

ECHO - LOG

Heiligerlee K

8. survey

20.12.2017

174 097



**Results of the Cavity Survey
by means of Echo-Sounding
in the cavity**

Heiligerlee K

Date: 20.12.2017

Report No.: 174 097

Customer: N.V. Nederlandse Gasunie, Heiligerlee

Responsible for the survey:

Surveyor :
Leadership :
Interpreter :
Control :

Contents

Summary of results

Legend

Enclosures:

Volume (diagrams and lists)

Diameter and radii (diagrams and lists)

Perspective views

Maximum plots (top view)

Horizontal sections

Maximum plot (side view)

Vertical sections

Logs

Summary of results

Well details

All depths are given as:	MD
Datum level for all depths:	surface
Shoe of the cemented 10 3/4"-casing:	981.0 m
Reference depth for ECHO-LOG:	981.0 m
Depth of the interface nitrogen / brine:	1499.3 m
Pressure at the cavity head:	123.9 bar

Details of survey equipment

Measuring vehicle used:	L 118
Tools used:	Echo tool BSF 2 64

General details

Number of runs:	2
Measured horizontal sections:	203
Measured tilted sections:	16
Lowest survey depth:	1505.0 m

Maximum and minimum dimensions with ref. to the measuring axis

Reference direction:

magnetic north

Determination out of 36 vertical sections derived from horizontally and tilted measured data at 5 degree intervals:

minimum radius:	0.0 m
depth:	1507.6 m
direction:	0°

maximum radius:	34.4 m
depth:	1445.0 m
direction:	315°

highest point of cavity:	1012.5 m
horizontal distance:	0.2 m
direction:	0°

lowest point of cavity:	1508.0 m
horizontal distance:	9.2 m
direction:	320°

lowest point in the measuring axis:	1507.6 m
-------------------------------------	----------

Determination out of 204 horizontal sections in the depths between 1012.5 m and 1507.5 m at 5° degree intervals:

maximum radius:	34.4 m
depth:	1445.0 m
direction:	315°

maximum diameter:	65.2 m
depth:	1412.5 m
direction:	135 - 315°

Volume

nitrogenvolume:	802 854.3 m³
depth range:	1012.5 m <--> 1499.3 m

totalvolume:	807 763.1 m³
depth range:	1012.5 m <--> 1508.0 m

Interpretation

Supposing a rectilinear propagation of ultrasonic waves all recorded echo travel times were converted into distances by using the subsequent speeds of sound:

404.3 m/s to 409.2 m/s in nitrogen (measured), 1830.0 m/s in brine (assumed)

In the case of recording several echoes along one trace of echo signals, the representative echo signal was selected according to the level of amplitude, transmission time, density of measured points and the shape of the cavity.

Horizontal sections

203 horizontal sections at following measured depths are included as graphical plots in this report:

1012.5 m	1014.0 m	1014.5 m	1015.0 m	1015.5 m	1016.0 m	1017.5 m
1020.0 m	1022.5 m	1025.0 m	1027.5 m	1030.0 m	1032.5 m	1035.0 m
1037.5 m	1040.0 m	1042.5 m	1045.0 m	1047.5 m	1050.0 m	1052.5 m
1055.0 m	1057.5 m	1060.0 m	1062.5 m	1065.0 m	1067.5 m	1070.0 m
1072.5 m	1075.0 m	1077.5 m	1080.0 m	1082.5 m	1085.0 m	1087.5 m
1090.0 m	1092.5 m	1095.0 m	1097.5 m	1100.0 m	1102.5 m	1105.0 m
1107.5 m	1110.0 m	1112.5 m	1115.0 m	1117.5 m	1120.0 m	1122.5 m
1125.0 m	1127.5 m	1130.0 m	1132.5 m	1135.0 m	1137.5 m	1140.0 m
1142.5 m	1145.0 m	1147.5 m	1150.0 m	1152.5 m	1155.0 m	1157.5 m
1160.0 m	1162.5 m	1165.0 m	1167.5 m	1170.0 m	1172.5 m	1175.0 m
1177.5 m	1180.0 m	1182.5 m	1185.0 m	1187.5 m	1190.0 m	1192.5 m
1195.0 m	1197.5 m	1200.0 m	1202.5 m	1205.0 m	1207.5 m	1210.0 m
1212.5 m	1215.0 m	1217.5 m	1220.0 m	1222.5 m	1225.0 m	1227.5 m
1230.0 m	1232.5 m	1235.0 m	1237.5 m	1240.0 m	1242.5 m	1245.0 m
1247.5 m	1250.0 m	1252.5 m	1255.0 m	1257.5 m	1260.0 m	1262.5 m
1265.0 m	1267.5 m	1270.0 m	1272.5 m	1275.0 m	1277.5 m	1280.0 m
1282.5 m	1285.0 m	1287.5 m	1290.0 m	1292.5 m	1295.0 m	1297.5 m
1300.0 m	1302.5 m	1305.0 m	1307.5 m	1310.0 m	1312.5 m	1315.0 m
1317.5 m	1320.0 m	1322.5 m	1325.0 m	1327.5 m	1330.0 m	1332.5 m
1335.0 m	1337.5 m	1340.0 m	1342.5 m	1345.0 m	1347.5 m	1350.0 m
1352.5 m	1355.0 m	1357.5 m	1360.0 m	1362.5 m	1365.0 m	1367.5 m
1370.0 m	1372.5 m	1375.0 m	1377.5 m	1380.0 m	1382.5 m	1385.0 m
1387.5 m	1390.0 m	1392.5 m	1395.0 m	1397.5 m	1400.0 m	1402.5 m
1405.0 m	1407.5 m	1410.0 m	1412.5 m	1415.0 m	1417.5 m	1420.0 m
1422.5 m	1425.0 m	1427.5 m	1430.0 m	1432.5 m	1435.0 m	1437.5 m
1440.0 m	1442.5 m	1445.0 m	1447.5 m	1450.0 m	1452.5 m	1455.0 m
1457.5 m	1460.0 m	1462.5 m	1465.0 m	1467.5 m	1470.0 m	1472.5 m
1475.0 m	1477.5 m	1480.0 m	1482.5 m	1485.0 m	1487.5 m	1490.0 m
1492.5 m	1495.0 m	1497.5 m	1500.0 m	1501.5 m	1503.0 m	1505.0 m

The following 1 section is constructed:

1507.5 m



Tilted sections

16 sections recorded with tilted echo-transducer at following measured depths are presented in the vertical sections:

6 sections of these with upwards-tilted echo-transducer:

Depth / Tilting Angle

1028.0 / 48 1028.0 / 54 1028.0 / 60 1028.0 / 66 1028.0 / 72 1028.0 / 78

10 sections of these with downwards-tilted echo-transducer:

Depth / Tilting Angle

1503.0 / 12 1503.0 / 24 1503.0 / 36 1503.0 / 48 1503.0 / 54 1503.0 / 60
1503.0 / 66 1503.0 / 72 1503.0 / 78 1503.0 / 84

Vertical sections

The shape of the cavity was determined by interpretation of all horizontally and tilted measured data and is presented by 36 vertical sections in this report.

Maximum plots (top view)

The maximum plot presents the largest extension of the cavity in a top view. The first picture shows the areas of all horizontal sections and the area resulting out of the vertical sections (hatched). The resulting total area is shown in the second picture (cross hatching) together with the largest single area.

In both pictures the total centre of gravity of the cavity is shown with its distance and its direction referring to the measuring axis.

The total centre of gravity is derived out of the envelope, which is the connection line of the largest cavity extension in every direction

Perspective views

Several perspective drawings are included in this report to give a quick review of detailed relations.

Comparison with previously measured data

If there are data of previous surveys available these are presented with a different line style to mark out for changes.



LOG - Data

You will find the graphic representations of the following LOG data at the end of this report:

Parameter	from	to
Temperature:	967.0 m	1496.0 m
Pressure:	967.1 m	1496.1 m
CCL:	965.8 m	1494.8 m

LEGEND

-  Measured point recorded with horizontal adjusted ultrasonic transducer
-  Measured point recorded with tilted or vertical orientated ultrasonic transducer
-  Interpolated point derived from the vertical sections
-  Connection line between two measured points in order to calculate the volume
-  Assumed connection line (in areas which are not sufficiently covered by measured points)
- GiN** Grid-North
- N** Magnetic north determined with compass inside the tool
(magnetic compass in areas without tubing)
(fibre gyro compass in areas with tunings)
- (N)** Assumed north direction (for sections in magnetic disturbed surroundings without fibre gyro compass)
- a** Longest extension in section
(without considering of hidden leached pockets)
- b** Longest extension in section perpendicular to a
(without considering of hidden leached pockets)
- a/b** Ratio of longest extensions in section which are perpendicular to each other
- (+ xx m²)** Area in actual section resulting from hidden leached pockets
- r~** Average radius



Volume list

Cavity: Heiligerlee K

174097

20.12.2017

Depth [m]	Radius [m]	Area [m²]	Depth range [m]		Volume [m³]	
			from	to	partial	total
1012.5	0.3	0.2	1012.50	1013.25	0.2	0.2
1014.0	0.4	0.5	1013.25	1014.25	0.5	0.7
1014.5	0.4	0.6	1014.25	1014.75	0.3	1.0
1015.0	0.5	0.8	1014.75	1015.25	0.4	1.4
1015.5	1.8	9.8	1015.25	1015.75	4.9	6.3
1016.0	1.8	10.5	1015.75	1016.75	10.5	16.8
1017.5	12.8	518.5	1016.75	1018.75	1037.0	1053.9
1020.0	13.3	552.6	1018.75	1021.25	1381.6	2435.5
1022.5	13.6	577.6	1021.25	1023.75	1443.9	3879.4
1025.0	13.8	598.2	1023.75	1026.25	1495.4	5374.8
1027.5	14.0	615.5	1026.25	1028.75	1538.7	6913.5
1030.0	14.1	628.8	1028.75	1031.25	1572.0	8485.4
1032.5	14.3	638.4	1031.25	1033.75	1596.0	10081.5
1035.0	14.4	648.3	1033.75	1036.25	1620.7	11702.2
1037.5	14.5	656.3	1036.25	1038.75	1640.9	13343.0
1040.0	14.5	663.8	1038.75	1041.25	1659.4	15002.5
1042.5	14.6	671.3	1041.25	1043.75	1678.3	16680.7
1045.0	14.7	677.9	1043.75	1046.25	1694.6	18375.4
1047.5	14.8	684.6	1046.25	1048.75	1711.4	20086.8
1050.0	14.8	690.8	1048.75	1051.25	1727.0	21813.8
1052.5	14.9	697.0	1051.25	1053.75	1742.5	23556.4
1055.0	15.0	704.5	1053.75	1056.25	1761.2	25317.6
1057.5	15.0	711.0	1056.25	1058.75	1777.6	27095.2
1060.0	15.1	717.3	1058.75	1061.25	1793.2	28888.4
1062.5	15.2	724.0	1061.25	1063.75	1810.0	30698.4
1065.0	15.3	731.6	1063.75	1066.25	1829.1	32527.4
1067.5	15.4	740.9	1066.25	1068.75	1852.3	34379.8
1070.0	15.4	749.3	1068.75	1071.25	1873.2	36253.0
1072.5	15.5	757.2	1071.25	1073.75	1892.9	38145.9
1075.0	15.6	765.6	1073.75	1076.25	1914.0	40059.9
1077.5	15.7	772.3	1076.25	1078.75	1930.7	41990.7
1080.0	15.8	780.3	1078.75	1081.25	1950.7	43941.4
1082.5	15.8	788.4	1081.25	1083.75	1970.9	45912.3
1085.0	15.9	797.1	1083.75	1086.25	1992.7	47905.0
1087.5	16.0	806.7	1086.25	1088.75	2016.8	49921.9
1090.0	16.1	816.8	1088.75	1091.25	2042.0	51963.9
1092.5	16.2	827.8	1091.25	1093.75	2069.5	54033.5
1095.0	16.3	837.8	1093.75	1096.25	2094.6	56128.1
1097.5	16.4	847.7	1096.25	1098.75	2119.2	58247.3
1100.0	16.5	858.3	1098.75	1101.25	2145.7	60393.0
1102.5	16.6	869.6	1101.25	1103.75	2174.1	62567.1
1105.0	16.7	878.9	1103.75	1106.25	2197.3	64764.4
1107.5	16.8	890.1	1106.25	1108.75	2225.2	66989.5
1110.0	16.9	900.2	1108.75	1111.25	2250.4	69240.0
1112.5	17.0	911.5	1111.25	1113.75	2278.9	71518.8
1115.0	17.1	922.9	1113.75	1116.25	2307.1	73826.0
1117.5	17.2	934.8	1116.25	1118.75	2337.0	76162.9
1120.0	17.4	946.5	1118.75	1121.25	2366.2	78529.1
1122.5	17.4	955.4	1121.25	1123.75	2388.5	80917.6
1125.0	17.6	968.6	1123.75	1126.25	2421.4	83339.0
1127.5	17.6	977.6	1126.25	1128.75	2444.0	85783.0
1130.0	17.8	990.1	1128.75	1131.25	2475.3	88258.3



Volume list

Cavity: Heiligerlee K

174097

20.12.2017

Depth [m]	Radius [m]	Area [m²]	Depth range [m]		Volume [m³]	
			from	to	partial	total
1132.5	17.9	1002.4	1131.25	1133.75	2505.9	90764.2
1135.0	18.0	1013.0	1133.75	1136.25	2532.5	93296.7
1137.5	18.0	1023.4	1136.25	1138.75	2558.6	95855.3
1140.0	18.2	1036.5	1138.75	1141.25	2591.3	98446.5
1142.5	18.3	1048.6	1141.25	1143.75	2621.4	101068.0
1145.0	18.4	1061.0	1143.75	1146.25	2652.6	103720.6
1147.5	18.5	1074.8	1146.25	1148.75	2687.0	106407.5
1150.0	18.6	1087.0	1148.75	1151.25	2717.6	109125.1
1152.5	18.7	1098.2	1151.25	1153.75	2745.5	111870.6
1155.0	18.8	1110.0	1153.75	1156.25	2774.9	114645.6
1157.5	18.9	1124.6	1156.25	1158.75	2811.6	117457.1
1160.0	19.0	1135.3	1158.75	1161.25	2838.3	120295.4
1162.5	19.1	1148.9	1161.25	1163.75	2872.2	123167.6
1165.0	19.2	1160.9	1163.75	1166.25	2902.2	126069.9
1167.5	19.3	1174.5	1166.25	1168.75	2936.2	129006.1
1170.0	19.4	1184.6	1168.75	1171.25	2961.5	131967.5
1172.5	19.5	1198.1	1171.25	1173.75	2995.3	134962.8
1175.0	19.6	1209.6	1173.75	1176.25	3024.0	137986.9
1177.5	19.7	1223.0	1176.25	1178.75	3057.5	141044.4
1180.0	19.8	1237.1	1178.75	1181.25	3092.7	144137.1
1182.5	19.9	1247.7	1181.25	1183.75	3119.3	147256.3
1185.0	20.0	1261.6	1183.75	1186.25	3153.9	150410.3
1187.5	20.1	1273.3	1186.25	1188.75	3183.3	153593.6
1190.0	20.2	1287.5	1188.75	1191.25	3218.7	156812.3
1192.5	20.3	1298.9	1191.25	1193.75	3247.2	160059.6
1195.0	20.4	1313.1	1193.75	1196.25	3282.8	163342.4
1197.5	20.5	1325.1	1196.25	1198.75	3312.8	166655.2
1200.0	20.6	1338.9	1198.75	1201.25	3347.3	170002.5
1202.5	20.7	1352.0	1201.25	1203.75	3379.9	173382.4
1205.0	20.8	1364.9	1203.75	1206.25	3412.3	176794.6
1207.5	20.9	1377.6	1206.25	1208.75	3444.1	180238.7
1210.0	21.0	1391.8	1208.75	1211.25	3479.5	183718.3
1212.5	21.1	1403.8	1211.25	1213.75	3509.5	187227.8
1215.0	21.2	1416.2	1213.75	1216.25	3540.5	190768.3
1217.5	21.3	1426.8	1216.25	1218.75	3567.1	194335.4
1220.0	21.4	1439.0	1218.75	1221.25	3597.6	197933.0
1222.5	21.5	1450.4	1221.25	1223.75	3625.9	201558.9
1225.0	21.6	1464.6	1223.75	1226.25	3661.4	205220.3
1227.5	21.7	1478.3	1226.25	1228.75	3695.7	208916.0
1230.0	21.8	1492.3	1228.75	1231.25	3730.7	212646.7
1232.5	21.9	1506.6	1231.25	1233.75	3766.4	216413.1
1235.0	22.0	1519.6	1233.75	1236.25	3799.0	220212.2
1237.5	22.1	1533.9	1236.25	1238.75	3834.7	224046.9
1240.0	22.2	1550.1	1238.75	1241.25	3875.2	227922.1
1242.5	22.3	1563.4	1241.25	1243.75	3908.6	231830.6
1245.0	22.4	1576.6	1243.75	1246.25	3941.4	235772.0
1247.5	22.5	1591.5	1246.25	1248.75	3978.7	239750.7
1250.0	22.6	1607.1	1248.75	1251.25	4017.7	243768.3
1252.5	22.7	1621.1	1251.25	1253.75	4052.8	247821.2
1255.0	22.8	1638.4	1253.75	1256.25	4095.9	251917.1
1257.5	23.0	1656.1	1256.25	1258.75	4140.1	256057.2
1260.0	23.1	1671.0	1258.75	1261.25	4177.4	260234.6



Volume list

Cavity: Heiligerlee K

174097

20.12.2017

Depth [m]	Radius [m]	Area [m²]	Depth range [m]		Volume [m³]	
			from	to	partial	total
1262.5	23.2	1688.2	1261.25	1263.75	4220.6	264455.2
1265.0	23.3	1703.7	1263.75	1266.25	4259.3	268714.5
1267.5	23.4	1716.7	1266.25	1268.75	4291.9	273006.4
1270.0	23.5	1731.2	1268.75	1271.25	4328.1	277334.4
1272.5	23.6	1746.8	1271.25	1273.75	4366.9	281701.3
1275.0	23.7	1769.1	1273.75	1276.25	4422.7	286124.0
1277.5	23.8	1786.4	1276.25	1278.75	4466.1	290590.1
1280.0	24.0	1807.1	1278.75	1281.25	4517.8	295108.0
1282.5	24.1	1825.0	1281.25	1283.75	4562.6	299670.5
1285.0	24.2	1839.9	1283.75	1286.25	4599.7	304270.2
1287.5	24.3	1855.4	1286.25	1288.75	4638.6	308908.8
1290.0	24.4	1872.6	1288.75	1291.25	4681.6	313590.4
1292.5	24.5	1889.3	1291.25	1293.75	4723.2	318313.5
1295.0	24.6	1904.9	1293.75	1296.25	4762.1	323075.7
1297.5	24.7	1920.9	1296.25	1298.75	4802.2	327877.9
1300.0	24.9	1940.0	1298.75	1301.25	4850.0	332727.9
1302.5	25.0	1958.8	1301.25	1303.75	4897.1	337625.0
1305.0	25.1	1979.3	1303.75	1306.25	4948.2	342573.2
1307.5	25.2	1998.1	1306.25	1308.75	4995.1	347568.4
1310.0	25.3	2018.0	1308.75	1311.25	5045.1	352613.4
1312.5	25.5	2044.0	1311.25	1313.75	5109.9	357723.3
1315.0	25.6	2059.9	1313.75	1316.25	5149.6	362873.0
1317.5	25.7	2082.2	1316.25	1318.75	5205.5	368078.5
1320.0	25.9	2102.6	1318.75	1321.25	5256.5	373335.0
1322.5	26.0	2122.1	1321.25	1323.75	5305.2	378640.2
1325.0	26.1	2141.7	1323.75	1326.25	5354.2	383994.4
1327.5	26.2	2156.7	1326.25	1328.75	5391.8	389386.1
1330.0	26.3	2179.3	1328.75	1331.25	5448.2	394834.4
1332.5	26.4	2197.8	1331.25	1333.75	5494.6	400329.0
1335.0	26.6	2221.2	1333.75	1336.25	5552.9	405881.8
1337.5	26.7	2243.2	1336.25	1338.75	5608.0	411489.9
1340.0	26.8	2263.6	1338.75	1341.25	5659.0	417148.9
1342.5	27.0	2287.9	1341.25	1343.75	5719.7	422868.6
1345.0	27.1	2305.3	1343.75	1346.25	5763.4	428632.0
1347.5	27.2	2331.2	1346.25	1348.75	5828.1	434460.1
1350.0	27.3	2348.1	1348.75	1351.25	5870.1	440330.2
1352.5	27.5	2379.0	1351.25	1353.75	5947.5	446277.8
1355.0	27.7	2402.2	1353.75	1356.25	6005.5	452283.3
1357.5	27.8	2423.5	1356.25	1358.75	6058.7	458342.0
1360.0	27.9	2444.5	1358.75	1361.25	6111.2	464453.2
1362.5	28.0	2465.1	1361.25	1363.75	6162.7	470615.8
1365.0	28.1	2485.4	1363.75	1366.25	6213.6	476829.4
1367.5	28.2	2506.9	1366.25	1368.75	6267.2	483096.6
1370.0	28.4	2528.6	1368.75	1371.25	6321.5	489418.1
1372.5	28.5	2546.9	1371.25	1373.75	6367.1	495785.2
1375.0	28.6	2562.6	1373.75	1376.25	6406.6	502191.8
1377.5	28.7	2582.7	1376.25	1378.75	6456.8	508648.5
1380.0	28.8	2598.8	1378.75	1381.25	6497.1	515145.6
1382.5	28.8	2601.9	1381.25	1383.75	6504.8	521650.5
1385.0	28.9	2616.1	1383.75	1386.25	6540.3	528190.8
1387.5	28.9	2622.8	1386.25	1388.75	6556.9	534747.7
1390.0	28.9	2629.4	1388.75	1391.25	6573.4	541321.1



Volume list

Cavity: Heiligerlee K

174097

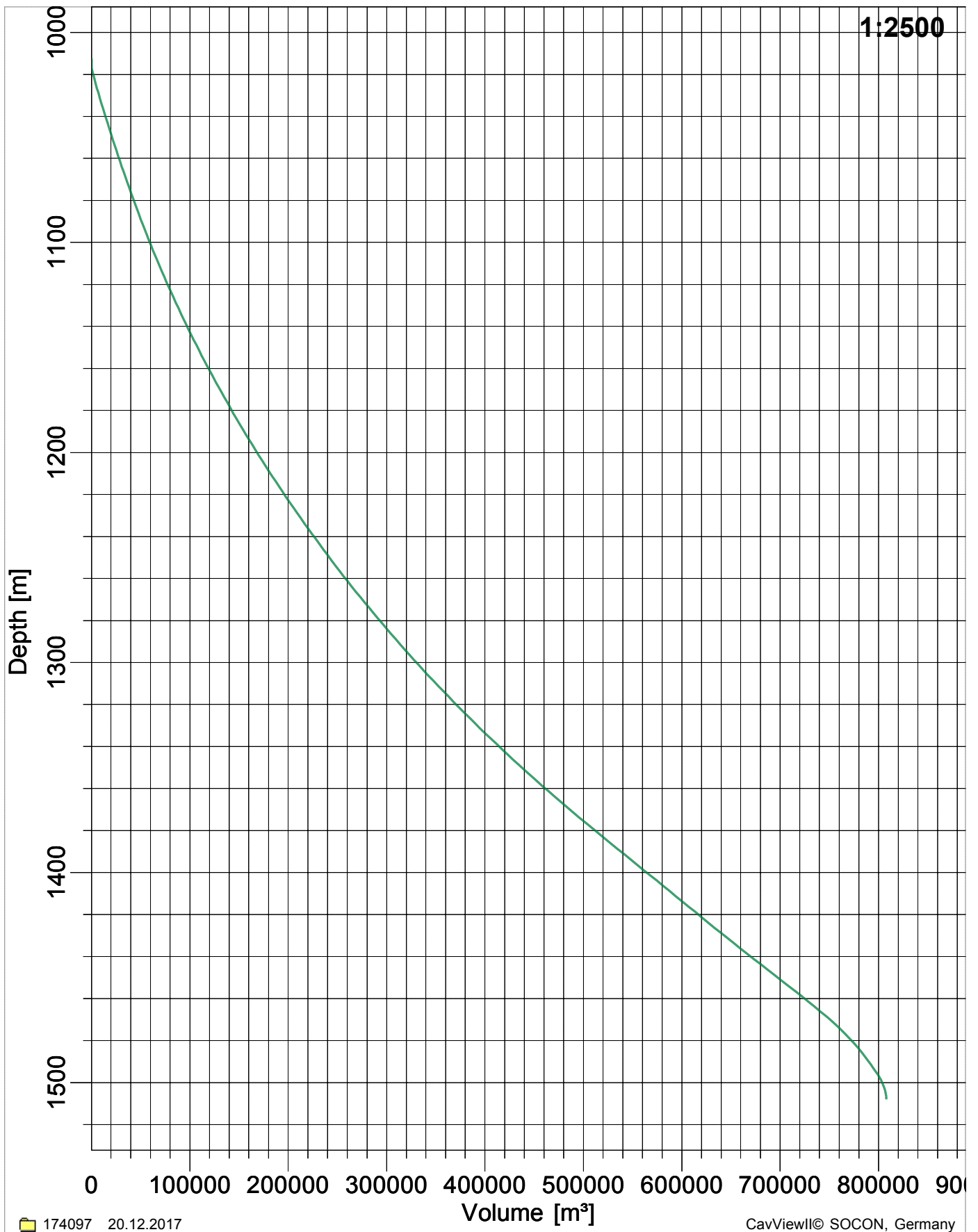
20.12.2017

Depth [m]	Radius [m]	Area [m²]	Depth range [m]		Volume [m³]	
			from	to	partial	total
1392.5	28.9	2629.1	1391.25	1393.75	6572.8	547894.0
1395.0	28.9	2631.6	1393.75	1396.25	6579.0	554472.9
1397.5	28.9	2629.5	1396.25	1398.75	6573.7	561046.6
1400.0	28.9	2627.5	1398.75	1401.25	6568.8	567615.5
1402.5	28.9	2627.4	1401.25	1403.75	6568.6	574184.1
1405.0	28.9	2623.1	1403.75	1406.25	6557.7	580741.8
1407.5	28.9	2620.4	1406.25	1408.75	6551.1	587292.8
1410.0	28.9	2622.3	1408.75	1411.25	6555.8	593848.6
1412.5	28.9	2622.6	1411.25	1413.75	6556.6	600405.2
1415.0	28.9	2620.7	1413.75	1416.25	6551.7	606956.9
1417.5	28.9	2627.3	1416.25	1418.75	6568.2	613525.1
1420.0	28.9	2618.3	1418.75	1421.25	6545.7	620070.8
1422.5	28.9	2626.4	1421.25	1423.75	6565.9	626636.7
1425.0	29.0	2635.7	1423.75	1426.25	6589.2	633225.9
1427.5	29.0	2649.5	1426.25	1428.75	6623.7	639849.6
1430.0	29.1	2668.6	1428.75	1431.25	6671.5	646521.1
1432.5	29.2	2676.4	1431.25	1433.75	6690.9	653212.0
1435.0	29.3	2691.8	1433.75	1436.25	6729.5	659941.5
1437.5	29.3	2704.3	1436.25	1438.75	6760.8	666702.3
1440.0	29.4	2719.8	1438.75	1441.25	6799.6	673501.9
1442.5	29.5	2729.4	1441.25	1443.75	6823.4	680325.3
1445.0	29.5	2741.6	1443.75	1446.25	6854.1	687179.4
1447.5	29.6	2747.2	1446.25	1448.75	6868.0	694047.4
1450.0	29.6	2750.6	1448.75	1451.25	6876.5	700923.9
1452.5	29.6	2749.0	1451.25	1453.75	6872.6	707796.4
1455.0	29.5	2743.2	1453.75	1456.25	6858.0	714654.5
1457.5	29.4	2721.5	1456.25	1458.75	6803.8	721458.3
1460.0	29.3	2687.9	1458.75	1461.25	6719.8	728178.1
1462.5	29.0	2640.3	1461.25	1463.75	6600.8	734778.8
1465.0	28.7	2583.1	1463.75	1466.25	6457.8	741236.7
1467.5	28.3	2515.8	1466.25	1468.75	6289.5	747526.2
1470.0	27.8	2433.1	1468.75	1471.25	6082.8	753609.0
1472.5	27.3	2334.1	1471.25	1473.75	5835.3	759444.3
1475.0	26.5	2201.6	1473.75	1476.25	5504.1	764948.4
1477.5	25.7	2069.6	1476.25	1478.75	5174.0	770122.3
1480.0	24.9	1954.1	1478.75	1481.25	4885.3	775007.6
1482.5	24.2	1834.5	1481.25	1483.75	4586.3	779593.9
1485.0	23.5	1734.1	1483.75	1486.25	4335.2	783929.0
1487.5	22.8	1636.2	1486.25	1488.75	4090.4	788019.4
1490.0	22.3	1564.6	1488.75	1491.25	3911.6	791931.0
1492.5	21.7	1475.6	1491.25	1493.75	3689.0	795620.0
1495.0	21.1	1394.8	1493.75	1496.25	3486.9	799106.9
1497.5	20.2	1276.5	1496.25	1498.75	3191.3	802298.2
1500.0	17.9	1011.1	1498.75	1500.75	2022.2	804320.4
1501.5	16.0	802.7	1500.75	1502.25	1204.1	805524.5
1503.0	14.2	634.8	1502.25	1504.00	1111.0	806635.4
1505.0	11.5	416.1	1504.00	1506.25	936.2	807571.6
1507.5	5.9	109.4	1506.25	1508.00	191.5	807763.1

Heiligerlee K

TOTAL VOLUME

20.12.2017

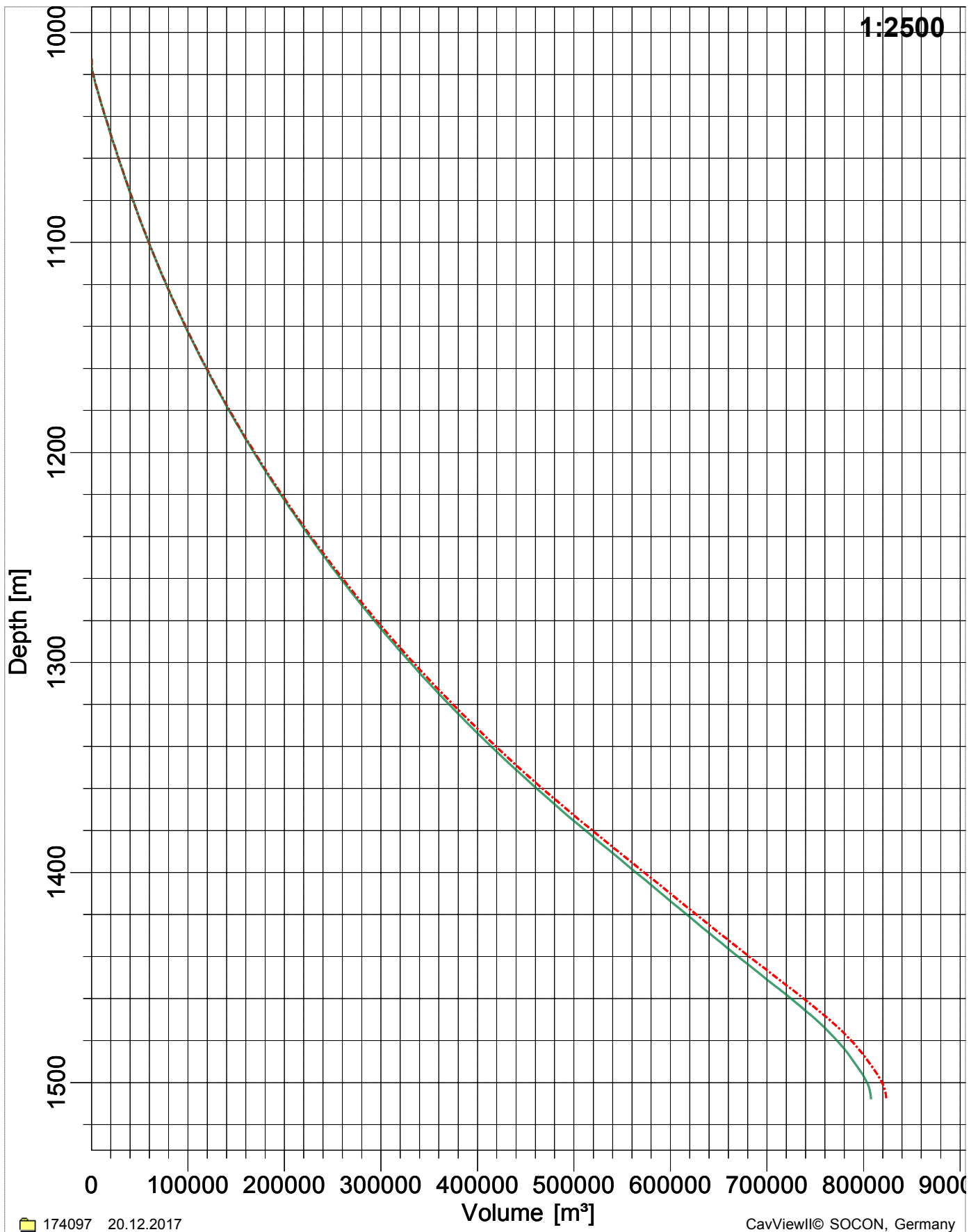


— Total volume = 807763.1 m³

Heiligerlee K

TOTAL VOLUME

20.12.2017



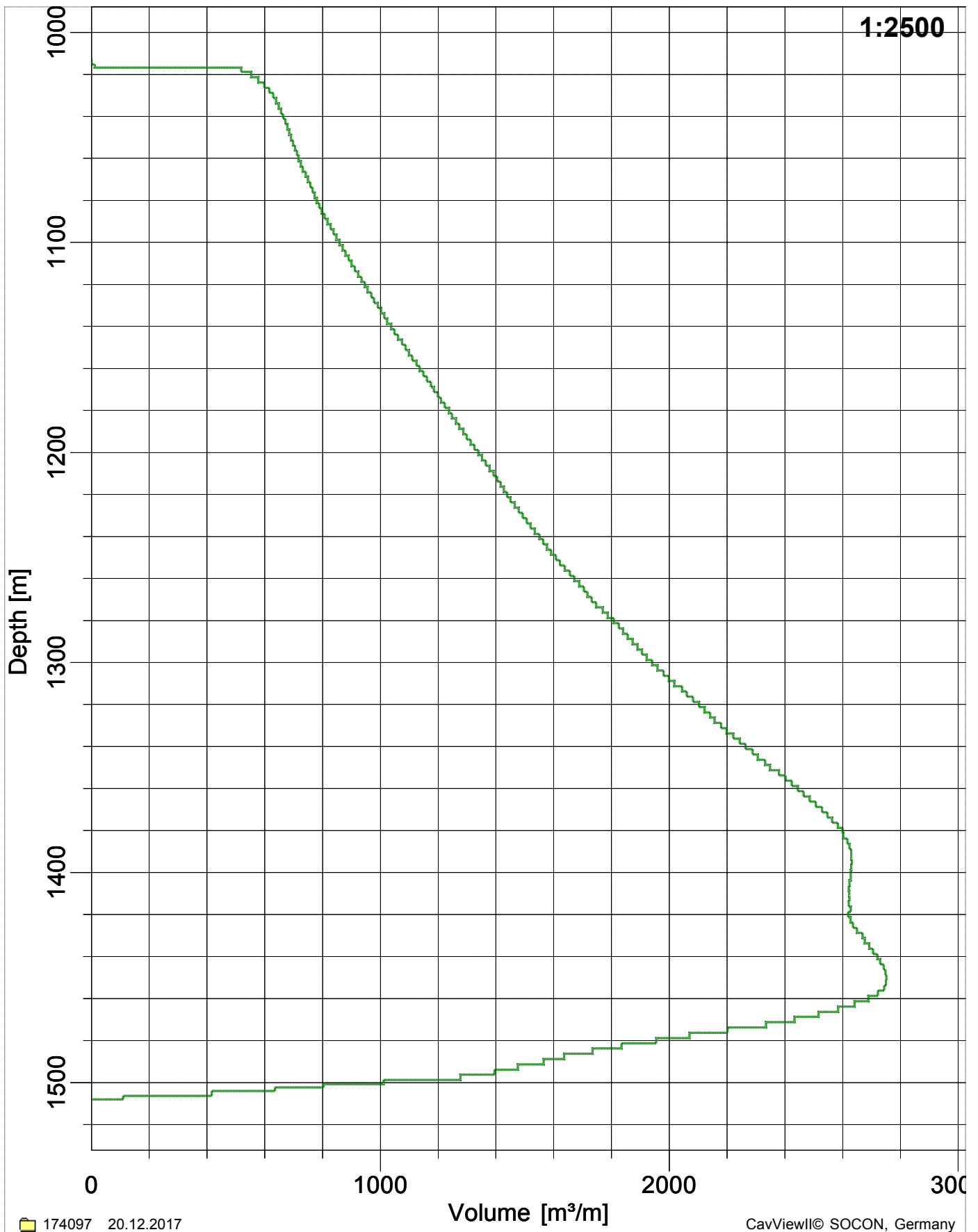
— Total volume = 807763.1 m³

- - - Total volume = 823534.1 m³ (19.05.2014)

Heiligerlee K

PARTIAL VOLUME

20.12.2017

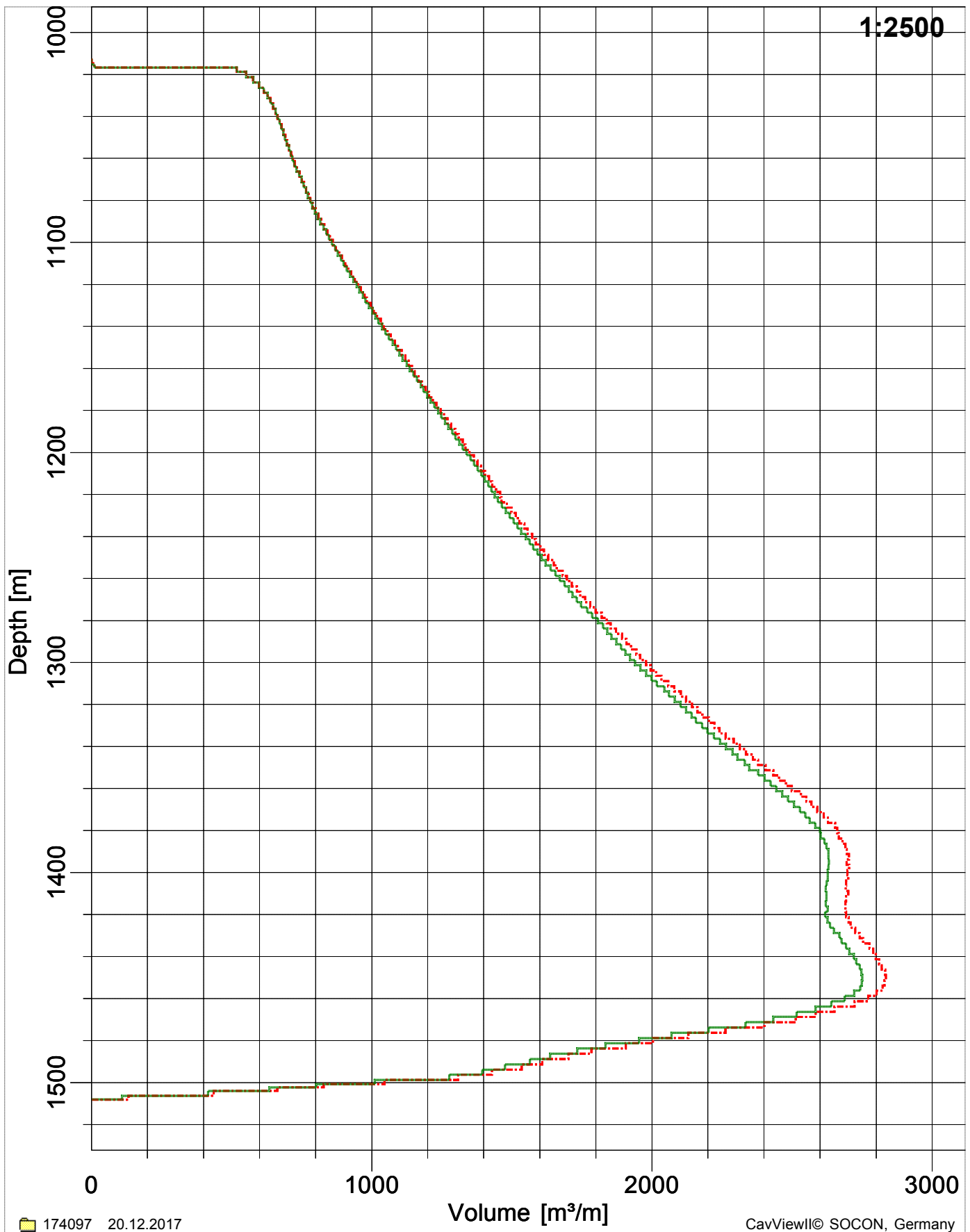


Partial volume

Heiligerlee K

PARTIAL VOLUME

20.12.2017



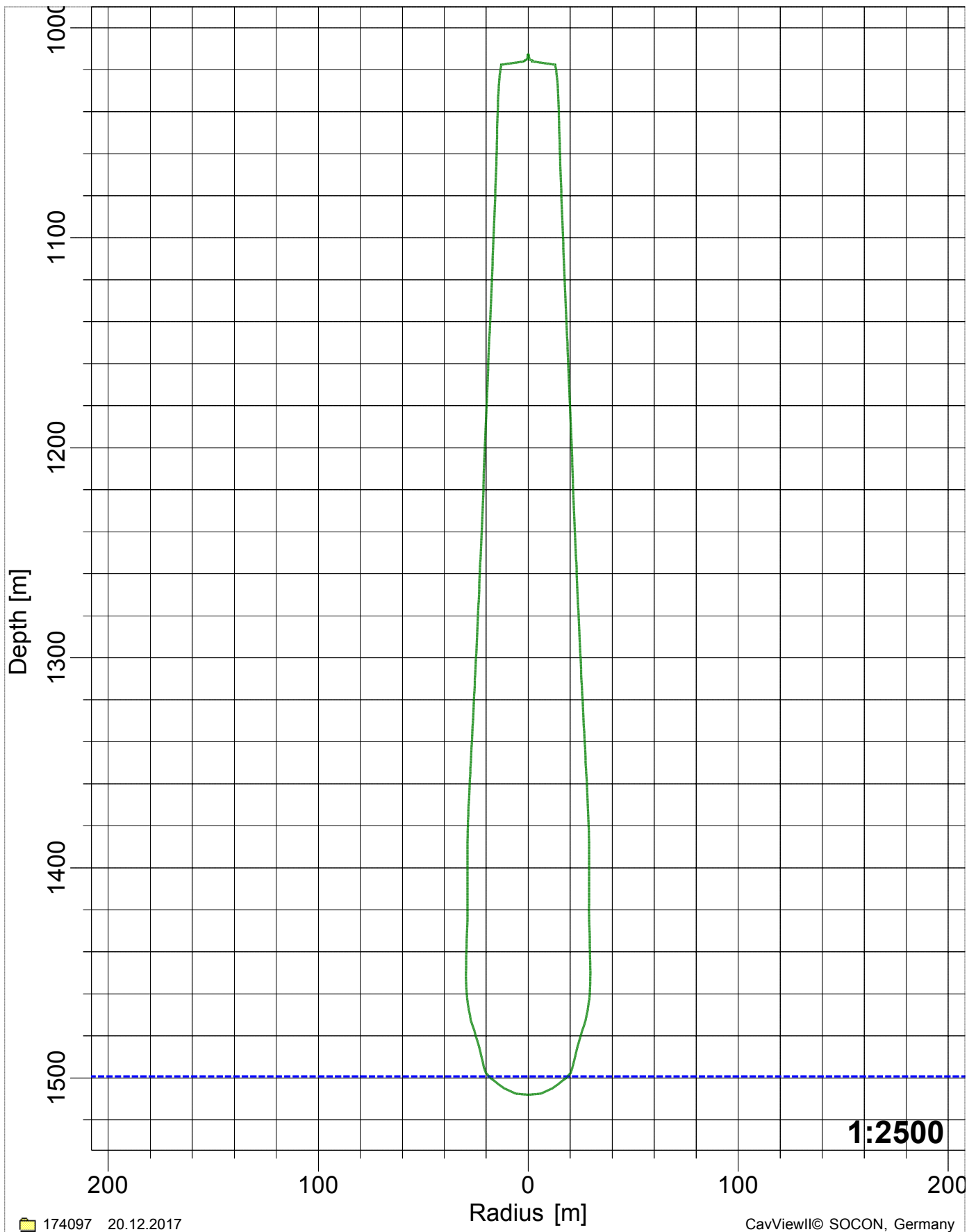
Partial volume

Partial volume (19.05.2014)

Heiligerlee K

AVERAGE RADIUS

20.12.2017



174097 20.12.2017

CavViewII© SOCON, Germany

— Average radius (20.12.2017)

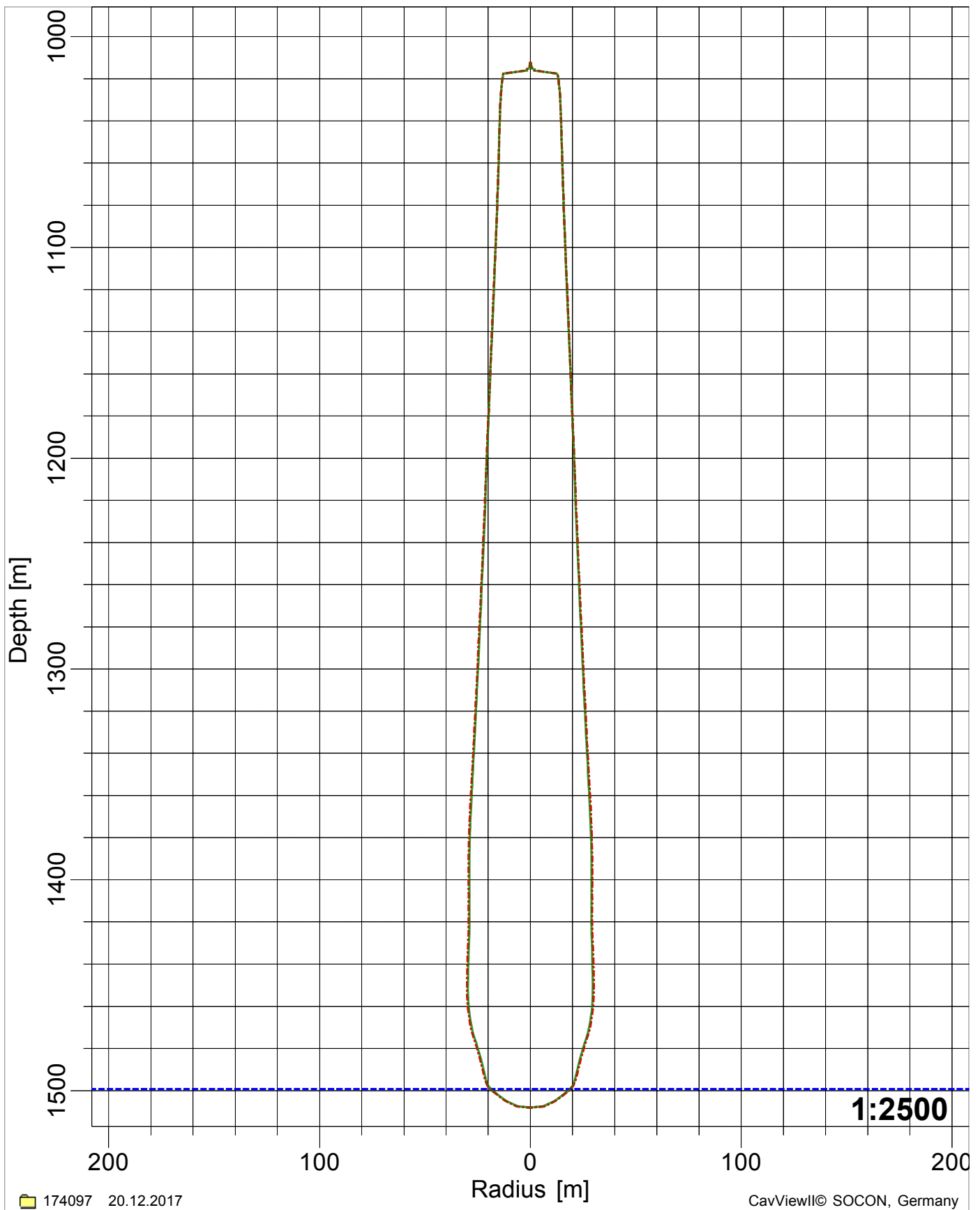
▲ 10 3/4" : 981.0 m

--- Interface 1499.3 m

Heiligerlee K

AVERAGE RADIUS

20.12.2017



— Average radius (20.12.2017)

- - - Average radius (19.05.2014)

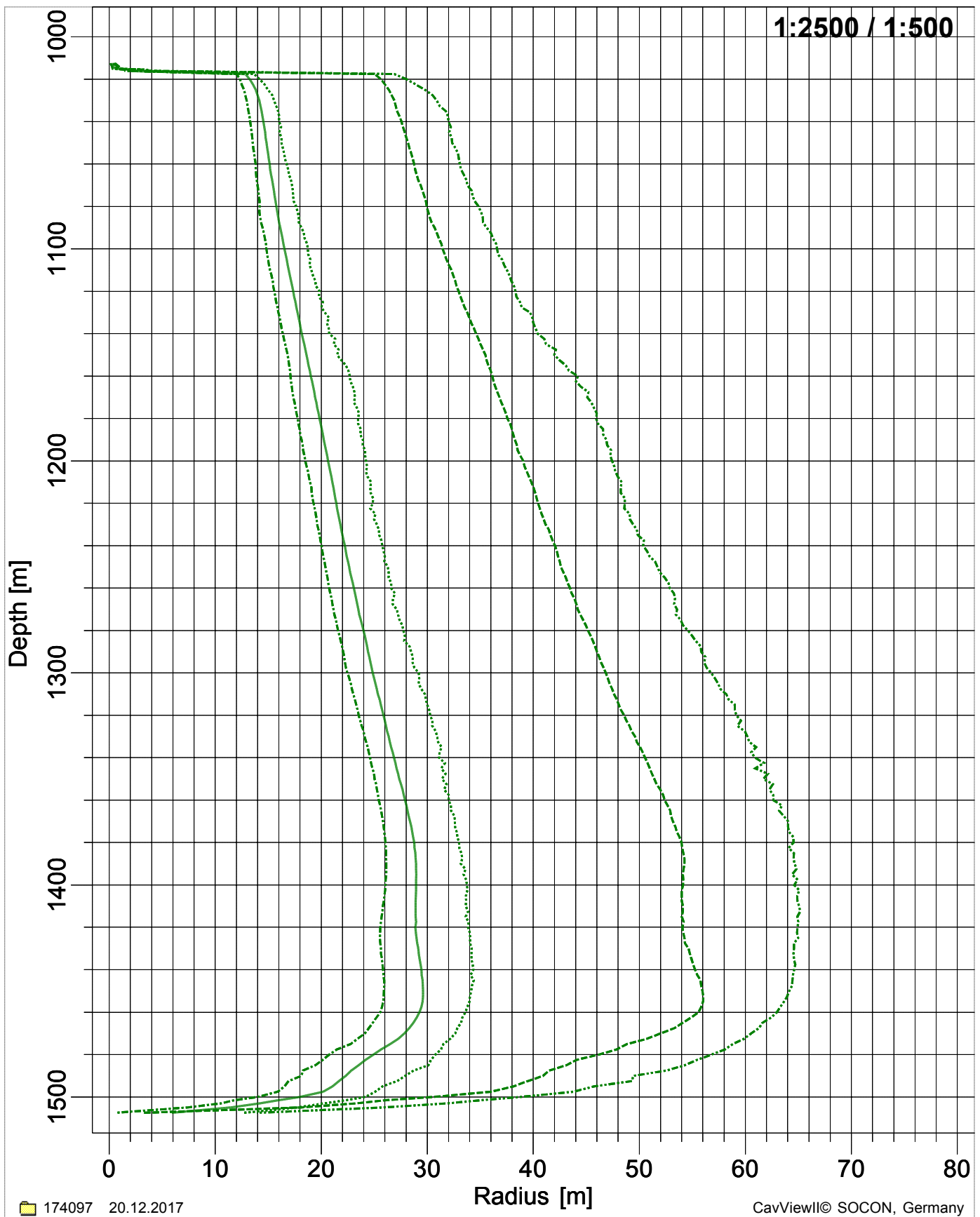
▲ 10 3/4" : 981.0 m

- - - Interface 1499.3 m

Heiligerlee K

RADII / DIAMETERS

20.12.2017



— Average radius

- - - Minimum radius

... Maximum radius

- - - Minimum diameter

- - - Maximum diameter

Table of radii and diameters

Cavity: Heiligerlee K

174097

20.12.2017

Depth [m]	Radius [MIN]		Radius [MAX]		Diameter [MIN]		Diameter [MAX]	
	[m]	[°]	[m]	[°]	[m]	[°]	[m]	[°]
1012.5	0.1	50	0.4	245	0.4	130 <-> 310	0.5	80 <-> 260
1014.0	0.3	71	0.6	240	0.8	30 <-> 210	0.9	60 <-> 240
1014.5	0.3	16	0.6	205	0.8	132 <-> 312	0.9	125 <-> 305
1015.0	0.3	30	0.7	190	0.9	123 <-> 303	1.1	10 <-> 190
1015.5	1.4	53	2.0	215	3.4	65 <-> 245	3.6	155 <-> 335
1016.0	1.5	64	2.1	250	3.6	62 <-> 242	3.7	160 <-> 340
1017.5	12.0	39	13.7	300	25.0	37 <-> 217	26.9	135 <-> 315
1020.0	12.3	47	14.2	305	25.6	41 <-> 221	28.1	135 <-> 315
1022.5	12.5	48	14.7	305	26.0	48 <-> 228	29.0	135 <-> 315
1025.0	12.7	56	15.0	135	26.4	36 <-> 216	29.8	135 <-> 315
1027.5	12.8	39	15.4	135	26.6	38 <-> 218	30.5	135 <-> 315
1030.0	13.0	40	15.5	310	26.9	38 <-> 218	30.9	135 <-> 315
1032.5	13.0	41	15.8	130	27.0	37 <-> 217	31.1	130 <-> 310
1035.0	13.1	41	15.9	130	27.2	41 <-> 221	31.7	130 <-> 310
1037.5	13.2	47	16.0	130	27.4	37 <-> 217	31.9	130 <-> 310
1040.0	13.3	47	16.0	130	27.5	32 <-> 212	32.0	130 <-> 310
1042.5	13.4	35	16.2	130	27.7	37 <-> 217	32.2	130 <-> 310
1045.0	13.4	43	16.0	305	27.8	31 <-> 211	32.0	130 <-> 310
1047.5	13.5	42	16.3	130	28.0	32 <-> 212	32.3	130 <-> 310
1050.0	13.5	41	16.2	305	28.2	37 <-> 217	32.3	125 <-> 305
1052.5	13.6	36	16.4	305	28.3	32 <-> 212	32.7	125 <-> 305
1055.0	13.7	39	16.5	305	28.5	37 <-> 217	32.9	125 <-> 305
1057.5	13.7	40	16.6	135	28.6	42 <-> 222	33.0	125 <-> 305
1060.0	13.8	32	16.7	130	28.7	22 <-> 202	33.1	125 <-> 305
1062.5	13.8	32	16.9	130	28.8	23 <-> 203	33.2	130 <-> 310
1065.0	13.8	27	17.0	130	29.0	27 <-> 207	33.4	130 <-> 310
1067.5	13.9	31	17.1	130	29.1	28 <-> 208	33.7	130 <-> 310
1070.0	14.0	32	17.2	130	29.4	31 <-> 211	33.8	125 <-> 305
1072.5	14.1	32	17.3	130	29.5	32 <-> 212	34.2	130 <-> 310
1075.0	14.1	41	17.3	135	29.7	32 <-> 212	34.3	130 <-> 310
1077.5	14.2	41	17.4	305	29.9	27 <-> 207	34.5	130 <-> 310
1080.0	14.2	36	17.6	130	29.9	31 <-> 211	34.8	130 <-> 310
1082.5	14.2	44	17.8	130	30.1	32 <-> 212	35.1	130 <-> 310
1085.0	14.2	42	17.9	130	30.2	31 <-> 211	35.2	130 <-> 310
1087.5	14.3	41	17.9	130	30.4	31 <-> 211	35.3	130 <-> 310
1090.0	14.4	42	18.1	130	30.7	31 <-> 211	35.6	130 <-> 310
1092.5	14.6	41	18.3	130	30.9	37 <-> 217	36.0	130 <-> 310
1095.0	14.7	38	18.4	130	31.1	26 <-> 206	36.2	130 <-> 310
1097.5	14.8	38	18.6	130	31.3	28 <-> 208	36.5	130 <-> 310
1100.0	14.8	38	18.7	130	31.4	28 <-> 208	36.6	130 <-> 310
1102.5	14.9	37	18.8	130	31.6	37 <-> 217	36.7	130 <-> 310
1105.0	15.0	43	19.0	130	31.8	37 <-> 217	37.1	130 <-> 310
1107.5	15.1	47	18.9	130	32.0	47 <-> 227	37.2	130 <-> 310
1110.0	15.2	47	19.1	130	32.3	47 <-> 227	37.5	130 <-> 310
1112.5	15.3	47	19.2	135	32.4	41 <-> 221	37.8	130 <-> 310
1115.0	15.4	47	19.4	135	32.6	32 <-> 212	37.9	130 <-> 310
1117.5	15.5	42	19.5	135	32.7	37 <-> 217	38.2	125 <-> 305
1120.0	15.6	41	19.8	135	33.0	37 <-> 217	38.3	135 <-> 315
1122.5	15.7	43	19.8	135	33.1	37 <-> 217	38.4	130 <-> 310
1125.0	15.7	41	20.1	135	33.3	37 <-> 217	38.7	135 <-> 315
1127.5	15.9	46	20.0	135	33.5	34 <-> 214	38.9	125 <-> 305
1130.0	16.0	46	20.3	130	33.8	42 <-> 222	39.7	130 <-> 310
1132.5	16.1	41	20.7	135	34.0	37 <-> 217	39.9	130 <-> 310

Table of radii and diameters

Cavity: Heiligerlee K

174097

20.12.2017

Depth [m]	Radius [MIN]		Radius [MAX]		Diameter [MIN]		Diameter [MAX]	
	[m]	[°]	[m]	[°]	[m]	[°]	[m]	[°]
1135.0	16.2	45	20.5	135	34.2	37 <-> 217	40.0	130 <-> 310
1137.5	16.3	46	20.7	135	34.4	43 <-> 223	40.2	130 <-> 310
1140.0	16.4	46	20.7	135	34.6	43 <-> 223	40.4	130 <-> 310
1142.5	16.5	46	21.3	134	34.8	37 <-> 217	41.0	134 <-> 314
1145.0	16.6	47	21.2	135	35.0	37 <-> 217	41.2	130 <-> 310
1147.5	16.7	41	21.6	130	35.3	32 <-> 212	42.1	130 <-> 310
1150.0	16.8	37	21.5	130	35.5	33 <-> 213	42.0	130 <-> 310
1152.5	16.9	41	21.9	130	35.6	27 <-> 207	42.5	130 <-> 310
1155.0	17.0	37	22.3	130	35.8	32 <-> 212	43.0	130 <-> 310
1157.5	17.0	36	22.6	130	36.0	31 <-> 211	43.4	130 <-> 310
1160.0	17.1	36	22.7	130	36.1	27 <-> 207	44.2	130 <-> 310
1162.5	17.1	43	22.7	130	36.2	22 <-> 202	44.0	130 <-> 310
1165.0	17.2	36	23.0	130	36.4	26 <-> 206	44.5	130 <-> 310
1167.5	17.3	42	23.1	130	36.6	32 <-> 212	45.2	130 <-> 310
1170.0	17.3	52	23.2	130	36.8	27 <-> 207	45.1	130 <-> 310
1172.5	17.5	41	23.1	130	37.0	36 <-> 216	45.5	130 <-> 310
1175.0	17.6	48	23.4	130	37.2	37 <-> 217	45.7	130 <-> 310
1177.5	17.7	47	23.5	130	37.4	31 <-> 211	46.0	130 <-> 310
1180.0	17.8	46	23.5	130	37.6	32 <-> 212	45.9	130 <-> 310
1182.5	17.8	45	23.5	130	37.8	32 <-> 212	46.1	130 <-> 310
1185.0	18.0	42	23.7	130	38.0	42 <-> 222	46.6	130 <-> 310
1187.5	18.0	43	23.7	130	38.1	43 <-> 223	46.6	130 <-> 310
1190.0	18.1	46	23.9	130	38.3	37 <-> 217	46.9	130 <-> 310
1192.5	18.2	46	23.9	130	38.4	32 <-> 212	47.0	130 <-> 310
1195.0	18.3	46	24.1	130	38.5	33 <-> 213	47.3	130 <-> 310
1197.5	18.4	42	24.1	130	38.8	37 <-> 217	47.2	130 <-> 310
1200.0	18.5	46	24.2	130	39.0	32 <-> 212	47.4	130 <-> 310
1202.5	18.6	45	24.3	130	39.2	32 <-> 212	47.6	130 <-> 310
1205.0	18.7	41	24.2	130	39.4	32 <-> 212	47.7	130 <-> 310
1207.5	18.8	48	24.4	130	39.6	24 <-> 204	48.0	130 <-> 310
1210.0	18.9	48	24.7	130	39.8	27 <-> 207	48.3	130 <-> 310
1212.5	19.1	42	24.6	130	40.0	23 <-> 203	48.2	130 <-> 310
1215.0	19.1	52	24.6	130	40.2	32 <-> 212	48.2	130 <-> 310
1217.5	19.2	53	24.9	130	40.3	38 <-> 218	48.6	130 <-> 310
1220.0	19.3	51	24.9	130	40.4	37 <-> 217	48.6	130 <-> 310
1222.5	19.4	43	24.6	130	40.6	37 <-> 217	48.6	130 <-> 310
1225.0	19.5	46	25.1	130	40.8	33 <-> 213	49.1	130 <-> 310
1227.5	19.6	51	25.0	130	41.0	38 <-> 218	49.1	135 <-> 315
1230.0	19.6	53	25.2	130	41.2	32 <-> 212	49.4	130 <-> 310
1232.5	19.7	52	25.4	130	41.5	31 <-> 211	49.8	130 <-> 310
1235.0	19.8	56	25.5	130	41.6	37 <-> 217	49.8	130 <-> 310
1237.5	19.9	47	25.7	135	41.8	37 <-> 217	50.4	130 <-> 310
1240.0	20.0	46	25.8	135	42.0	32 <-> 212	50.3	130 <-> 310
1242.5	20.1	50	25.9	135	42.2	43 <-> 223	50.7	130 <-> 310
1245.0	20.2	52	26.0	135	42.3	37 <-> 217	51.0	135 <-> 315
1247.5	20.3	51	25.9	135	42.5	37 <-> 217	51.5	130 <-> 310
1250.0	20.4	47	26.3	135	42.6	37 <-> 217	51.7	130 <-> 310
1252.5	20.5	47	26.3	135	42.8	32 <-> 212	51.9	130 <-> 310
1255.0	20.6	46	26.3	130	43.1	37 <-> 217	52.4	130 <-> 310
1257.5	20.6	47	26.6	135	43.2	32 <-> 212	52.7	130 <-> 310
1260.0	20.7	46	26.6	130	43.4	43 <-> 223	52.9	130 <-> 310
1262.5	20.8	47	26.9	134	43.6	36 <-> 216	53.3	130 <-> 310
1265.0	21.0	48	26.7	130	43.9	37 <-> 217	53.3	130 <-> 310

Table of radii and diameters

Cavity: Heiligerlee K

174097

20.12.2017

Depth [m]	Radius [MIN]		Radius [MAX]		Diameter [MIN]		Diameter [MAX]	
	[m]	[°]	[m]	[°]	[m]	[°]	[m]	[°]
1267.5	21.0	47	26.7	305	44.1	42 <-> 222	53.3	130 <-> 310
1270.0	21.2	47	27.1	310	44.2	37 <-> 217	53.6	130 <-> 310
1272.5	21.2	47	27.2	310	44.4	37 <-> 217	53.4	130 <-> 310
1275.0	21.4	46	27.4	310	44.7	37 <-> 217	53.9	130 <-> 310
1277.5	21.5	52	27.6	310	44.9	28 <-> 208	54.1	130 <-> 310
1280.0	21.6	52	27.7	310	45.2	33 <-> 213	54.6	135 <-> 315
1282.5	21.7	62	27.9	310	45.4	27 <-> 207	55.0	130 <-> 310
1285.0	21.8	56	27.8	135	45.6	32 <-> 212	55.3	135 <-> 315
1287.5	21.9	53	28.3	310	45.8	38 <-> 218	55.8	130 <-> 310
1290.0	22.1	56	28.5	310	46.0	37 <-> 217	55.8	130 <-> 310
1292.5	22.2	47	28.6	310	46.2	38 <-> 218	56.2	130 <-> 310
1295.0	22.2	54	28.6	310	46.4	37 <-> 217	56.1	130 <-> 310
1297.5	22.3	56	28.8	310	46.6	31 <-> 211	56.3	130 <-> 310
1300.0	22.5	63	29.2	310	46.8	32 <-> 212	56.8	135 <-> 315
1302.5	22.6	58	29.2	310	47.0	42 <-> 222	57.1	135 <-> 315
1305.0	22.8	61	29.2	310	47.2	32 <-> 212	57.4	130 <-> 310
1307.5	22.9	51	29.4	310	47.4	31 <-> 211	57.6	135 <-> 315
1310.0	23.0	51	29.8	310	47.6	32 <-> 212	58.2	135 <-> 315
1312.5	23.2	52	29.9	310	47.9	32 <-> 212	58.4	135 <-> 315
1315.0	23.3	47	30.0	135	48.0	36 <-> 216	59.0	135 <-> 315
1317.5	23.4	46	30.2	310	48.3	38 <-> 218	59.0	130 <-> 310
1320.0	23.5	52	30.3	309	48.6	38 <-> 218	59.2	135 <-> 315
1322.5	23.7	53	30.5	135	48.8	32 <-> 212	59.6	135 <-> 315
1325.0	23.8	52	30.5	310	49.1	32 <-> 212	59.2	135 <-> 315
1327.5	24.0	48	30.8	135	49.3	33 <-> 213	60.0	135 <-> 315
1330.0	24.1	57	30.9	135	49.6	37 <-> 217	60.2	135 <-> 315
1332.5	24.2	58	31.0	135	49.8	36 <-> 216	60.4	135 <-> 315
1335.0	24.4	51	31.4	135	50.1	31 <-> 211	61.0	135 <-> 315
1337.5	24.5	57	31.1	310	50.3	25 <-> 205	60.6	135 <-> 315
1340.0	24.6	51	31.1	310	50.5	32 <-> 212	60.9	135 <-> 315
1342.5	24.7	52	31.6	135	50.8	38 <-> 218	61.8	135 <-> 315
1345.0	24.8	51	31.3	305	51.0	38 <-> 218	60.9	135 <-> 315
1347.5	25.0	57	31.7	135	51.2	37 <-> 217	62.1	135 <-> 315
1350.0	25.0	52	31.4	305	51.4	37 <-> 217	61.7	139 <-> 319
1352.5	25.2	51	31.8	140	51.6	42 <-> 222	62.6	140 <-> 320
1355.0	25.2	57	31.6	305	52.0	37 <-> 217	62.3	140 <-> 320
1357.5	25.3	57	32.0	305	52.2	42 <-> 222	62.6	140 <-> 320
1360.0	25.4	56	32.0	305	52.4	37 <-> 217	62.7	135 <-> 315
1362.5	25.5	57	32.2	305	52.7	37 <-> 217	63.4	140 <-> 320
1365.0	25.6	61	32.2	305	52.9	37 <-> 217	63.2	135 <-> 315
1367.5	25.7	62	32.5	305	53.0	43 <-> 223	63.6	135 <-> 315
1370.0	25.8	56	32.6	305	53.2	42 <-> 222	64.0	140 <-> 320
1372.5	25.9	57	32.6	305	53.4	33 <-> 213	64.0	135 <-> 315
1375.0	25.9	57	32.8	305	53.5	37 <-> 217	64.1	135 <-> 315
1377.5	26.0	56	32.8	305	53.8	37 <-> 217	64.5	135 <-> 315
1380.0	26.0	58	33.0	320	54.0	33 <-> 213	64.5	140 <-> 320
1382.5	26.1	61	33.0	315	54.0	32 <-> 212	64.1	140 <-> 320
1385.0	26.1	62	33.2	315	54.2	36 <-> 216	64.6	135 <-> 315
1387.5	26.1	62	33.3	315	54.3	46 <-> 226	64.5	140 <-> 320
1390.0	26.1	62	33.2	315	54.3	32 <-> 212	64.6	140 <-> 320
1392.5	26.1	67	33.6	315	54.2	42 <-> 222	64.8	135 <-> 315
1395.0	26.1	66	33.4	315	54.1	44 <-> 224	64.4	130 <-> 310
1397.5	26.1	62	33.7	315	54.1	32 <-> 212	64.9	135 <-> 315

Table of radii and diameters

Cavity: Heiligerlee K

174097

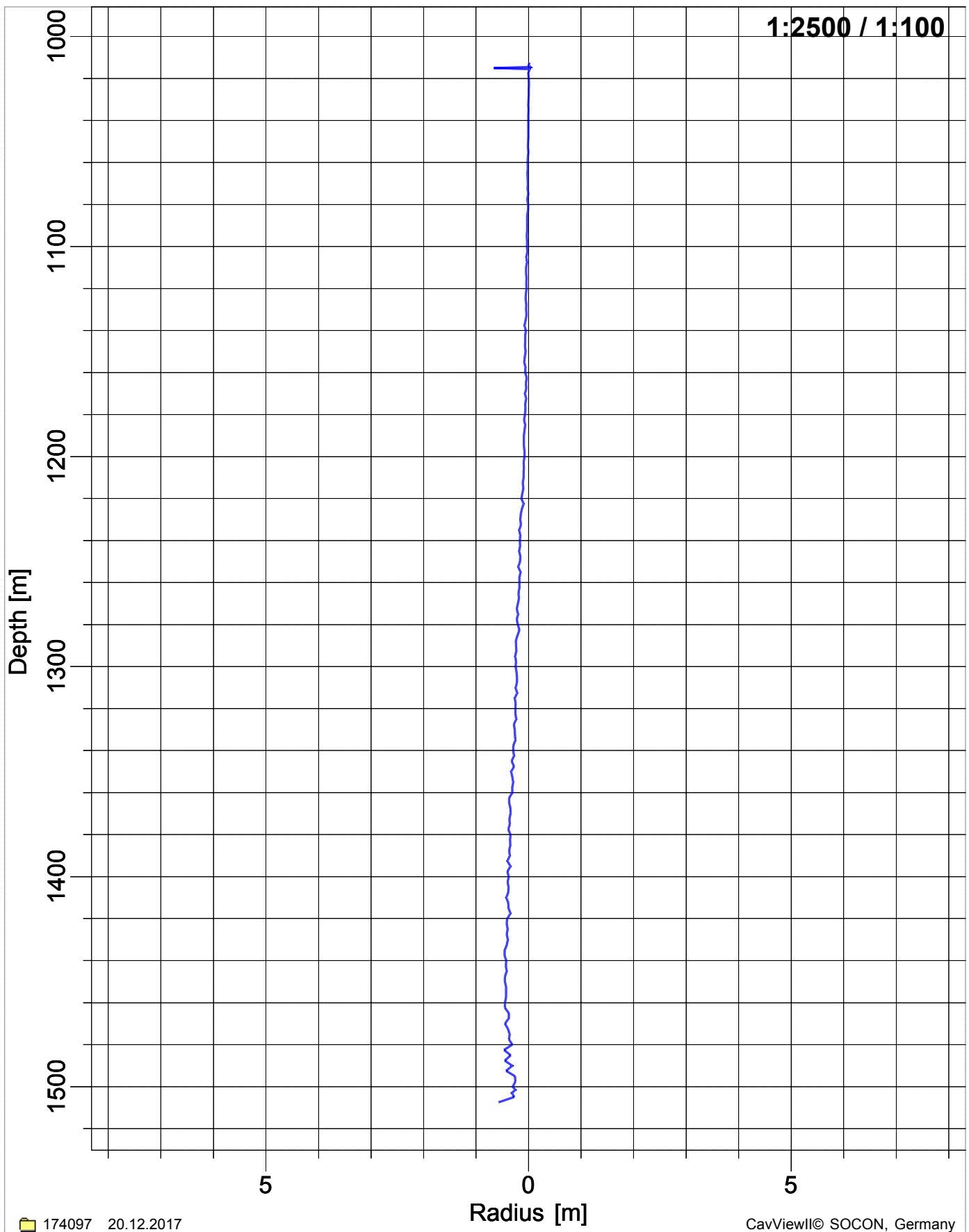
20.12.2017

Depth [m]	Radius [MIN]		Radius [MAX]		Diameter [MIN]		Diameter [MAX]	
	[m]	[°]	[m]	[°]	[m]	[°]	[m]	[°]
1400.0	26.0	62	33.8	315	54.1	32 <-> 212	64.6	135 <-> 315
1402.5	26.0	62	33.8	315	54.0	31 <-> 211	65.1	135 <-> 315
1405.0	26.0	67	33.6	315	54.0	32 <-> 212	64.9	135 <-> 315
1407.5	25.9	66	33.7	315	54.0	32 <-> 212	64.9	135 <-> 315
1410.0	25.8	61	33.6	315	54.1	36 <-> 216	65.1	135 <-> 315
1412.5	25.8	57	33.8	315	54.1	36 <-> 216	65.2	135 <-> 315
1415.0	25.7	56	33.6	315	54.0	38 <-> 218	64.9	135 <-> 315
1417.5	25.6	57	33.9	315	54.2	33 <-> 213	65.0	135 <-> 315
1420.0	25.6	61	33.8	315	54.1	36 <-> 216	64.9	135 <-> 315
1422.5	25.5	63	34.0	315	54.1	36 <-> 216	64.9	135 <-> 315
1425.0	25.5	61	34.0	315	54.3	37 <-> 217	65.0	135 <-> 315
1427.5	25.6	67	34.0	315	54.3	38 <-> 218	64.6	135 <-> 315
1430.0	25.6	67	34.2	315	54.6	44 <-> 224	64.6	135 <-> 315
1432.5	25.6	67	34.2	315	54.8	42 <-> 222	64.5	135 <-> 315
1435.0	25.7	66	34.2	315	54.9	40 <-> 220	64.6	140 <-> 320
1437.5	25.8	66	34.3	315	55.1	38 <-> 218	64.7	140 <-> 320
1440.0	25.8	66	34.4	315	55.2	30 <-> 210	64.6	140 <-> 320
1442.5	25.9	61	34.1	315	55.5	33 <-> 213	64.5	140 <-> 320
1445.0	25.9	62	34.4	315	55.8	47 <-> 227	64.4	140 <-> 320
1447.5	25.9	66	34.2	315	55.8	48 <-> 228	64.4	140 <-> 320
1450.0	25.9	67	34.2	315	55.9	48 <-> 228	64.1	140 <-> 320
1452.5	25.9	68	34.0	315	56.0	38 <-> 218	63.9	140 <-> 320
1455.0	25.8	69	34.0	315	56.0	41 <-> 221	63.7	140 <-> 320
1457.5	25.7	77	33.8	310	55.8	44 <-> 224	63.3	140 <-> 320
1460.0	25.6	73	33.6	320	55.6	36 <-> 216	63.0	140 <-> 320
1462.5	25.2	68	33.3	320	54.9	50 <-> 230	62.4	140 <-> 320
1465.0	24.8	72	33.2	315	54.1	54 <-> 234	61.6	145 <-> 325
1467.5	24.5	72	32.8	320	53.3	45 <-> 225	61.3	145 <-> 325
1470.0	24.1	70	32.6	320	52.0	51 <-> 231	60.5	150 <-> 330
1472.5	23.4	70	32.2	315	50.7	59 <-> 239	59.9	150 <-> 330
1475.0	22.8	55	31.5	330	48.8	55 <-> 235	58.8	150 <-> 330
1477.5	21.5	95	31.3	330	47.9	34 <-> 214	58.1	150 <-> 330
1480.0	20.8	100	30.8	330	46.2	30 <-> 210	56.8	150 <-> 330
1482.5	20.1	60	30.3	324	44.1	60 <-> 240	55.4	150 <-> 330
1485.0	19.4	85	30.1	330.0	43.1	40 <-> 220	54.3	150 <-> 330
1487.5	18.3	74	28.7	330.0	41.5	70 <-> 250	52.5	150 <-> 330
1490.0	18.1	83	27.9	310.0	40.9	60 <-> 240	49.4	150 <-> 330
1492.5	16.9	89	27.2	325.0	39.5	68 <-> 248	49.3	150 <-> 330
1495.0	16.5	83	25.8	305.0	38.1	60 <-> 240	45.7	125 <-> 305
1497.5	15.9	60	25.1	325.0	36.0	40 <-> 220	43.8	130 <-> 310
1500.0	14.0	69	24.1	320.0	30.5	49 <-> 229	38.8	135 <-> 315
1501.5	11.8	60	22.4	315.0	26.1	60 <-> 240	35.1	135 <-> 315
1503.0	10.5	65	20.3	325.0	23.2	50 <-> 230	31.9	145 <-> 325
1505.0	7.4	77	17.8	320.0	18.1	59 <-> 239	25.9	140 <-> 320
1507.5	0.6	94	12.7	335.0	3.3	49 <-> 229	14.0	155 <-> 335

Heiligerlee K

Radii differences

20.12.2017

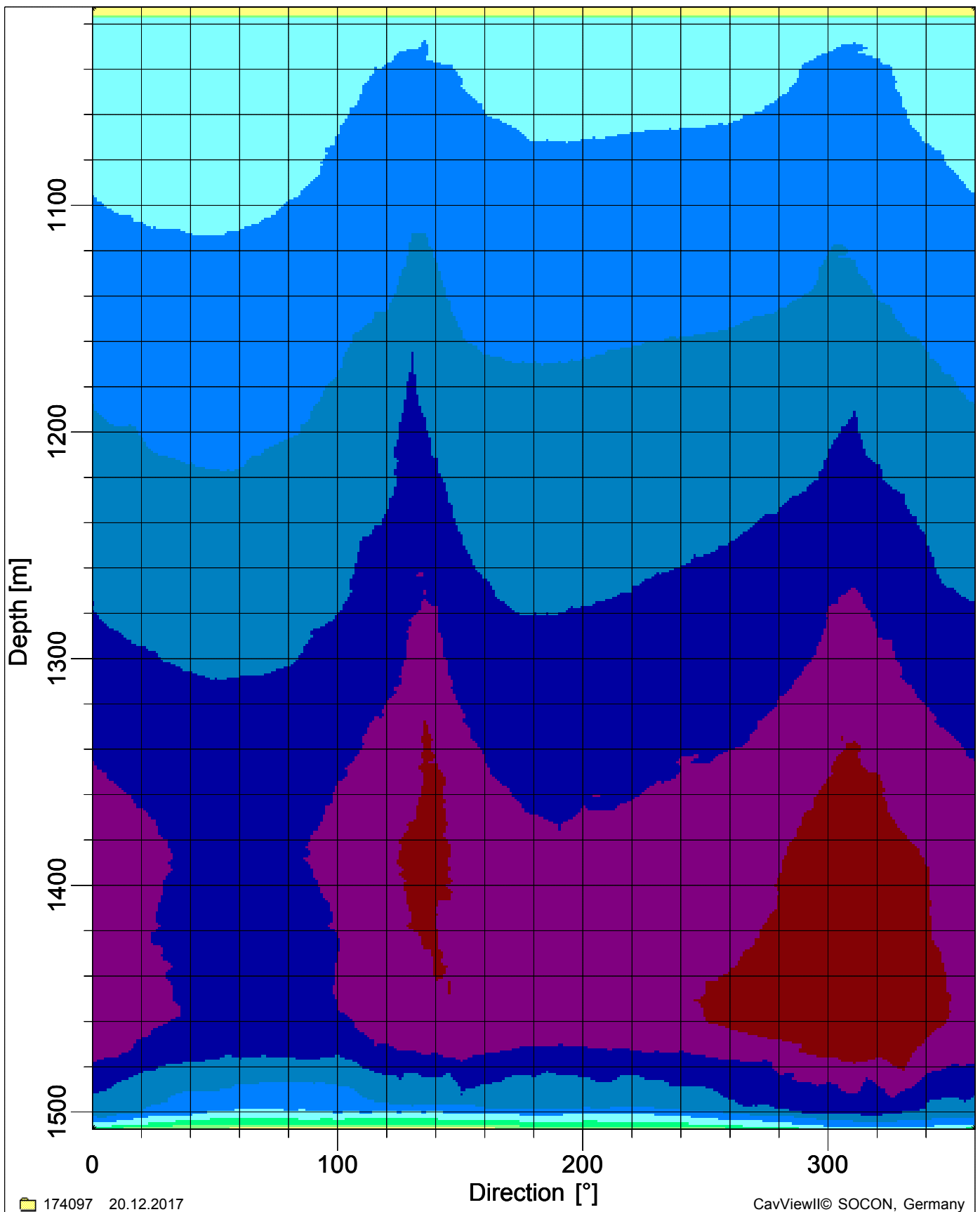


— Difference - Average radius (20.12.2017/19.05.2014)

Heiligerlee K

RADII MAP

20.12.2017



0.10 - 3.91 m	3.91 - 7.72 m	7.72 - 11.53 m	11.53 - 15.34 m	15.34 - 19.15 m
19.15 - 22.95 m	22.95 - 26.76 m	26.76 - 30.57 m	30.57 - 34.38 m	





Heiligerlee K --> 60° <--



Heiligerlee K --> 120° <--

Heiligerlee K

174097

20.12.2017



Heiligerlee K --> 180° <--



Heiligerlee K --> 240° <--



Heiligerlee K --> 300° <--

HORIZONTAL SECTIONS

Cavity: Heiligerlee K

Report No.: 174 097

Utilized speed of sound.: 404.3 m/s to 409.2 m/s in nitrogen, 1830.0 m/s in brine

Measuring date: 20.12.2017

Scale: 1 : 50
1 : 500

Horizontal sections measured at following depths:

1012.5 m	1014.0 m	1014.5 m	1015.0 m	1015.5 m	1016.0 m	1017.5 m
1020.0 m	1022.5 m	1025.0 m	1027.5 m	1030.0 m	1032.5 m	1035.0 m
1037.5 m	1040.0 m	1042.5 m	1045.0 m	1047.5 m	1050.0 m	1052.5 m
1055.0 m	1057.5 m	1060.0 m	1062.5 m	1065.0 m	1067.5 m	1070.0 m
1072.5 m	1075.0 m	1077.5 m	1080.0 m	1082.5 m	1085.0 m	1087.5 m
1090.0 m	1092.5 m	1095.0 m	1097.5 m	1100.0 m	1102.5 m	1105.0 m
1107.5 m	1110.0 m	1112.5 m	1115.0 m	1117.5 m	1120.0 m	1122.5 m
1125.0 m	1127.5 m	1130.0 m	1132.5 m	1135.0 m	1137.5 m	1140.0 m
1142.5 m	1145.0 m	1147.5 m	1150.0 m	1152.5 m	1155.0 m	1157.5 m
1160.0 m	1162.5 m	1165.0 m	1167.5 m	1170.0 m	1172.5 m	1175.0 m
1177.5 m	1180.0 m	1182.5 m	1185.0 m	1187.5 m	1190.0 m	1192.5 m
1195.0 m	1197.5 m	1200.0 m	1202.5 m	1205.0 m	1207.5 m	1210.0 m
1212.5 m	1215.0 m	1217.5 m	1220.0 m	1222.5 m	1225.0 m	1227.5 m
1230.0 m	1232.5 m	1235.0 m	1237.5 m	1240.0 m	1242.5 m	1245.0 m
1247.5 m	1250.0 m	1252.5 m	1255.0 m	1257.5 m	1260.0 m	1262.5 m
1265.0 m	1267.5 m	1270.0 m	1272.5 m	1275.0 m	1277.5 m	1280.0 m
1282.5 m	1285.0 m	1287.5 m	1290.0 m	1292.5 m	1295.0 m	1297.5 m
1300.0 m	1302.5 m	1305.0 m	1307.5 m	1310.0 m	1312.5 m	1315.0 m
1317.5 m	1320.0 m	1322.5 m	1325.0 m	1327.5 m	1330.0 m	1332.5 m
1335.0 m	1337.5 m	1340.0 m	1342.5 m	1345.0 m	1347.5 m	1350.0 m
1352.5 m	1355.0 m	1357.5 m	1360.0 m	1362.5 m	1365.0 m	1367.5 m
1370.0 m	1372.5 m	1375.0 m	1377.5 m	1380.0 m	1382.5 m	1385.0 m
1387.5 m	1390.0 m	1392.5 m	1395.0 m	1397.5 m	1400.0 m	1402.5 m
1405.0 m	1407.5 m	1410.0 m	1412.5 m	1415.0 m	1417.5 m	1420.0 m
1422.5 m	1425.0 m	1427.5 m	1430.0 m	1432.5 m	1435.0 m	1437.5 m
1440.0 m	1442.5 m	1445.0 m	1447.5 m	1450.0 m	1452.5 m	1455.0 m
1457.5 m	1460.0 m	1462.5 m	1465.0 m	1467.5 m	1470.0 m	1472.5 m
1475.0 m	1477.5 m	1480.0 m	1482.5 m	1485.0 m	1487.5 m	1490.0 m
1492.5 m	1495.0 m	1497.5 m	1500.0 m	1501.5 m	1503.0 m	1505.0 m

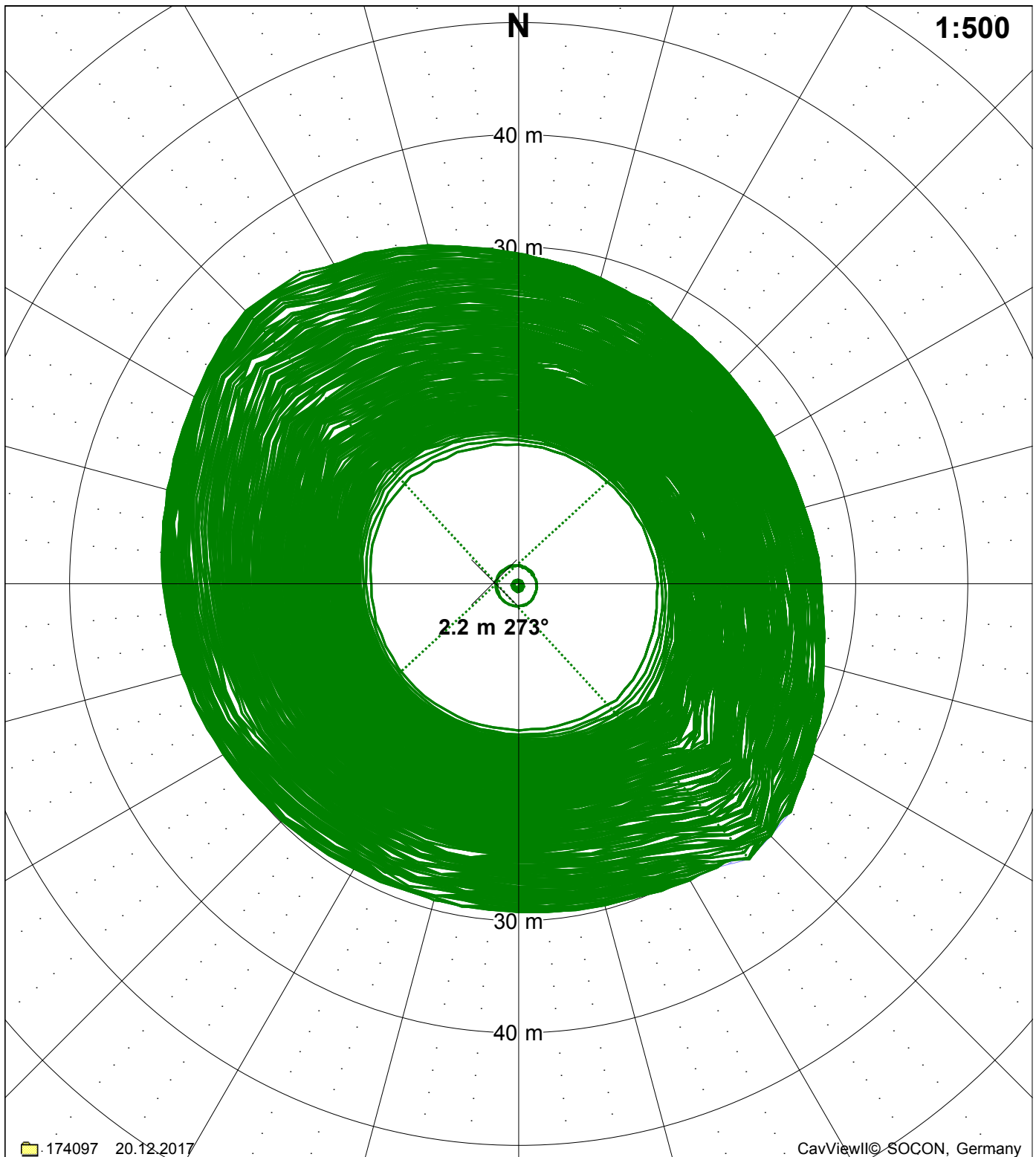
The following 1 section is constructed:

1507.5 m

Heiligerlee K

MAXPLOT

20.12.2017



174097 20.12.2017

CavViewII© SOCON, Germany

V-Maxplot (20.12.2017) (2802.9 m²) Horizontal sections

a/b

Center of gravity

H/V-Maxplot: $d_{\max}$: 66.1 m 135° <--> 315° $r_{\min}$: 26.1 m -> 63° $r_{\sim}$: 29.9 m $r_{\max}$: 34.4 m -> 315°

