

**Off-Axis Spectral Density Azimuth Plane  
Values for AvL 2.4M Offset Antenna  
with 65dBW peak EIRP and 36MHz occupied bandwidth**

Value of Theta (degrees)	25.209(a)(1) Co-Pol Gain	Off-Axis EIRP Density allowed under 25.218 (d) (1)	Antenna Off-Axis Gain (dBi) Azimuth Plane <b>Measured Data</b>	Max off-axis EIRP Density of antenna (dBW/4kHz)	Margin	Value of Theta (degrees)	25.209(a)(1) Co-Pol Gain	Off-Axis EIRP Density allowed under 25.218 (d) (1)	Antenna Off-Axis Gain (dBi) Azimuth Plane <b>Measured Data</b>	Max off-axis EIRP Density of antenna (dBW/4kHz)	Margin
0.00			<b>41.80</b>	25.27		6.10	9.37	6.67	<b>0.74</b>	-15.79	22.46
0.10			<b>41.69</b>	25.16		6.20	9.19	6.49	<b>1.46</b>	-15.07	21.56
0.20			<b>41.56</b>	25.03		6.30	9.02	6.32	<b>2.30</b>	-14.23	20.55
0.30			<b>41.25</b>	24.72		6.40	8.85	6.15	<b>3.02</b>	-13.51	19.66
0.40			<b>40.80</b>	24.27		6.50	8.68	5.98	<b>3.20</b>	-13.33	19.31
0.50			<b>40.26</b>	23.73		6.60	8.51	5.81	<b>3.03</b>	-13.50	19.31
0.60			<b>39.47</b>	22.94		6.70	8.35	5.65	<b>2.40</b>	-14.13	19.78
0.70			<b>38.56</b>	22.03		6.80	8.19	5.49	<b>1.23</b>	-15.30	20.79
0.80			<b>37.56</b>	21.03		6.90	8.03	5.33	<b>-0.67</b>	-17.20	22.53
0.90			<b>36.28</b>	19.75		7.00	8.00	5.30	<b>-3.49</b>	-20.02	25.32
1.00			<b>34.94</b>	18.41		7.10	8.00	5.30	<b>-7.39</b>	-23.92	29.22
1.10			<b>33.22</b>	16.69		7.20	8.00	5.30	<b>-8.81</b>	-25.34	30.64
1.20			<b>31.08</b>	14.55		7.30	8.00	5.30	<b>-6.13</b>	-22.66	27.96
1.30			<b>28.74</b>	12.21		7.40	8.00	5.30	<b>-3.35</b>	-19.88	25.18
1.40			<b>26.00</b>	9.47		7.50	8.00	5.30	<b>-0.99</b>	-17.52	22.82
1.50	24.60	21.90	<b>22.50</b>	5.97	15.93	7.60	8.00	5.30	<b>0.50</b>	-16.03	21.33
1.60	23.90	21.20	<b>17.86</b>	1.33	19.87	7.70	8.00	5.30	<b>0.96</b>	-15.57	20.87
1.70	23.24	20.54	<b>10.91</b>	-5.62	26.16	7.80	8.00	5.30	<b>1.29</b>	-15.24	20.54
1.80	22.62	19.92	<b>2.84</b>	-13.69	33.61	7.90	8.00	5.30	<b>0.94</b>	-15.59	20.89
1.90	22.03	19.33	<b>9.49</b>	-7.04	26.37	8.00	8.00	5.30	<b>0.22</b>	-16.31	21.61
2.00	21.47	18.77	<b>12.37</b>	-4.16	22.94	8.10	8.00	5.30	<b>-0.91</b>	-17.44	22.74
2.10	20.94	18.24	<b>13.48</b>	-3.05	21.30	8.20	8.00	5.30	<b>-2.73</b>	-19.26	24.56
2.20	20.44	17.74	<b>13.78</b>	-2.75	20.49	8.30	8.00	5.30	<b>-4.88</b>	-21.41	26.71
2.30	19.96	17.26	<b>12.92</b>	-3.61	20.87	8.40	8.00	5.30	<b>-7.08</b>	-23.61	28.91
