

### **Second-Adjacent Channel Protection**

The proposed facility is located within the protected service contour of second-adjacent channel stations KSKS (229B, FCC ID 26924), Fresno, California and KGEN-FM (233A, FCC ID 25970), Hanford, California which are protected in accordance with §74.1204(d) at a +40 dB level. The proposed three bay  $\frac{3}{4}$ -wave spaced translator antenna will be mounted 60 meters above ground on an existing 62-meter tower, operating nondirectionally at 110 watts ERP.

KSKS is located 88.9 kilometers distant with a calculated field of 63.3 dBu at the proposed site based on an ERP of 68 KW and height above average terrain along a 197° radial from KSKS to the proposed site of 861 meters. The translator would require a field intensity of 103.3 dBu to cause interference to the KSKS signal. KSKS is a superpower class-B station whose 54 dBu protected contour would normally extend only 60.1 kilometers at the maximum ERP and HAAT for that class.

KGEN-FM is located 19.1 kilometers distant with a calculated field of 67.4 dBu at the proposed site based on an ERP of 3.3 KW and height above average terrain along a 308° radial from KGEN-FM to the proposed site of 137 meters. The translator would require a field intensity of 107.4 dBu to cause interference to the KGEN-FM signal. The KSKS case imposes the most restrictive limits on the proposed translator so it will be used to analyze its interference potential.

The proposed three bay  $\frac{3}{4}$ -wave spaced antenna will be mounted with its center at 60 meters above ground. The 103.3 dBu contour will reach the ground over two distance ranges from the tower. Two residences are close enough to study, at 57-73 meters and 118-161 meters from the tower. As shown in the table below these two residences are in areas that the proposed field intensity will not exceed 103.3 dBu. Therefore, there is zero population inside this predicted interference contour and the proposed operation is in compliance with §74.1204(d).

Areas representing the two nearby residences are shown in *bold italics*.  
 Areas where 103.3 dBu contour reaches the ground are shown in **red**.

| Dep (°)     | Er(%)      | DTC          | Slant         | Clearance     | Radius        | Dep (°)     | Er(%)       | DTC           | Slant         | Clearance     | Radius        |
|-------------|------------|--------------|---------------|---------------|---------------|-------------|-------------|---------------|---------------|---------------|---------------|
| 0.01        | 100.0      | 503.24       | 343774.68     | 343271.44     | 343774.67     | <b>22.5</b> | <b>7.5</b>  | <b>37.74</b>  | <b>156.79</b> | <b>119.04</b> | <b>144.85</b> |
| 0.5         | 99.9       | 502.74       | 6875.58       | 6372.84       | 6875.32       | <b>23</b>   | <b>9.7</b>  | <b>48.81</b>  | <b>153.56</b> | <b>104.74</b> | <b>141.35</b> |
| 1           | 99.6       | 501.23       | 3437.92       | 2936.69       | 3437.40       | <b>23.5</b> | <b>11.7</b> | <b>58.88</b>  | <b>150.47</b> | <b>91.59</b>  | <b>137.99</b> |
| 1.5         | 99.2       | 499.22       | 2292.09       | 1792.88       | 2291.31       | <b>24</b>   | <b>13.7</b> | <b>68.94</b>  | <b>147.52</b> | <b>78.57</b>  | <b>134.76</b> |
| 2           | 98.5       | 495.69       | 1719.22       | 1223.53       | 1718.18       | <b>24.5</b> | <b>15.5</b> | <b>78.00</b>  | <b>144.69</b> | <b>66.68</b>  | <b>131.66</b> |
| 2.5         | 97.8       | 492.17       | 1375.54       | 883.36        | 1374.23       | <b>25</b>   | <b>17.1</b> | <b>86.05</b>  | <b>141.97</b> | <b>55.92</b>  | <b>128.67</b> |