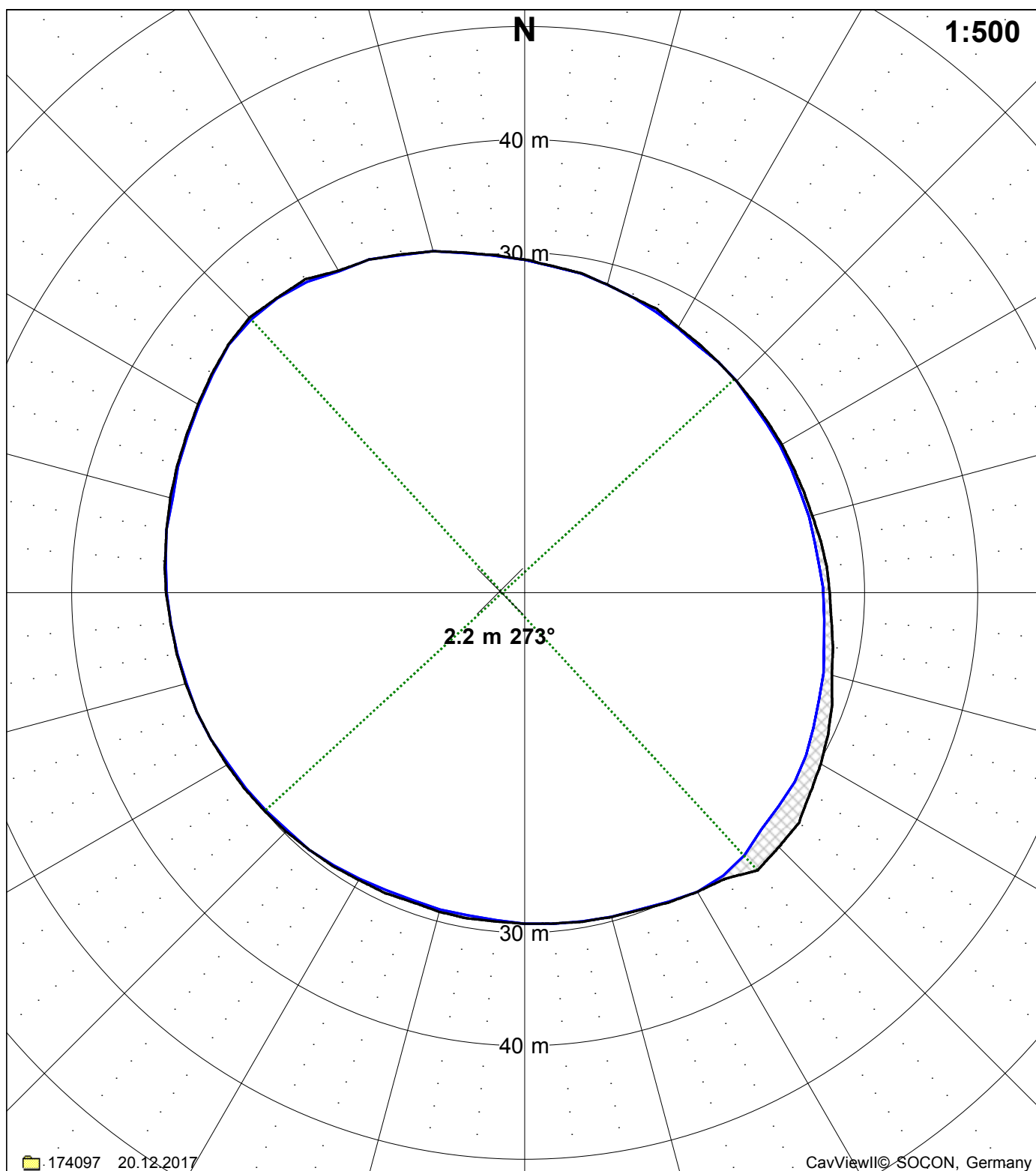
H/V-Maxplot: a/b = 1.177 a = 66.3 m (139°-314°) b = 56.3 m (44°-230°)

Area from vertical sections: 2802.9 m², Area from horizontal and vertical sections: 2803.0 m²

Heiligerlee K

MAXPLOT

20.12.2017



..... a/b	✕ Center of gravity	▨ H/V-Maxplot (20.12.2017) (2803.0 m²)
□ Largest single area		

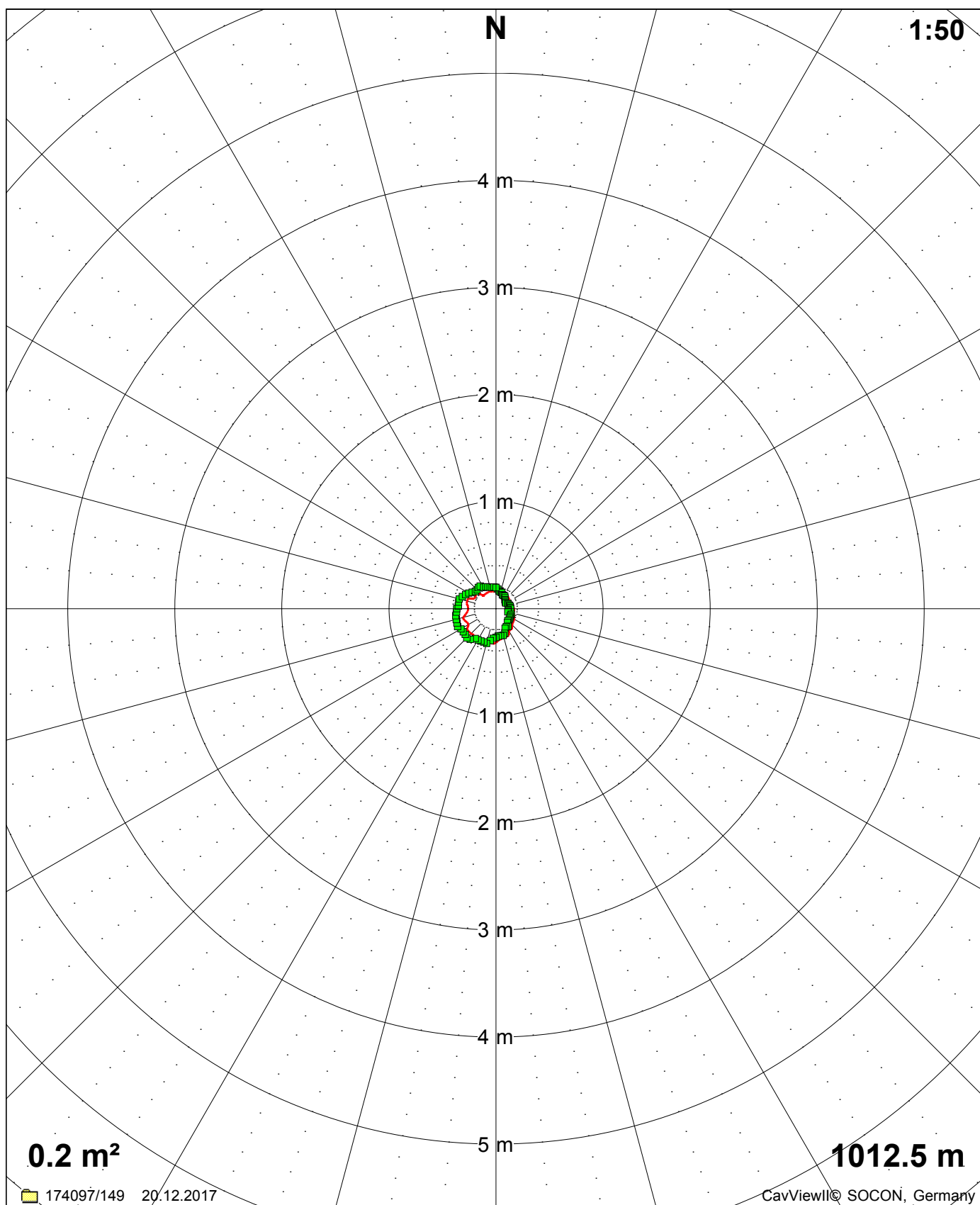
H/V-Maxplot: $d_{\max}$: 66.1 m 135° <--> 315° $r_{\min}$: 26.1 m -> 63° $r_{\sim}$: 29.9 m $r_{\max}$: 34.4 m -> 315°

H/V-Maxplot: a/b = 1.177 a = 66.3 m (139°-314°) b = 56.3 m (44°-230°)

Largest single area: 2750.6 m² in depth: 1450.0 m

Heiligerlee K

20.12.2017



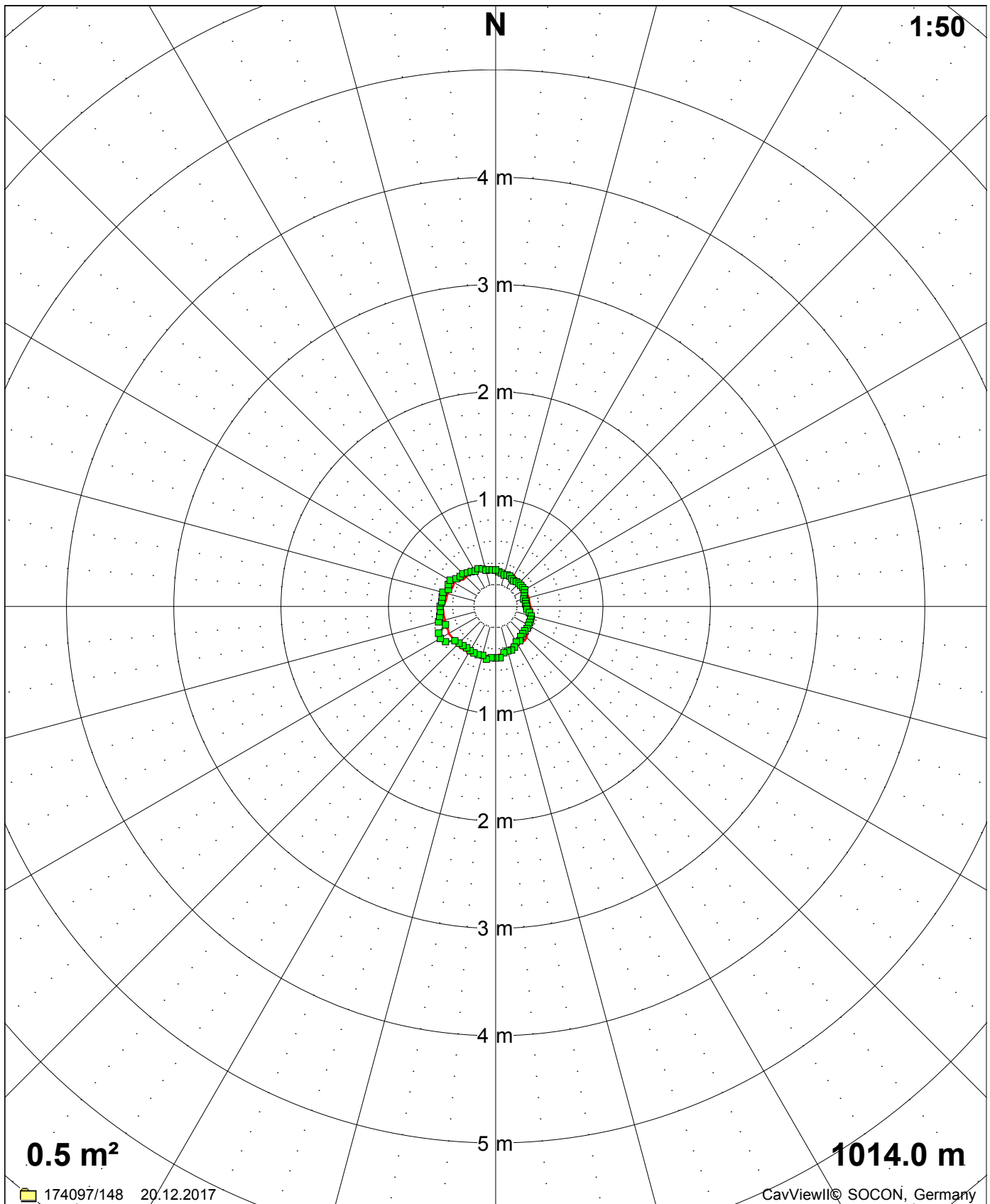
--- (19.05.2014) (0.2 m²)

--- (20.12.2017) (0.2 m²)

d_{max}: 0.5 m 80° <--> 260° r_{min}: 0.1 m -> 50° r~: 0.3 m r_{max}: 0.4 m -> 245°

Heiligerlee K

20.12.2017



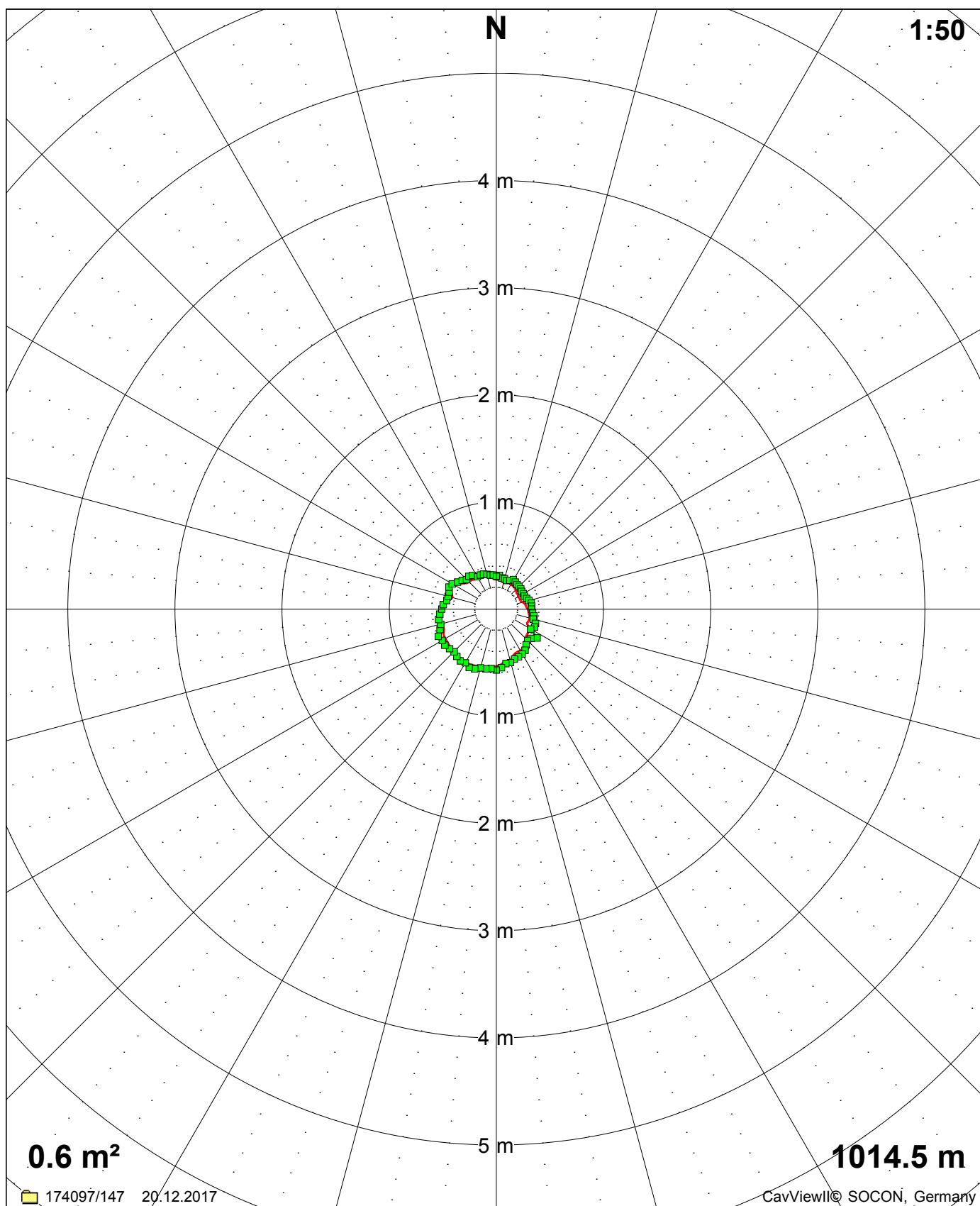
----- (19.05.2014) (0.5 m²)

----- (20.12.2017) (0.5 m²)

$d_{\max}$: 0.9 m 60° <--> 240° $r_{\min}$: 0.3 m -> 71° $r_{\sim}$: 0.4 m $r_{\max}$: 0.6 m -> 240°

Heiligerlee K

20.12.2017



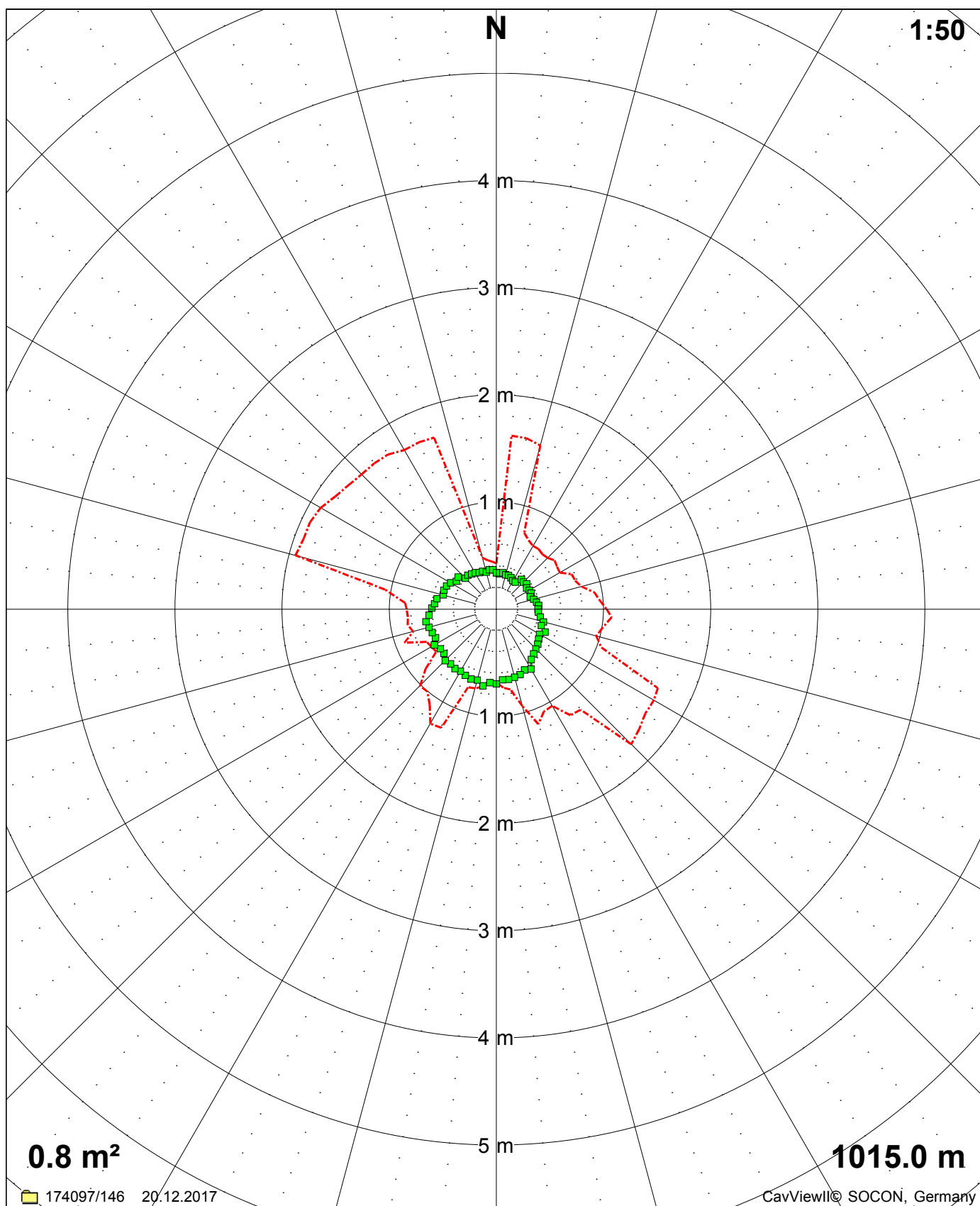
----- (19.05.2014) (0.5 m²)

----- (20.12.2017) (0.6 m²)

d_{max}: 0.9 m 125° <--> 305° r_{min}: 0.3 m -> 16° r~: 0.4 m r_{max}: 0.6 m -> 205°

Heiligerlee K

20.12.2017



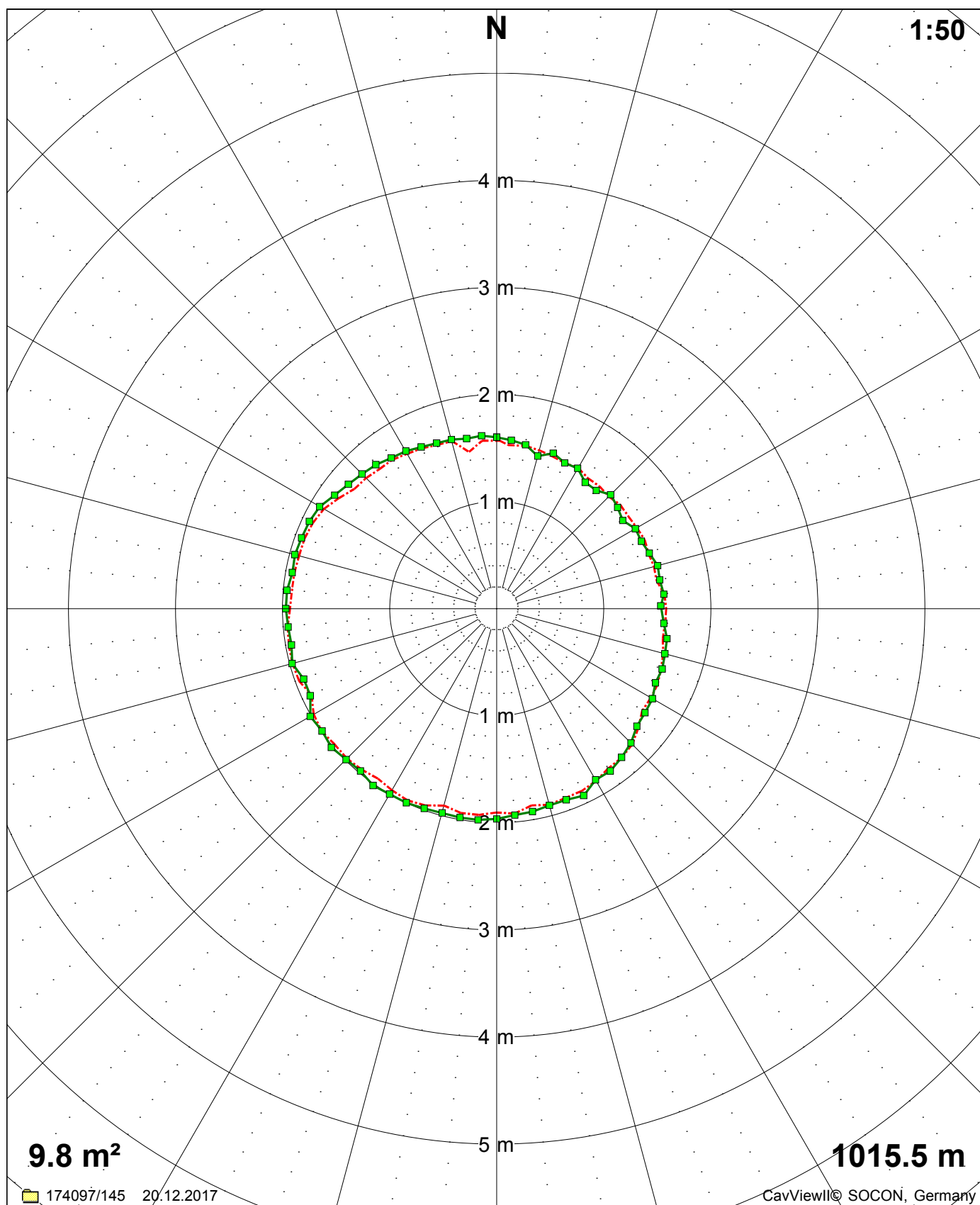
--- (19.05.2014) (4.4 m²)

--- (20.12.2017) (0.8 m²)

d_{max}: 1.1 m 10° <--> 190° r_{min}: 0.3 m -> 30° r~: 0.5 m r_{max}: 0.7 m -> 190°

Heiligerlee K

20.12.2017



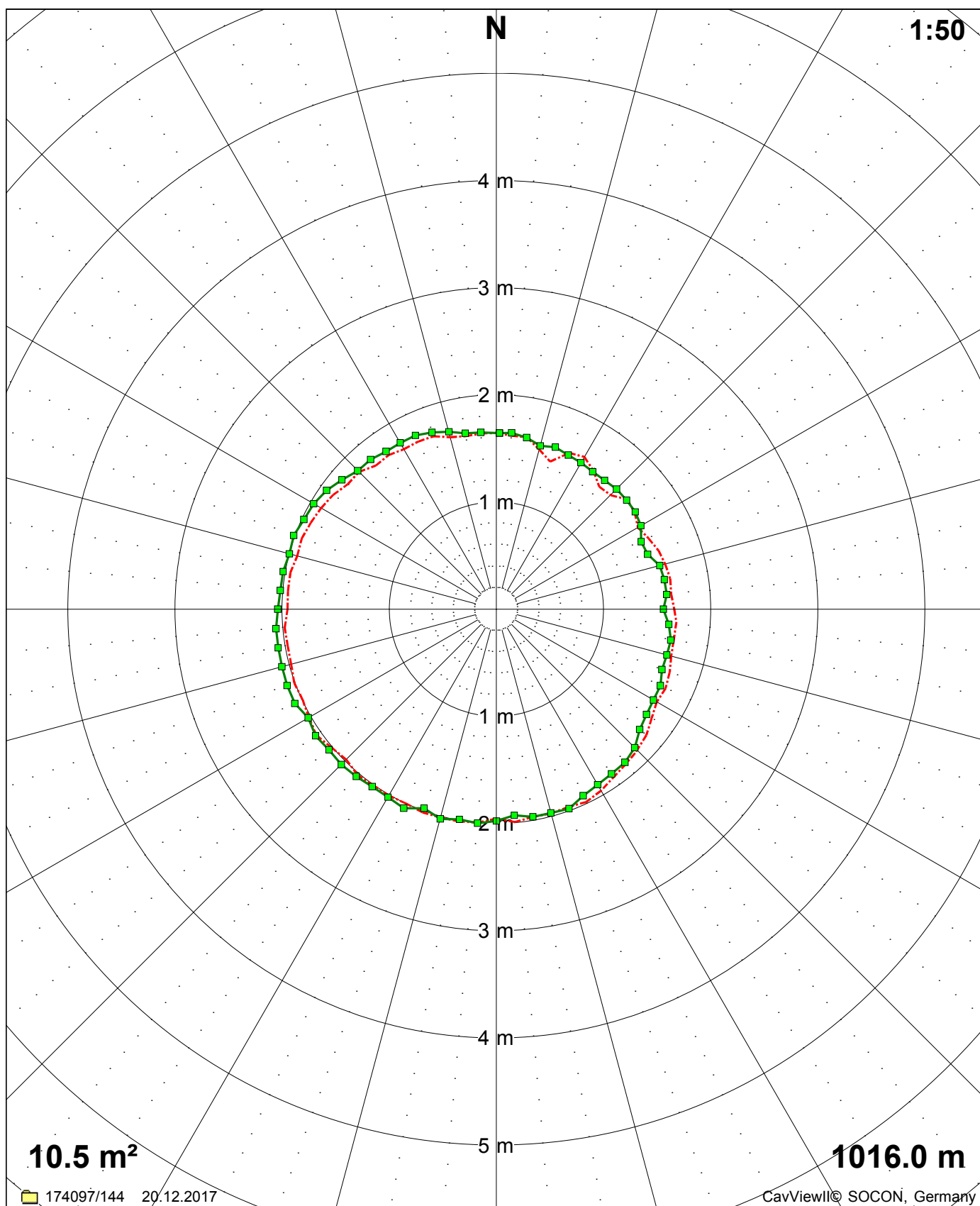
----- (19.05.2014) (9.6 m²)

—■— (20.12.2017) (9.8 m²)

d_{max}: 3.6 m 155° <--> 335° r_{min}: 1.4 m -> 53° r~: 1.8 m r_{max}: 2.0 m -> 215°

Heiligerlee K

20.12.2017



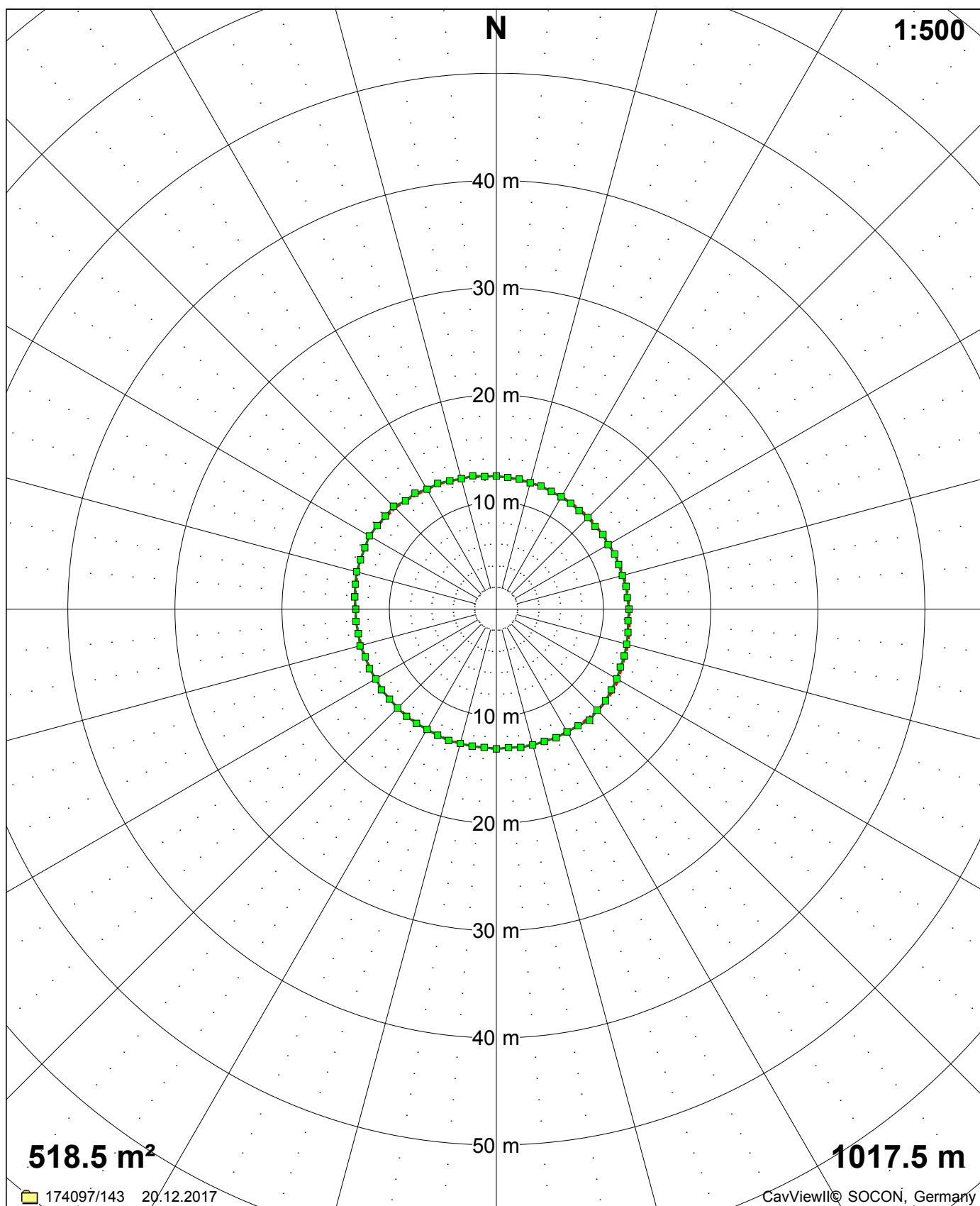
----- (19.05.2014) (10.3 m²)

—■— (20.12.2017) (10.5 m²)

d_{max}: 3.7 m 160° <--> 340° r_{min}: 1.5 m -> 64° r~: 1.8 m r_{max}: 2.1 m -> 250°

Heiligerlee K

20.12.2017



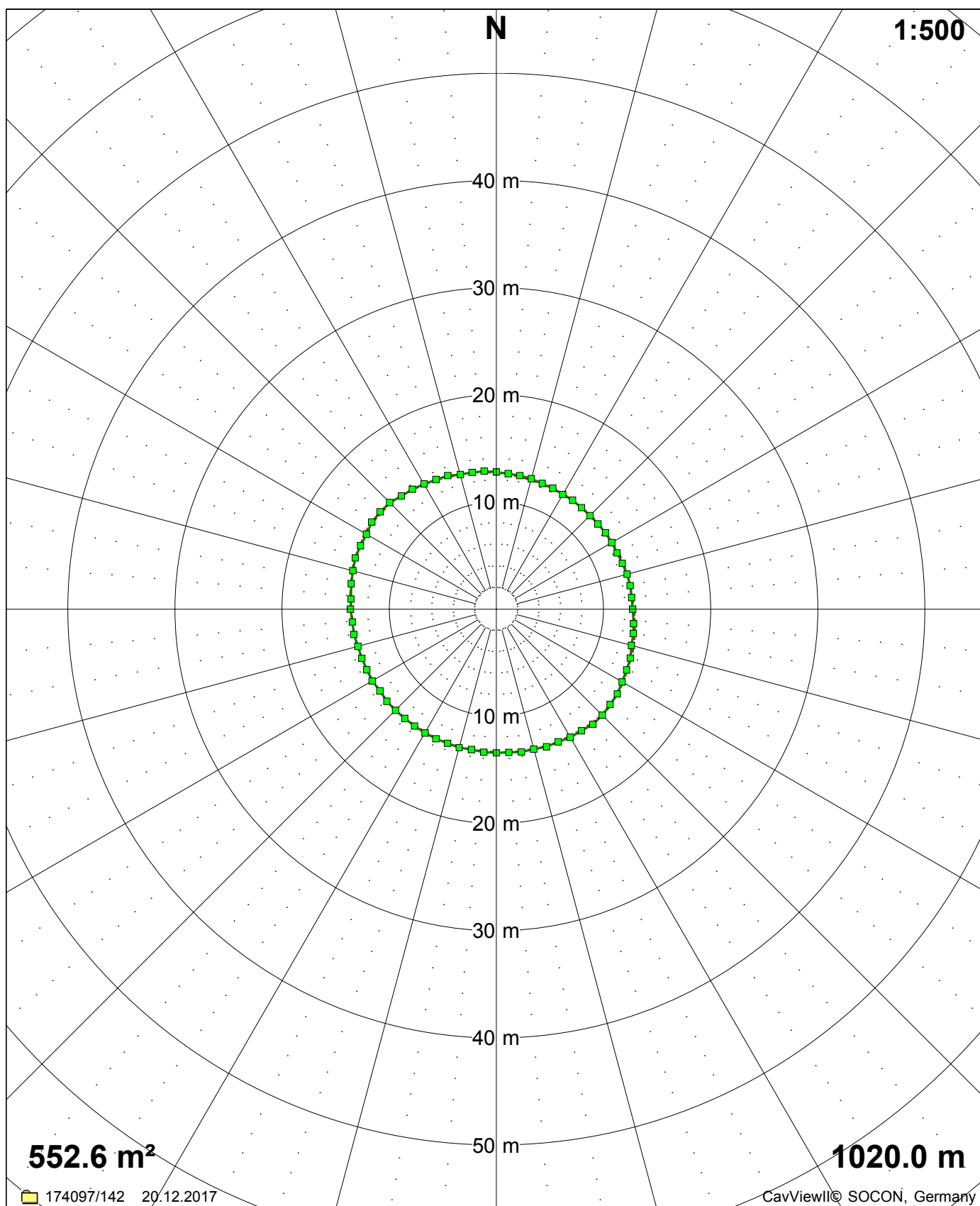
----- (19.05.2014) (518.7 m²)

----- (20.12.2017) (518.5 m²)

$d_{\max}$: 26.9 m 135° <--> 315° $r_{\min}$: 12.0 m -> 39° $r_{\sim}$: 12.8 m $r_{\max}$: 13.7 m -> 300°

Heiligerlee K

20.12.2017



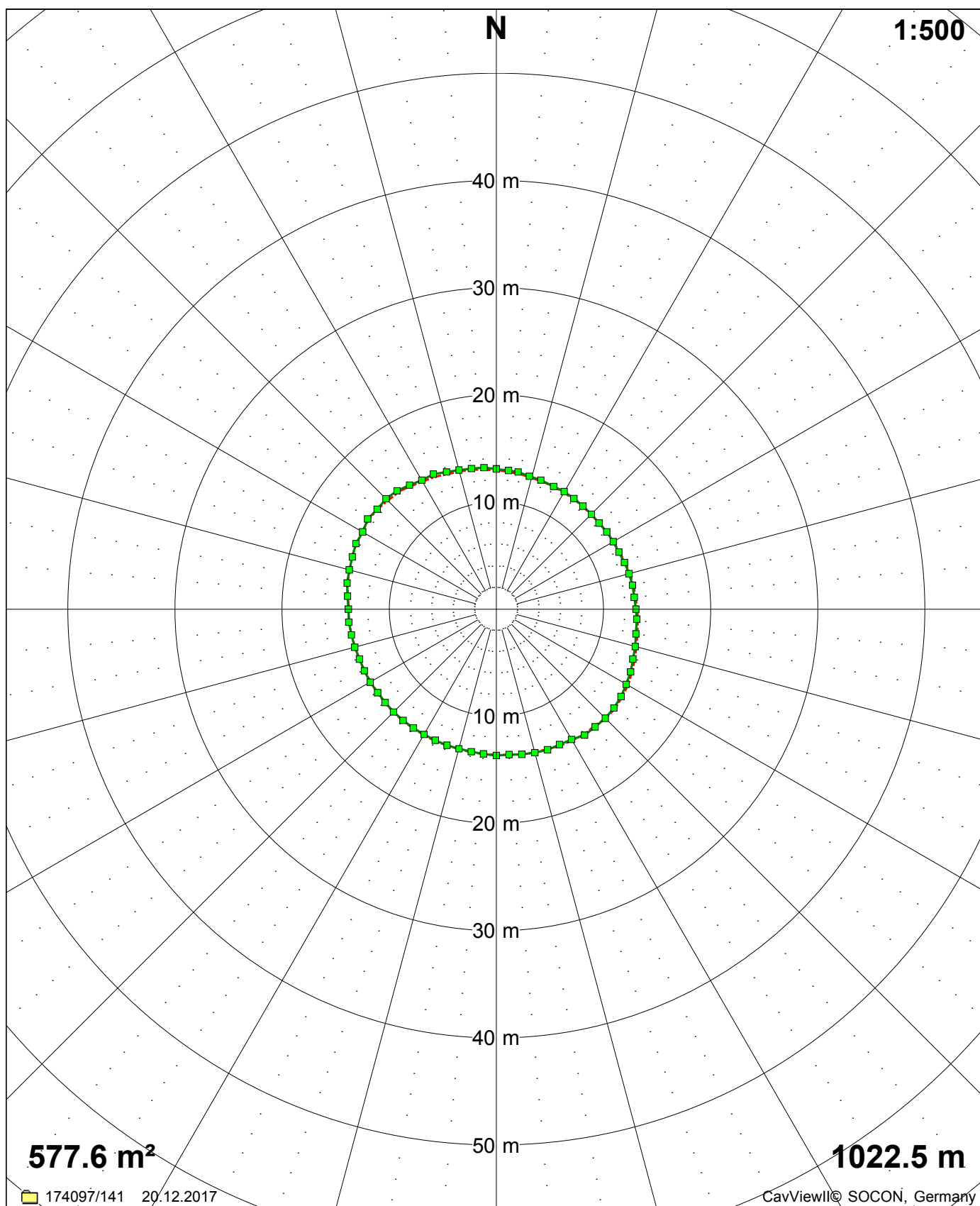
----- (19.05.2014) (552.3 m²)

----- (20.12.2017) (552.6 m²)

$d_{\max}$: 28.1 m 135° <--> 315° $r_{\min}$: 12.3 m -> 47° $r_{\sim}$: 13.3 m $r_{\max}$: 14.2 m -> 305°

Heiligerlee K

20.12.2017



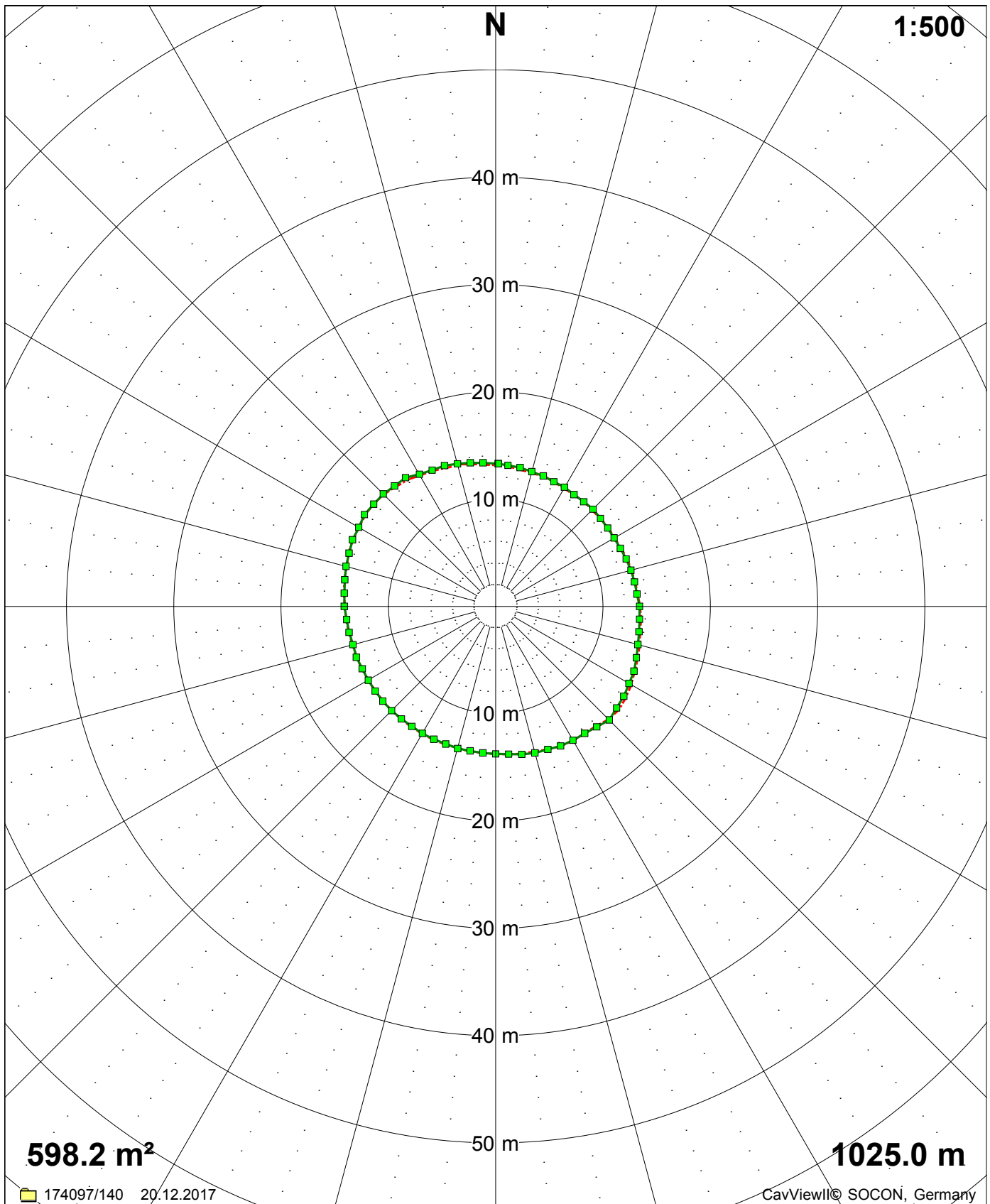
----- (19.05.2014) (576.8 m²)

----- (20.12.2017) (577.6 m²)

d_{max}: 29.0 m 135° <--> 315° r_{min}: 12.5 m -> 48° r~: 13.6 m r_{max}: 14.7 m -> 305°

Heiligerlee K

20.12.2017



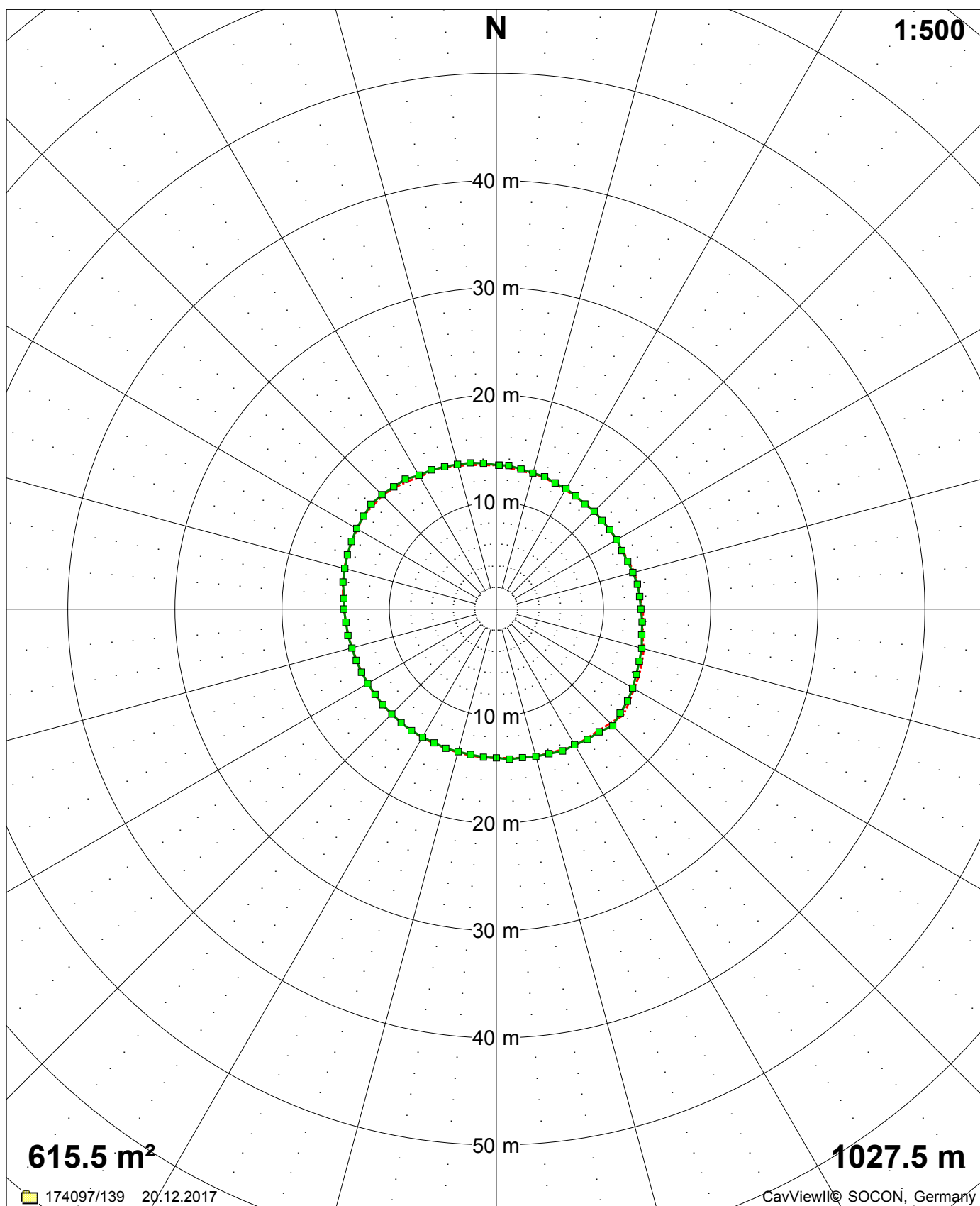
----- (19.05.2014) (597.9 m²)

----- (20.12.2017) (598.2 m²)

d_{max}: 29.8 m 135° <--> 315° r_{min}: 12.7 m -> 56° r~: 13.8 m r_{max}: 15.0 m -> 135°

Heiligerlee K

20.12.2017



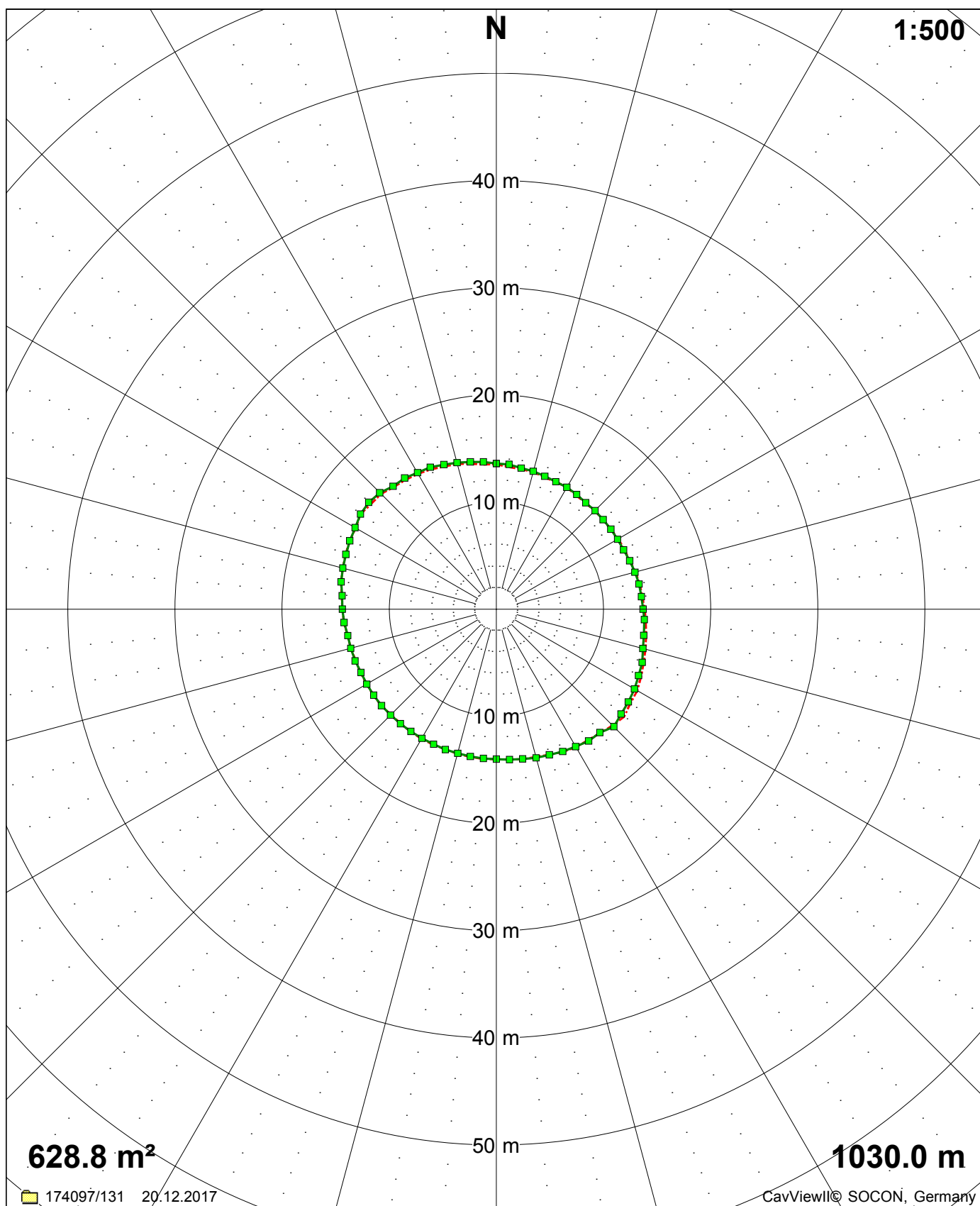
----- (19.05.2014) (614.9 m²)

----- (20.12.2017) (615.5 m²)

d_{max} : 30.5 m 135° <--> 315° r_{min} : 12.8 m -> 39° $r_{\sim}$: 14.0 m r_{max} : 15.4 m -> 135°

Heiligerlee K

20.12.2017



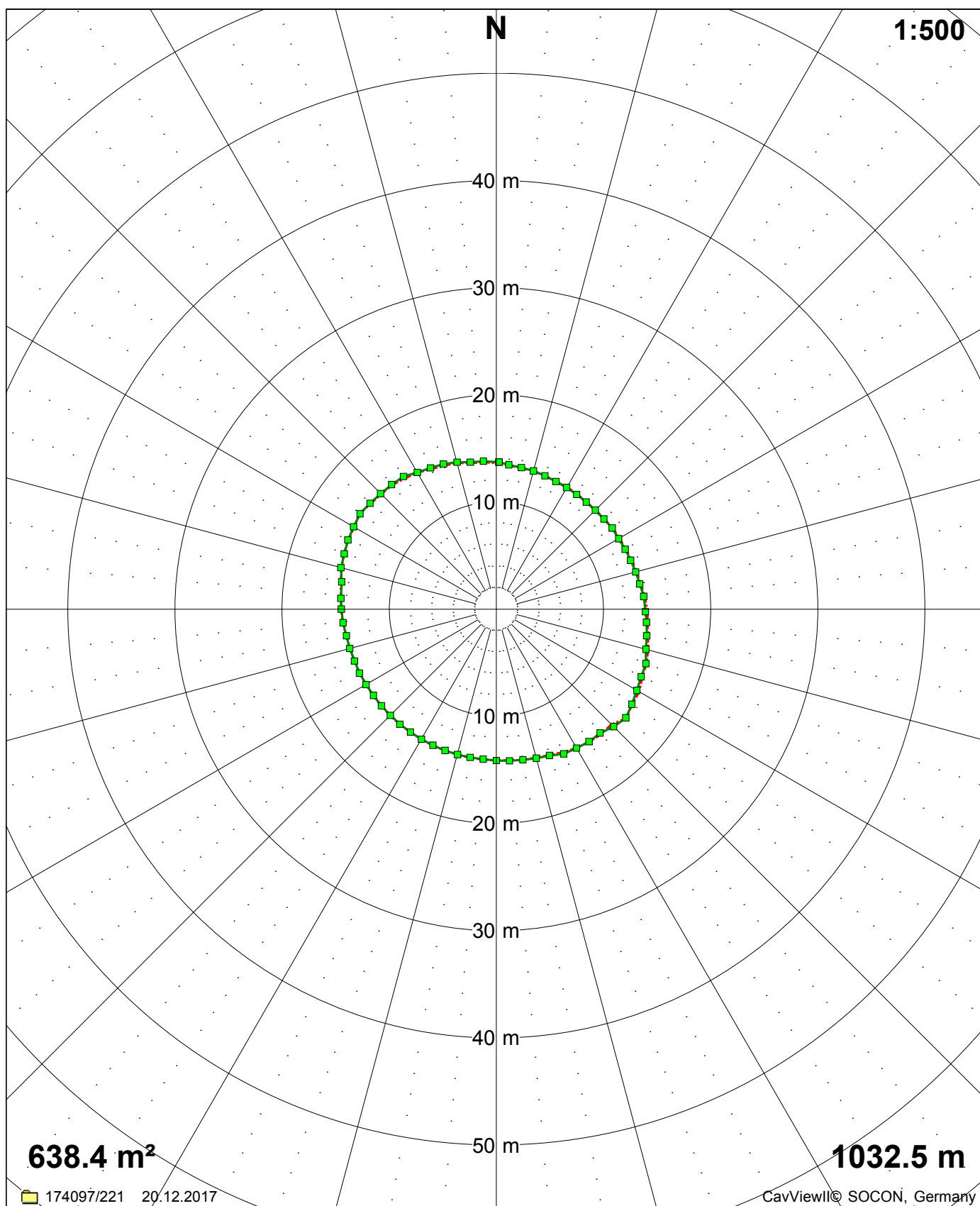
----- (19.05.2014) (628.8 m²)

----- (20.12.2017) (628.8 m²)

$d_{\max}$: 30.9 m 135° <--> 315° $r_{\min}$: 13.0 m -> 40° $r_{\sim}$: 14.1 m $r_{\max}$: 15.5 m -> 310°

Heiligerlee K

20.12.2017



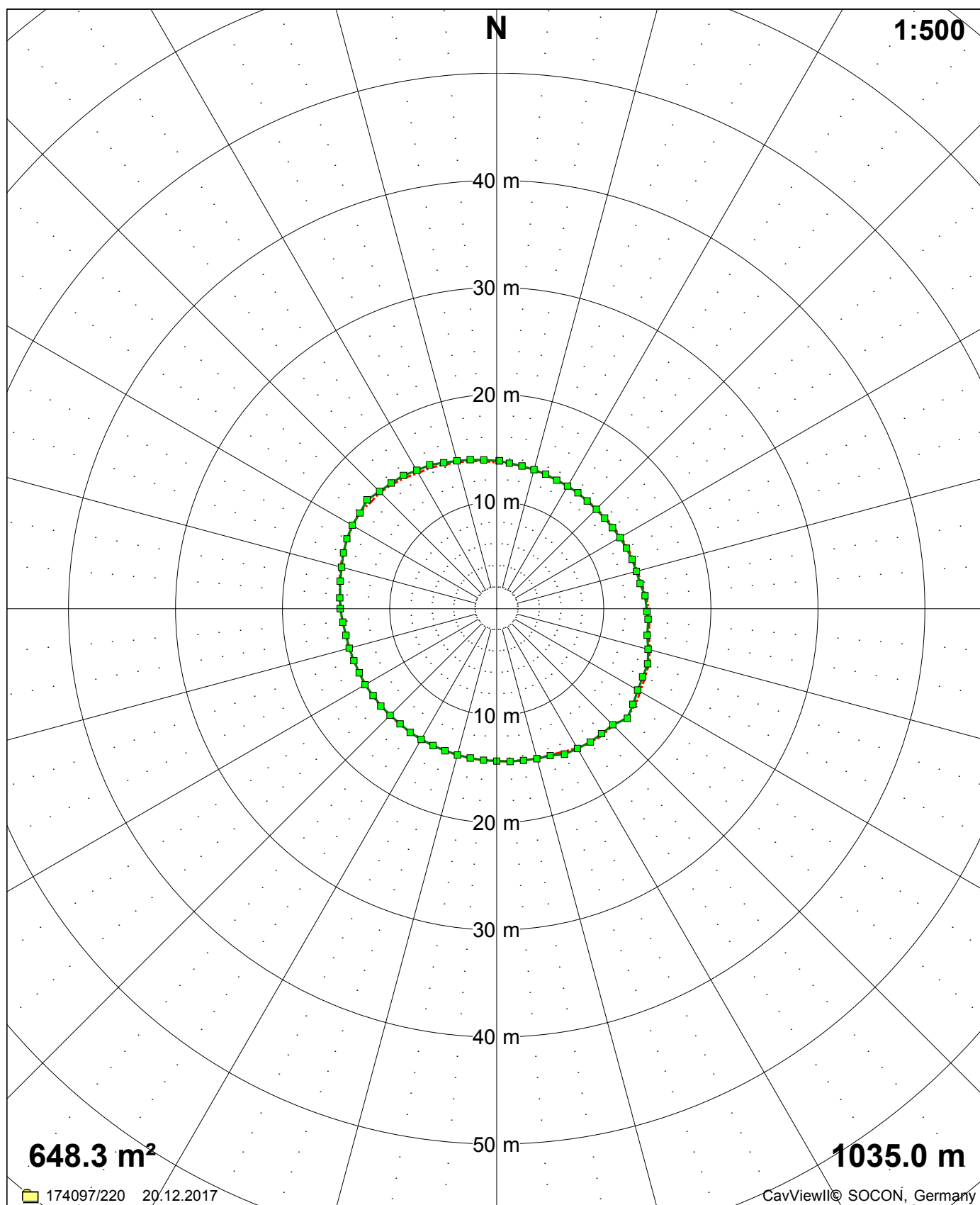
----- (19.05.2014) (638.8 m²)

----- (20.12.2017) (638.4 m²)

d_{max}: 31.1 m 130° <--> 310° r_{min}: 13.0 m -> 41° r~: 14.3 m r_{max}: 15.8 m -> 130°

Heiligerlee K

20.12.2017



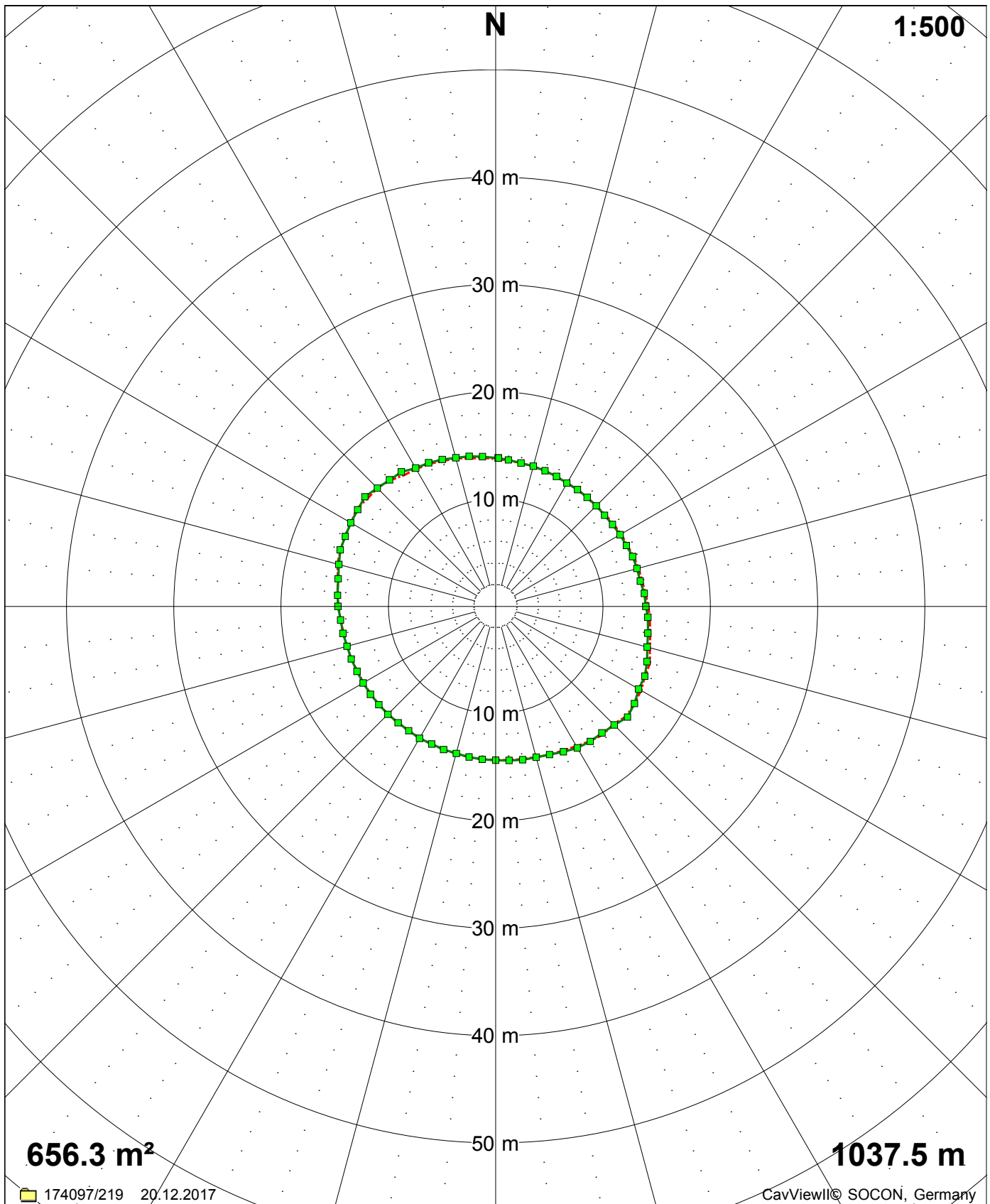
----- (19.05.2014) (648.1 m²)

----- (20.12.2017) (648.3 m²)

d_{max}: 31.7 m 130° <--> 310° r_{min}: 13.1 m -> 41° r~: 14.4 m r_{max}: 15.9 m -> 130°

Heiligerlee K

20.12.2017



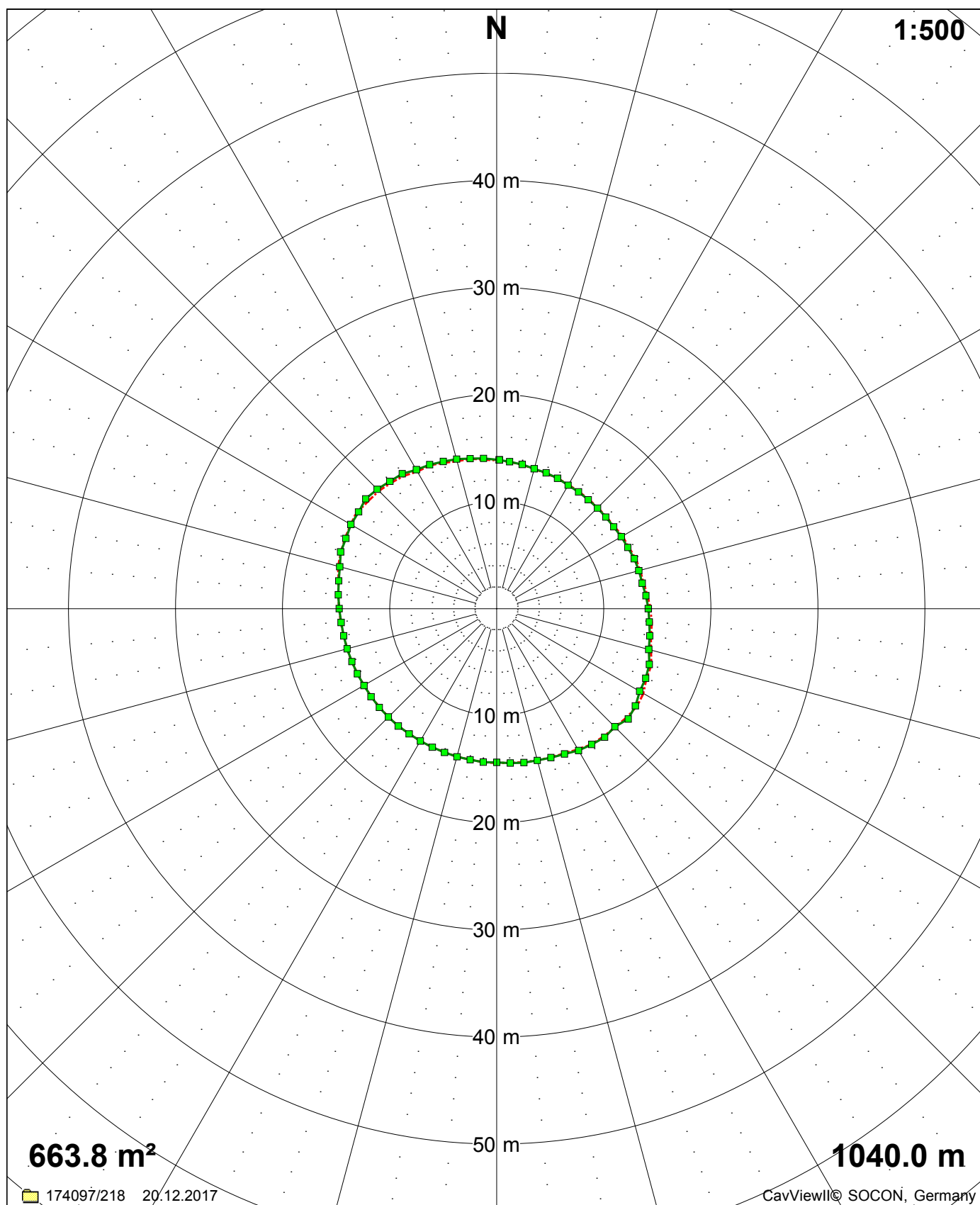
----- (19.05.2014) (656.8 m²)

----- (20.12.2017) (656.3 m²)

d_{max}: 31.9 m 130° <--> 310° r_{min}: 13.2 m -> 47° r~: 14.5 m r_{max}: 16.0 m -> 130°

Heiligerlee K

20.12.2017



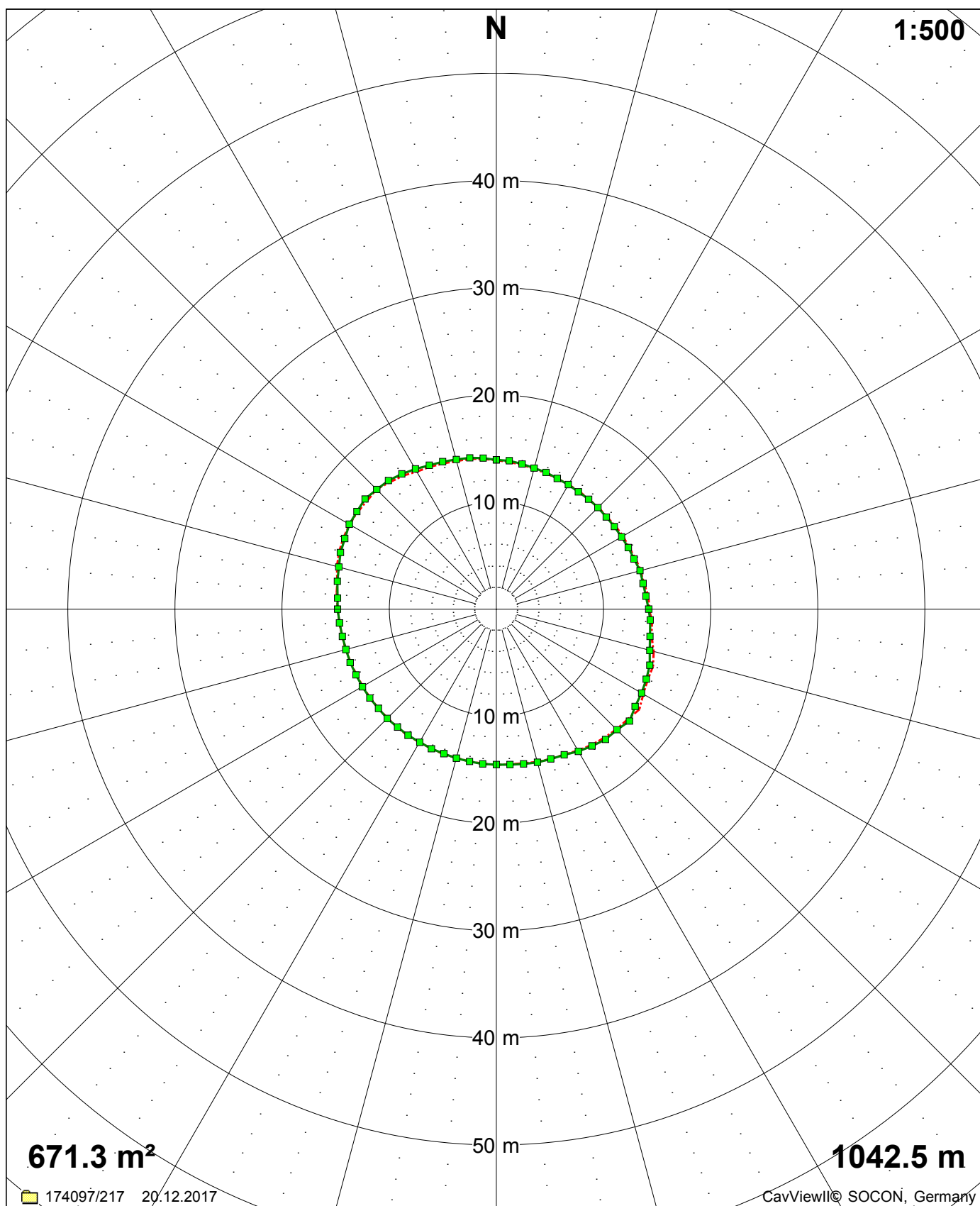
----- (19.05.2014) (664.3 m²)

----- (20.12.2017) (663.8 m²)

d_{max}: 32.0 m 130° <--> 310° r_{min}: 13.3 m -> 47° r~: 14.5 m r_{max}: 16.0 m -> 130°

Heiligerlee K

20.12.2017



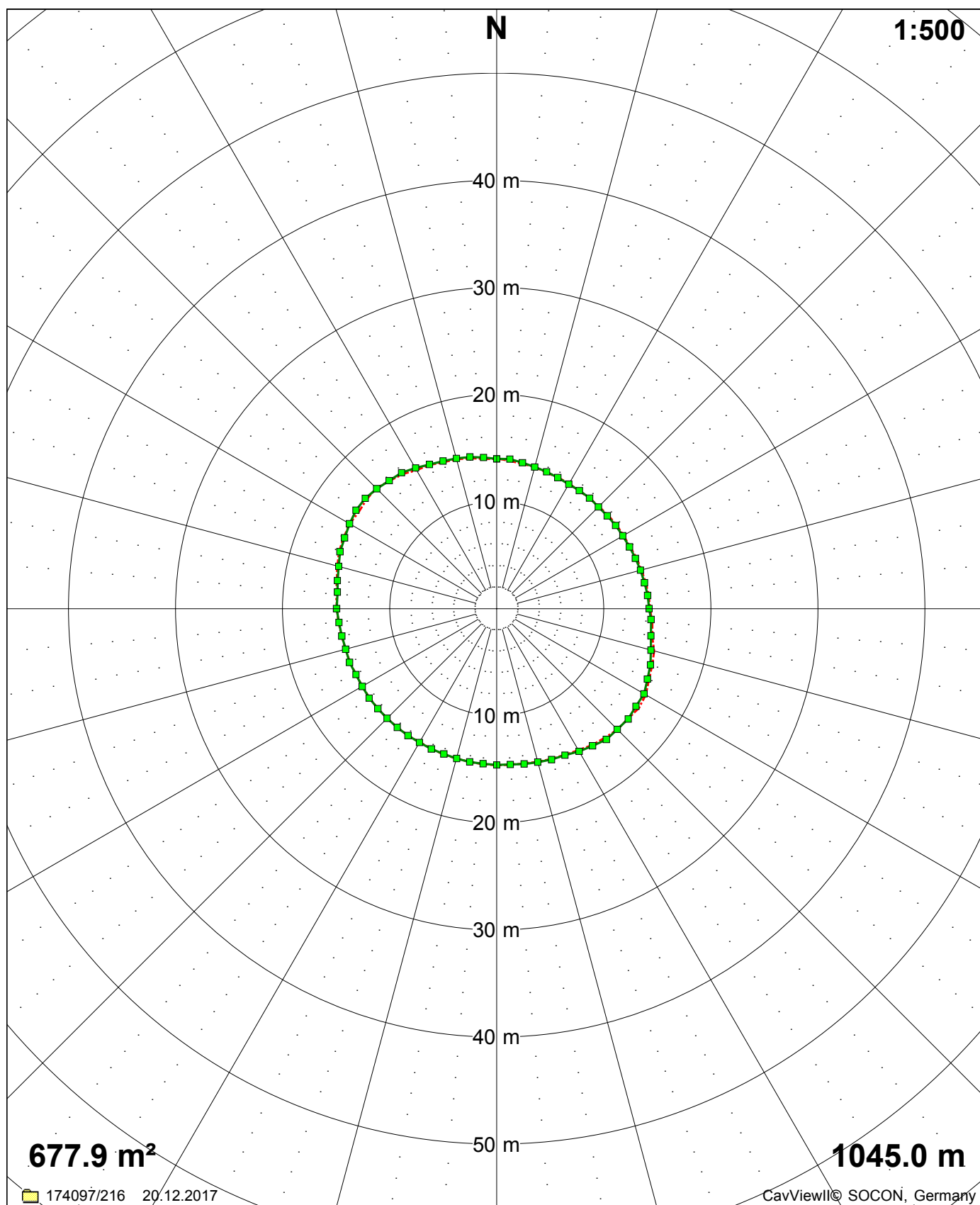
----- (19.05.2014) (672.1 m²)

----- (20.12.2017) (671.3 m²)

d_{max}: 32.2 m 130° <--> 310° r_{min}: 13.4 m -> 35° r~: 14.6 m r_{max}: 16.2 m -> 130°

Heiligerlee K

20.12.2017



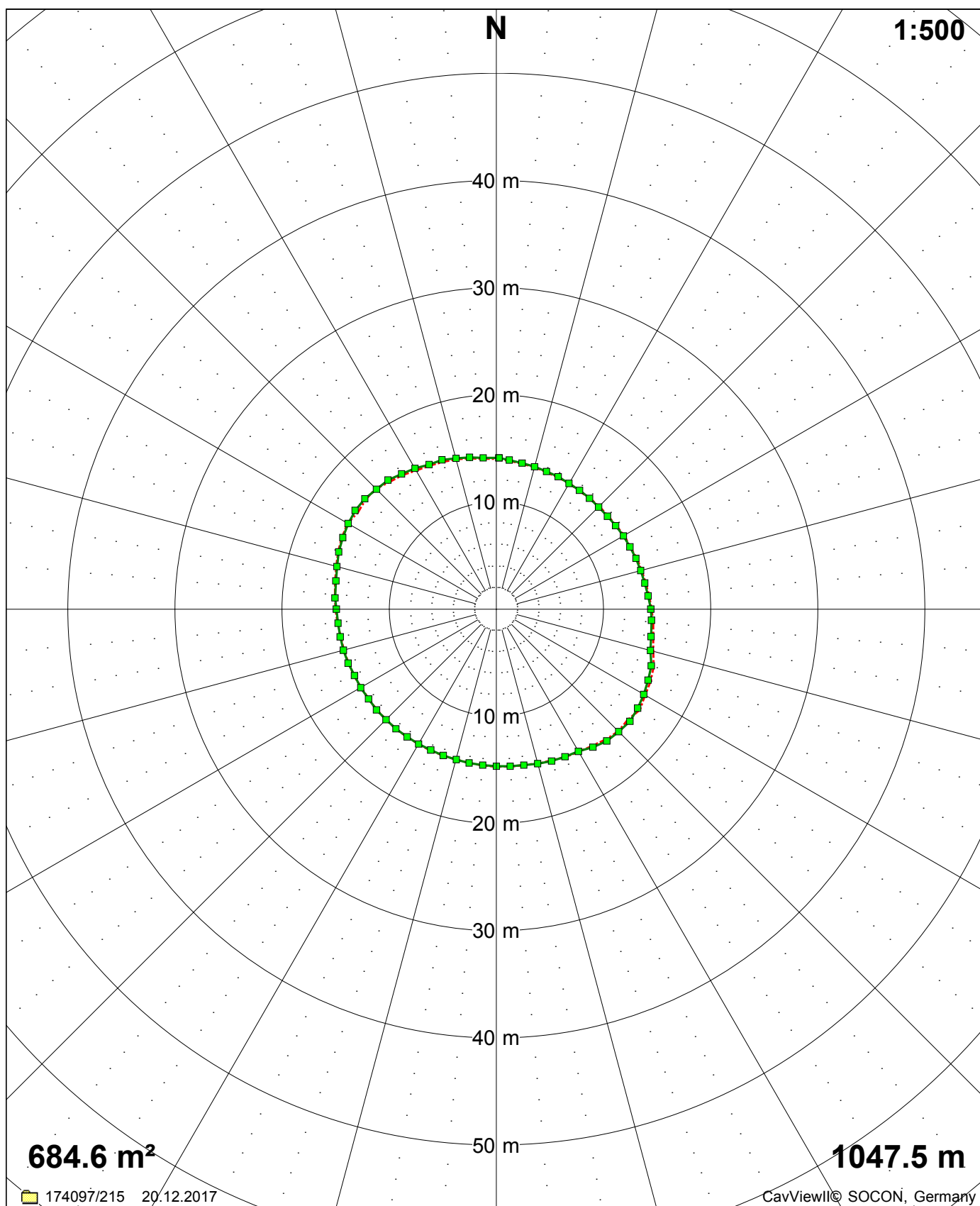
----- (19.05.2014) (678.6 m²)

----- (20.12.2017) (677.9 m²)

$d_{\max}$: 32.0 m 130° <--> 310° $r_{\min}$: 13.4 m -> 43° $r_{\sim}$: 14.7 m $r_{\max}$: 16.0 m -> 305°

Heiligerlee K

20.12.2017



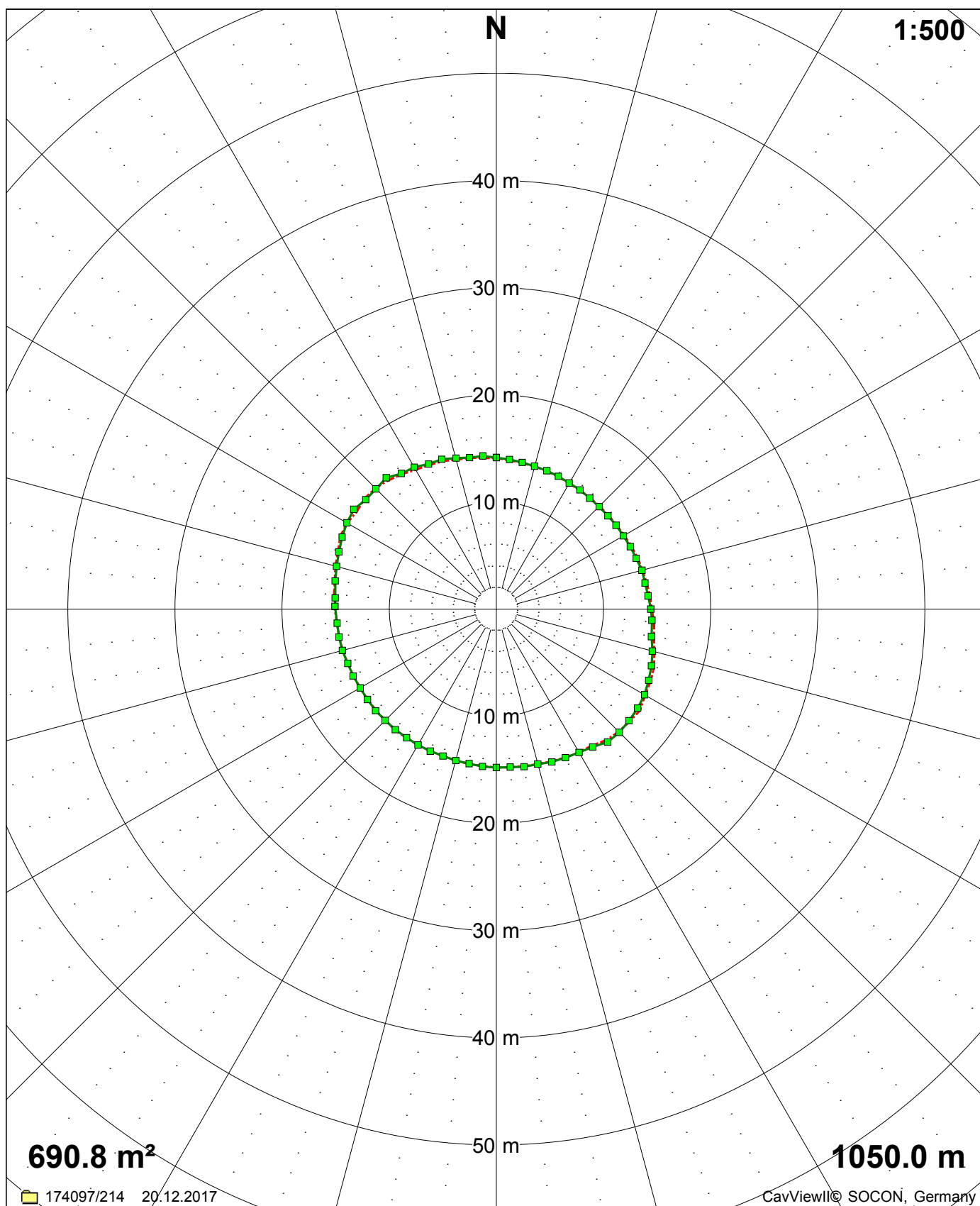
----- (19.05.2014) (684.9 m²)

----- (20.12.2017) (684.6 m²)

$d_{\max}$: 32.3 m 130° <--> 310° $r_{\min}$: 13.5 m -> 42° $r_{\sim}$: 14.8 m $r_{\max}$: 16.3 m -> 130°

Heiligerlee K

20.12.2017



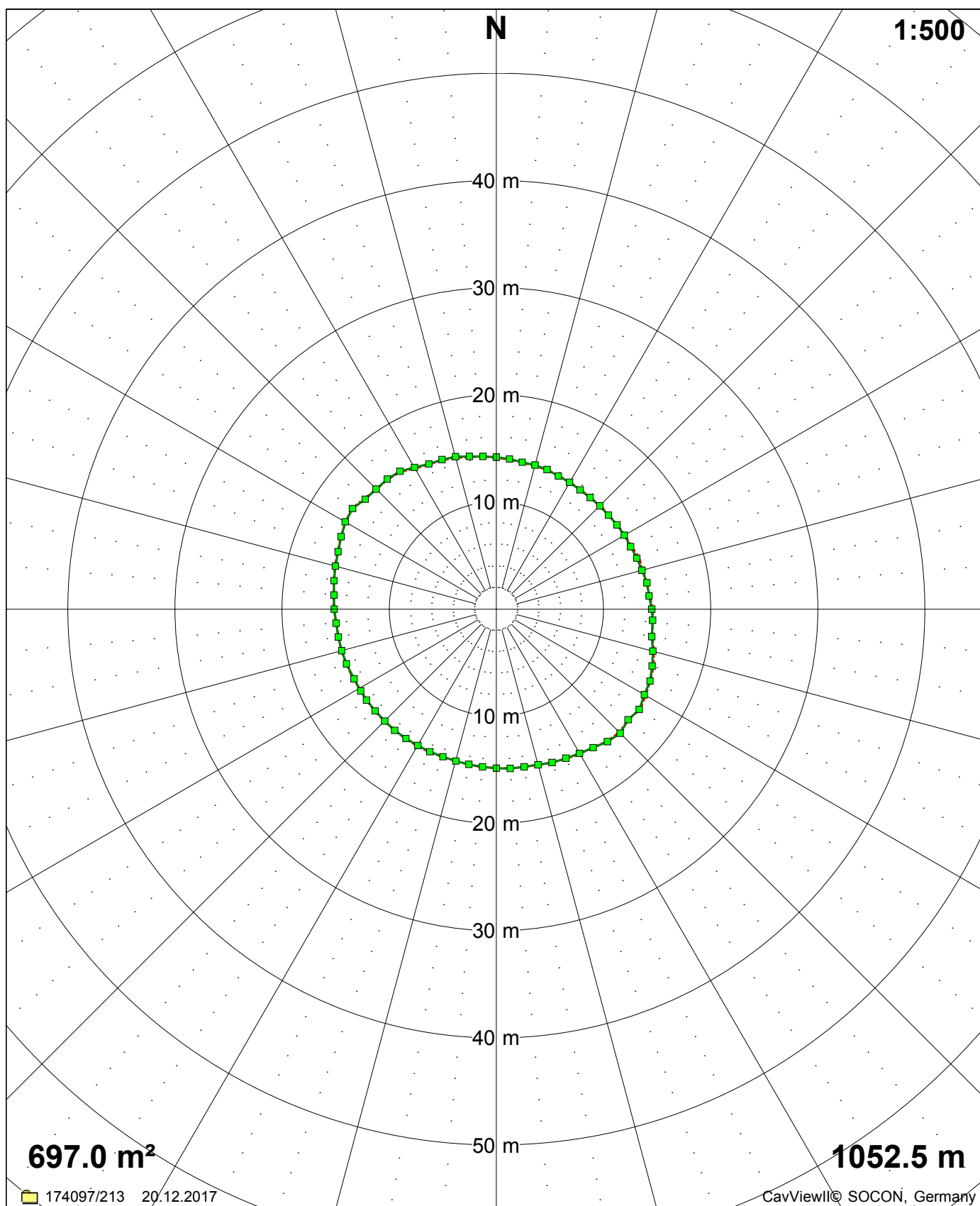
----- (19.05.2014) (691.9 m²)

----- (20.12.2017) (690.8 m²)

d_{max}: 32.3 m 125° <--> 305° **r_{min}:** 13.5 m -> 41° **r~:** 14.8 m **r_{max}:** 16.2 m -> 305°

Heiligerlee K

20.12.2017



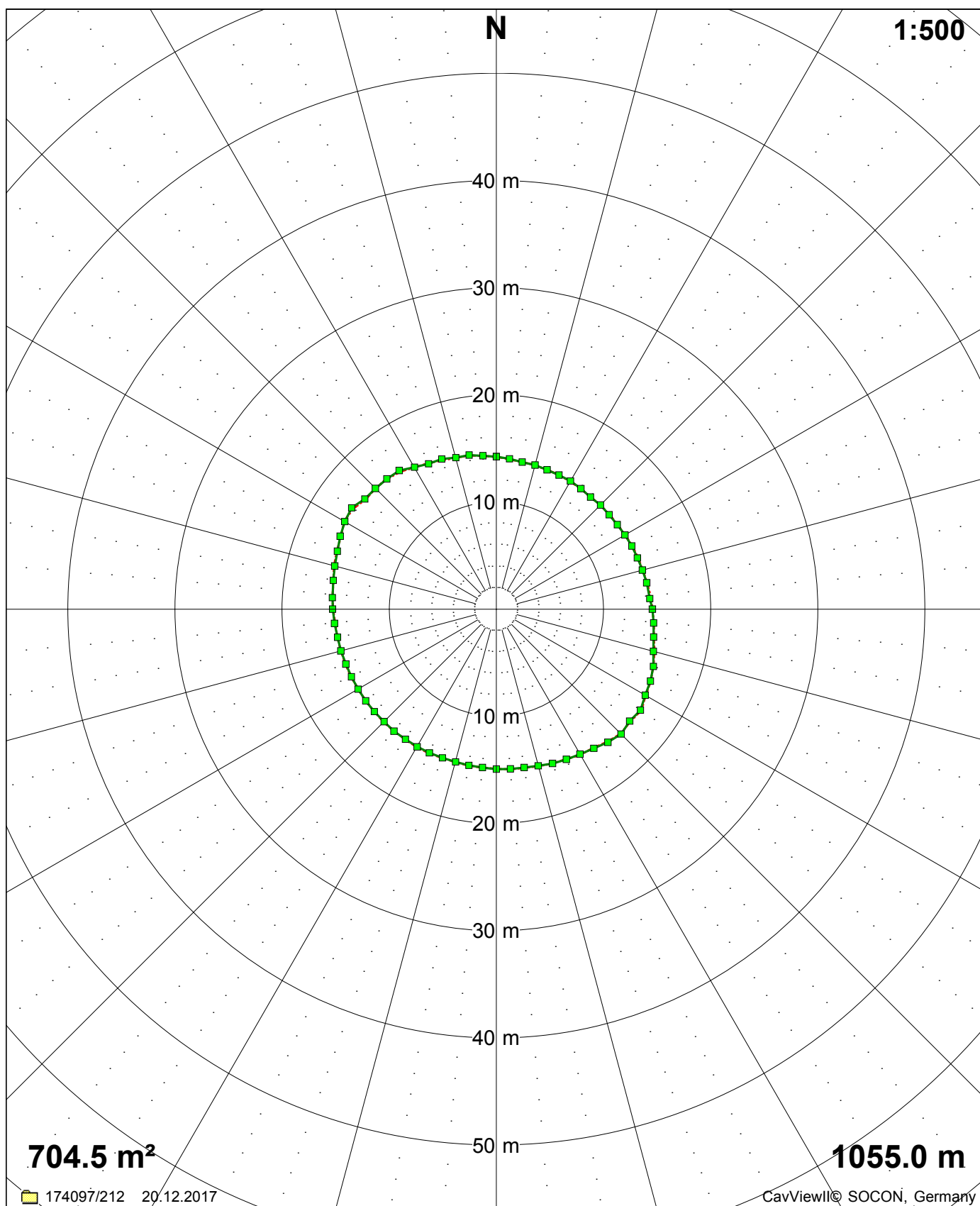
----- (19.05.2014) (698.5 m²)