2.40	19.49	16.79	<b>11.62</b>	-4.91	21.71	8.50	8.00	5.30	<b>-8.39</b>	-24.92	30.22
2.50	19.05	16.35	<b>9.20</b>	-7.33	23.68	8.60	8.00	5.30	<b>-7.87</b>	-24.40	29.70
2.60	18.63	15.93	<b>6.80</b>	-9.73	25.66	8.70	8.00	5.30	<b>-6.48</b>	-23.01	28.31
2.70	18.22	15.52	<b>5.31</b>	-11.22	26.74	8.80	8.00	5.30	<b>-5.93</b>	-22.46	27.76
2.80	17.82	15.12	<b>6.47</b>	-10.06	25.18	8.90	8.00	5.30	<b>-5.55</b>	-22.08	27.38
2.90	17.44	14.74	<b>8.36</b>	-8.17	22.91	9.00	8.00	5.30	<b>-5.59</b>	-22.12	27.42
3.00	17.07	14.37	<b>9.52</b>	-7.01	21.38	9.50	7.56	4.86	<b>-4.41</b>	-20.94	25.80
3.10	16.72	14.02	<b>10.10</b>	-6.43	20.45	10.00	7.00	4.30	<b>-1.86</b>	-18.39	22.69
3.20	16.37	13.67	<b>10.29</b>	-6.24	19.91	15.00	2.60	-0.10	<b>-9.40</b>	-25.93	25.83
3.30	16.04	13.34	<b>9.73</b>	-6.80	20.14	20.00	-0.53	-3.23	<b>-16.50</b>	-33.03	29.81
3.40	15.71	13.01	<b>8.69</b>	-7.84	20.86	25.00	-2.95	-5.65	<b>-18.95</b>	-35.48	29.83
3.50	15.40	12.70	<b>6.86</b>	-9.67	22.37	30.00	-4.93	-7.63	<b>-18.80</b>	-35.33	27.70
3.60	15.09	12.39	<b>4.31</b>	-12.22	24.61	35.00	-6.60	-9.30	<b>-19.09</b>	-35.62	26.32
3.70	14.79	12.09	<b>-0.34</b>	-16.87	28.97	40.00	-8.05	-10.75	<b>-18.98</b>	-35.51	24.76
3.80	14.51	11.81	<b>-9.08</b>	-25.61	37.42	45.00	-9.33	-12.03	<b>-23.19</b>	-39.72	27.69
3.90	14.22	11.52	<b>-8.27</b>	-24.80	36.33	50.00	-10.00	-12.70	<b>-18.11</b>	-34.64	21.94
4.00	13.95	11.25	<b>-1.76</b>	-18.29	29.54	55.00	-10.00	-12.70	<b>-20.91</b>	-37.44	24.74
4.10	13.68	10.98	<b>1.42</b>	-15.11	26.09	60.00	-10.00	-12.70	<b>-22.54</b>	-39.07	26.37
4.20	13.42	10.72	<b>2.93</b>	-13.60	24.32	65.00	-10.00	-12.70	<b>-22.63</b>	-39.16	26.46
4.30	13.16	10.46	<b>3.44</b>	-13.09	23.56	70.00	-10.00	-12.70	<b>-16.18</b>	-32.71	20.01
4.40	12.91	10.21	<b>3.03</b>	-13.50	23.72	75.00	-10.00	-12.70	<b>-9.67</b>	-26.20	13.50
4.50	12.67	9.97	<b>1.94</b>	-14.59	24.56	80.00	-10.00	-12.70	<b>-14.80</b>	-31.33	18.63
4.60	12.43	9.73	<b>-0.42</b>	-16.95	26.68	85.00	-10.00	-12.70	<b>-17.58</b>	-34.11	21.41
4.70	12.20	9.50	<b>-4.31</b>	-20.84	30.34	90.00	-10.00	-12.70	<b>-36.97</b>	-53.50	40.80
4.80	11.97	9.27	<b>-14.25</b>	-30.78	40.05	95.00	-10.00	-12.70	<b>-16.18</b>	-32.71	20.01
4.90	11.75	9.05	<b>-11.20</b>	-27.73	36.78	100.00	-10.00	-12.70	<b>-13.30</b>	-29.83	17.13