| 3           | 96.8       | 487.14       | 1146.44       | 659.30        | 1144.87       | <b>25.5</b> | <b>18.7</b> | <b>94.11</b>  | <b>139.37</b> | <b>45.26</b>  | <b>125.79</b> |
| 3.5         | 95.7       | 481.60       | 982.82        | 501.22        | 980.99        | <b>26</b>   | <b>20.1</b> | <b>101.15</b> | <b>136.87</b> | <b>35.72</b>  | <b>123.02</b> |
| 4           | 94.4       | 475.06       | 860.14        | 385.07        | 858.04        | <b>26.5</b> | <b>21.4</b> | <b>107.69</b> | <b>134.47</b> | <b>26.78</b>  | <b>120.34</b> |
| 4.5         | 92.9       | 467.51       | 764.73        | 297.22        | 762.37        | <b>27</b>   | <b>22.6</b> | <b>113.73</b> | <b>132.16</b> | <b>18.43</b>  | <b>117.76</b> |
| 5           | 91.3       | 459.46       | 688.42        | 228.96        | 685.80        | <b>27.5</b> | <b>23.6</b> | <b>118.77</b> | <b>129.94</b> | <b>11.18</b>  | <b>115.26</b> |
| 5.5         | 89.5       | 450.40       | 626.01        | 175.60        | 623.12        | <b>28</b>   | <b>24.5</b> | <b>123.29</b> | <b>127.80</b> | <b>4.51</b>   | <b>112.84</b> |
| 6           | 87.6       | 440.84       | 574.01        | 133.17        | 570.86        | <b>28.5</b> | <b>25.3</b> | <b>127.32</b> | <b>125.74</b> | <b>-1.58</b>  | <b>110.51</b> |
| 6.5         | 85.5       | 430.27       | 530.02        | 99.75         | 526.61        | <b>29</b>   | <b>26.0</b> | <b>130.84</b> | <b>123.76</b> | <b>-7.08</b>  | <b>108.24</b> |
| 7           | 83.3       | 419.20       | 492.33        | 73.13         | 488.66        | <b>29.5</b> | <b>26.6</b> | <b>133.86</b> | <b>121.85</b> | <b>-12.02</b> | <b>106.05</b> |
| 7.5         | 81.0       | 407.63       | 459.68        | 52.05         | 455.75        | <b>30</b>   | <b>27.0</b> | <b>135.88</b> | <b>120.00</b> | <b>-15.88</b> | <b>103.92</b> |
| 8           | 78.6       | 395.55       | 431.12        | 35.57         | 426.92        | <b>30.5</b> | <b>27.3</b> | <b>137.39</b> | <b>118.22</b> | <b>-19.17</b> | <b>101.86</b> |
| 8.5         | 76.0       | 382.46       | 405.93        | 23.46         | 401.47        | <b>31</b>   | <b>27.4</b> | <b>137.89</b> | <b>116.50</b> | <b>-21.39</b> | <b>99.86</b>  |
| 9           | 73.4       | 369.38       | 383.55        | 14.17         | 378.83        | <b>31.5</b> | <b>27.5</b> | <b>138.39</b> | <b>114.83</b> | <b>-23.56</b> | <b>97.91</b>  |
| 9.5         | 70.6       | 355.29       | 363.53        | 8.24          | 358.55        | <b>32</b>   | <b>27.4</b> | <b>137.89</b> | <b>113.22</b> | <b>-24.66</b> | <b>96.02</b>  |
| 10          | 67.8       | 341.20       | 345.53        | 4.33          | 340.28        | <b>32.5</b> | <b>27.3</b> | <b>137.39</b> | <b>111.67</b> | <b>-25.72</b> | <b>94.18</b>  |
| 10.5        | 64.7       | 325.60       | 329.24        | 3.65          | 323.73        | <b>33</b>   | <b>27.0</b> | <b>135.88</b> | <b>110.16</b> | <b>-25.71</b> | <b>92.39</b>  |
| 11          | 61.6       | 310.00       | 314.45        | 4.45          | 308.67        | <b>33.5</b> | <b>26.6</b> | <b>133.86</b> | <b>108.71</b> | <b>-25.15</b> | <b>90.65</b>  |
| 11.5        | 58.5       | 294.40       | 300.95        | 6.55          | 294.91        | <b>34</b>   | <b>26.2</b> | <b>131.85</b> | <b>107.30</b> | <b>-24.55</b> | <b>88.95</b>  |
| 12          | 55.3       | 278.29       | 288.58        | 10.29         | 282.28        | <b>34.5</b> | <b>25.6</b> | <b>128.83</b> | <b>105.93</b> | <b>-22.90</b> | <b>87.30</b>  |
| 12.5        | 52.1       | 262.19       | 277.21        | 15.02         | 270.64        | <b>35</b>   | <b>25.0</b> | <b>125.81</b> | <b>104.61</b> | <b>-21.20</b> | <b>85.69</b>  |