----- (20.12.2017) (697.0 m²)

$d_{\max}$: 32.6 m 125° <--> 305° $r_{\min}$: 13.6 m -> 36° $r_{\sim}$: 14.9 m $r_{\max}$: 16.4 m -> 305°

Heiligerlee K

20.12.2017



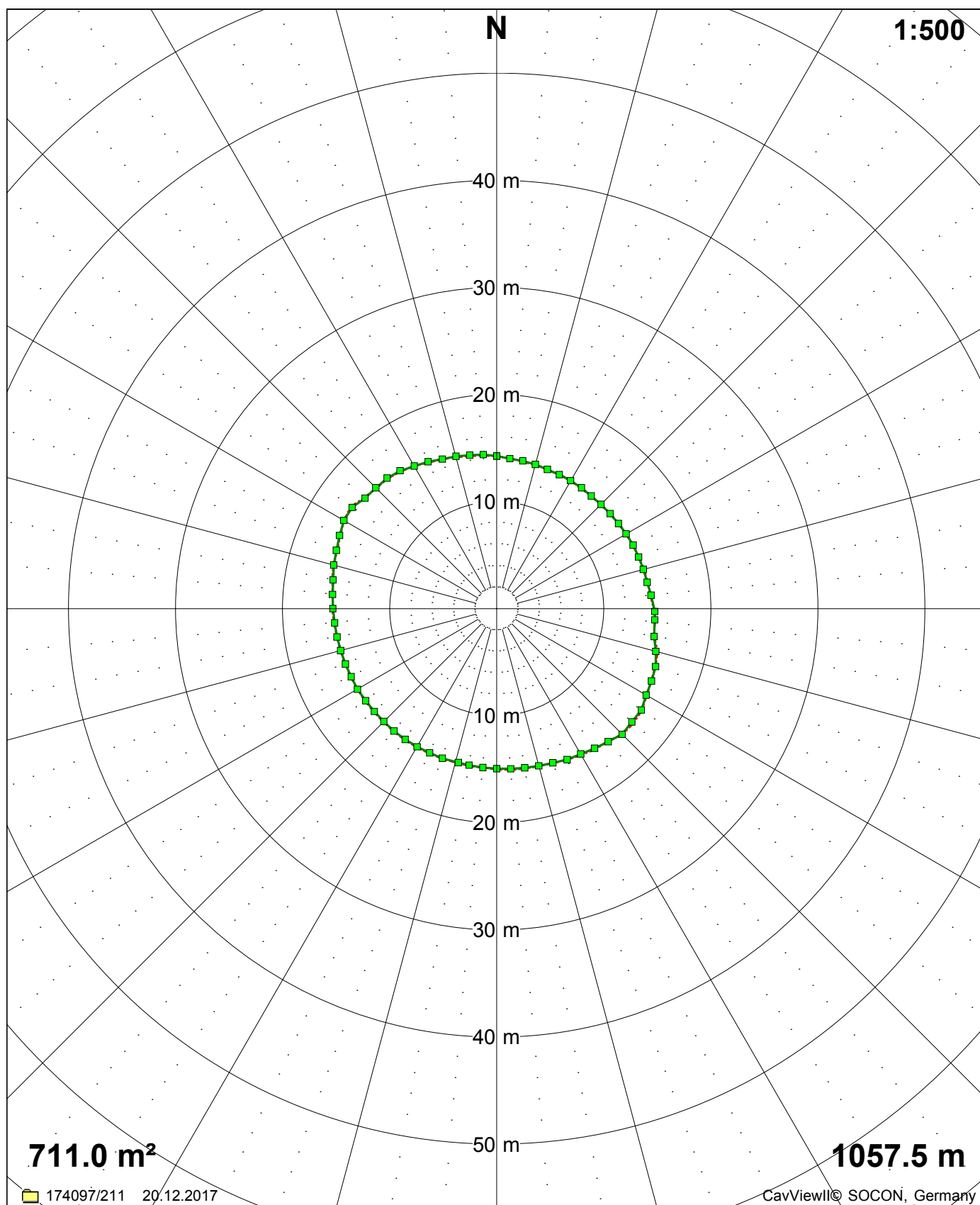
----- (19.05.2014) (704.9 m²)

----- (20.12.2017) (704.5 m²)

$d_{\max}$: 32.9 m 125° <--> 305° $r_{\min}$: 13.7 m -> 39° $r_{\sim}$: 15.0 m $r_{\max}$: 16.5 m -> 305°

Heiligerlee K

20.12.2017



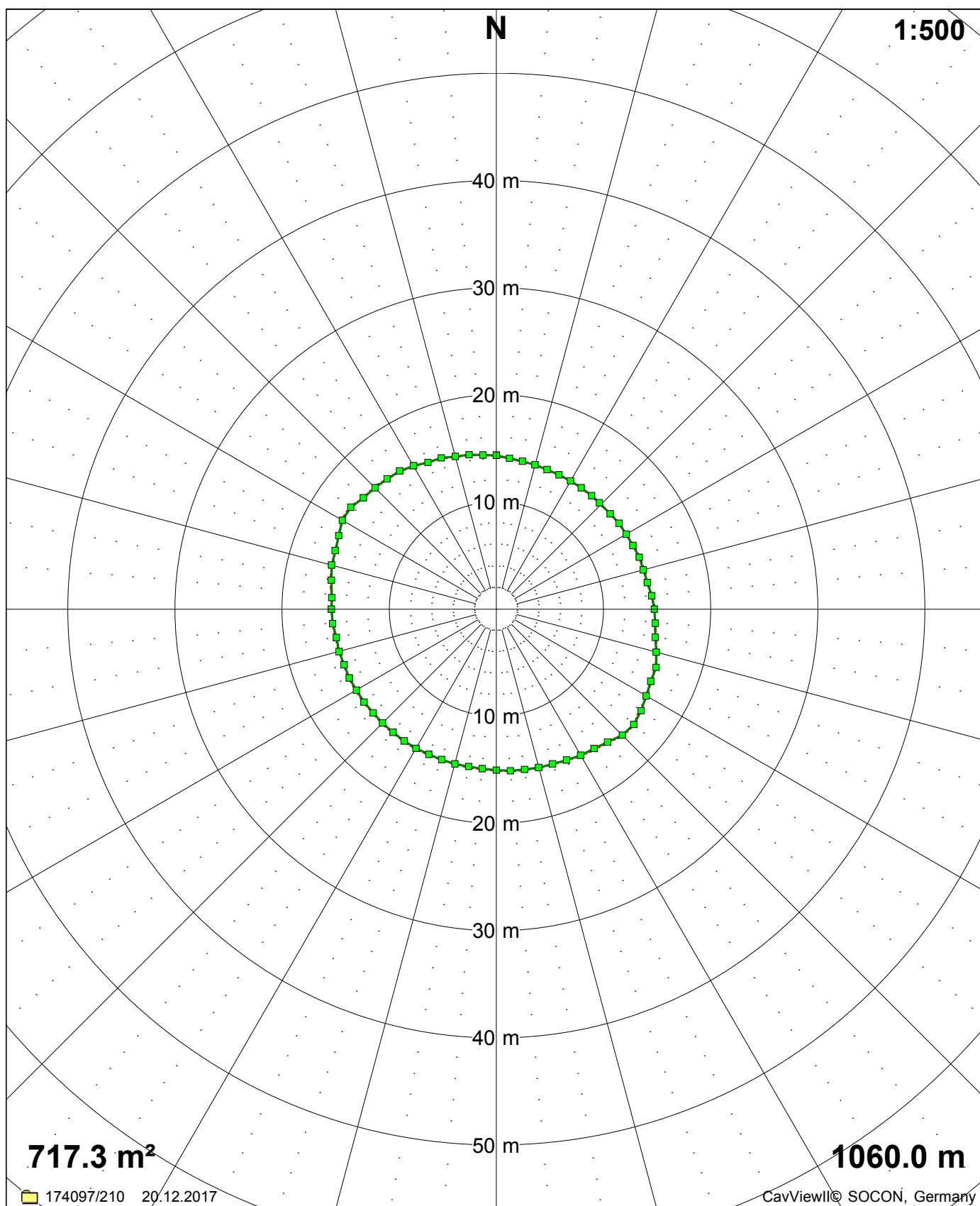
----- (19.05.2014) (712.4 m²)

----- (20.12.2017) (711.0 m²)

d_{max}: 33.0 m 125° <--> 305° **r_{min}:** 13.7 m -> 40° **r~:** 15.0 m **r_{max}:** 16.6 m -> 135°

Heiligerlee K

20.12.2017



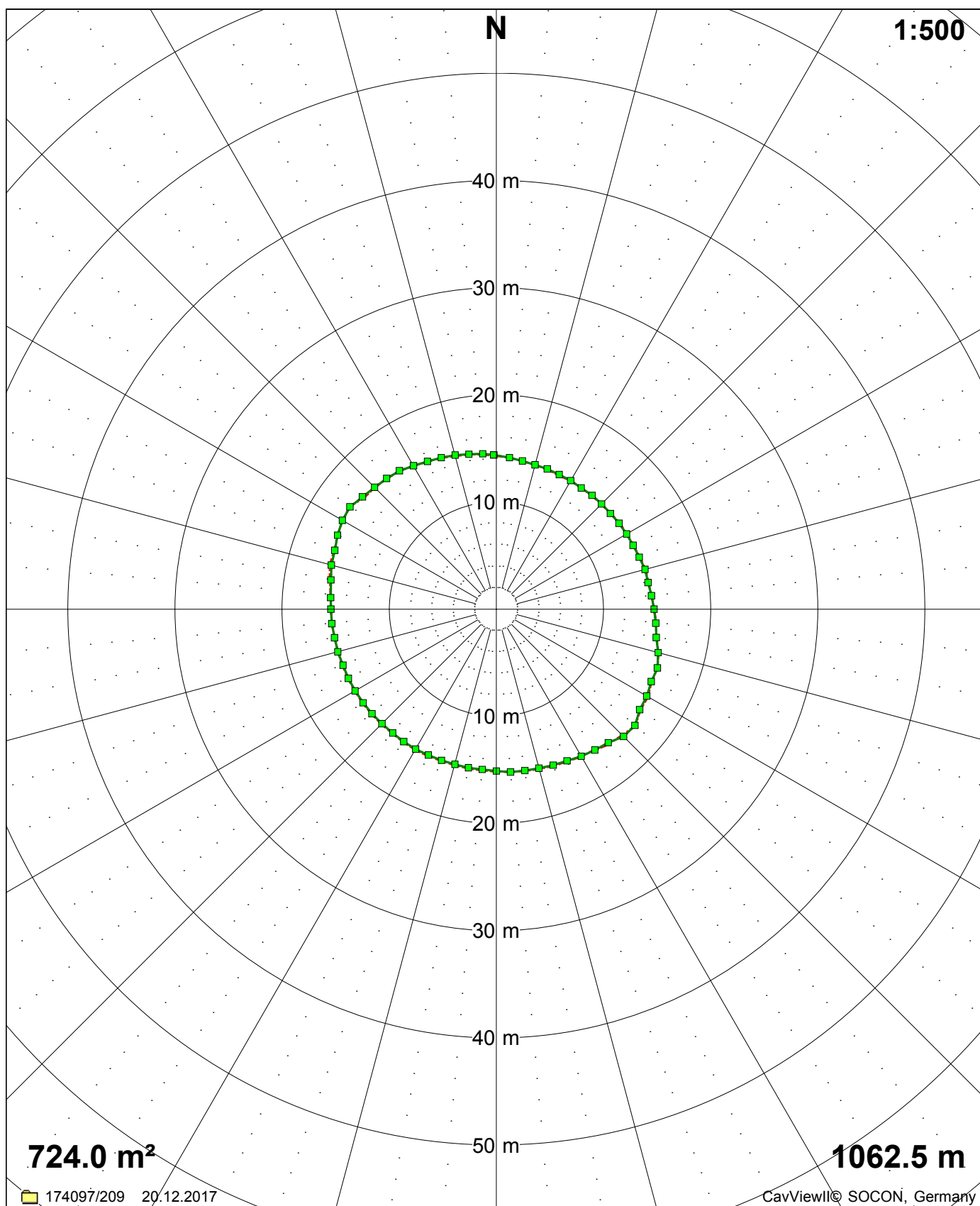
----- (19.05.2014) (719.1 m²)

----- (20.12.2017) (717.3 m²)

d_{max}: 33.1 m 125° <--> 305° r_{min}: 13.8 m -> 32° r~: 15.1 m r_{max}: 16.7 m -> 130°

Heiligerlee K

20.12.2017



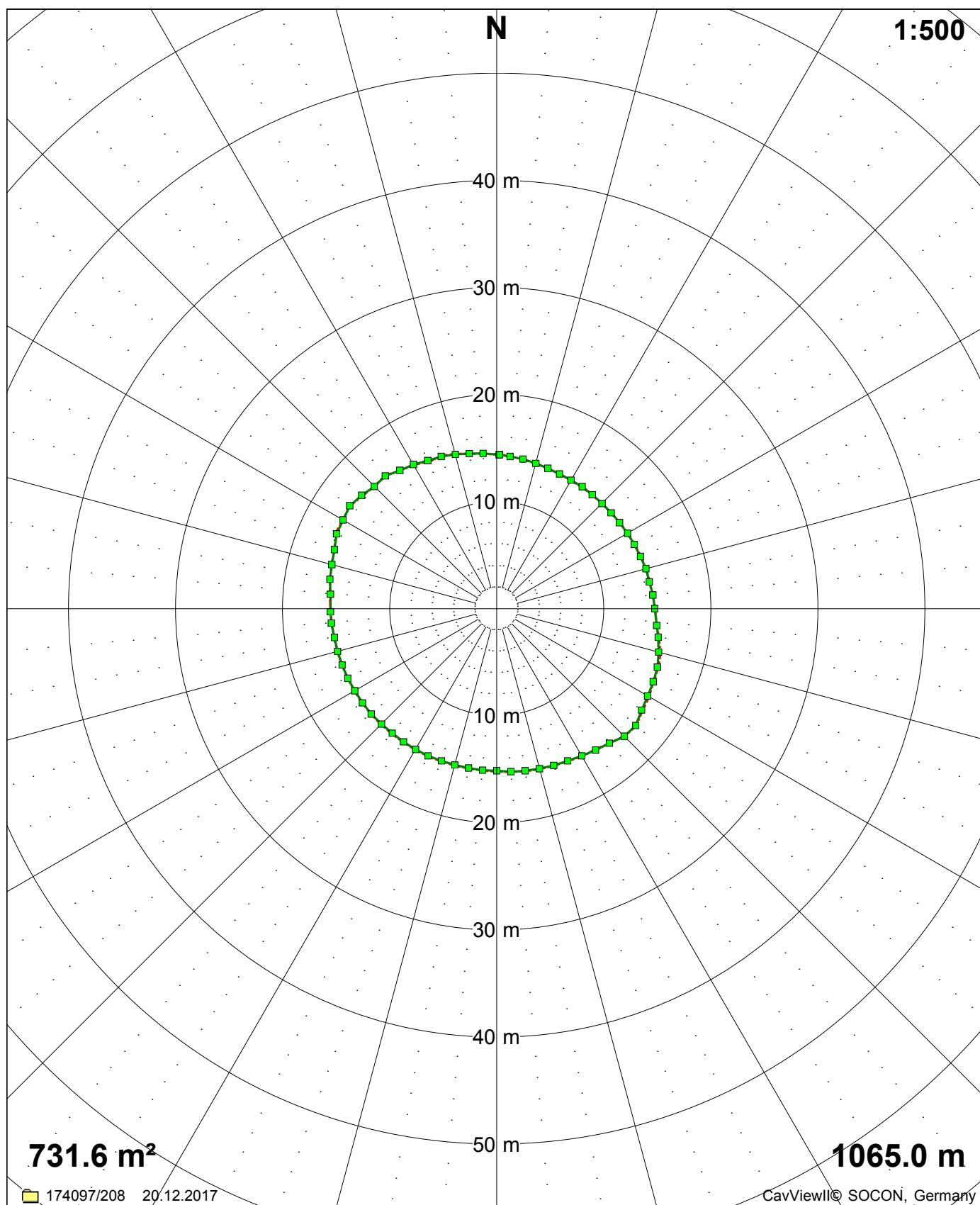
----- (19.05.2014) (725.6 m²)

----- (20.12.2017) (724.0 m²)

$d_{\max}$: 33.2 m 130° <--> 310° $r_{\min}$: 13.8 m -> 32° $r_{\sim}$: 15.2 m $r_{\max}$: 16.9 m -> 130°

Heiligerlee K

20.12.2017



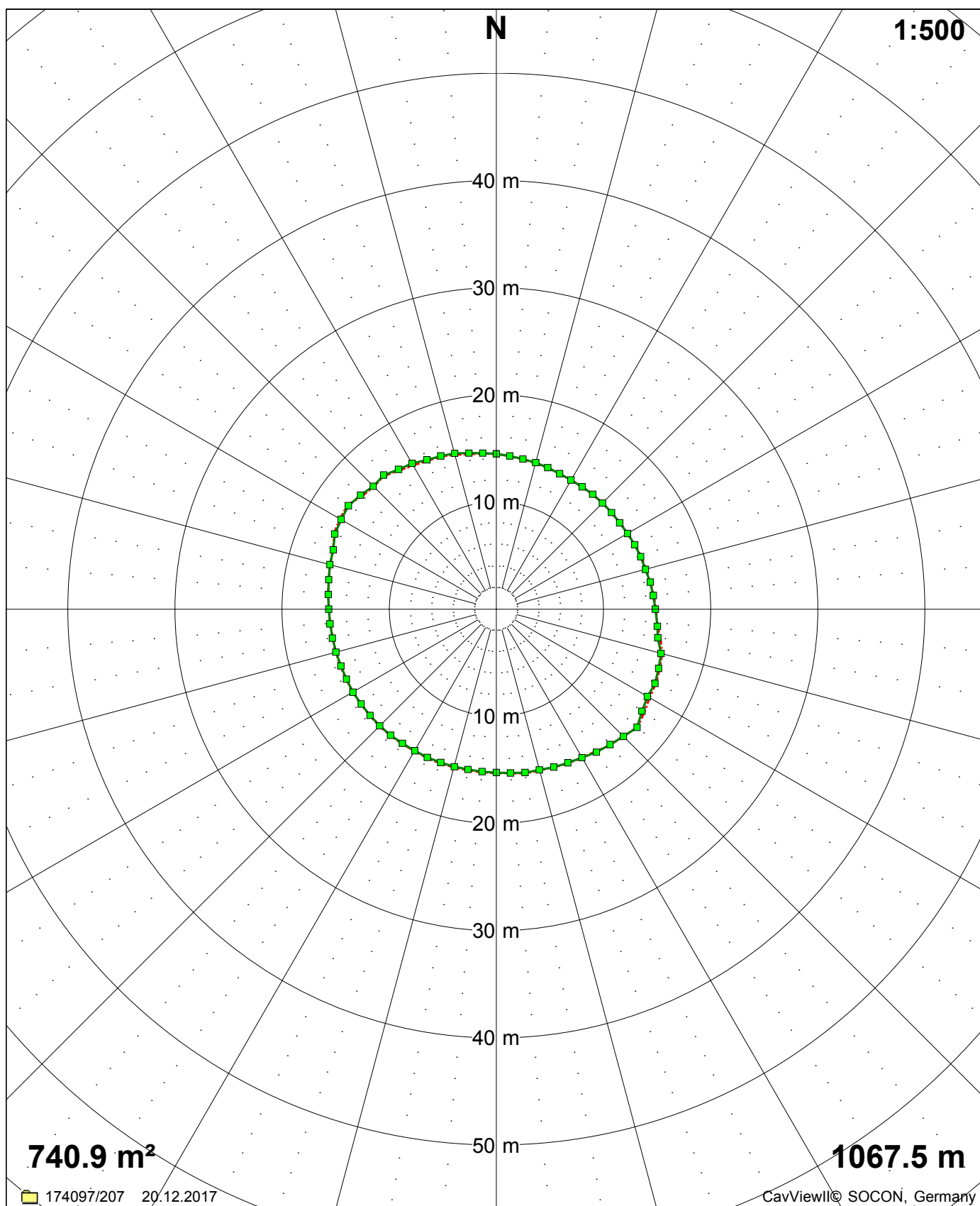
----- (19.05.2014) (734.0 m²)

----- (20.12.2017) (731.6 m²)

d_{max}: 33.4 m 130° <--> 310° r_{min}: 13.8 m -> 27° r~: 15.3 m r_{max}: 17.0 m -> 130°

Heiligerlee K

20.12.2017



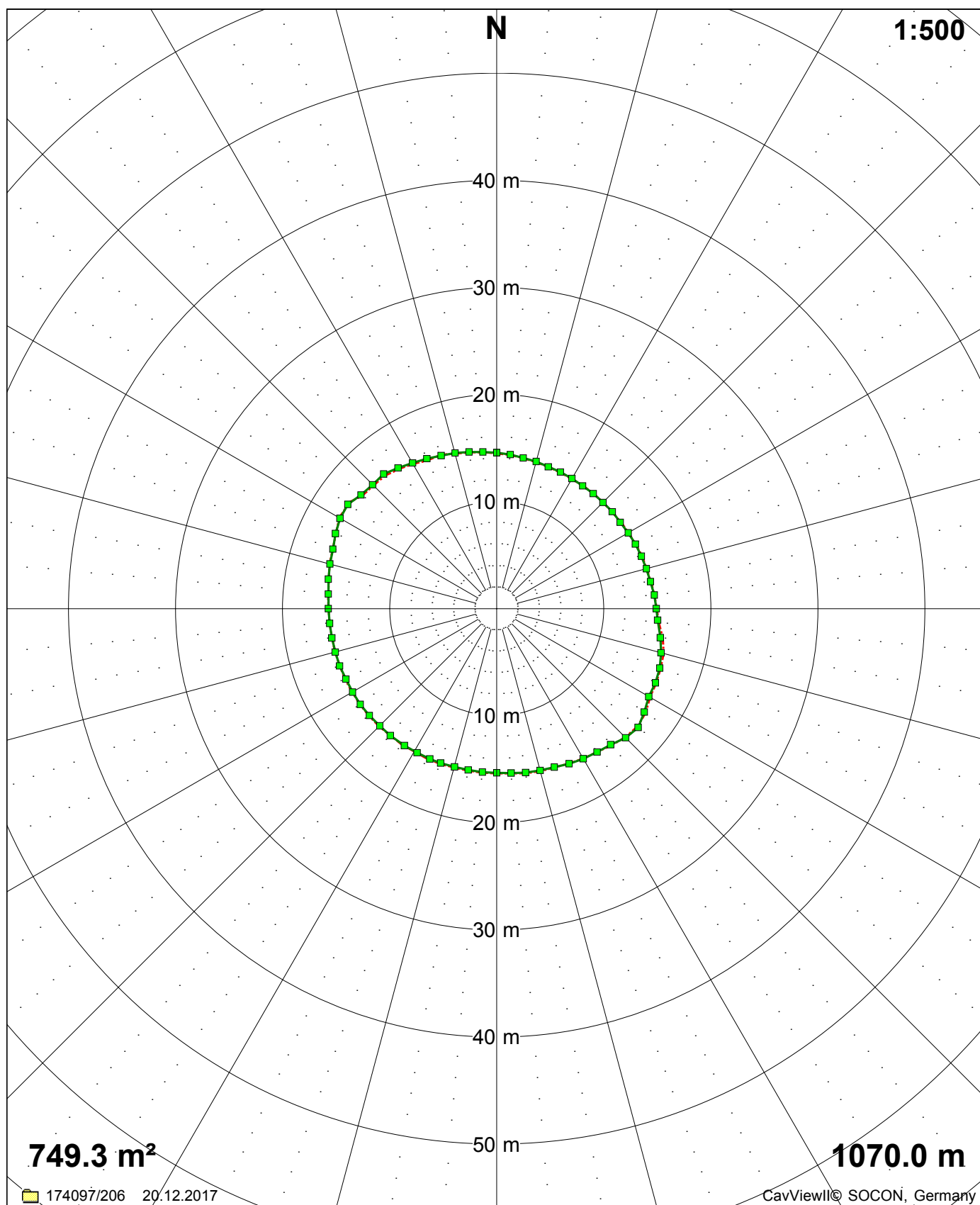
----- (19.05.2014) (742.9 m²)

----- (20.12.2017) (740.9 m²)

d_{max}: 33.7 m 130° <--> 310° r_{min}: 13.9 m -> 31° r~: 15.4 m r_{max}: 17.1 m -> 130°

Heiligerlee K

20.12.2017



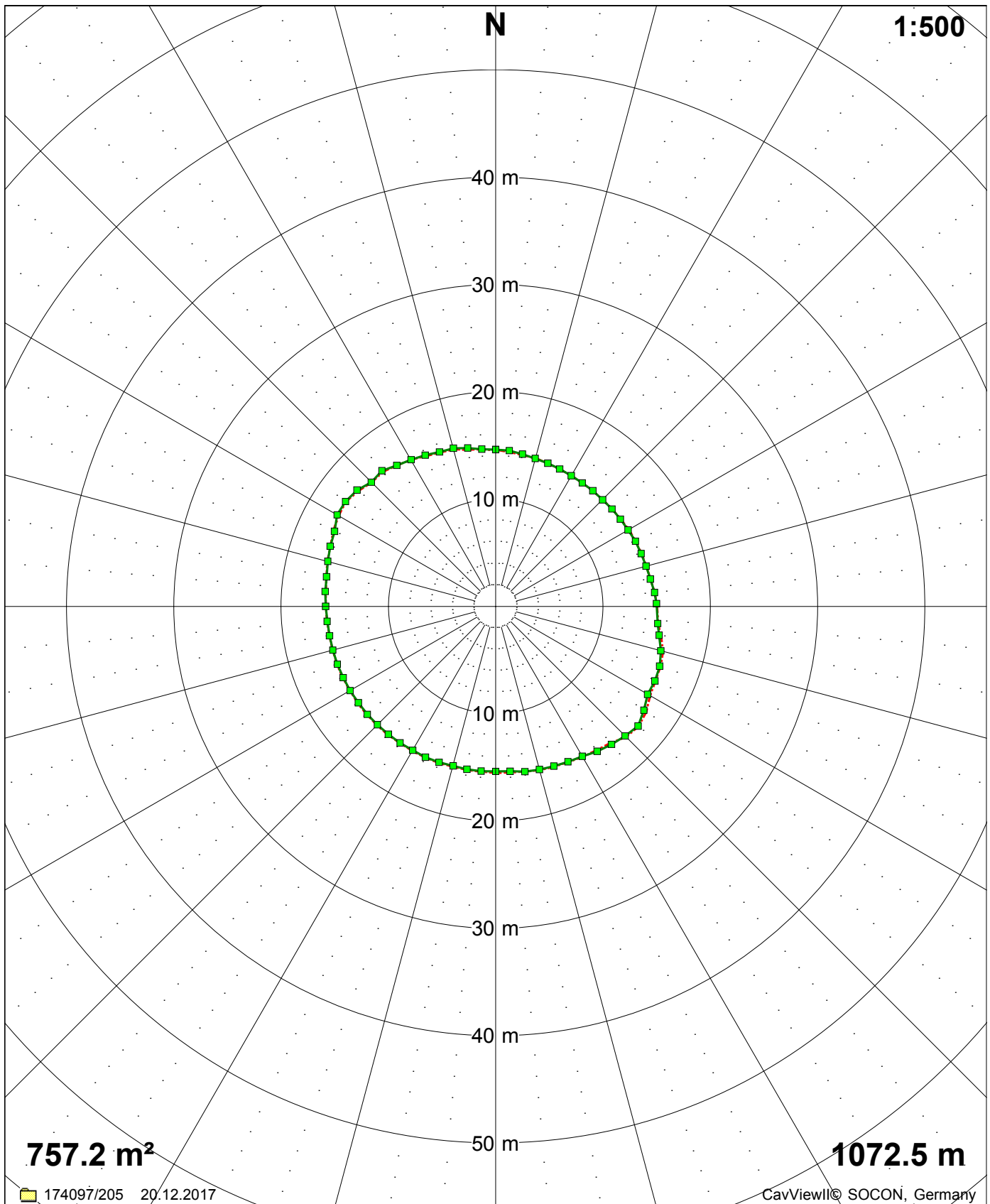
----- (19.05.2014) (750.9 m²)

----- (20.12.2017) (749.3 m²)

d_{max}: 33.8 m 125° <--> 305° r_{min}: 14.0 m -> 32° r~: 15.4 m r_{max}: 17.2 m -> 130°

Heiligerlee K

20.12.2017



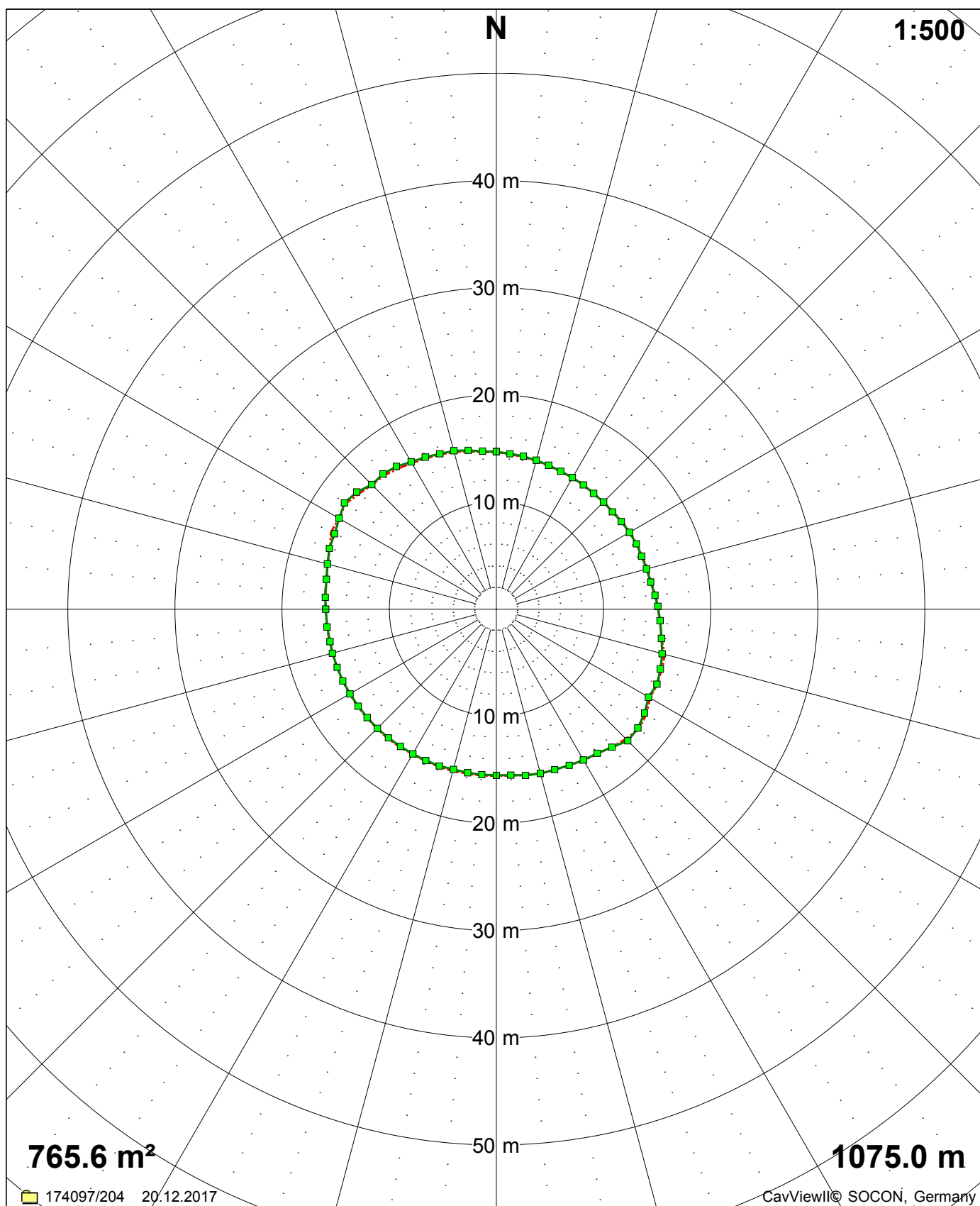
----- (19.05.2014) (759.0 m²)

----- (20.12.2017) (757.2 m²)

d_{max}: 34.2 m 130° <--> 310° r_{min}: 14.1 m -> 32° r~: 15.5 m r_{max}: 17.3 m -> 130°

Heiligerlee K

20.12.2017



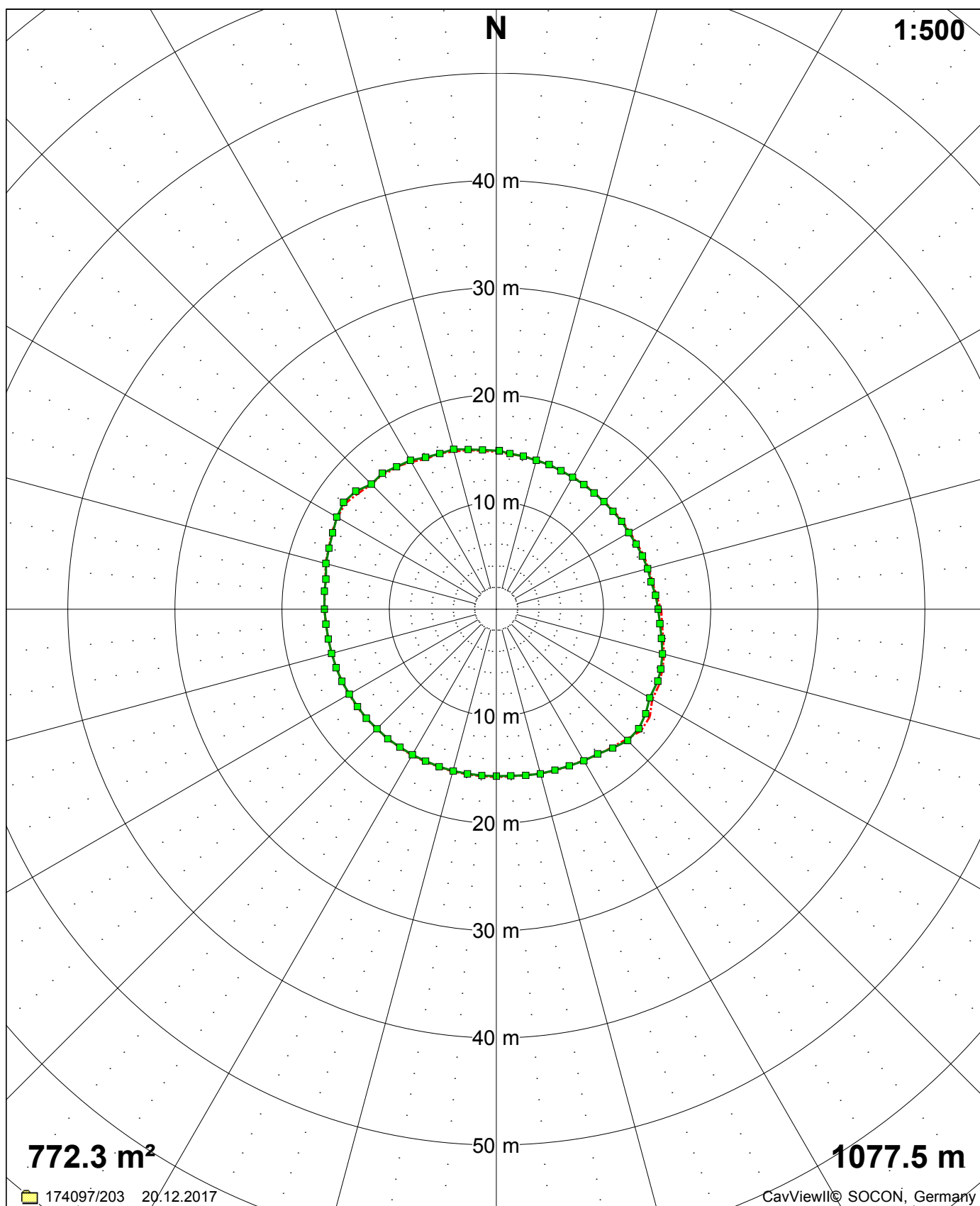
----- (19.05.2014) (766.5 m²)

----- (20.12.2017) (765.6 m²)

d_{max}: 34.3 m 130° <--> 310° **r_{min}:** 14.1 m -> 41° **r_~:** 15.6 m **r_{max}:** 17.3 m -> 135°

Heiligerlee K

20.12.2017



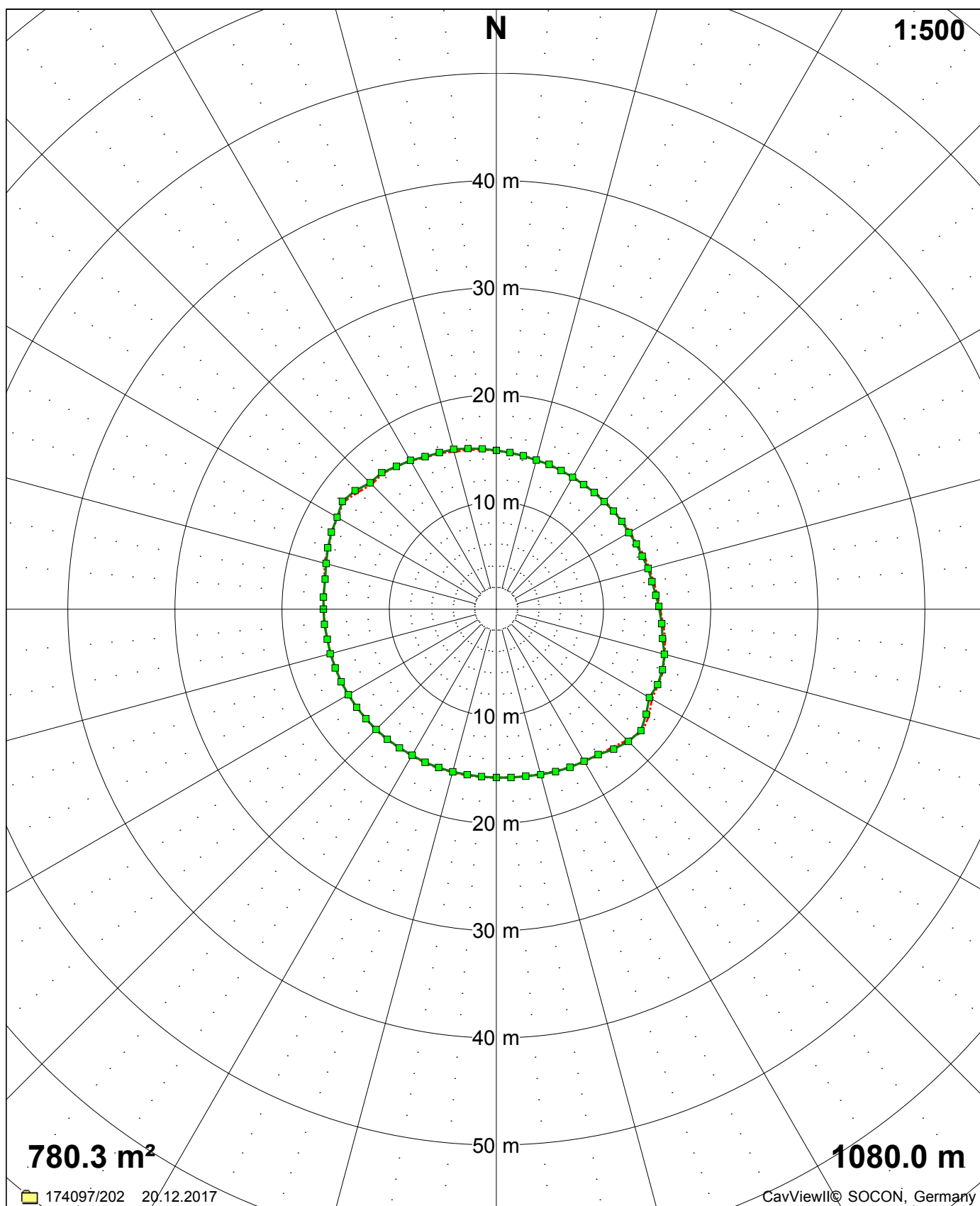
----- (19.05.2014) (775.1 m²)

----- (20.12.2017) (772.3 m²)

d_{max}: 34.5 m 130° <--> 310° r_{min}: 14.2 m -> 41° r~: 15.7 m r_{max}: 17.4 m -> 305°

Heiligerlee K

20.12.2017



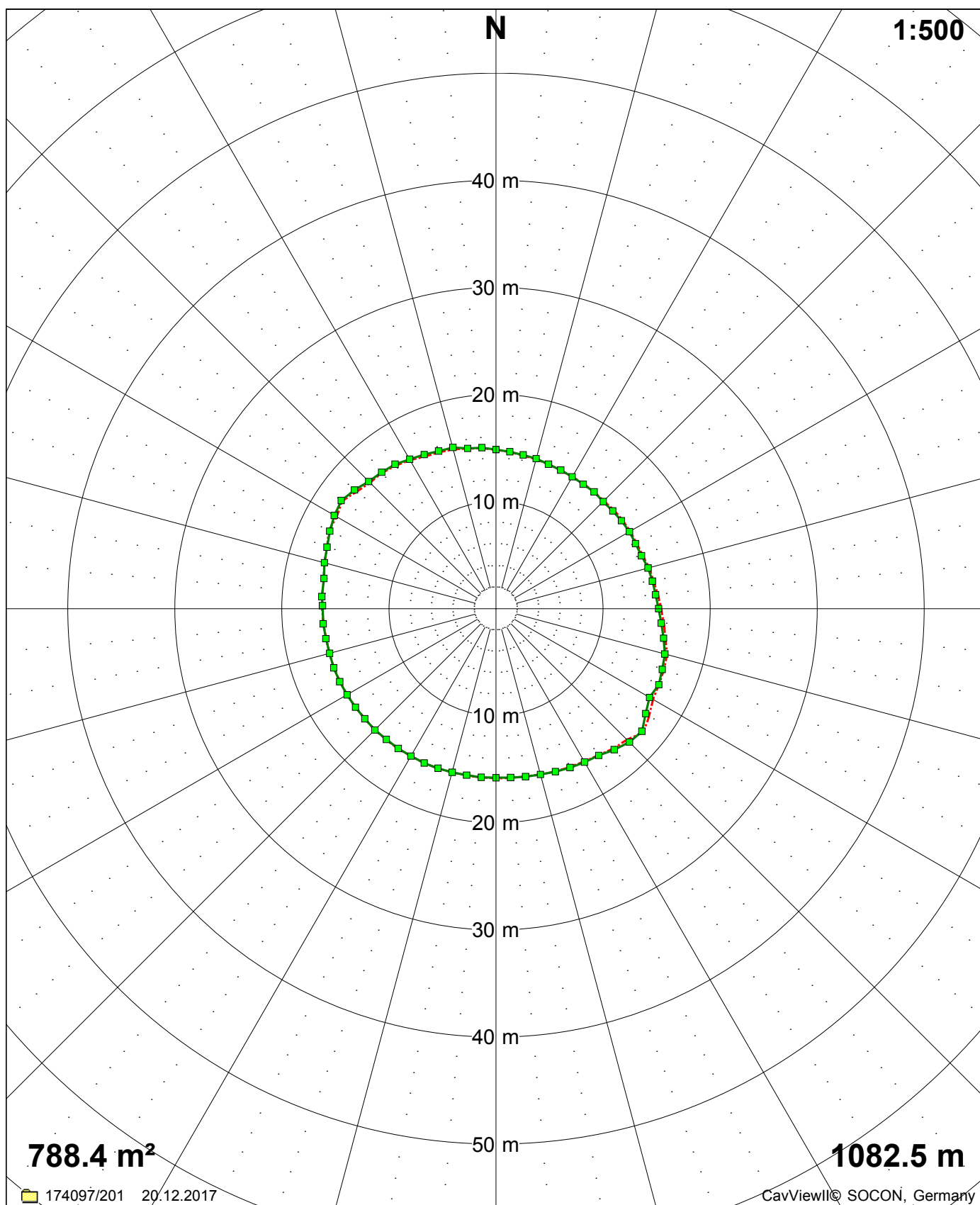
--- (19.05.2014) (781.4 m²)

--- (20.12.2017) (780.3 m²)

d_{max}: 34.8 m 130° <--> 310° r_{min}: 14.2 m -> 36° r~: 15.8 m r_{max}: 17.6 m -> 130°

Heiligerlee K

20.12.2017



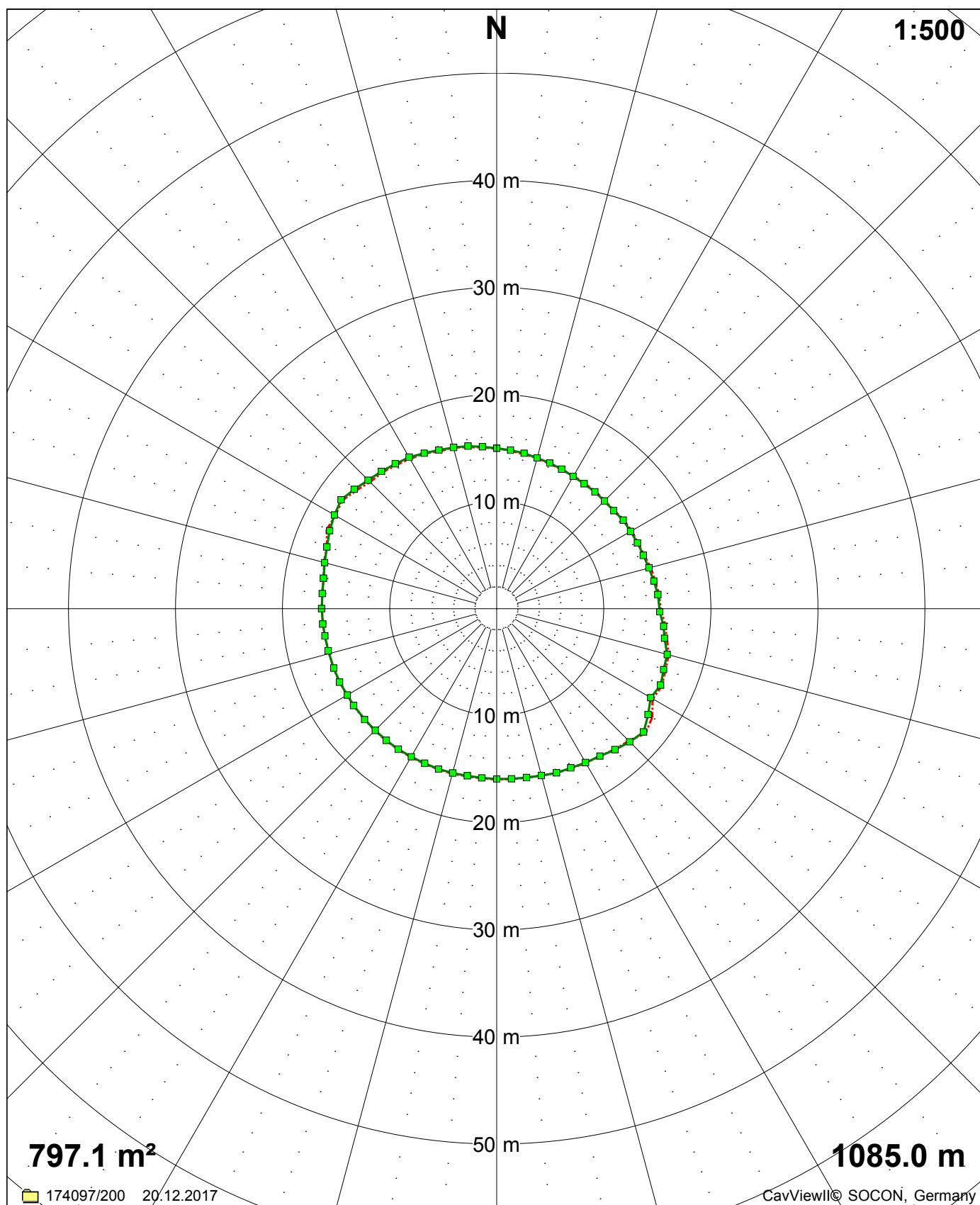
--- (19.05.2014) (789.7 m²)

--- (20.12.2017) (788.4 m²)

d_{max}: 35.1 m 130° <--> 310° r_{min}: 14.2 m -> 44° r~: 15.8 m r_{max}: 17.8 m -> 130°

Heiligerlee K

20.12.2017



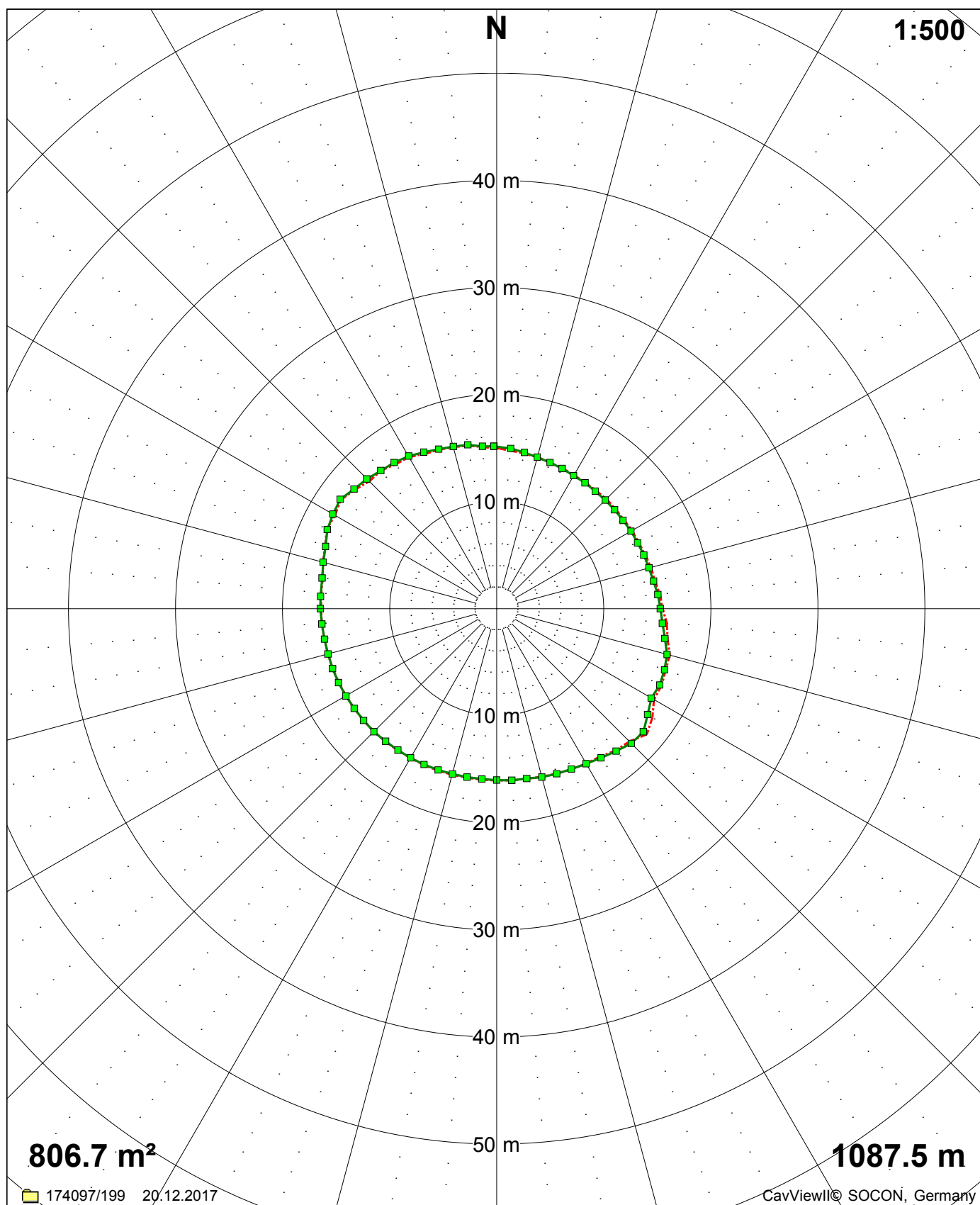
----- (19.05.2014) (800.1 m²)

----- (20.12.2017) (797.1 m²)

d_{max}: 35.2 m 130° <--> 310° r_{min}: 14.2 m -> 42° r~: 15.9 m r_{max}: 17.9 m -> 130°

Heiligerlee K

20.12.2017



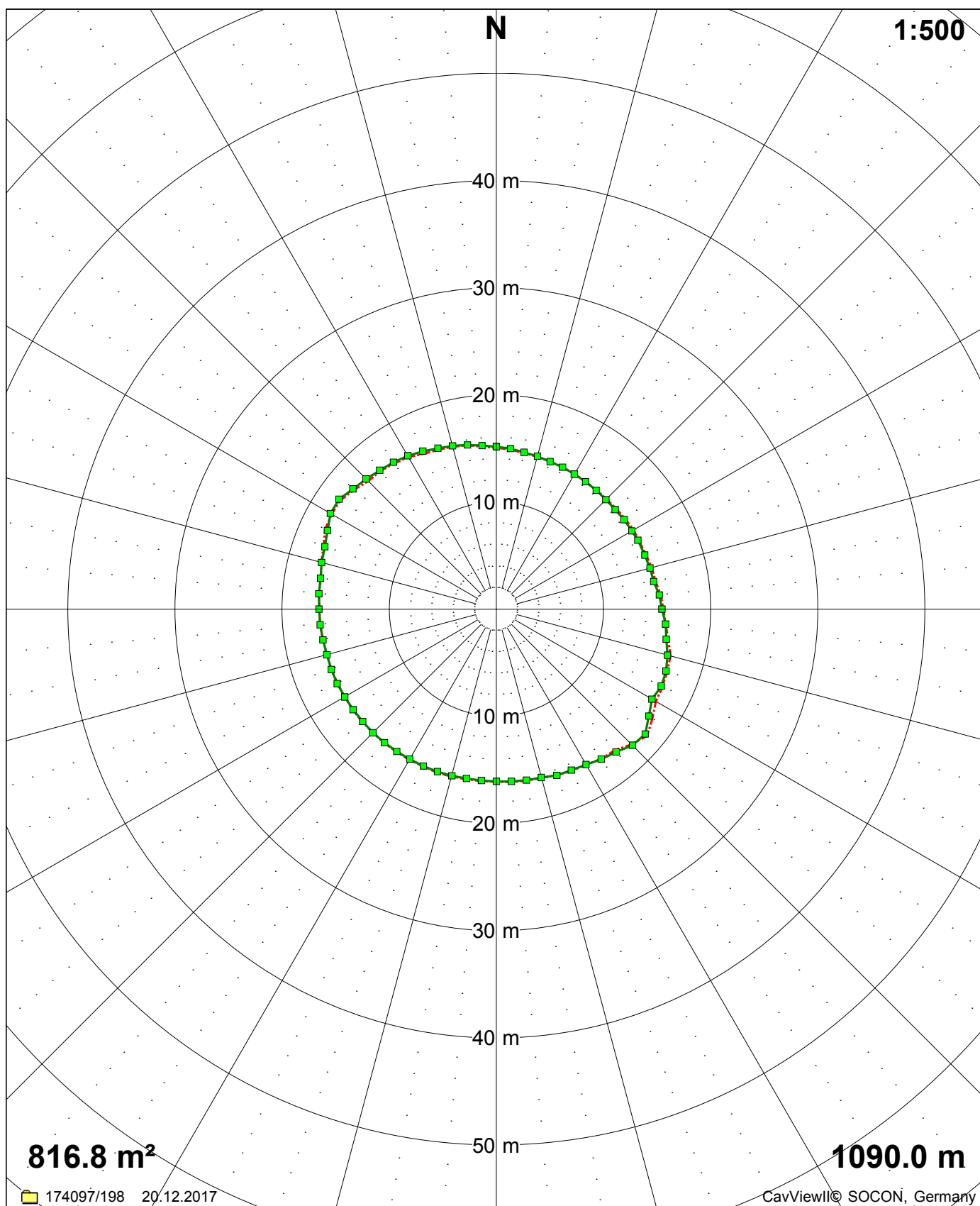
----- (19.05.2014) (809.5 m²)

----- (20.12.2017) (806.7 m²)

$d_{\max}$: 35.3 m 130° <--> 310° $r_{\min}$: 14.3 m -> 41° $r_{\sim}$: 16.0 m $r_{\max}$: 17.9 m -> 130°

Heiligerlee K

20.12.2017



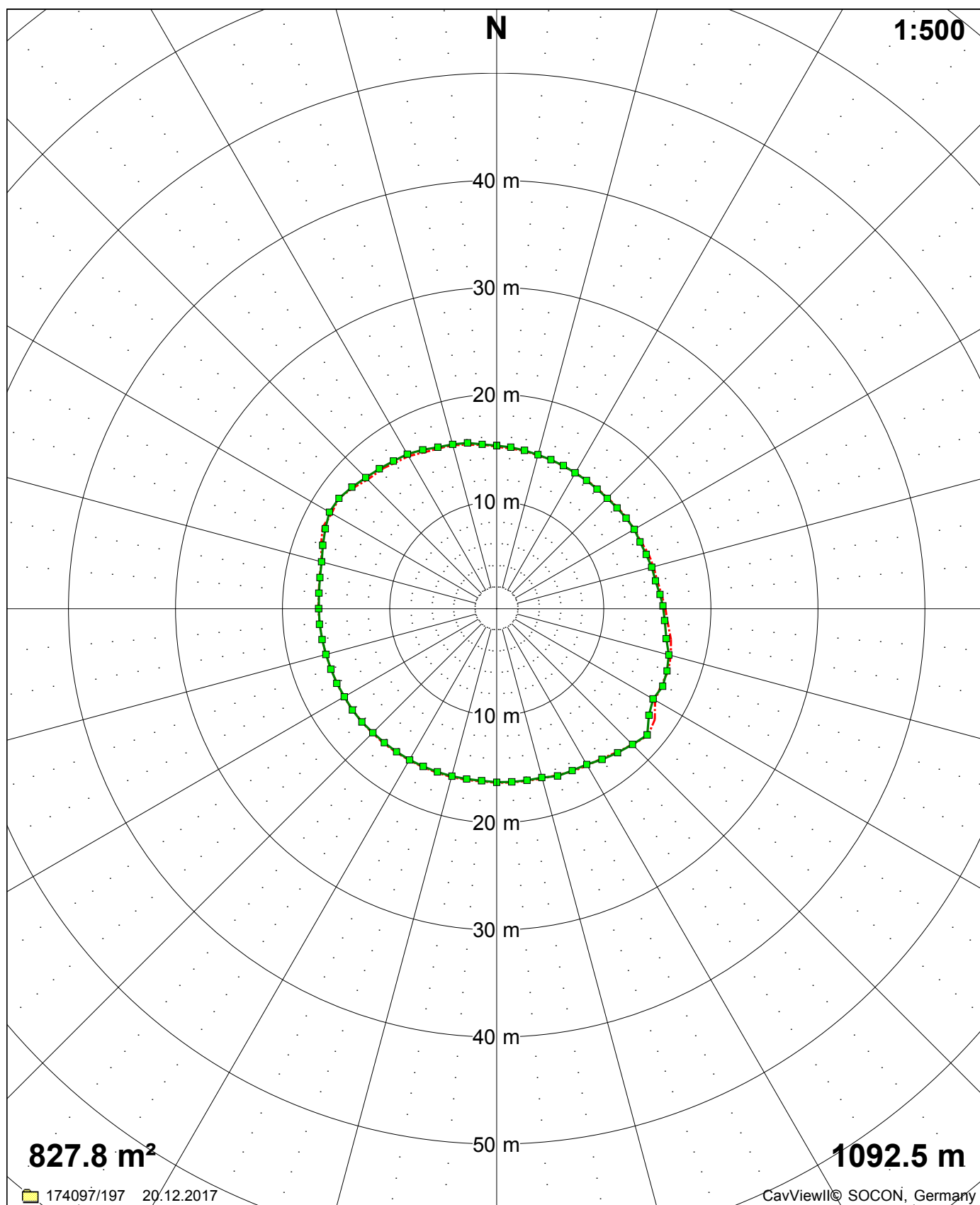
----- (19.05.2014) (819.7 m²)

----- (20.12.2017) (816.8 m²)

d_{max}: 35.6 m 130° <--> 310° r_{min}: 14.4 m -> 42° r~: 16.1 m r_{max}: 18.1 m -> 130°

Heiligerlee K

20.12.2017



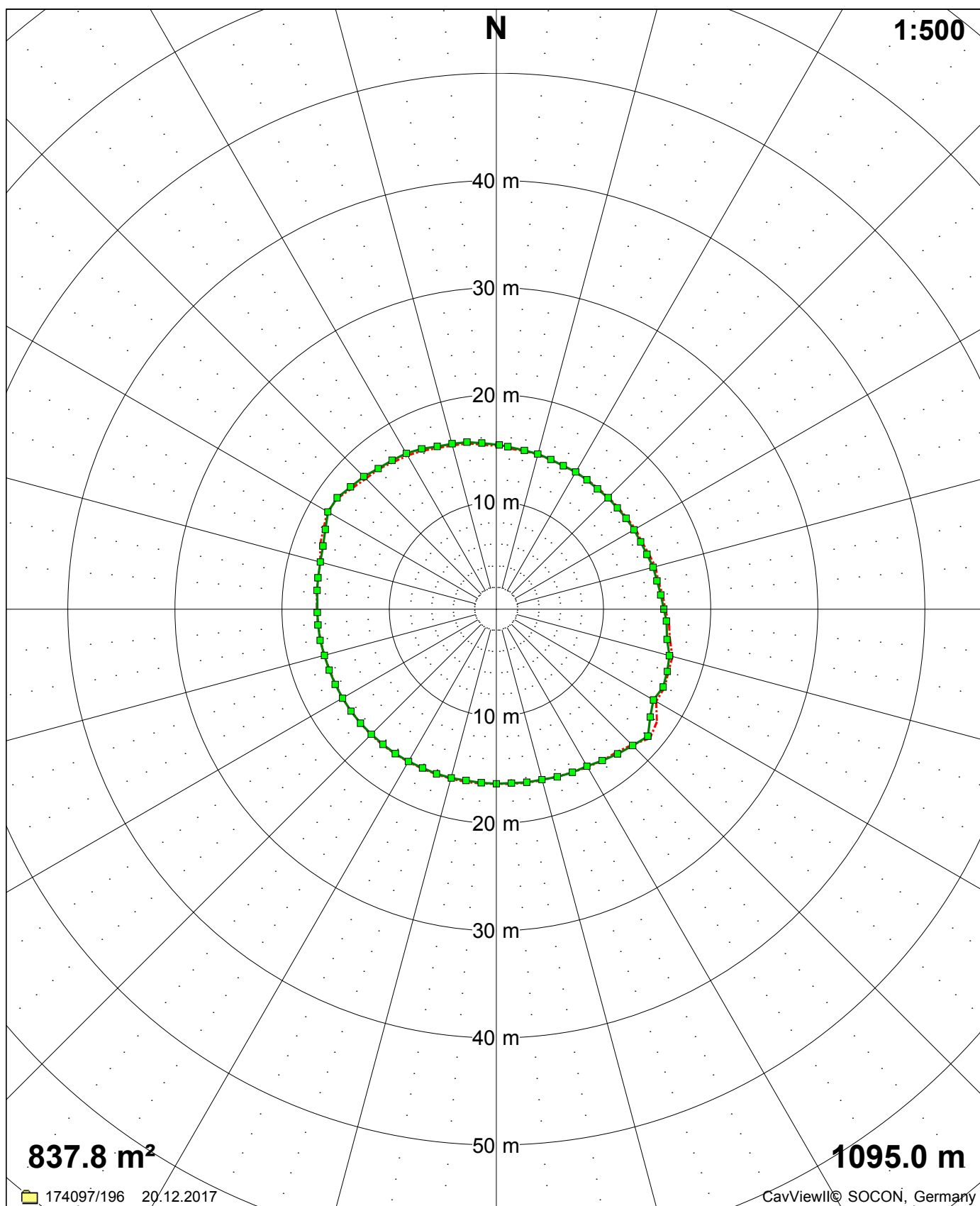
----- (19.05.2014) (830.8 m²)

----- (20.12.2017) (827.8 m²)

d_{max}: 36.0 m 130° <--> 310° r_{min}: 14.6 m -> 41° r~: 16.2 m r_{max}: 18.3 m -> 130°

Heiligerlee K

20.12.2017



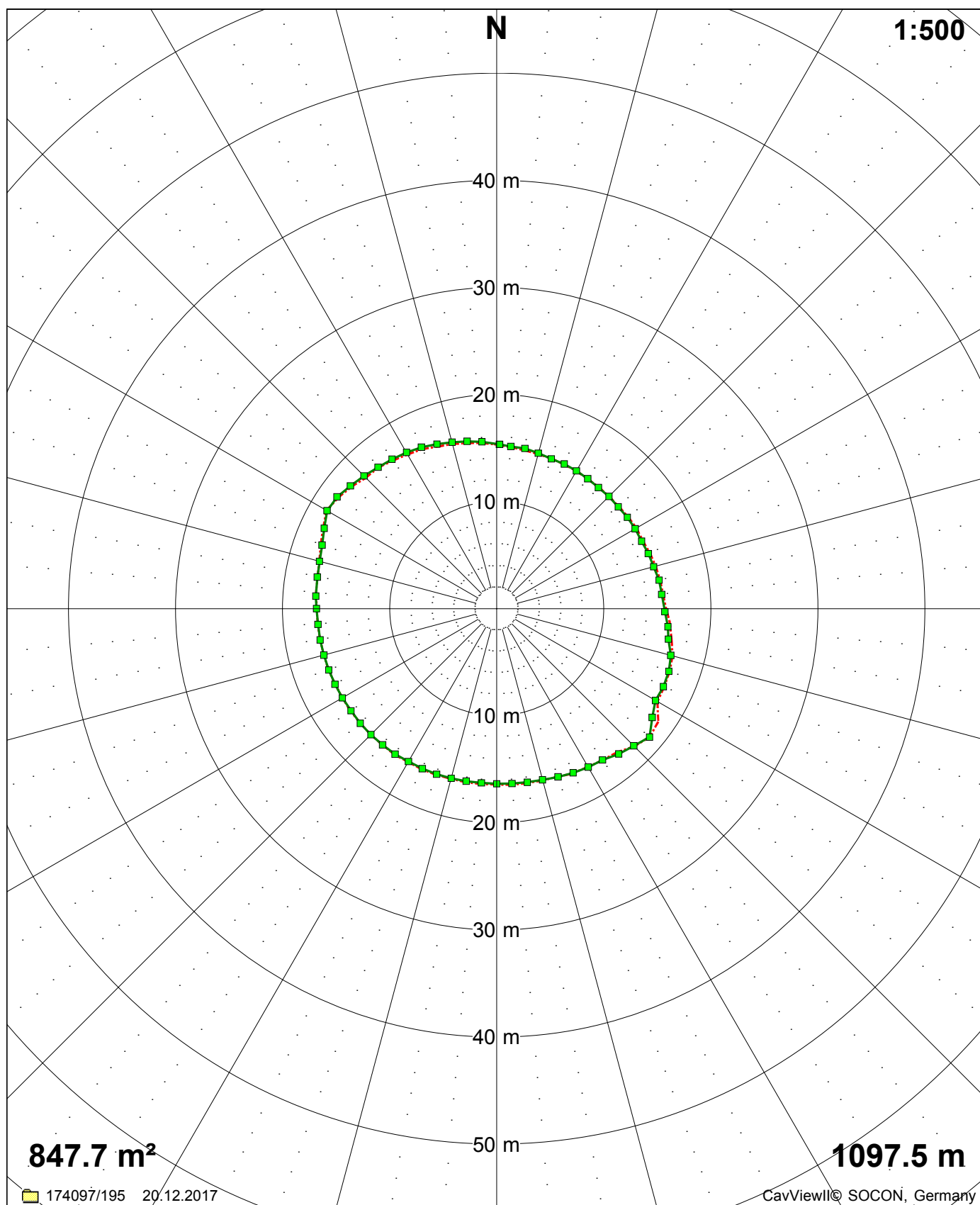
----- (19.05.2014) (841.7 m²)

----- (20.12.2017) (837.8 m²)

d_{max}: 36.2 m 130° <--> 310° r_{min}: 14.7 m -> 38° r~: 16.3 m r_{max}: 18.4 m -> 130°

Heiligerlee K

20.12.2017



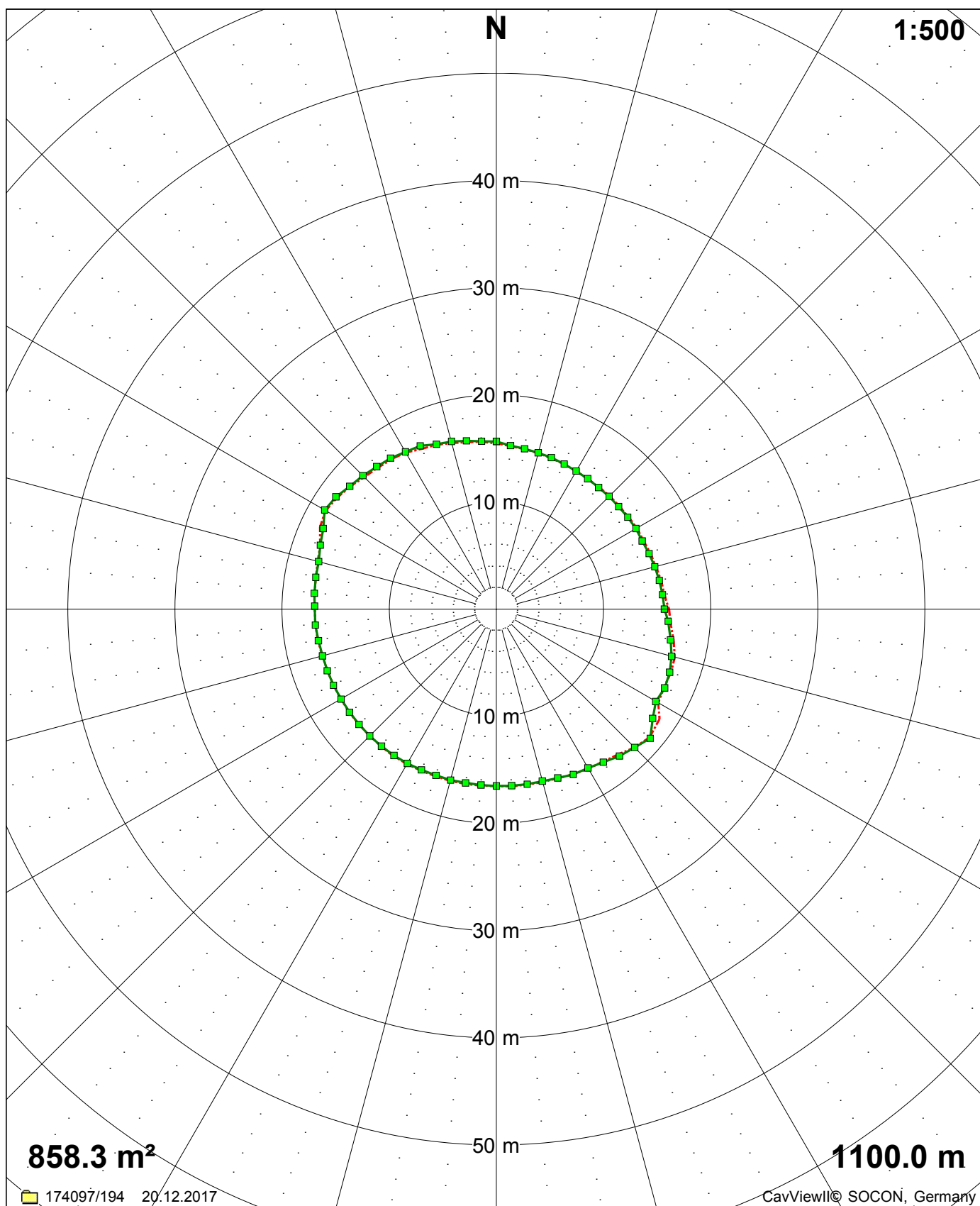
----- (19.05.2014) (850.5 m²)

----- (20.12.2017) (847.7 m²)

d_{max}: 36.5 m 130° <--> 310° r_{min}: 14.8 m -> 38° r~: 16.4 m r_{max}: 18.6 m -> 130°

Heiligerlee K

20.12.2017



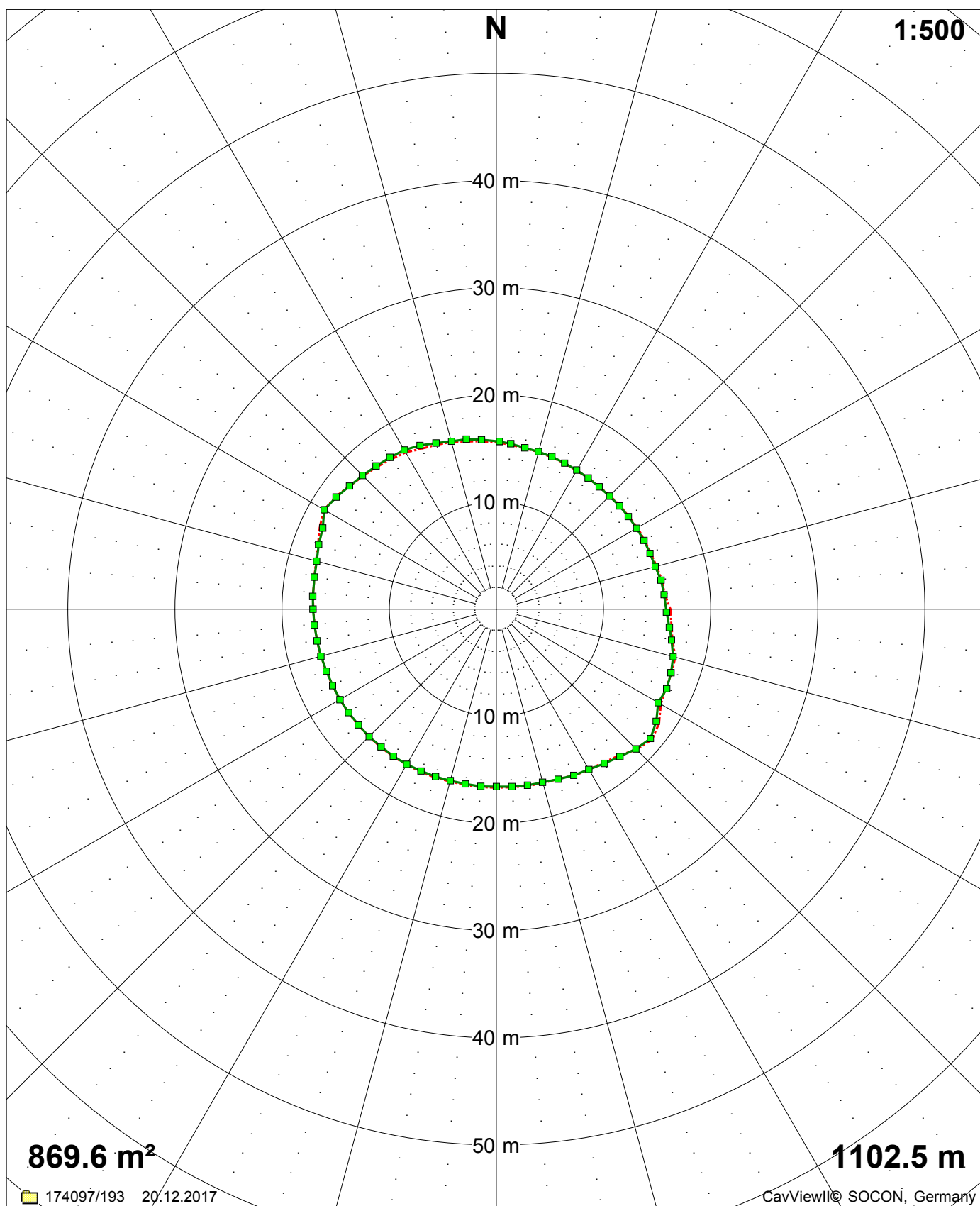
----- (19.05.2014) (861.7 m²)

----- (20.12.2017) (858.3 m²)

d_{max}: 36.6 m 130° <--> 310° r_{min}: 14.8 m -> 38° r~: 16.5 m r_{max}: 18.7 m -> 130°

Heiligerlee K

20.12.2017



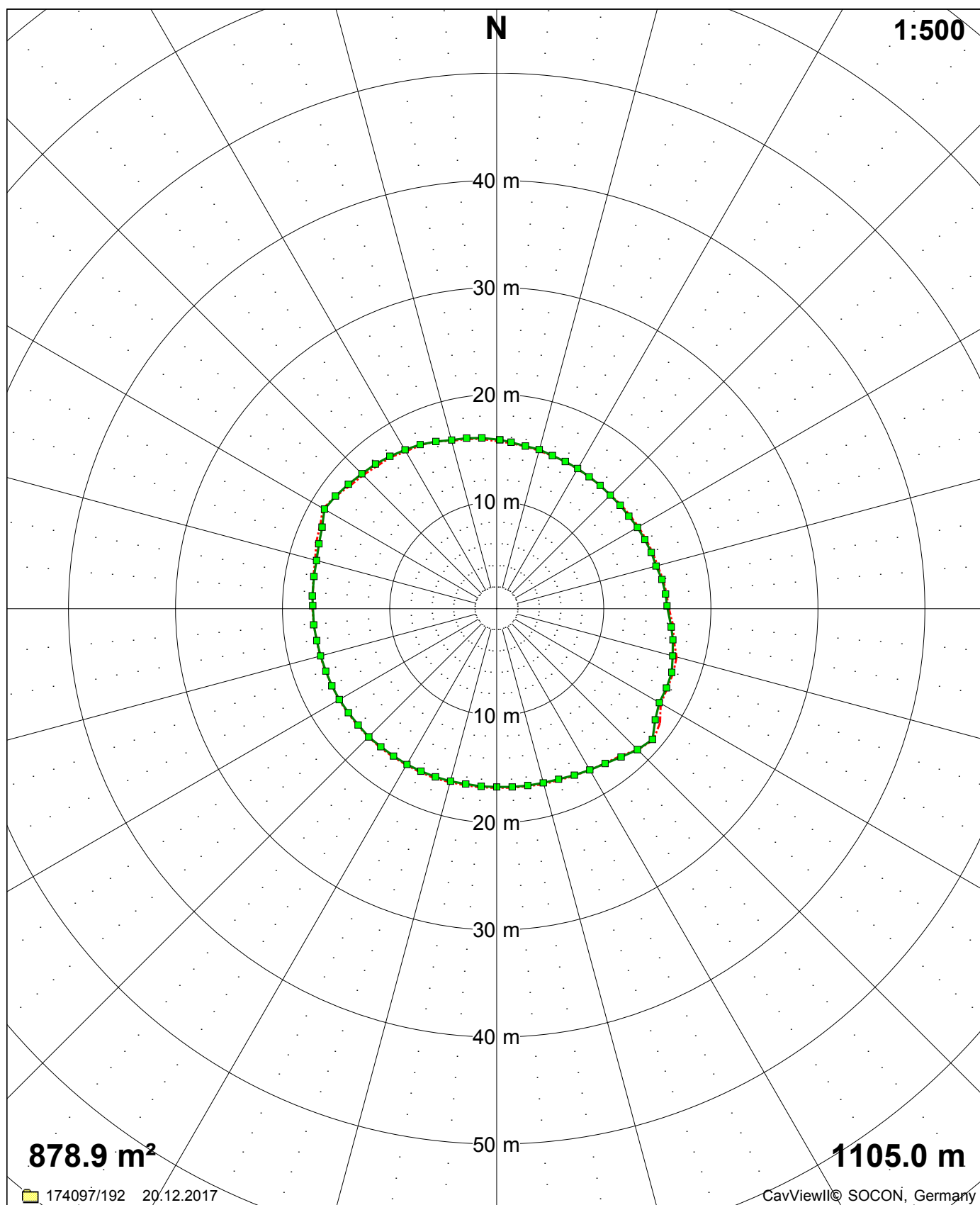
----- (19.05.2014) (872.1 m²)

----- (20.12.2017) (869.6 m²)

d_{max}: 36.7 m 130° <--> 310° r_{min}: 14.9 m -> 37° r~: 16.6 m r_{max}: 18.8 m -> 130°

Heiligerlee K

20.12.2017



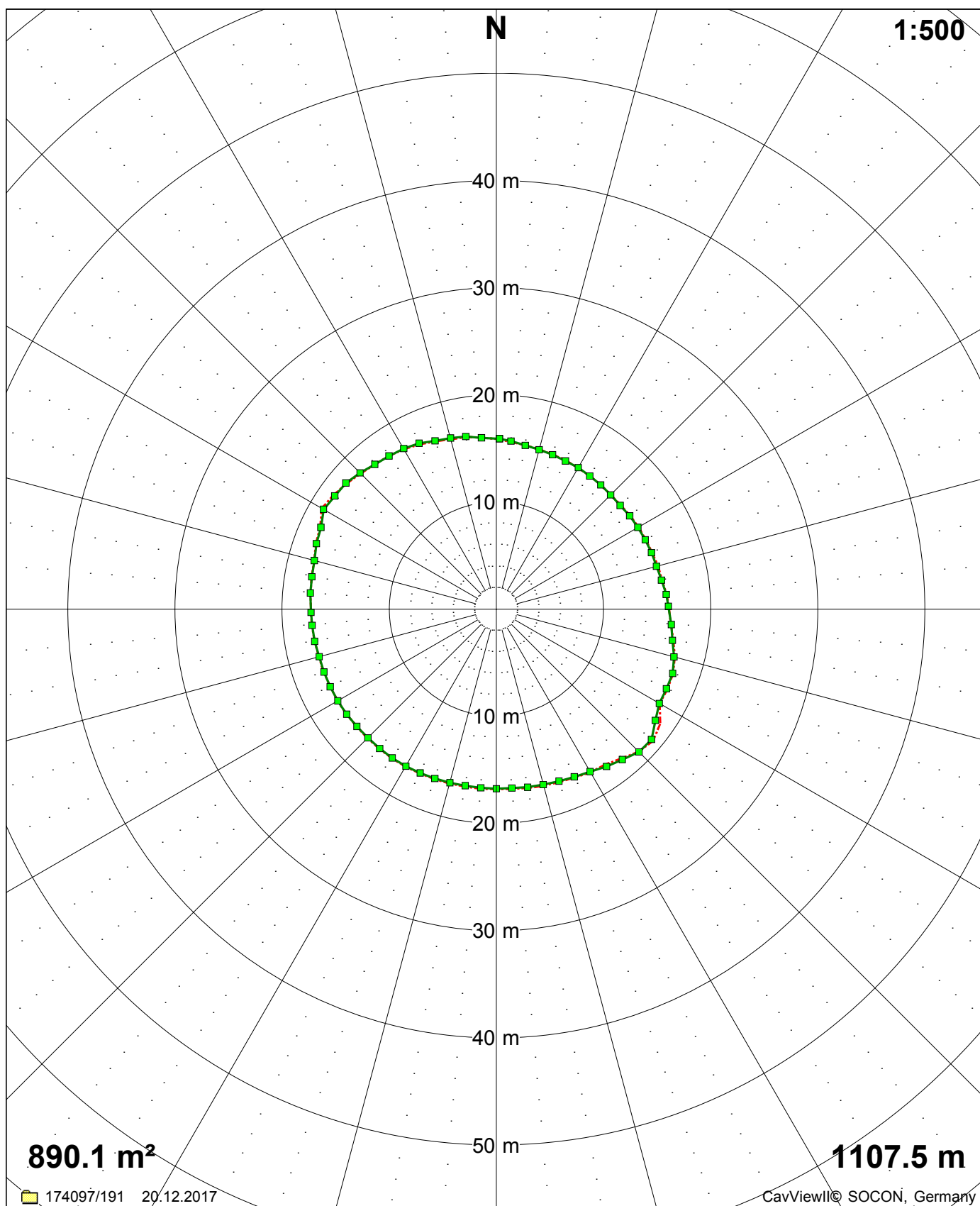
----- (19.05.2014) (883.7 m²)

----- (20.12.2017) (878.9 m²)

d_{max}: 37.1 m 130° <--> 310° r_{min}: 15.0 m -> 43° r~: 16.7 m r_{max}: 19.0 m -> 130°

Heiligerlee K

20.12.2017



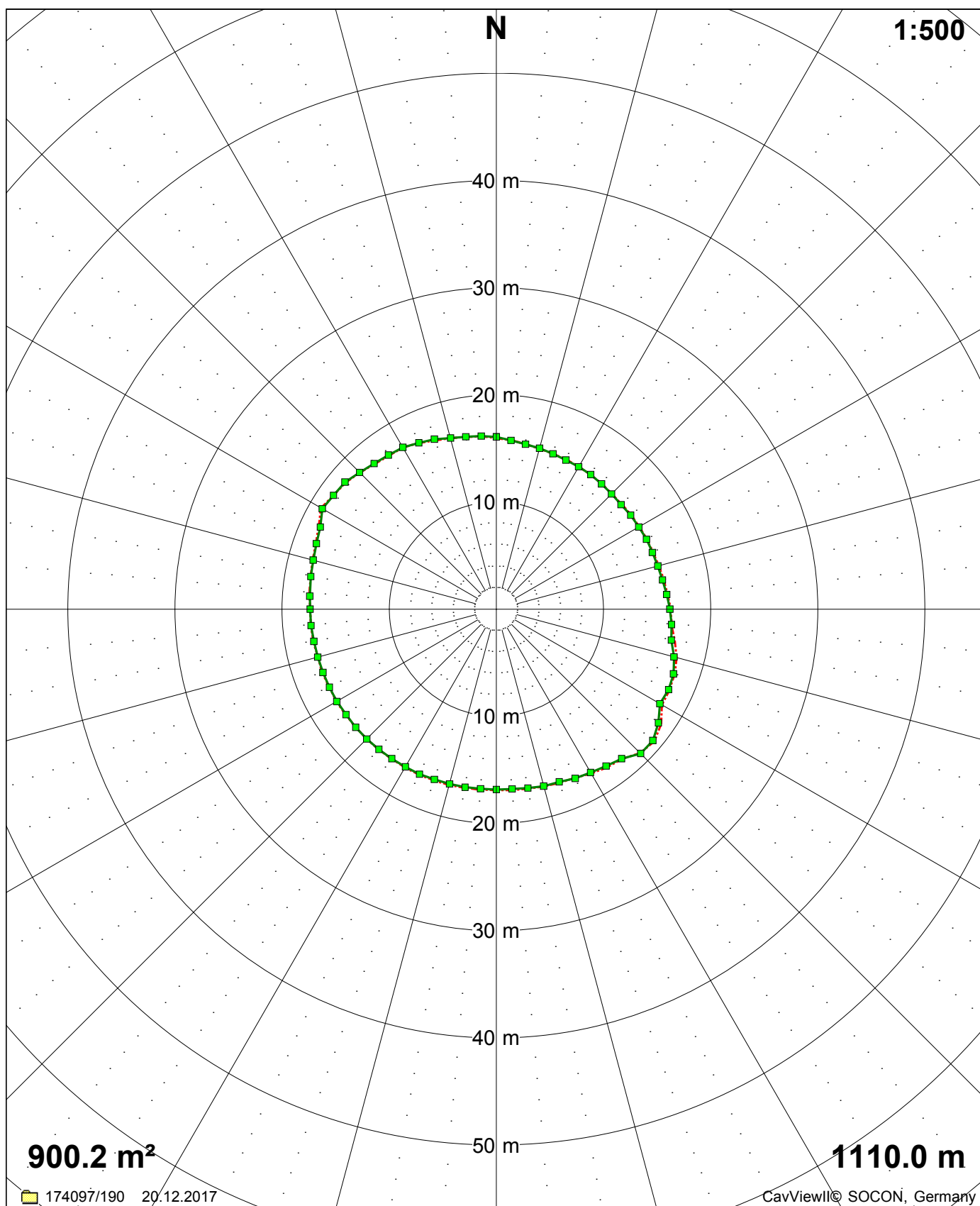
----- (19.05.2014) (893.7 m²)

----- (20.12.2017) (890.1 m²)

d_{max}: 37.2 m 130° <--> 310° r_{min}: 15.1 m -> 47° r~: 16.8 m r_{max}: 18.9 m -> 130°