5.00	11.53	8.83	<b>-3.97</b>	-20.50	29.33	105.00	-10.00	-12.70	<b>-15.97</b>	-32.50	19.80
5.10	11.31	8.61	<b>-0.09</b>	-16.62	25.23	110.00	-10.00	-12.70	<b>-14.87</b>	-31.40	18.70
5.20	11.10	8.40	<b>1.97</b>	-14.56	22.96	115.00	-10.00	-12.70	<b>-10.81</b>	-27.34	14.64
5.30	10.89	8.19	<b>3.16</b>	-13.37	21.57	120.00	-10.00	-12.70	<b>-13.42</b>	-29.95	17.25
5.40	10.69	7.99	<b>3.76</b>	-12.77	20.76	125.00	-10.00	-12.70	<b>-11.64</b>	-28.17	15.47
5.50	10.49	7.79	<b>3.68</b>	-12.85	20.64	130.00	-10.00	-12.70	<b>-9.35</b>	-25.88	13.18
5.60	10.30	7.60	<b>3.29</b>	-13.24	20.84	135.00	-10.00	-12.70	<b>-6.12</b>	-22.65	9.95
5.70	10.10	7.40	<b>2.51</b>	-14.02	21.43	140.00	-10.00	-12.70	<b>-3.89</b>	-20.42	7.72
5.80	9.91	7.21	<b>1.37</b>	-15.16	22.38	145.00	-10.00	-12.70	<b>-5.53</b>	-22.06	9.36
5.90	9.73	7.03	<b>0.34</b>	-16.19	23.22	150.00	-10.00	-12.70	<b>-0.69</b>	-17.22	4.52
6.00	9.55	6.85	<b>0.14</b>	-16.39	23.24	155.00	-10.00	-12.70	<b>-3.21</b>	-19.74	7.04
						160.00	-10.00	-12.70	<b>-1.53</b>	-18.06	5.36
						165.00	-10.00	-12.70	<b>-0.25</b>	-16.78	4.08
						170.00	-10.00	-12.70	<b>-0.08</b>	-16.61	3.91
						175.00	-10.00	-12.70	<b>-4.84</b>	-21.37	8.67
						180.00	-10.00	-12.70	<b>-3.02</b>	-19.55	6.85

**Off-Axis Spectral Density Elevation Plane  
Values for AvL 2.4M Offset Antenna  
with 65dBW peak EIRP and 36MHz occupied bandwidth**

Value of Theta (degrees)	25.209(a)(1) Co-Pol Gain	Off-Axis EIRP Density allowed under 25.218 (d) (2)	Antenna Off-Axis Gain (dBi) Elevation Plane <b>Measured Data</b>	Max off-axis EIRP Density of antenna (dBW/4kHz)	Margin	Value of Theta (degrees)	25.209(a)(1) Co-Pol Gain	Off-Axis EIRP Density allowed under 25.218 (d) (2)	Antenna Off-Axis Gain (dBi) Elevation Plane <b>Measured Data</b>	Max off-axis EIRP Density of antenna (dBW/4kHz)	Margin
0.00			<b>41.80</b>	25.27		6.10	12.37	9.67	<b>6.68</b>	-9.85	19.52
0.10			<b>41.71</b>	25.18		6.20	12.19	9.49	<b>8.56</b>	-7.97	17.46
0.20			<b>41.50</b>	24.97		6.30	12.02	9.32	<b>9.82</b>	-6.71	16.03
0.30			<b>41.22</b>	24.69		6.40	11.85	9.15	<b>10.65</b>	-5.88	15.03
0.40			<b>40.82</b>	24.29		6.50	11.68	8.98	<b>11.09</b>	-5.44	14.42
0.50			<b>40.37</b>	23.84		6.60	11.51	8.81	<b>11.12</b>	-5.41	14.22
0.60			<b>39.83</b>	23.30		6.70	11.35	8.65	<b>10.87</b>	-5.66	14.31
