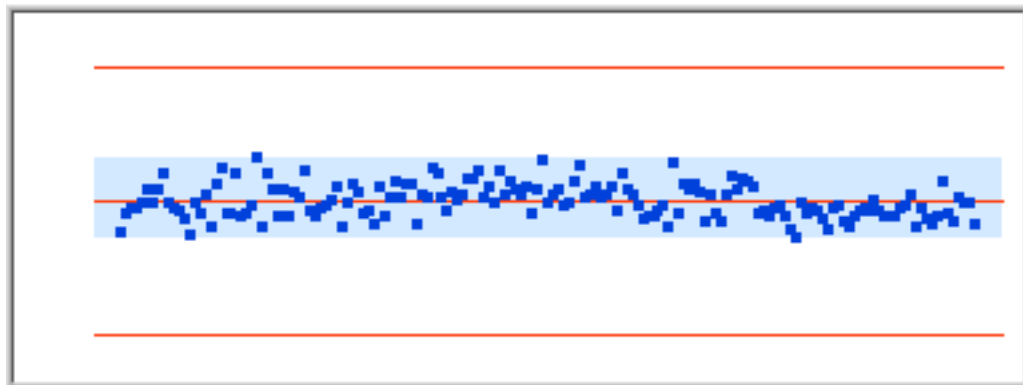


Figure151 Distribution 6603.502Hz

Bar Chart

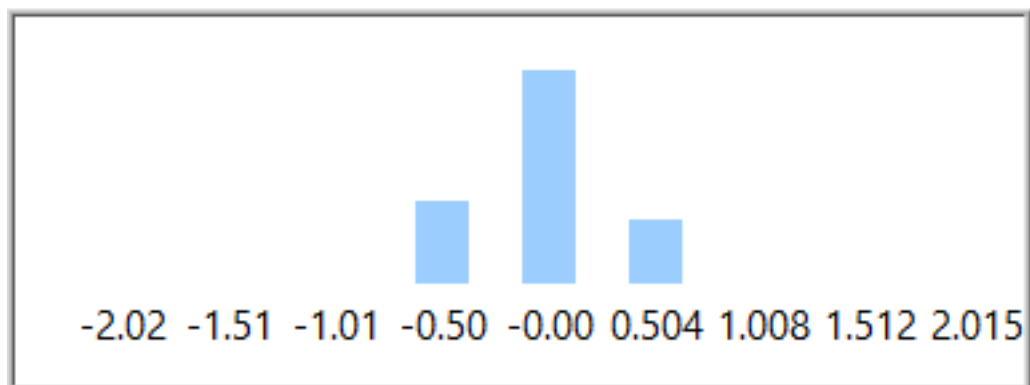


Figure152 Bar Chart 6603.502Hz

| Frequency | LowerLimit | UpperLimit | CP | CPK | Cpl | Cpu |
|-----------|------------|------------|----|-----|-----|-----|
|-----------|------------|------------|----|-----|-----|-----|

|          |         |        |       |       |       |       |
|----------|---------|--------|-------|-------|-------|-------|
| 6836.466 | -2.3061 | 2.3061 | 2.736 | 2.696 | 2.696 | 2.776 |
|----------|---------|--------|-------|-------|-------|-------|

Distribution Chart

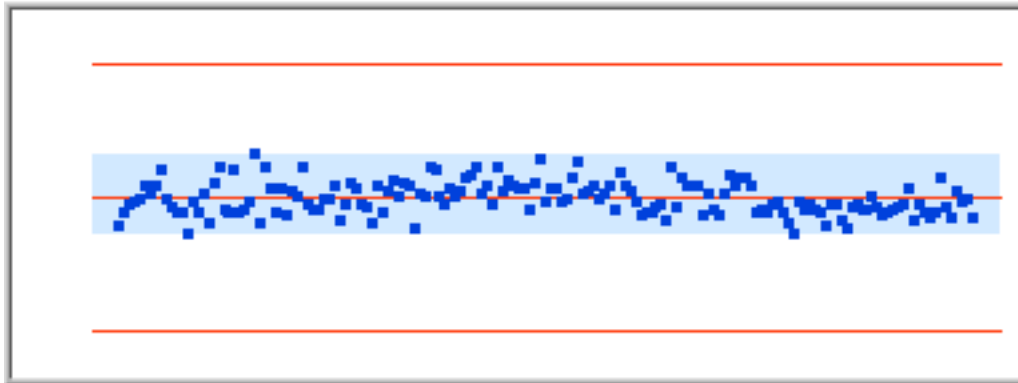


Figure153 Distribution 6836.466Hz

Bar Chart

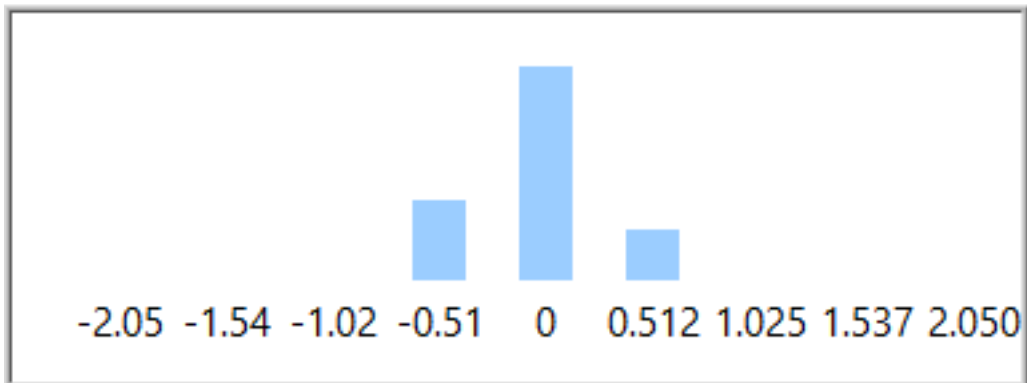


Figure154 Bar Chart 6836.466Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 7077.649  | -2.3463    | 2.3463     | 2.845 | 2.798 | 2.798 | 2.891 |