Heiligerlee K

20.12.2017



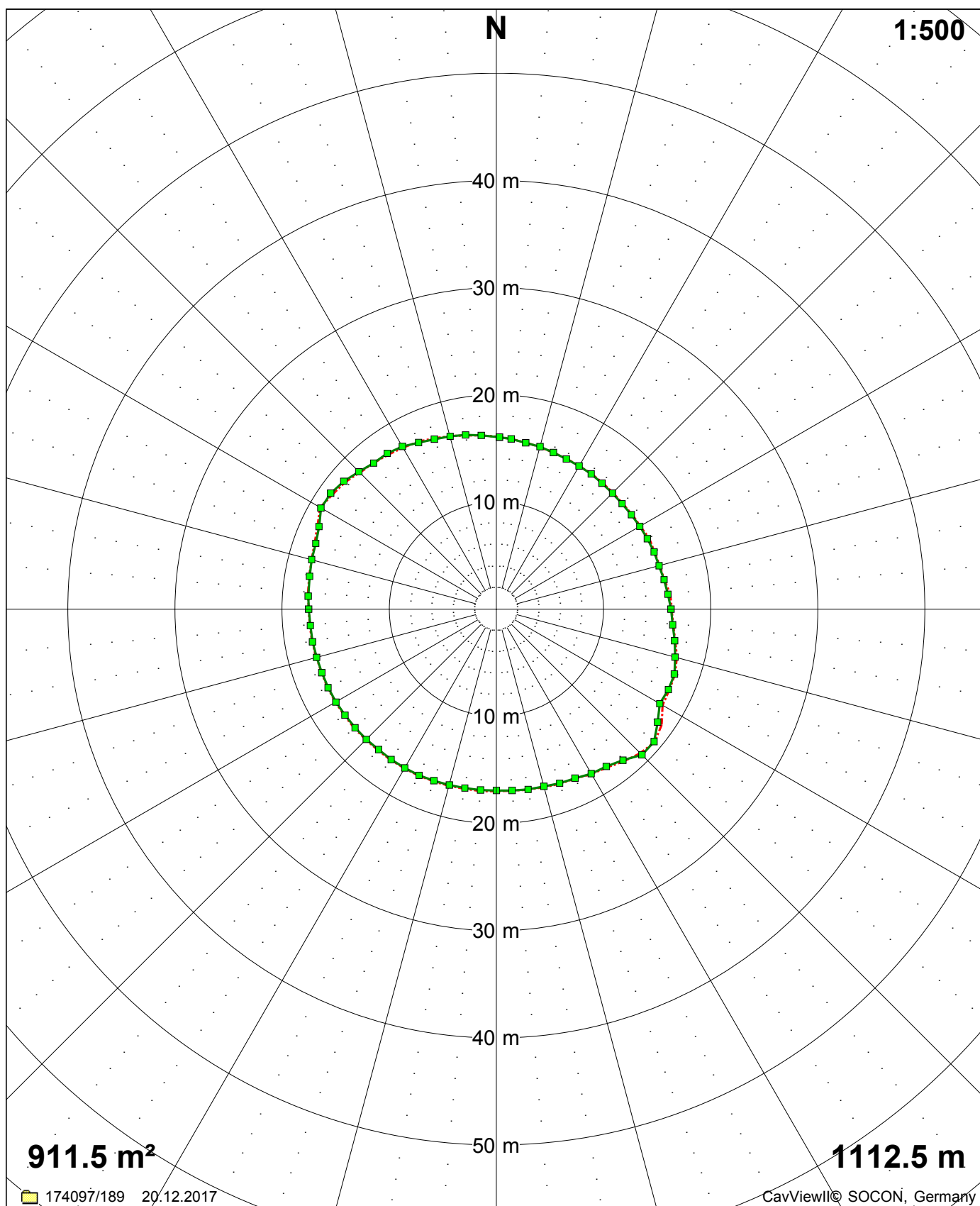
----- (19.05.2014) (905.4 m²)

----- (20.12.2017) (900.2 m²)

d_{max}: 37.5 m 130° <--> 310° r_{min}: 15.2 m -> 47° r~: 16.9 m r_{max}: 19.1 m -> 130°

Heiligerlee K

20.12.2017



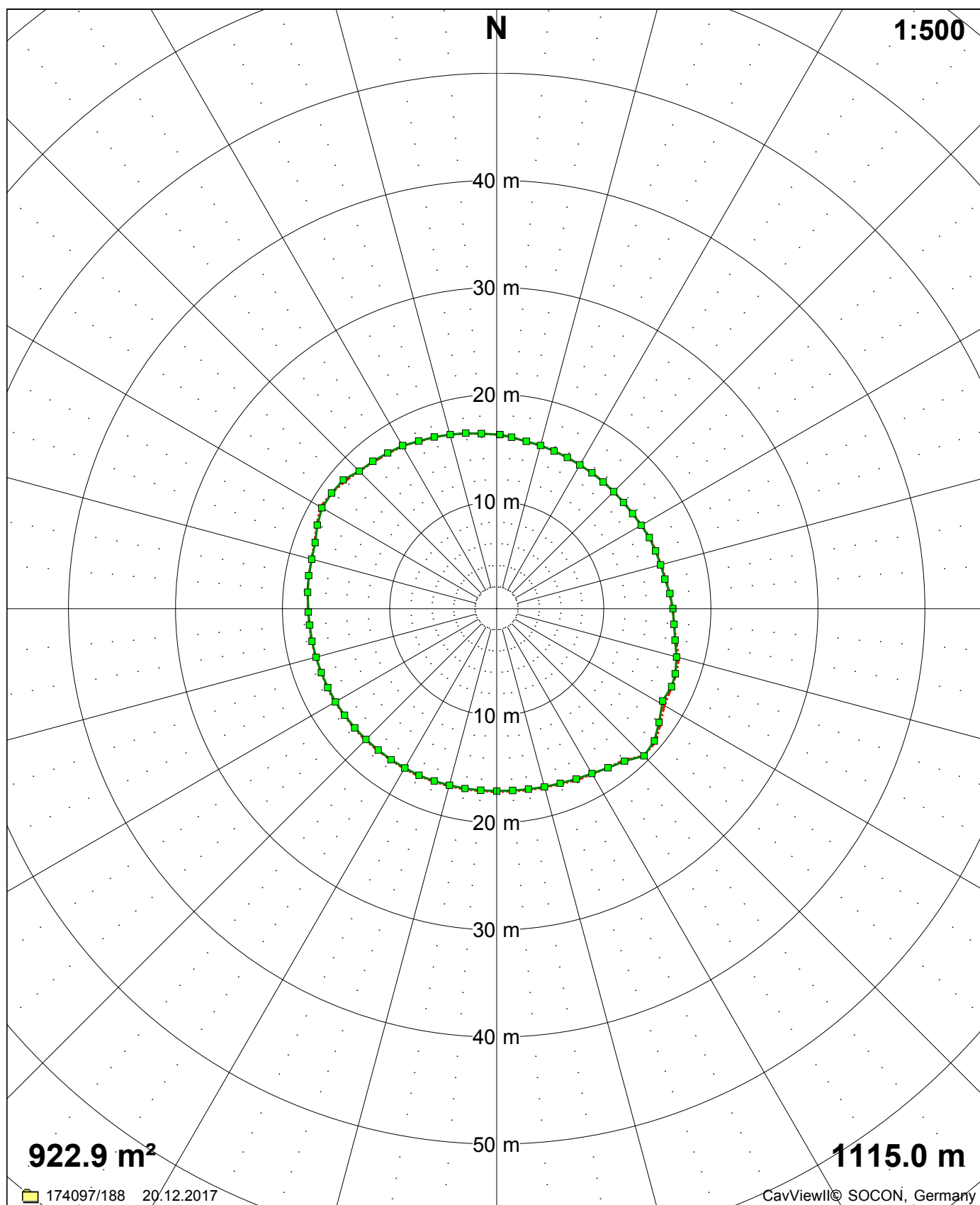
----- (19.05.2014) (916.6 m²)

----- (20.12.2017) (911.5 m²)

$d_{\max}$: 37.8 m 130° <--> 310° $r_{\min}$: 15.3 m -> 47° $r_{\sim}$: 17.0 m $r_{\max}$: 19.2 m -> 135°

Heiligerlee K

20.12.2017



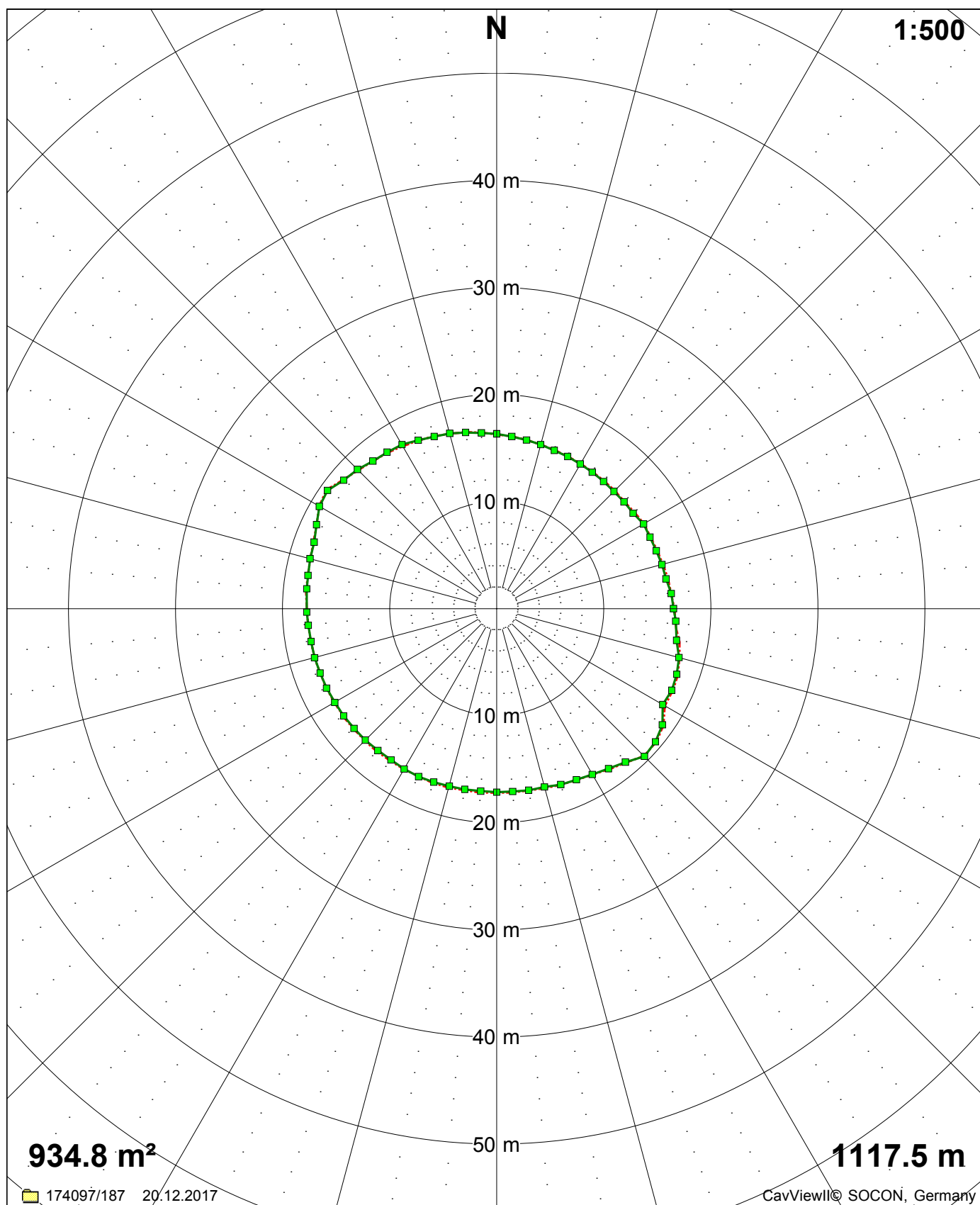
----- (19.05.2014) (927.1 m²)

----- (20.12.2017) (922.9 m²)

$d_{\max}$: 37.9 m 130° <--> 310° $r_{\min}$: 15.4 m -> 47° $r_{\sim}$: 17.1 m $r_{\max}$: 19.4 m -> 135°

Heiligerlee K

20.12.2017



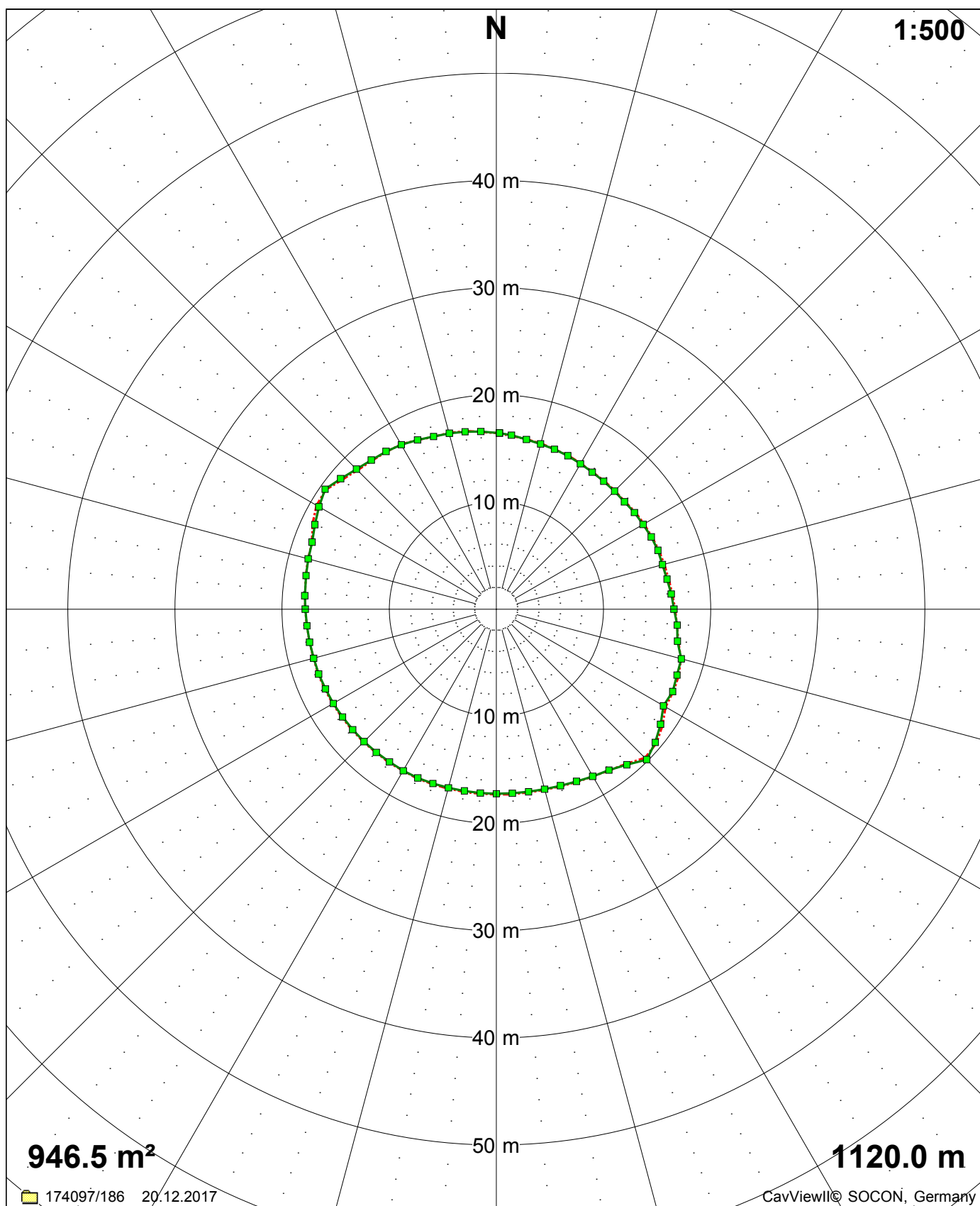
----- (19.05.2014) (939.7 m²)

----- (20.12.2017) (934.8 m²)

$d_{\max}$: 38.2 m 125° <--> 305° $r_{\min}$: 15.5 m -> 42° $r_{\sim}$: 17.2 m $r_{\max}$: 19.5 m -> 135°

Heiligerlee K

20.12.2017



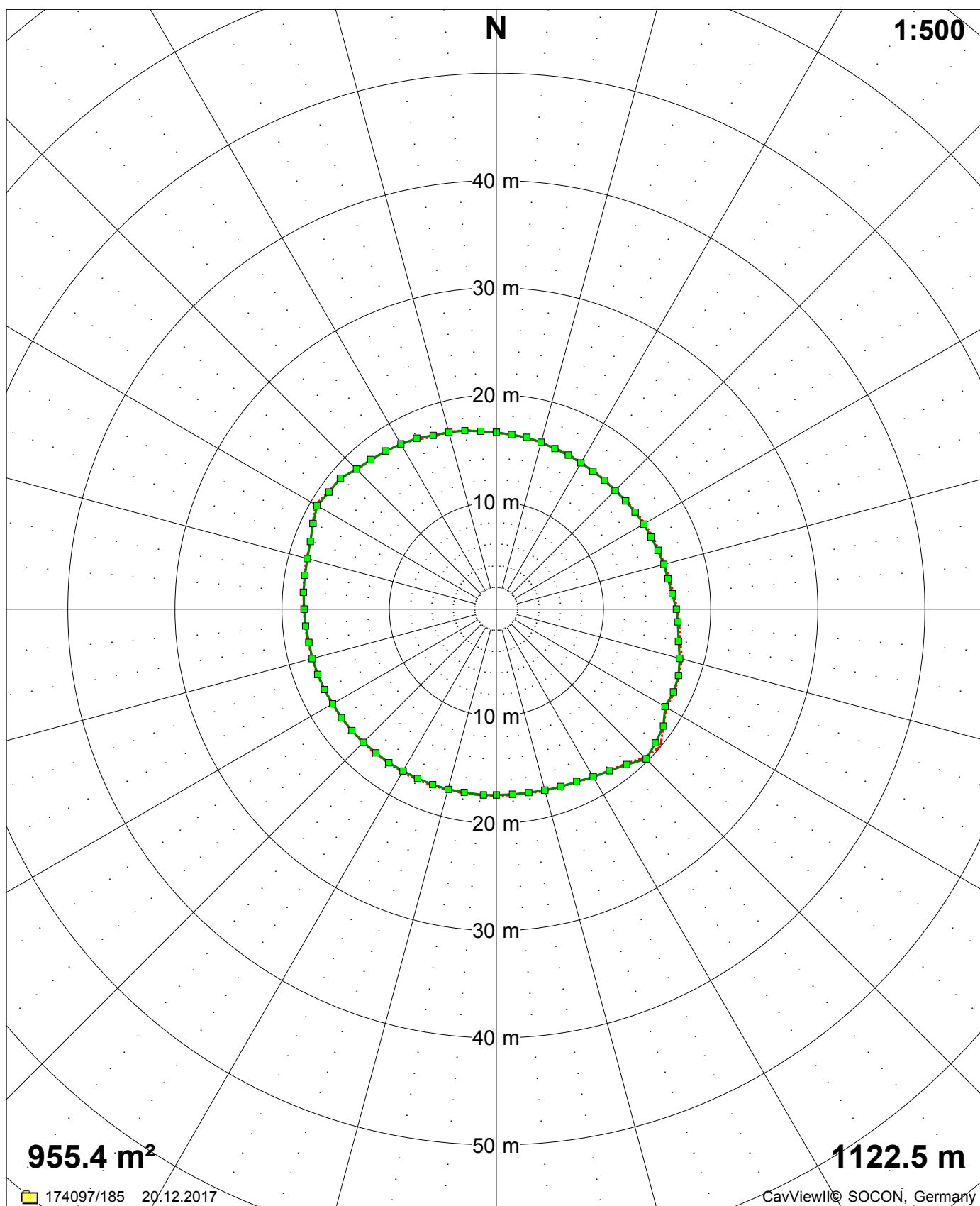
----- (19.05.2014) (951.1 m²)

----- (20.12.2017) (946.5 m²)

$d_{\max}$: 38.3 m 135° <--> 315° $r_{\min}$: 15.6 m -> 41° $r_{\sim}$: 17.4 m $r_{\max}$: 19.8 m -> 135°

Heiligerlee K

20.12.2017



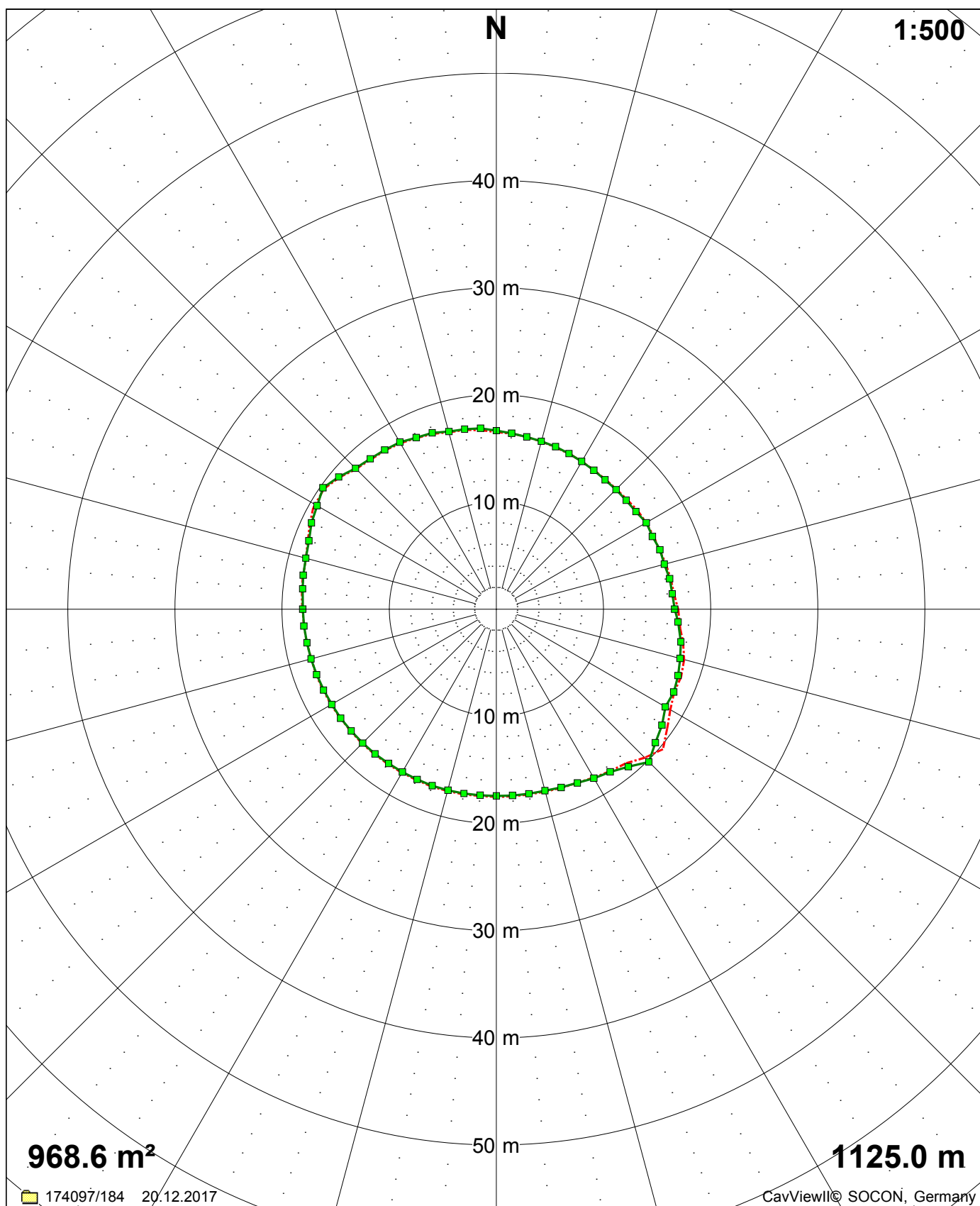
--- (19.05.2014) (961.2 m²)

--- (20.12.2017) (955.4 m²)

$d_{\max}$: 38.4 m 130° <--> 310° $r_{\min}$: 15.7 m -> 43° $r_{\sim}$: 17.4 m $r_{\max}$: 19.8 m -> 135°

Heiligerlee K

20.12.2017



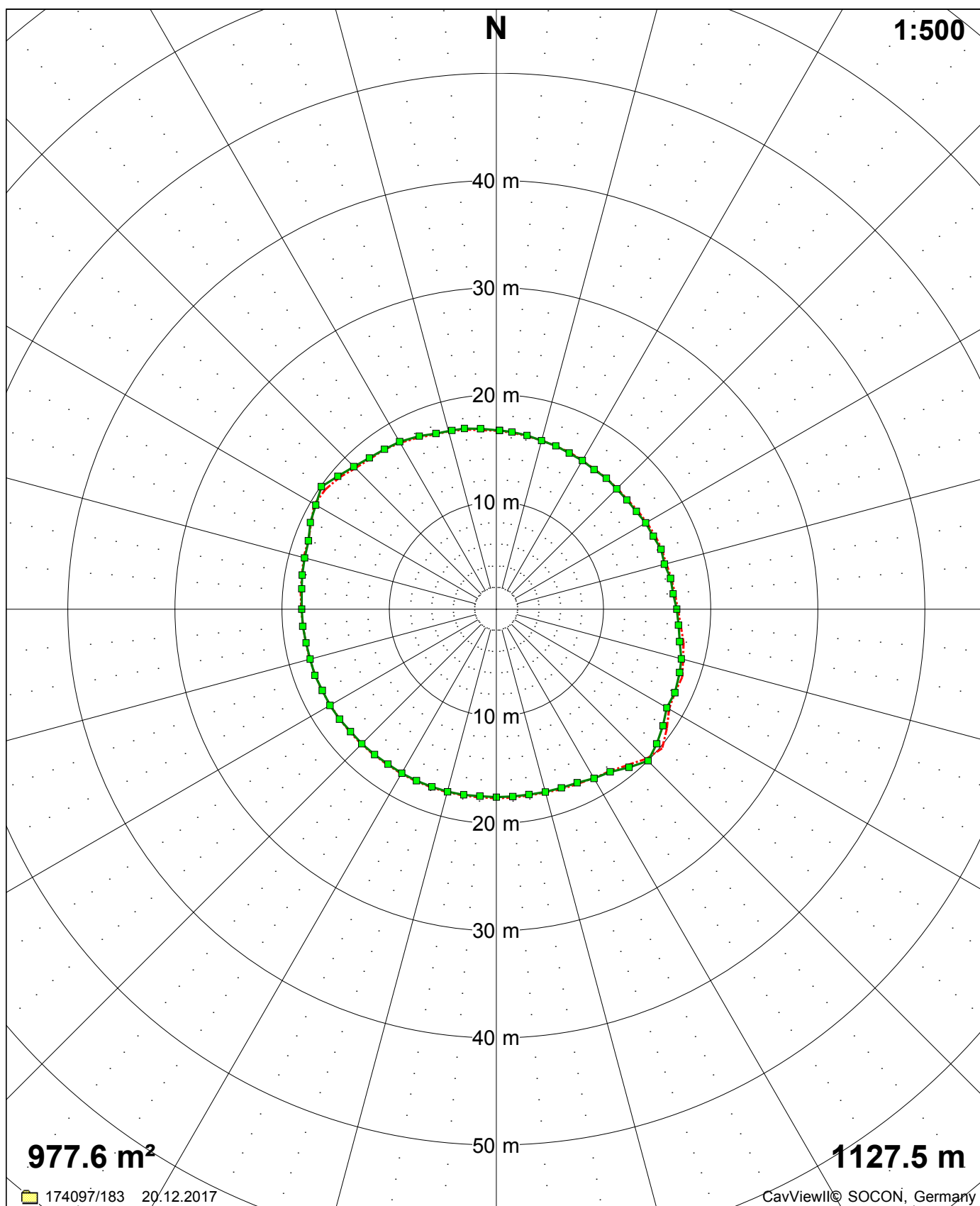
----- (19.05.2014) (974.6 m²)

----- (20.12.2017) (968.6 m²)

d_{max}: 38.7 m 135° <--> 315° r_{min}: 15.7 m -> 41° r~: 17.6 m r_{max}: 20.1 m -> 135°

Heiligerlee K

20.12.2017



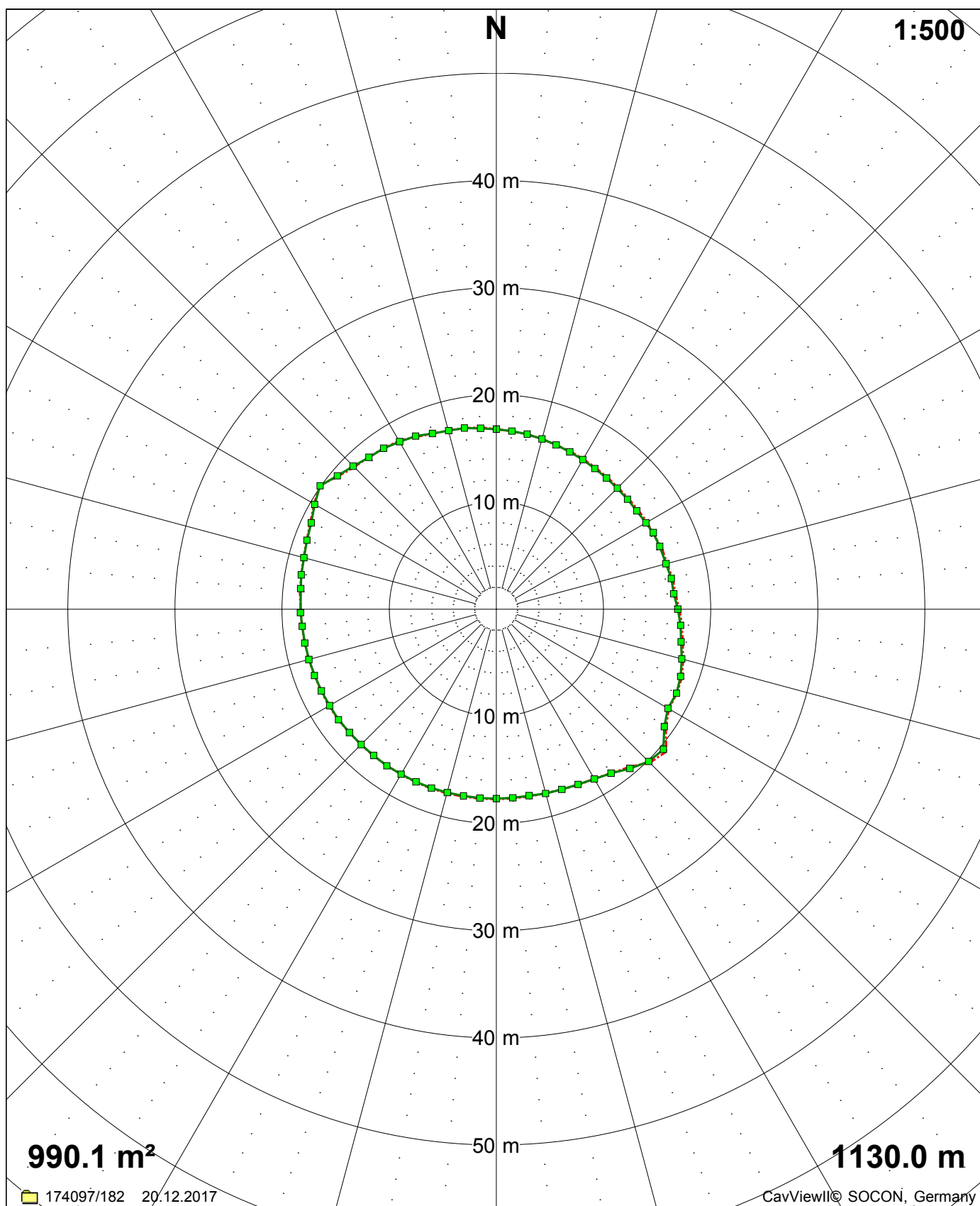
----- (19.05.2014) (982.4 m²)

----- (20.12.2017) (977.6 m²)

$d_{\max}$: 38.9 m 125° <--> 305° $r_{\min}$: 15.9 m -> 46° $r_{\sim}$: 17.6 m $r_{\max}$: 20.0 m -> 135°

Heiligerlee K

20.12.2017



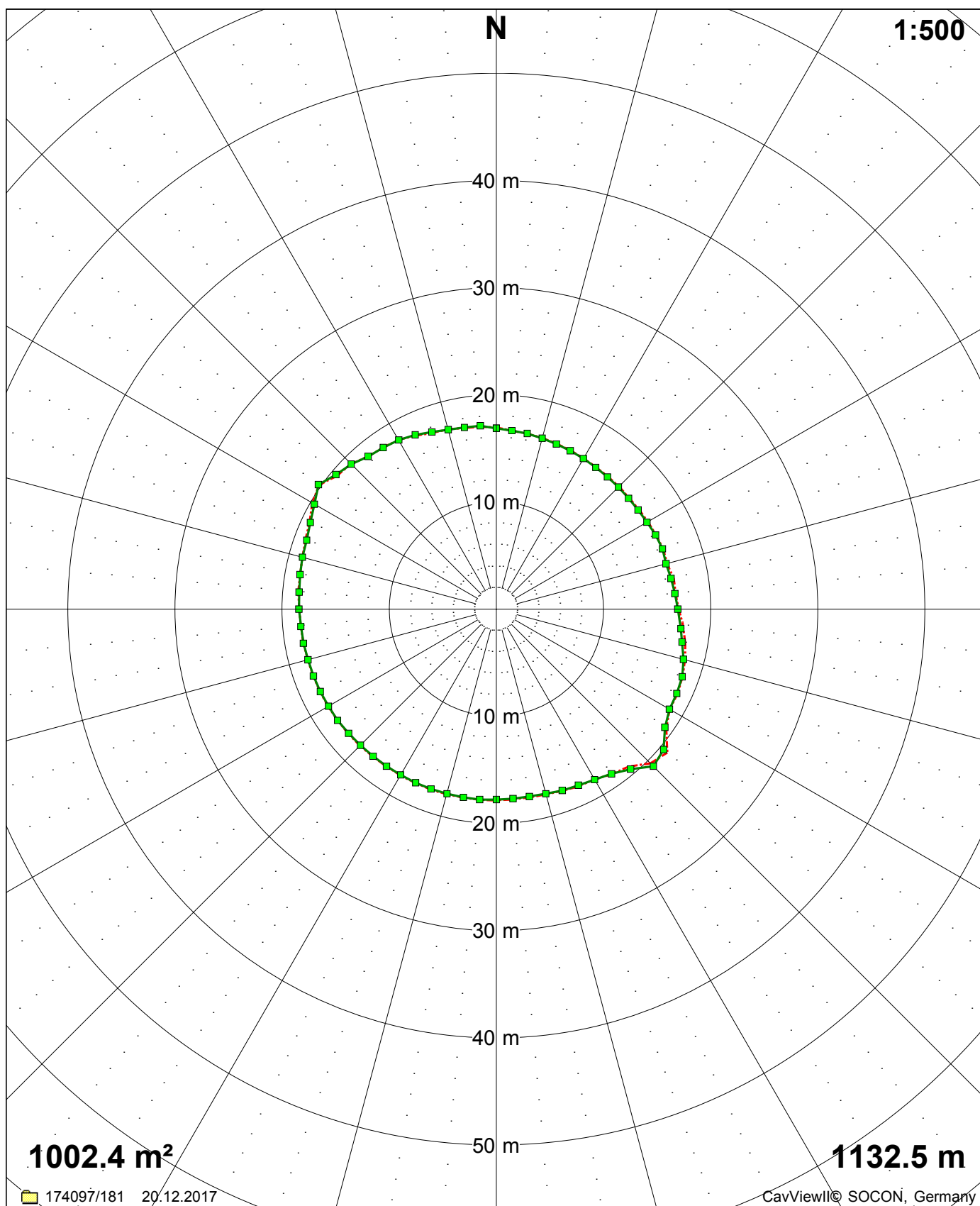
--- (19.05.2014) (995.5 m²)

--- (20.12.2017) (990.1 m²)

$d_{\max}$: 39.7 m 130° <--> 310° $r_{\min}$: 15.9 m -> 46° $r_{\sim}$: 17.8 m $r_{\max}$: 20.3 m -> 130°

Heiligerlee K

20.12.2017



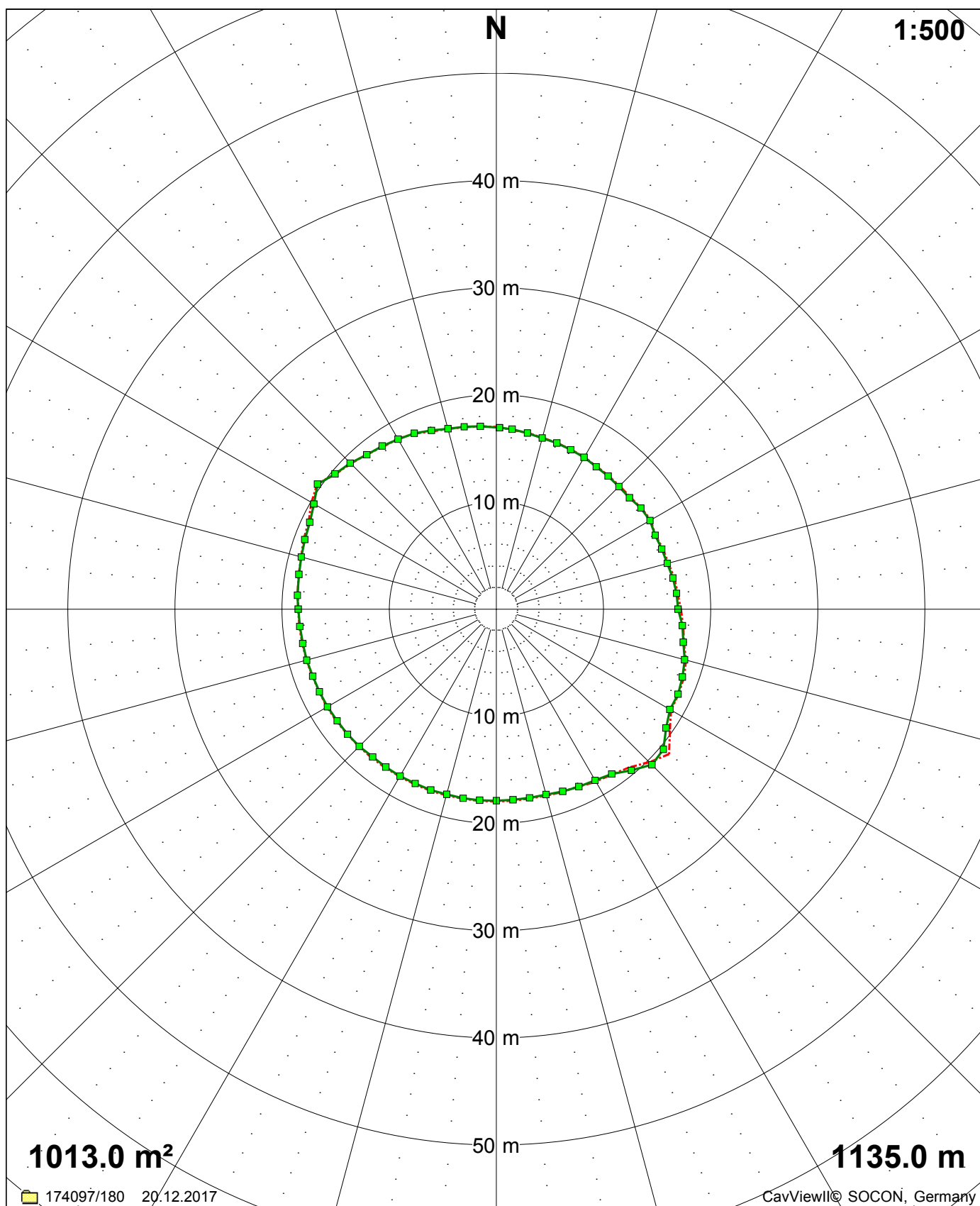
----- (19.05.2014) (1006.8 m²)

----- (20.12.2017) (1002.4 m²)

d_{max}: 39.9 m 130° <--> 310° r_{min}: 16.1 m -> 41° r~: 17.9 m r_{max}: 20.7 m -> 135°

Heiligerlee K

20.12.2017



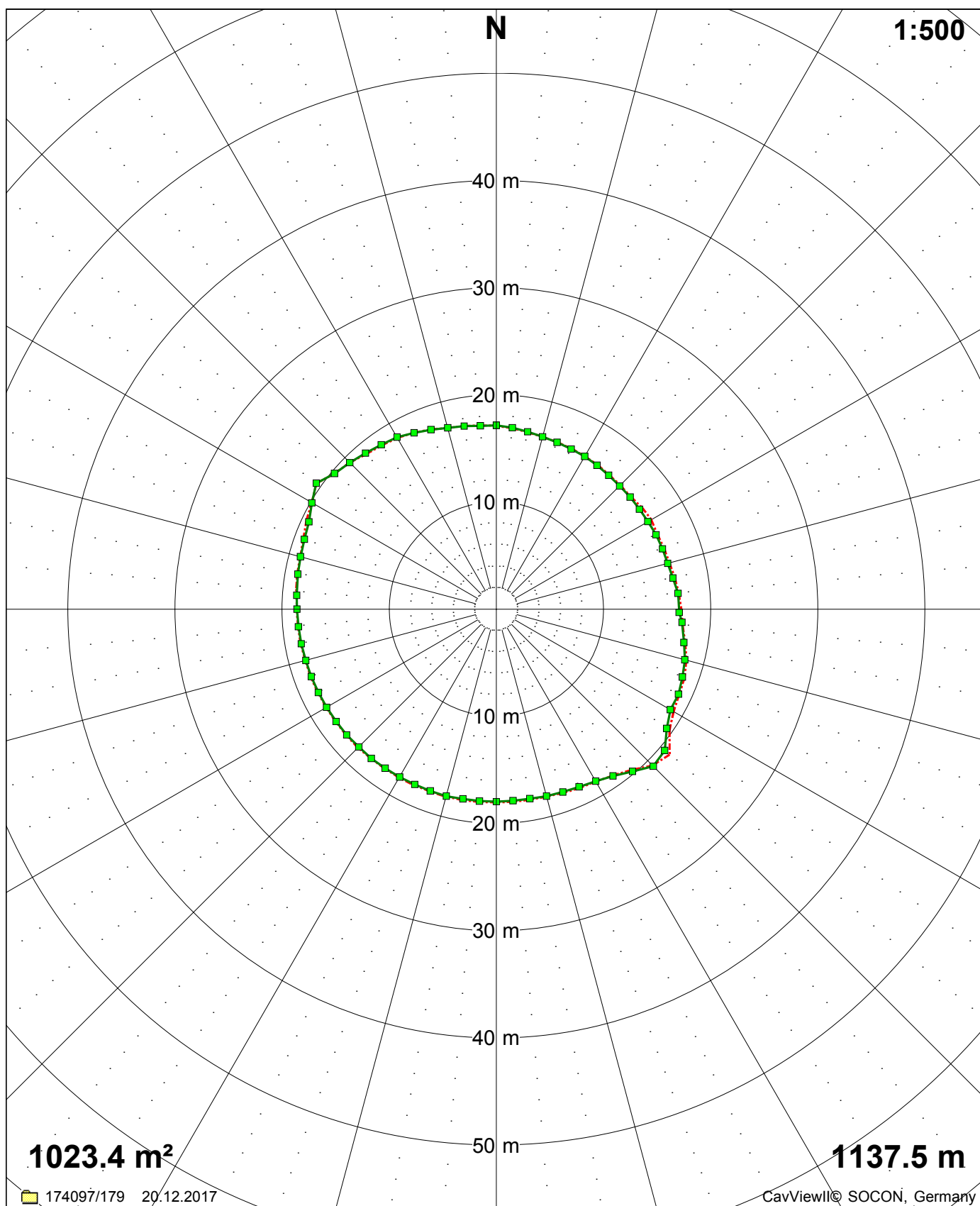
----- (19.05.2014) (1019.2 m²)

----- (20.12.2017) (1013.0 m²)

d_{max}: 40.0 m 130° <--> 310° r_{min}: 16.2 m -> 45° r~: 18.0 m r_{max}: 20.5 m -> 135°

Heiligerlee K

20.12.2017



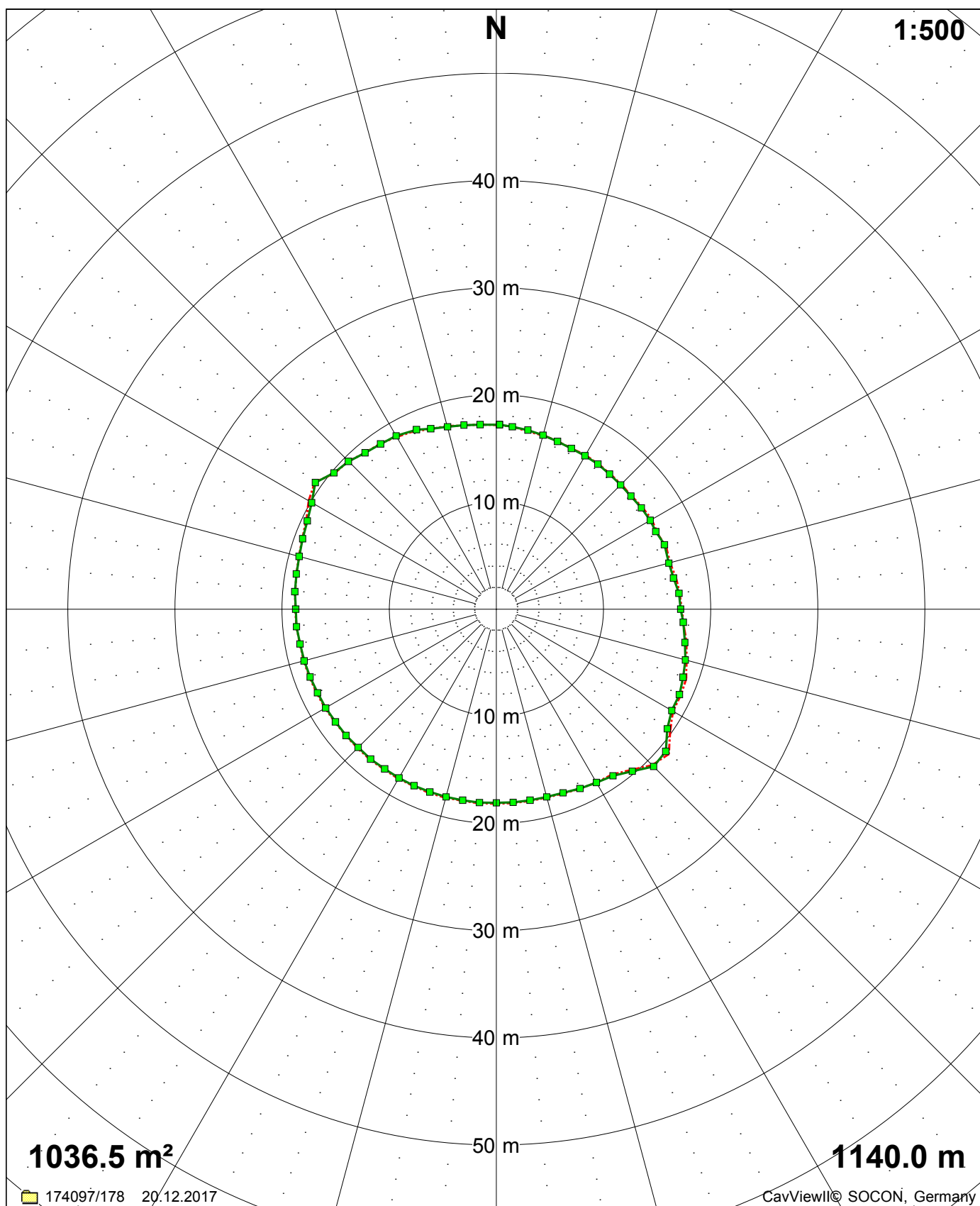
----- (19.05.2014) (1032.1 m²)

----- (20.12.2017) (1023.4 m²)

$d_{\max}$: 40.2 m 130° <--> 310° $r_{\min}$: 16.3 m -> 46° $r_{\sim}$: 18.0 m $r_{\max}$: 20.7 m -> 135°

Heiligerlee K

20.12.2017



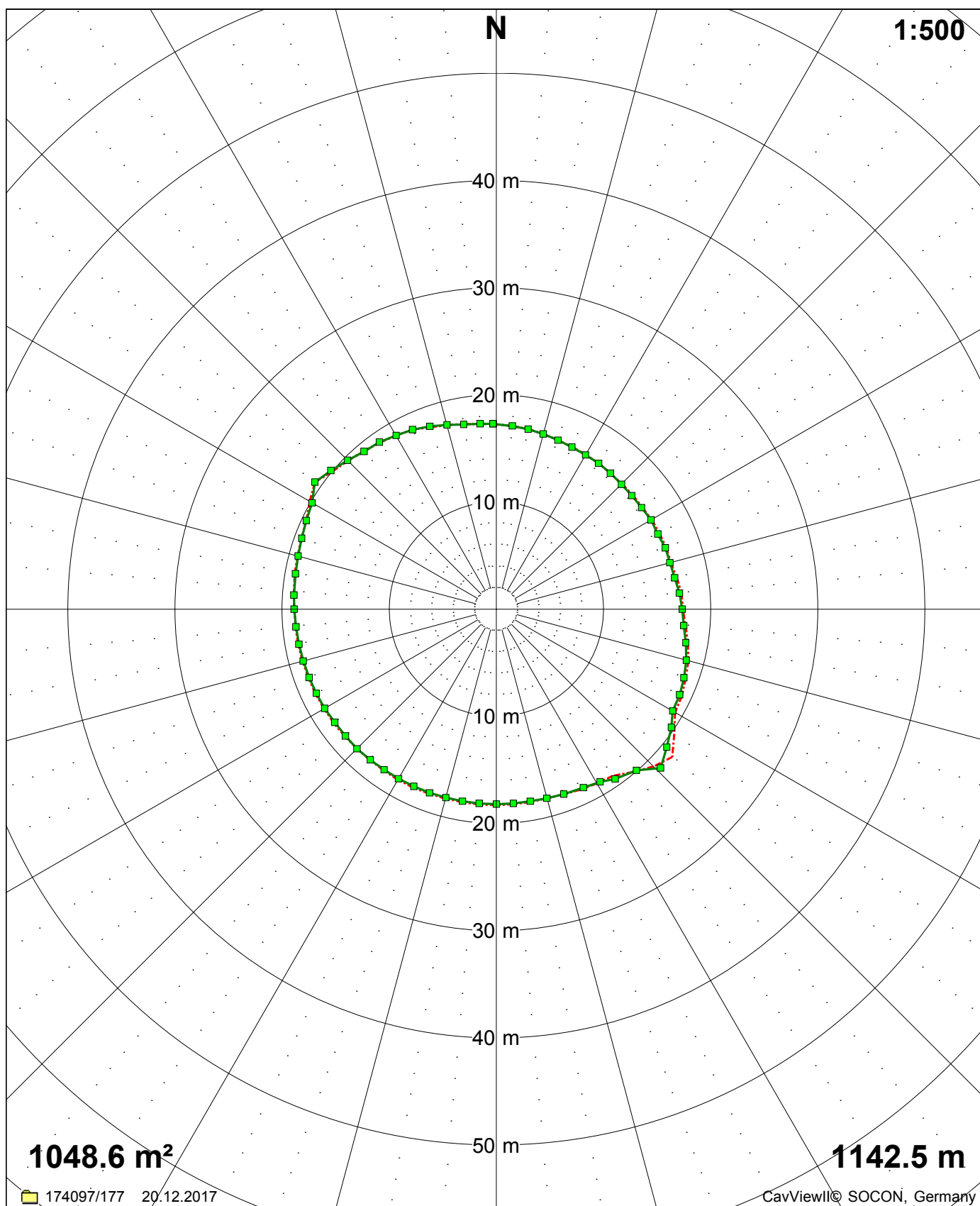
----- (19.05.2014) (1042.6 m²)

----- (20.12.2017) (1036.5 m²)

d_{max}: 40.4 m 130° <--> 310° r_{min}: 16.4 m -> 46° r~: 18.2 m r_{max}: 20.7 m -> 135°

Heiligerlee K

20.12.2017



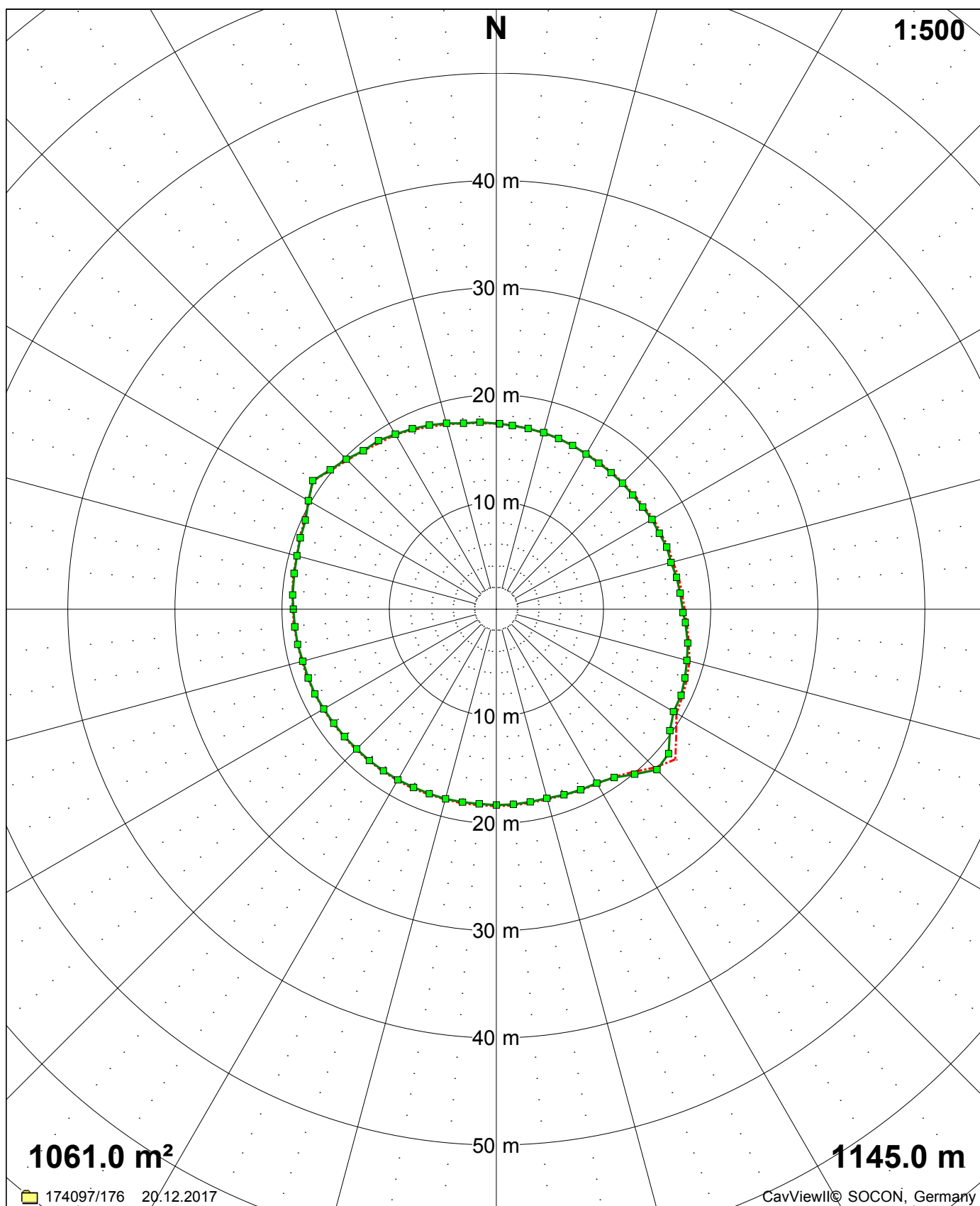
----- (19.05.2014) (1056.0 m²)

----- (20.12.2017) (1048.6 m²)

$d_{\max}$: 41.0 m 134° <--> 314° $r_{\min}$: 16.5 m -> 46° $r_{\sim}$: 18.3 m $r_{\max}$: 21.3 m -> 134°

Heiligerlee K

20.12.2017



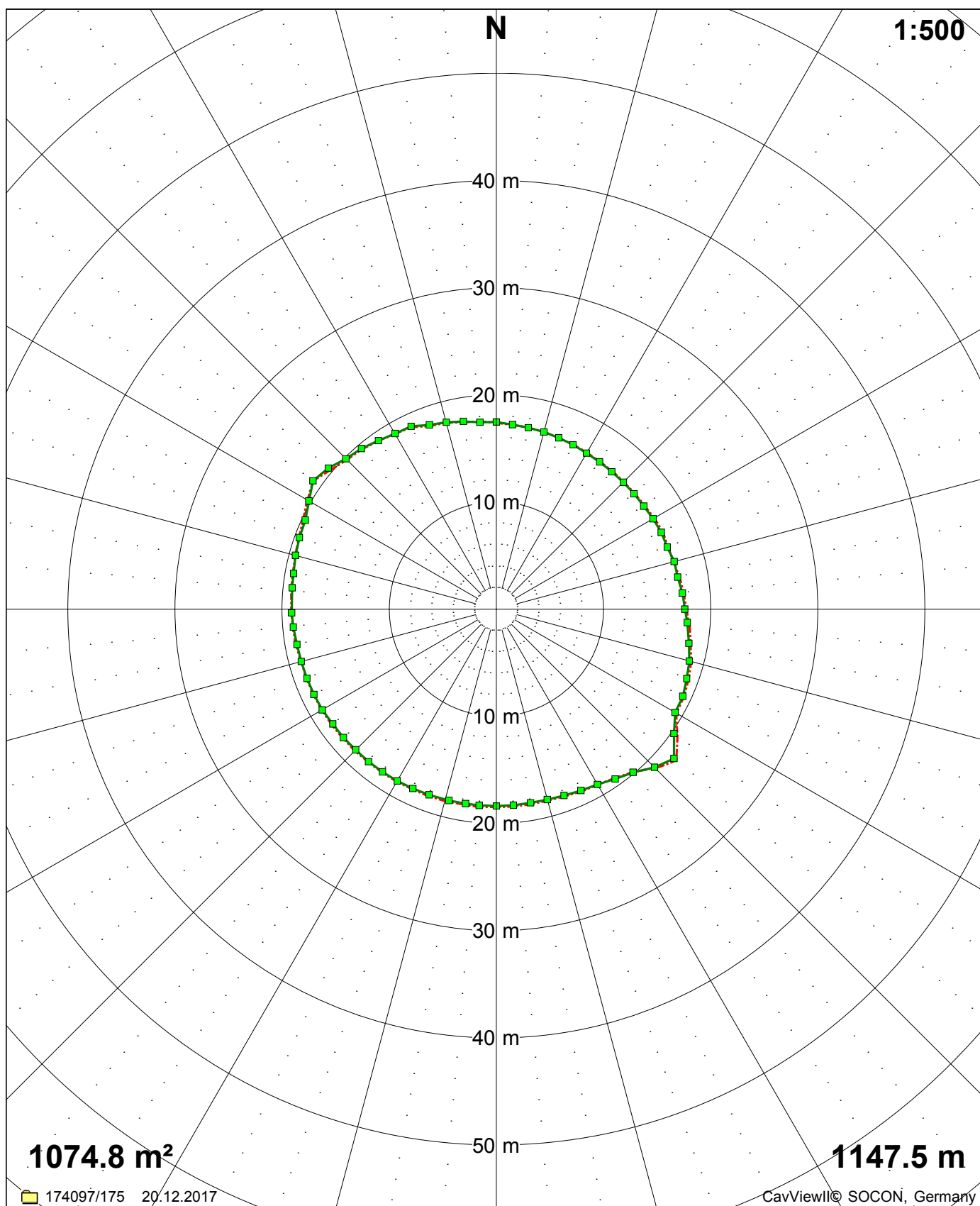
----- (19.05.2014) (1068.6 m²)

----- (20.12.2017) (1061.0 m²)

$d_{\max}$: 41.2 m 130° <--> 310° $r_{\min}$: 16.6 m -> 47° $r_{\sim}$: 18.4 m $r_{\max}$: 21.2 m -> 135°

Heiligerlee K

20.12.2017



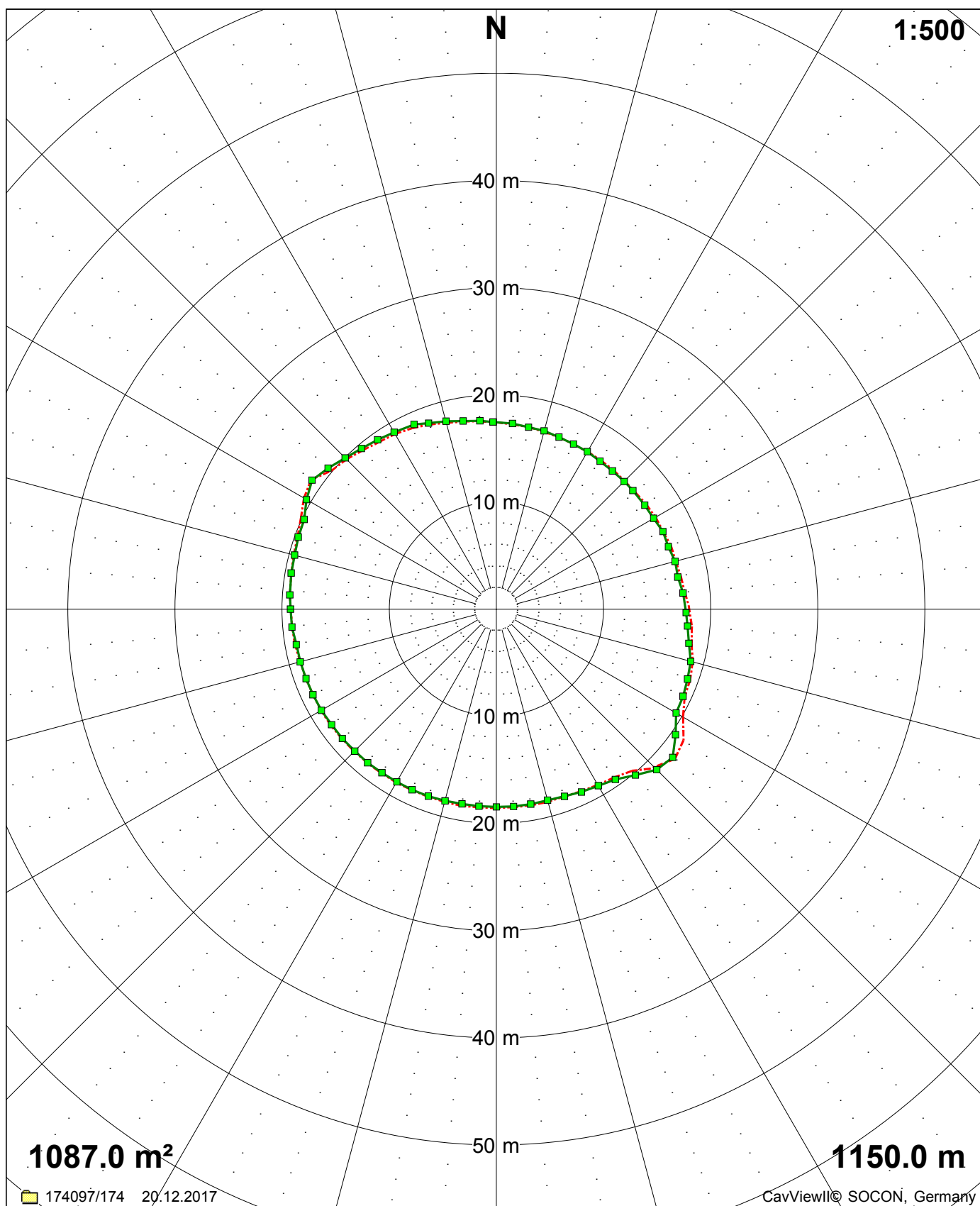
--- (19.05.2014) (1082.6 m²)

--- (20.12.2017) (1074.8 m²)

d_{max}: 42.1 m 130° <--> 310° r_{min}: 16.7 m -> 41° r~: 18.5 m r_{max}: 21.6 m -> 130°

Heiligerlee K

20.12.2017



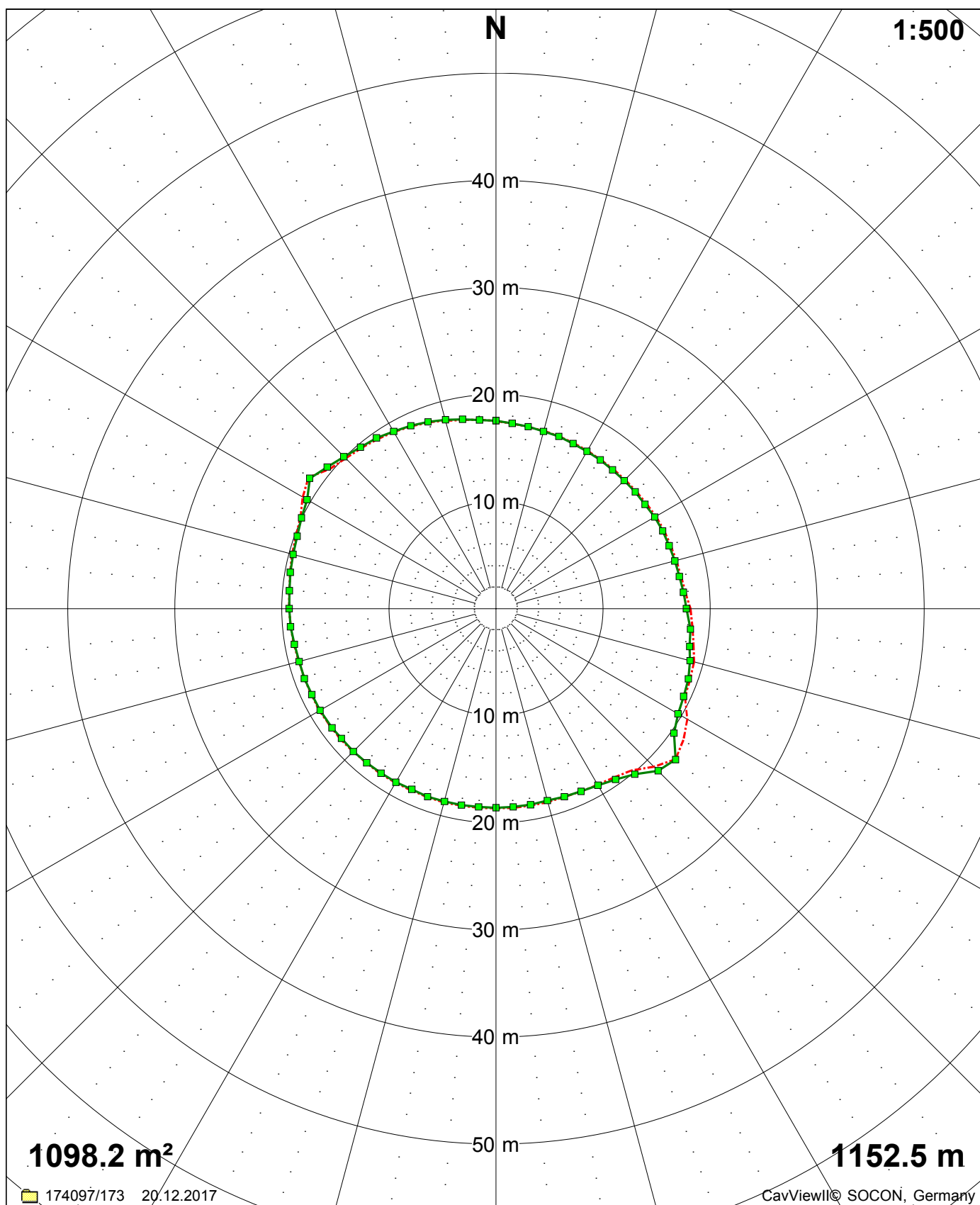
----- (19.05.2014) (1093.6 m²)

----- (20.12.2017) (1087.0 m²)

$d_{\max}$: 42.0 m 130° <--> 310° $r_{\min}$: 16.8 m -> 37° $r_{\sim}$: 18.6 m $r_{\max}$: 21.5 m -> 130°

Heiligerlee K

20.12.2017



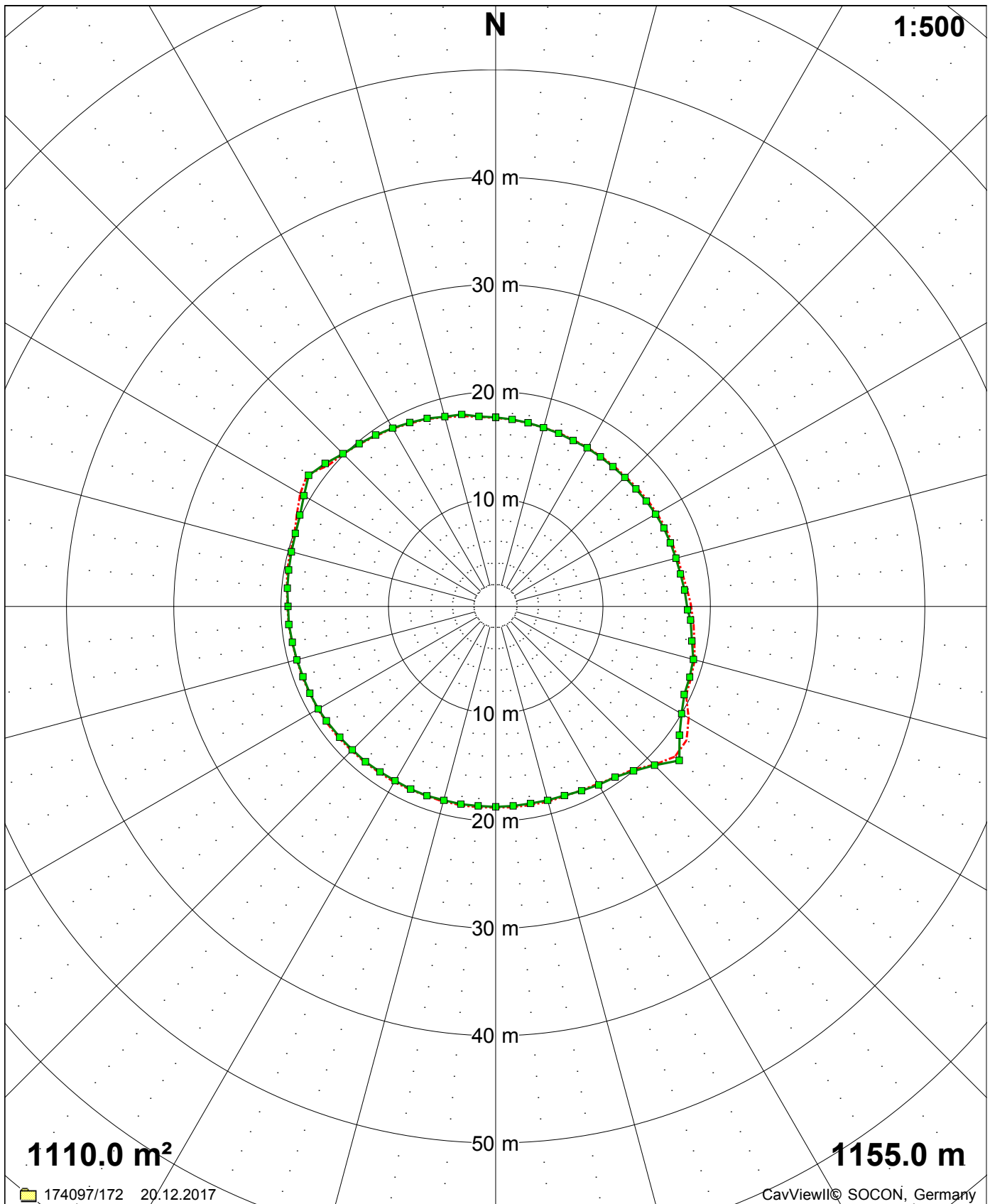
----- (19.05.2014) (1106.6 m²)

----- (20.12.2017) (1098.2 m²)

$d_{\max}$: 42.5 m 130° <--> 310° $r_{\min}$: 16.9 m -> 41° $r_{\sim}$: 18.7 m $r_{\max}$: 21.9 m -> 130°

Heiligerlee K

20.12.2017



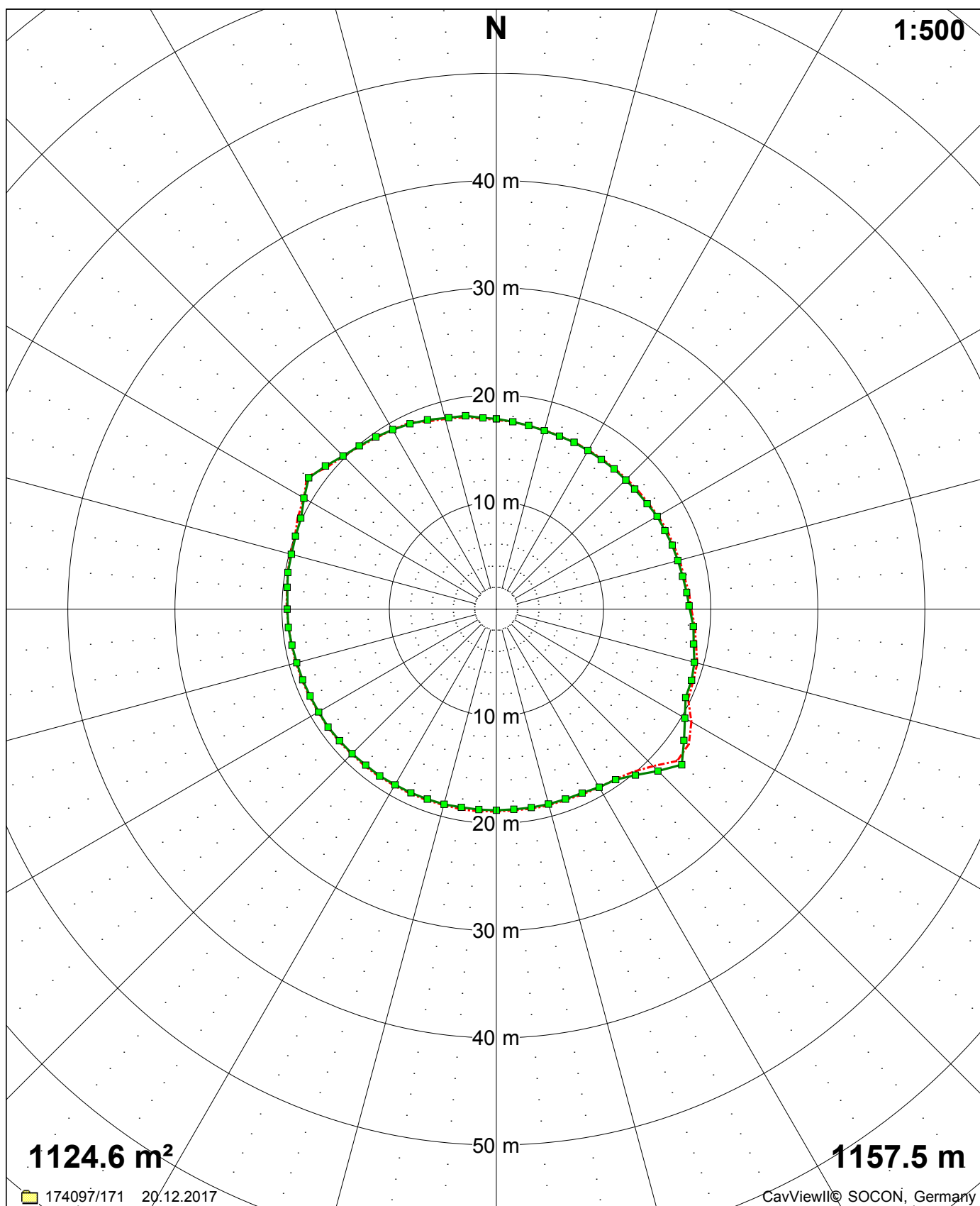
----- (19.05.2014) (1119.5 m²)

----- (20.12.2017) (1110.0 m²)

$d_{\max}$: 43.0 m 130° <--> 310° $r_{\min}$: 17.0 m -> 37° $r_{\sim}$: 18.8 m $r_{\max}$: 22.3 m -> 130°

Heiligerlee K

20.12.2017



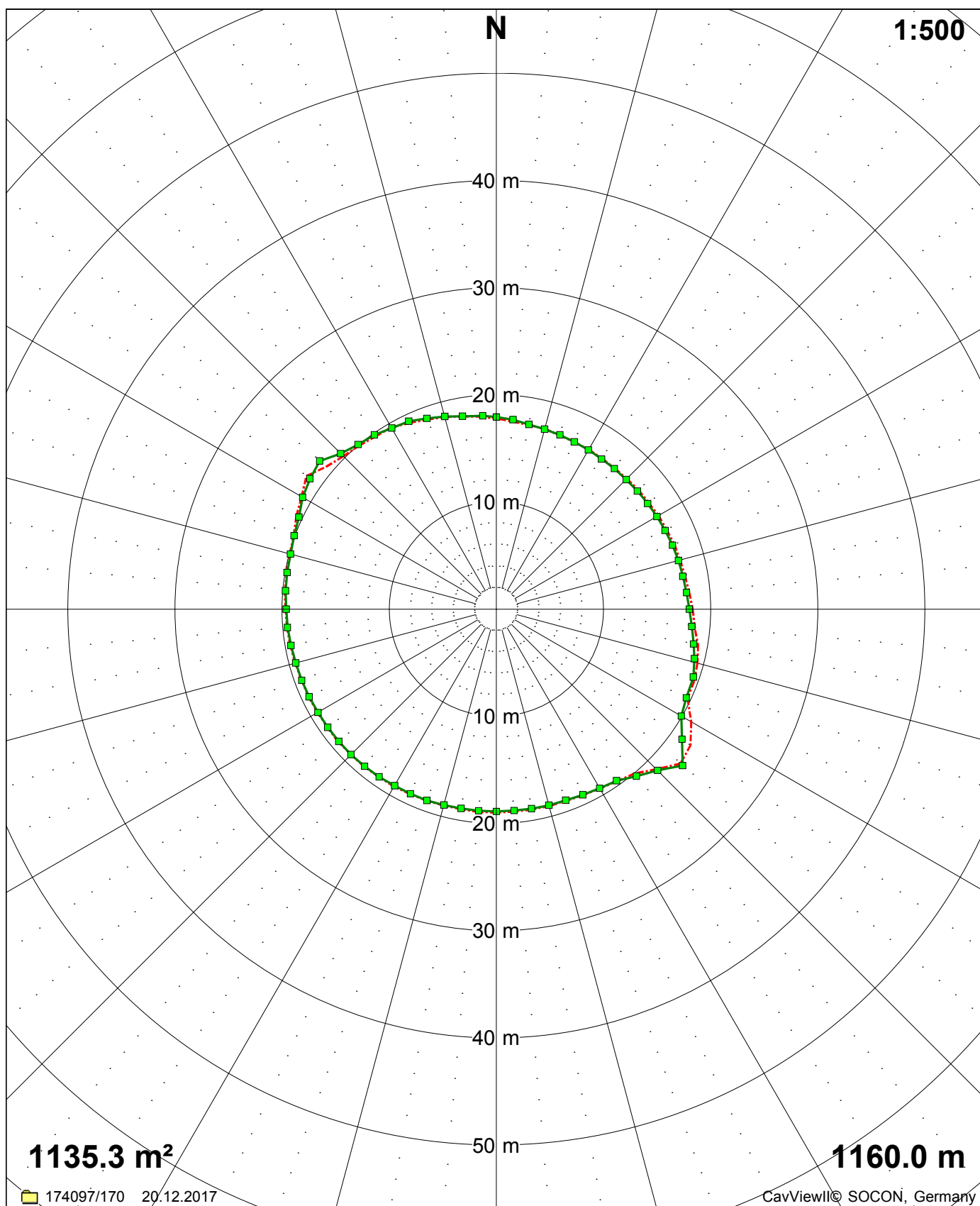
----- (19.05.2014) (1131.6 m²)

----- (20.12.2017) (1124.6 m²)

d_{max}: 43.4 m 130° <--> 310° r_{min}: 17.0 m -> 36° r~: 18.9 m r_{max}: 22.6 m -> 130°

Heiligerlee K

20.12.2017



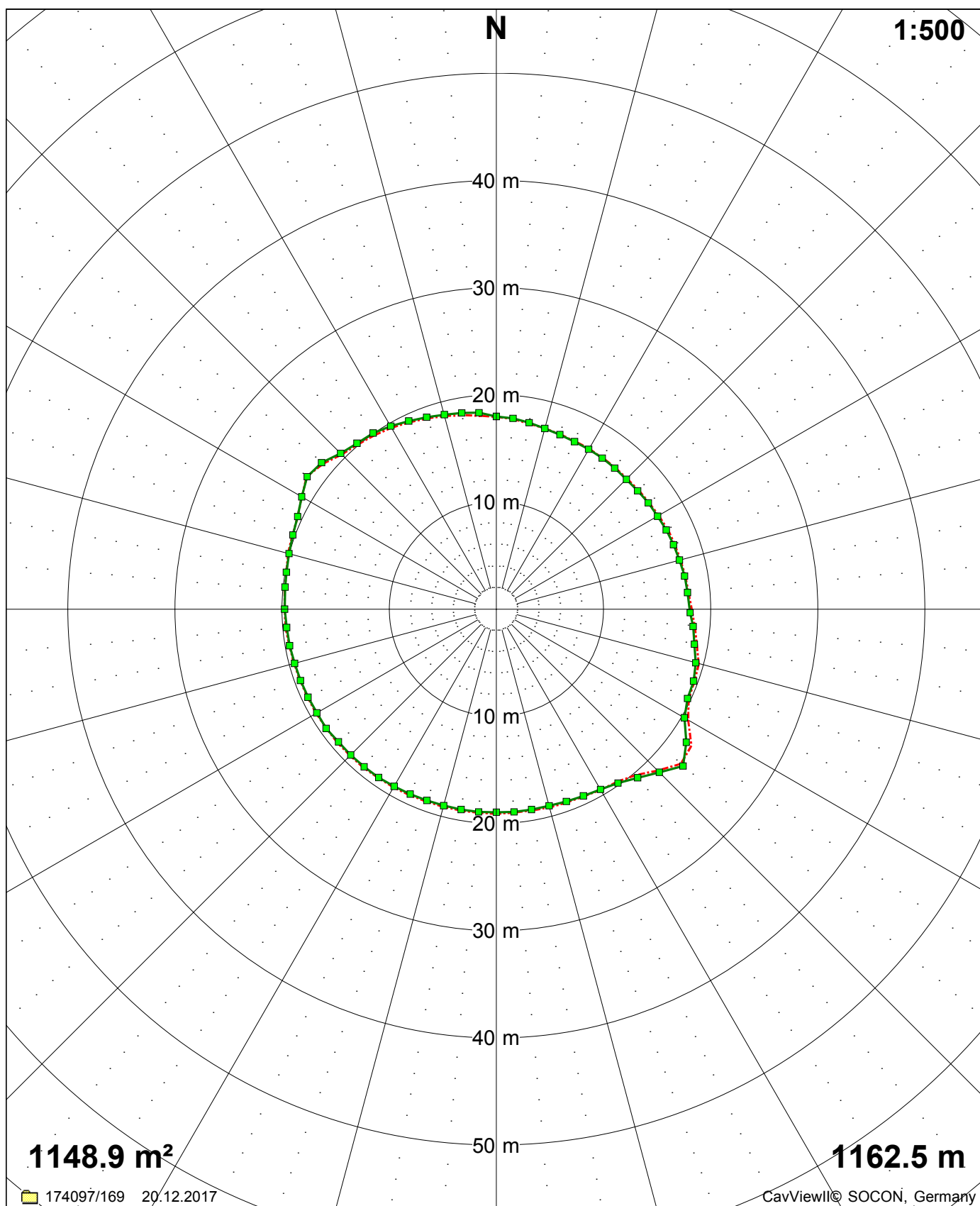
----- (19.05.2014) (1143.1 m²)

----- (20.12.2017) (1135.3 m²)

$d_{\max}$: 44.2 m 130° <--> 310° $r_{\min}$: 17.1 m -> 36° $r_{\sim}$: 19.0 m $r_{\max}$: 22.7 m -> 130°

Heiligerlee K

20.12.2017



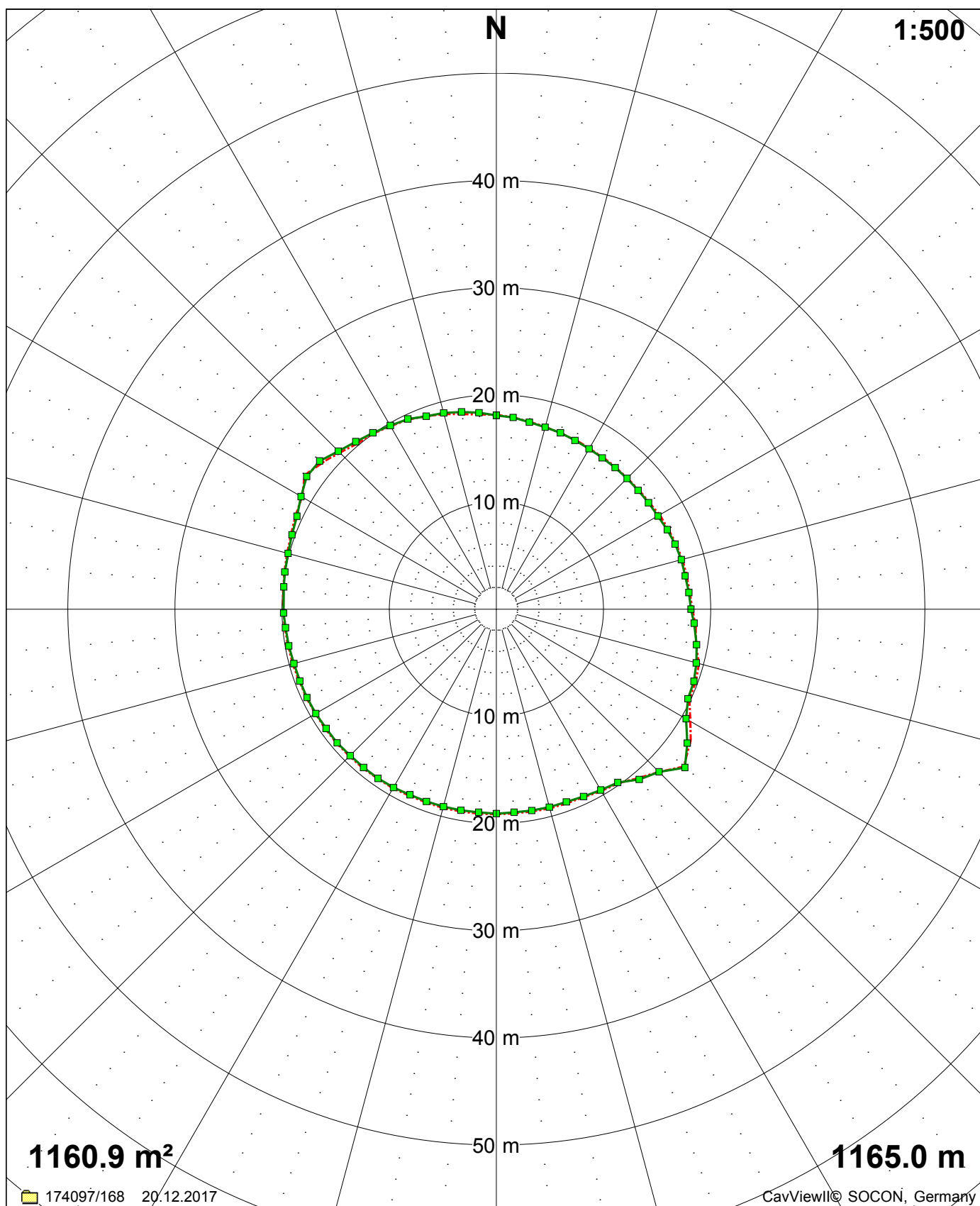
----- (19.05.2014) (1153.1 m²)

----- (20.12.2017) (1148.9 m²)

$d_{\max}$: 44.0 m 130° <--> 310° $r_{\min}$: 17.1 m -> 43° $r_{\sim}$: 19.1 m $r_{\max}$: 22.7 m -> 130°

Heiligerlee K

20.12.2017



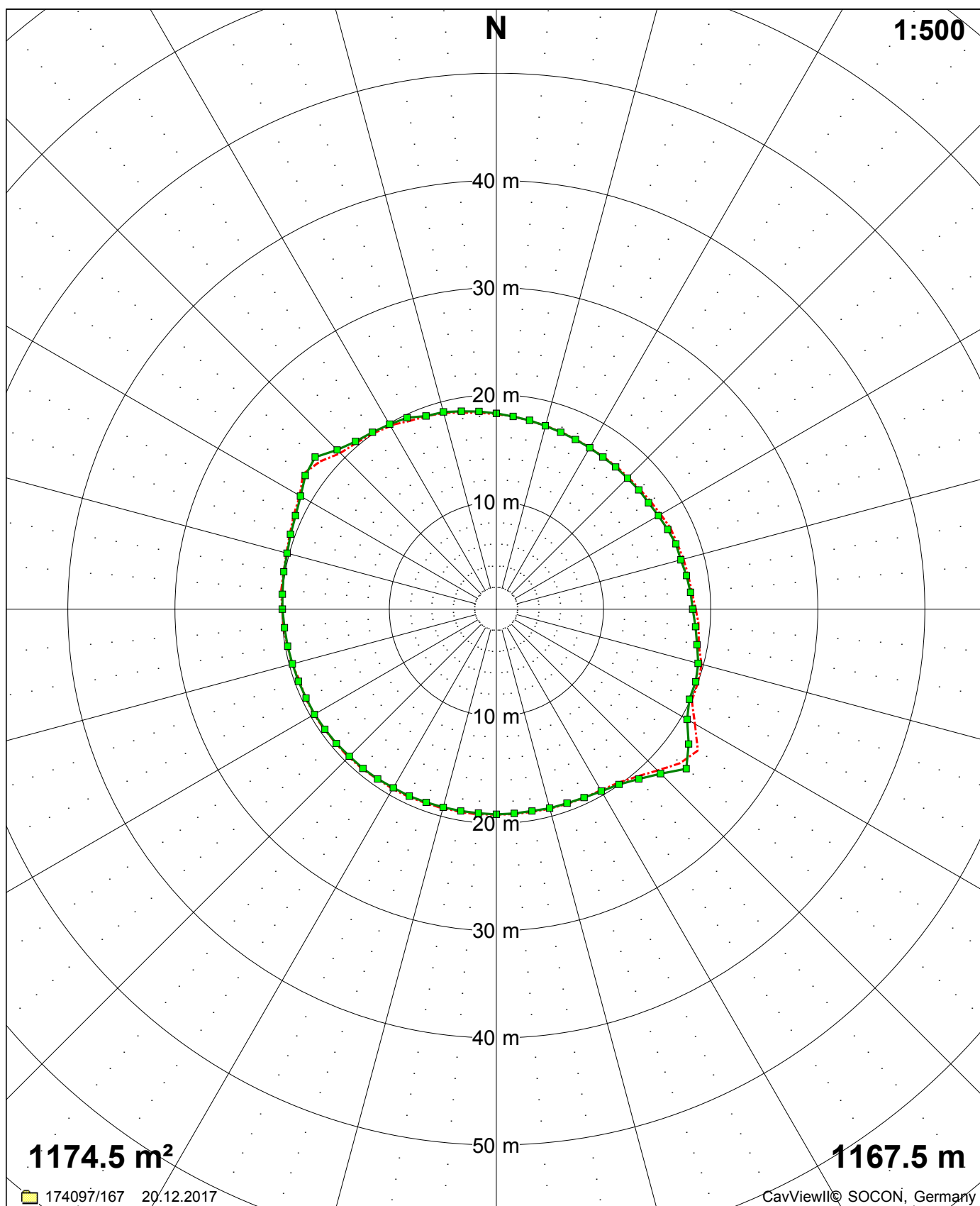
----- (19.05.2014) (1167.3 m²)