| 13          | 48.8       | 245.58       | 266.72        | 21.14         | 259.89        | <b>35.5</b> | <b>24.2</b> | <b>121.78</b> | <b>103.32</b> | <b>-18.46</b> | <b>84.12</b>  |
| 13.5        | 45.5       | 228.98       | 257.02        | 28.04         | 249.92        | <b>36</b>   | <b>23.4</b> | <b>117.76</b> | <b>102.08</b> | <b>-15.68</b> | <b>82.58</b>  |
| 14          | 42.2       | 212.37       | 248.01        | 35.65         | 240.65        | <b>36.5</b> | <b>22.5</b> | <b>113.23</b> | <b>100.87</b> | <b>-12.36</b> | <b>81.09</b>  |
| 14.5        | 38.9       | 195.76       | 239.64        | 43.87         | 232.00        | <b>37</b>   | <b>21.6</b> | <b>108.70</b> | <b>99.70</b>  | <b>-9.00</b>  | <b>79.62</b>  |
| 15          | 35.7       | 179.66       | 231.82        | 52.16         | 223.92        | <b>37.5</b> | <b>20.6</b> | <b>103.67</b> | <b>98.56</b>  | <b>-5.11</b>  | <b>78.19</b>  |
| 15.5        | 32.4       | 163.05       | 224.52        | 61.47         | 216.35        | <b>38</b>   | <b>19.5</b> | <b>98.13</b>  | <b>97.46</b>  | <b>-0.68</b>  | <b>76.80</b>  |
| 16          | 29.1       | 146.44       | 217.68        | 71.23         | 209.24        | 38.5        | 18.4        | 92.60         | 96.38         | 3.79          | 75.43         |
| 16.5        | 25.9       | 130.34       | 211.26        | 80.92         | 202.56        | 39          | 17.3        | 87.06         | 95.34         | 8.28          | 74.09         |
| 17          | 22.7       | 114.24       | 205.22        | 90.98         | 196.25        | <b>39.5</b> | <b>16.1</b> | <b>81.02</b>  | <b>94.33</b>  | <b>13.31</b>  | <b>72.79</b>  |
| 17.5        | 19.6       | 98.64        | 199.53        | 100.90        | 190.30        | <b>40</b>   | <b>14.8</b> | <b>74.48</b>  | <b>93.34</b>  | <b>18.86</b>  | <b>71.51</b>  |
| 18          | 16.5       | 83.03        | 194.16        | 111.13        | 184.66        | <b>40.5</b> | <b>13.6</b> | <b>68.44</b>  | <b>92.39</b>  | <b>23.95</b>  | <b>70.25</b>  |
| 18.5        | 13.5       | 67.94        | 189.09        | 121.16        | 179.32        | <b>41</b>   | <b>12.3</b> | <b>61.90</b>  | <b>91.46</b>  | <b>29.56</b>  | <b>69.02</b>  |
| 19          | 10.5       | 52.84        | 184.29        | 131.45        | 174.25        | <b>41.5</b> | <b>11.0</b> | <b>55.36</b>  | <b>90.55</b>  | <b>35.19</b>  | <b>67.82</b>  |
| 19.5        | 7.7        | 38.75        | 179.74        | 141.00        | 169.43        | <b>42</b>   | <b>9.6</b>  | <b>48.31</b>  | <b>89.67</b>  | <b>41.36</b>  | <b>66.64</b>  |
| 20          | 4.9        | 24.66        | 175.43        | 150.77        | 164.85        | <b>42.5</b> | <b>8.3</b>  | <b>41.77</b>  | <b>88.81</b>  | <b>47.04</b>  | <b>65.48</b>  |
| <b>20.5</b> | <b>2.2</b> | <b>11.07</b> | <b>171.33</b> | <b>160.26</b> | <b>160.48</b> | <b>43</b>   | <b>6.9</b>  | <b>34.72</b>  | <b>87.98</b>  | <b>53.25</b>  | <b>64.34</b>  |
| <b>21</b>   | <b>0.4</b> | <b>2.01</b>  | <b>167.43</b> | <b>165.41</b> | <b>156.31</b> | <b>43.5</b> | <b>5.6</b>  | <b>28.18</b>  | <b>87.16</b>  | <b>58.98</b>  | <b>63.23</b>  |
| <b>21.5</b> | <b>2.9</b> | <b>14.59</b> | <b>163.71</b> | <b>149.12</b> | <b>152.32</b> | <b>44</b>   | <b>4.2</b>  | <b>21.14</b>  | <b>86.37</b>  | <b>65.24</b>  | <b>62.13</b>  |
| <b>22</b>   | <b>5.3</b> | <b>26.67</b> | <b>160.17</b> | <b>133.50</b> | <b>148.51</b> | <b>44.5</b> | <b>2.9</b>  | <b>14.59</b>  | <b>85.60</b>  | <b>71.01</b>  | <b>61.06</b>  |

Areas representing the two nearby residences are shown in ***bold italics***.  