Distribution Chart

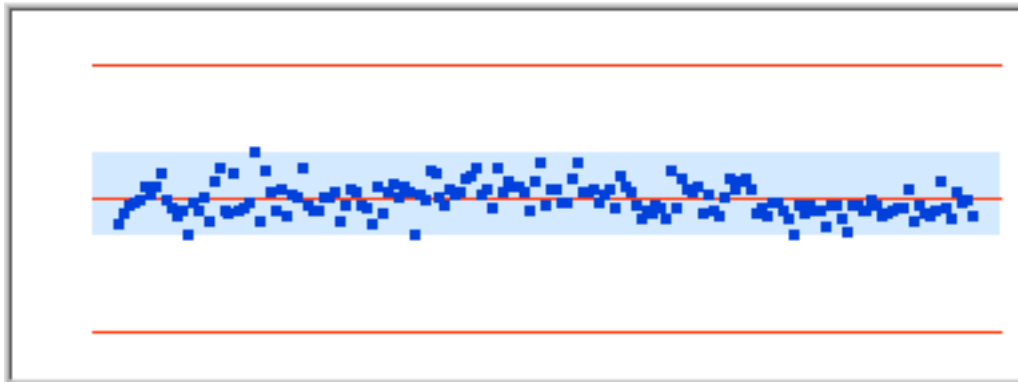


Figure155 Distribution 7077.649Hz

Bar Chart

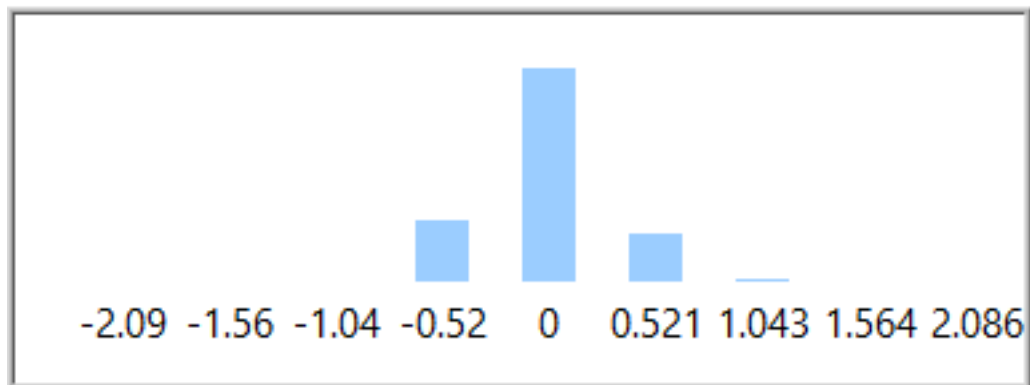


Figure156 Bar Chart 7077.649Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 7326.505  | -2.3878    | 2.3878     | 2.918 | 2.865 | 2.865 | 2.971 |

Distribution Chart

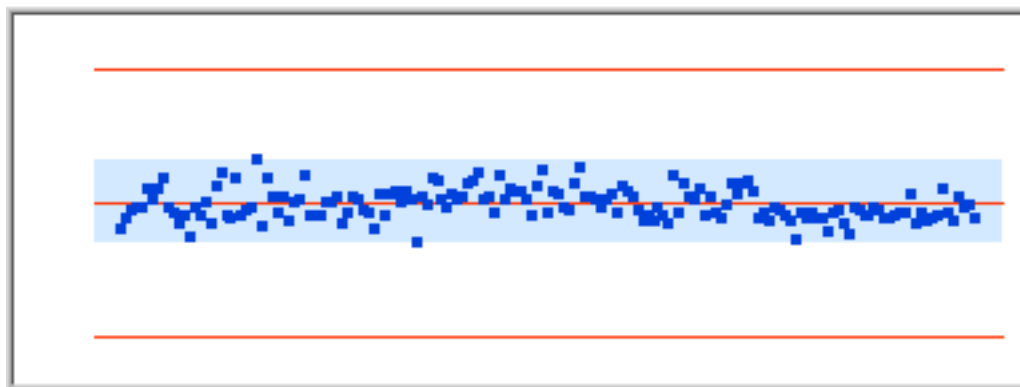


Figure157 Distribution 7326.505Hz

Bar Chart

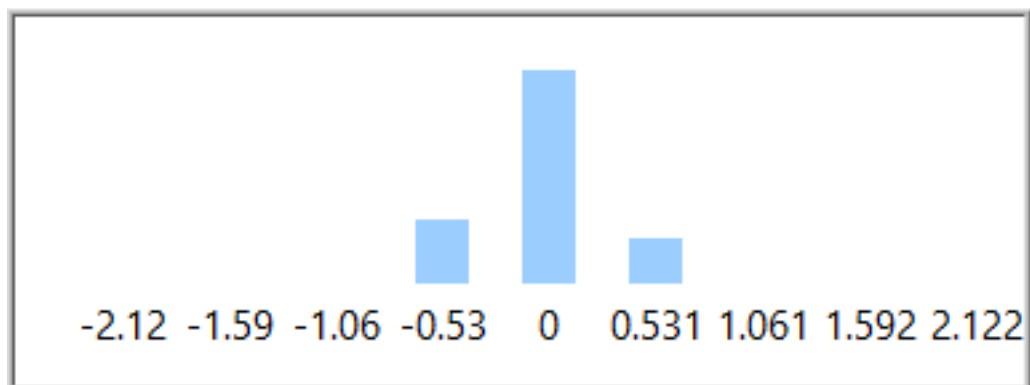


Figure158 Bar Chart 7326.505Hz

| Frequency | LowerLimit | UpperLimit | CP | CPK | Cpl | Cpu |
|-----------|------------|------------|----|-----|-----|-----|
|-----------|------------|------------|----|-----|-----|-----|

|          |         |        |       |       |       |       |
|----------|---------|--------|-------|-------|-------|-------|
| 7584.976 | -2.4308 | 2.4308 | 2.930 | 2.874 | 2.874 | 2.986 |
|----------|---------|--------|-------|-------|-------|-------|

Distribution Chart

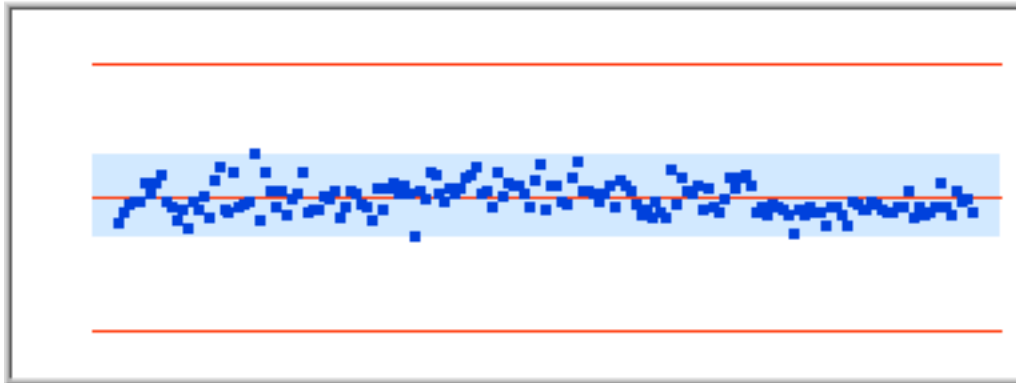


Figure159 Distribution 7584.976Hz

Bar Chart

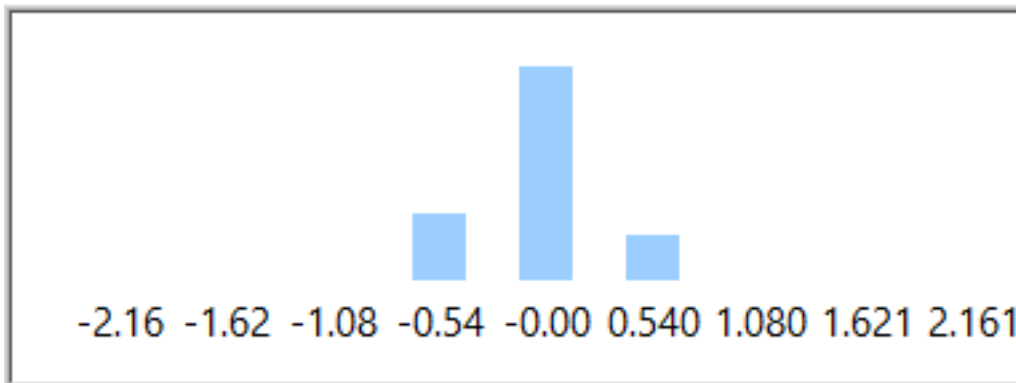


Figure160 Bar Chart 7584.976Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 7852.564  | -2.4754    | 2.4754     | 2.894 | 2.836 | 2.836 | 2.951 |