----- (20.12.2017) (1160.9 m²)

d_{max}: 44.5 m 130° <--> 310° r_{min}: 17.2 m -> 36° r~: 19.2 m r_{max}: 23.0 m -> 130°

Heiligerlee K

20.12.2017



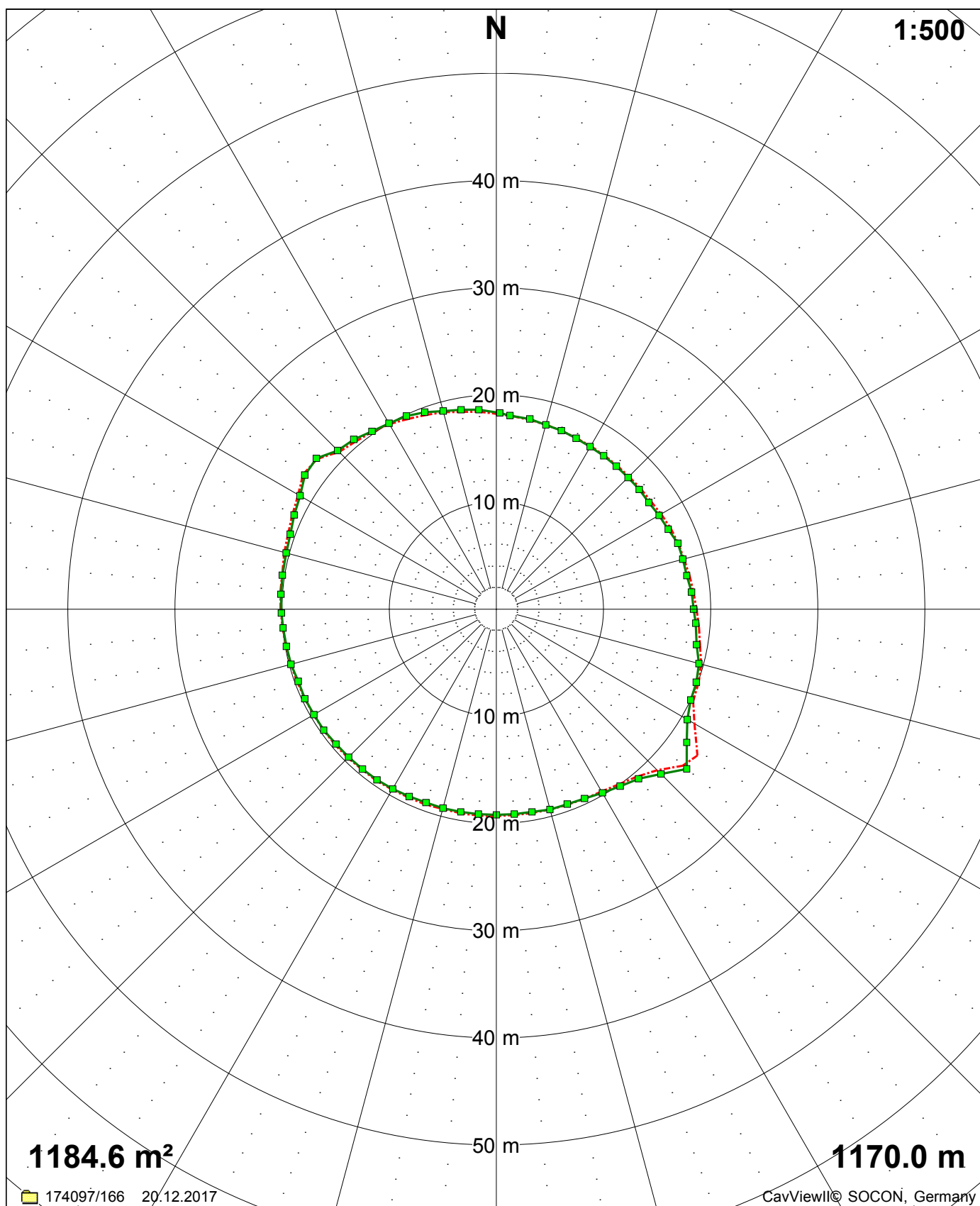
----- (19.05.2014) (1179.6 m²)

----- (20.12.2017) (1174.5 m²)

$d_{\max}$: 45.2 m 130° <--> 310° $r_{\min}$: 17.3 m -> 42° $r_{\sim}$: 19.3 m $r_{\max}$: 23.1 m -> 130°

Heiligerlee K

20.12.2017



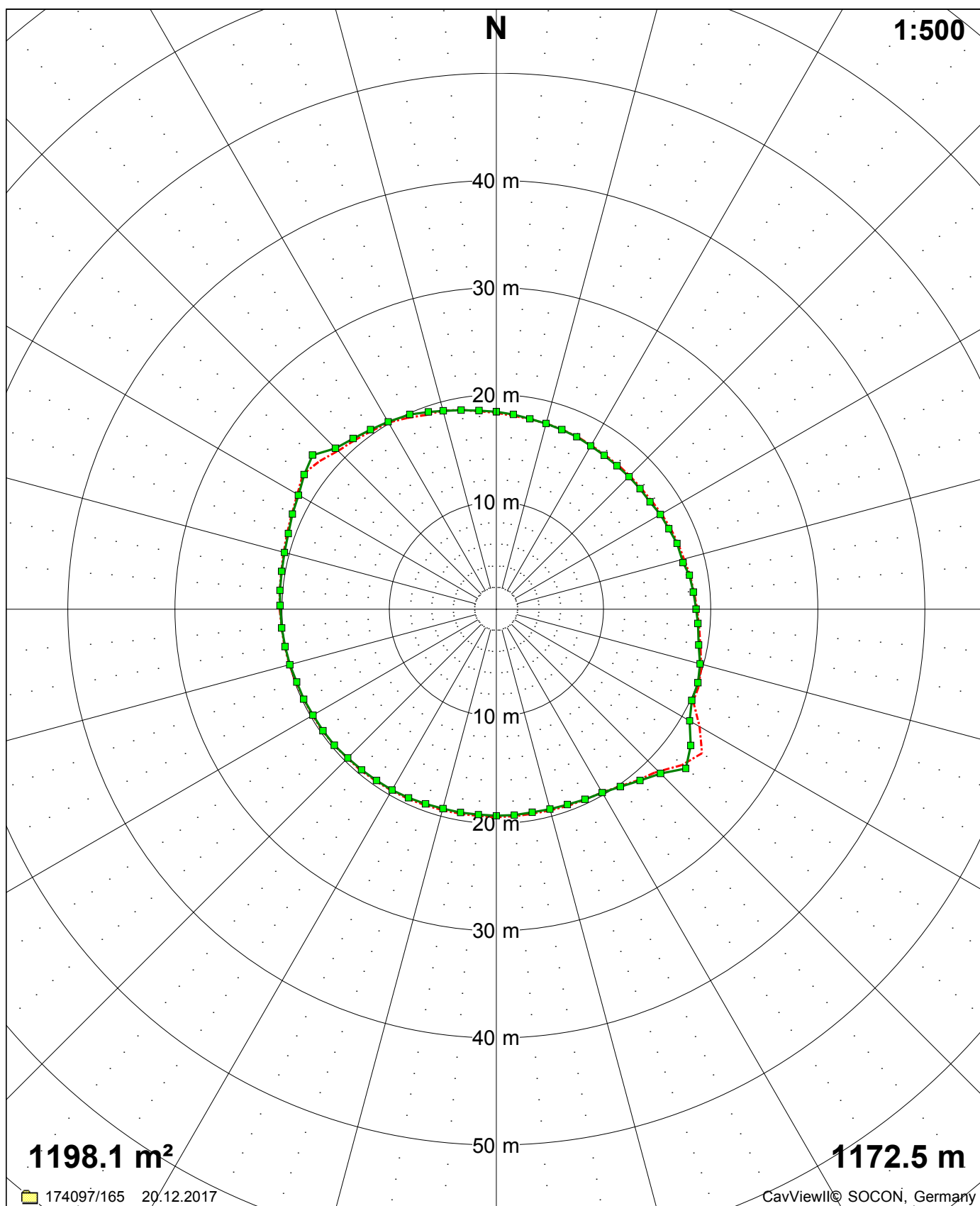
--- (19.05.2014) (1192.7 m²)

--- (20.12.2017) (1184.6 m²)

d_{max}: 45.1 m 130° <--> 310° r_{min}: 17.3 m -> 52° r~: 19.4 m r_{max}: 23.2 m -> 130°

Heiligerlee K

20.12.2017



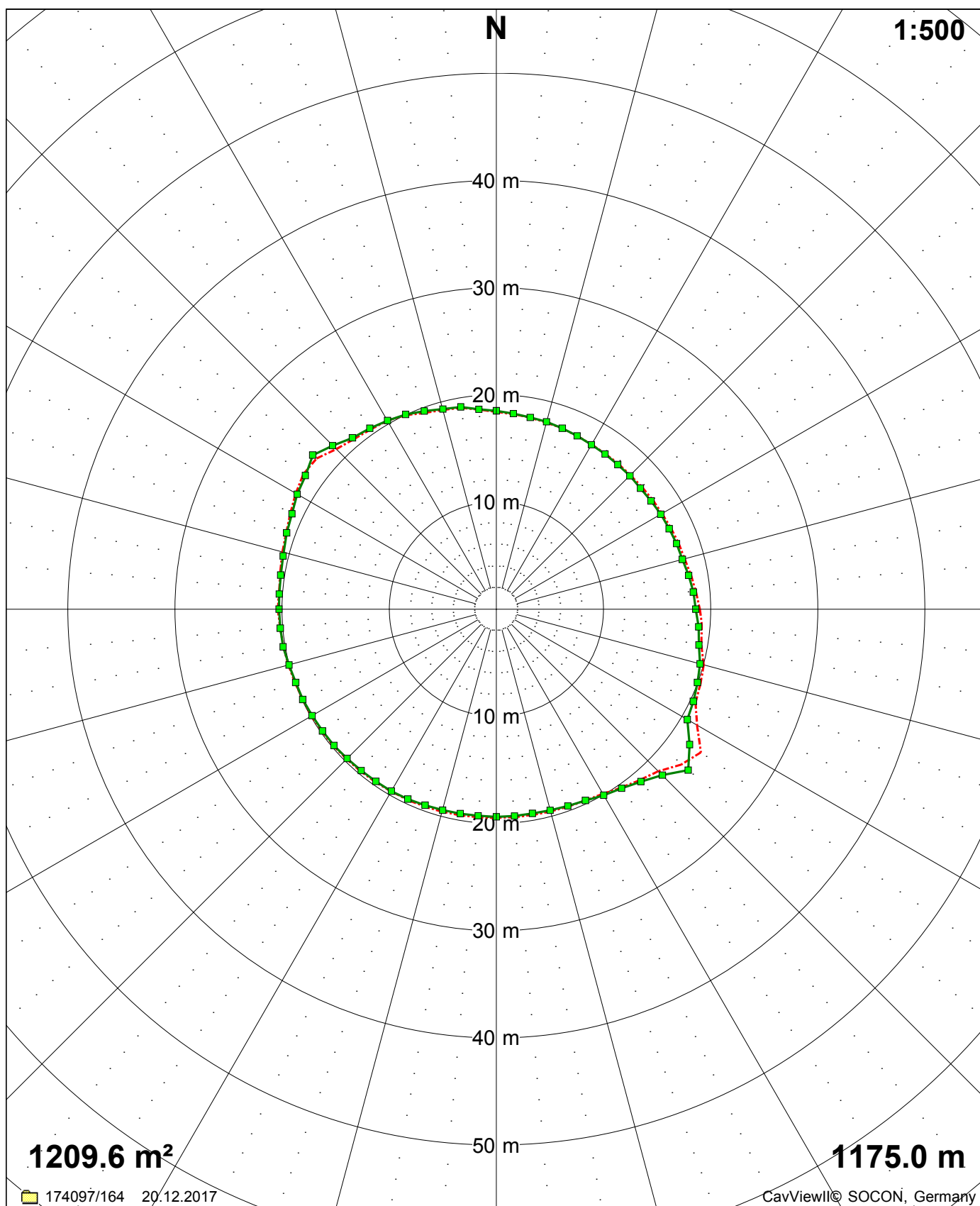
----- (19.05.2014) (1204.3 m²)

----- (20.12.2017) (1198.1 m²)

$d_{\max}$: 45.5 m 130° <--> 310° $r_{\min}$: 17.5 m -> 41° $r_{\sim}$: 19.5 m $r_{\max}$: 23.1 m -> 130°

Heiligerlee K

20.12.2017



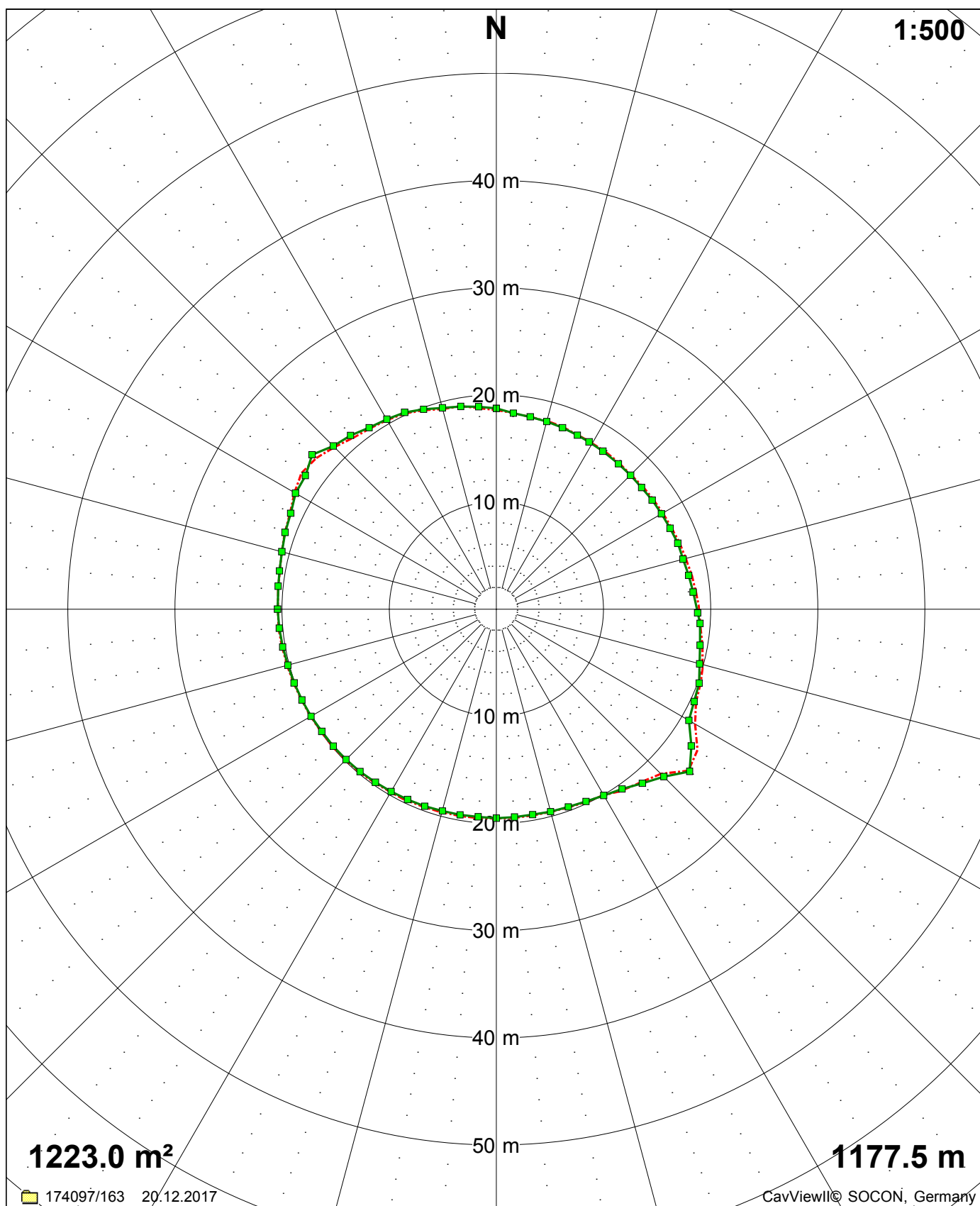
----- (19.05.2014) (1217.8 m²)

----- (20.12.2017) (1209.6 m²)

d_{max}: 45.7 m 130° <--> 310° r_{min}: 17.6 m -> 48° r~: 19.6 m r_{max}: 23.4 m -> 130°

Heiligerlee K

20.12.2017



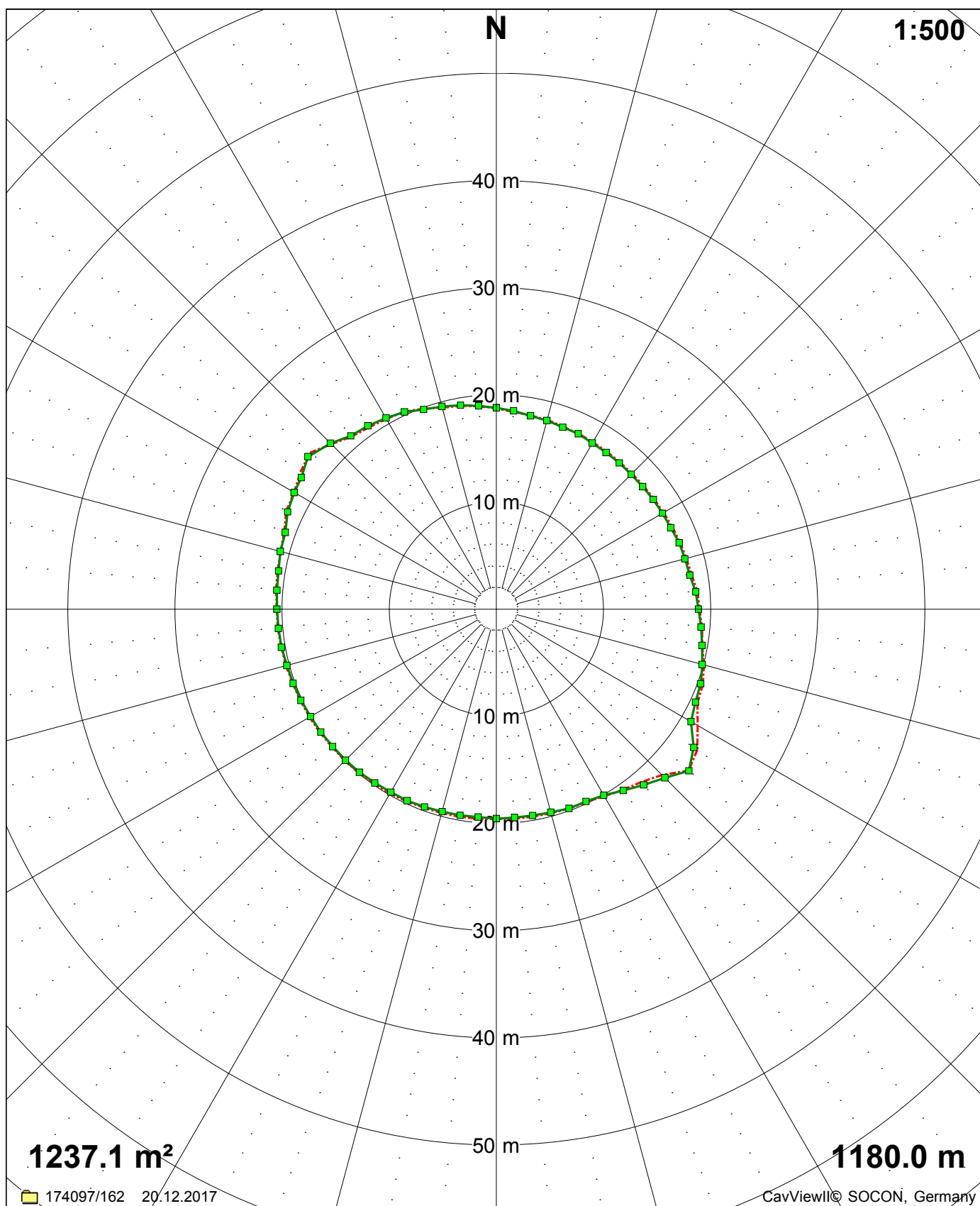
----- (19.05.2014) (1230.7 m²)

----- (20.12.2017) (1223.0 m²)

d_{max}: 46.0 m 130° <--> 310° r_{min}: 17.7 m -> 47° r~: 19.7 m r_{max}: 23.5 m -> 130°

Heiligerlee K

20.12.2017



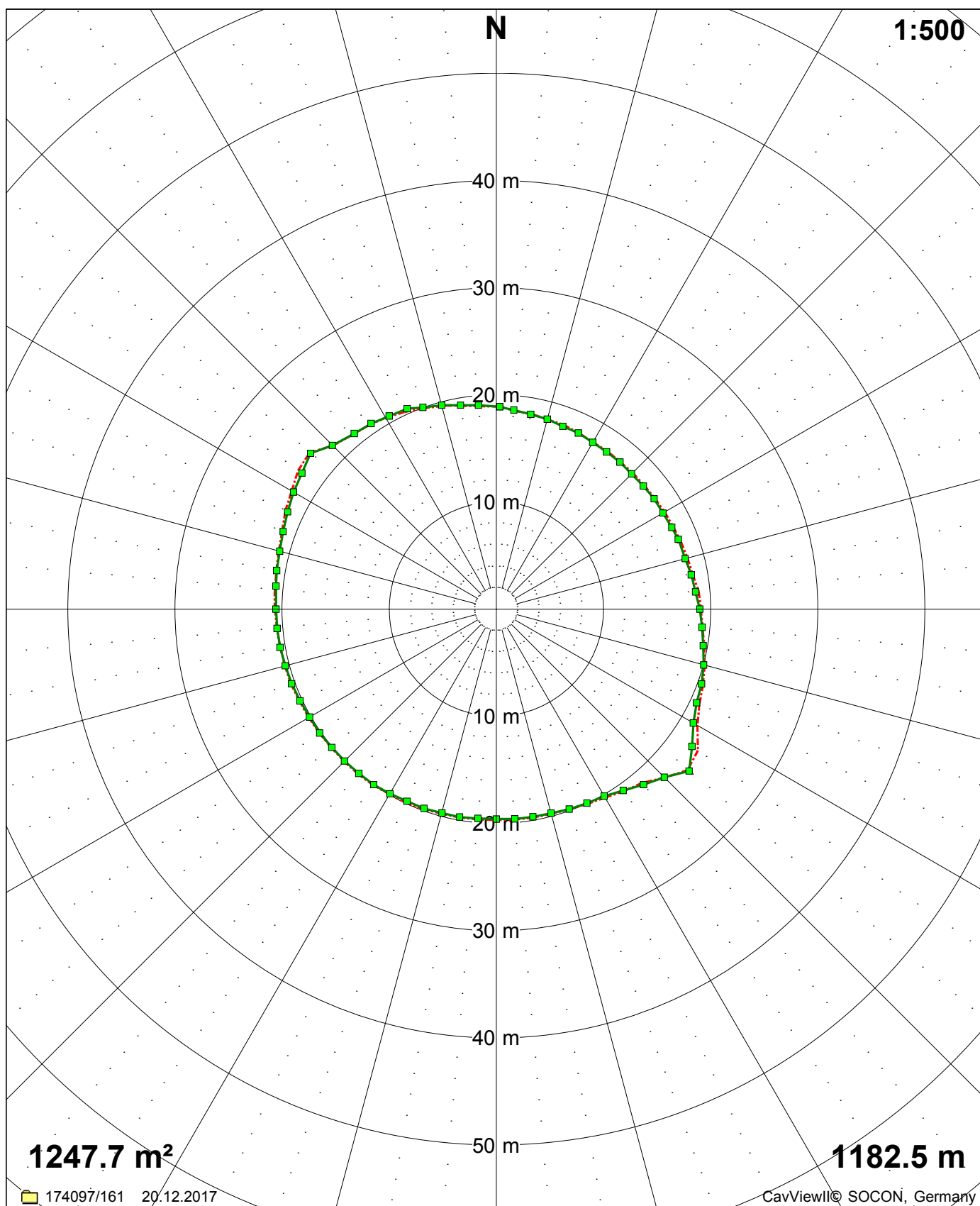
--- (19.05.2014) (1245.6 m²)

--- (20.12.2017) (1237.1 m²)

$d_{\max}$: 45.9 m 130° <--> 310° $r_{\min}$: 17.8 m -> 46° $r_{\sim}$: 19.8 m $r_{\max}$: 23.5 m -> 130°

Heiligerlee K

20.12.2017



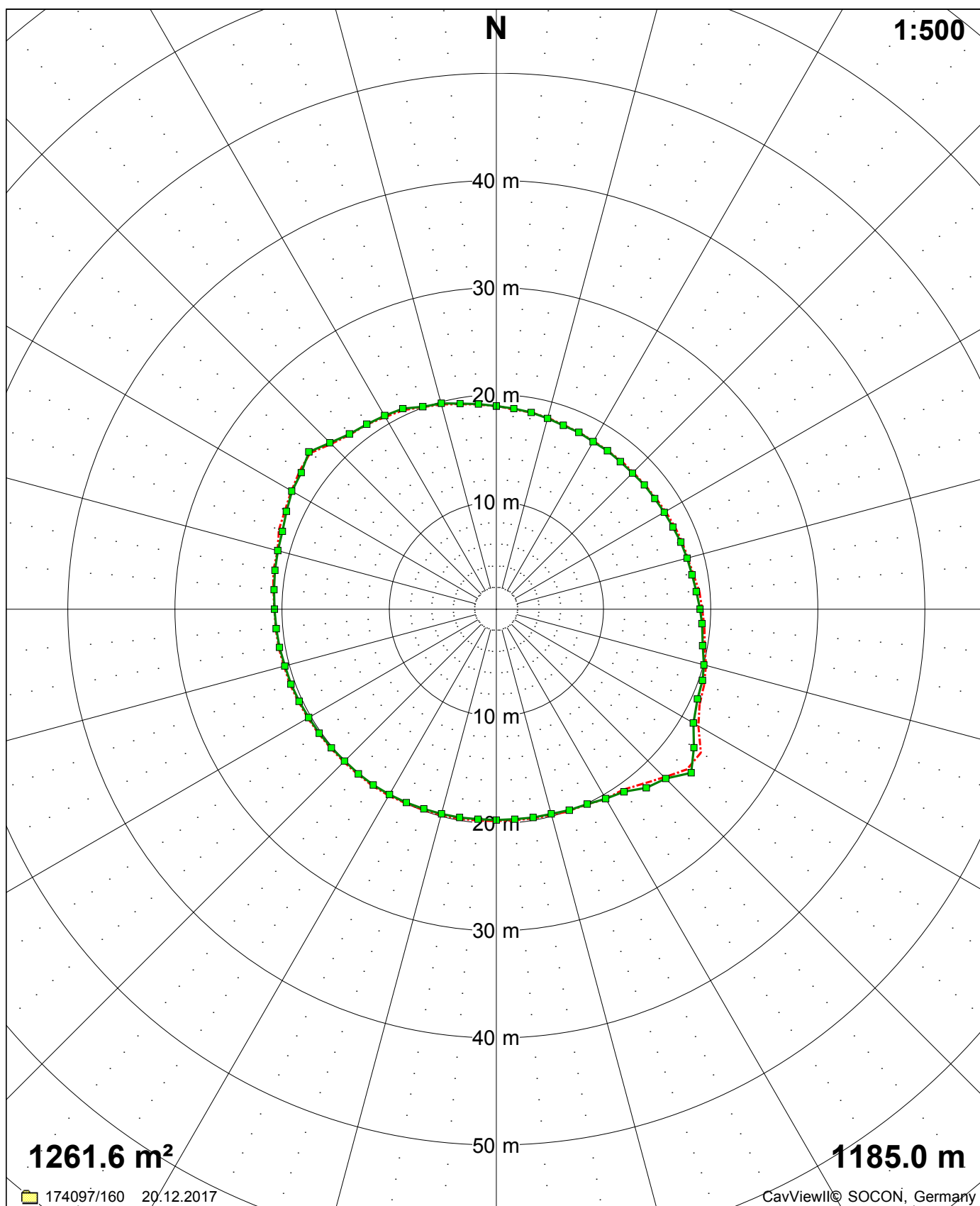
----- (19.05.2014) (1258.2 m²)

----- (20.12.2017) (1247.7 m²)

d_{max}: 46.1 m 130° <--> 310° r_{min}: 17.8 m -> 45° r~: 19.9 m r_{max}: 23.5 m -> 130°

Heiligerlee K

20.12.2017



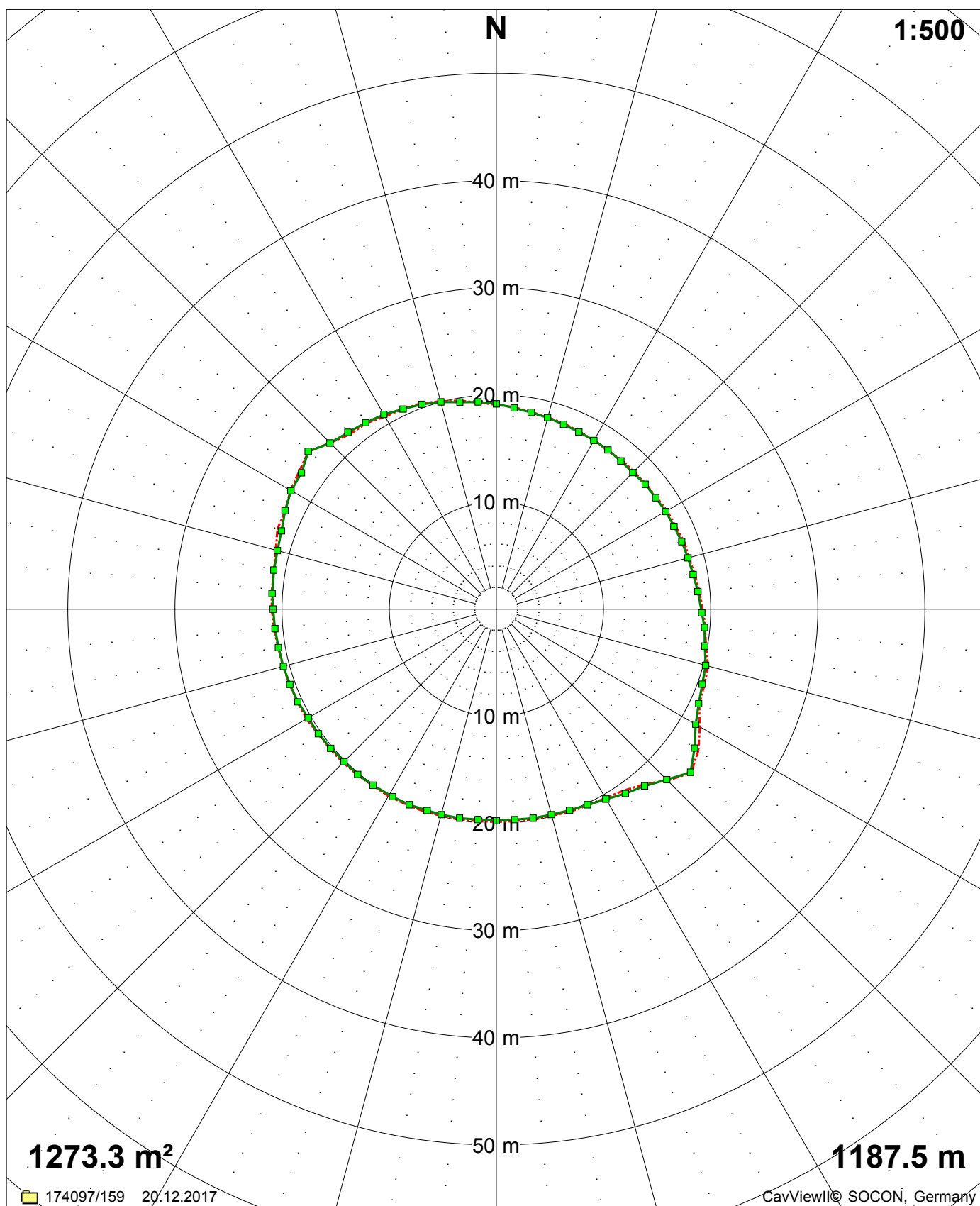
----- (19.05.2014) (1269.8 m²)

----- (20.12.2017) (1261.6 m²)

$d_{\max}$: 46.6 m 130° <--> 310° $r_{\min}$: 18.0 m -> 42° $r_{\sim}$: 20.0 m $r_{\max}$: 23.7 m -> 130°

Heiligerlee K

20.12.2017



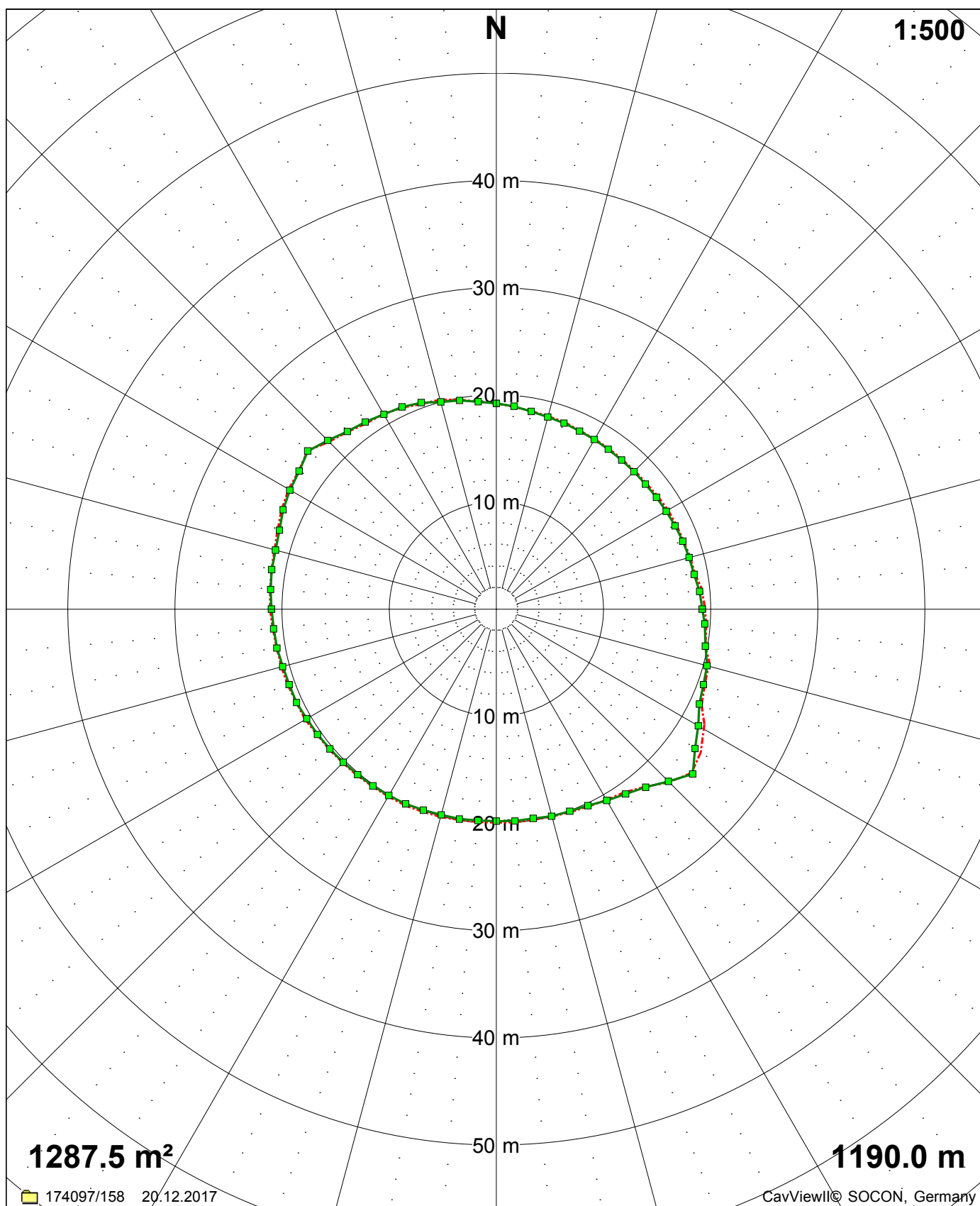
--- (19.05.2014) (1283.1 m²)

--- (20.12.2017) (1273.3 m²)

$d_{\max}$: 46.6 m 130° <--> 310° $r_{\min}$: 18.0 m -> 43° $r_{\sim}$: 20.1 m $r_{\max}$: 23.7 m -> 130°

Heiligerlee K

20.12.2017



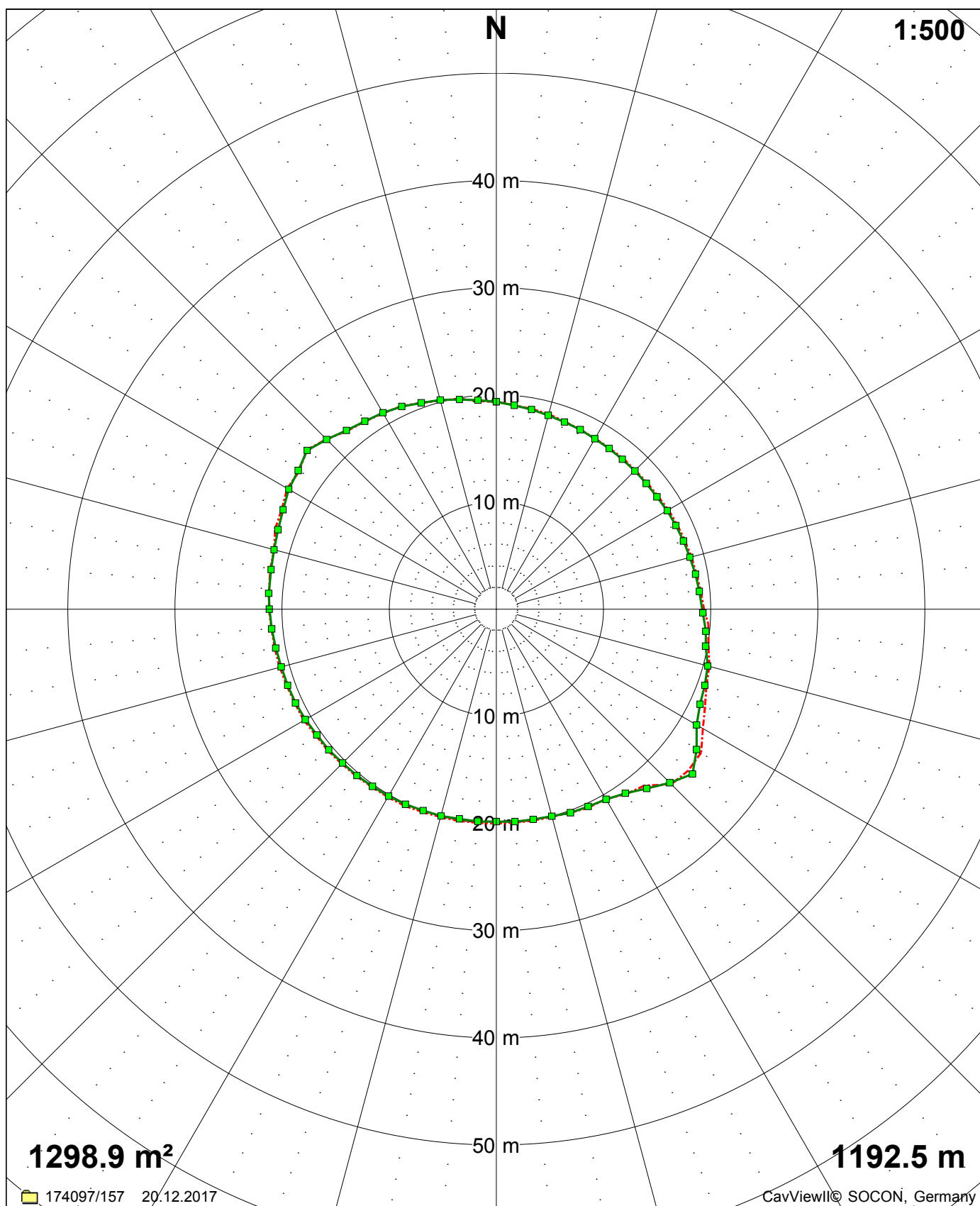
--- (19.05.2014) (1298.9 m²)

--- (20.12.2017) (1287.5 m²)

$d_{\max}$: 46.9 m 130° <--> 310° $r_{\min}$: 18.1 m -> 46° $r_{\sim}$: 20.2 m $r_{\max}$: 23.9 m -> 130°

Heiligerlee K

20.12.2017



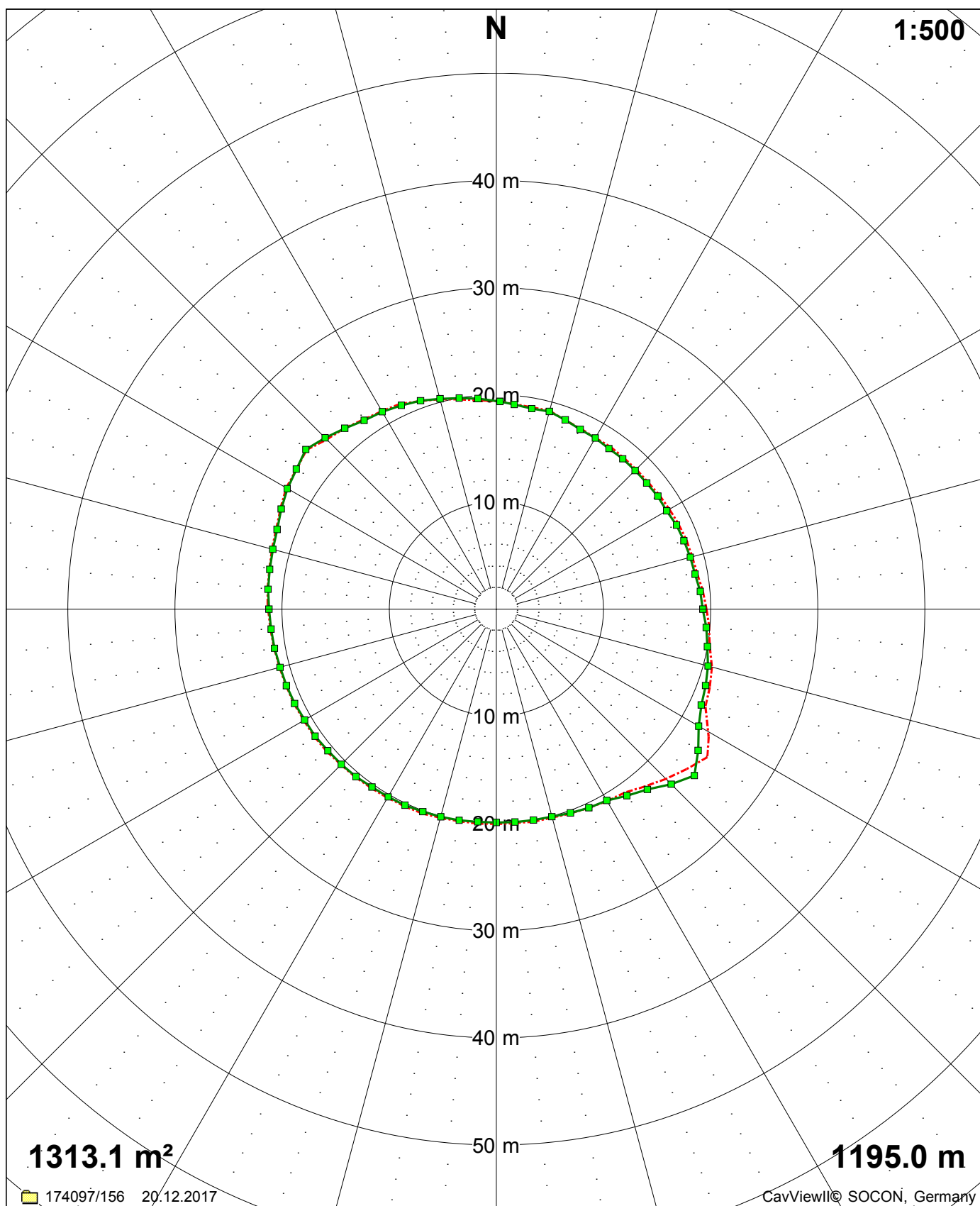
----- (19.05.2014) (1310.5 m²)

----- (20.12.2017) (1298.9 m²)

$d_{\max}$: 47.0 m 130° <--> 310° $r_{\min}$: 18.2 m -> 46° $r_{\sim}$: 20.3 m $r_{\max}$: 23.9 m -> 130°

Heiligerlee K

20.12.2017



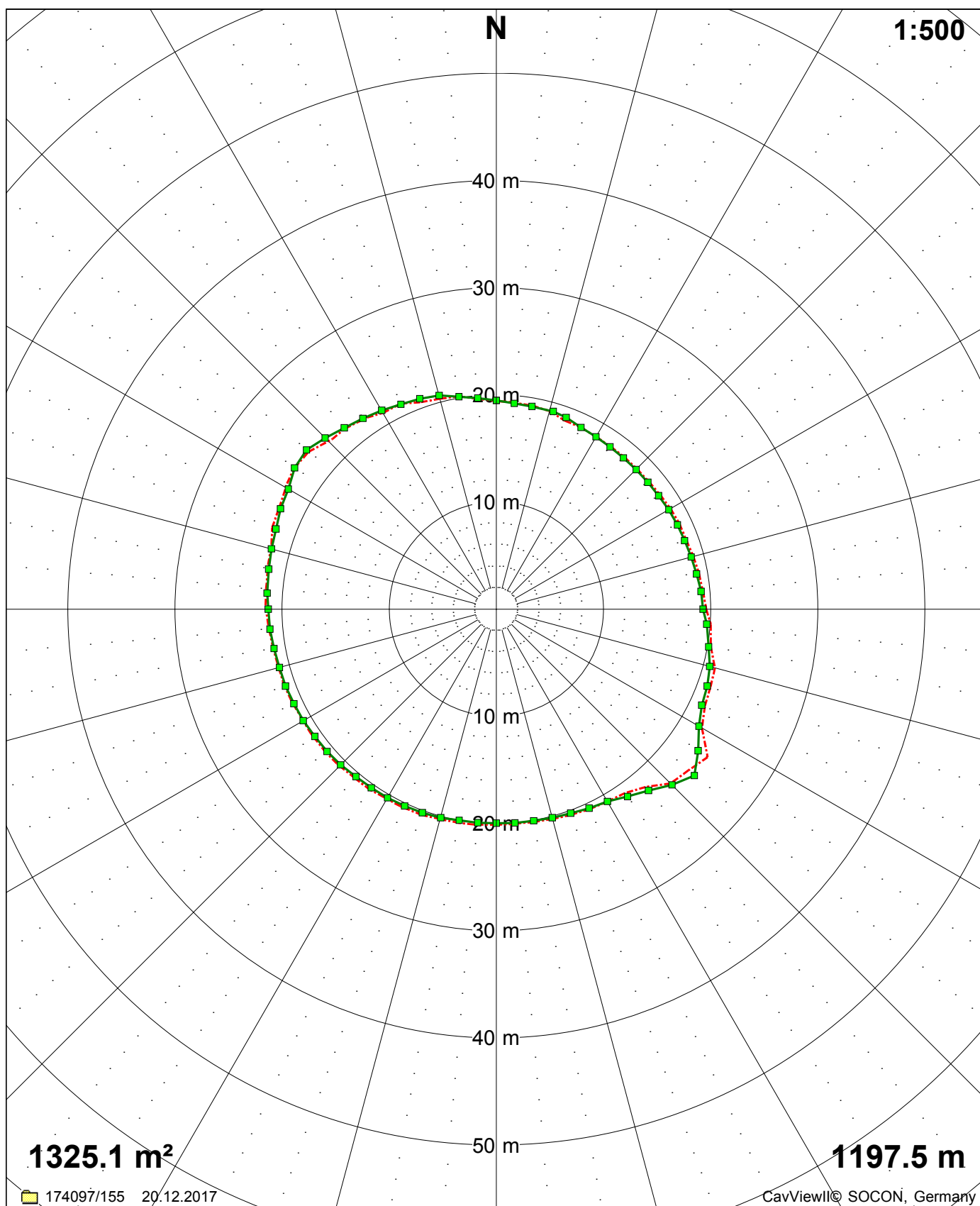
----- (19.05.2014) (1324.8 m²)

----- (20.12.2017) (1313.1 m²)

$d_{\max}$: 47.3 m 130° <--> 310° $r_{\min}$: 18.3 m -> 46° $r_{\sim}$: 20.4 m $r_{\max}$: 24.1 m -> 130°

Heiligerlee K

20.12.2017



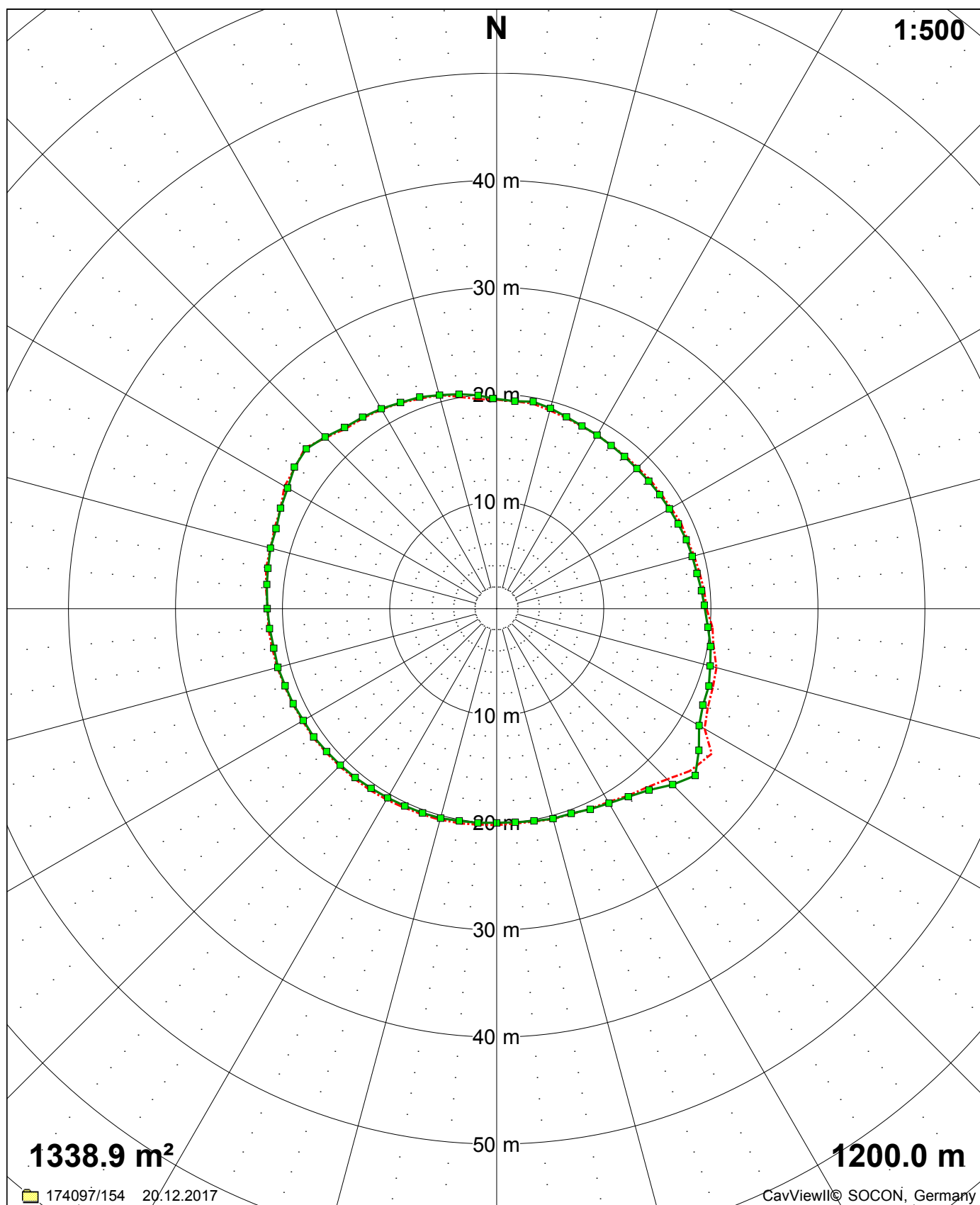
--- (19.05.2014) (1335.3 m²)

--- (20.12.2017) (1325.1 m²)

d_{max}: 47.2 m 130° <--> 310° r_{min}: 18.4 m -> 42° r~: 20.5 m r_{max}: 24.1 m -> 130°

Heiligerlee K

20.12.2017



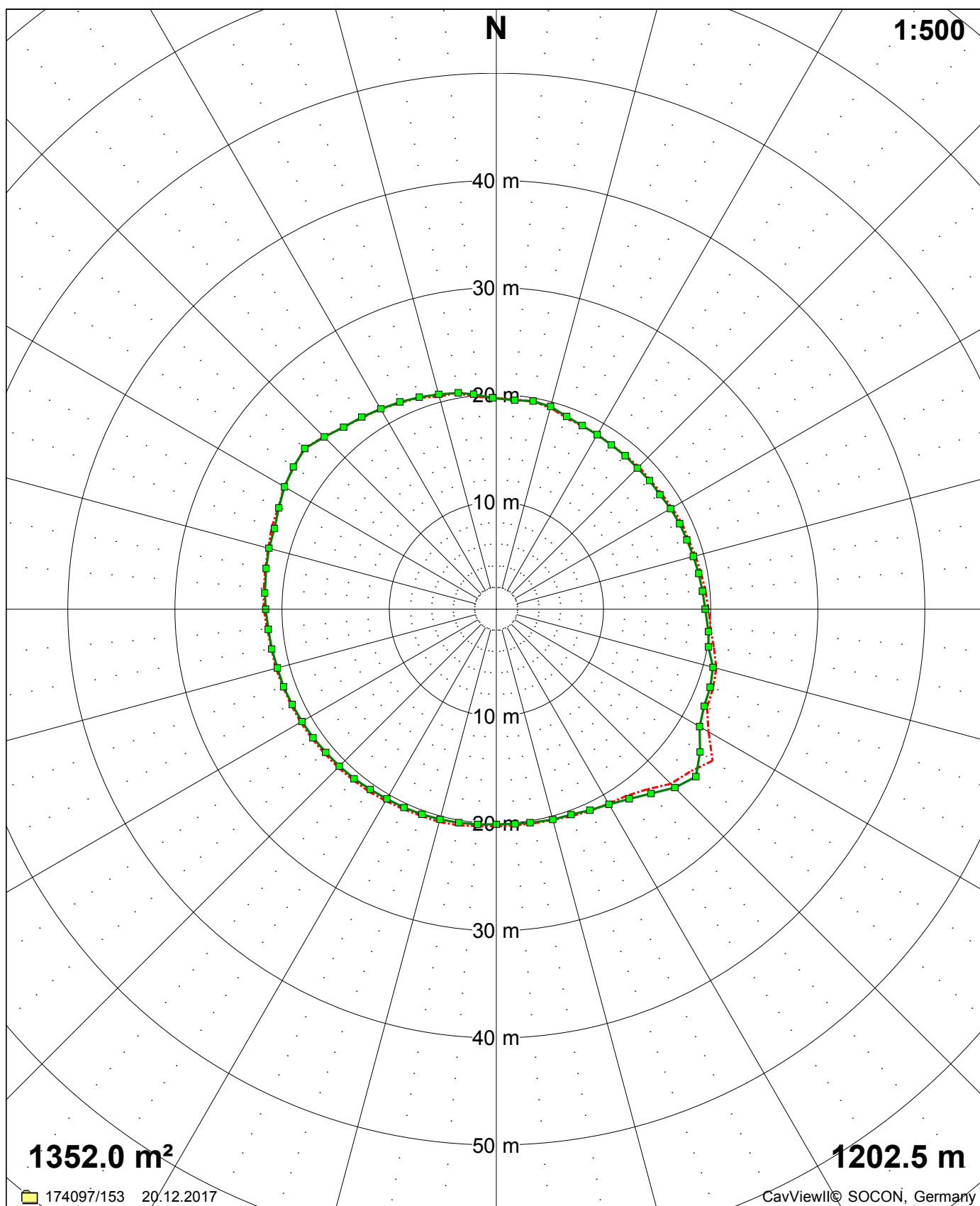
----- (19.05.2014) (1349.0 m²)

----- (20.12.2017) (1338.9 m²)

d_{max}: 47.4 m 130° <--> 310° r_{min}: 18.5 m -> 46° r~: 20.6 m r_{max}: 24.2 m -> 130°

Heiligerlee K

20.12.2017



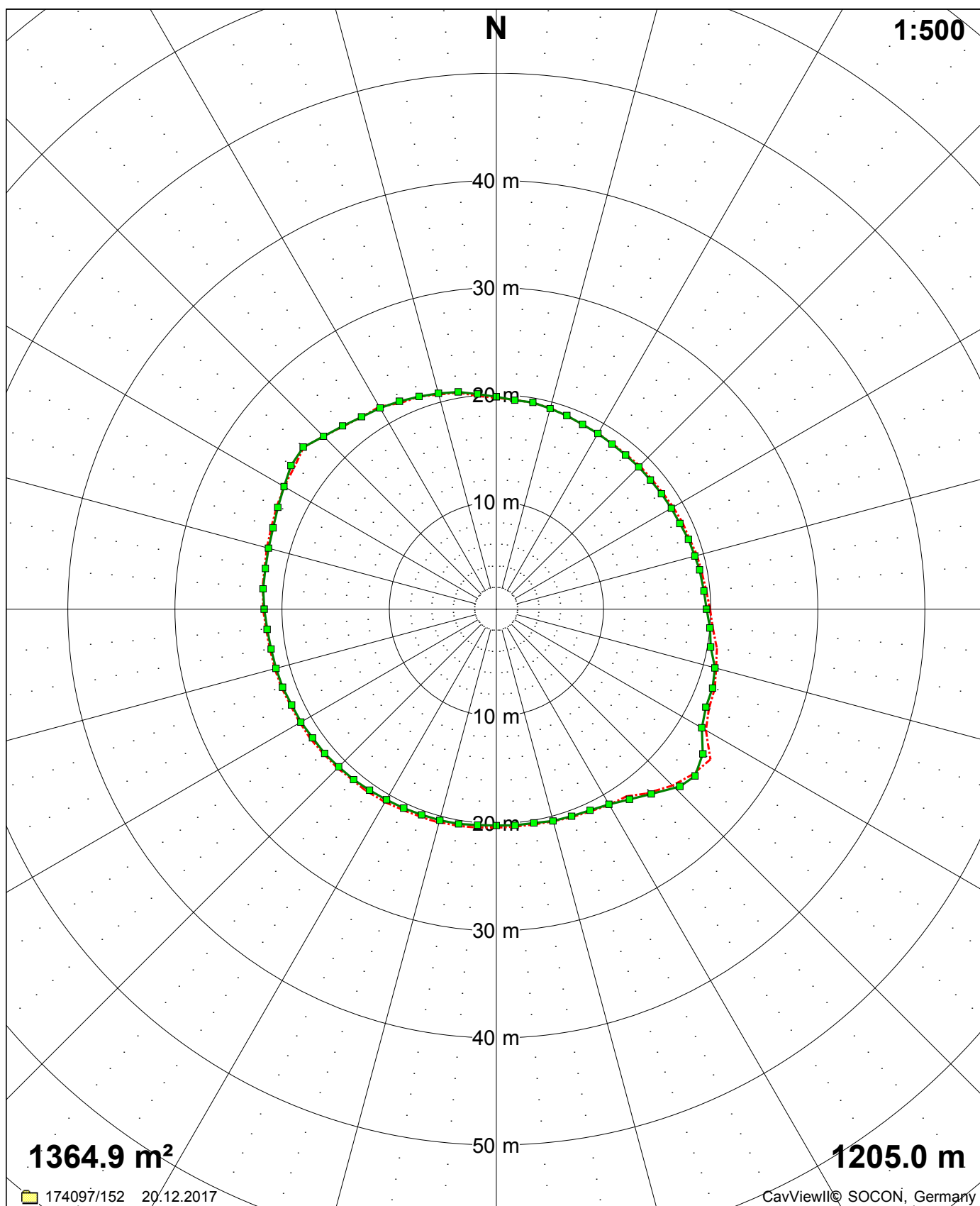
----- (19.05.2014) (1364.3 m²)

----- (20.12.2017) (1352.0 m²)

$d_{\max}$: 47.6 m 130° <--> 310° $r_{\min}$: 18.6 m -> 45° $r_{\sim}$: 20.7 m $r_{\max}$: 24.3 m -> 130°

Heiligerlee K

20.12.2017

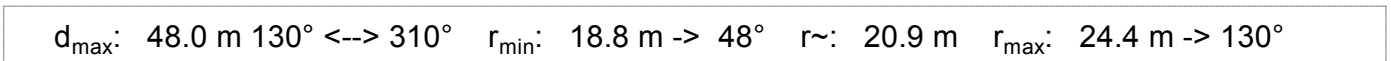


--- (19.05.2014) (1377.1 m²)

—■— (20.12.2017) (1364.9 m²)

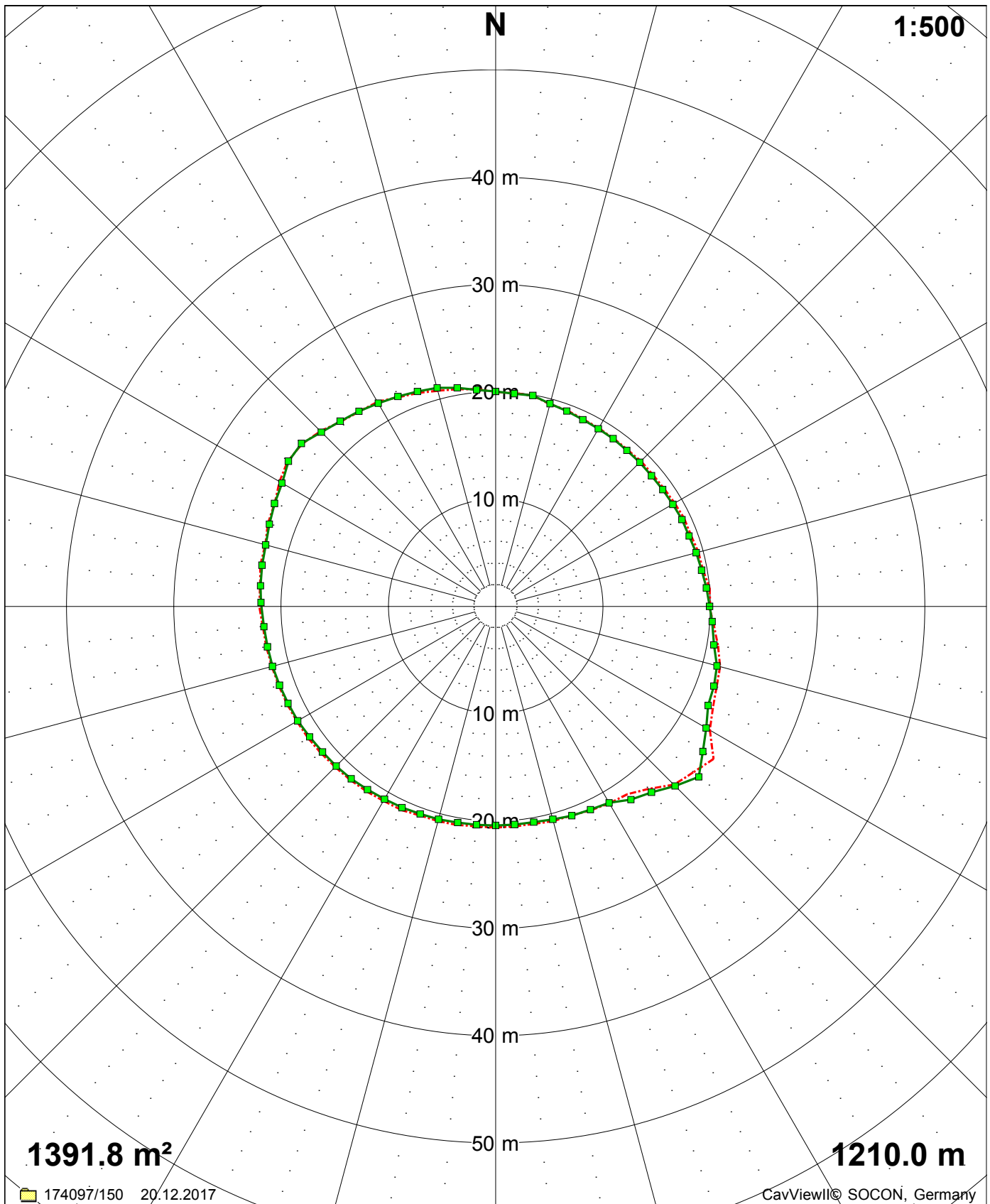
$d_{\max}$: 47.7 m 130° <--> 310° $r_{\min}$: 18.7 m -> 41° $r_{\sim}$: 20.8 m $r_{\max}$: 24.2 m -> 130°

20.12.2017



Heiligerlee K

20.12.2017



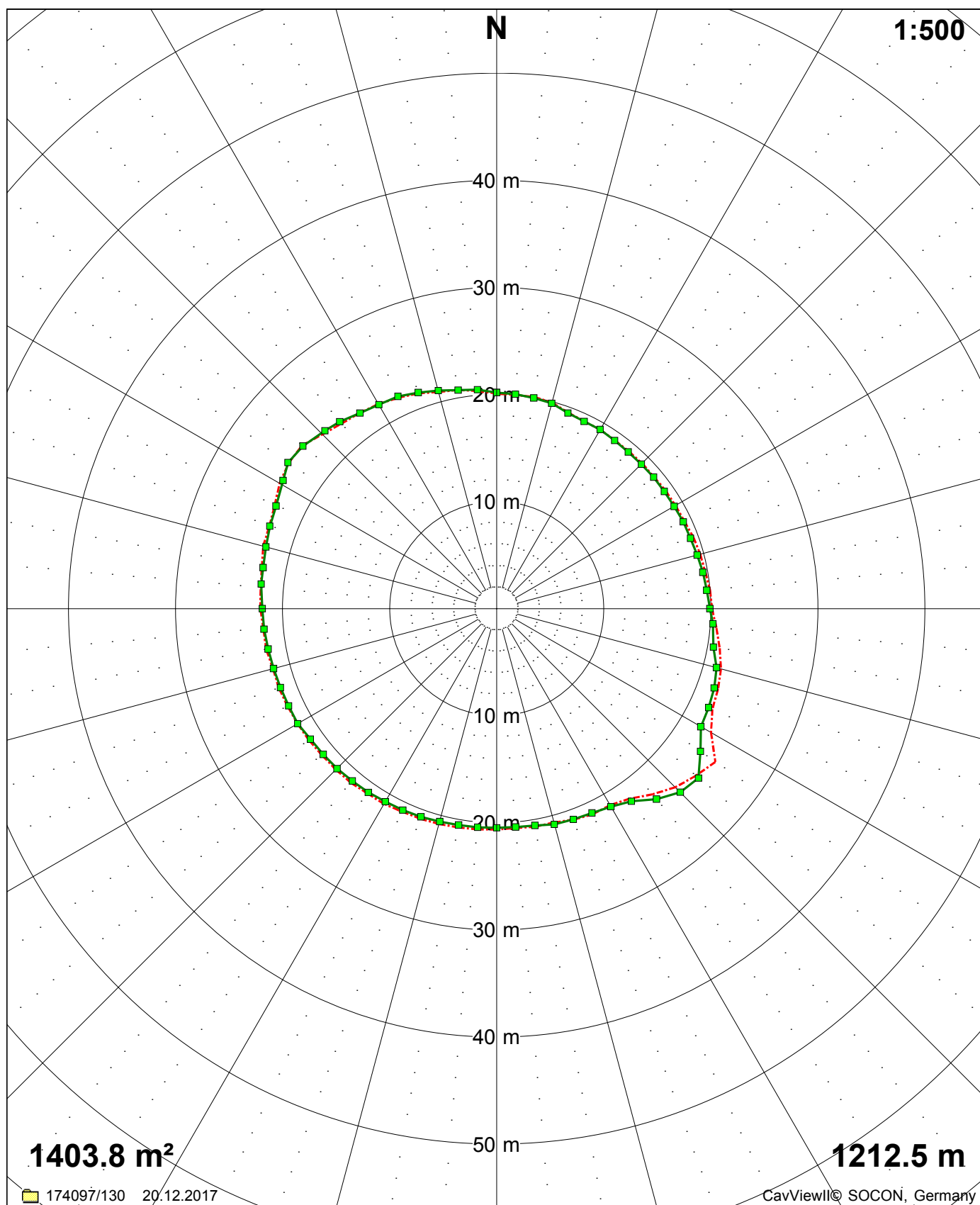
----- (19.05.2014) (1404.6 m²)

----- (20.12.2017) (1391.8 m²)

$d_{\max}$: 48.3 m 130° <--> 310° $r_{\min}$: 18.9 m -> 48° $r_{\sim}$: 21.0 m $r_{\max}$: 24.7 m -> 130°

Heiligerlee K

20.12.2017



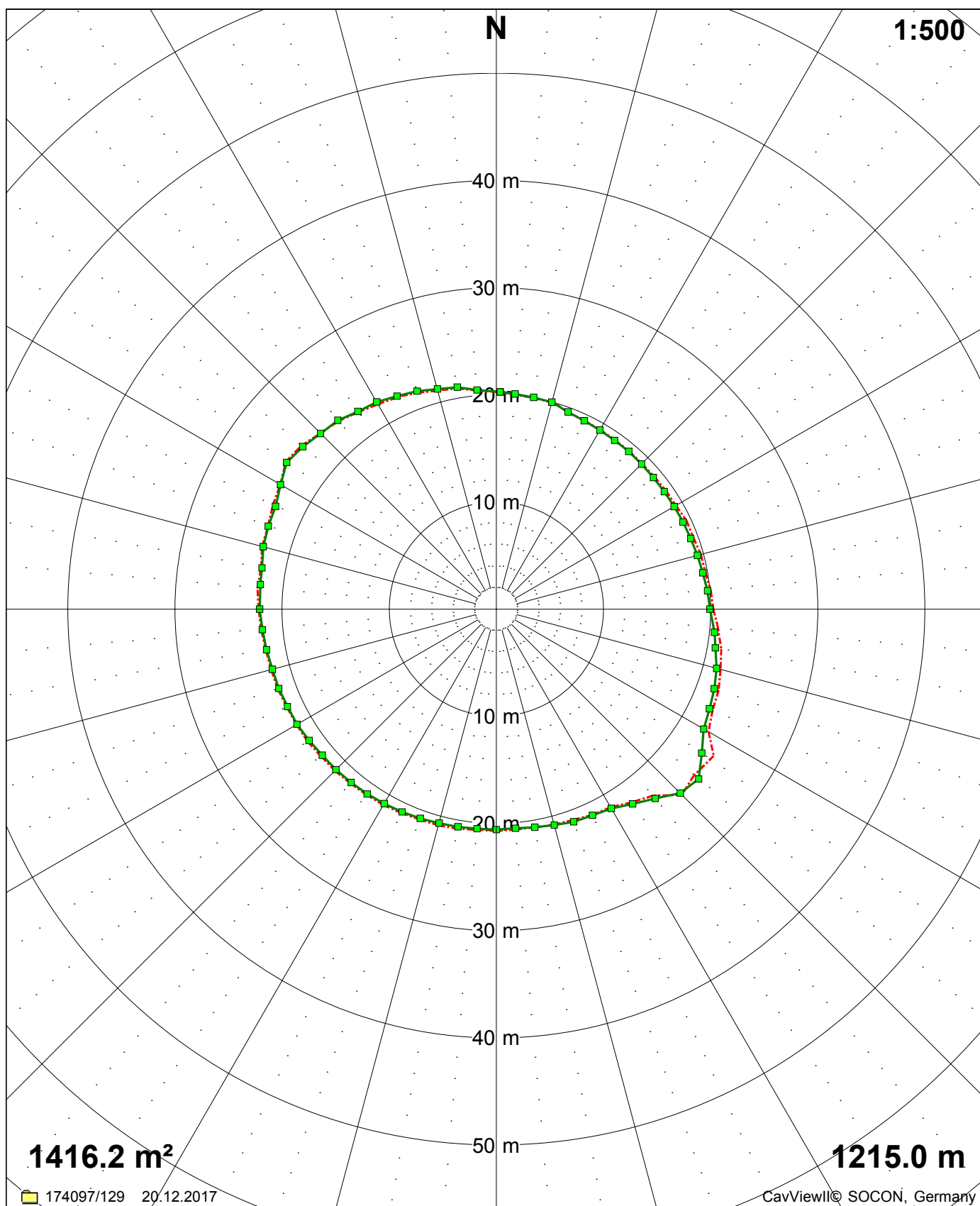
--- (19.05.2014) (1419.0 m²)

--- (20.12.2017) (1403.8 m²)

d_{max}: 48.2 m 130° <--> 310° r_{min}: 19.1 m -> 42° r~: 21.1 m r_{max}: 24.6 m -> 130°

Heiligerlee K

20.12.2017



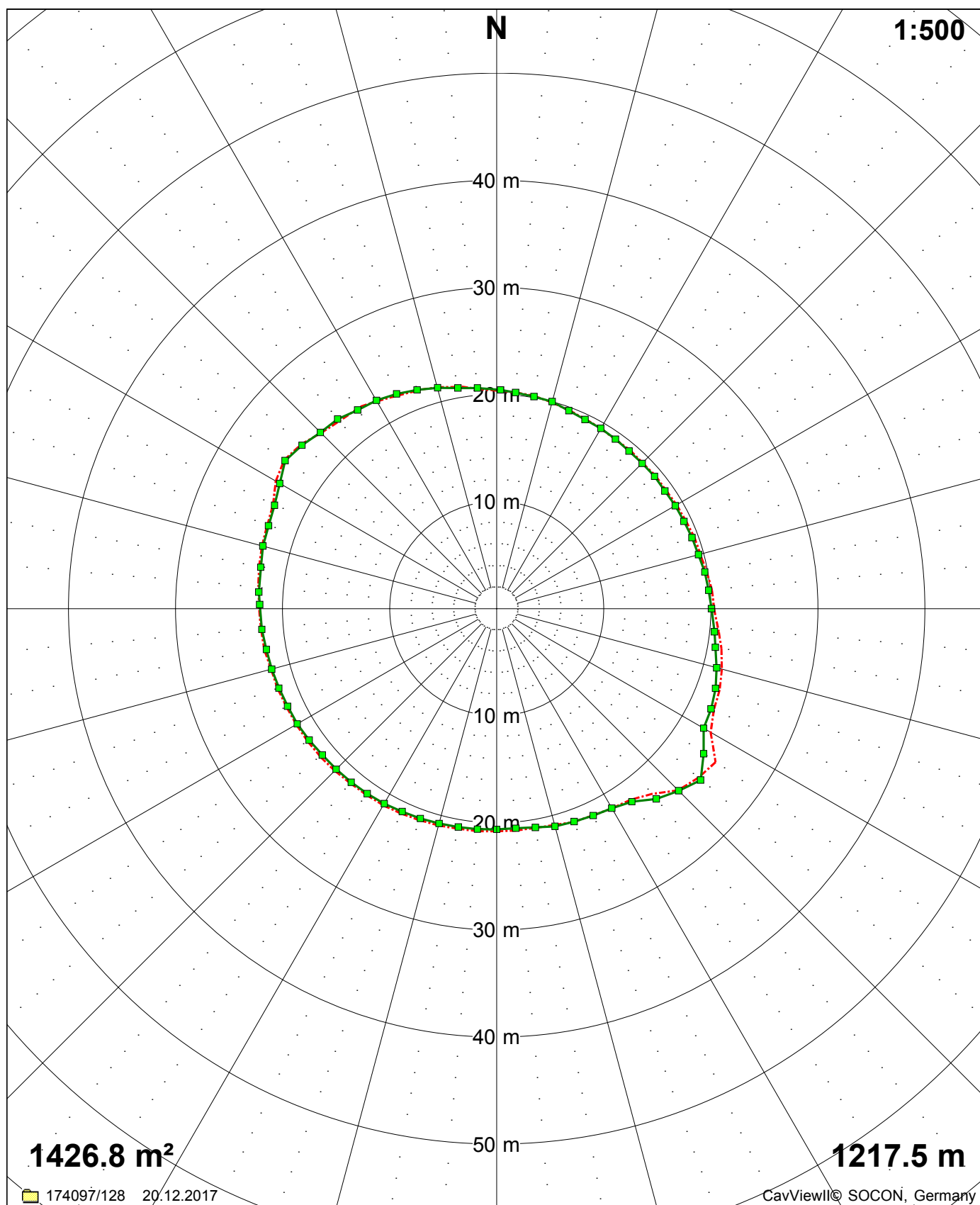
--- (19.05.2014) (1429.7 m²)

--- (20.12.2017) (1416.2 m²)

d_{max}: 48.2 m 130° <--> 310° r_{min}: 19.1 m -> 52° r~: 21.2 m r_{max}: 24.6 m -> 130°

Heiligerlee K

20.12.2017



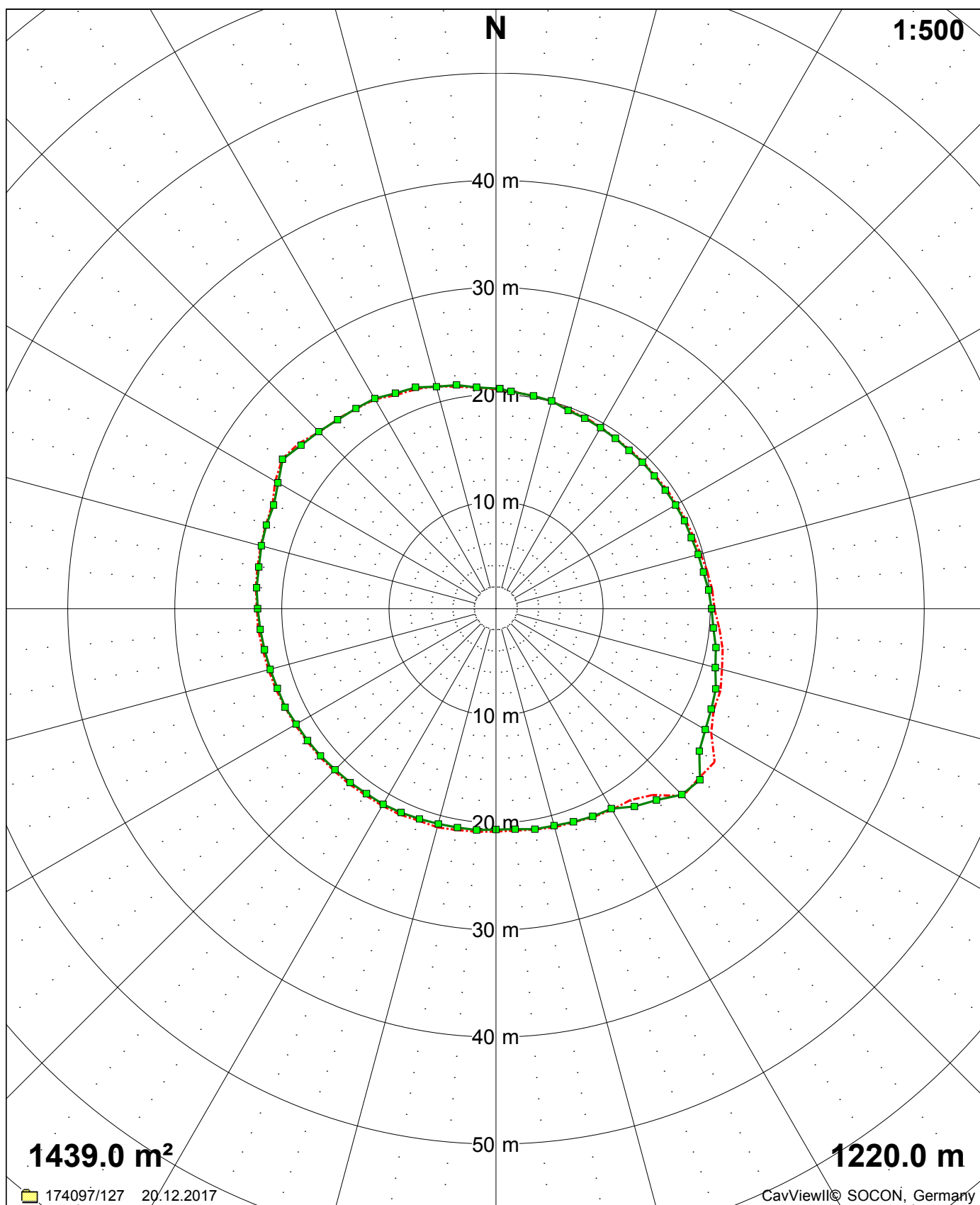
----- (19.05.2014) (1443.3 m²)

----- (20.12.2017) (1426.8 m²)

d_{max}: 48.6 m 130° <--> 310° r_{min}: 19.2 m -> 53° r~: 21.3 m r_{max}: 24.9 m -> 130°

Heiligerlee K

20.12.2017



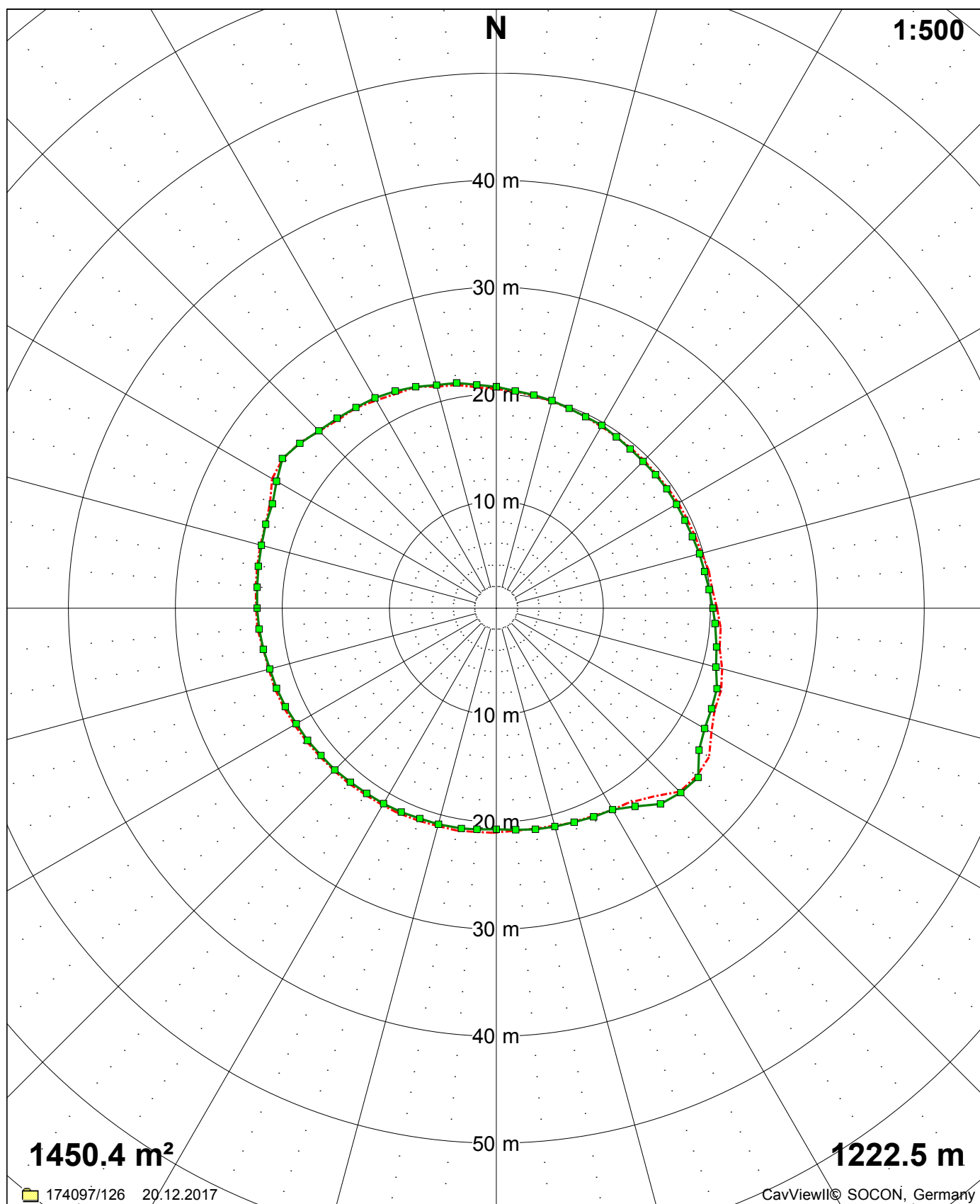
--- (19.05.2014) (1457.7 m²)

--- (20.12.2017) (1439.0 m²)

d_{max}: 48.6 m 130° <--> 310° r_{min}: 19.3 m -> 51° r~: 21.4 m r_{max}: 24.9 m -> 130°

Heiligerlee K

20.12.2017



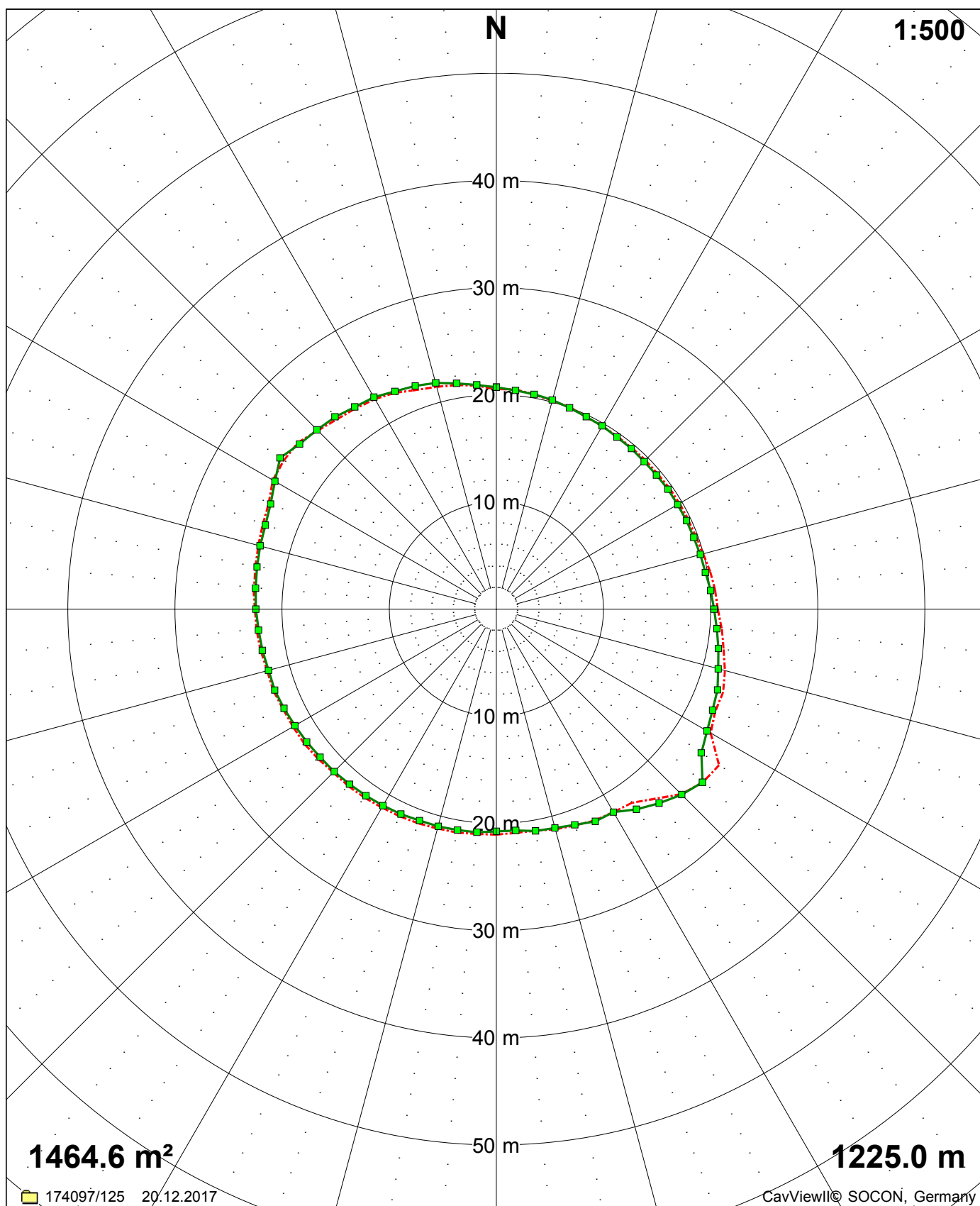
--- (19.05.2014) (1463.4 m²)

--- (20.12.2017) (1450.4 m²)

d_{max}: 48.6 m 130° <--> 310° r_{min}: 19.4 m -> 43° r~: 21.5 m r_{max}: 24.6 m -> 130°