 Areas where 103.3 dBu contour reaches the ground are shown in **red**.

| <u>Dep (°)</u>     | <u>Er(%)</u>       | <u>DTC</u>           | <u>Slant</u>        | <u>Clearance</u>     | <u>Radius</u>       | <u>Dep (°)</u>     | <u>Er(%)</u>       | <u>DTC</u>           | <u>Slant</u>        | <u>Clearance</u>     | <u>Radius</u>       |
|--------------------|--------------------|----------------------|---------------------|----------------------|---------------------|--------------------|--------------------|----------------------|---------------------|----------------------|---------------------|
| <b><i>45</i></b>   | <b><i>1.5</i></b>  | <b><i>7.55</i></b>   | <b><i>84.85</i></b> | <b><i>77.30</i></b>  | <b><i>58.96</i></b> | <b><i>67.5</i></b> | <b><i>23.5</i></b> | <b><i>118.26</i></b> | <b><i>64.94</i></b> | <b><i>-53.32</i></b> | <b><i>24.85</i></b> |
| <b><i>45.5</i></b> | <b><i>0.2</i></b>  | <b><i>1.01</i></b>   | <b><i>84.12</i></b> | <b><i>83.12</i></b>  | <b><i>57.94</i></b> | <b><i>68</i></b>   | <b><i>23.3</i></b> | <b><i>117.26</i></b> | <b><i>64.71</i></b> | <b><i>-52.54</i></b> | <b><i>24.24</i></b> |
| <b><i>46</i></b>   | <b><i>1.1</i></b>  | <b><i>5.54</i></b>   | <b><i>83.41</i></b> | <b><i>77.87</i></b>  | <b><i>56.94</i></b> | <b><i>68.5</i></b> | <b><i>23.0</i></b> | <b><i>115.75</i></b> | <b><i>64.49</i></b> | <b><i>-51.26</i></b> | <b><i>23.63</i></b> |
| 46.5               | 2.4                | 12.08                | 82.72               | 70.64                | 55.95               | 69                 | 22.7               | 114.24               | 64.27               | -49.97               | 23.03               |
| 47                 | 3.6                | 18.12                | 82.04               | 63.92                | 54.98               | 69.5               | 22.4               | 112.73               | 64.06               | -48.67               | 22.43               |
| 47.5               | 4.9                | 24.66                | 81.38               | 56.72                | 54.02               | 70                 | 22.0               | 110.71               | 63.85               | -46.86               | 21.84               |
| 48                 | 6.1                | 30.70                | 80.74               | 50.04                | 53.08               | 70.5               | 21.7               | 109.20               | 63.65               | -45.55               | 21.25               |
| 48.5               | 7.3                | 36.74                | 80.11               | 43.37                | 52.16               | 71                 | 21.4               | 107.69               | 63.46               | -44.24               | 20.66               |
| 49                 | 8.5                | 42.78                | 79.50               | 36.73                | 51.24               | 71.5               | 21.1               | 106.18               | 63.27               | -42.91               | 20.08               |
| 49.5               | 9.6                | 48.31                | 78.91               | 30.59                | 50.35               | 72                 | 20.8               | 104.67               | 63.09               | -41.59               | 19.50               |