0.70			<b>39.20</b>	22.67		6.80	11.19	8.49	<b>10.52</b>	-6.01	14.50
0.80			<b>38.39</b>	21.86		6.90	11.03	8.33	<b>9.77</b>	-6.76	15.09
0.90			<b>37.56</b>	21.03		7.00	10.87	8.17	<b>8.84</b>	-7.69	15.86
1.00			<b>36.52</b>	19.99		7.10	10.72	8.02	<b>7.20</b>	-9.33	17.35
1.10			<b>35.17</b>	18.64		7.20	10.57	7.87	<b>5.29</b>	-11.24	19.11
1.20			<b>33.82</b>	17.29		7.30	10.42	7.72	<b>3.11</b>	-13.42	21.14
1.30			<b>31.97</b>	15.44		7.40	10.27	7.57	<b>1.00</b>	-15.53	23.10
1.40			<b>30.03</b>	13.50		7.50	10.12	7.42	<b>0.36</b>	-16.17	23.60
1.50			<b>27.64</b>	11.11		7.60	9.98	7.28	<b>1.08</b>	-15.45	22.73
1.60			<b>25.17</b>	8.64		7.70	9.84	7.14	<b>2.86</b>	-13.67	20.81
1.70			<b>22.49</b>	5.96		7.80	9.70	7.00	<b>4.05</b>	-12.48	19.48
1.80			<b>19.99</b>	3.46		7.90	9.56	6.86	<b>5.34</b>	-11.19	18.05
1.90			<b>18.86</b>	2.33		8.00	9.42	6.72	<b>5.74</b>	-10.79	17.51
2.00			<b>19.01</b>	2.48		8.10	9.29	6.59	<b>6.17</b>	-10.36	16.95
2.10			<b>19.80</b>	3.27		8.20	9.15	6.45	<b>6.06</b>	-10.47	16.93
2.20			<b>20.46</b>	3.93		8.30	9.02	6.32	<b>5.42</b>	-11.11	17.44
2.30			<b>20.61</b>	4.08		8.40	8.89	6.19	<b>4.47</b>	-12.06	18.26
2.40			<b>20.48</b>	3.95		8.50	8.76	6.06	<b>3.37</b>	-13.16	19.23
2.50			<b>19.87</b>	3.34		8.60	8.64	5.94	<b>1.79</b>	-14.74	20.68
2.60			<b>18.66</b>	2.13		8.70	8.51	5.81	<b>-0.04</b>	-16.57	22.38
2.70			<b>17.07</b>	0.54		8.80	8.39	5.69	<b>-1.79</b>	-18.32	24.01
2.80			<b>14.69</b>	-1.84		8.90	8.27	5.57	<b>-3.54</b>	-20.07	25.64
2.90			<b>11.27</b>	-5.26		9.00	8.14	5.44	<b>-4.13</b>	-20.66	26.11
3.00	20.07	17.37	<b>6.37</b>	-10.16	27.53	9.50	7.56	4.86	<b>-0.77</b>	-17.30	22.16
3.10	19.72	17.02	<b>3.07</b>	-13.46	30.48	10.00	7.00	4.30	<b>-8.71</b>	-25.24	29.54
3.20	19.37	16.67	<b>7.59</b>	-8.94	25.61	15.00	2.60	-0.10	<b>-2.80</b>	-19.33	19.23
3.30	19.04	16.34	<b>11.15</b>	-5.38	21.72	20.00	-0.53	-3.23	<b>-5.92</b>	-22.45	19.23
3.40	18.71	16.01	<b>13.86</b>	-2.67	18.69	25.00	-2.95	-5.65	<b>-6.54</b>	-23.07	17.42
3.50	18.40	15.70	<b>15.27</b>	-1.26	16.96	30.00	-4.93	-7.63	<b>-11.92</b>	-28.45	20.82
3.60	18.09	15.39	<b>16.25</b>	-0.28	15.67	35.00	-6.60	-9.30	<b>-13.55</b>	-30.08	20.78
3.70	17.79	15.09	<b>16.76</b>	0.23	14.87	40.00	-8.05	-10.75	<b>-14.51</b>	-31.04	20.29
3.80	17.51	14.81	<b>16.71</b>	0.18	14.63	45.00	-9.33	-12.03	<b>-9.33</b>	-25.86	13.83