Heiligerlee K

20.12.2017



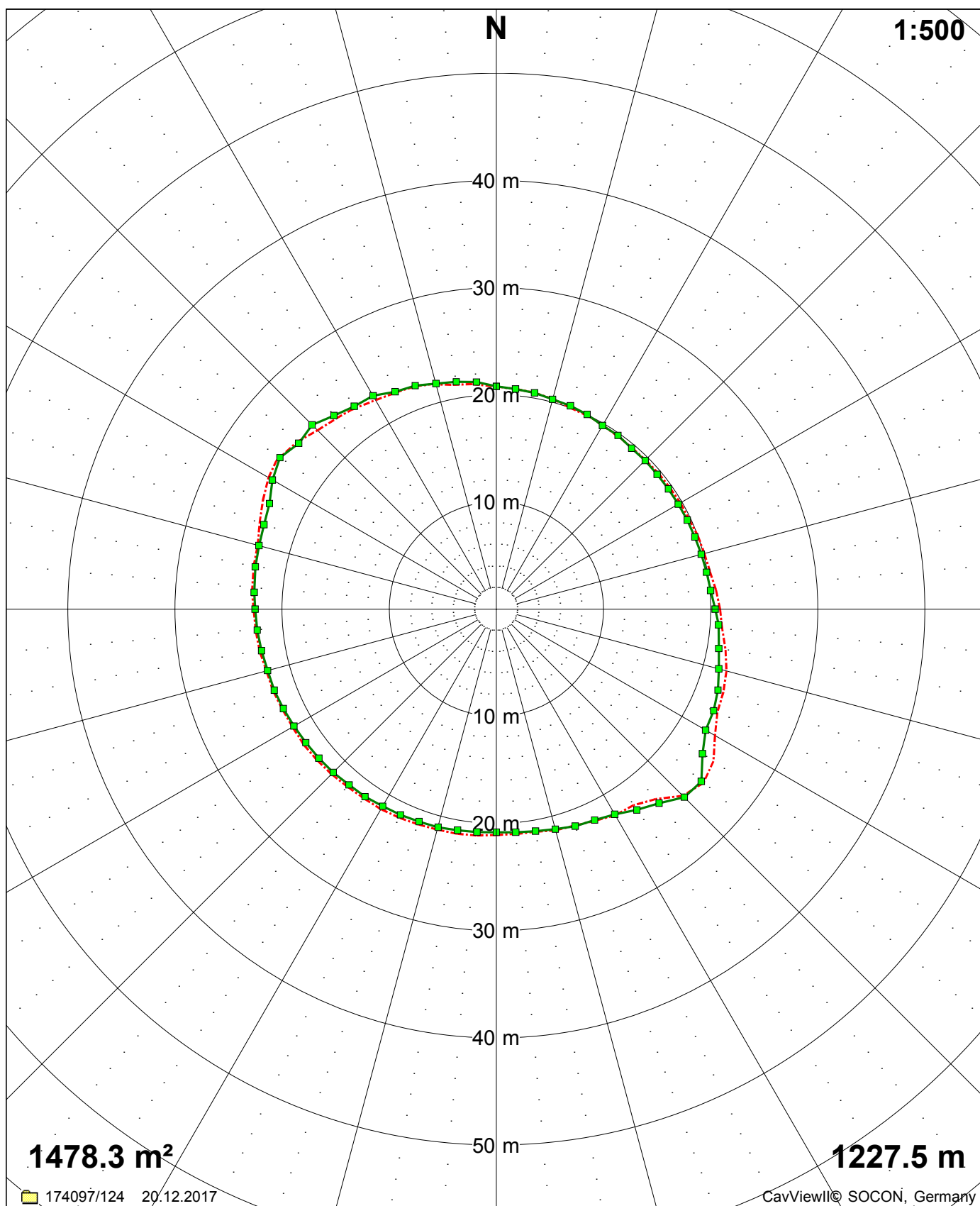
--- (19.05.2014) (1482.0 m²)

--- (20.12.2017) (1464.6 m²)

d_{max}: 49.1 m 130° <--> 310° r_{min}: 19.5 m -> 46° r~: 21.6 m r_{max}: 25.1 m -> 130°

Heiligerlee K

20.12.2017



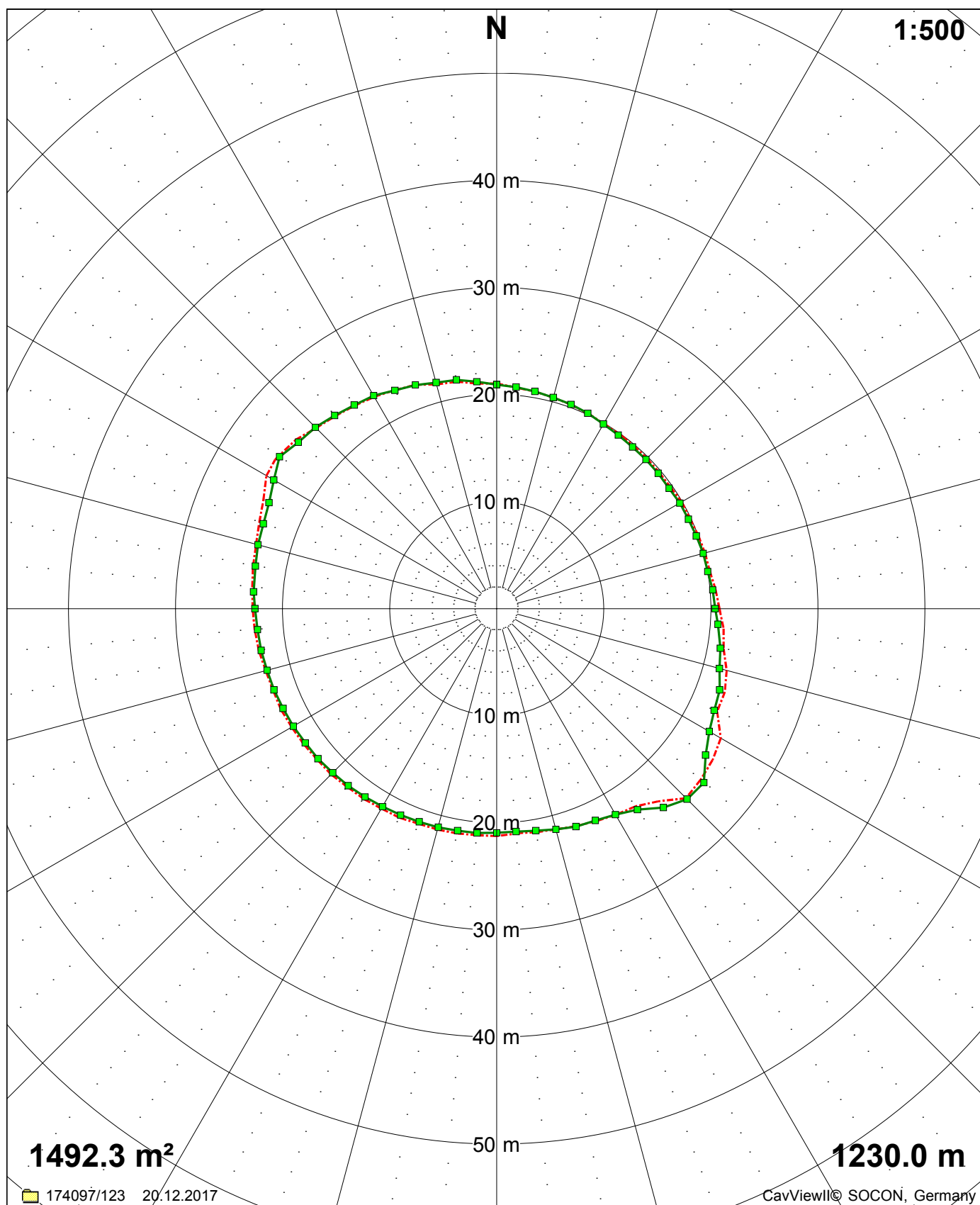
----- (19.05.2014) (1498.9 m²)

----- (20.12.2017) (1478.3 m²)

$d_{\max}$: 49.1 m 135° <--> 315° $r_{\min}$: 19.6 m -> 51° $r_{\sim}$: 21.7 m $r_{\max}$: 25.0 m -> 130°

Heiligerlee K

20.12.2017



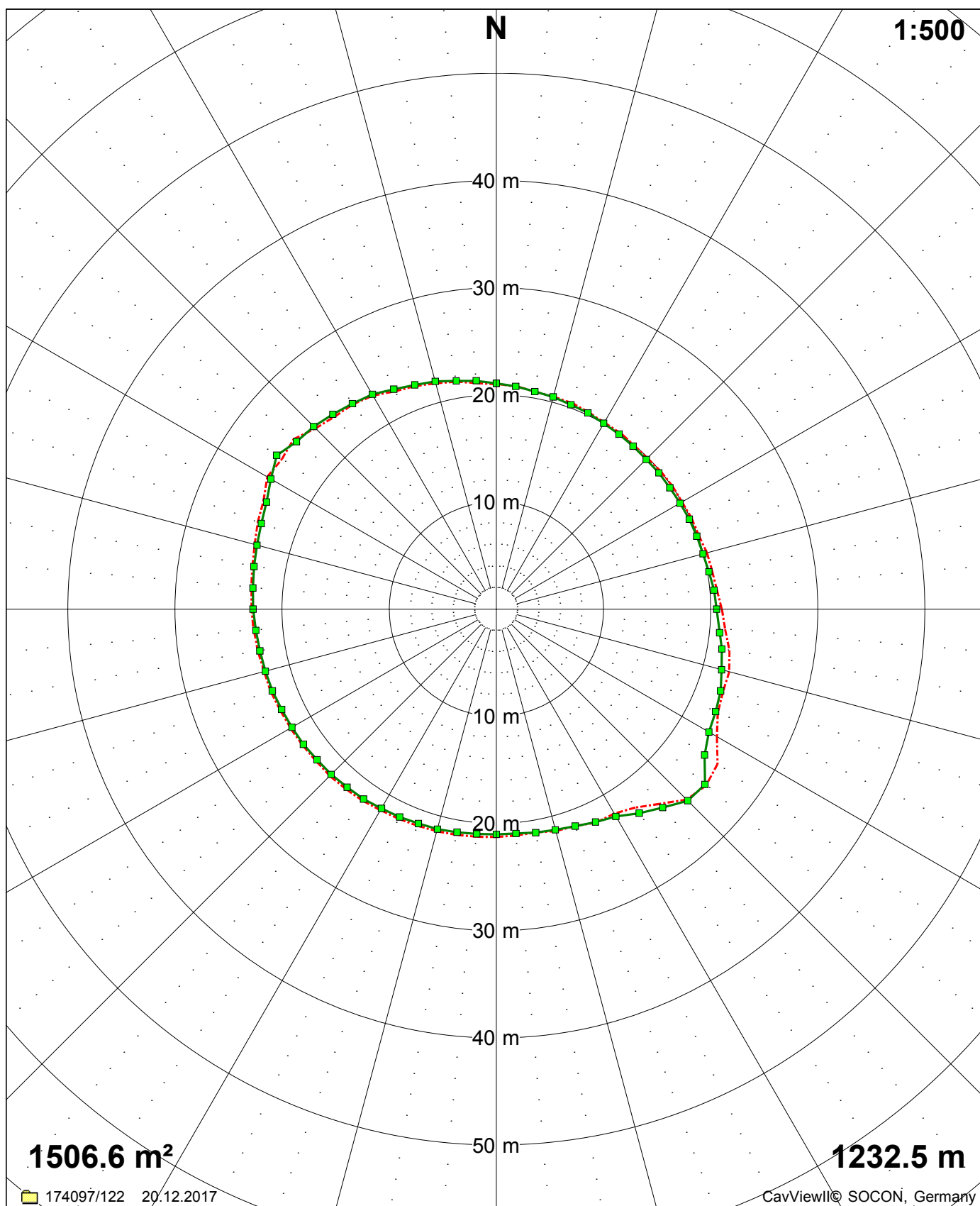
--- (19.05.2014) (1513.8 m²)

--- (20.12.2017) (1492.3 m²)

d_{max}: 49.4 m 130° <--> 310° r_{min}: 19.6 m -> 53° r~: 21.8 m r_{max}: 25.2 m -> 130°

Heiligerlee K

20.12.2017



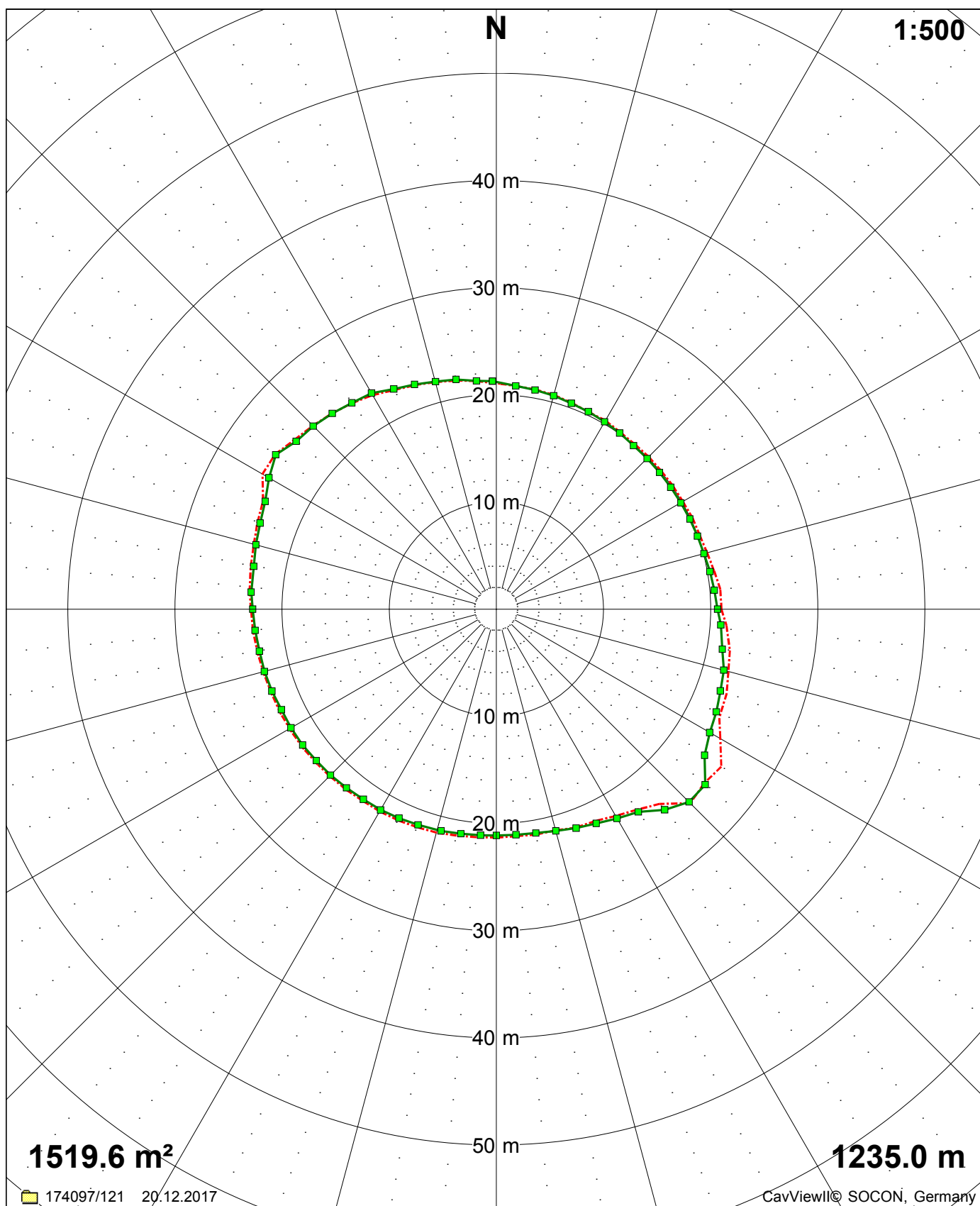
--- (19.05.2014) (1526.5 m²)

--- (20.12.2017) (1506.6 m²)

d_{max}: 49.8 m 130° <--> 310° r_{min}: 19.7 m -> 52° r~: 21.9 m r_{max}: 25.4 m -> 130°

Heiligerlee K

20.12.2017



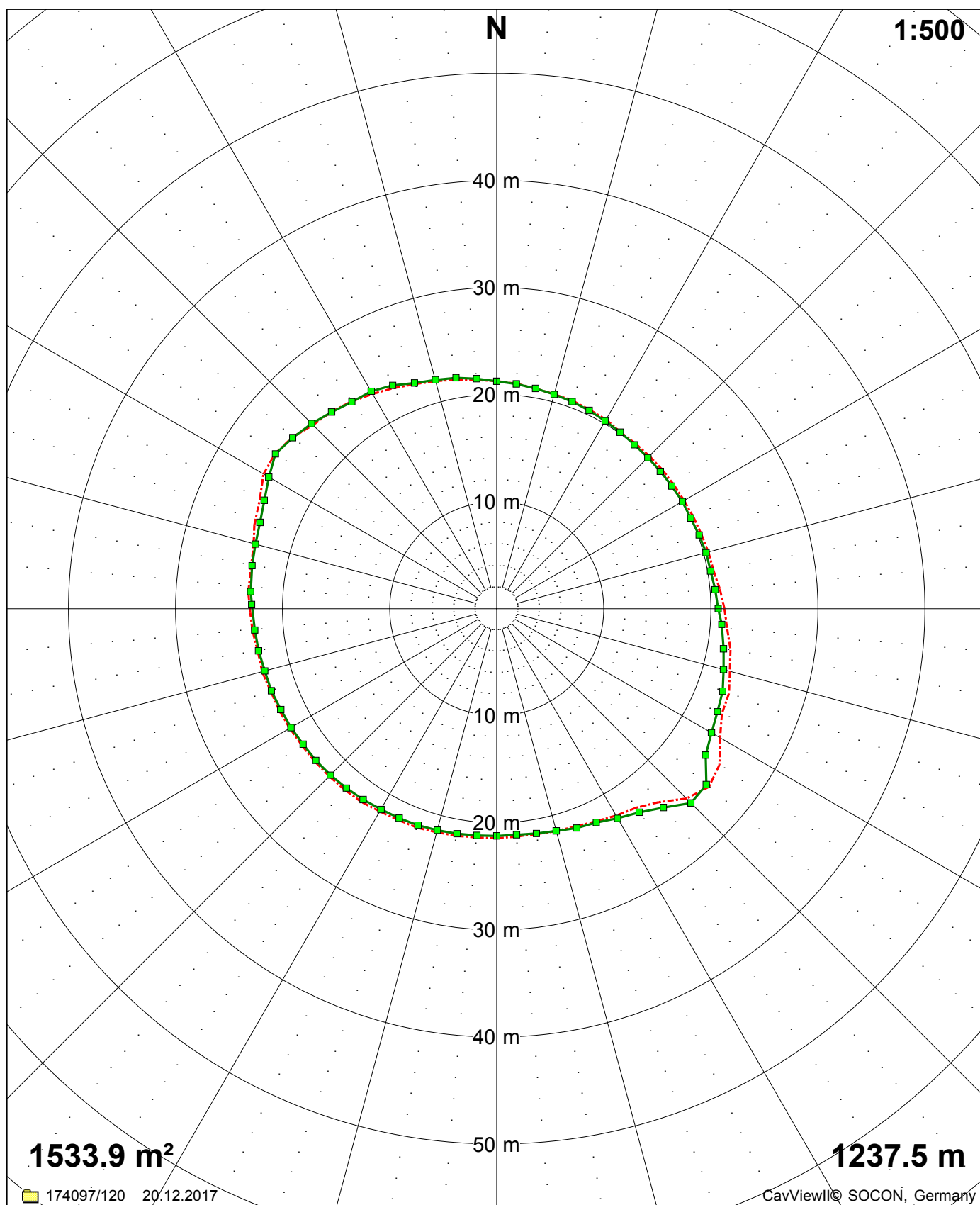
----- (19.05.2014) (1544.6 m²)

----- (20.12.2017) (1519.6 m²)

d_{max}: 49.8 m 130° <--> 310° **r_{min}:** 19.8 m -> 56° **r~:** 22.0 m **r_{max}:** 25.5 m -> 130°

Heiligerlee K

20.12.2017



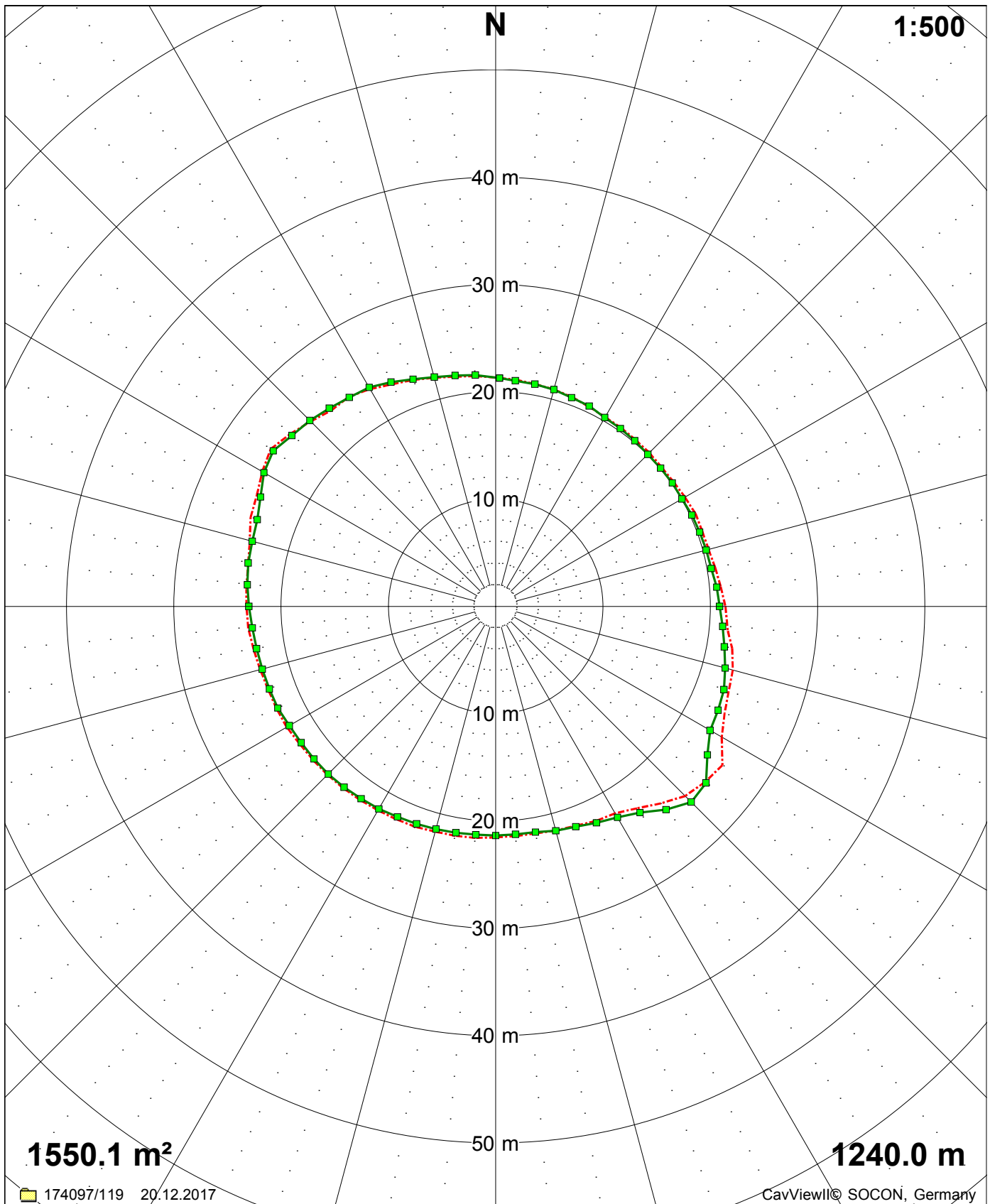
----- (19.05.2014) (1556.0 m²)

----- (20.12.2017) (1533.9 m²)

d_{max}: 50.4 m 130° <--> 310° r_{min}: 19.9 m -> 47° r~: 22.1 m r_{max}: 25.7 m -> 135°

Heiligerlee K

20.12.2017



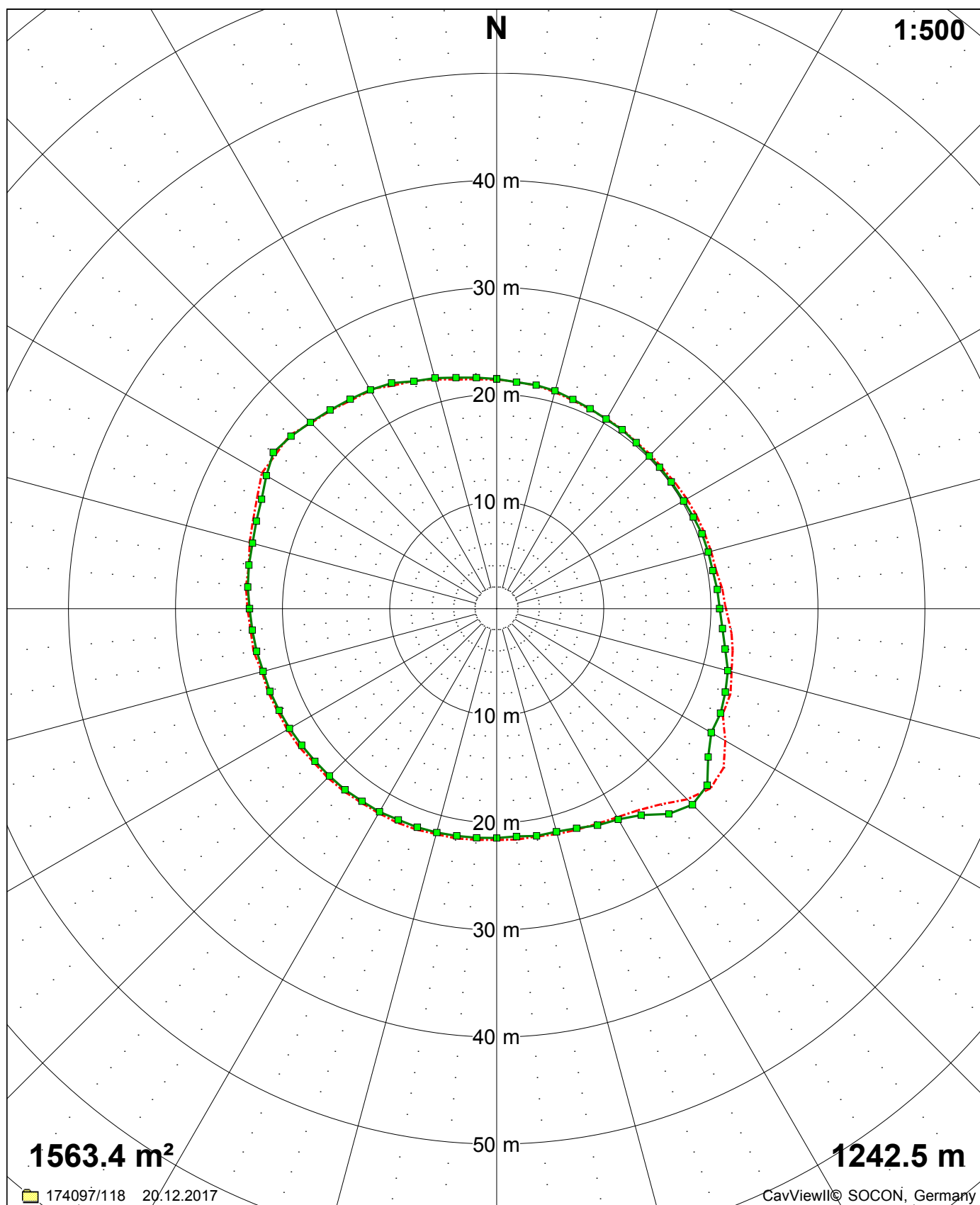
----- (19.05.2014) (1572.9 m²)

----- (20.12.2017) (1550.1 m²)

$d_{\max}$: 50.3 m 130° <--> 310° $r_{\min}$: 20.0 m -> 46° $r_{\sim}$: 22.2 m $r_{\max}$: 25.8 m -> 135°

Heiligerlee K

20.12.2017



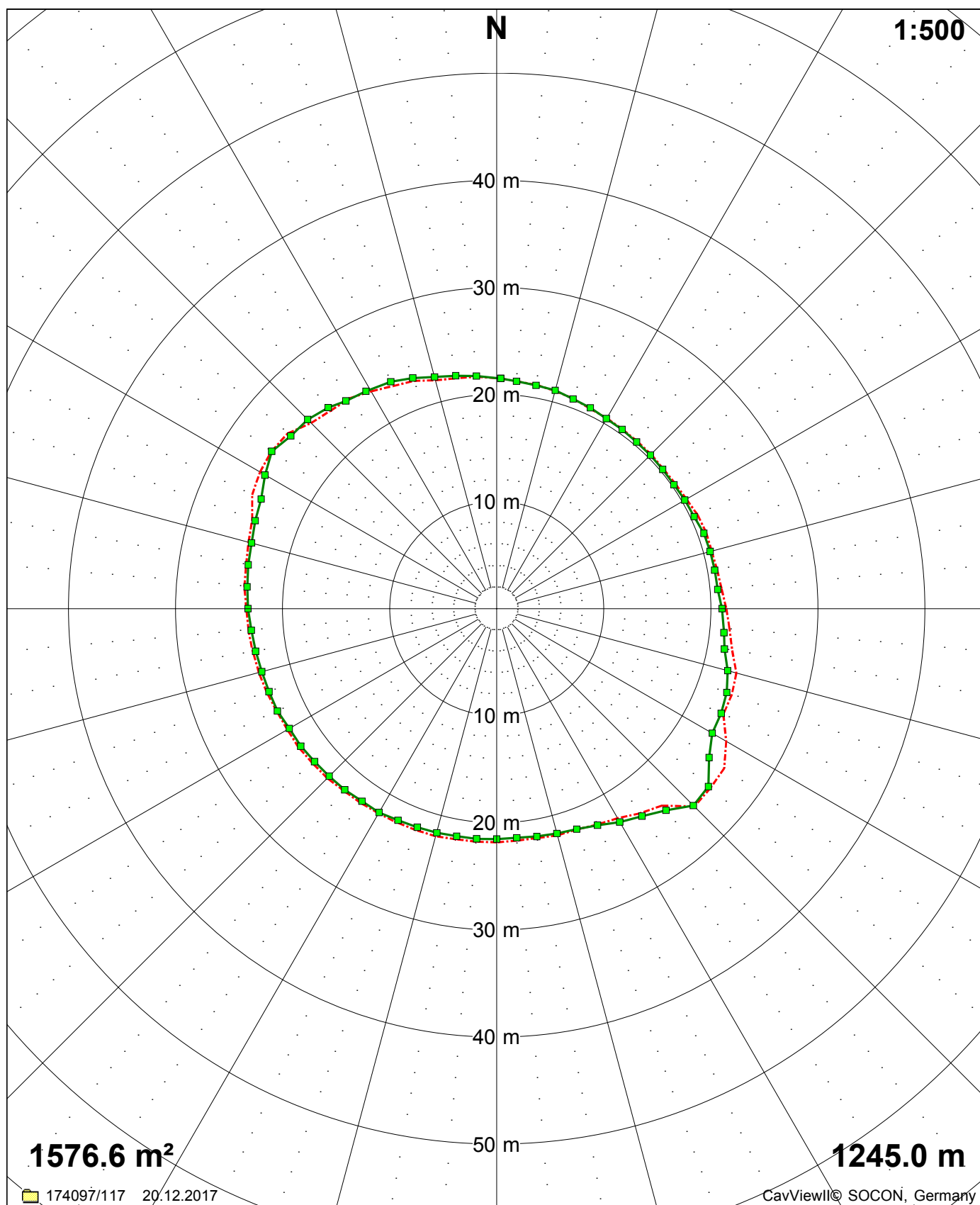
----- (19.05.2014) (1585.9 m²)

----- (20.12.2017) (1563.4 m²)

d_{max}: 50.7 m 130° <--> 310° r_{min}: 20.1 m -> 50° r~: 22.3 m r_{max}: 25.9 m -> 135°

Heiligerlee K

20.12.2017



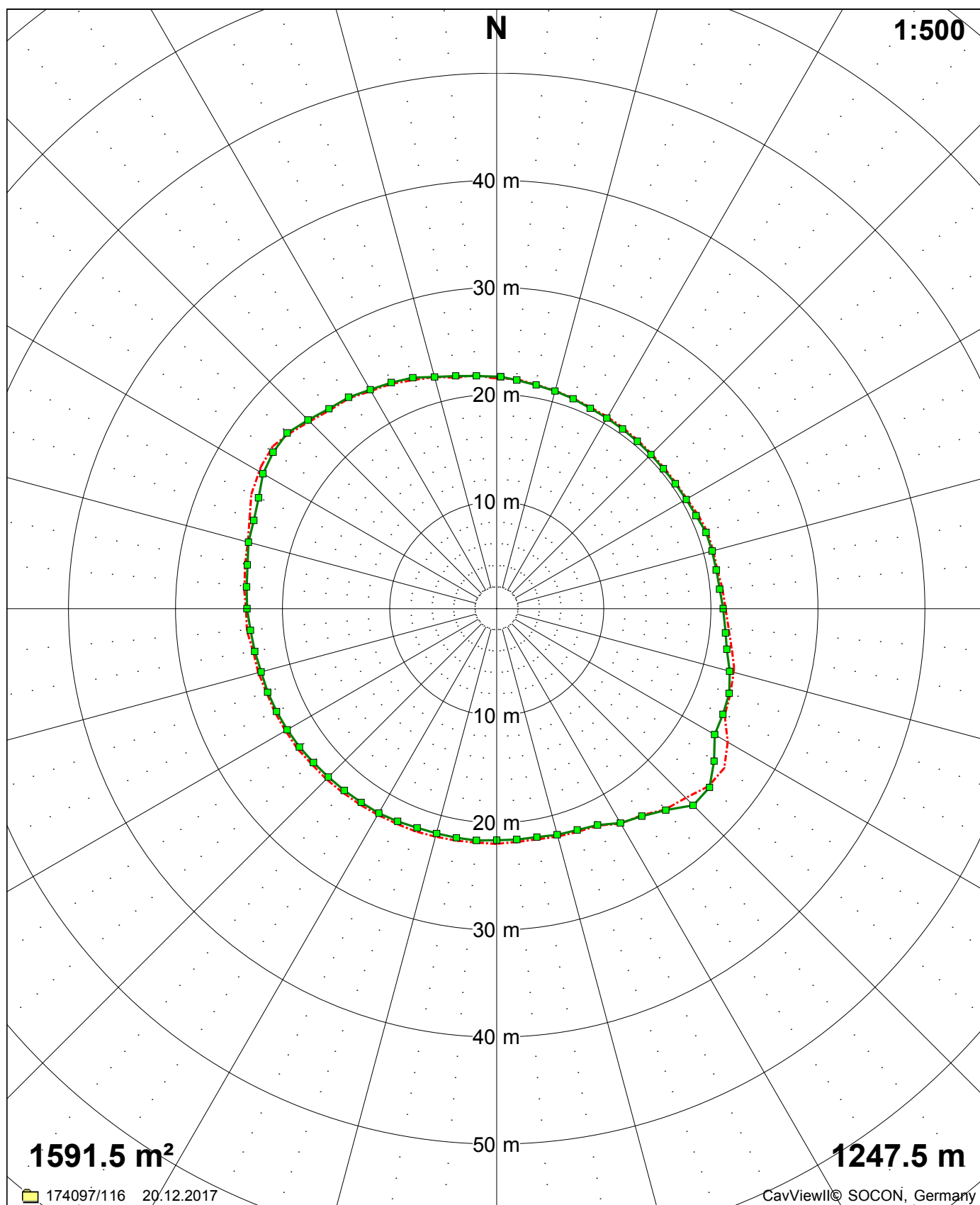
----- (19.05.2014) (1602.4 m²)

----- (20.12.2017) (1576.6 m²)

d_{max}: 51.0 m 135° <--> 315° r_{min}: 20.2 m -> 52° r~: 22.4 m r_{max}: 26.0 m -> 135°

Heiligerlee K

20.12.2017



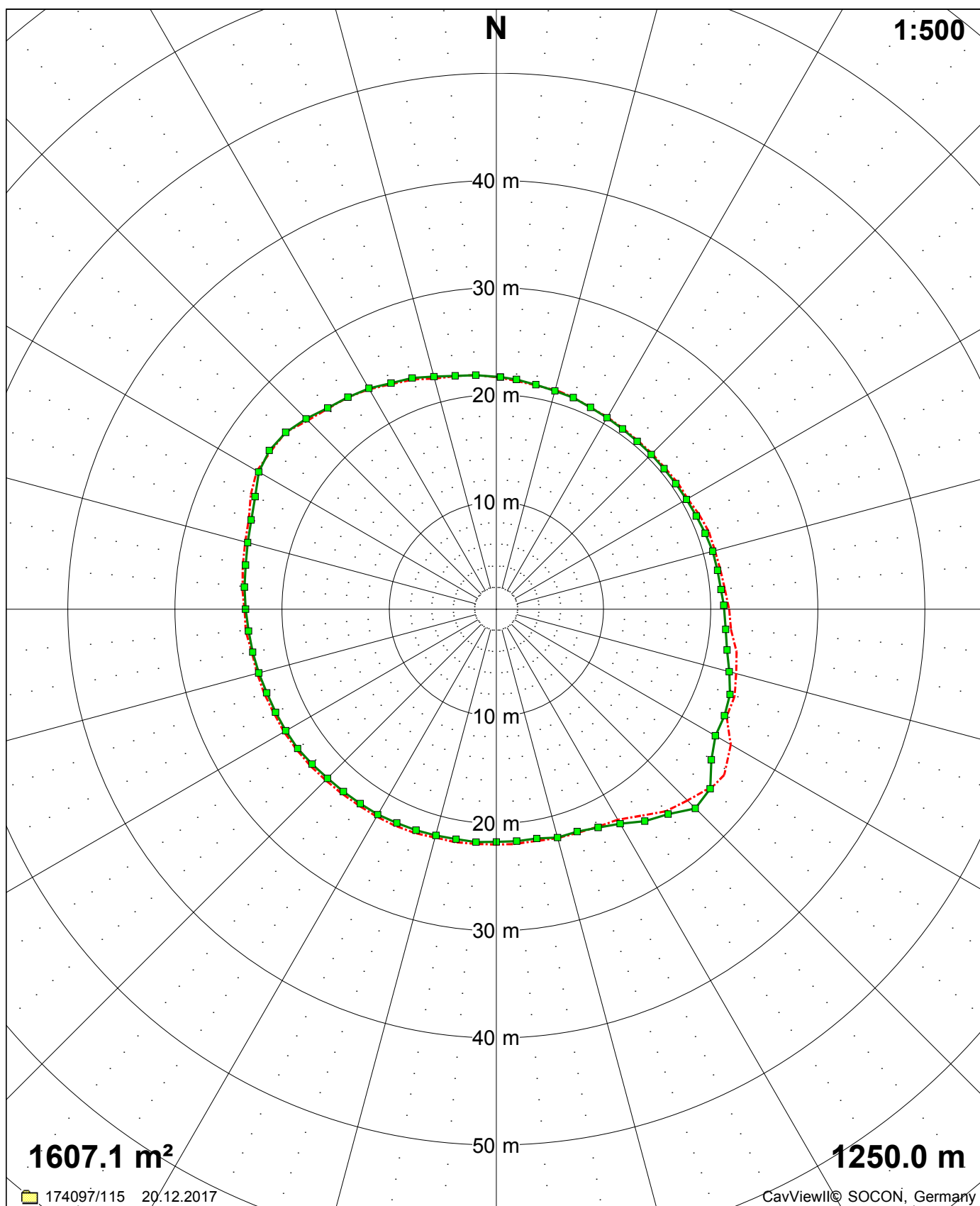
--- (19.05.2014) (1614.0 m²)

--- (20.12.2017) (1591.5 m²)

d_{max}: 51.5 m 130° <--> 310° r_{min}: 20.3 m -> 51° r~: 22.5 m r_{max}: 25.9 m -> 135°

Heiligerlee K

20.12.2017



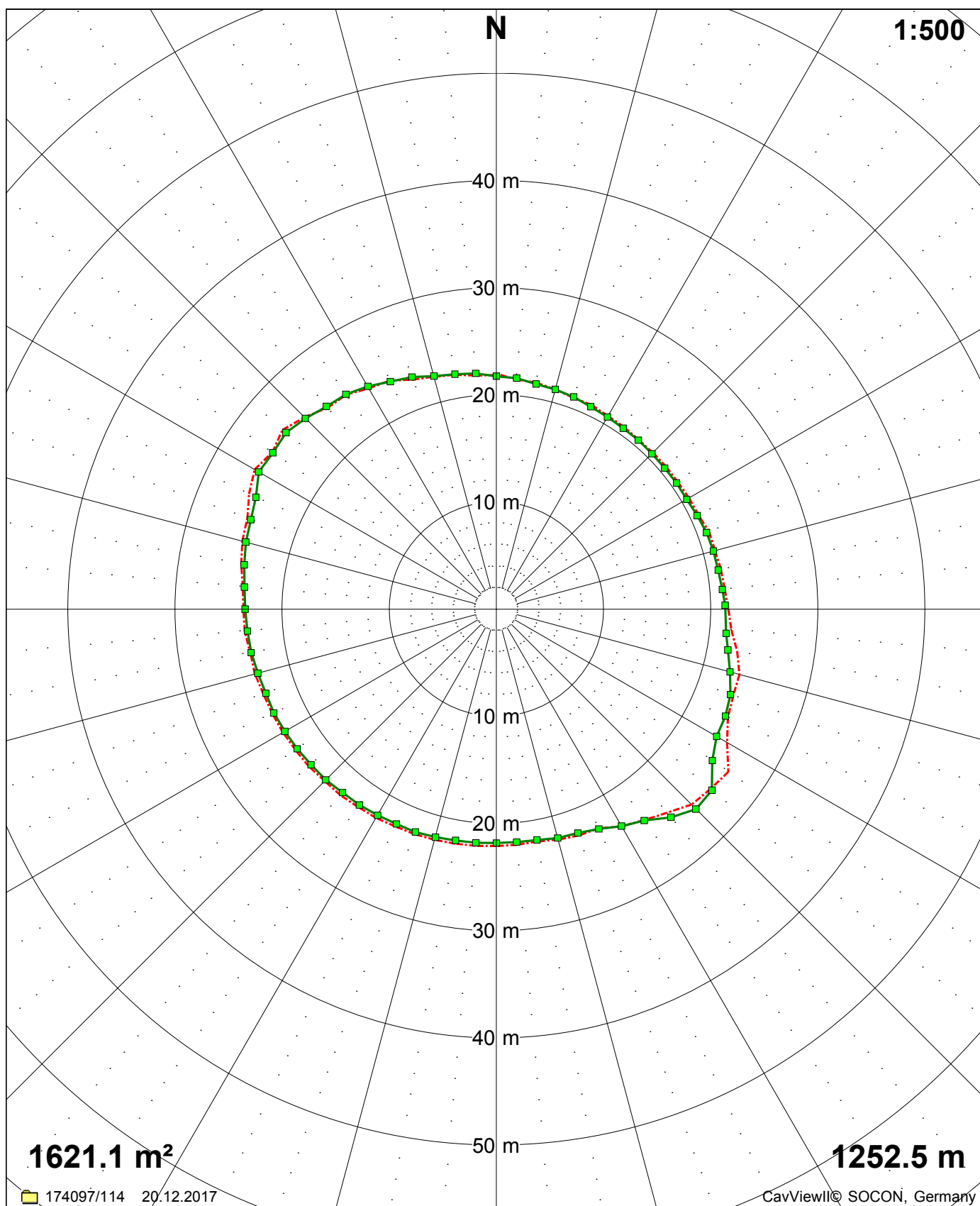
----- (19.05.2014) (1629.8 m²)

—■— (20.12.2017) (1607.1 m²)

d_{max}: 51.7 m 130° <--> 310° r_{min}: 20.4 m -> 47° r~: 22.6 m r_{max}: 26.3 m -> 135°

Heiligerlee K

20.12.2017



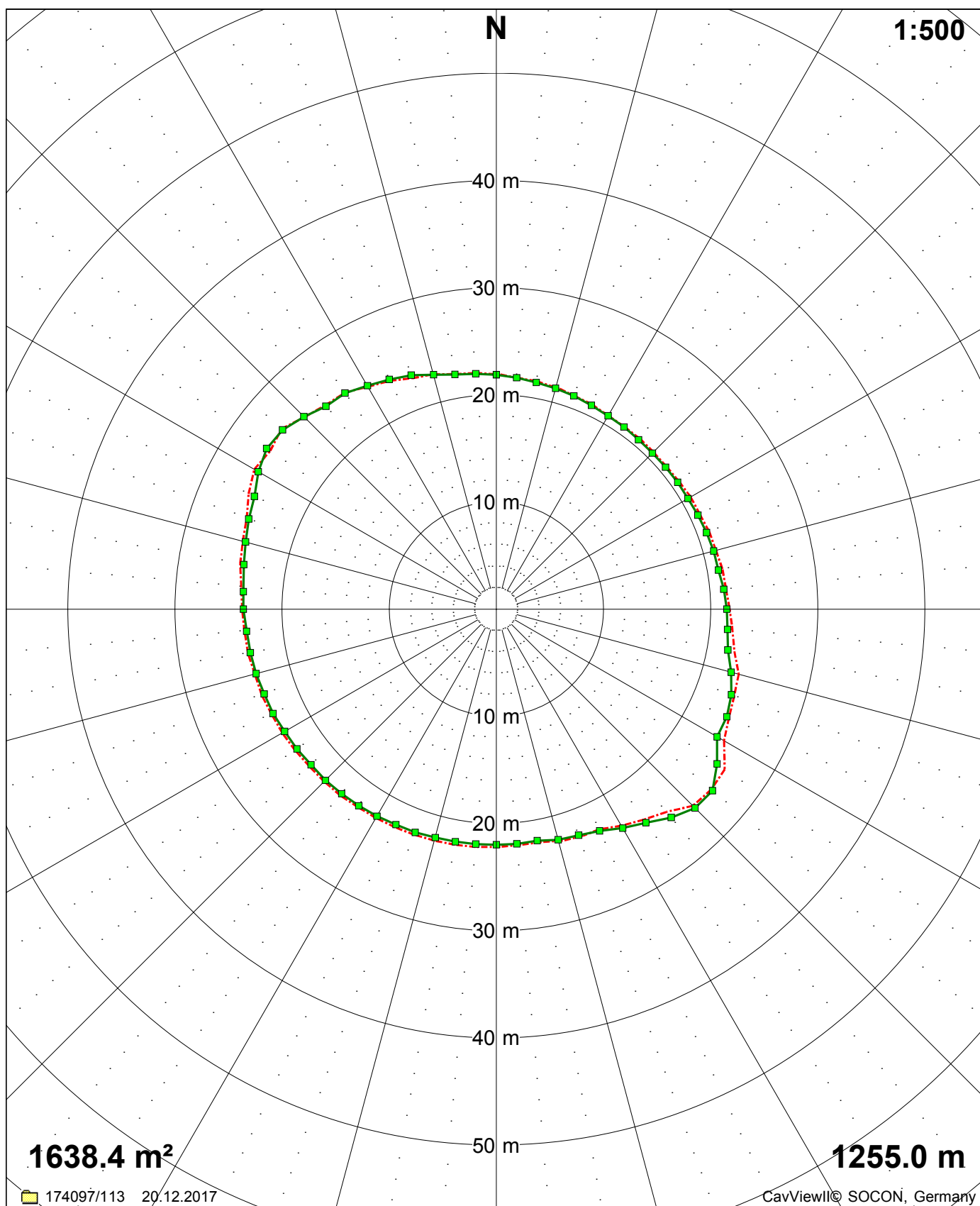
----- (19.05.2014) (1649.6 m²)

—■— (20.12.2017) (1621.1 m²)

d_{max}: 51.9 m 130° <--> 310° r_{min}: 20.5 m -> 47° r~: 22.7 m r_{max}: 26.3 m -> 135°

Heiligerlee K

20.12.2017



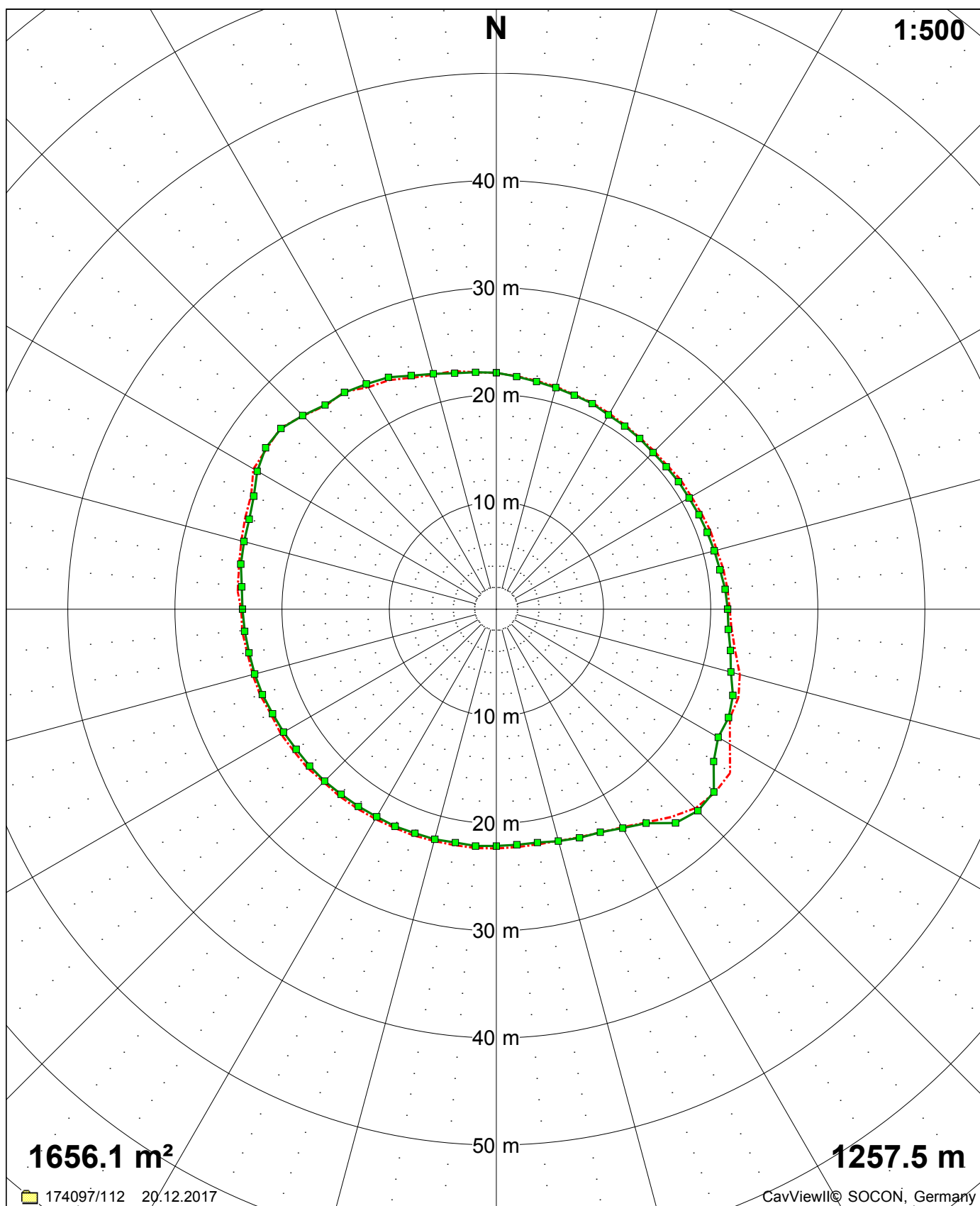
----- (19.05.2014) (1660.3 m²)

----- (20.12.2017) (1638.4 m²)

d_{max}: 52.4 m 130° <--> 310° r_{min}: 20.6 m -> 46° r~: 22.8 m r_{max}: 26.3 m -> 130°

Heiligerlee K

20.12.2017



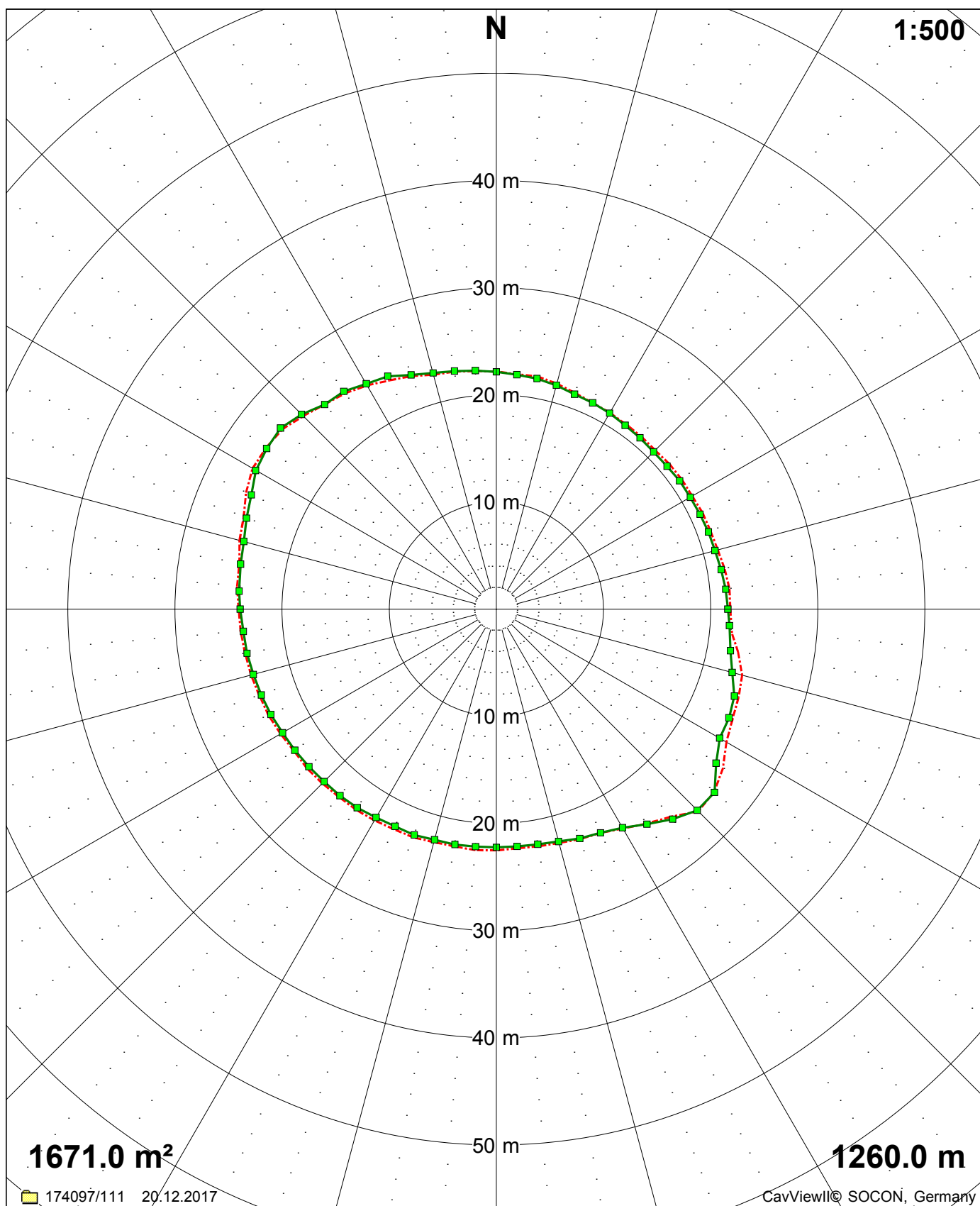
--- (19.05.2014) (1681.8 m²)

—■— (20.12.2017) (1656.1 m²)

$d_{\max}$: 52.7 m 130° <--> 310° $r_{\min}$: 20.6 m -> 47° $r_{\sim}$: 23.0 m $r_{\max}$: 26.6 m -> 135°

Heiligerlee K

20.12.2017



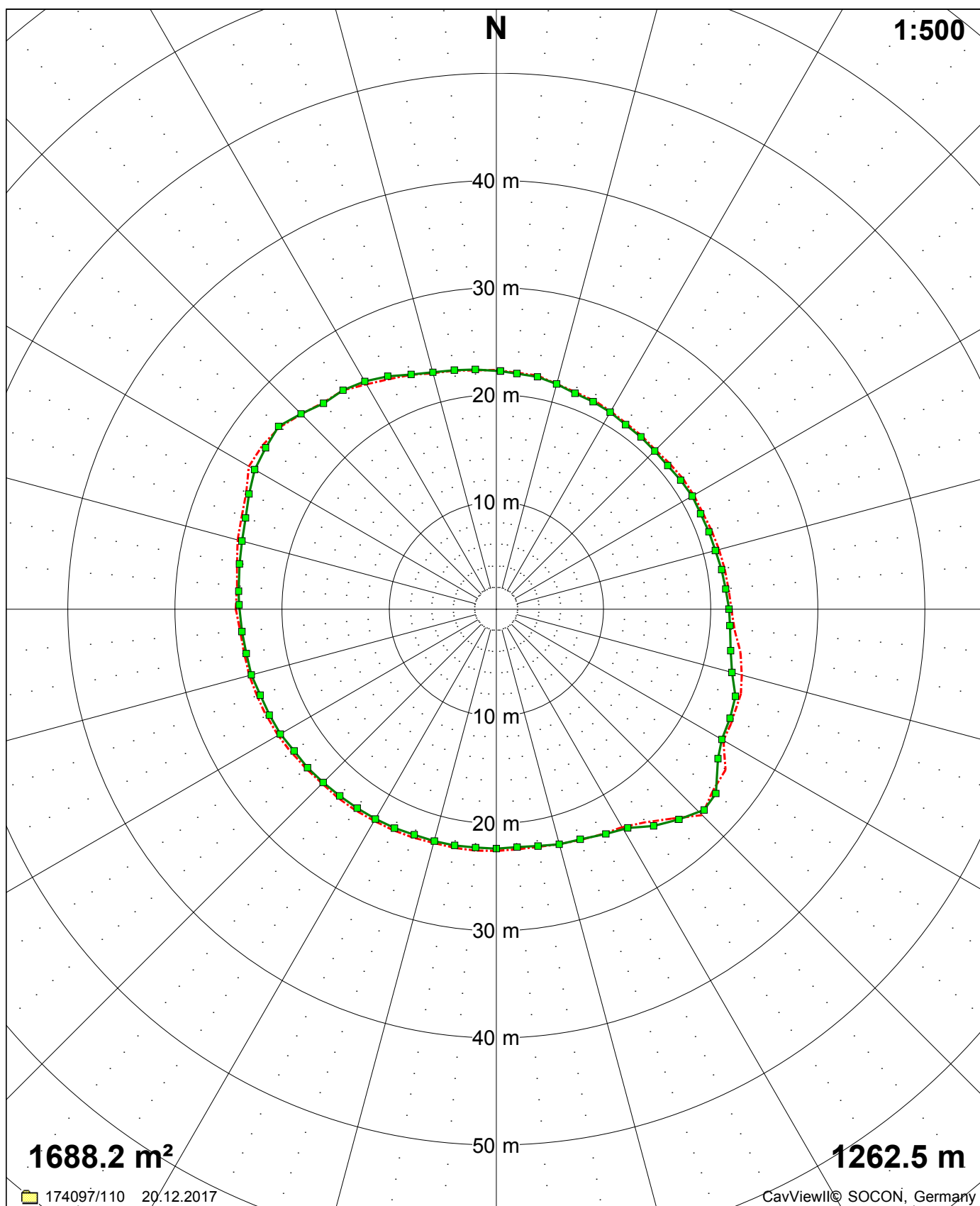
--- (19.05.2014) (1696.2 m²)

—■ (20.12.2017) (1671.0 m²)

d_{max}: 52.9 m 130° <--> 310° r_{min}: 20.7 m -> 46° r~: 23.1 m r_{max}: 26.6 m -> 130°

Heiligerlee K

20.12.2017



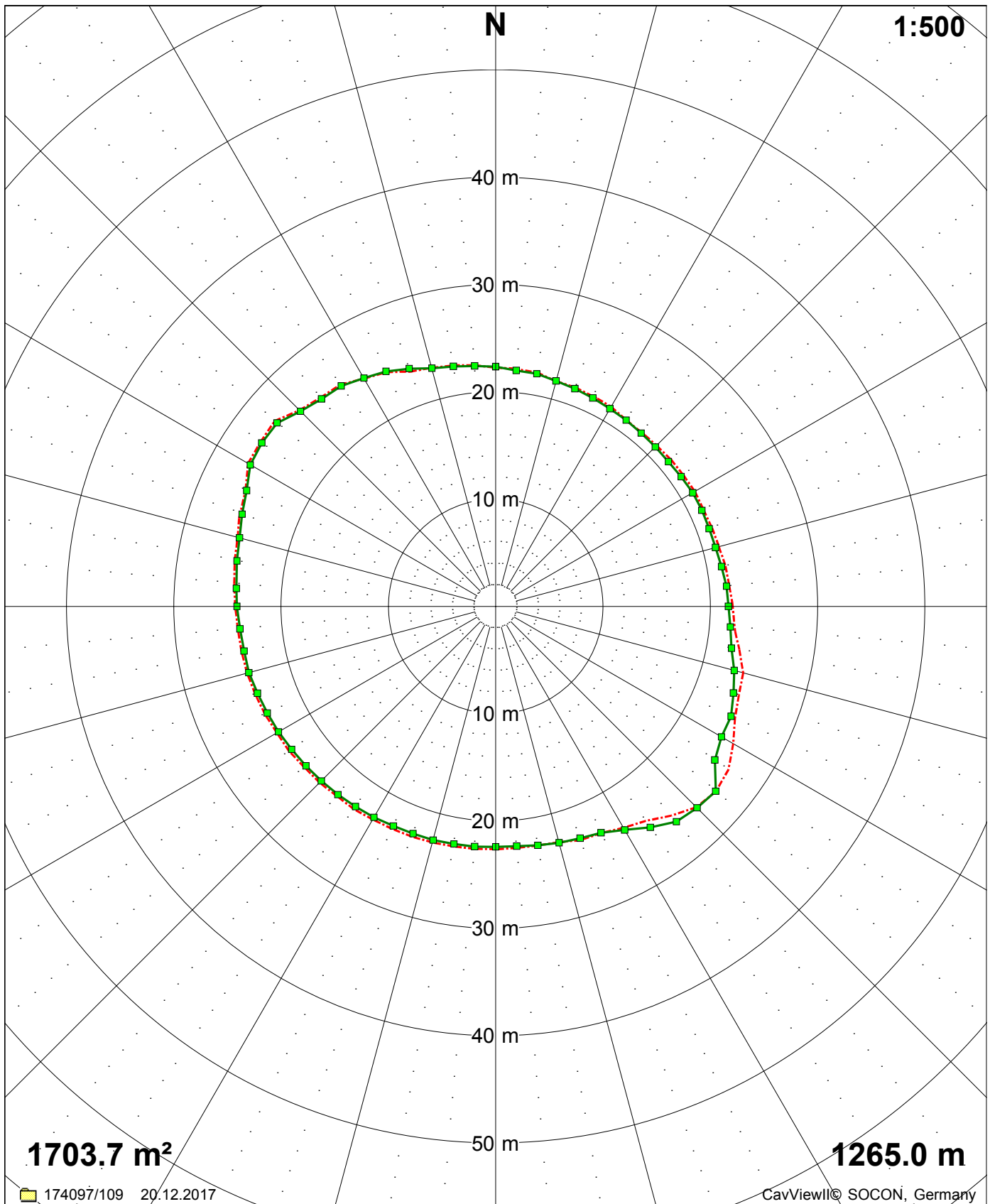
----- (19.05.2014) (1713.9 m²)

----- (20.12.2017) (1688.2 m²)

$d_{\max}$: 53.3 m 130° <--> 310° $r_{\min}$: 20.8 m -> 47° $r_{\sim}$: 23.2 m $r_{\max}$: 26.9 m -> 134°

Heiligerlee K

20.12.2017



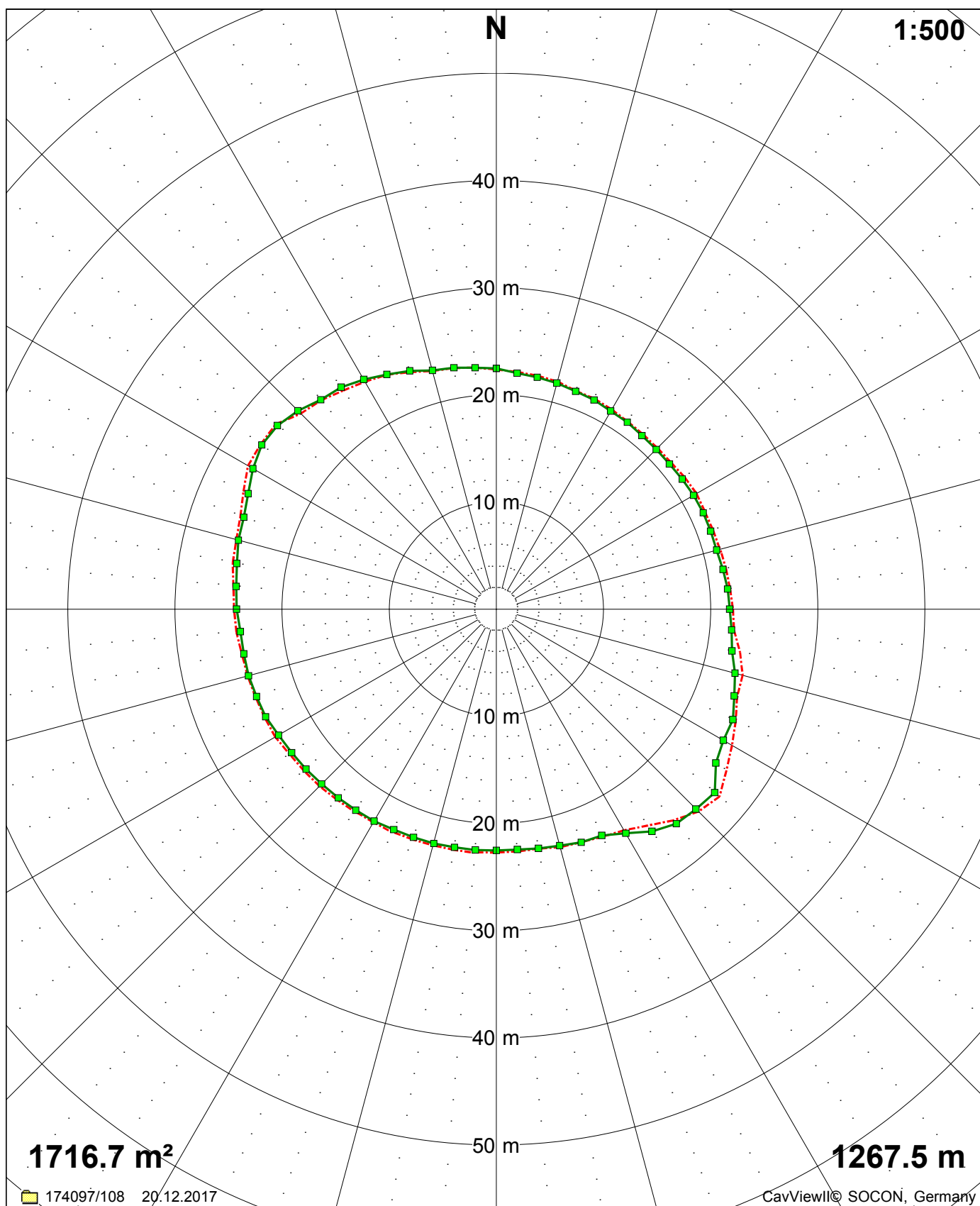
----- (19.05.2014) (1732.3 m²)

—■— (20.12.2017) (1703.7 m²)

$d_{\max}$: 53.3 m 130° <--> 310° $r_{\min}$: 21.0 m -> 48° $r_{\sim}$: 23.3 m $r_{\max}$: 26.7 m -> 130°

Heiligerlee K

20.12.2017



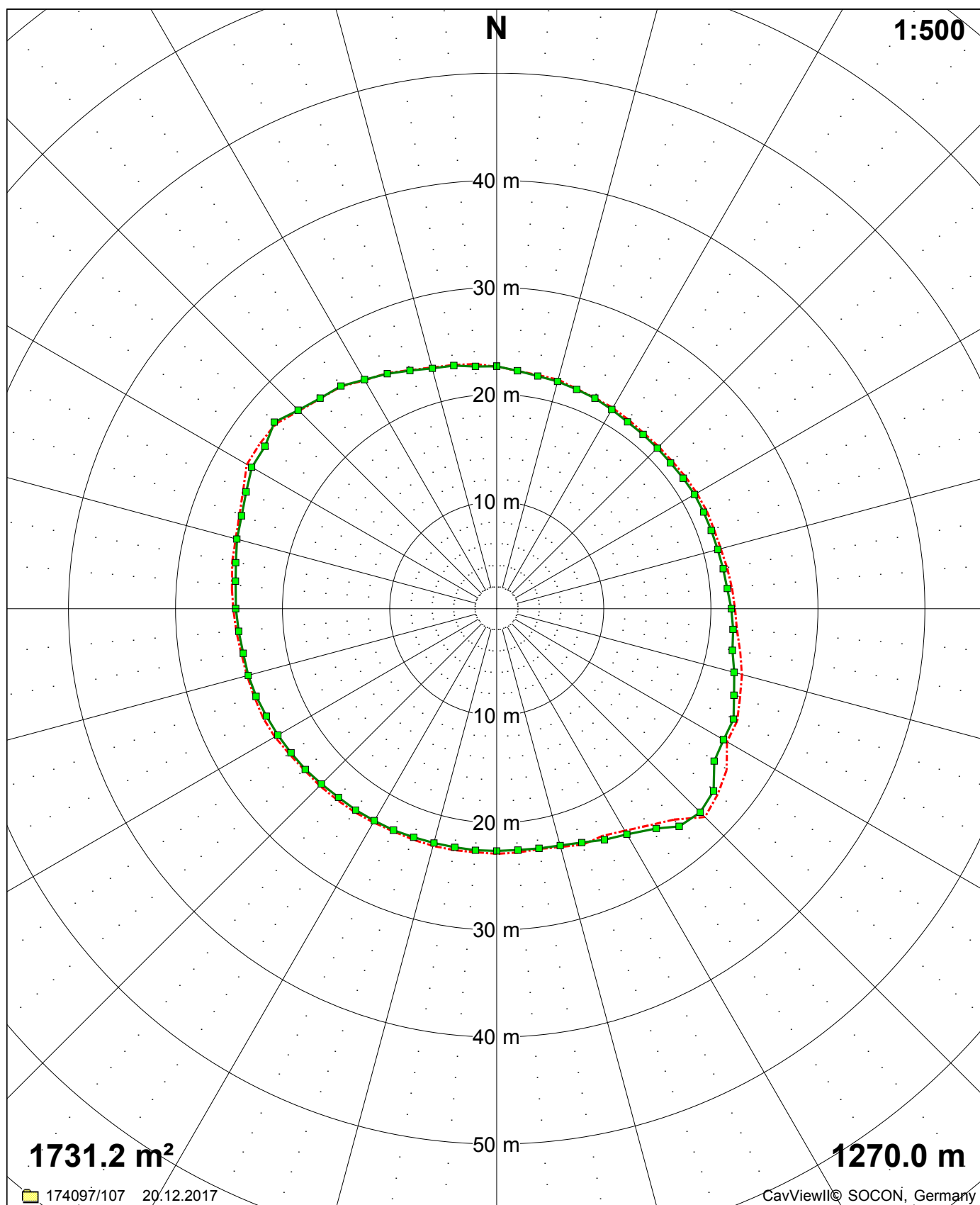
----- (19.05.2014) (1744.0 m²)

—■— (20.12.2017) (1716.7 m²)

d_{max}: 53.3 m 130° <--> 310° r_{min}: 21.0 m -> 47° r~: 23.4 m r_{max}: 26.7 m -> 305°

Heiligerlee K

20.12.2017



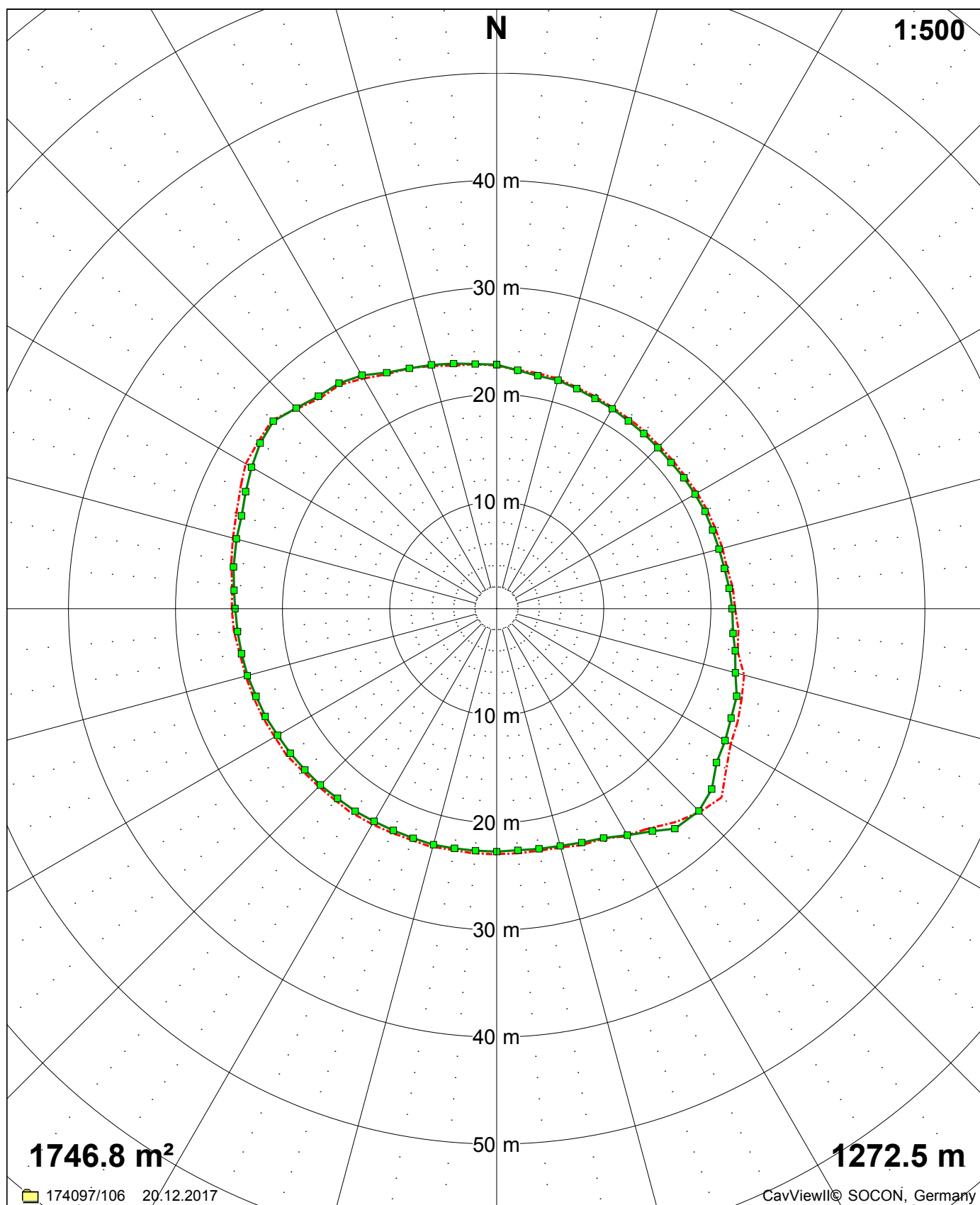
----- (19.05.2014) (1761.4 m²)

—■— (20.12.2017) (1731.2 m²)

d_{max}: 53.5 m 130° <--> 310° r_{min}: 21.2 m -> 47° r~: 23.5 m r_{max}: 27.1 m -> 310°

Heiligerlee K

20.12.2017



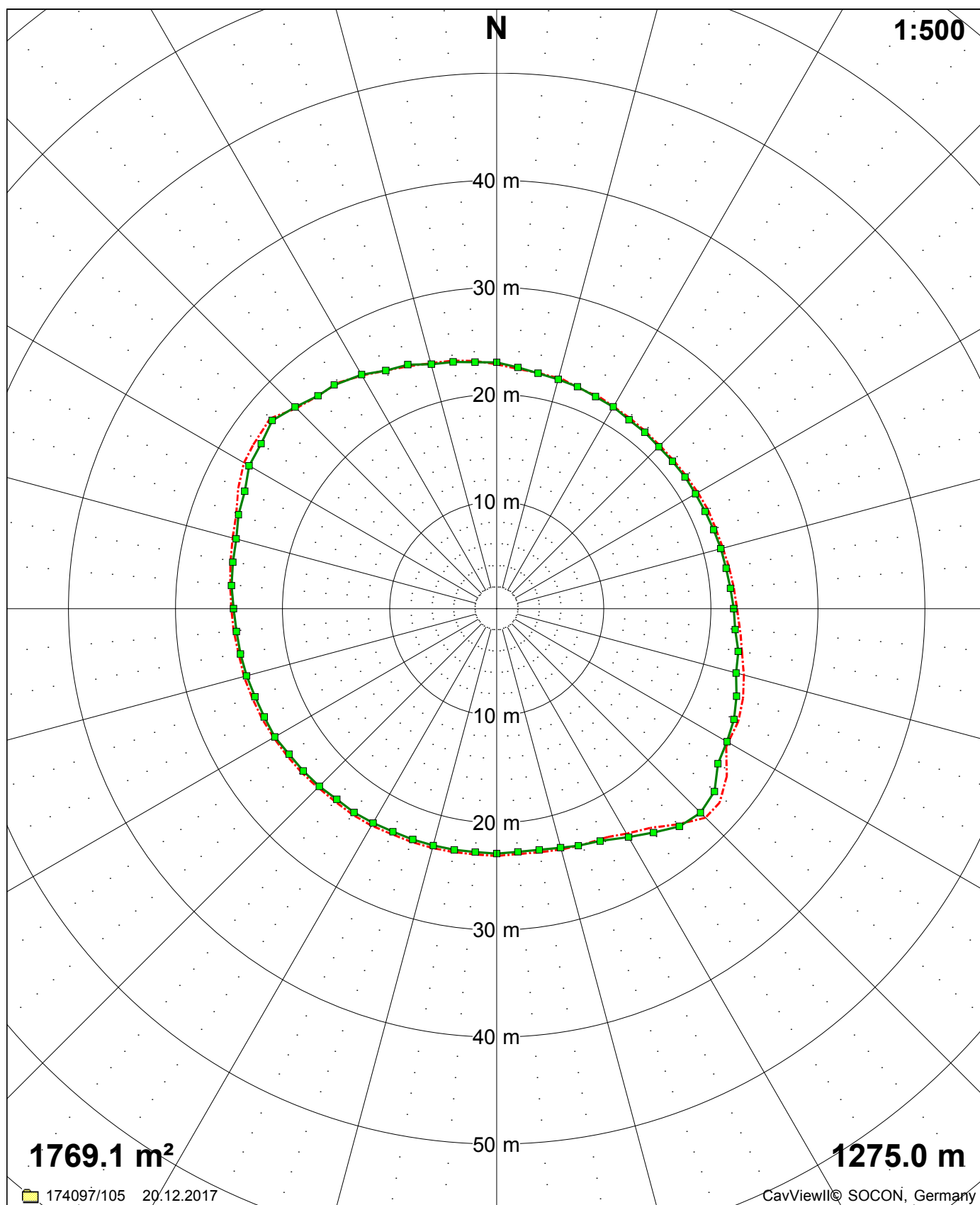
--- (19.05.2014) (1780.1 m²)

—■— (20.12.2017) (1746.8 m²)

$d_{\max}$: 53.4 m 130° <--> 310° $r_{\min}$: 21.2 m -> 47° $r_{\sim}$: 23.6 m $r_{\max}$: 27.2 m -> 310°

Heiligerlee K

20.12.2017



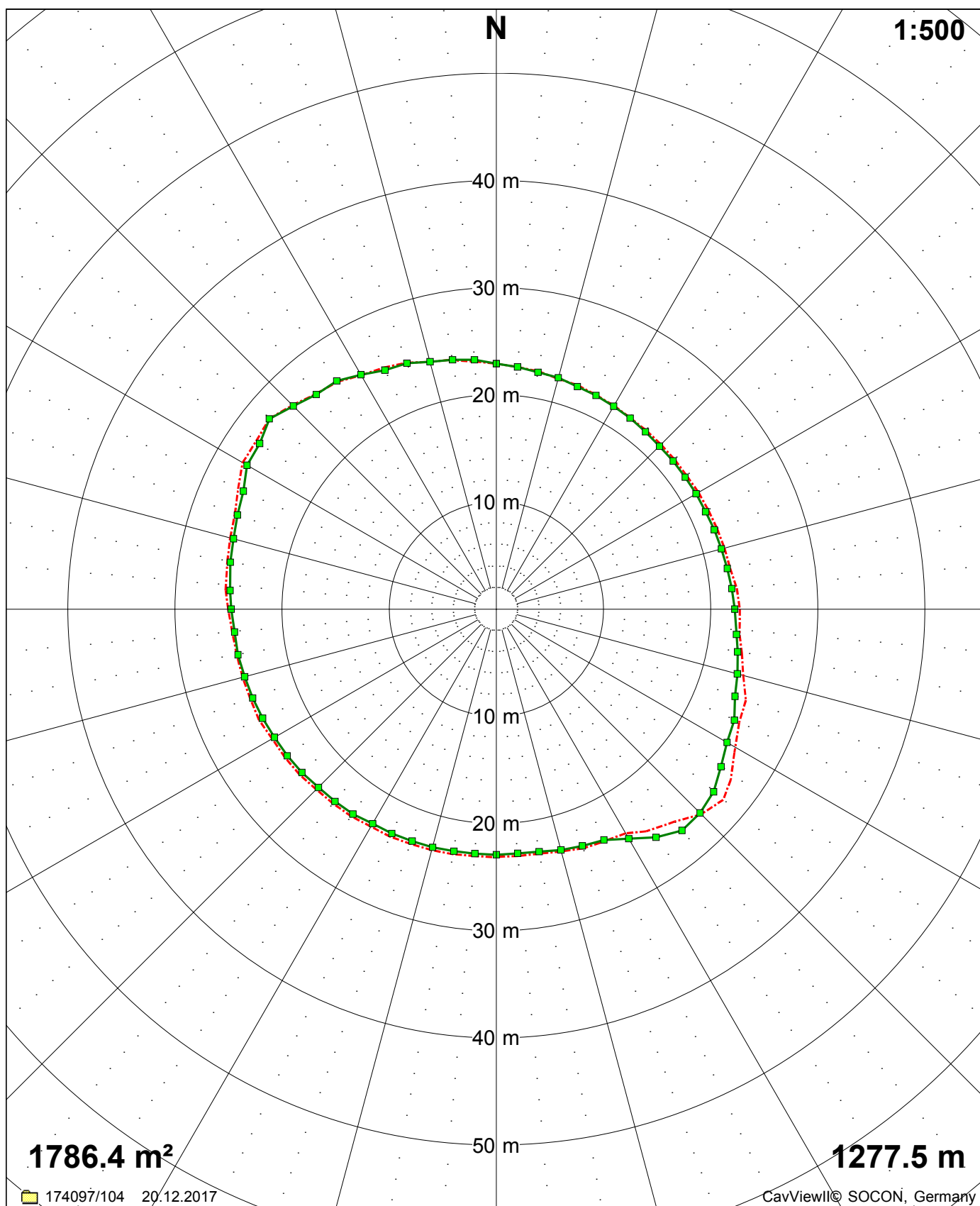
----- (19.05.2014) (1799.5 m²)

—■— (20.12.2017) (1769.1 m²)

$d_{\max}$: 53.9 m 130° <--> 310° $r_{\min}$: 21.4 m -> 46° $r_{\sim}$: 23.7 m $r_{\max}$: 27.4 m -> 310°

Heiligerlee K

20.12.2017



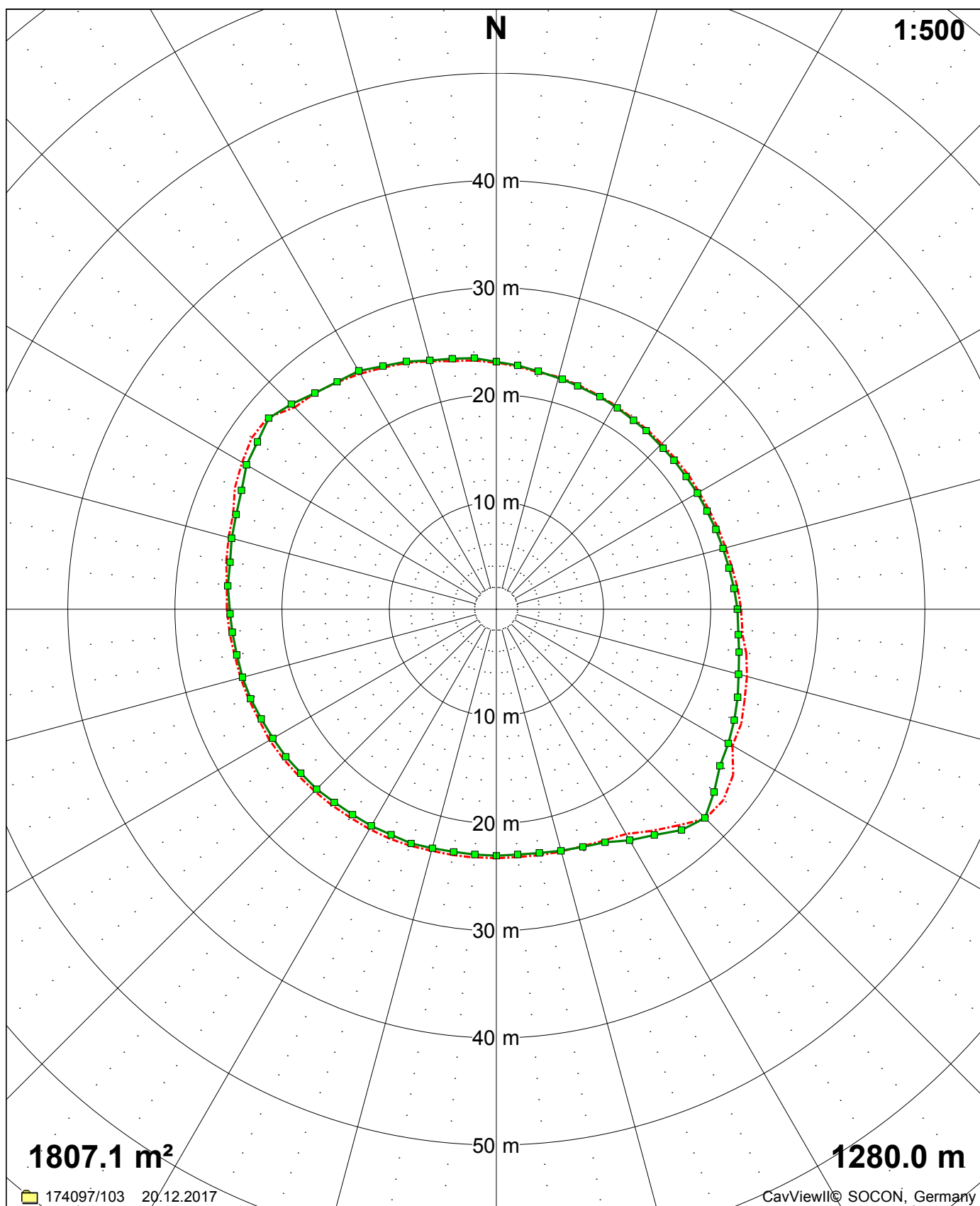
--- (19.05.2014) (1820.2 m²)

—■— (20.12.2017) (1786.4 m²)

d_{max}: 54.1 m 130° <--> 310° r_{min}: 21.5 m -> 52° r~: 23.8 m r_{max}: 27.6 m -> 310°

Heiligerlee K

20.12.2017



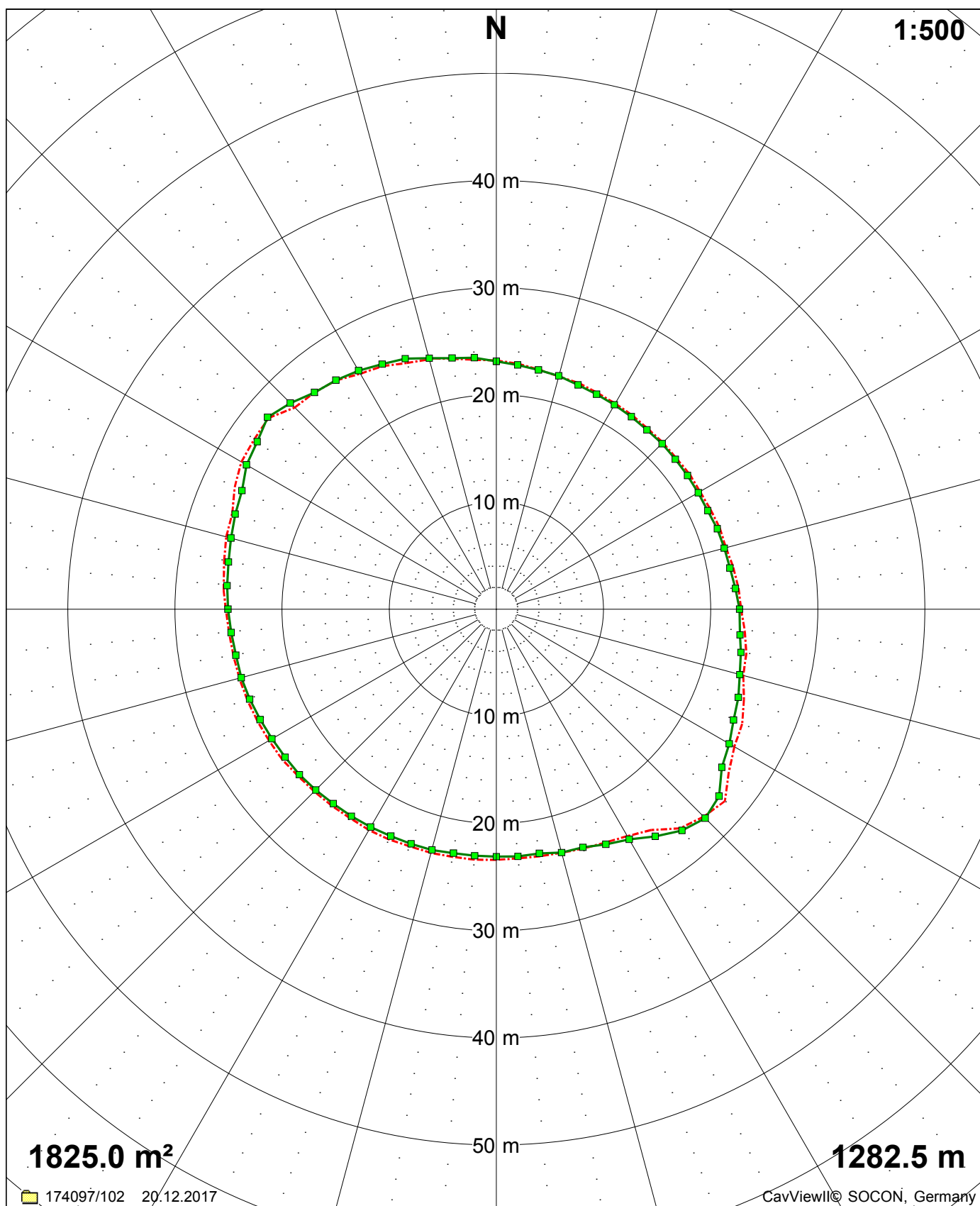
----- (19.05.2014) (1838.4 m²)