Distribution Chart

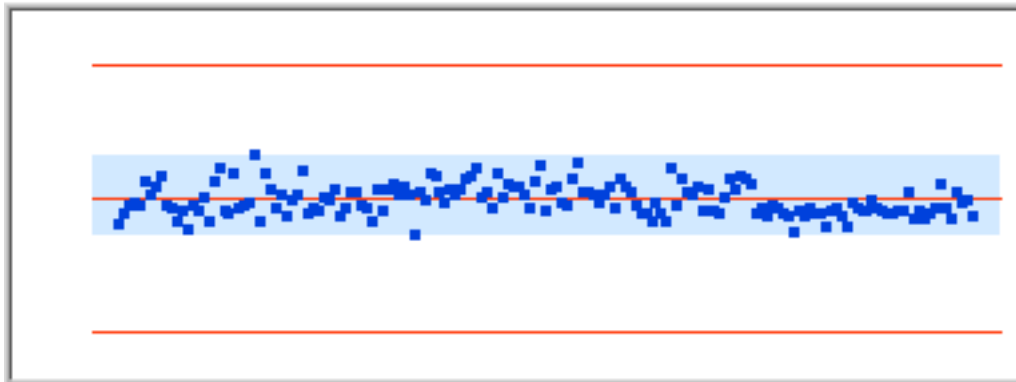


Figure161 Distribution 7852.564Hz

Bar Chart

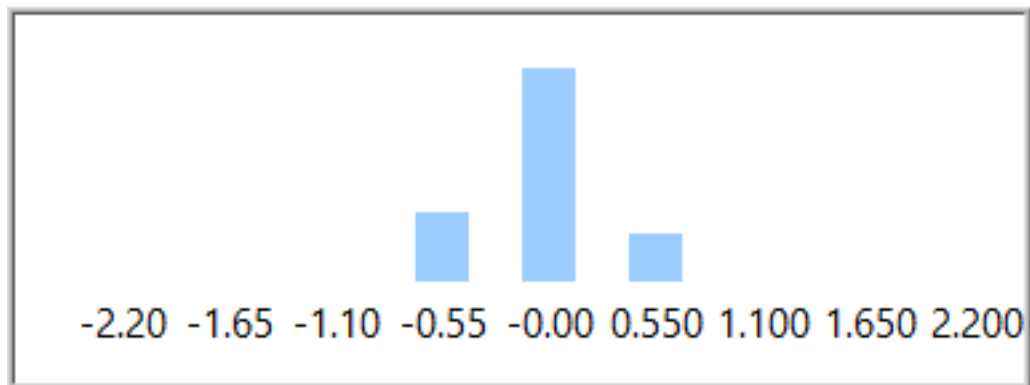


Figure162 Bar Chart 7852.564Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 8128.667  | -2.5429    | 2.5429     | 2.850 | 2.811 | 2.811 | 2.888 |

Distribution Chart

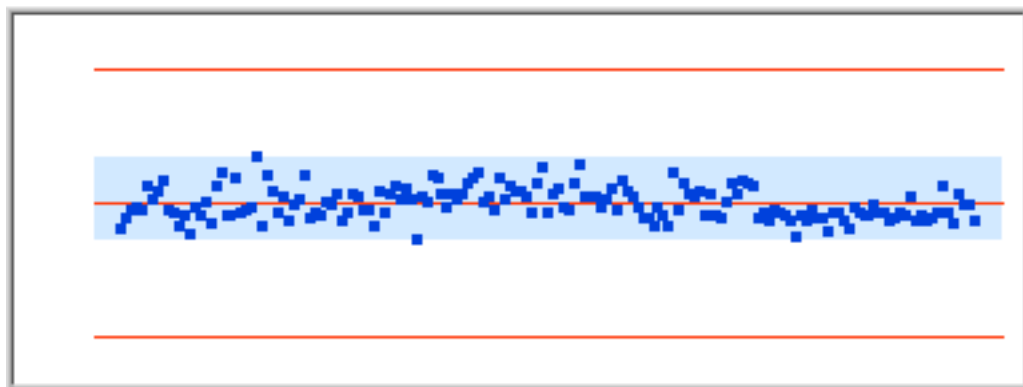


Figure163 Distribution 8128.667Hz

Bar Chart

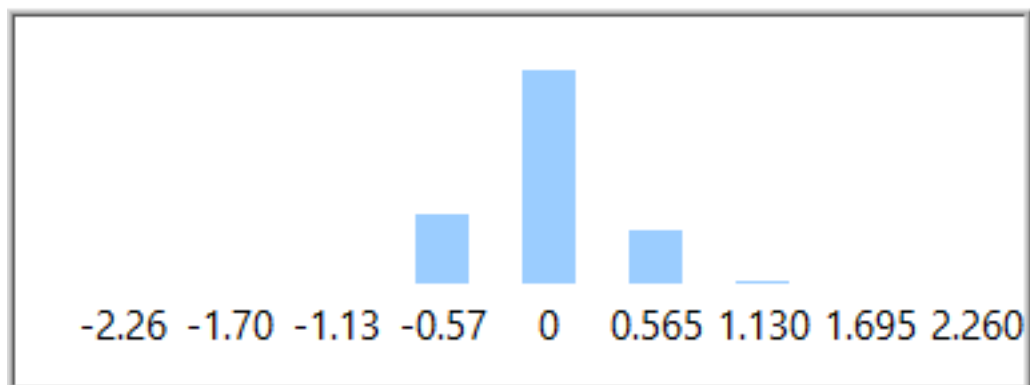


Figure164 Bar Chart 8128.667Hz

| Frequency | LowerLimit | UpperLimit | CP | CPK | Cpl | Cpu |
|-----------|------------|------------|----|-----|-----|-----|
|-----------|------------|------------|----|-----|-----|-----|

|          |         |        |       |       |       |       |
|----------|---------|--------|-------|-------|-------|-------|
| 8415.437 | -2.6385 | 2.6385 | 2.817 | 2.803 | 2.803 | 2.832 |
|----------|---------|--------|-------|-------|-------|-------|