| 50                 | 10.7               | 53.85                | 78.32               | 24.48                | 49.46               | 72.5               | 20.4               | 102.66               | 62.91               | -39.75               | 18.92               |
| 50.5               | 11.7               | 58.88                | 77.76               | 18.88                | 48.59               | 73                 | 20.1               | 101.15               | 62.74               | -38.41               | 18.34               |
| 51                 | 12.7               | 63.91                | 77.21               | 13.29                | 47.73               | 73.5               | 19.7               | 99.14                | 62.58               | -36.56               | 17.77               |
| 51.5               | 13.7               | 68.94                | 76.67               | 7.72                 | 46.88               | 74                 | 19.3               | 97.13                | 62.42               | -34.71               | 17.20               |
| 52                 | 14.7               | 73.98                | 76.14               | 2.16                 | 46.04               | 74.5               | 18.9               | 95.11                | 62.26               | -32.85               | 16.64               |
| <b><i>52.5</i></b> | <b><i>15.6</i></b> | <b><i>78.51</i></b>  | <b><i>75.63</i></b> | <b><i>-2.88</i></b>  | <b><i>45.21</i></b> | <b><i>75</i></b>   | <b><i>18.5</i></b> | <b><i>93.10</i></b>  | <b><i>62.12</i></b> | <b><i>-30.98</i></b> | <b><i>16.08</i></b> |
| <b><i>53</i></b>   | <b><i>16.4</i></b> | <b><i>82.53</i></b>  | <b><i>75.13</i></b> | <b><i>-7.40</i></b>  | <b><i>44.40</i></b> | <b><i>75.5</i></b> | <b><i>18.1</i></b> | <b><i>91.09</i></b>  | <b><i>61.97</i></b> | <b><i>-29.11</i></b> | <b><i>15.52</i></b> |
| <b><i>53.5</i></b> | <b><i>17.2</i></b> | <b><i>86.56</i></b>  | <b><i>74.64</i></b> | <b><i>-11.92</i></b> | <b><i>43.59</i></b> | <b><i>76</i></b>   | <b><i>17.8</i></b> | <b><i>89.58</i></b>  | <b><i>61.84</i></b> | <b><i>-27.74</i></b> | <b><i>14.96</i></b> |
| <b><i>54</i></b>   | <b><i>18.0</i></b> | <b><i>90.58</i></b>  | <b><i>74.16</i></b> | <b><i>-16.42</i></b> | <b><i>42.80</i></b> | <b><i>76.5</i></b> | <b><i>17.4</i></b> | <b><i>87.56</i></b>  | <b><i>61.70</i></b> | <b><i>-25.86</i></b> | <b><i>14.40</i></b> |
| <b><i>54.5</i></b> | <b><i>18.7</i></b> | <b><i>94.11</i></b>  | <b><i>73.70</i></b> | <b><i>-20.41</i></b> | <b><i>42.01</i></b> | <b><i>77</i></b>   | <b><i>17.0</i></b> | <b><i>85.55</i></b>  | <b><i>61.58</i></b> | <b><i>-23.97</i></b> | <b><i>13.85</i></b> |
| <b><i>55</i></b>   | <b><i>19.4</i></b> | <b><i>97.63</i></b>  | <b><i>73.25</i></b> | <b><i>-24.38</i></b> | <b><i>41.24</i></b> | <b><i>77.5</i></b> | <b><i>16.6</i></b> | <b><i>83.54</i></b>  | <b><i>61.46</i></b> | <b><i>-22.08</i></b> | <b><i>13.30</i></b> |