3.90	17.22	14.52	<b>16.36</b>	-0.17	14.70	50.00	-10.00	-12.70	<b>-10.00</b>	-26.53	13.83
4.00	16.95	14.25	<b>15.36</b>	-1.17	15.42	55.00	-10.00	-12.70	<b>-10.00</b>	-26.53	13.83
4.10	16.68	13.98	<b>13.98</b>	-2.55	16.53	60.00	-10.00	-12.70	<b>-10.00</b>	-26.53	13.83
4.20	16.42	13.72	<b>12.17</b>	-4.36	18.08	65.00	-10.00	-12.70	<b>-10.00</b>	-26.53	13.83
4.30	16.16	13.46	<b>9.72</b>	-6.81	20.28	70.00	-10.00	-12.70	<b>-10.00</b>	-26.53	13.83
4.40	15.91	13.21	<b>6.80</b>	-9.73	22.95	75.00	-10.00	-12.70	<b>-10.00</b>	-26.53	13.83
4.50	15.67	12.97	<b>4.26</b>	-12.27	25.24	80.00	-10.00	-12.70	<b>-10.00</b>	-26.53	13.83
4.60	15.43	12.73	<b>4.81</b>	-11.72	24.45	85.00	-10.00	-12.70	<b>-10.00</b>	-26.53	13.83
4.70	15.20	12.50	<b>7.08</b>	-9.45	21.95	90.00	-10.00	-12.70	<b>-10.00</b>	-26.53	13.83
4.80	14.97	12.27	<b>8.71</b>	-7.82	20.09	95.00	-10.00	-12.70	<b>-10.00</b>	-26.53	13.83
4.90	14.75	12.05	<b>10.14</b>	-6.39	18.44	100.00	-10.00	-12.70	<b>-10.00</b>	-26.53	13.83
5.00	14.53	11.83	<b>11.09</b>	-5.44	17.27	105.00	-10.00	-12.70	<b>-10.00</b>	-26.53	13.83
5.10	14.31	11.61	<b>11.45</b>	-5.08	16.69	110.00	-10.00	-12.70	<b>-10.00</b>	-26.53	13.83
5.20	14.10	11.40	<b>11.41</b>	-5.12	16.52	115.00	-10.00	-12.70	<b>-10.00</b>	-26.53	13.83
5.30	13.89	11.19	<b>11.05</b>	-5.48	16.88	120.00	-10.00	-12.70	<b>-10.00</b>	-26.53	13.83
5.40	13.69	10.99	<b>10.23</b>	-6.30	17.29	125.00	-10.00	-12.70	<b>-10.00</b>	-26.53	13.83
5.50	13.49	10.79	<b>9.29</b>	-7.24	18.03	130.00	-10.00	-12.70	<b>-10.00</b>	-26.53	13.83
5.60	13.30	10.60	<b>8.10</b>	-8.43	19.03	135.00	-10.00	-12.70	<b>-10.00</b>	-26.53	13.83
5.70	13.10	10.40	<b>6.52</b>	-10.01	20.42	140.00	-10.00	-12.70	<b>-10.00</b>	-26.53	13.83
5.80	12.91	10.21	<b>5.05</b>	-11.48	21.70	145.00	-10.00	-12.70	<b>-10.00</b>	-26.53	13.83
5.90	12.73	10.03	<b>4.47</b>	-12.06	22.09	150.00	-10.00	-12.70	<b>-10.00</b>	-26.53	13.83
6.00	12.55	9.85	<b>5.23</b>	-11.30	21.15	155.00	-10.00	-12.70	<b>-10.00</b>	-26.53	13.83
						160.00	-10.00	-12.70	<b>-10.00</b>	-26.53	13.83
						165.00	-10.00	-12.70	<b>-10.00</b>	-26.53	13.83
						170.00	-10.00	-12.70	<b>-10.00</b>	-26.53	13.83
						175.00	-10.00	-12.70	<b>-10.00</b>	-26.53	13.83
						180.00	-10.00	-12.70	<b>-10.00</b>	-26.53	13.83

**Off-Axis Spectral Density Horizon Plane  
Values for AvL 2.4M Offset Antenna  