Distribution Chart

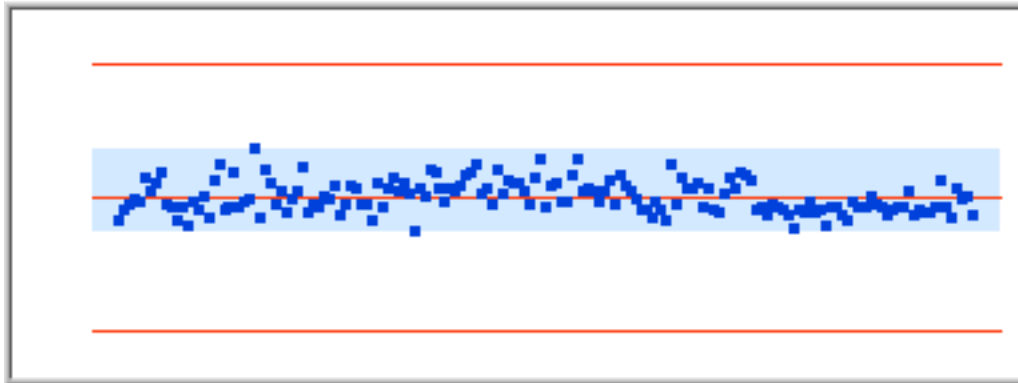


Figure165 Distribution 8415.437Hz

Bar Chart

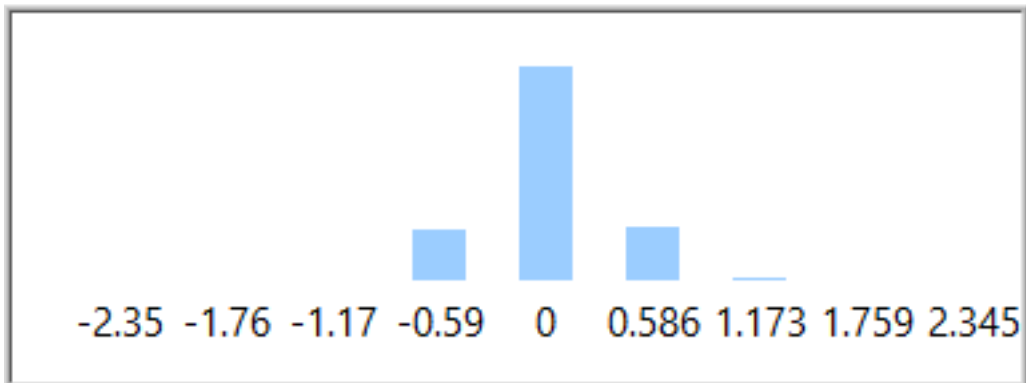


Figure166 Bar Chart 8415.437Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 8711.331  | -2.7371    | 2.7371     | 2.789 | 2.771 | 2.771 | 2.808 |

Distribution Chart

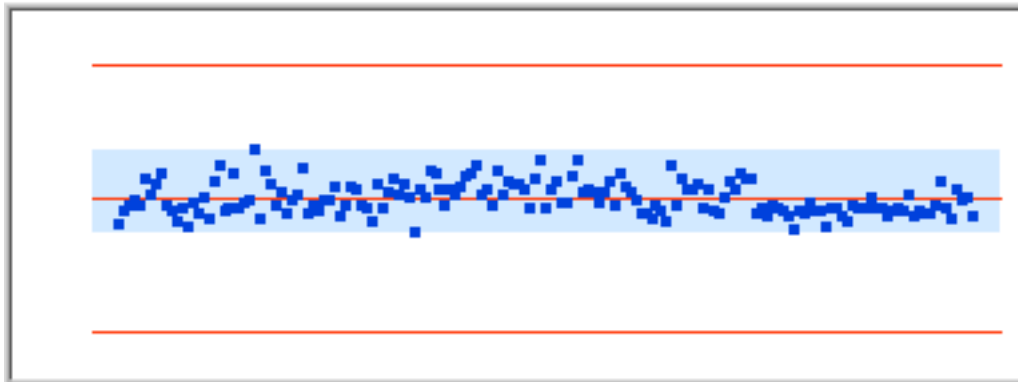


Figure167 Distribution 8711.331Hz

Bar Chart

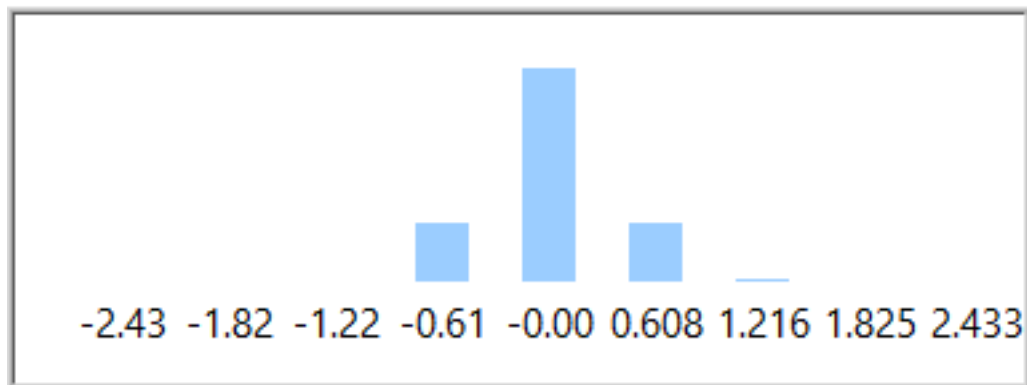


Figure168 Bar Chart 8711.331Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 9018.656  | -2.8396    | 2.8396     | 2.762 | 2.720 | 2.720 | 2.805 |