—■— (20.12.2017) (1807.1 m²)

$d_{\max}$: 54.6 m 135° <--> 315° $r_{\min}$: 21.6 m -> 52° $r_{\sim}$: 24.0 m $r_{\max}$: 27.7 m -> 310°

Heiligerlee K

20.12.2017



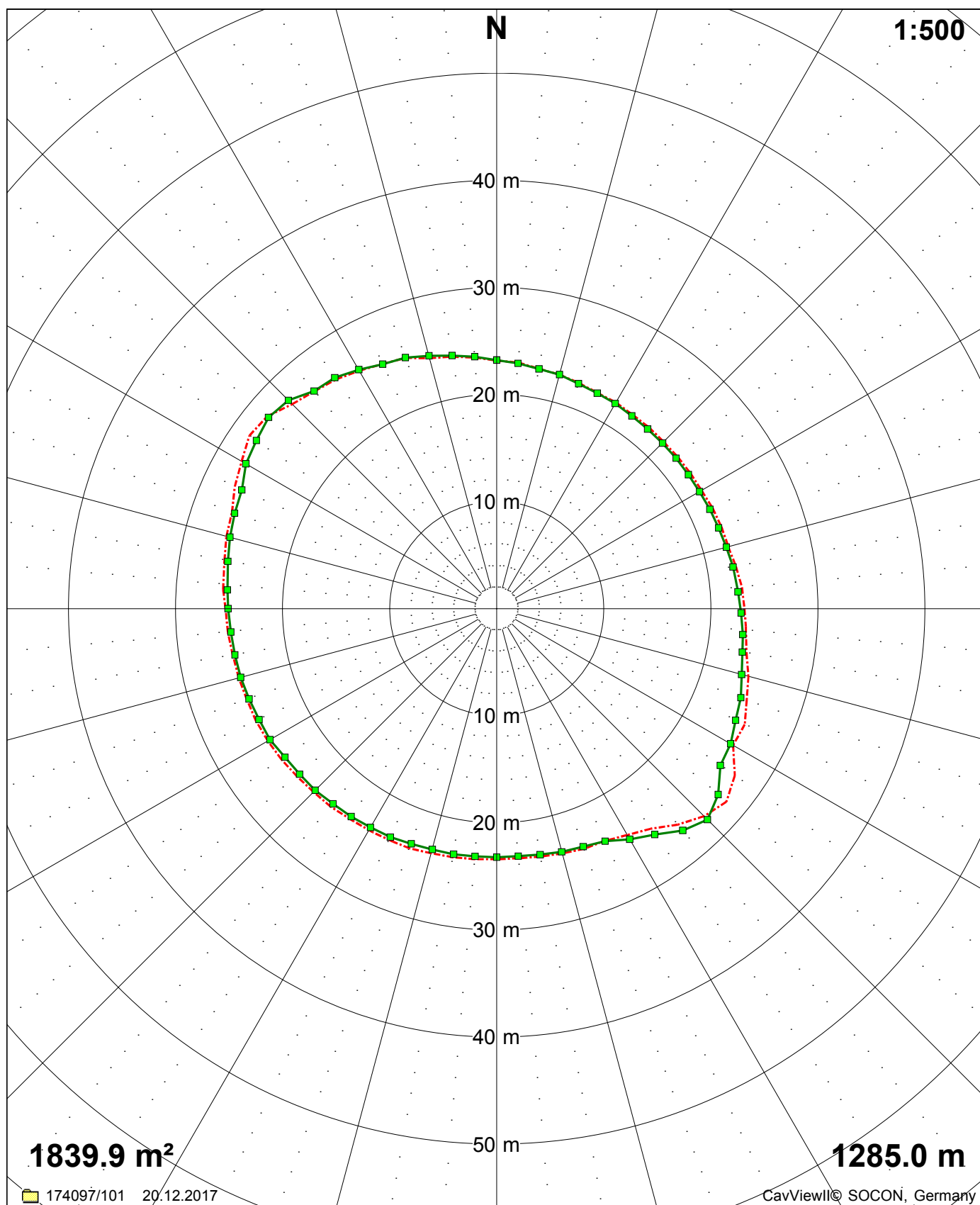
--- (19.05.2014) (1852.2 m²)

—■— (20.12.2017) (1825.0 m²)

d_{max}: 55.0 m 130° <--> 310° r_{min}: 21.7 m -> 62° r~: 24.1 m r_{max}: 27.9 m -> 310°

Heiligerlee K

20.12.2017

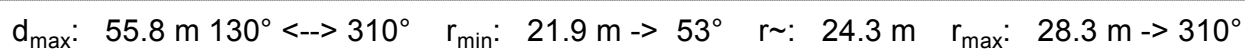


----- (19.05.2014) (1871.9 m²)

----- (20.12.2017) (1839.9 m²)

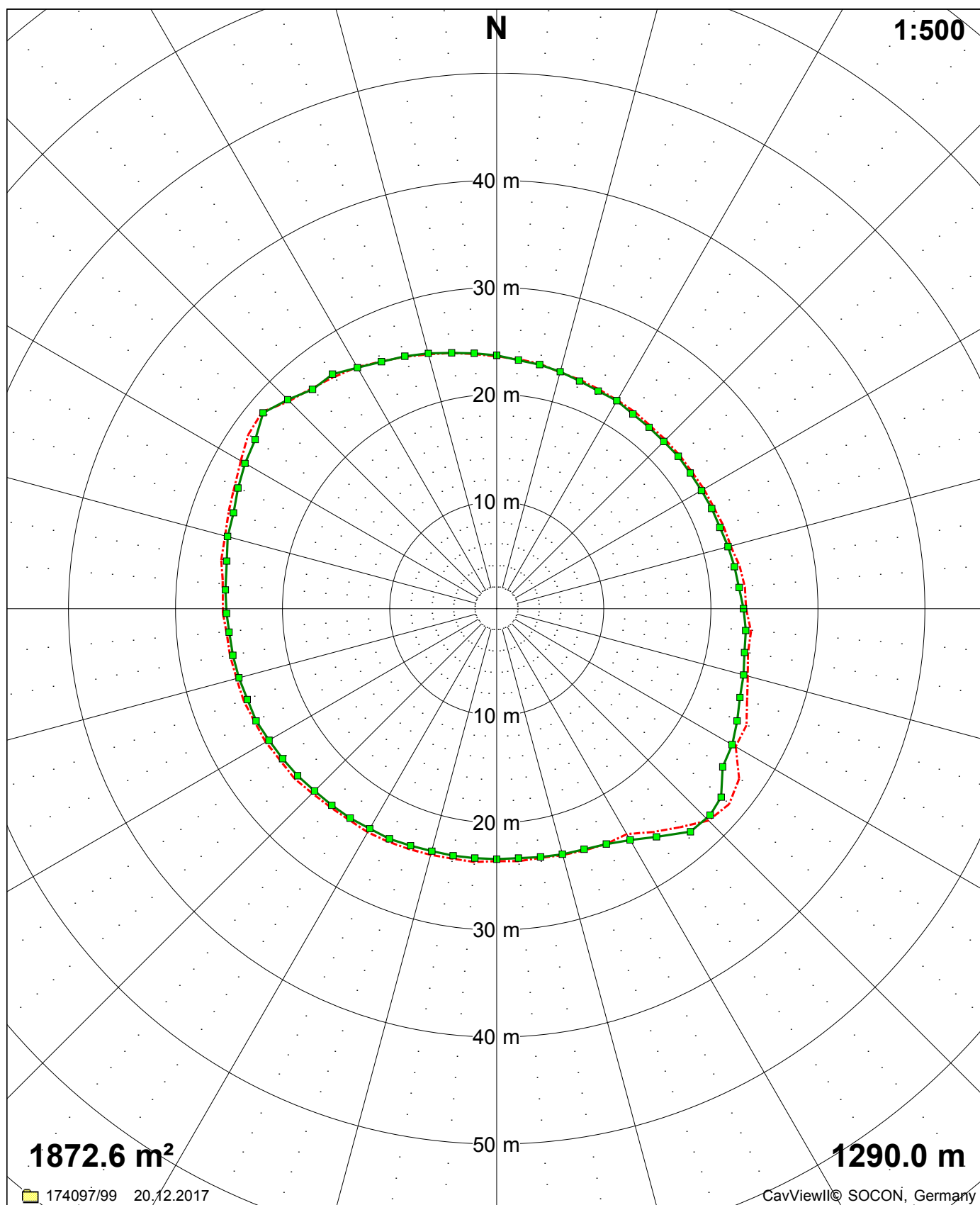
d_{max}: 55.3 m 135° <--> 315° r_{min}: 21.8 m -> 56° r~: 24.2 m r_{max}: 27.8 m -> 135°

20.12.2017



Heiligerlee K

20.12.2017



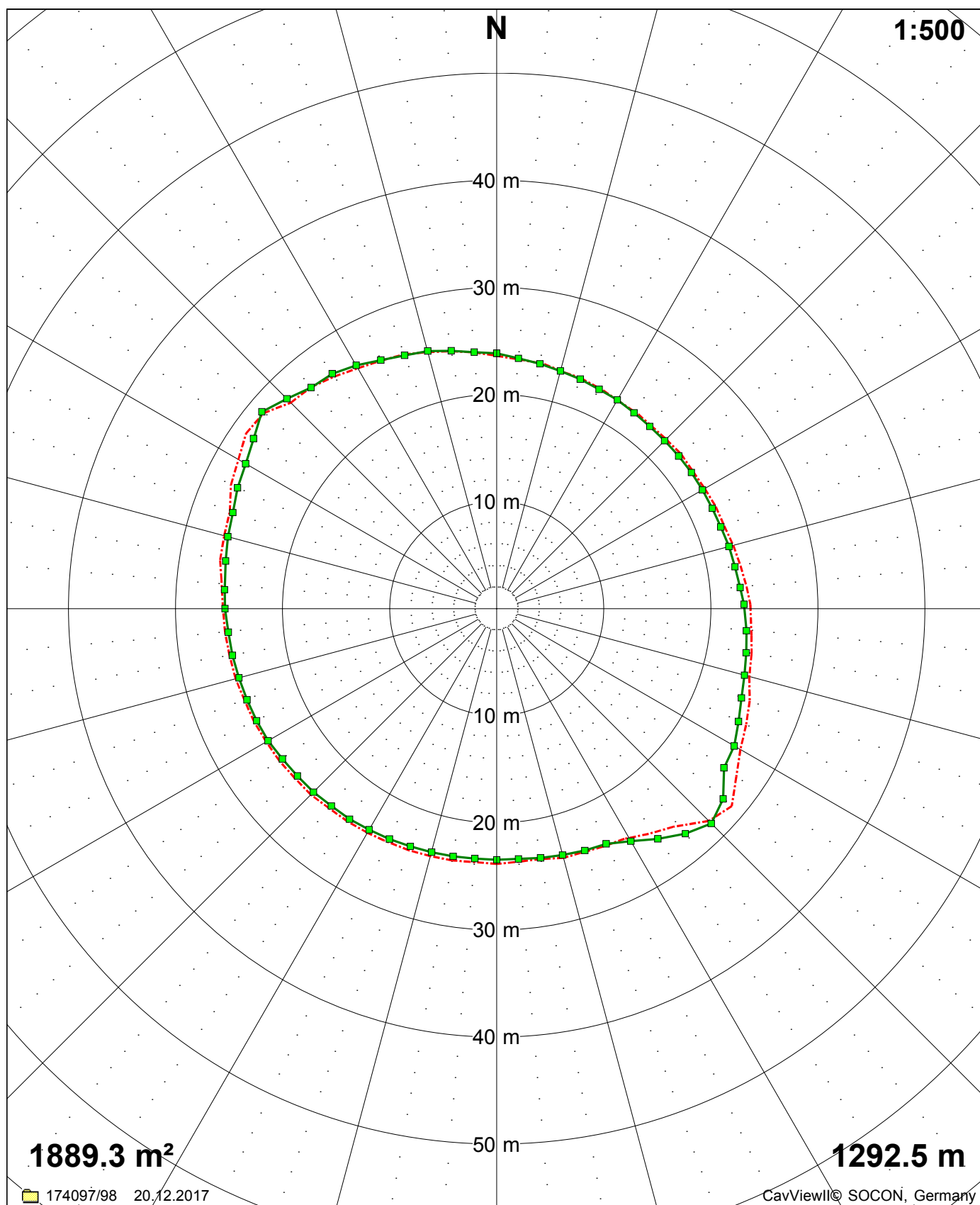
----- (19.05.2014) (1909.2 m²)

----- (20.12.2017) (1872.6 m²)

d_{max}: 55.8 m 130° <--> 310° r_{min}: 22.1 m -> 56° r~: 24.4 m r_{max}: 28.5 m -> 310°

Heiligerlee K

20.12.2017



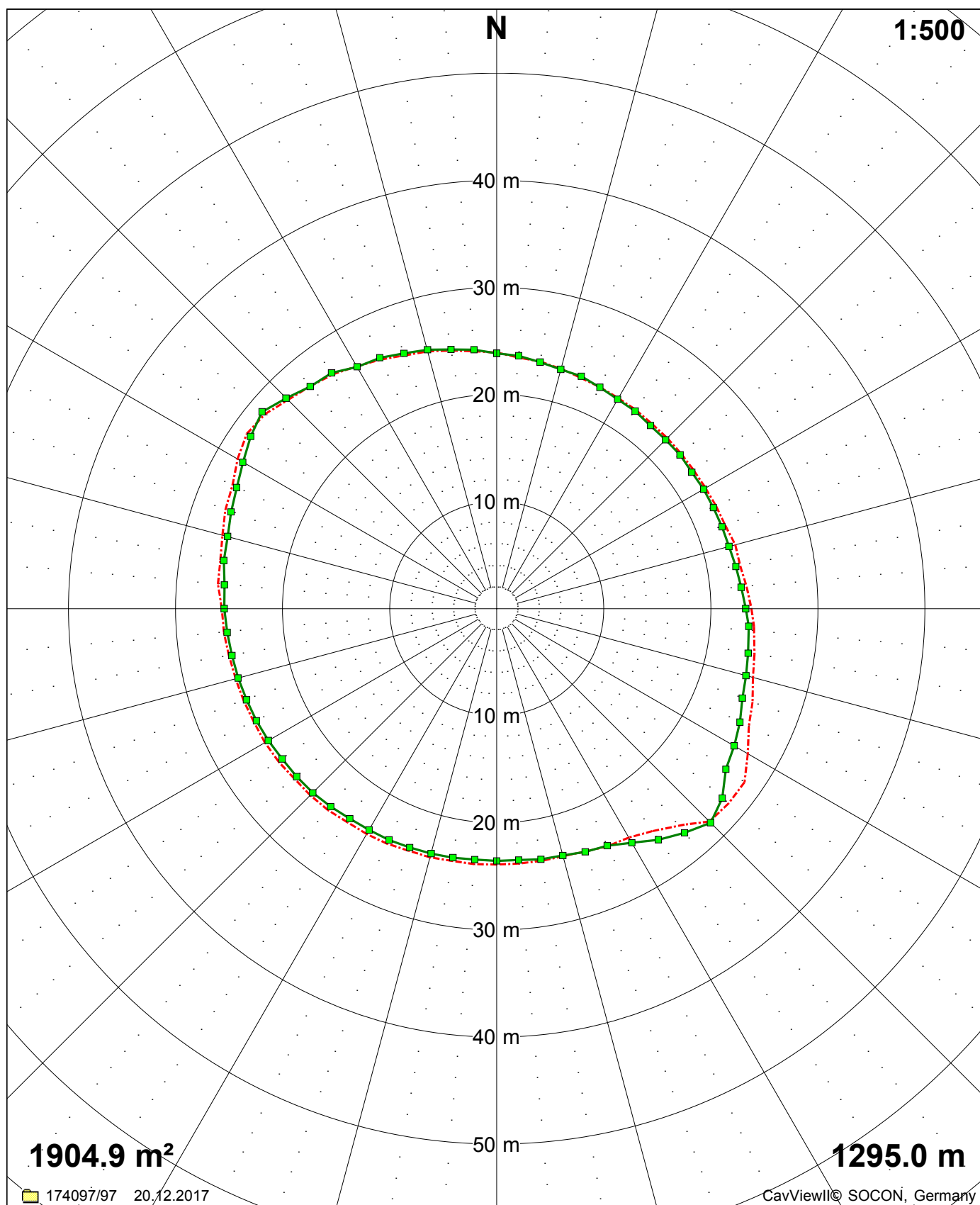
----- (19.05.2014) (1925.4 m²)

----- (20.12.2017) (1889.3 m²)

d_{max}: 56.2 m 130° <--> 310° r_{min}: 22.2 m -> 47° r~: 24.5 m r_{max}: 28.6 m -> 310°

Heiligerlee K

20.12.2017



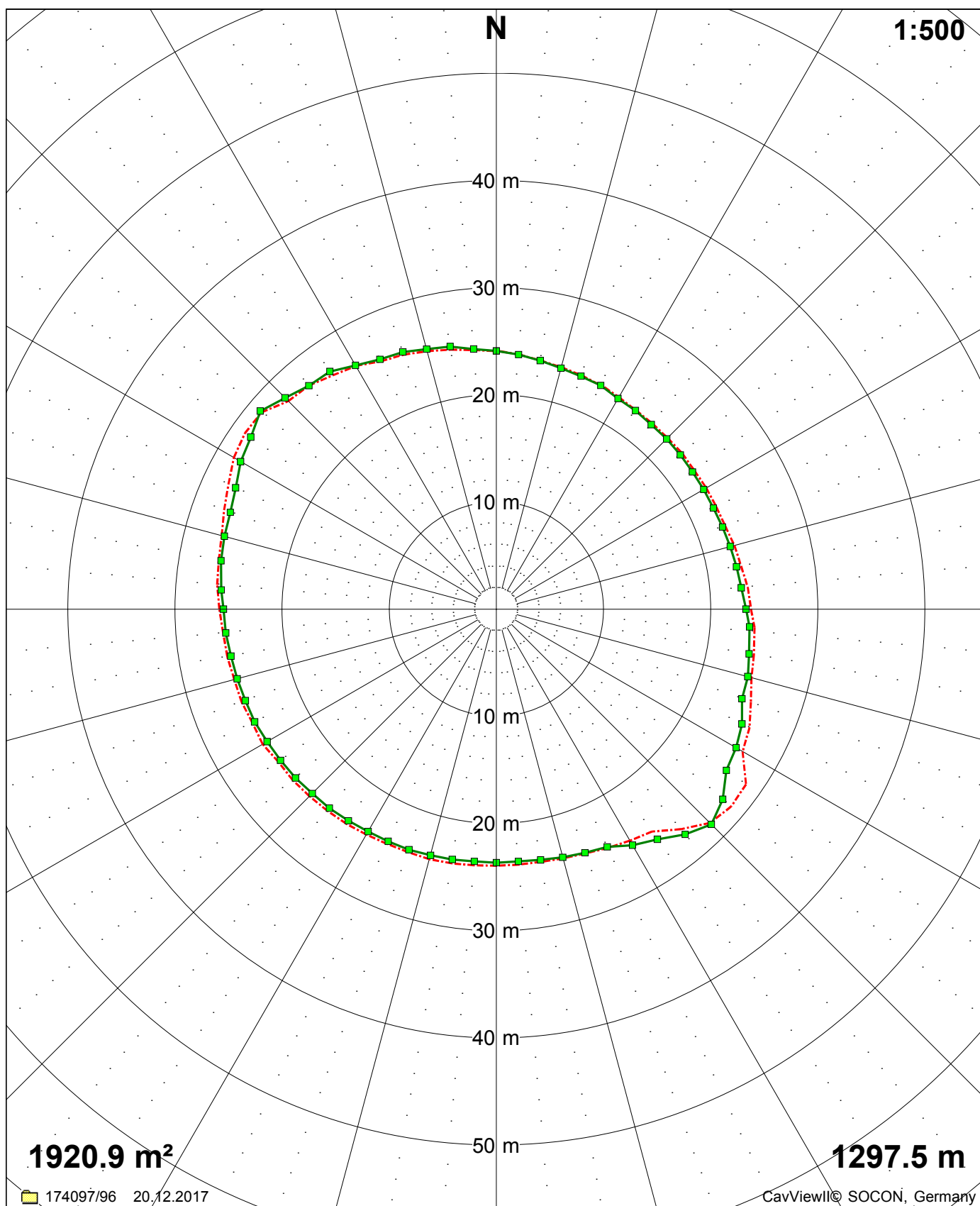
----- (19.05.2014) (1944.4 m²)

----- (20.12.2017) (1904.9 m²)

d_{max}: 56.1 m 130° <--> 310° r_{min}: 22.2 m -> 54° r~: 24.6 m r_{max}: 28.6 m -> 310°

Heiligerlee K

20.12.2017



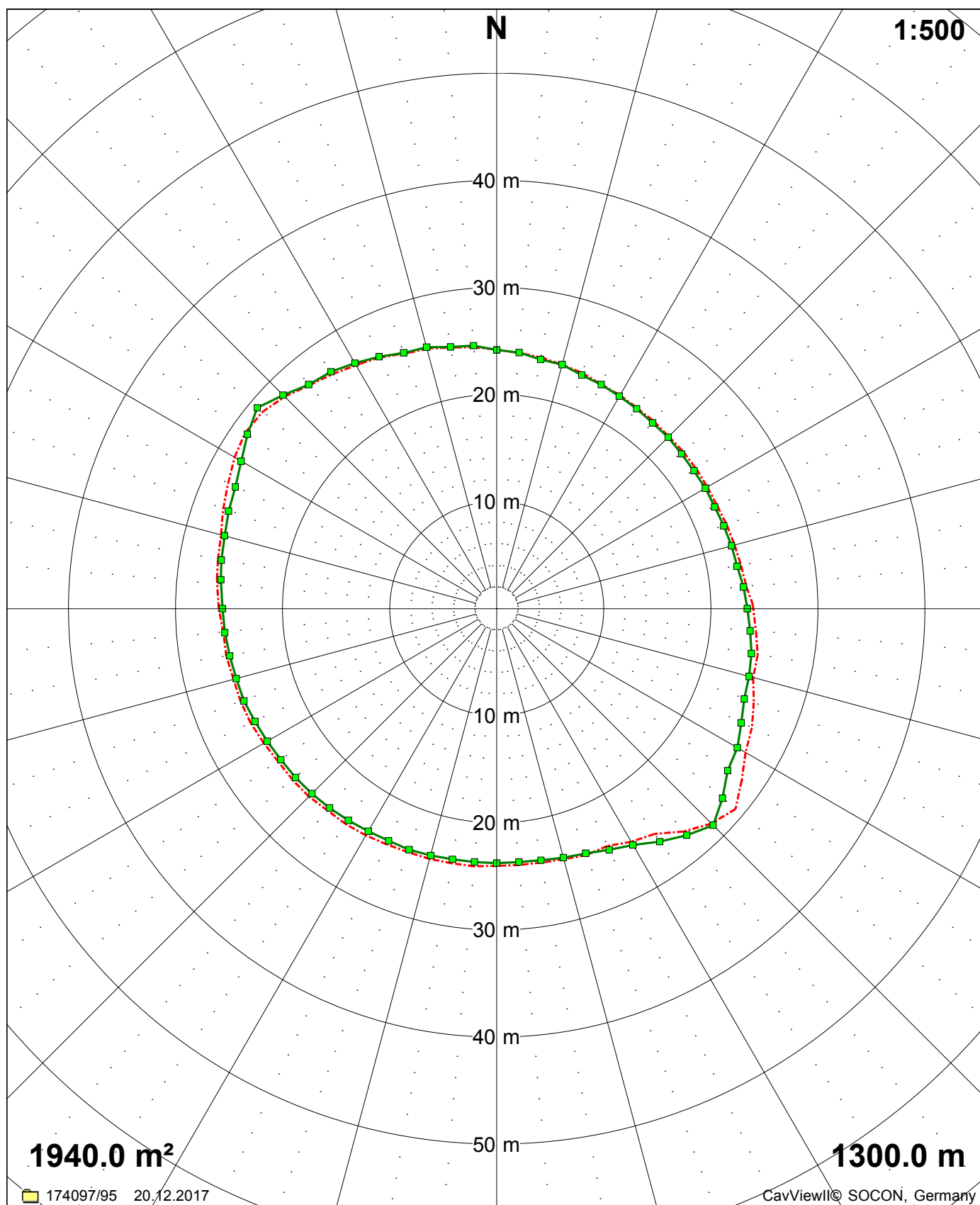
----- (19.05.2014) (1958.1 m²)

—■— (20.12.2017) (1920.9 m²)

d_{max}: 56.3 m 130° <--> 310° r_{min}: 22.3 m -> 56° r~: 24.7 m r_{max}: 28.8 m -> 310°

Heiligerlee K

20.12.2017



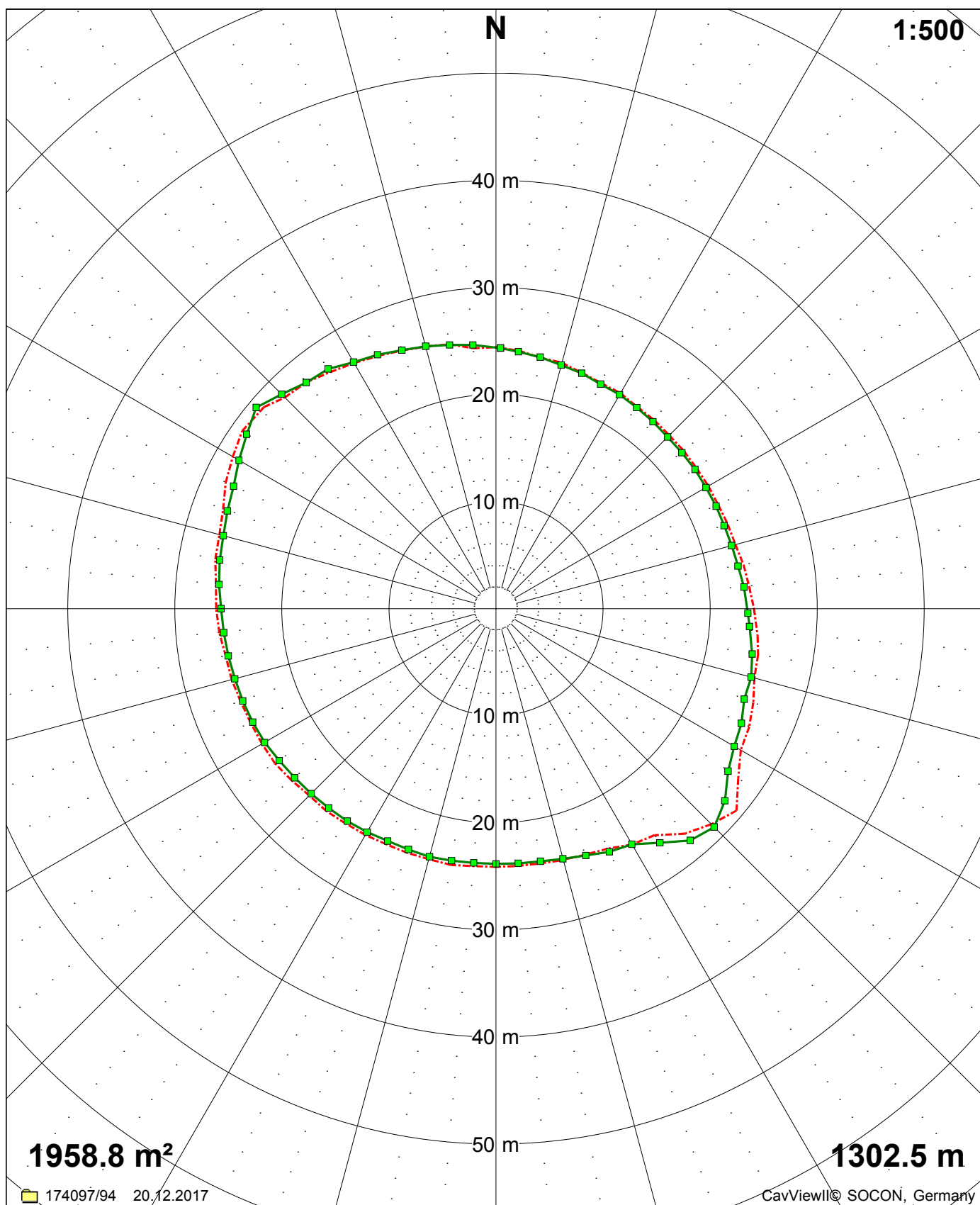
----- (19.05.2014) (1787.7 m²)

----- (20.12.2017) (1940.0 m²)

$d_{\max}$: 56.8 m 135° <--> 315° $r_{\min}$: 22.5 m -> 63° $r_{\sim}$: 24.9 m $r_{\max}$: 29.2 m -> 310°

Heiligerlee K

20.12.2017



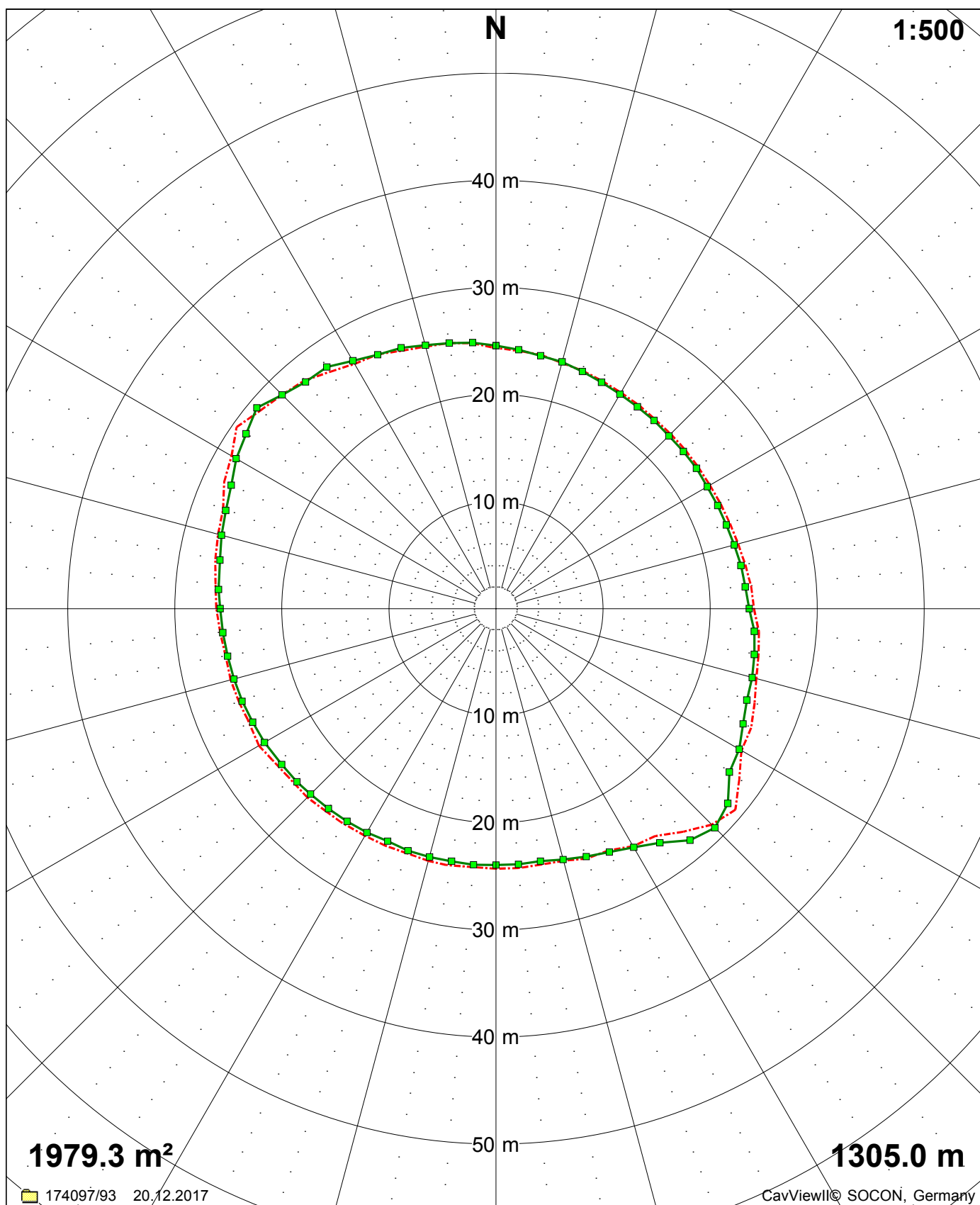
----- (19.05.2014) (1995.2 m²)

—■— (20.12.2017) (1958.8 m²)

d_{max}: 57.1 m 135° <--> 315° r_{min}: 22.6 m -> 58° r~: 25.0 m r_{max}: 29.2 m -> 310°

Heiligerlee K

20.12.2017



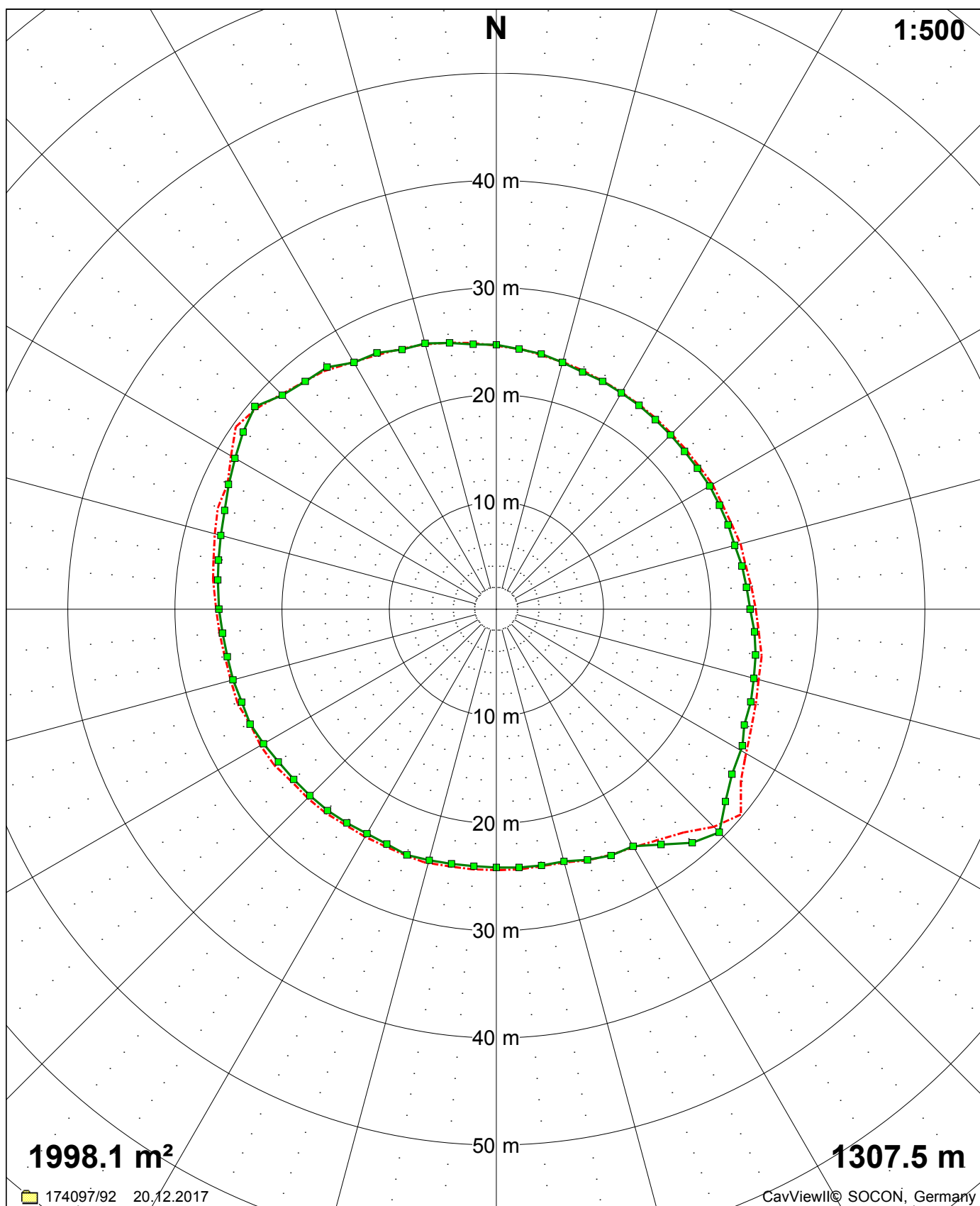
----- (19.05.2014) (2014.5 m²)

—■— (20.12.2017) (1979.3 m²)

d_{max}: 57.4 m 130° <--> 310° r_{min}: 22.8 m -> 61° r~: 25.1 m r_{max}: 29.2 m -> 310°

Heiligerlee K

20.12.2017



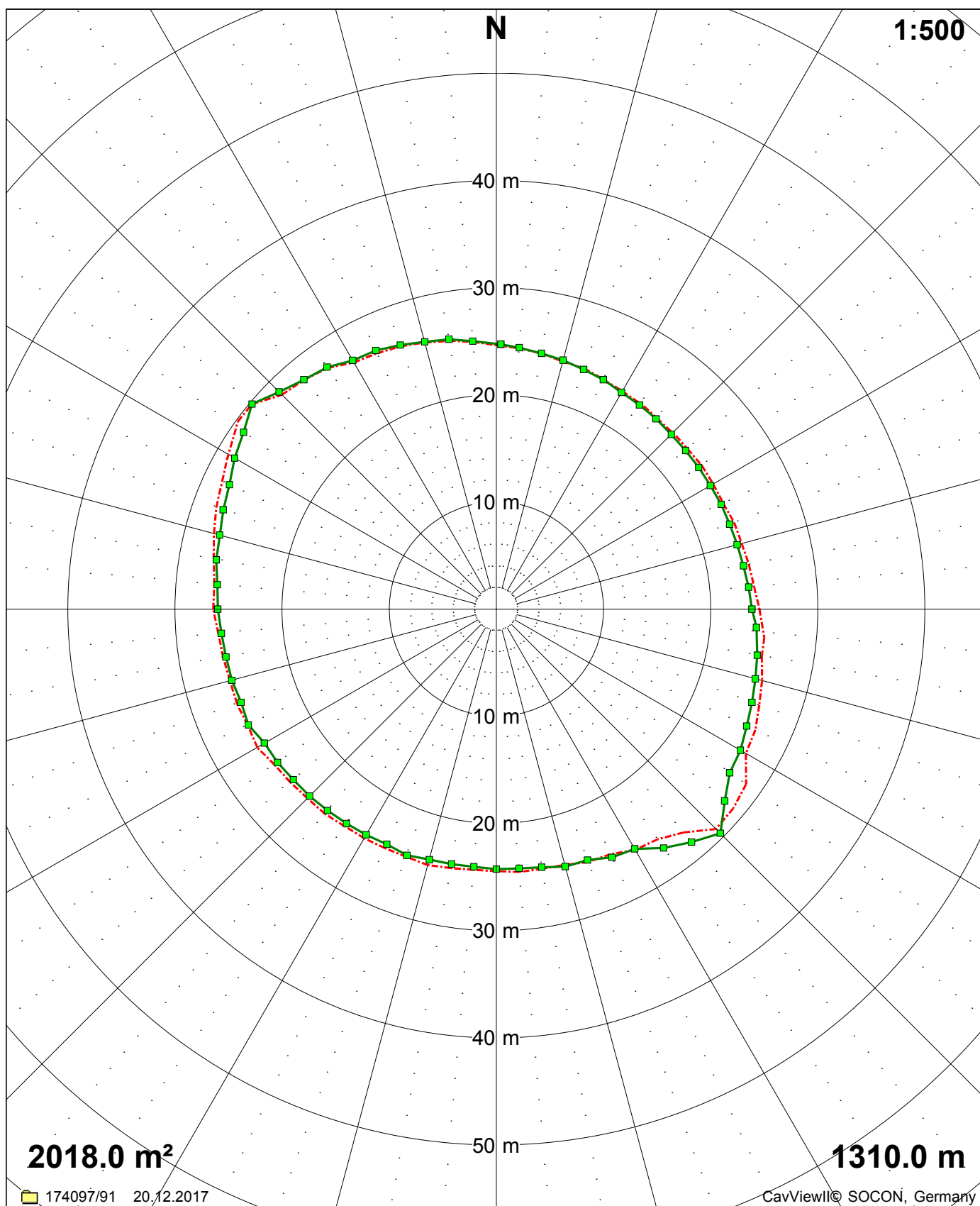
----- (19.05.2014) (2033.6 m²)

----- (20.12.2017) (1998.1 m²)

$d_{\max}$: 57.6 m 135° <--> 315° $r_{\min}$: 22.9 m -> 51° $r_{\sim}$: 25.2 m $r_{\max}$: 29.4 m -> 310°

Heiligerlee K

20.12.2017



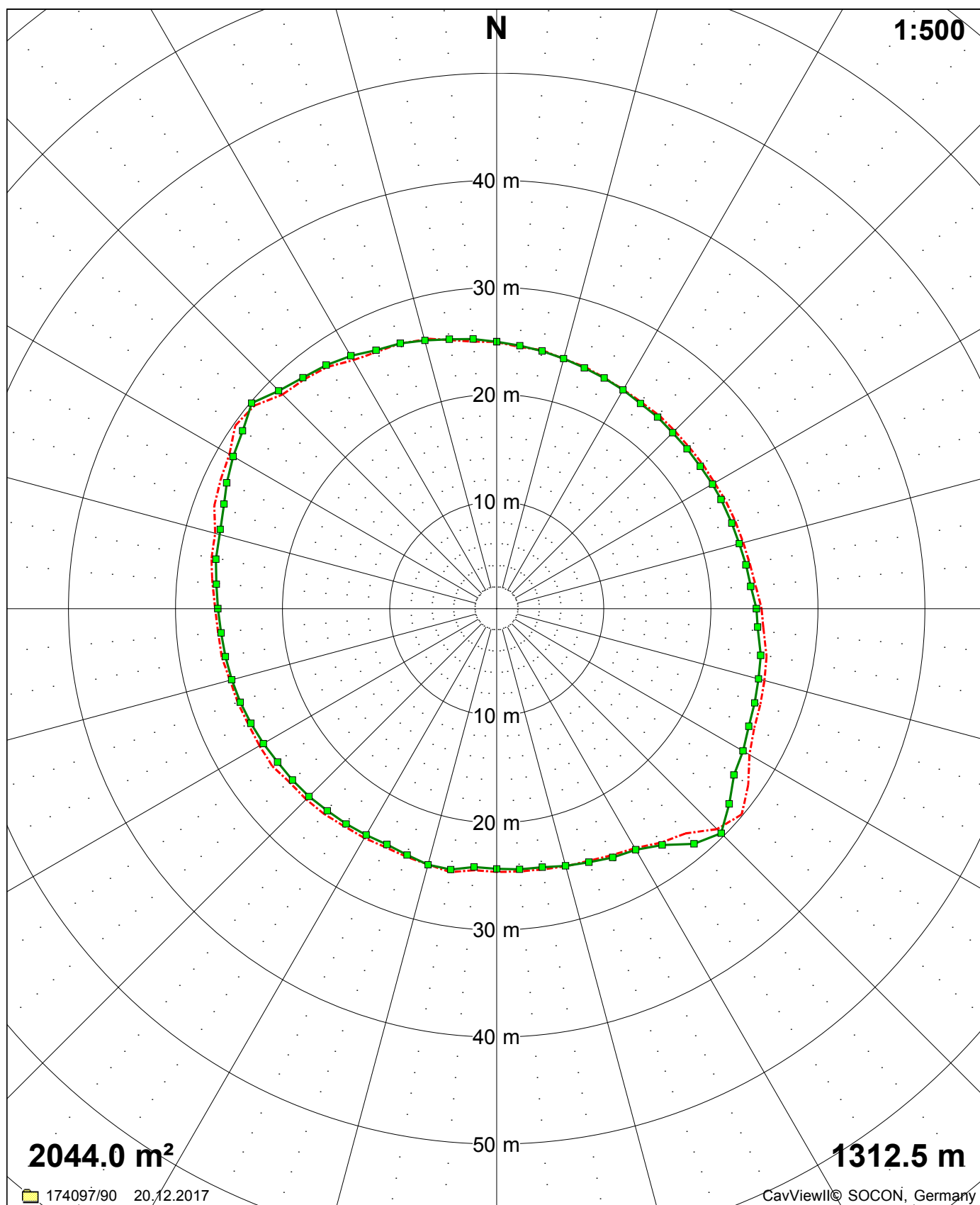
----- (19.05.2014) (2057.5 m²)

—■— (20.12.2017) (2018.0 m²)

d_{max}: 58.2 m 135° <--> 315° r_{min}: 23.0 m -> 51° r~: 25.3 m r_{max}: 29.8 m -> 310°

Heiligerlee K

20.12.2017



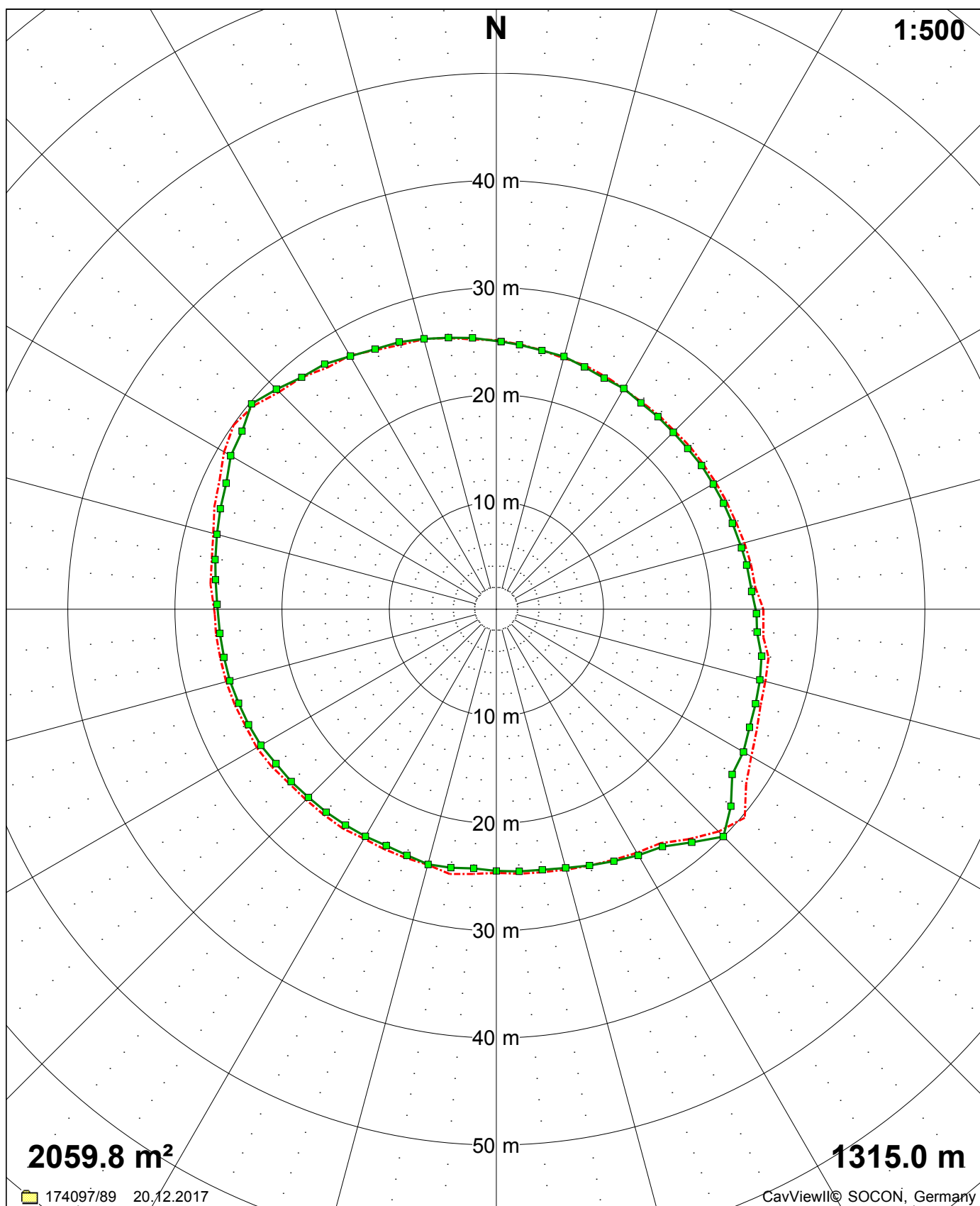
--- (19.05.2014) (2079.3 m²)

--- (20.12.2017) (2044.0 m²)

d_{max}: 58.4 m 135° <--> 315° r_{min}: 23.2 m -> 52° r~: 25.5 m r_{max}: 29.9 m -> 310°

Heiligerlee K

20.12.2017



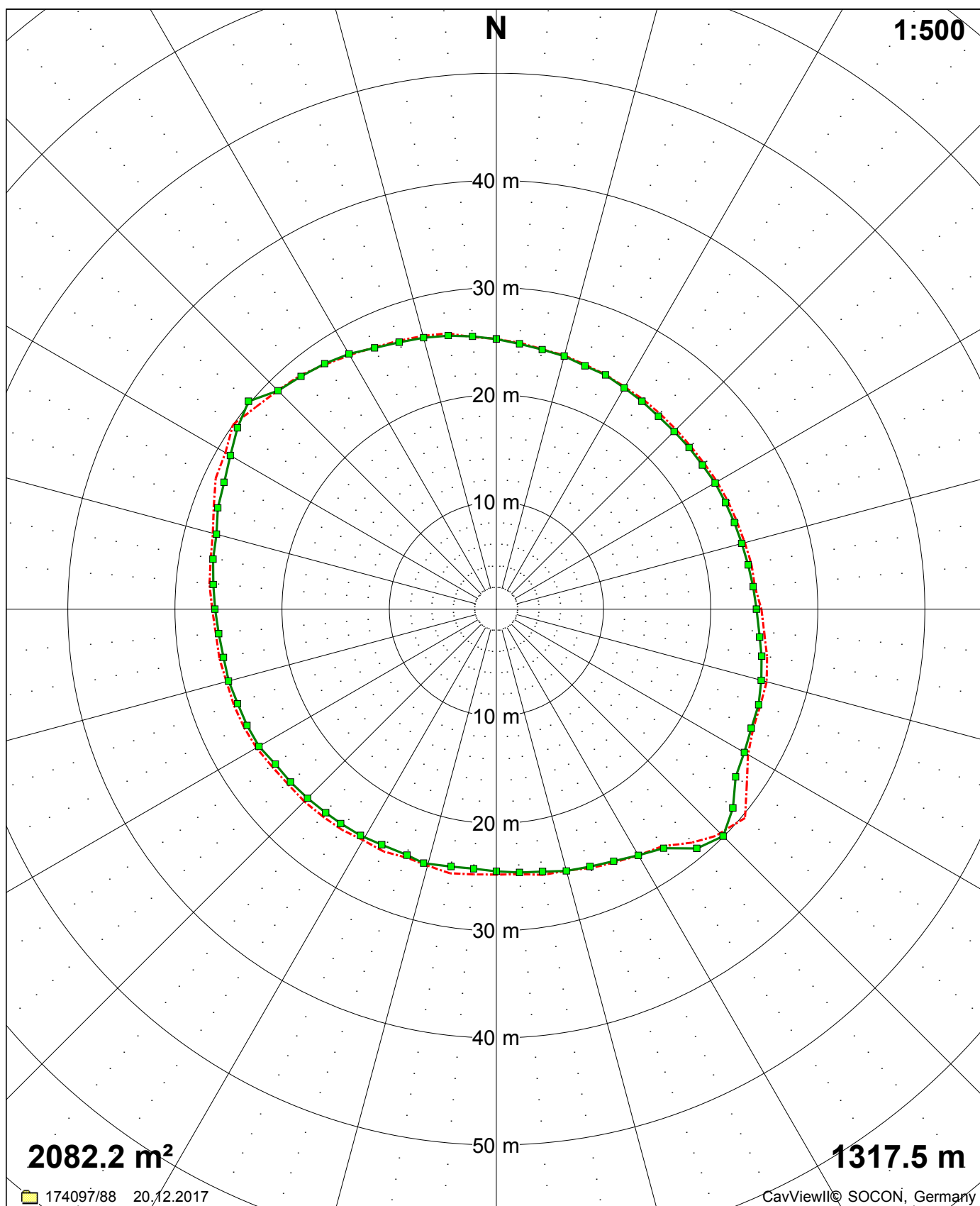
--- (19.05.2014) (2103.0 m²)

—■— (20.12.2017) (2059.8 m²)

d_{max}: 59.0 m 135° <--> 315° r_{min}: 23.3 m -> 47° r~: 25.6 m r_{max}: 30.0 m -> 135°

Heiligerlee K

20.12.2017



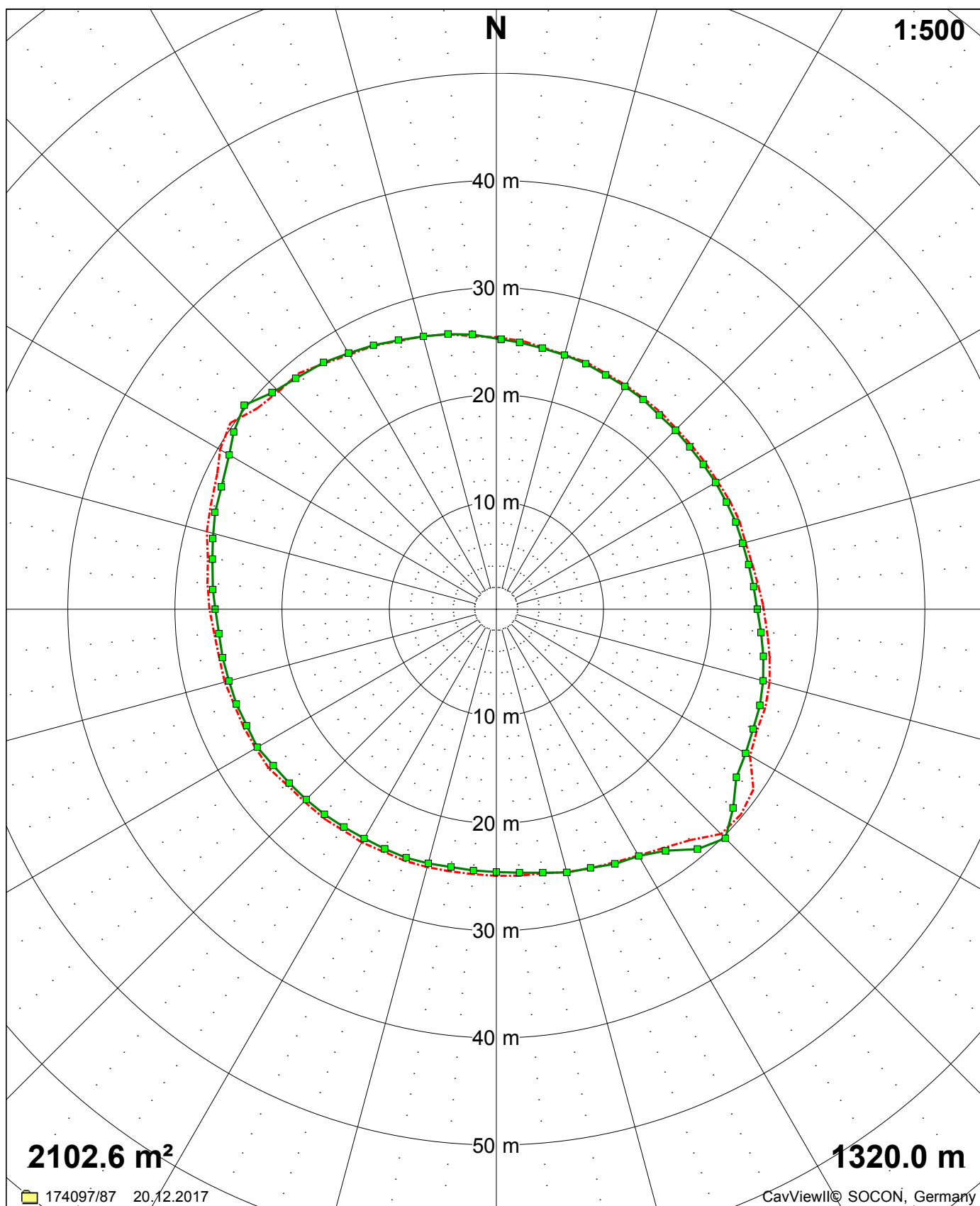
--- (19.05.2014) (2121.9 m²)

--- (20.12.2017) (2082.2 m²)

d_{max}: 59.0 m 130° <--> 310° r_{min}: 23.4 m -> 46° r~: 25.7 m r_{max}: 30.2 m -> 310°

Heiligerlee K

20.12.2017



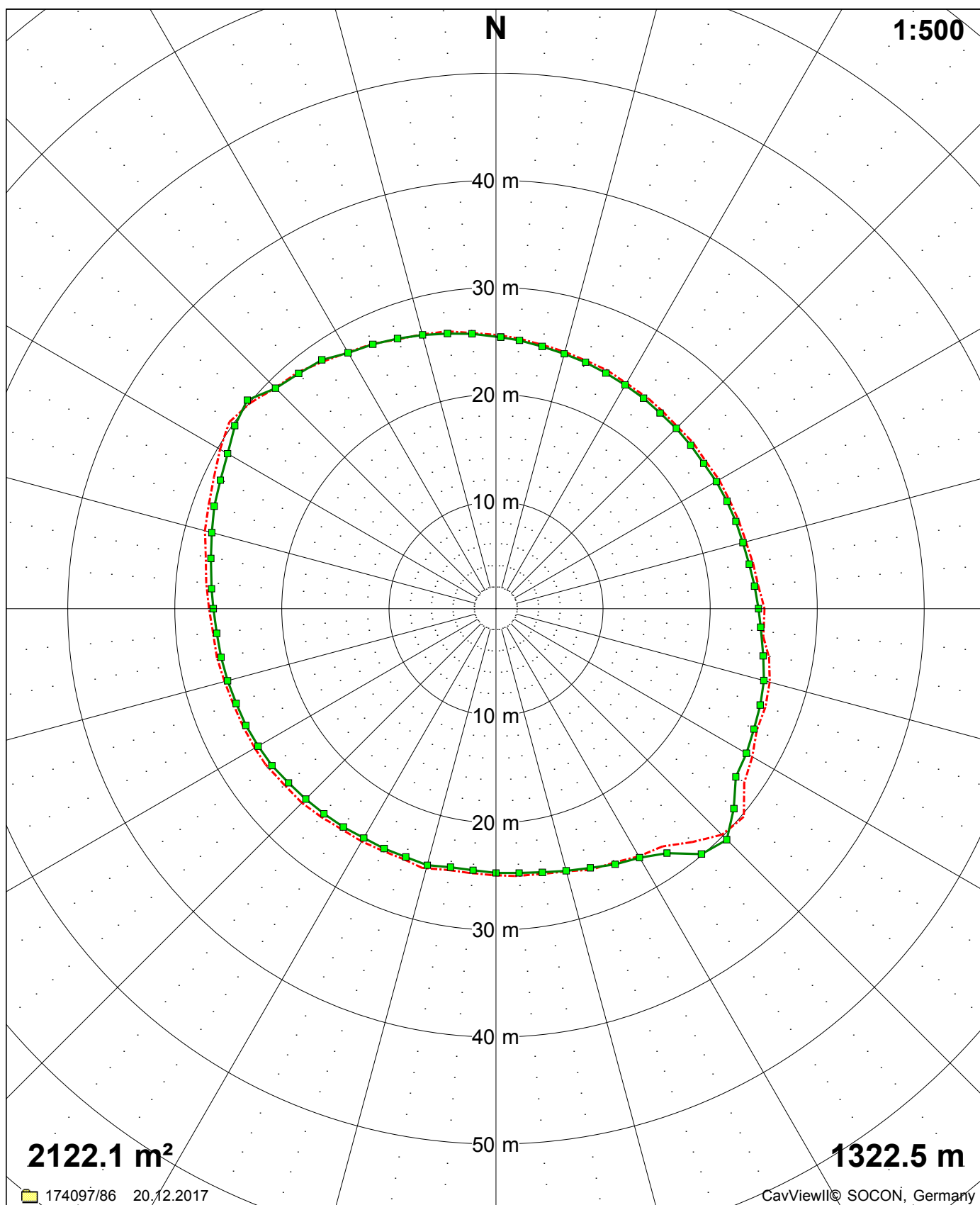
----- (19.05.2014) (2143.2 m²)

—■— (20.12.2017) (2102.6 m²)

d_{max}: 59.2 m 135° <--> 315° r_{min}: 23.5 m -> 52° r~: 25.9 m r_{max}: 30.3 m -> 309°

Heiligerlee K

20.12.2017



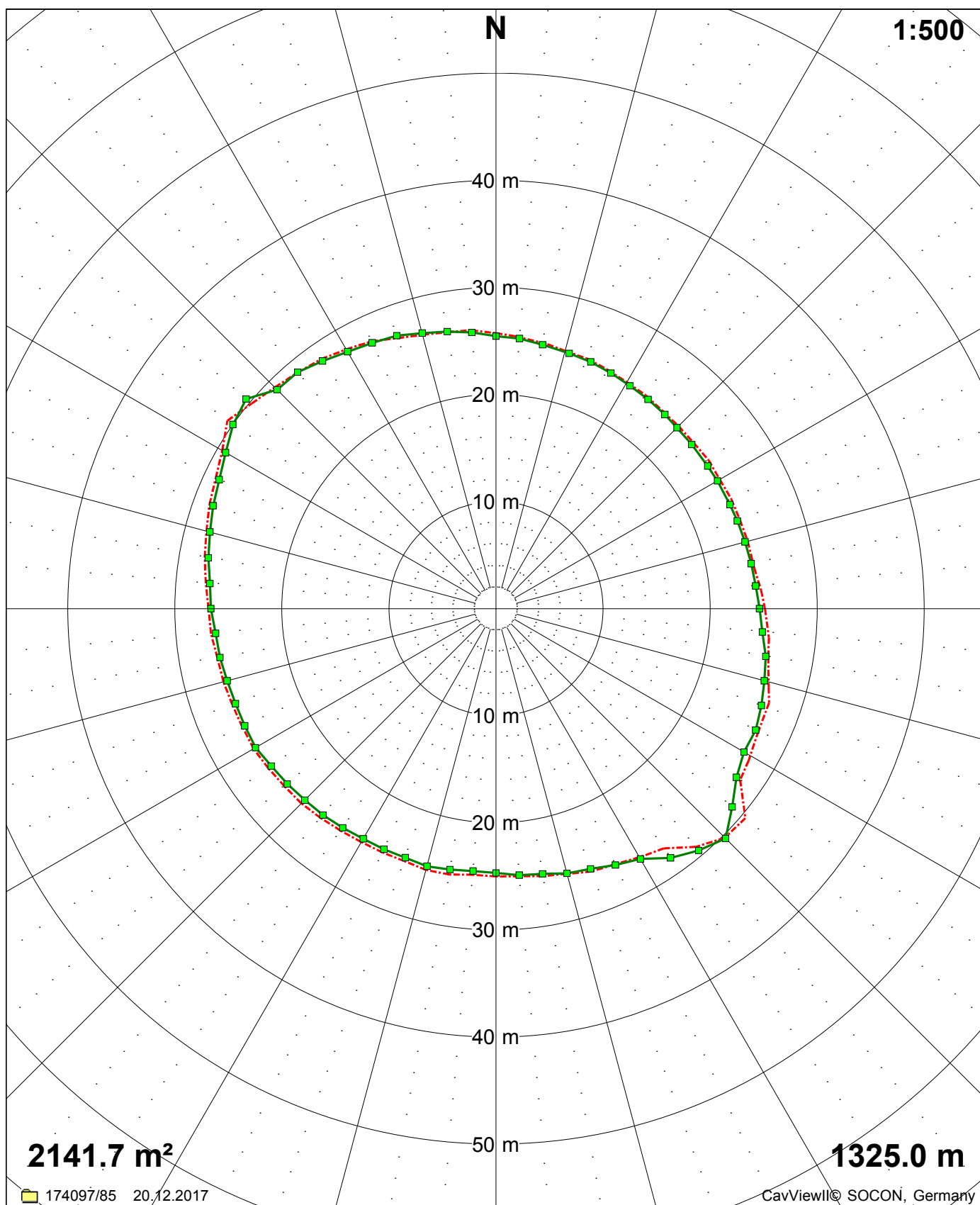
--- (19.05.2014) (2163.0 m²)

—■— (20.12.2017) (2122.1 m²)

d_{max}: 59.6 m 135° <--> 315° r_{min}: 23.7 m -> 53° r~: 26.0 m r_{max}: 30.5 m -> 135°

Heiligerlee K

20.12.2017



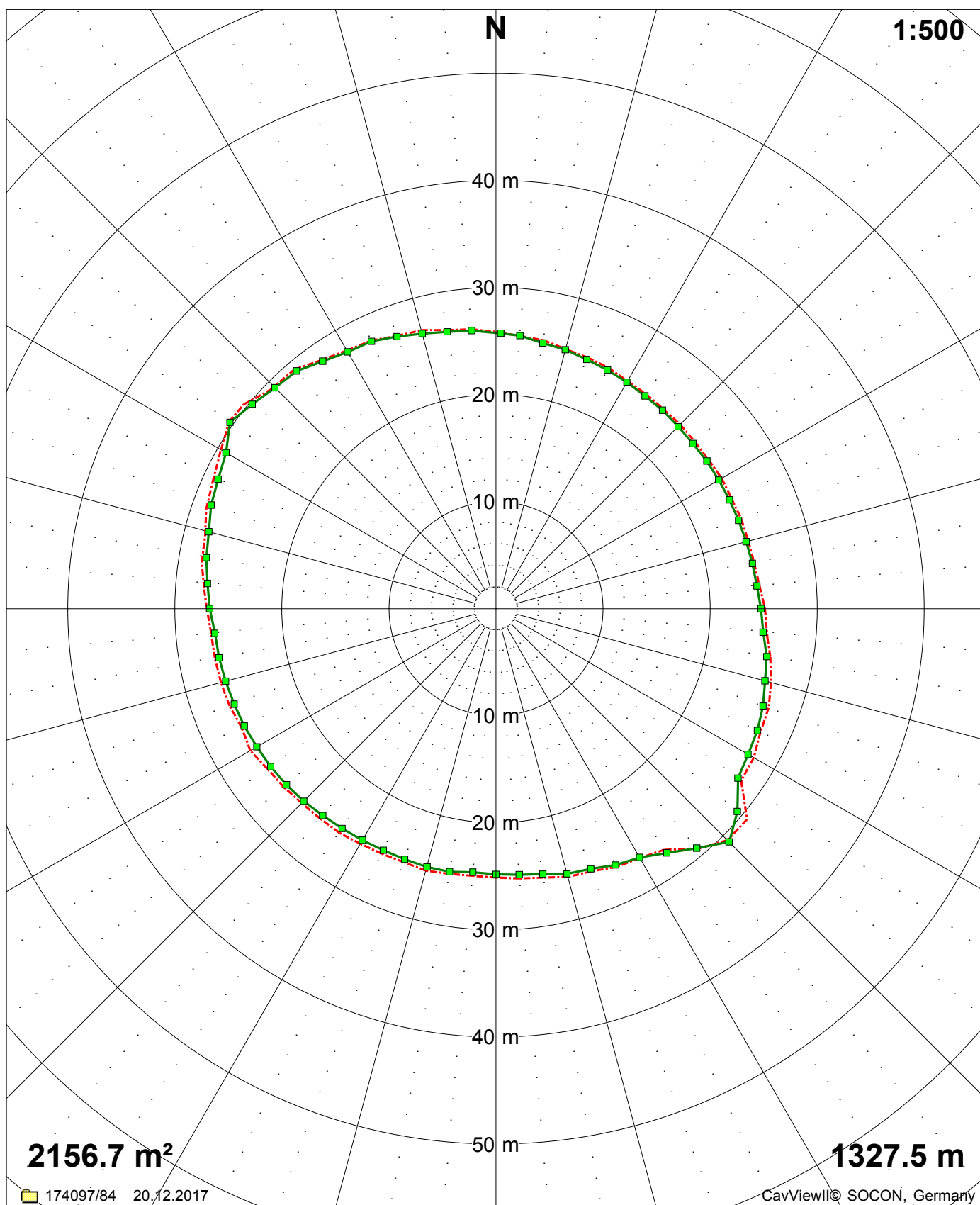
--- (19.05.2014) (2180.1 m²)

—■— (20.12.2017) (2141.7 m²)

d_{max}: 59.2 m 135° <--> 315° r_{min}: 23.8 m -> 52° r~: 26.1 m r_{max}: 30.5 m -> 310°

Heiligerlee K

20.12.2017



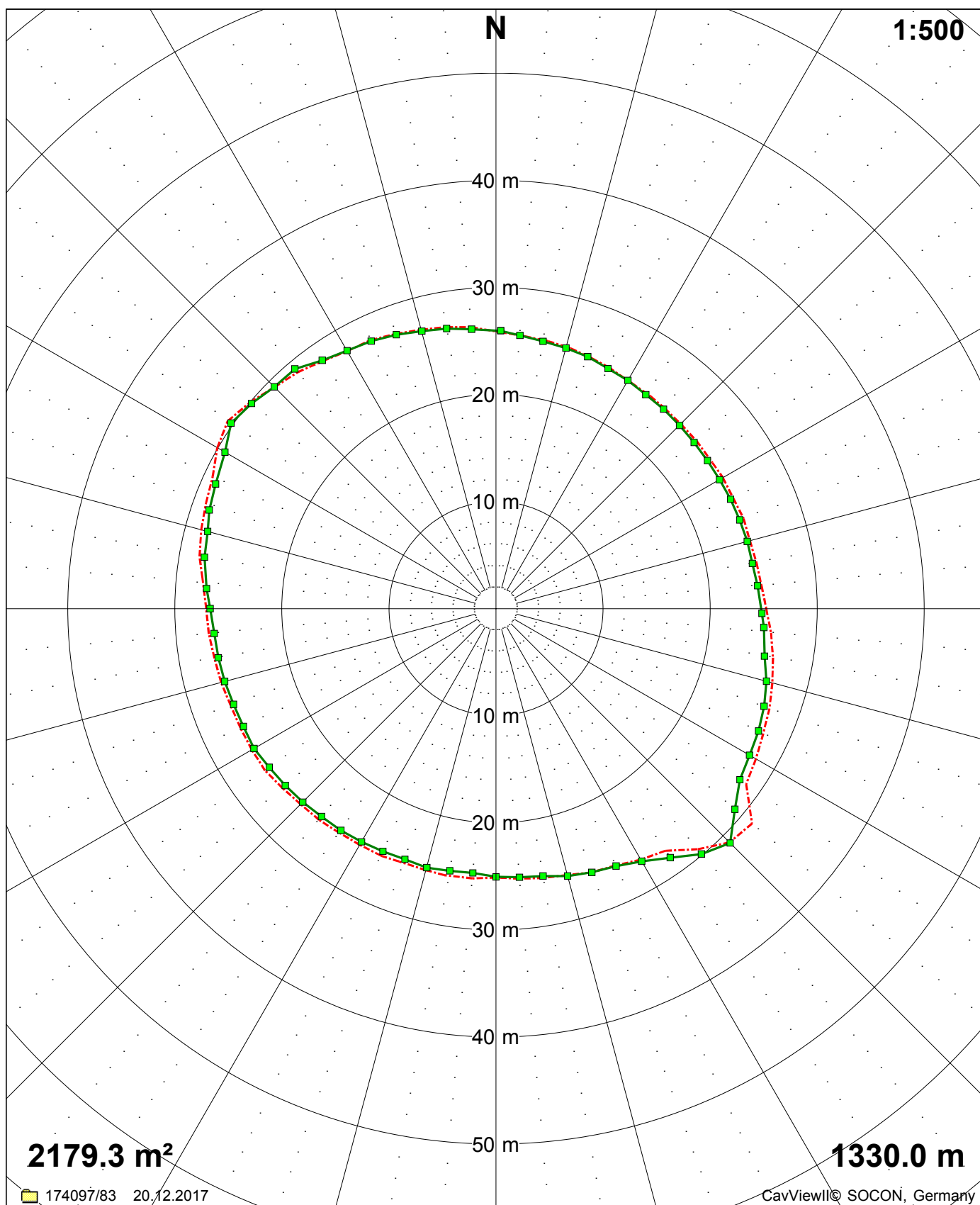
--- (19.05.2014) (2203.7 m²)

—■— (20.12.2017) (2156.7 m²)

d_{max}: 60.0 m 135° <--> 315° r_{min}: 24.0 m -> 48° r~: 26.2 m r_{max}: 30.8 m -> 135°

Heiligerlee K

20.12.2017



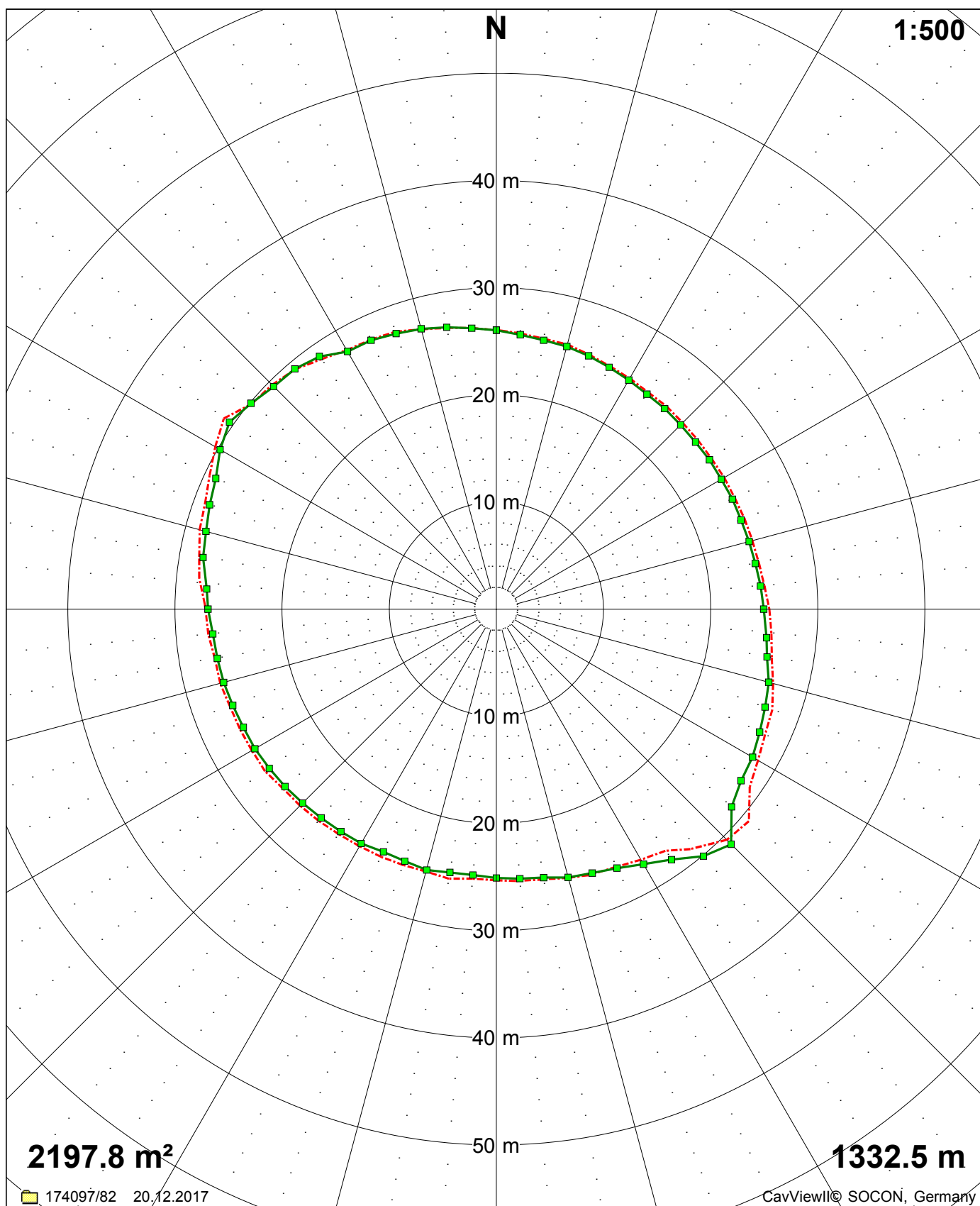
--- (19.05.2014) (2223.4 m²)

—■— (20.12.2017) (2179.3 m²)

d_{max}: 60.2 m 135° <--> 315° r_{min}: 24.1 m -> 57° r~: 26.3 m r_{max}: 30.9 m -> 135°

Heiligerlee K

20.12.2017



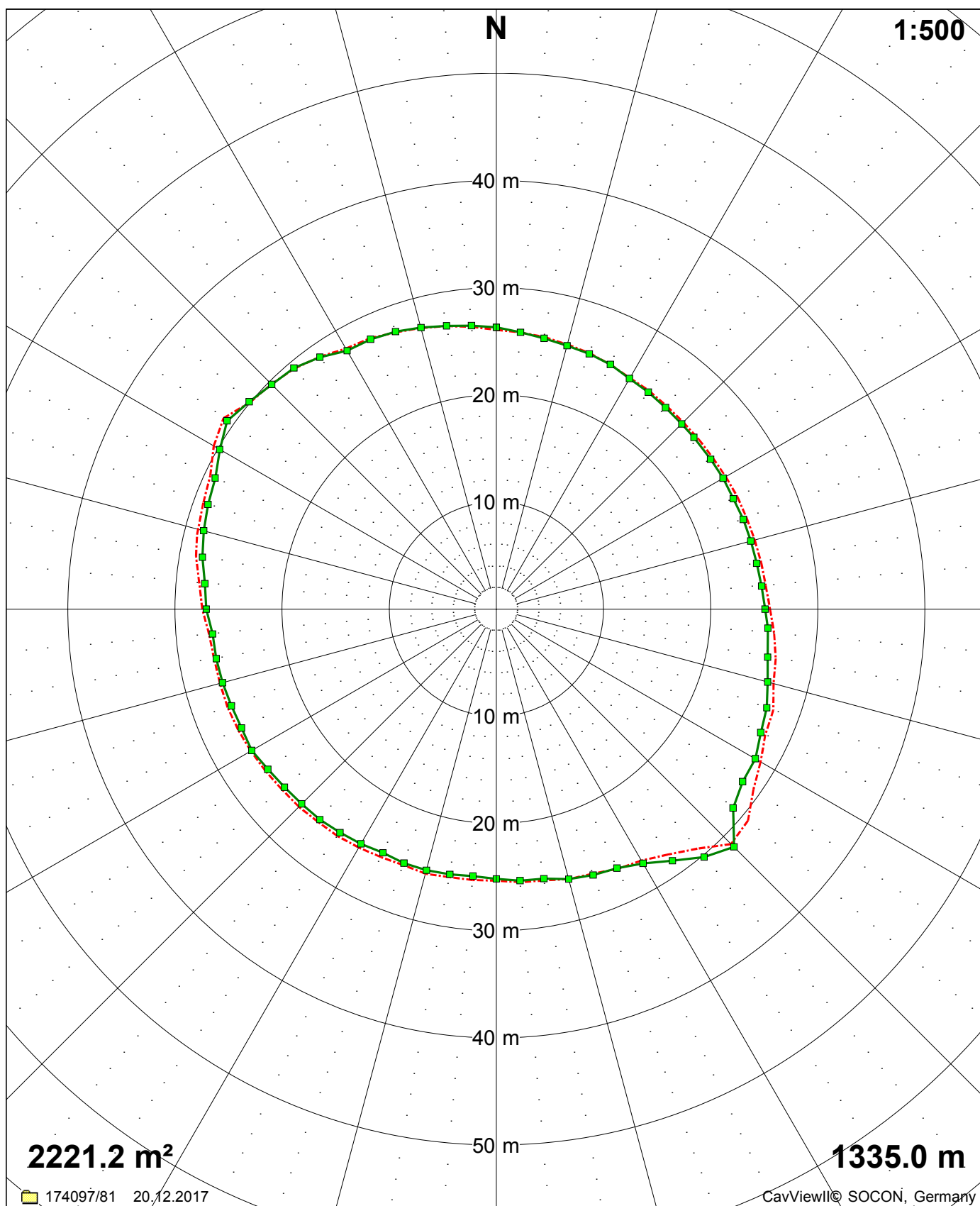
----- (19.05.2014) (2241.0 m²)

----- (20.12.2017) (2197.8 m²)

d_{max}: 60.4 m 135° <--> 315° r_{min}: 24.2 m -> 58° r~: 26.4 m r_{max}: 31.0 m -> 135°

Heiligerlee K

20.12.2017



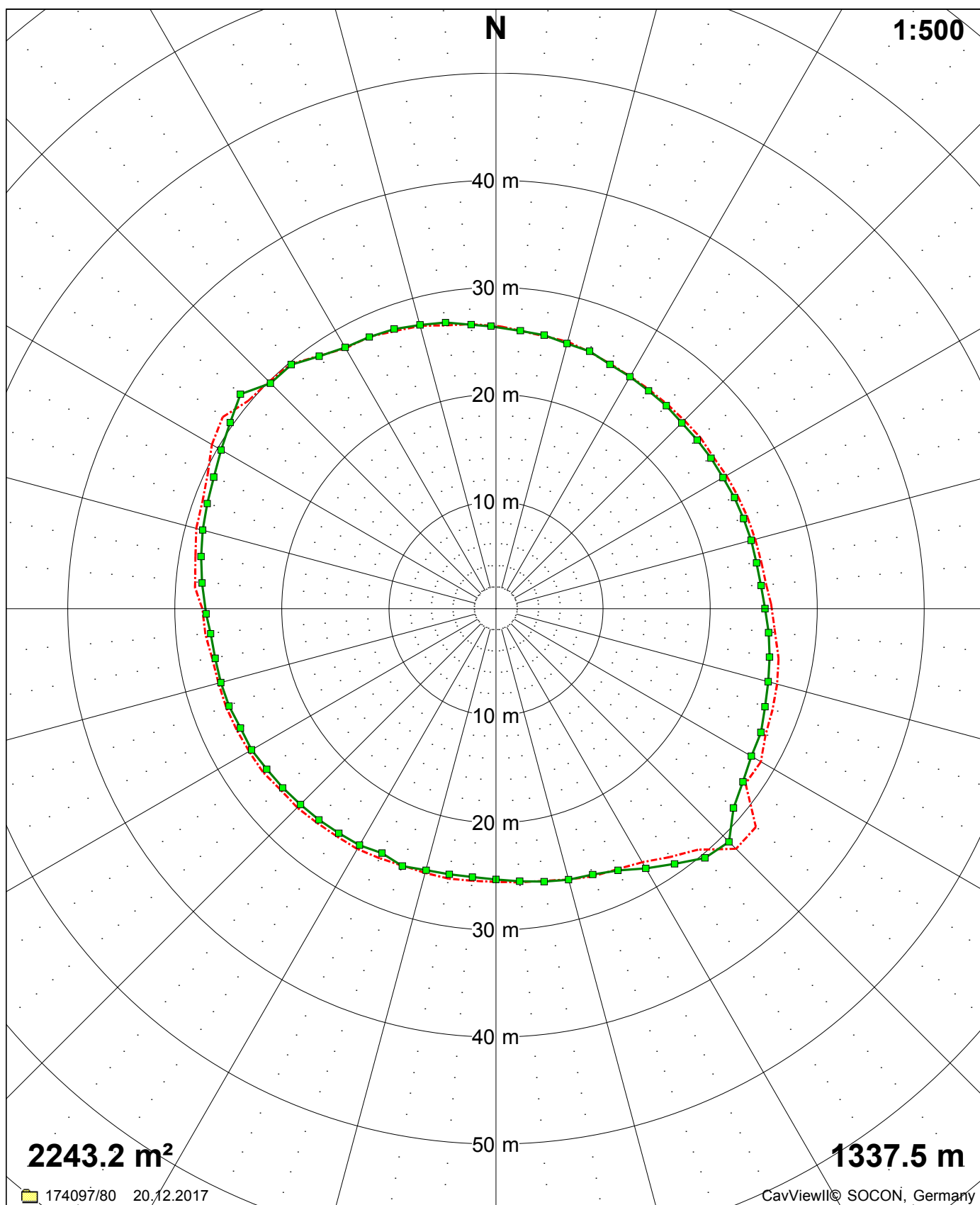
--- (19.05.2014) (2263.1 m²)

--- (20.12.2017) (2221.2 m²)

d_{max}: 61.0 m 135° <--> 315° r_{min}: 24.4 m -> 51° r~: 26.6 m r_{max}: 31.4 m -> 135°

Heiligerlee K

20.12.2017



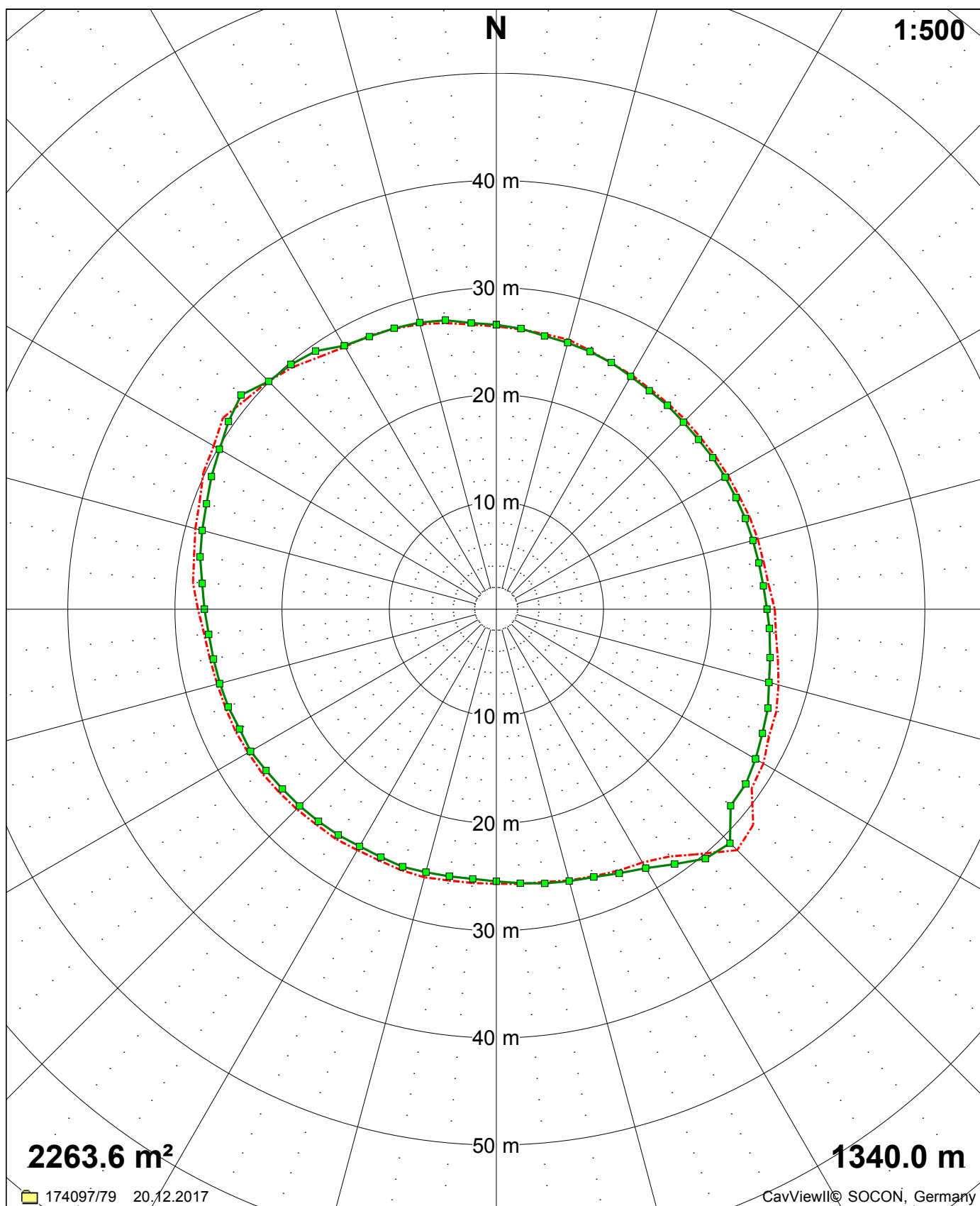
----- (19.05.2014) (2292.0 m²)

—■— (20.12.2017) (2243.2 m²)

d_{max}: 60.5 m 135° <--> 315° r_{min}: 24.5 m -> 57° r~: 26.7 m r_{max}: 31.1 m -> 310°