with 65dBW peak EIRP and 36MHz occupied bandwidth**

Value of Theta (degrees)	25.209(a)(1) Co-Pol Gain	Off-Axis EIRP Density allowed under 25.218 (d) (2)	Antenna Off-Axis Gain (dBi) Horizon Plane	Max off-axis EIRP Density of antenna (dBW/4kHz)	Margin	Value of Theta (degrees)	25.209(a)(1) Co-Pol Gain	Off-Axis EIRP Density allowed under 25.218 (d) (2)	Antenna Off-Axis Gain (dBi) Horizon Plane	Max off-axis EIRP Density of antenna (dBW/4kHz)	Margin
0.00			14.53	-2.01		6.10	12.37	9.67	9.59	-6.95	16.61
0.10			14.52	-2.01		6.20	12.19	9.49	9.48	-7.05	16.54
0.20			14.52	-2.02		6.30	12.02	9.32	9.37	-7.16	16.48
0.30			14.51	-2.03		6.40	11.85	9.15	9.27	-7.26	16.41
0.40			14.49	-2.04		6.50	11.68	8.98	9.16	-7.37	16.35
0.50			14.47	-2.06		6.60	11.51	8.81	9.06	-7.47	16.29
0.60			14.45	-2.08		6.70	11.35	8.65	8.95	-7.58	16.23
0.70			14.42	-2.11		6.80	11.19	8.49	8.85	-7.68	16.17
0.80			14.39	-2.14		6.90	11.03	8.33	8.75	-7.79	16.11
0.90			14.35	-2.18		7.00	10.87	8.17	8.64	-7.89	16.06
1.00			14.31	-2.22		7.10	10.72	8.02	8.54	-7.99	16.01
1.10			14.27	-2.26		7.20	10.57	7.87	8.44	-8.09	15.96
1.20			14.22	-2.31		7.30	10.42	7.72	8.34	-8.19	15.91
1.30			14.17	-2.36		7.40	10.27	7.57	8.24	-8.29	15.86
1.40			14.12	-2.42		7.50	10.12	7.42	8.14	-8.40	15.82
1.50			14.06	-2.47		7.60	9.98	7.28	8.04	-8.50	15.77
1.60			14.00	-2.53		7.70	9.84	7.14	7.94	-8.59	15.73
1.70			13.93	-2.60		7.80	9.70	7.00	7.84	-8.69	15.69
1.80			13.87	-2.67		7.90	9.56	6.86	7.74	-8.79	15.65
1.90			13.80	-2.74		8.00	9.42	6.72	7.64	-8.89	15.61
2.00			13.72	-2.81		8.10	9.29	6.59	7.55	-8.99	15.57
2.10			13.65	-2.89		8.20	9.15	6.45	7.45	-9.08	15.54
2.20			13.57	-2.96		8.30	9.02	6.32	7.35	-9.18	15.50
2.30			13.49	-3.05		8.40	8.89	6.19	7.26	-9.28	15.47
2.40			13.40	-3.13		8.50	8.76	6.06	7.16	-9.37	15.44
2.50			13.32	-3.21		8.60	8.64	5.94	7.07	-9.47	15.40
2.60			13.23	-3.30		8.70	8.51	5.81	6.97	-9.56	15.37
2.70			13.14	-3.39		8.80	8.39	5.69	6.88	-9.65	15.34
2.80			13.05	-3.48		8.90	8.27	5.57	6.79	-9.75	15.31
2.90			12.96	-3.58		9.00	8.14	5.44	6.69	-9.84	15.28
3.00	20.07	17.37	12.86	-3.67	21.04	9.50	7.56	4.86	6.24	-10.29	15.15
3.10	19.72	17.02	12.76	-3.77	20.78	10.00	7.00	4.30	5.80	-10.73	15.03
3.20	19.37	16.67	12.67	-3.87	20.54	15.00	2.60	-0.10	2.04	-14.49	14.39