Distribution Chart

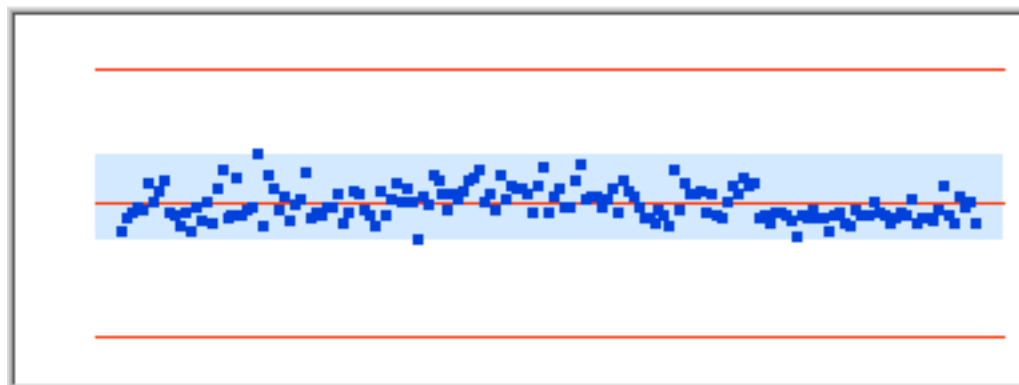


Figure169 Distribution 9018.656Hz

Bar Chart

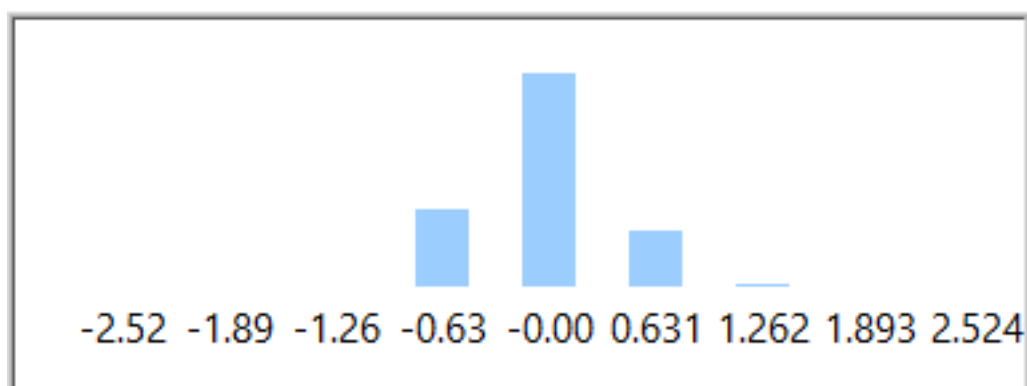


Figure170 Bar Chart 9018.656Hz

| Frequency | LowerLimit | UpperLimit | CP | CPK | Cpl | Cpu |
|-----------|------------|------------|----|-----|-----|-----|
|-----------|------------|------------|----|-----|-----|-----|

|          |         |        |       |       |       |       |
|----------|---------|--------|-------|-------|-------|-------|
| 9336.824 | -2.9456 | 2.9456 | 2.732 | 2.655 | 2.655 | 2.810 |
|----------|---------|--------|-------|-------|-------|-------|

Distribution Chart

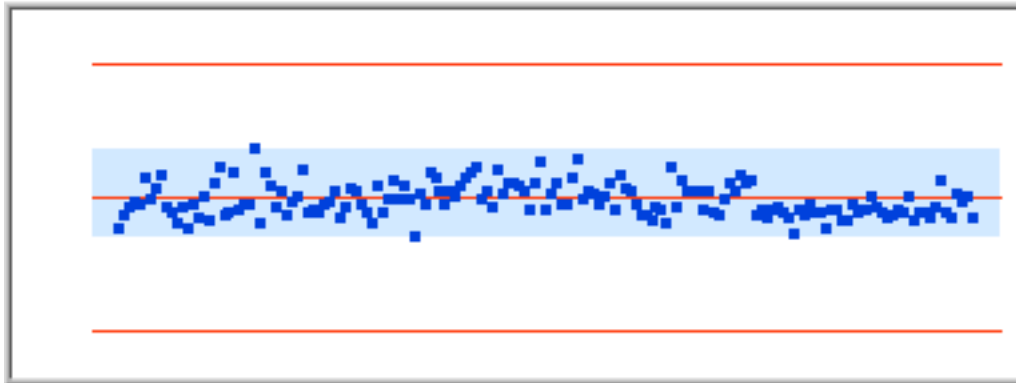


Figure171 Distribution 9336.824Hz

Bar Chart

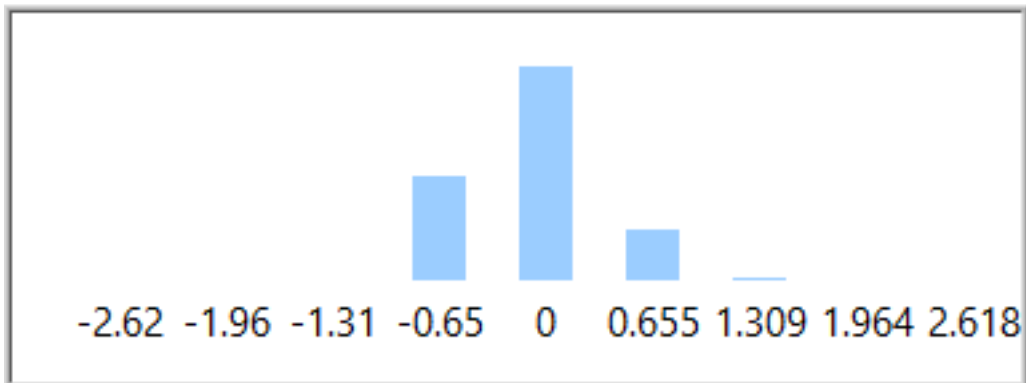


Figure172 Bar Chart 9336.824Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 9665.114  | -3.0550    | 3.0550     | 2.662 | 2.549 | 2.549 | 2.776 |

Distribution Chart

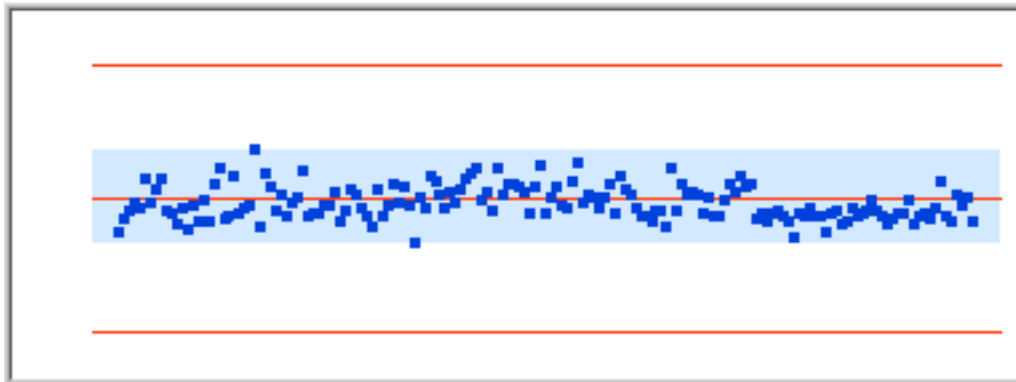


Figure173 Distribution 9665.114Hz

Bar Chart

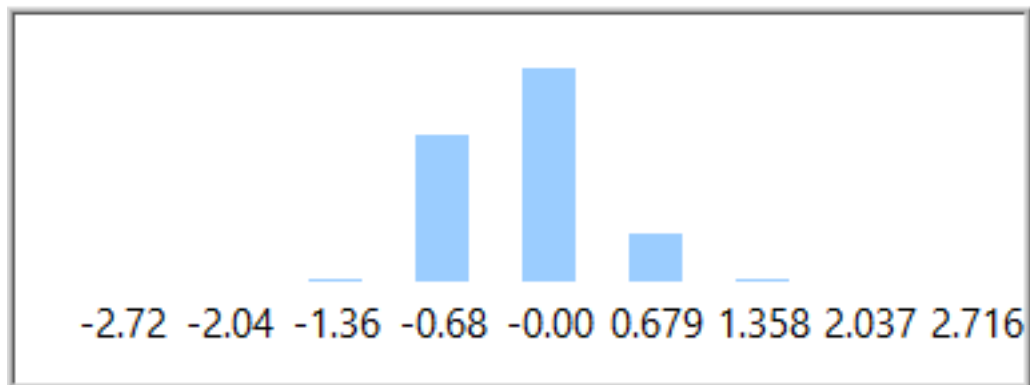


Figure174 Bar Chart 9665.114Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 10006.089 | -3.1687    | 3.1687     | 2.534 | 2.389 | 2.389 | 2.679 |