| <b><i>55.5</i></b> | <b><i>20.1</i></b> | <b><i>101.15</i></b> | <b><i>72.80</i></b> | <b><i>-28.35</i></b> | <b><i>40.47</i></b> | <b><i>78</i></b>   | <b><i>16.2</i></b> | <b><i>81.53</i></b>  | <b><i>61.34</i></b> | <b><i>-20.18</i></b> | <b><i>12.75</i></b> |
| <b><i>56</i></b>   | <b><i>20.7</i></b> | <b><i>104.17</i></b> | <b><i>72.37</i></b> | <b><i>-31.80</i></b> | <b><i>39.71</i></b> | <b><i>78.5</i></b> | <b><i>15.8</i></b> | <b><i>79.51</i></b>  | <b><i>61.23</i></b> | <b><i>-18.28</i></b> | <b><i>12.21</i></b> |
| <b><i>56.5</i></b> | <b><i>21.2</i></b> | <b><i>106.69</i></b> | <b><i>71.95</i></b> | <b><i>-34.74</i></b> | <b><i>38.96</i></b> | <b><i>79</i></b>   | <b><i>15.4</i></b> | <b><i>77.50</i></b>  | <b><i>61.12</i></b> | <b><i>-16.38</i></b> | <b><i>11.66</i></b> |
| <b><i>57</i></b>   | <b><i>21.7</i></b> | <b><i>109.20</i></b> | <b><i>71.54</i></b> | <b><i>-37.66</i></b> | <b><i>38.22</i></b> | <b><i>79.5</i></b> | <b><i>14.9</i></b> | <b><i>74.98</i></b>  | <b><i>61.02</i></b> | <b><i>-13.96</i></b> | <b><i>11.12</i></b> |
| <b><i>57.5</i></b> | <b><i>22.2</i></b> | <b><i>111.72</i></b> | <b><i>71.14</i></b> | <b><i>-40.58</i></b> | <b><i>37.49</i></b> | <b><i>80</i></b>   | <b><i>14.5</i></b> | <b><i>72.97</i></b>  | <b><i>60.93</i></b> | <b><i>-12.04</i></b> | <b><i>10.58</i></b> |
| <b><i>58</i></b>   | <b><i>22.6</i></b> | <b><i>113.73</i></b> | <b><i>70.75</i></b> | <b><i>-42.98</i></b> | <b><i>36.77</i></b> | <b><i>80.5</i></b> | <b><i>14.3</i></b> | <b><i>71.96</i></b>  | <b><i>60.83</i></b> | <b><i>-11.13</i></b> | <b><i>10.04</i></b> |
| <b><i>58.5</i></b> | <b><i>22.9</i></b> | <b><i>115.24</i></b> | <b><i>70.37</i></b> | <b><i>-44.87</i></b> | <b><i>36.05</i></b> | <b><i>81</i></b>   | <b><i>14.0</i></b> | <b><i>70.45</i></b>  | <b><i>60.75</i></b> | <b><i>-9.71</i></b>  | <b><i>9.50</i></b>  |
| <b><i>59</i></b>   | <b><i>23.3</i></b> | <b><i>117.26</i></b> | <b><i>70.00</i></b> | <b><i>-47.26</i></b> | <b><i>35.34</i></b> | <b><i>81.5</i></b> | <b><i>13.8</i></b> | <b><i>69.45</i></b>  | <b><i>60.67</i></b> | <b><i>-8.78</i></b>  | <b><i>8.97</i></b>  |
| <b><i>59.5</i></b> | <b><i>23.5</i></b> | <b><i>118.26</i></b> | <b><i>69.64</i></b> | <b><i>-48.63</i></b> | <b><i>34.64</i></b> | <b><i>82</i></b>   | <b><i>13.5</i></b> | <b><i>67.94</i></b>  | <b><i>60.59</i></b> | <b><i>-7.35</i></b>  | <b><i>8.43</i></b>  |
| <b><i>60</i></b>   | <b><i>23.8</i></b> | <b><i>119.77</i></b> | <b><i>69.28</i></b> | <b><i>-50.49</i></b> | <b><i>33.95</i></b> | <b><i>82.5</i></b> | <b><i>13.3</i></b> | <b><i>66.93</i></b>  | <b><i>60.52</i></b> | <b><i>-6.41</i></b>  | <b><i>7.90</i></b>  |
| <b><i>60.5</i></b> | <b><i>24.0</i></b> | <b><i>120.78</i></b> | <b><i>68.94</i></b> | <b><i>-51.84</i></b> | <b><i>33.26</i></b> | <b><i>83</i></b>   | <b><i>13.0</i></b> | <b><i>65.42</i></b>  | <b><i>60.45</i></b> | <b><i>-4.97</i></b>  | <b><i>7.37</i></b>  |
| <b><i>61</i></b>   | <b><i>24.2</i></b> | <b><i>121.78</i></b> | <b><i>68.60</i></b> | <b><i>-53.18</i></b> | <b><i>32.58</i></b> | <b><i>83.5</i></b> | <b><i>12.7</i></b> | <b><i>63.91</i></b>  | <b><i>60.39</i></b> | <b><i>-3.52</i></b>  | <b><i>6.84</i></b>  |