3.30	19.04	16.34	12.57	-3.97	20.30	20.00	-0.53	-3.23	-0.84	-17.37	14.15
3.40	18.71	16.01	12.47	-4.07	20.08	25.00	-2.95	-5.65	-3.15	-19.68	14.03
3.50	18.40	15.70	12.37	-4.17	19.86	30.00	-4.93	-7.63	-5.06	-21.60	13.97
3.60	18.09	15.39	12.26	-4.27	19.66	35.00	-6.60	-9.30	-6.70	-23.23	13.93
3.70	17.79	15.09	12.16	-4.37	19.47	40.00	-8.05	-10.75	-8.12	-24.65	13.90
3.80	17.51	14.81	12.06	-4.48	19.28	45.00	-9.33	-12.03	-9.38	-25.91	13.88
3.90	17.22	14.52	11.95	-4.58	19.10	50.00	-10.00	-12.70	-10.00	-26.53	13.83
4.00	16.95	14.25	11.85	-4.69	18.94	55.00	-10.00	-12.70	-10.00	-26.53	13.83
4.10	16.68	13.98	11.74	-4.79	18.77	60.00	-10.00	-12.70	-10.00	-26.53	13.83
4.20	16.42	13.72	11.63	-4.90	18.62	65.00	-10.00	-12.70	-10.00	-26.53	13.83
4.30	16.16	13.46	11.53	-5.01	18.47	70.00	-10.00	-12.70	-10.00	-26.53	13.83
4.40	15.91	13.21	11.42	-5.11	18.33	75.00	-10.00	-12.70	-10.00	-26.53	13.83
4.50	15.67	12.97	11.31	-5.22	18.19	80.00	-10.00	-12.70	-10.00	-26.53	13.83
4.60	15.43	12.73	11.20	-5.33	18.06	85.00	-10.00	-12.70	-10.00	-26.53	13.83
4.70	15.20	12.50	11.09	-5.44	17.93	90.00	-10.00	-12.70	-10.00	-26.53	13.83
4.80	14.97	12.27	10.99	-5.55	17.81	95.00	-10.00	-12.70	-10.00	-26.53	13.83
4.90	14.75	12.05	10.88	-5.65	17.70	100.00	-10.00	-12.70	-10.00	-26.53	13.83
5.00	14.53	11.83	10.77	-5.76	17.59	105.00	-10.00	-12.70	-10.00	-26.53	13.83
5.10	14.31	11.61	10.66	-5.87	17.48	110.00	-10.00	-12.70	-10.00	-26.53	13.83
5.20	14.10	11.40	10.55	-5.98	17.38	115.00	-10.00	-12.70	-10.00	-26.53	13.83
5.30	13.89	11.19	10.44	-6.09	17.28	120.00	-10.00	-12.70	-10.00	-26.53	13.83
5.40	13.69	10.99	10.34	-6.20	17.19	125.00	-10.00	-12.70	-10.00	-26.53	13.83
5.50	13.49	10.79	10.23	-6.30	17.09	130.00	-10.00	-12.70	-10.00	-26.53	13.83
5.60	13.30	10.60	10.12	-6.41	17.01	135.00	-10.00	-12.70	-10.00	-26.53	13.83
5.70	13.10	10.40	10.01	-6.52	16.92	140.00	-10.00	-12.70	-10.00	-26.53	13.83
5.80	12.91	10.21	9.91	-6.63	16.84	145.00	-10.00	-12.70	-10.00	-26.53	13.83
5.90	12.73	10.03	9.80	-6.73	16.76	150.00	-10.00	-12.70	-10.00	-26.53	13.83
6.00	12.55	9.85	9.69	-6.84	16.69	155.00	-10.00	-12.70	-10.00	-26.53	13.83
						160.00	-10.00	-12.70	-10.00	-26.53	13.83
						165.00	-10.00	-12.70	-10.00	-26.53	13.83
						170.00	-10.00	-12.70	-10.00	-26.53	13.83
						175.00	-10.00	-12.70	-10.00	-26.53	13.83
						180.00	-10.00	-12.70	-10.00	-26.53	13.83