Distribution Chart

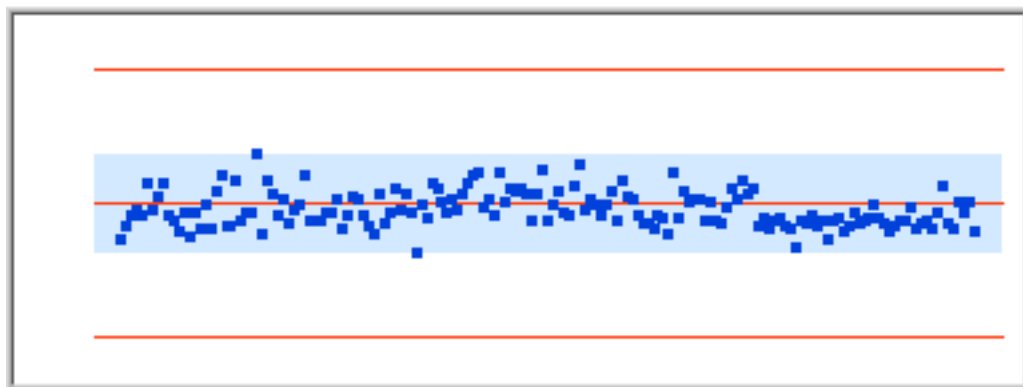


Figure175 Distribution 10006.089Hz

Bar Chart

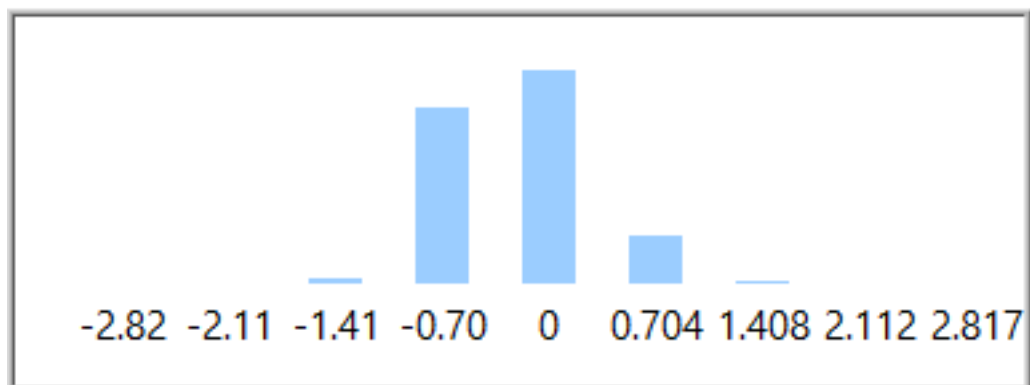


Figure176 Bar Chart 10006.089Hz

| Frequency | LowerLimit | UpperLimit | CP | CPK | Cpl | Cpu |
|-----------|------------|------------|----|-----|-----|-----|
|-----------|------------|------------|----|-----|-----|-----|

|           |         |        |       |       |       |       |
|-----------|---------|--------|-------|-------|-------|-------|
| 10359.092 | -3.2864 | 3.2864 | 2.352 | 2.191 | 2.191 | 2.512 |
|-----------|---------|--------|-------|-------|-------|-------|

Distribution Chart

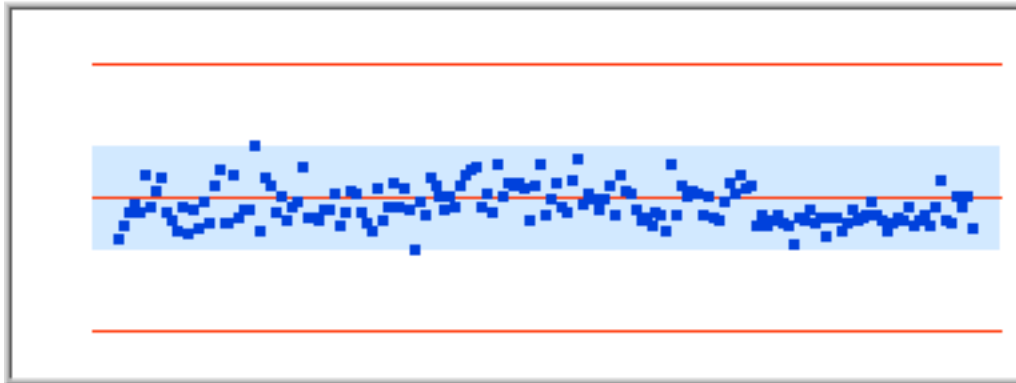


Figure177 Distribution 10359.092Hz

Bar Chart

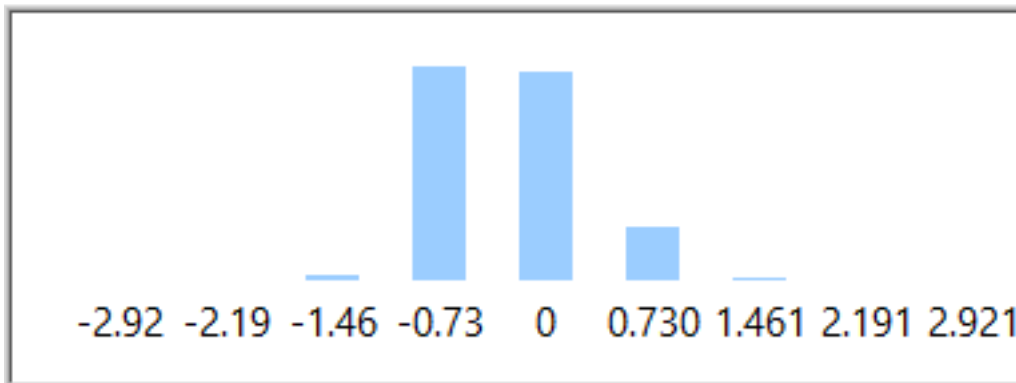


Figure178 Bar Chart 10359.092Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 10723.326 | -3.4078    | 3.4078     | 2.144 | 1.975 | 1.975 | 2.314 |