| <b><i>61.5</i></b> | <b><i>24.3</i></b> | <b><i>122.29</i></b> | <b><i>68.27</i></b> | <b><i>-54.01</i></b> | <b><i>31.90</i></b> | <b><i>84</i></b>   | <b><i>12.5</i></b> | <b><i>62.91</i></b>  | <b><i>60.33</i></b> | <b><i>-2.57</i></b>  | <b><i>6.31</i></b>  |
| <b><i>62</i></b>   | <b><i>24.5</i></b> | <b><i>123.29</i></b> | <b><i>67.95</i></b> | <b><i>-55.34</i></b> | <b><i>31.23</i></b> | <b><i>84.5</i></b> | <b><i>12.2</i></b> | <b><i>61.40</i></b>  | <b><i>60.28</i></b> | <b><i>-1.12</i></b>  | <b><i>5.78</i></b>  |
| <b><i>62.5</i></b> | <b><i>24.5</i></b> | <b><i>123.29</i></b> | <b><i>67.64</i></b> | <b><i>-55.65</i></b> | <b><i>30.57</i></b> | <b><i>85</i></b>   | <b><i>11.9</i></b> | <b><i>59.89</i></b>  | <b><i>60.23</i></b> | <b><i>0.34</i></b>   | <b><i>5.25</i></b>  |
| <b><i>63</i></b>   | <b><i>24.6</i></b> | <b><i>123.80</i></b> | <b><i>67.34</i></b> | <b><i>-56.46</i></b> | <b><i>29.91</i></b> | <b><i>85.5</i></b> | <b><i>11.9</i></b> | <b><i>59.89</i></b>  | <b><i>60.19</i></b> | <b><i>0.30</i></b>   | <b><i>4.72</i></b>  |
| <b><i>63.5</i></b> | <b><i>24.6</i></b> | <b><i>123.80</i></b> | <b><i>67.04</i></b> | <b><i>-56.75</i></b> | <b><i>29.26</i></b> | <b><i>86</i></b>   | <b><i>11.8</i></b> | <b><i>59.38</i></b>  | <b><i>60.15</i></b> | <b><i>0.76</i></b>   | <b><i>4.20</i></b>  |
| <b><i>64</i></b>   | <b><i>24.5</i></b> | <b><i>123.29</i></b> | <b><i>66.76</i></b> | <b><i>-56.54</i></b> | <b><i>28.62</i></b> | <b><i>86.5</i></b> | <b><i>11.8</i></b> | <b><i>59.38</i></b>  | <b><i>60.11</i></b> | <b><i>0.73</i></b>   | <b><i>3.67</i></b>  |
| <b><i>64.5</i></b> | <b><i>24.5</i></b> | <b><i>123.29</i></b> | <b><i>66.48</i></b> | <b><i>-56.82</i></b> | <b><i>27.98</i></b> | <b><i>87</i></b>   | <b><i>11.7</i></b> | <b><i>58.88</i></b>  | <b><i>60.08</i></b> | <b><i>1.20</i></b>   | <b><i>3.14</i></b>  |
| <b><i>65</i></b>   | <b><i>24.4</i></b> | <b><i>122.79</i></b> | <b><i>66.20</i></b> | <b><i>-56.59</i></b> | <b><i>27.34</i></b> | <b><i>87.5</i></b> | <b><i>11.6</i></b> | <b><i>58.38</i></b>  | <b><i>60.06</i></b> | <b><i>1.68</i></b>   | <b><i>2.62</i></b>  |
| <b><i>65.5</i></b> | <b><i>24.3</i></b> | <b><i>122.29</i></b> | <b><i>65.94</i></b> | <b><i>-56.35</i></b> | <b><i>26.71</i></b> | <b><i>88</i></b>   | <b><i>11.6</i></b> | <b><i>58.38</i></b>  | <b><i>60.04</i></b> | <b><i>1.66</i></b>   | <b><i>2.10</i></b>  |
| <b><i>66</i></b>   | <b><i>24.1</i></b> | <b><i>121.28</i></b> | <b><i>65.68</i></b> | <b><i>-55.60</i></b> | <b><i>26.09</i></b> | <b><i>88.5</i></b> | <b><i>11.5</i></b> | <b><i>57.87</i></b>  | <b><i>60.02</i></b> | <b><i>2.15</i></b>   | <b><i>1.57</i></b>  |
| <b><i>66.5</i></b> | <b><i>23.9</i></b> | <b><i>120.27</i></b> | <b><i>65.43</i></b> | <b><i>-54.85</i></b> | <b><i>25.47</i></b> | <b><i>89</i></b>   | <b><i>11.5</i></b> | <b><i>57.87</i></b>  | <b><i>60.01</i></b> | <b><i>2.14</i></b>   | <b><i>1.05</i></b>  |
| <b><i>67</i></b>   | <b><i>23.7</i></b> | <b><i>119.27</i></b> | <b><i>65.18</i></b> | <b><i>-54.09</i></b> | <b><i>24.85</i></b> | <b><i>89.5</i></b> | <b><i>11.4</i></b> | <b><i>57.37</i></b>  | <b><i>60.00</i></b> | <b><i>2.63</i></b>   | <b><i>0.52</i></b>  |