Distribution Chart

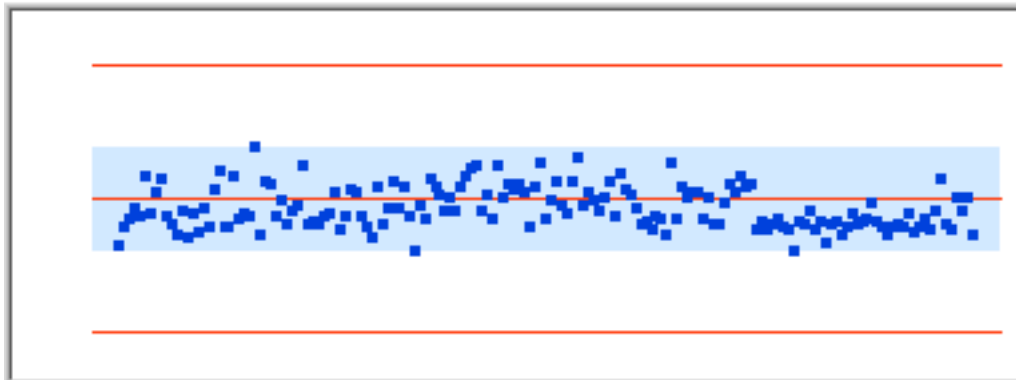


Figure179 Distribution 10723.326Hz

Bar Chart

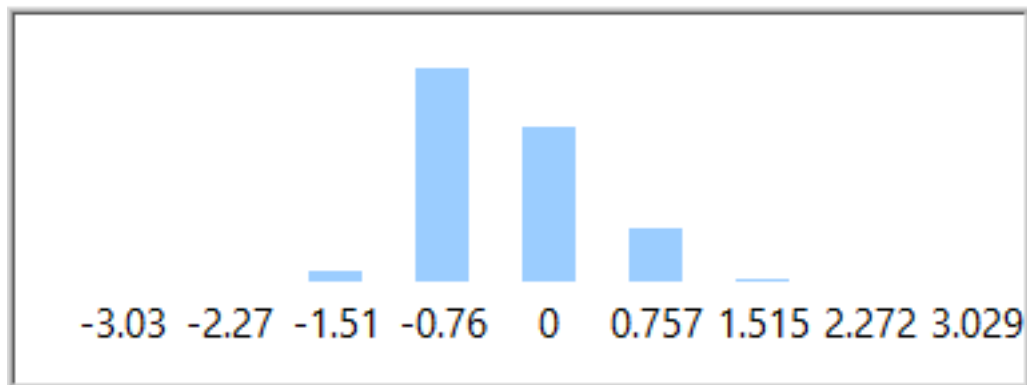


Figure180 Bar Chart 10723.326Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 11101.633 | -3.5339    | 3.5339     | 1.949 | 1.777 | 1.777 | 2.121 |

Distribution Chart

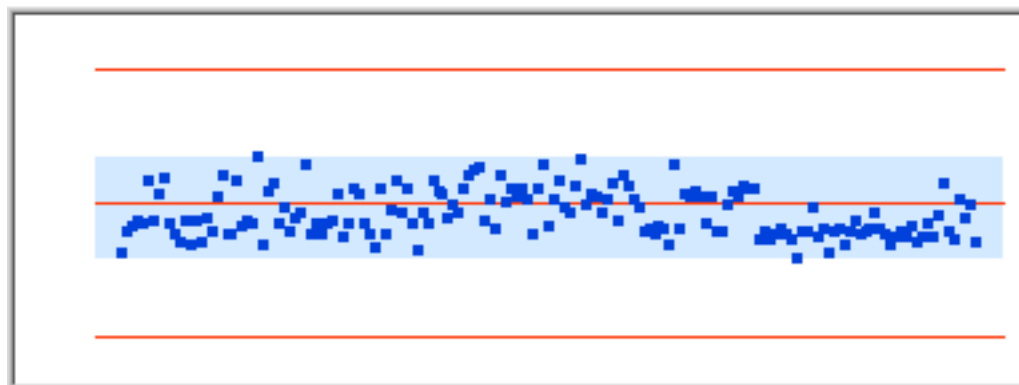


Figure181 Distribution 11101.633Hz

Bar Chart

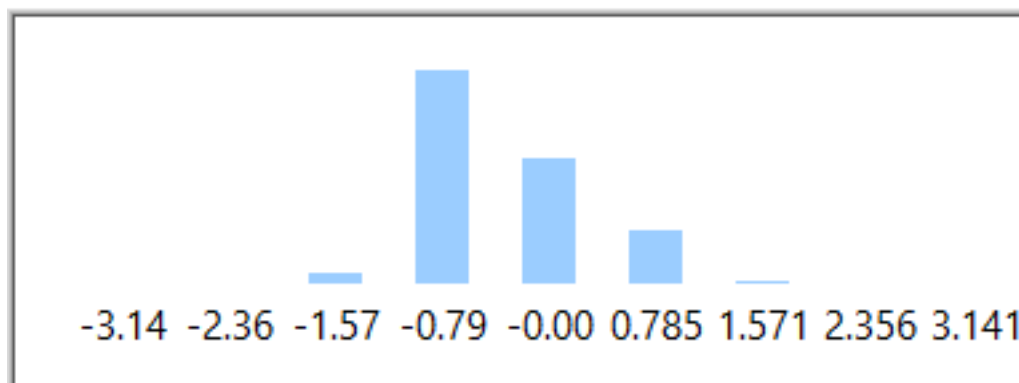


Figure182 Bar Chart 11101.633Hz

| Frequency | LowerLimit | UpperLimit | CP | CPK | Cpl | Cpu |
|-----------|------------|------------|----|-----|-----|-----|
|-----------|------------|------------|----|-----|-----|-----|

|           |         |        |       |       |       |       |
|-----------|---------|--------|-------|-------|-------|-------|
| 11493.285 | -3.6644 | 3.6644 | 1.738 | 1.596 | 1.596 | 1.881 |
|-----------|---------|--------|-------|-------|-------|-------|

Distribution Chart

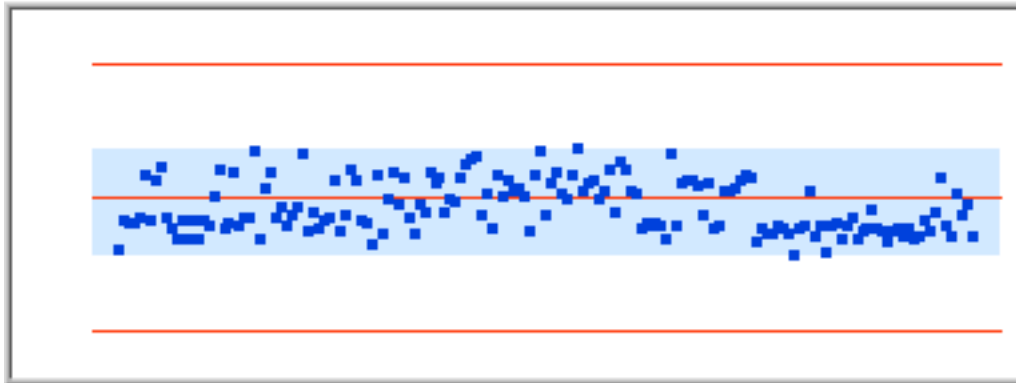


Figure183 Distribution 11493.285Hz

Bar Chart

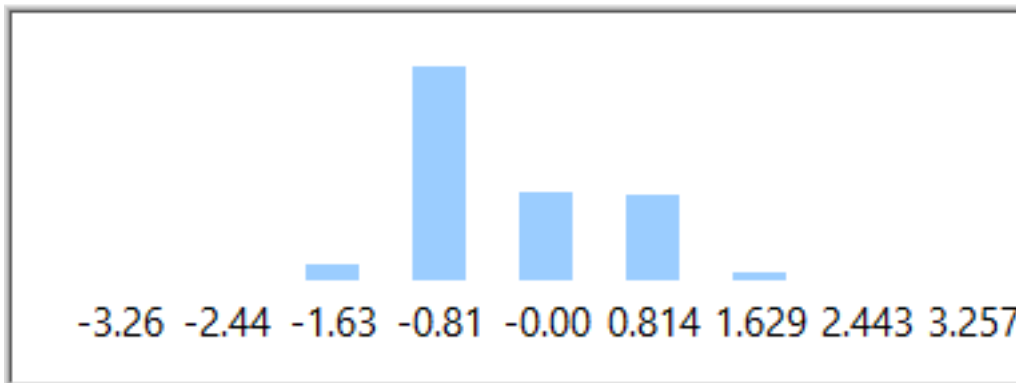


Figure184 Bar Chart 11493.285Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 11897.398 | -3.7991    | 3.7991     | 1.798 | 1.706 | 1.706 | 1.890 |

Distribution Chart

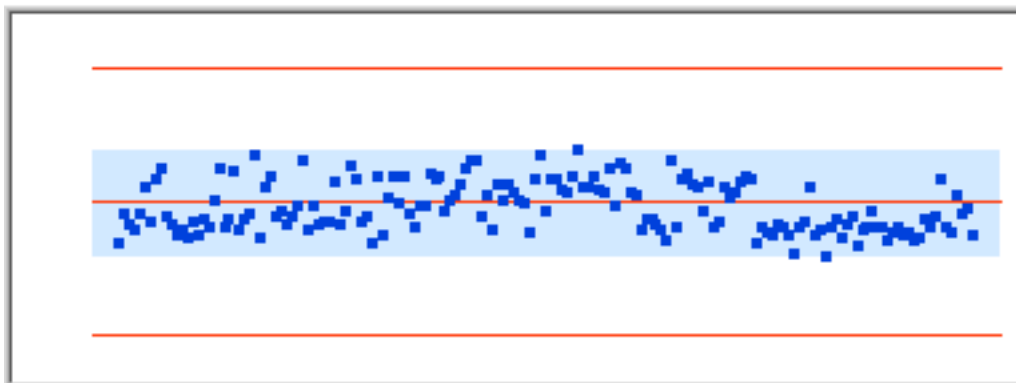


Figure185 Distribution 11897.398Hz

Bar Chart

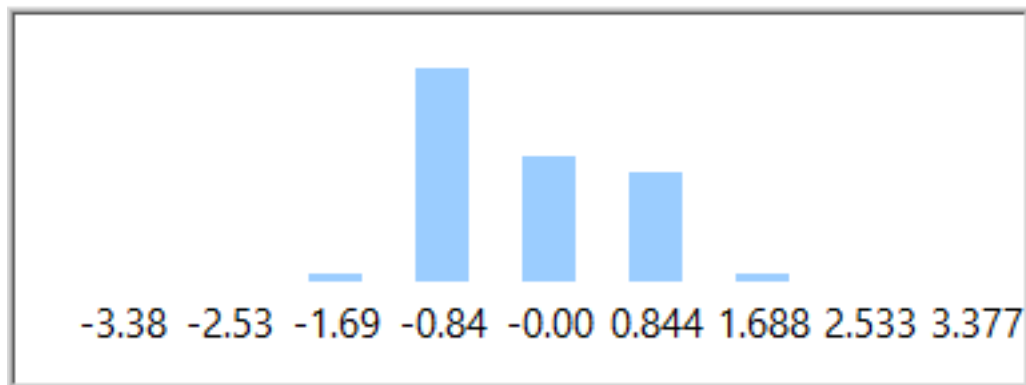


Figure186 Bar Chart 11897.398Hz

| Frequency | LowerLimit | UpperLimit | CP    | CPK   | Cpl   | Cpu   |
|-----------|------------|------------|-------|-------|-------|-------|
| 12317.125 | -3.9390    | 3.9390     | 3.552 | 3.389 | 3.389 | 3.714 |

Distribution Chart

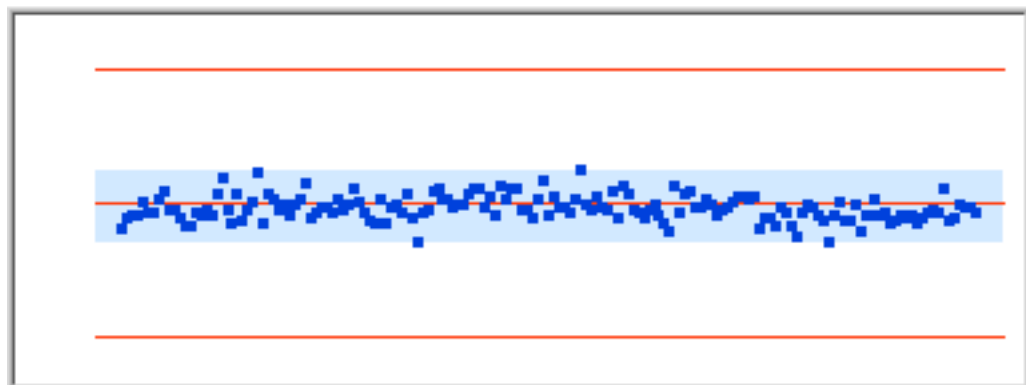


Figure187 Distribution 12317.125Hz

Bar Chart

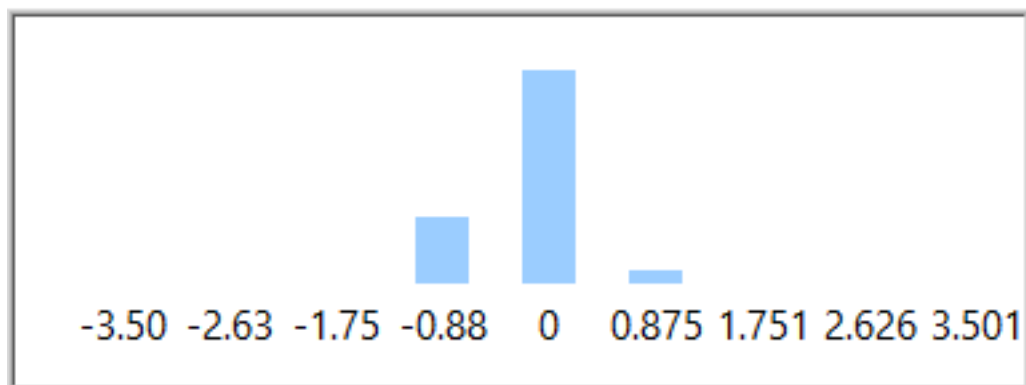


Figure188 Bar Chart 12317.125Hz