Heiligerlee K

20.12.2017



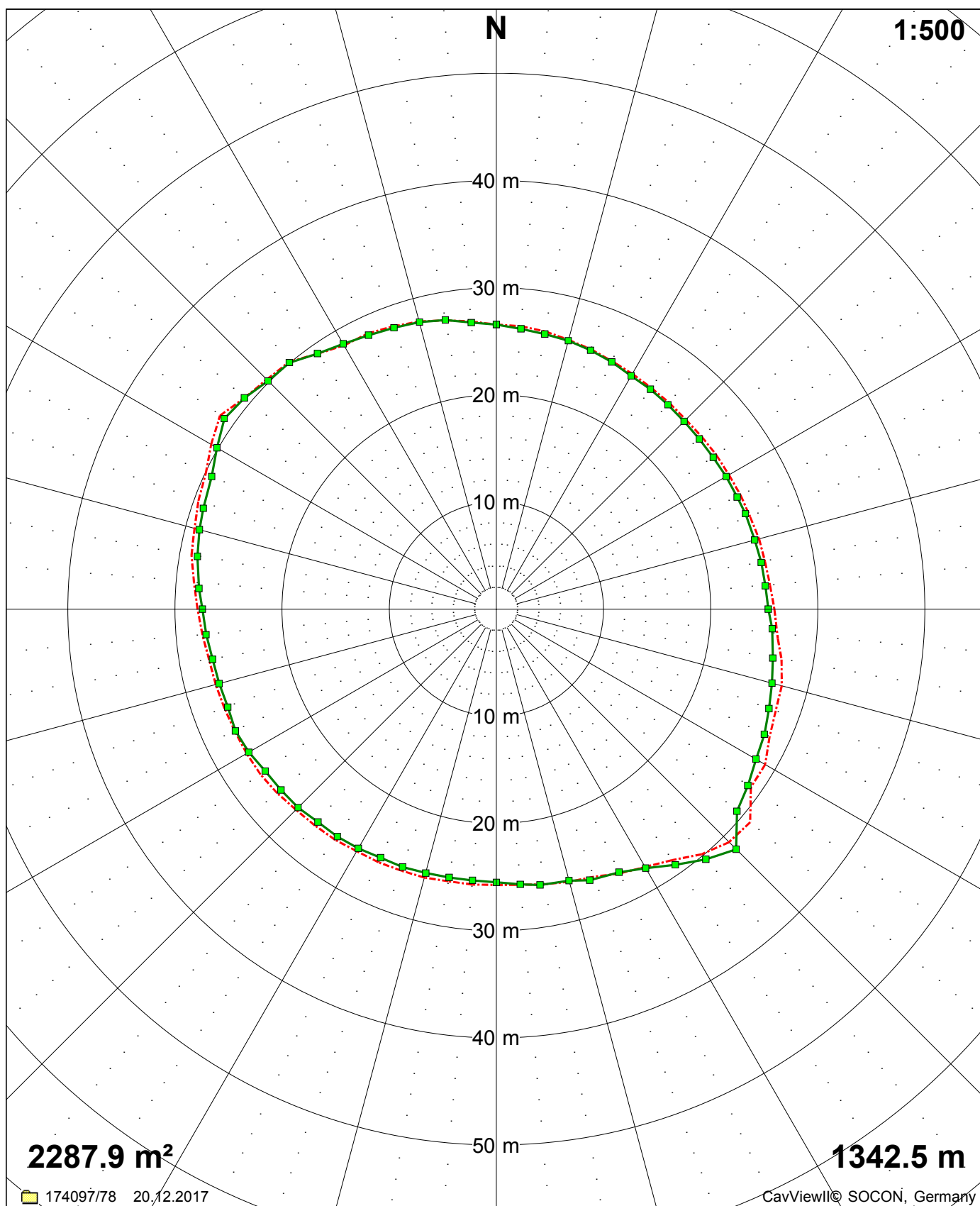
----- (19.05.2014) (2313.8 m²)

—■— (20.12.2017) (2263.6 m²)

d_{max}: 60.9 m 135° <--> 315° r_{min}: 24.6 m -> 51° r~: 26.8 m r_{max}: 31.1 m -> 310°

Heiligerlee K

20.12.2017



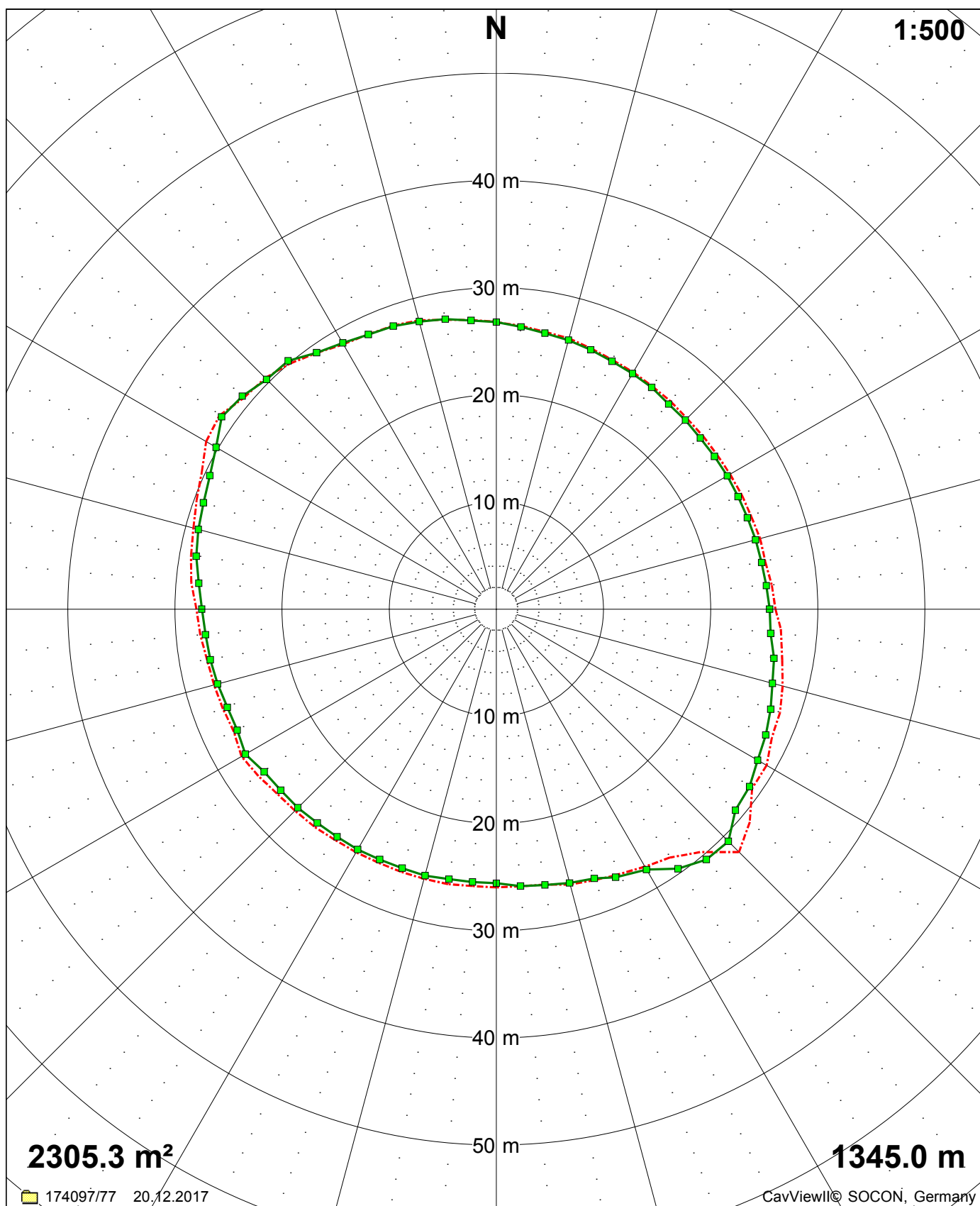
----- (19.05.2014) (2335.5 m²)

----- (20.12.2017) (2287.9 m²)

d_{max}: 61.8 m 135° <--> 315° r_{min}: 24.7 m -> 52° r~: 27.0 m r_{max}: 31.6 m -> 135°

Heiligerlee K

20.12.2017



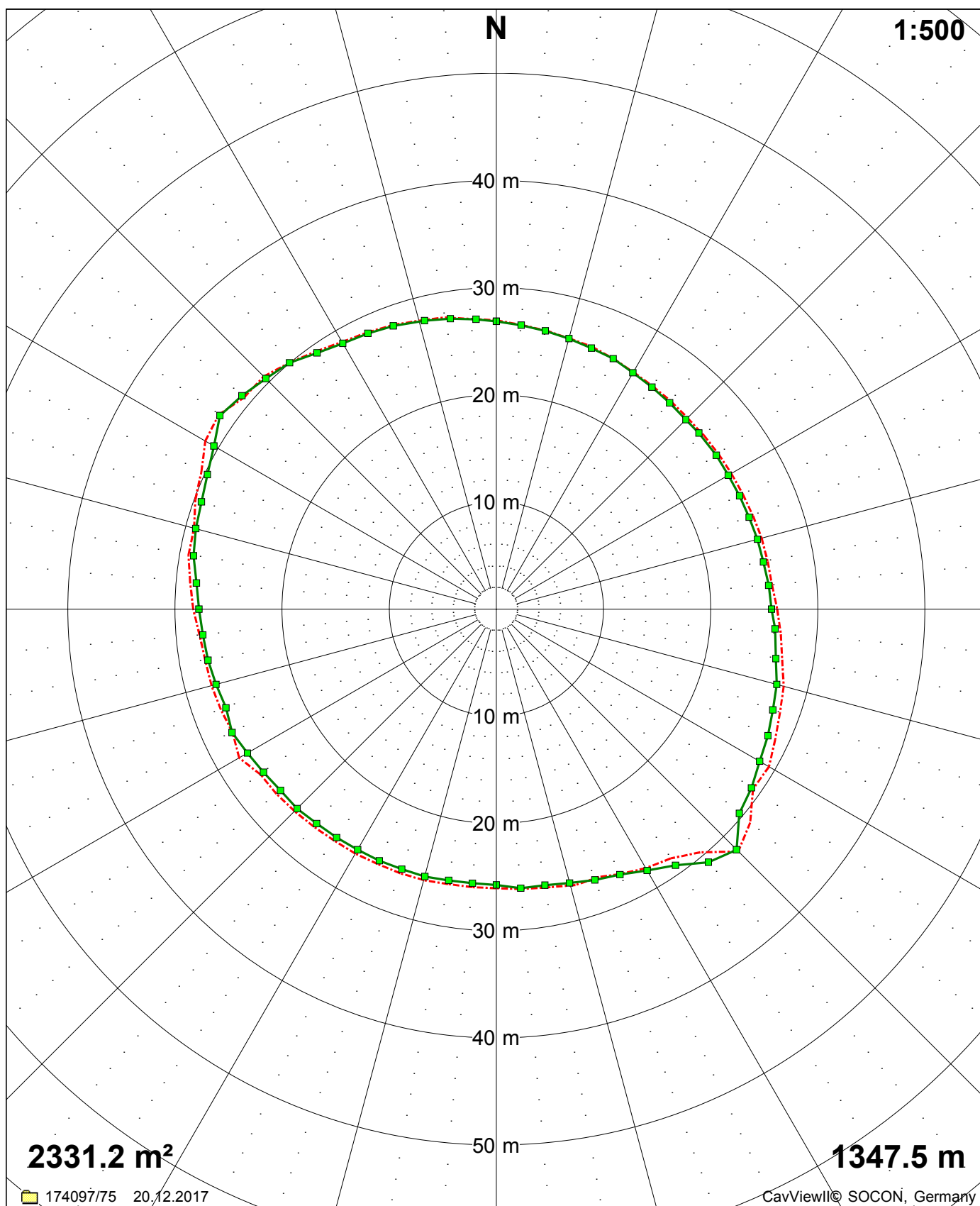
----- (19.05.2014) (2360.4 m²)

----- (20.12.2017) (2305.3 m²)

d_{max}: 60.9 m 135° <--> 315° r_{min}: 24.8 m -> 51° r~: 27.1 m r_{max}: 31.3 m -> 305°

Heiligerlee K

20.12.2017



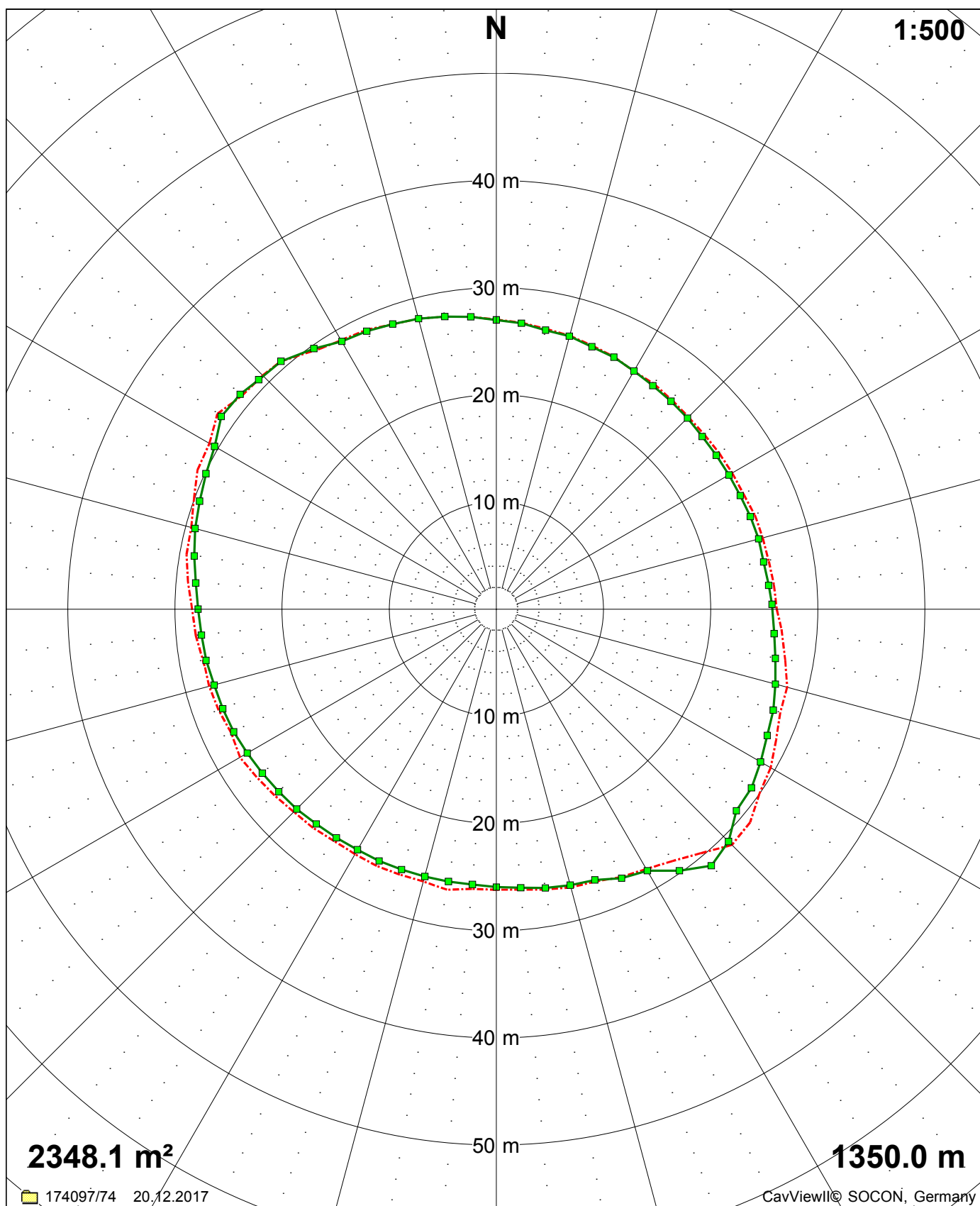
----- (19.05.2014) (2378.8 m²)

----- (20.12.2017) (2331.2 m²)

d_{max}: 62.1 m 135° <--> 315° r_{min}: 25.0 m -> 57° r~: 27.2 m r_{max}: 31.7 m -> 135°

Heiligerlee K

20.12.2017



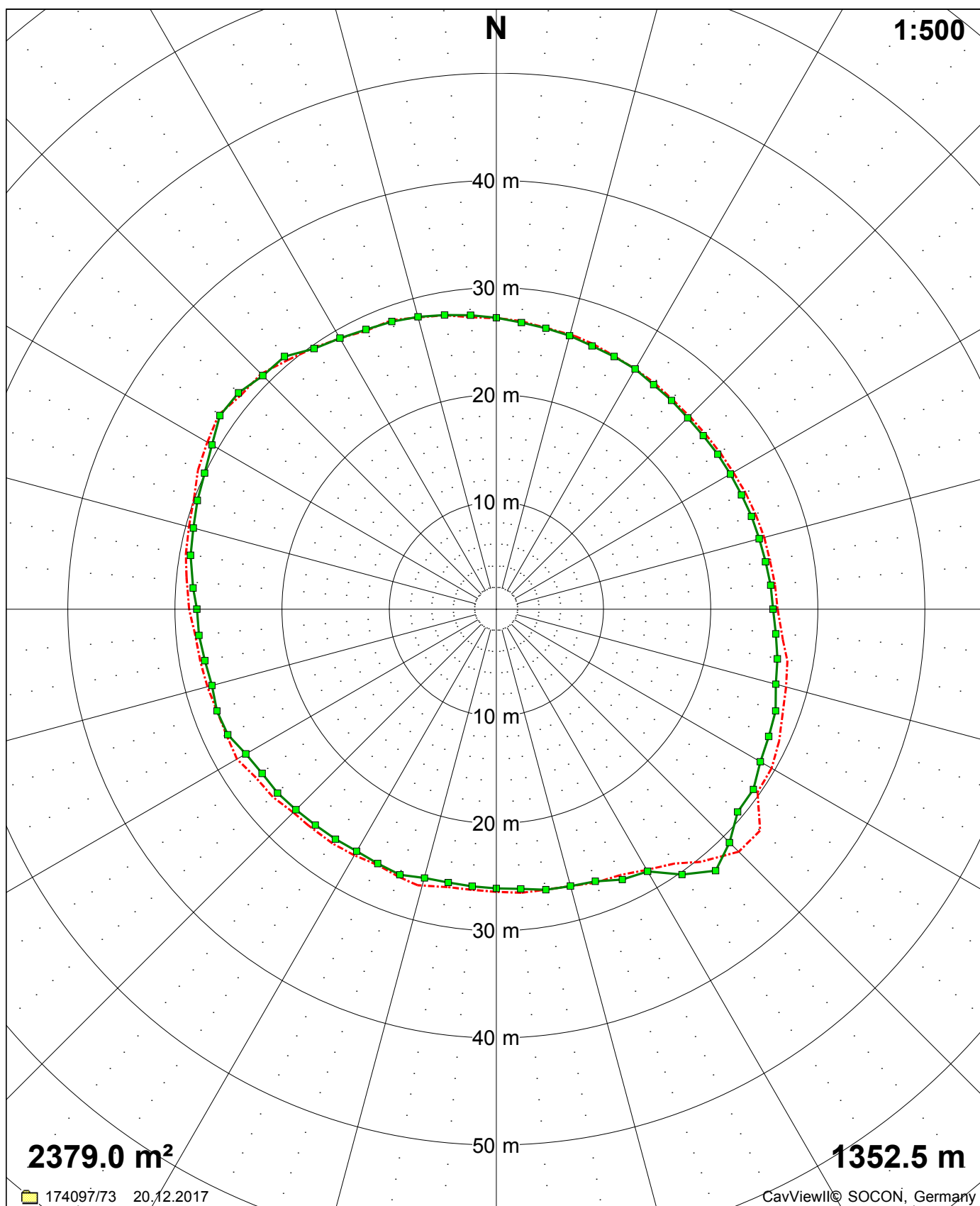
--- (19.05.2014) (2405.1 m²)

—■— (20.12.2017) (2348.1 m²)

$d_{\max}$: 61.7 m 139° <--> 319° $r_{\min}$: 25.0 m -> 52° $r_{\sim}$: 27.3 m $r_{\max}$: 31.4 m -> 305°

Heiligerlee K

20.12.2017



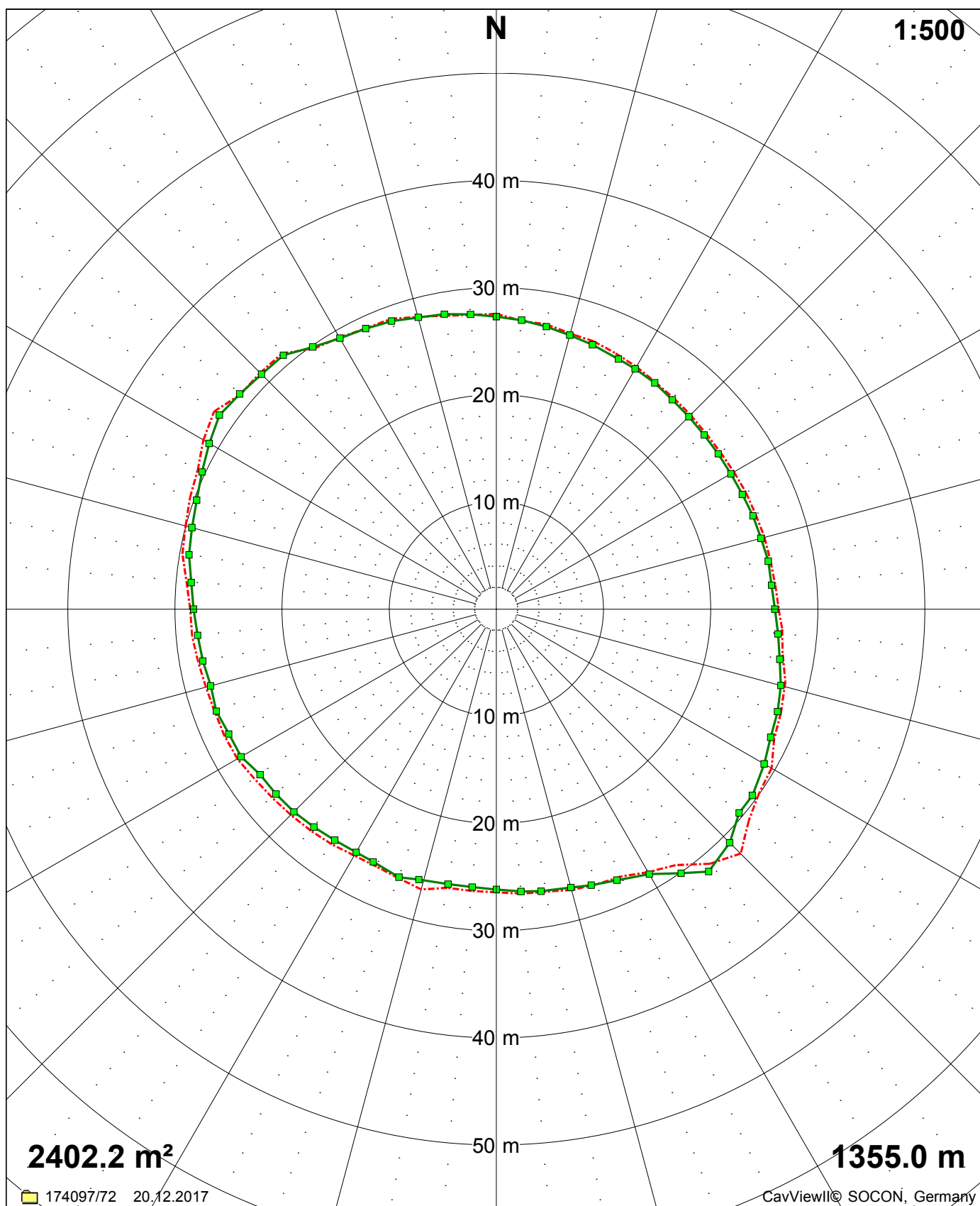
----- (19.05.2014) (2433.1 m²)

----- (20.12.2017) (2379.0 m²)

d_{max}: 62.6 m 140° <--> 320° r_{min}: 25.2 m -> 51° r~: 27.5 m r_{max}: 31.8 m -> 140°

Heiligerlee K

20.12.2017



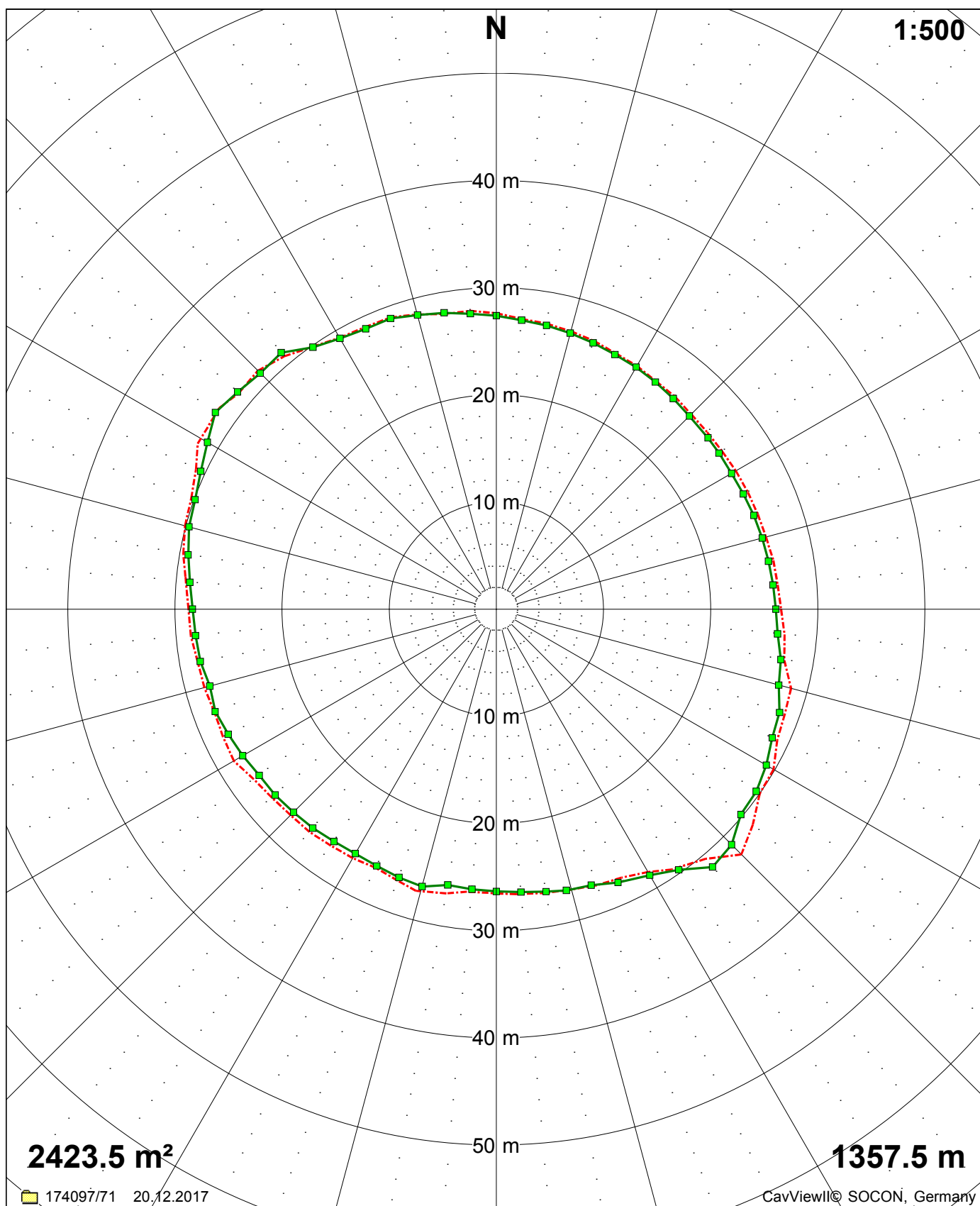
----- (19.05.2014) (2453.5 m²)

----- (20.12.2017) (2402.2 m²)

d_{max}: 62.3 m 140° <--> 320° r_{min}: 25.2 m -> 57° r~: 27.7 m r_{max}: 31.6 m -> 305°

Heiligerlee K

20.12.2017



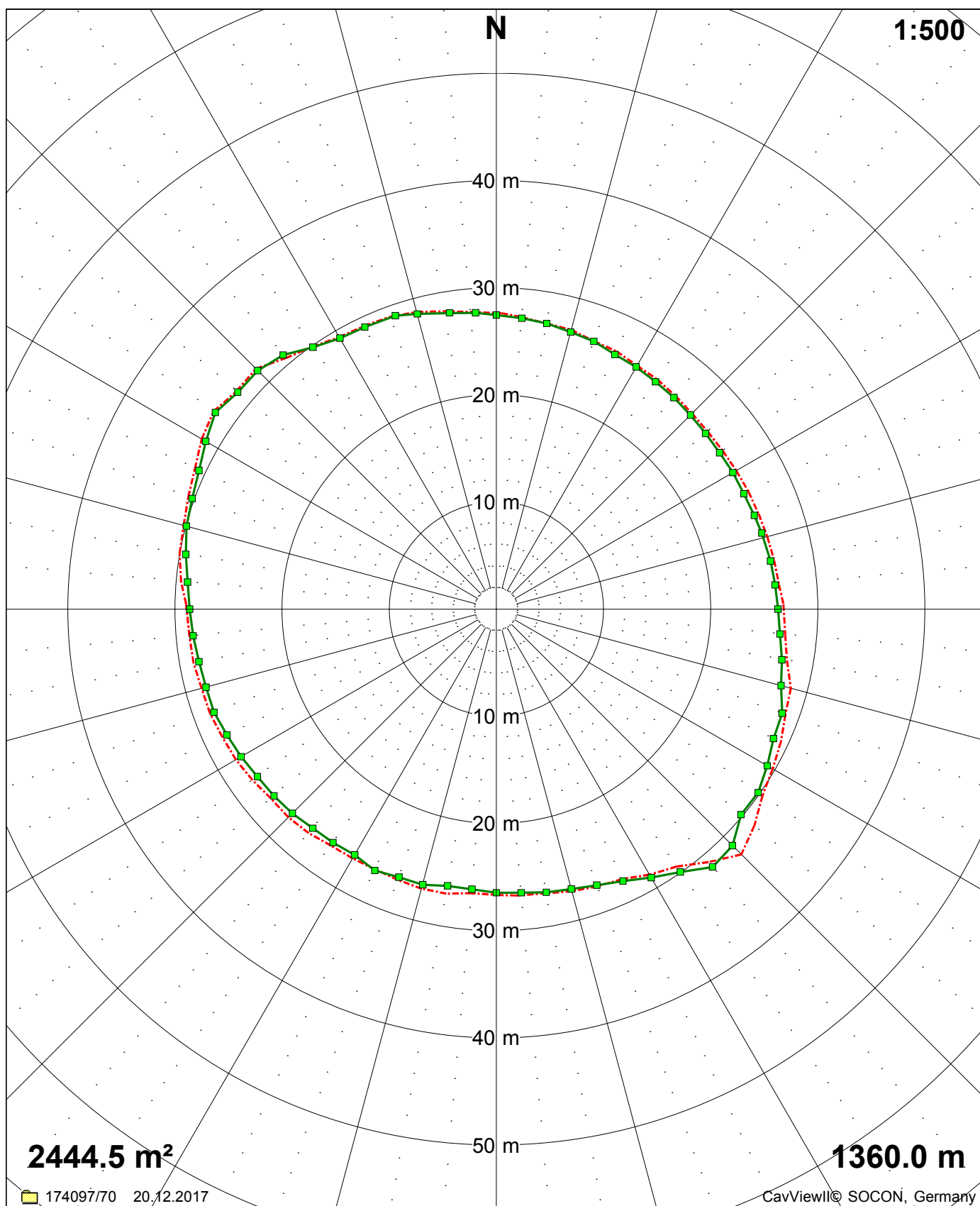
--- (19.05.2014) (2478.0 m²)

—■— (20.12.2017) (2423.5 m²)

d_{max}: 62.6 m 140° <--> 320° r_{min}: 25.3 m -> 57° r~: 27.8 m r_{max}: 32.0 m -> 305°

Heiligerlee K

20.12.2017



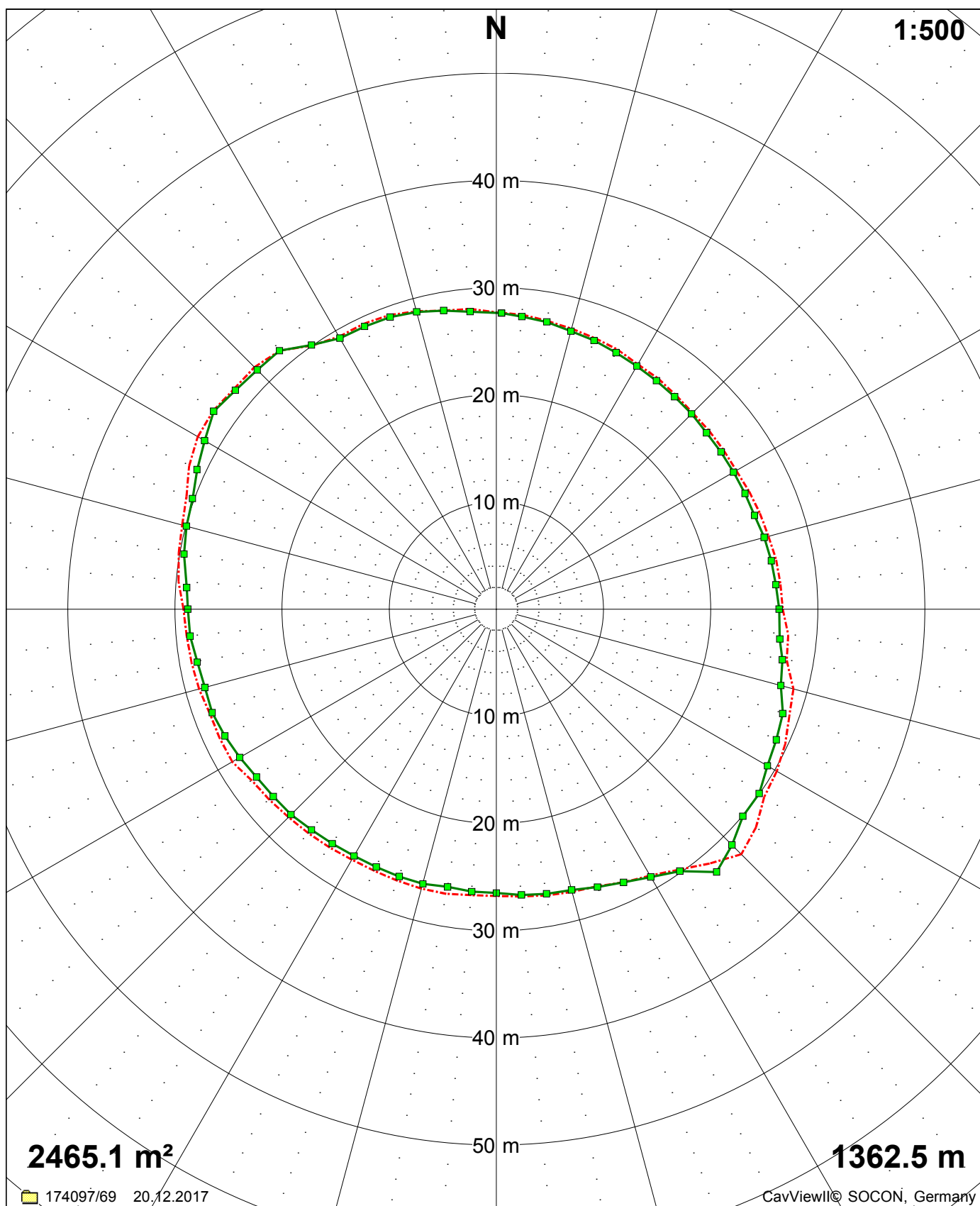
----- (19.05.2014) (2499.0 m²)

----- (20.12.2017) (2444.5 m²)

d_{max}: 62.7 m 135° <--> 315° r_{min}: 25.4 m -> 56° r~: 27.9 m r_{max}: 32.0 m -> 305°

Heiligerlee K

20.12.2017



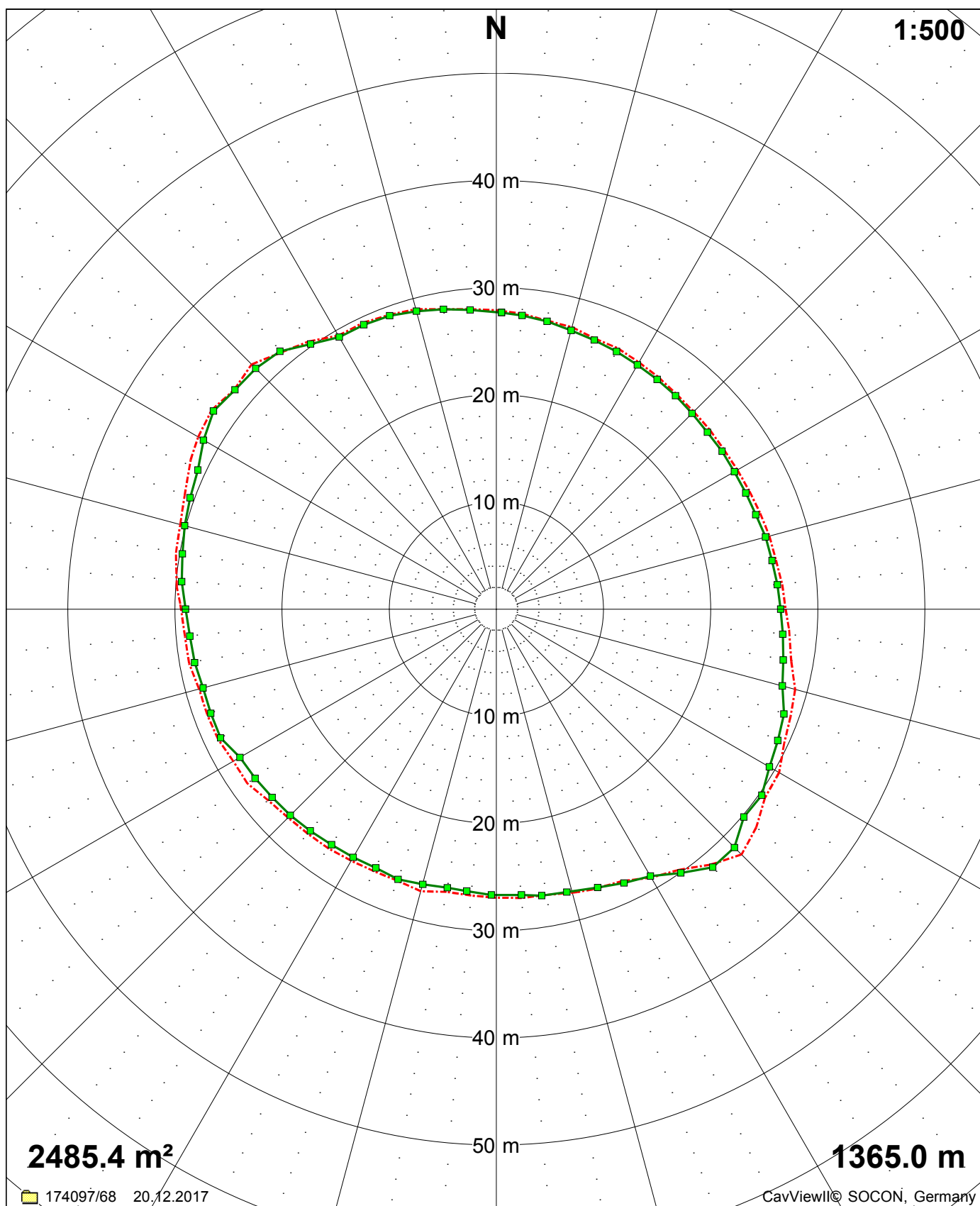
----- (19.05.2014) (2530.9 m²)

—■— (20.12.2017) (2465.1 m²)

d_{max}: 63.4 m 140° <--> 320° r_{min}: 25.5 m -> 57° r~: 28.0 m r_{max}: 32.2 m -> 305°

Heiligerlee K

20.12.2017



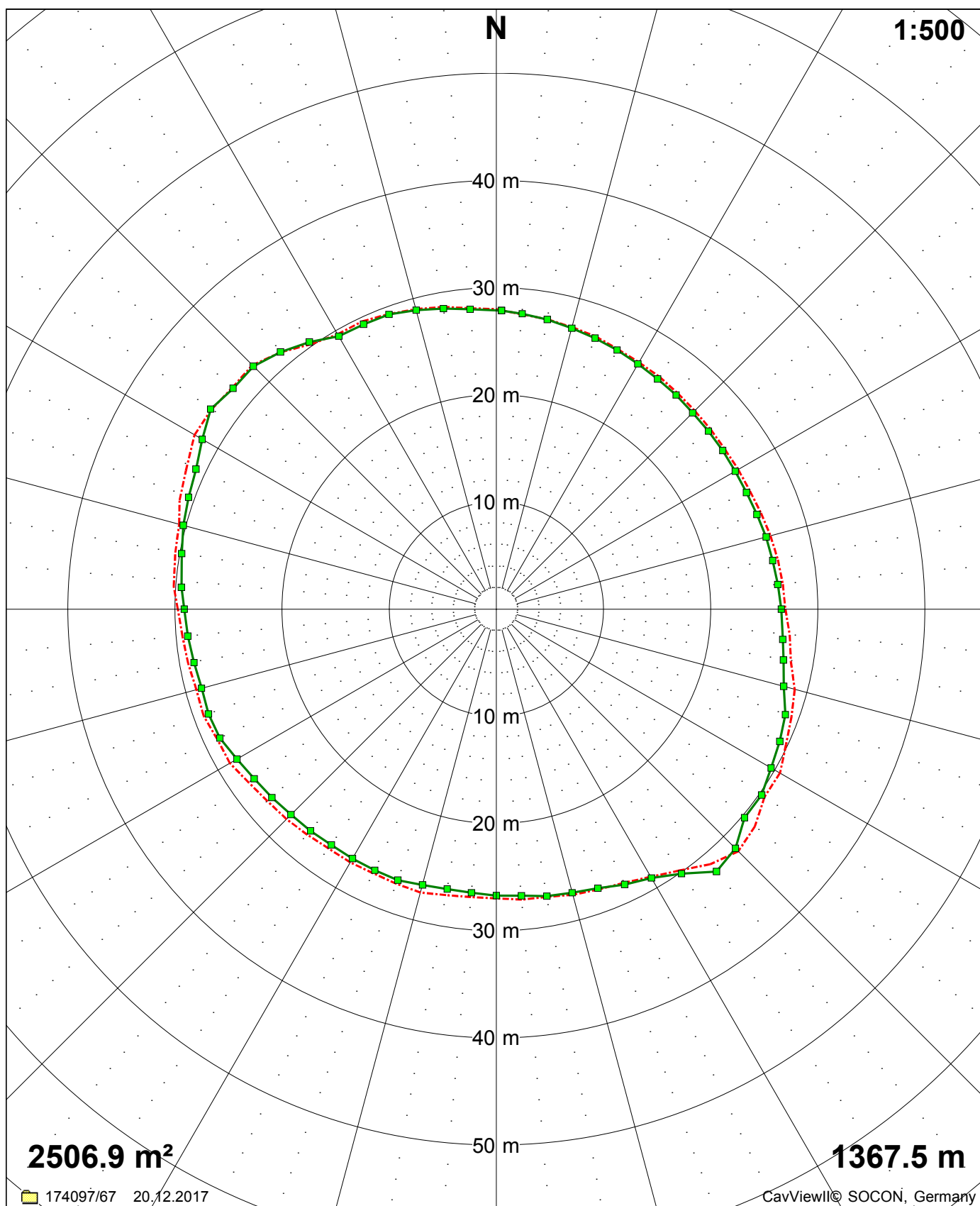
----- (19.05.2014) (2551.2 m²)

----- (20.12.2017) (2485.4 m²)

d_{max}: 63.2 m 135° <--> 315° r_{min}: 25.6 m -> 61° r~: 28.1 m r_{max}: 32.2 m -> 305°

Heiligerlee K

20.12.2017



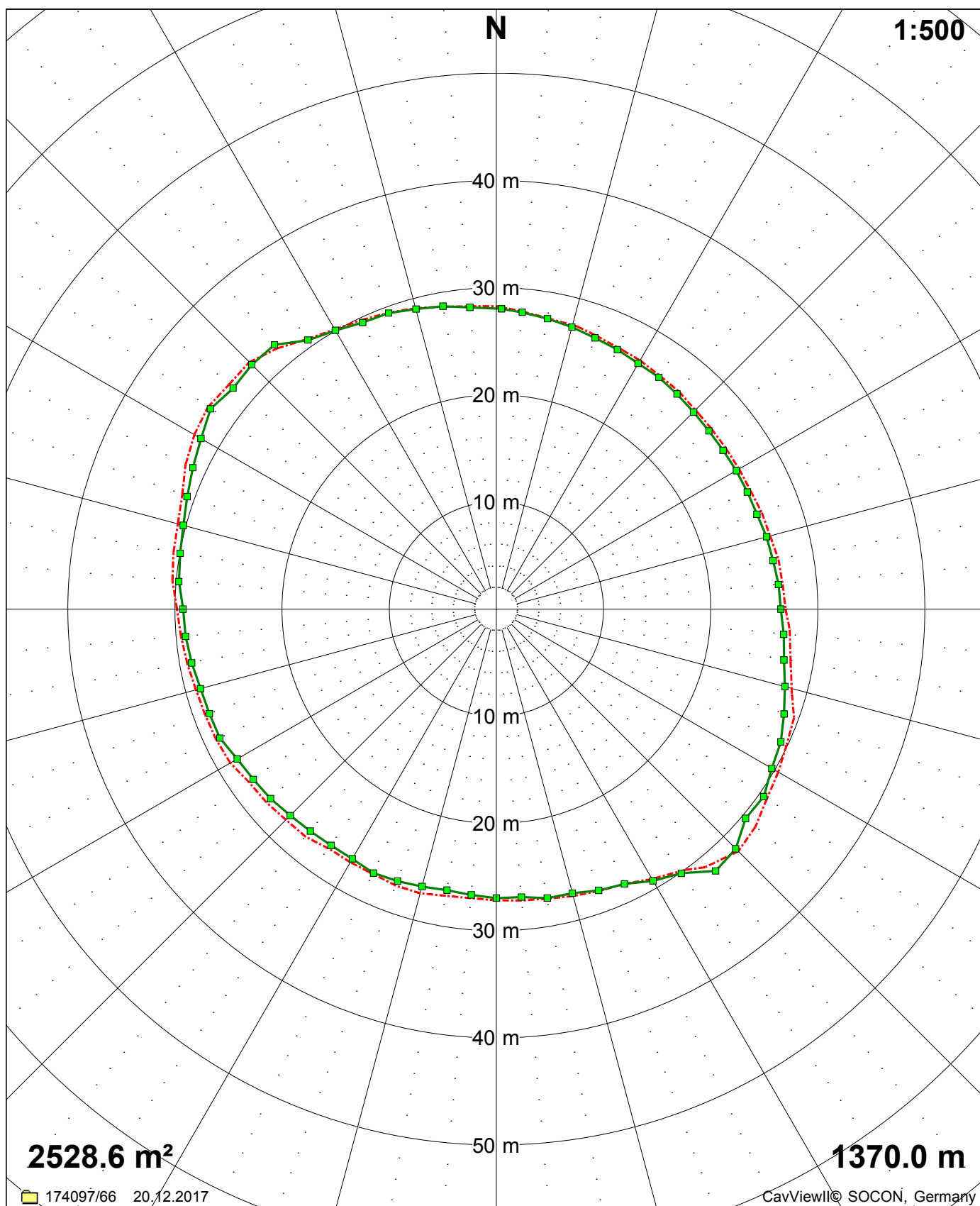
----- (19.05.2014) (2568.7 m²)

—■— (20.12.2017) (2506.9 m²)

d_{max}: 63.6 m 135° <--> 315° r_{min}: 25.7 m -> 62° r~: 28.2 m r_{max}: 32.5 m -> 305°

Heiligerlee K

20.12.2017



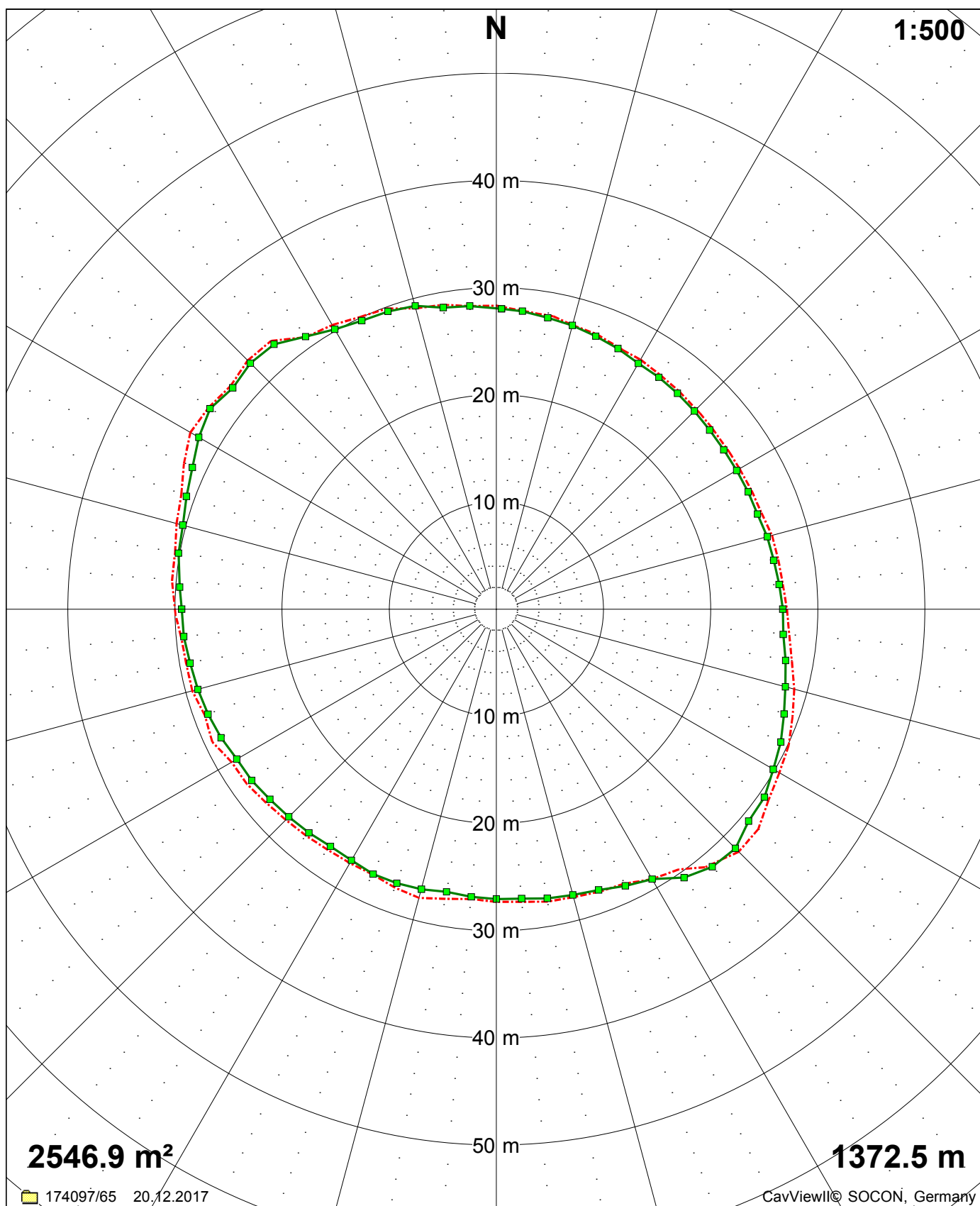
----- (19.05.2014) (2590.5 m²)

—■— (20.12.2017) (2528.6 m²)

d_{max}: 64.0 m 140° <--> 320° r_{min}: 25.8 m -> 56° r~: 28.4 m r_{max}: 32.6 m -> 305°

Heiligerlee K

20.12.2017



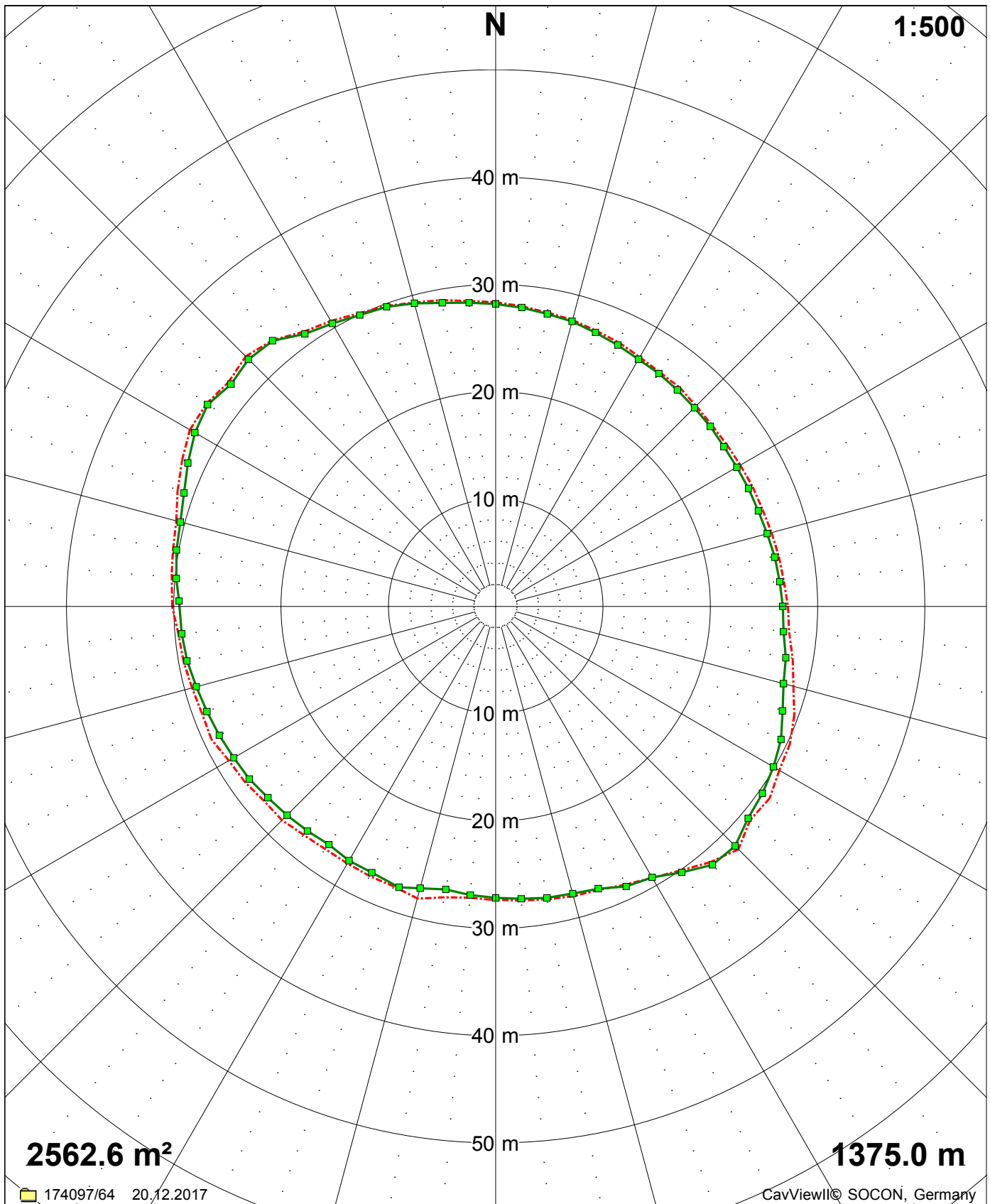
----- (19.05.2014) (2612.7 m²)

----- (20.12.2017) (2546.9 m²)

d_{max}: 64.0 m 135° <--> 315° r_{min}: 25.9 m -> 57° r~: 28.5 m r_{max}: 32.6 m -> 305°

Heiligerlee K

20.12.2017



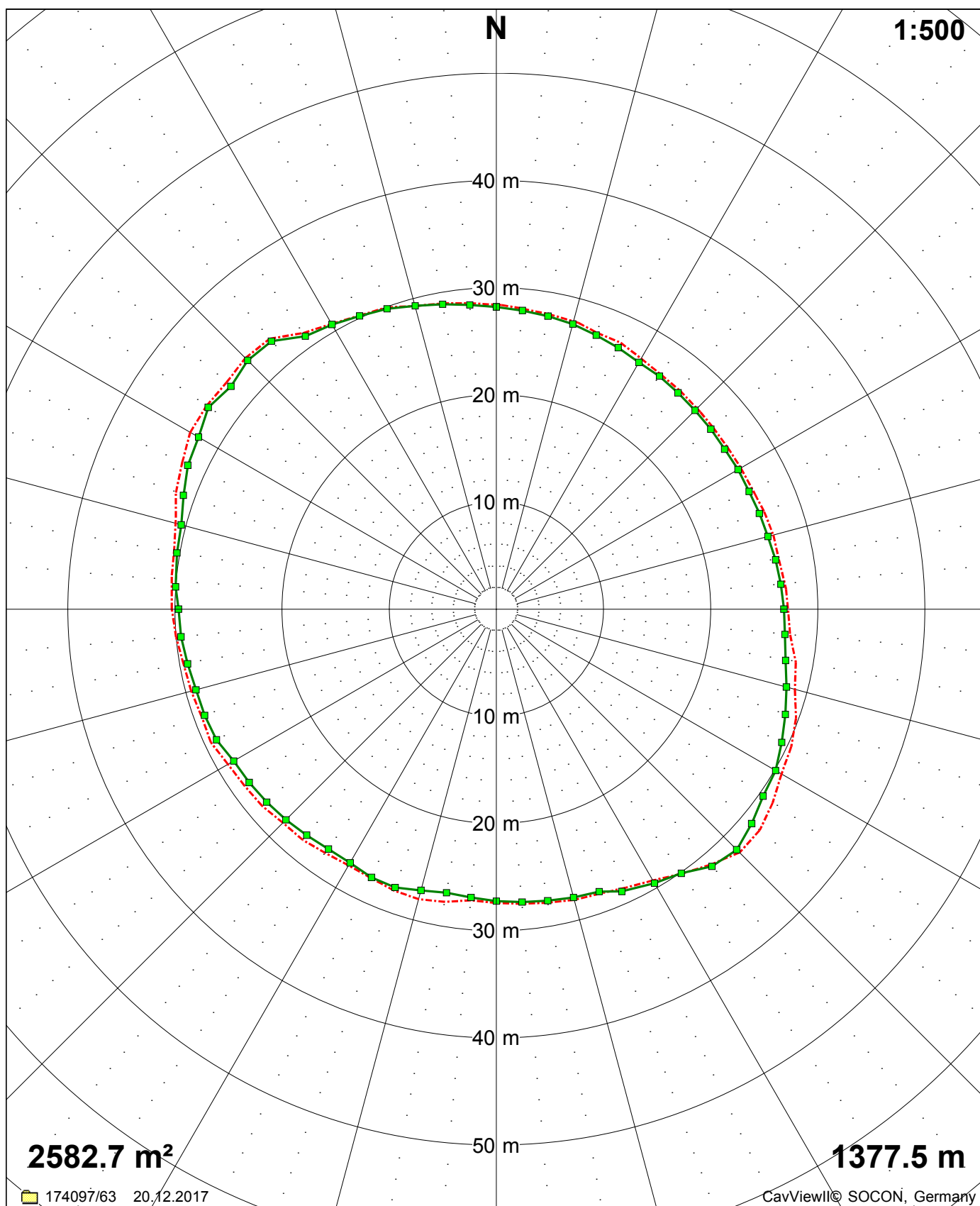
----- (19.05.2014) (2627.7 m²)

—■— (20.12.2017) (2562.6 m²)

d_{max}: 64.1 m 135° <--> 315° r_{min}: 25.9 m -> 57° r~: 28.6 m r_{max}: 32.8 m -> 305°

Heiligerlee K

20.12.2017



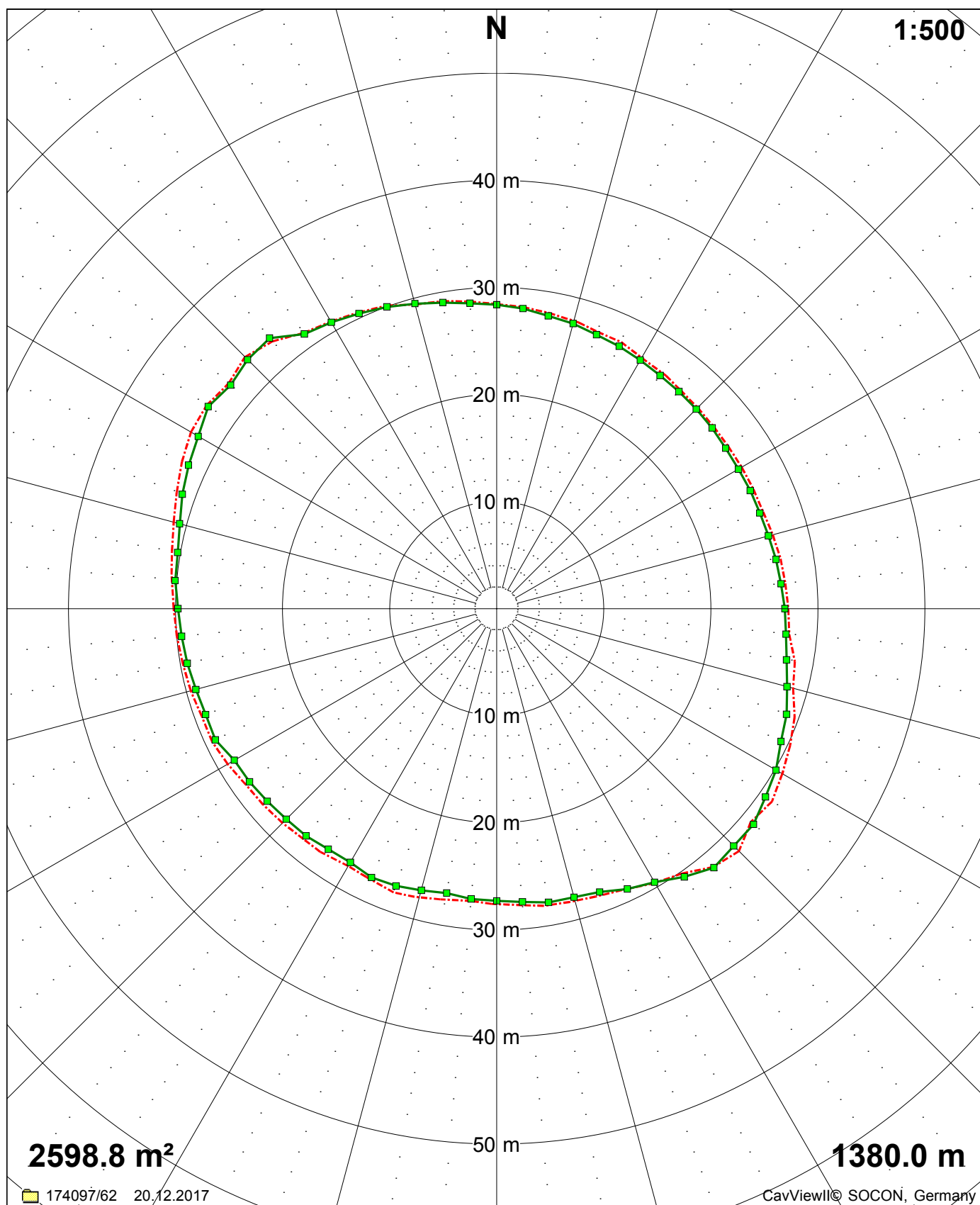
----- (19.05.2014) (2653.2 m²)

----- (20.12.2017) (2582.7 m²)

d_{max}: 64.5 m 135° <--> 315° r_{min}: 26.0 m -> 56° r~: 28.7 m r_{max}: 32.8 m -> 305°

Heiligerlee K

20.12.2017



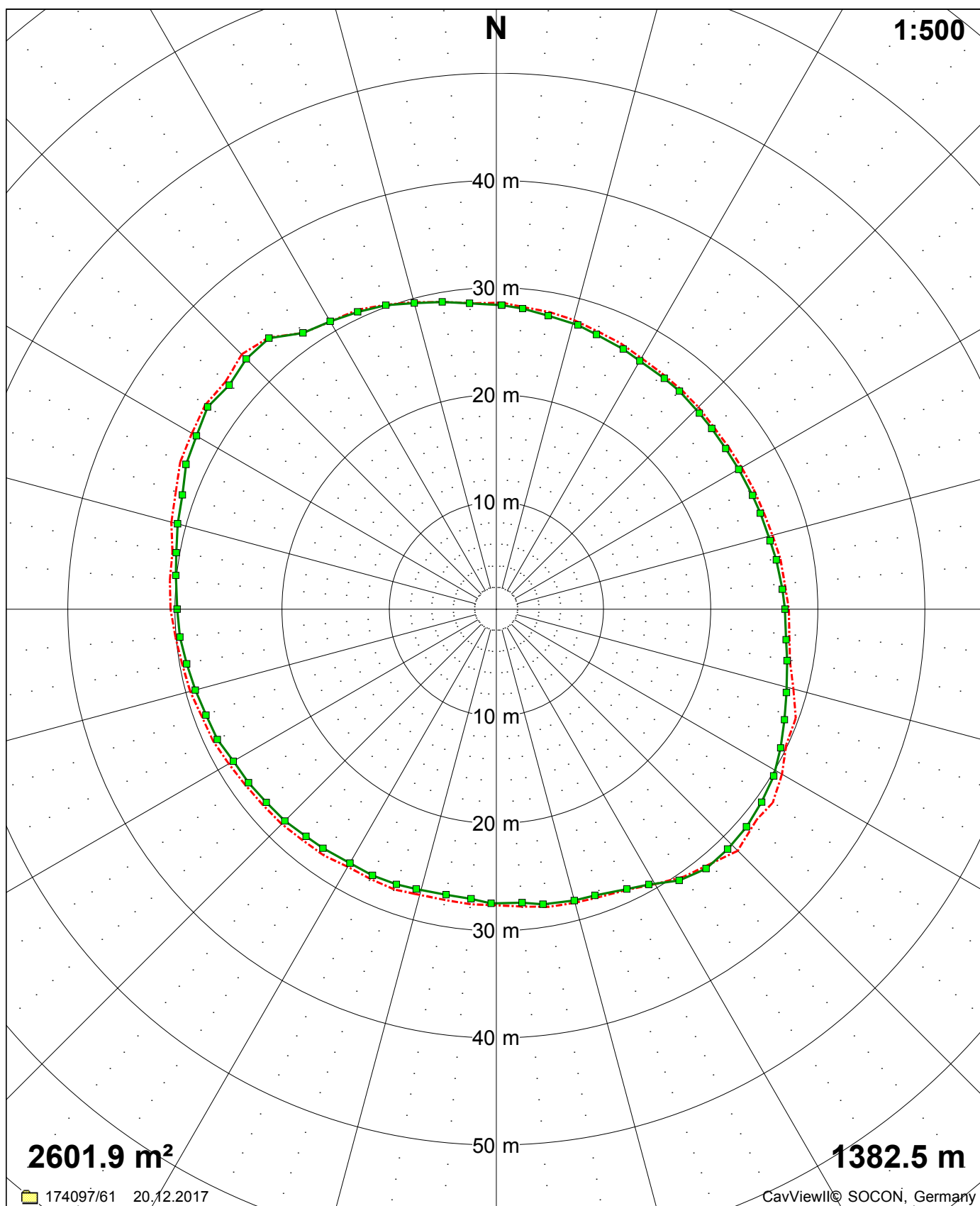
----- (19.05.2014) (2661.2 m²)

—■— (20.12.2017) (2598.8 m²)

d_{max}: 64.5 m 140° <--> 320° r_{min}: 26.0 m -> 58° r~: 28.8 m r_{max}: 33.0 m -> 320°

Heiligerlee K

20.12.2017



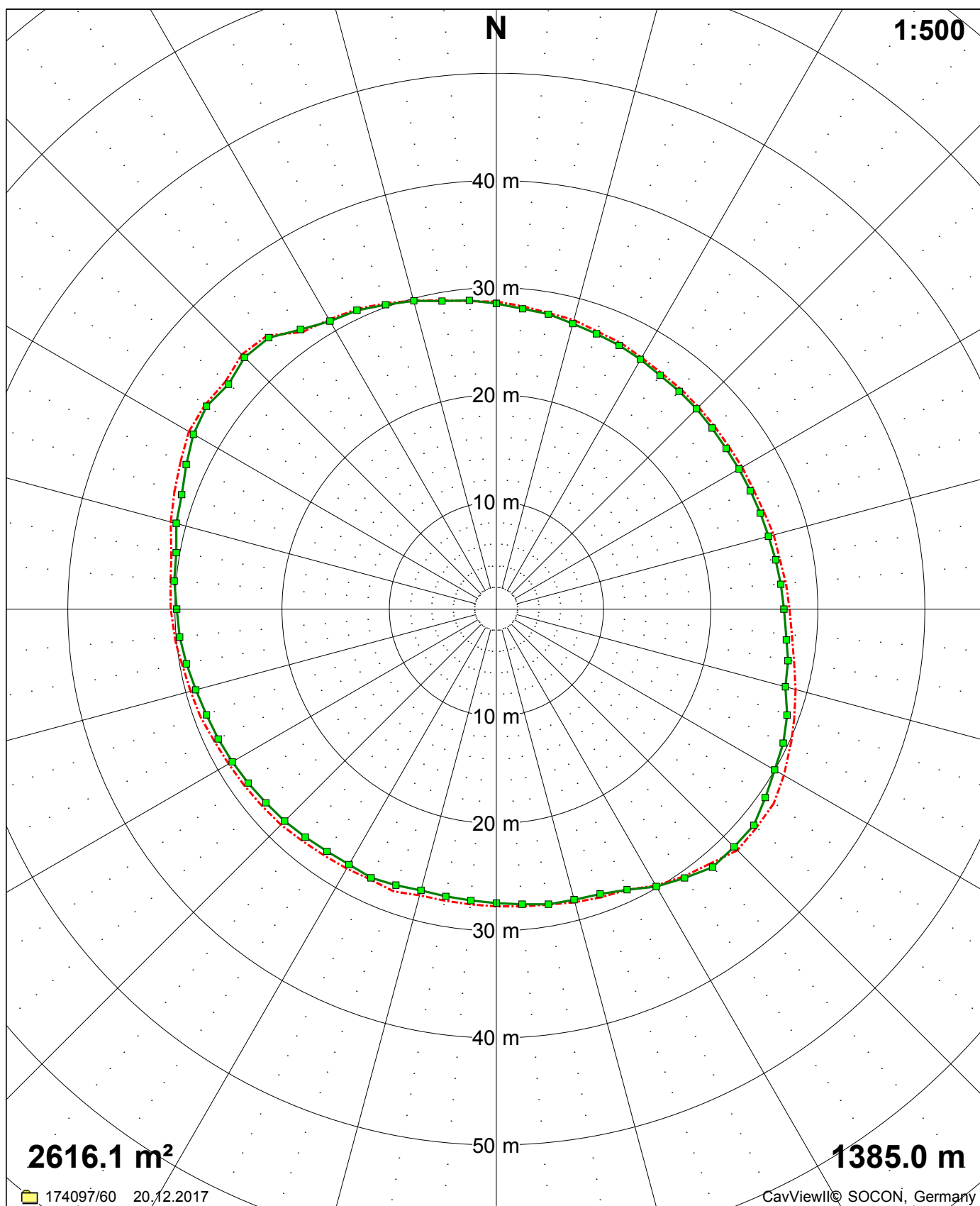
--- (19.05.2014) (2666.5 m²)

—■— (20.12.2017) (2601.9 m²)

$d_{\max}$: 64.1 m 140° <--> 320° $r_{\min}$: 26.1 m -> 61° $r_{\sim}$: 28.8 m $r_{\max}$: 33.0 m -> 315°

Heiligerlee K

20.12.2017



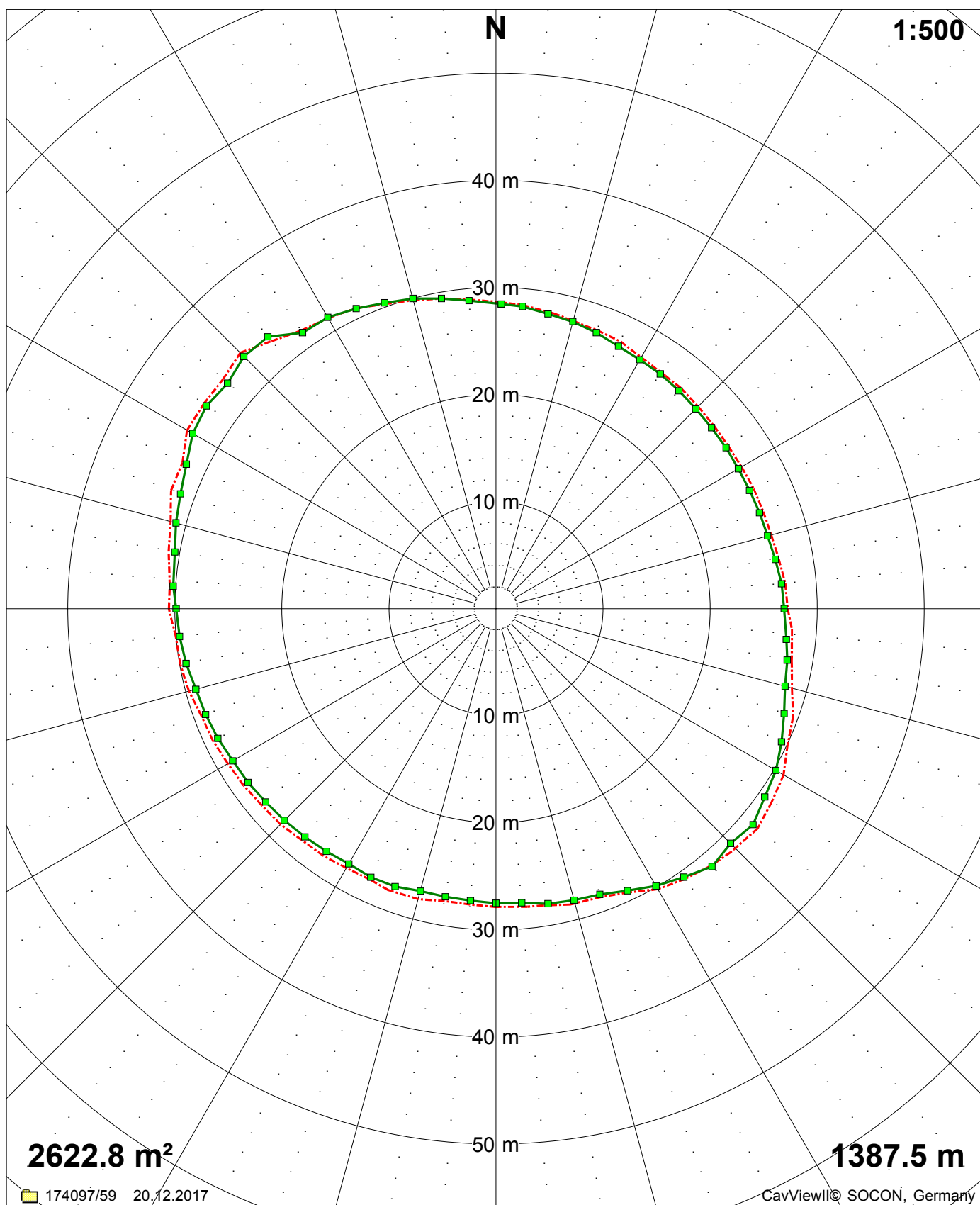
--- (19.05.2014) (2680.2 m²)

—■— (20.12.2017) (2616.1 m²)

d_{max}: 64.6 m 135° <--> 315° r_{min}: 26.1 m -> 62° r~: 28.9 m r_{max}: 33.2 m -> 315°

Heiligerlee K

20.12.2017



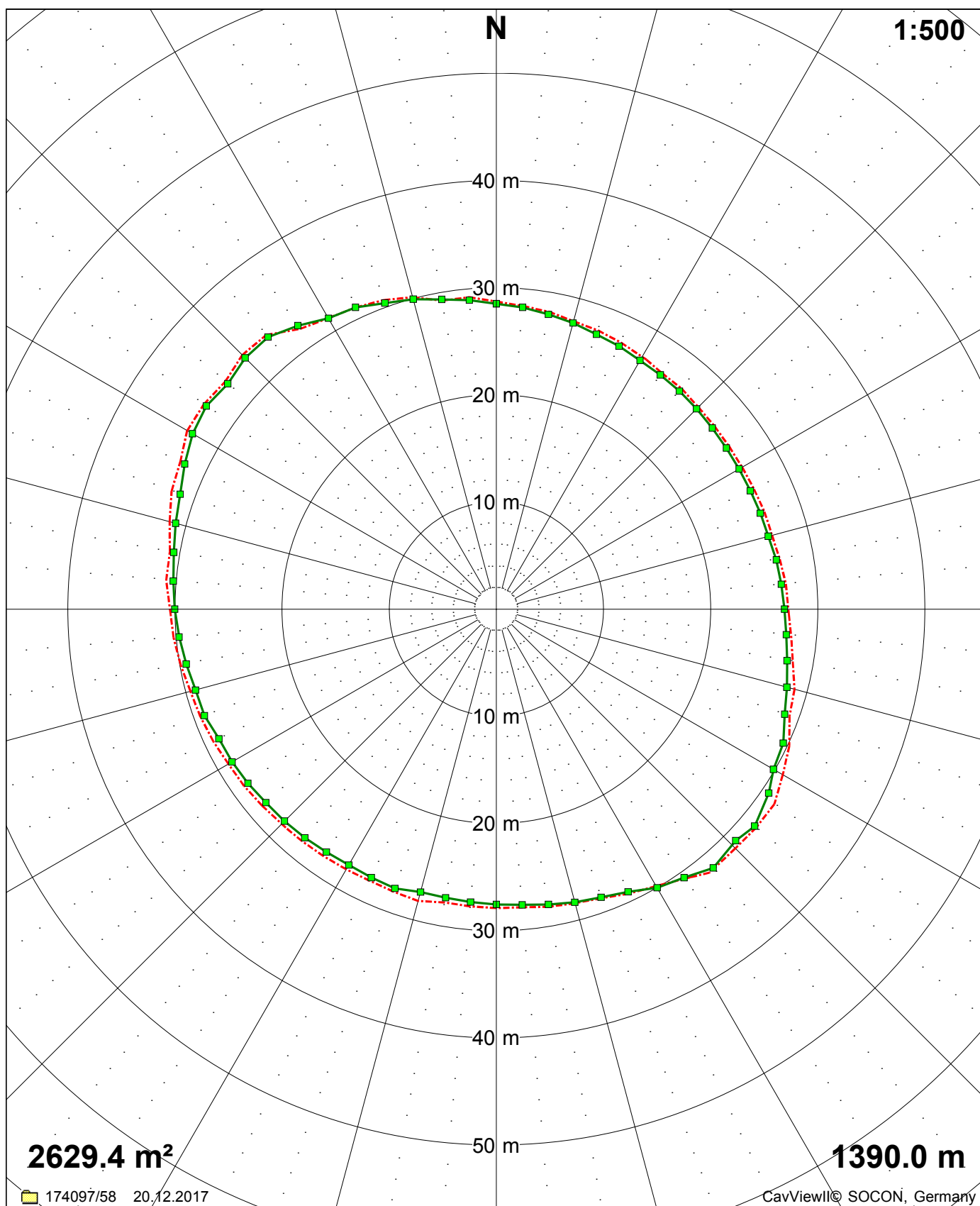
----- (19.05.2014) (2690.2 m²)

—■— (20.12.2017) (2622.8 m²)

d_{max}: 64.5 m 140° <--> 320° r_{min}: 26.1 m -> 62° r~: 28.9 m r_{max}: 33.3 m -> 315°

Heiligerlee K

20.12.2017



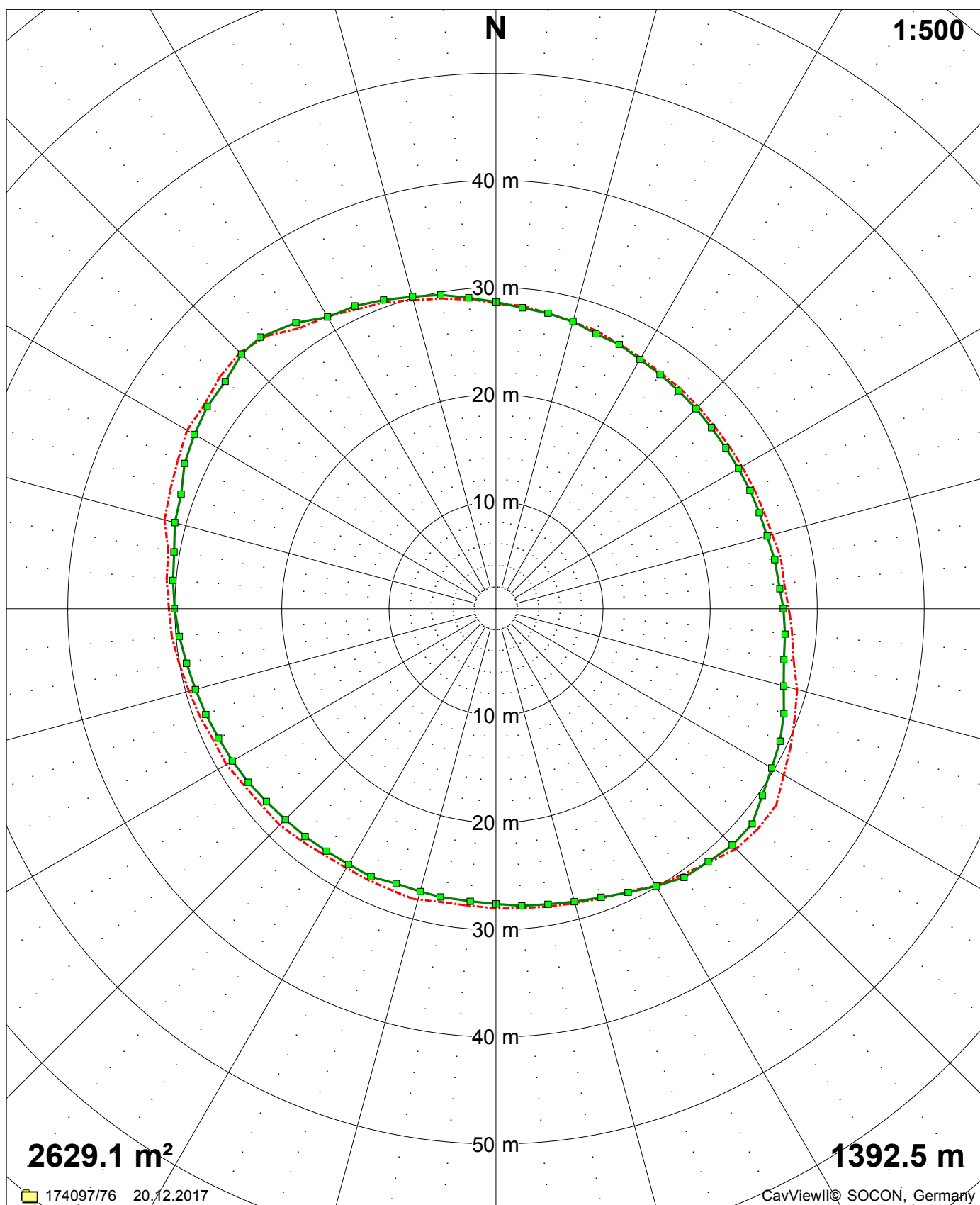
----- (19.05.2014) (2694.9 m²)

—■— (20.12.2017) (2629.4 m²)

d_{max}: 64.6 m 140° <--> 320° r_{min}: 26.1 m -> 62° r~: 28.9 m r_{max}: 33.2 m -> 315°

Heiligerlee K

20.12.2017



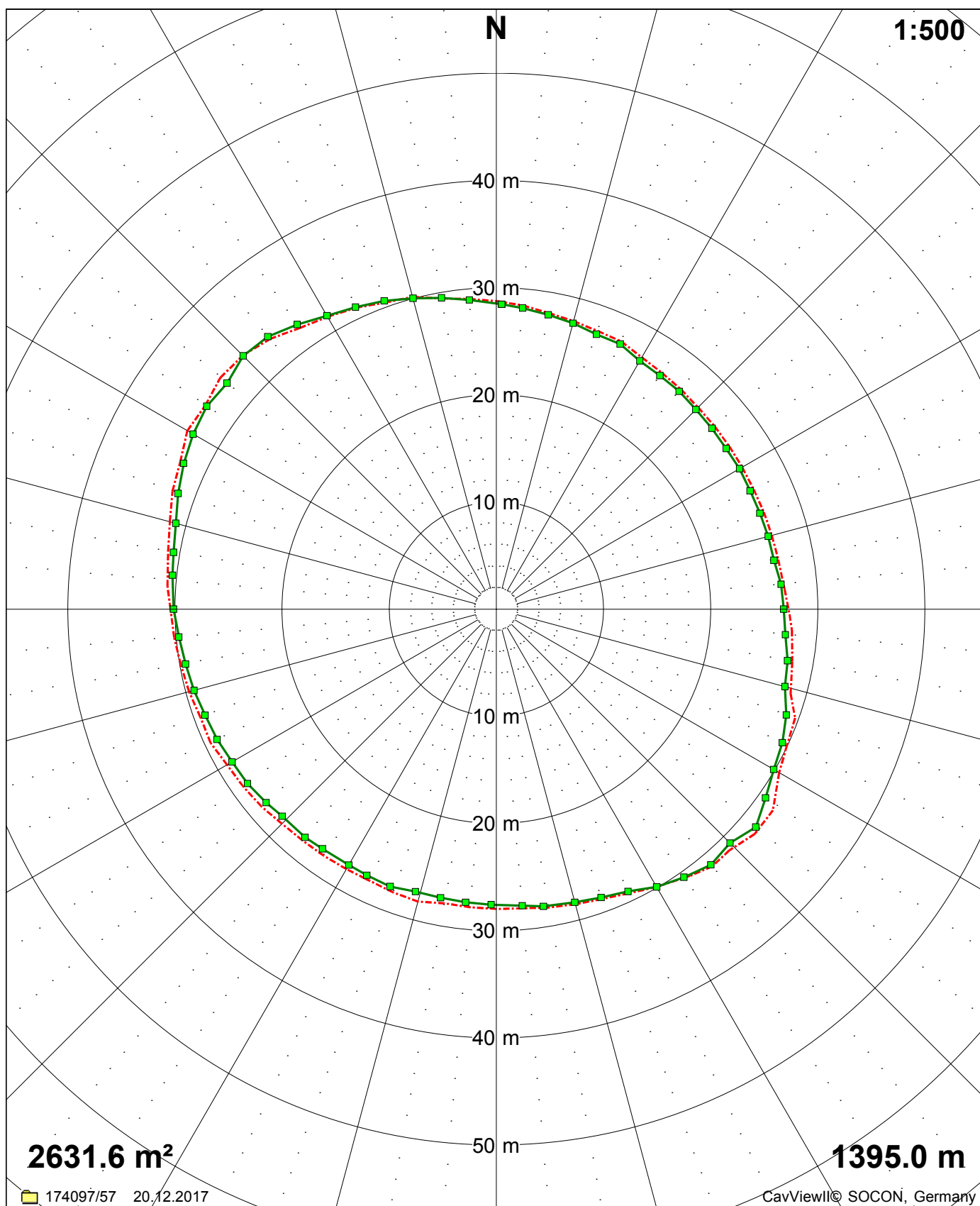
----- (19.05.2014) (2702.6 m²)

—■— (20.12.2017) (2629.1 m²)

d_{max}: 64.8 m 135° <--> 315° r_{min}: 26.1 m -> 67° r~: 28.9 m r_{max}: 33.6 m -> 315°

Heiligerlee K

20.12.2017



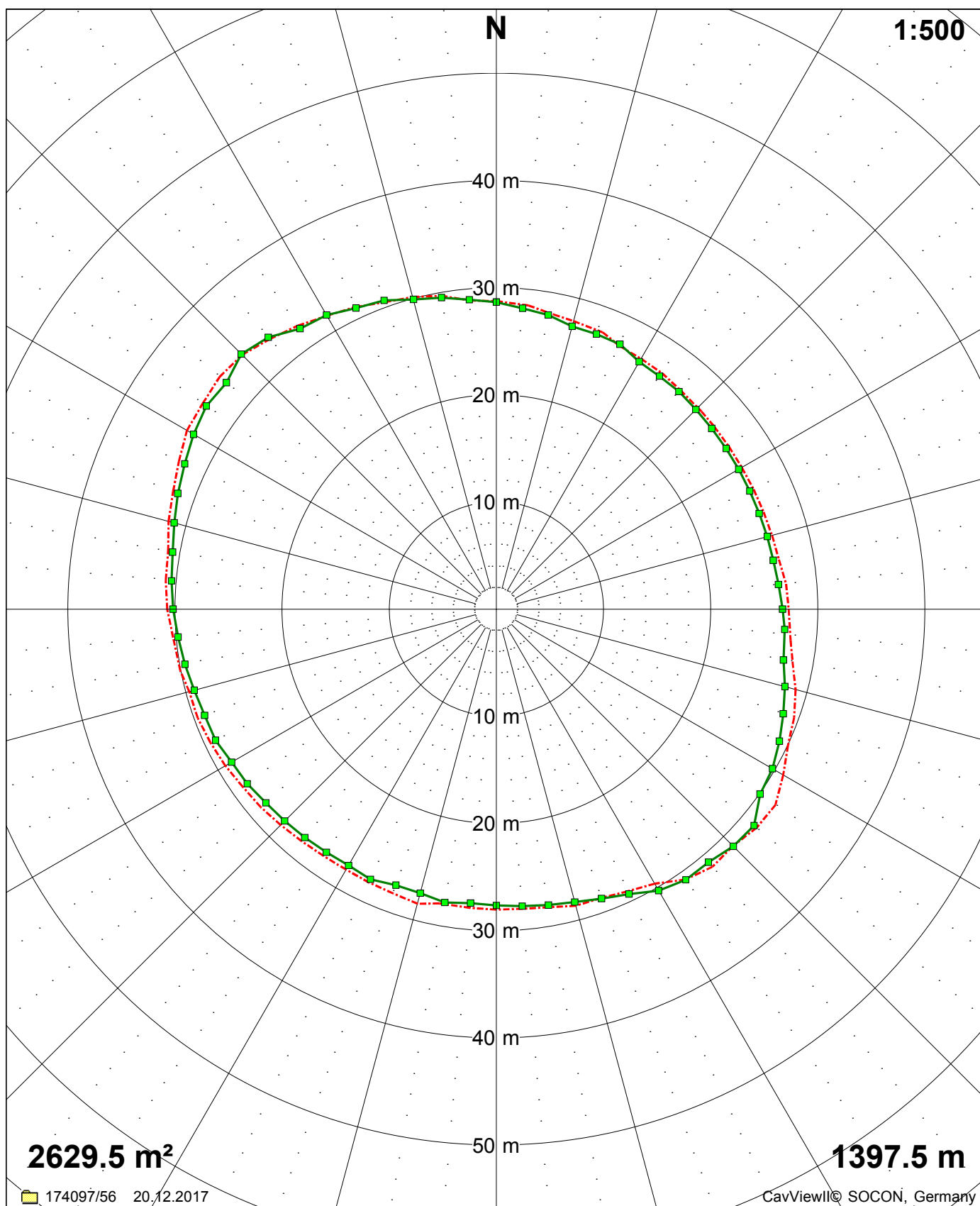
--- (19.05.2014) (2694.6 m²)

—■— (20.12.2017) (2631.6 m²)

d_{max}: 64.4 m 130° <--> 310° r_{min}: 26.1 m -> 66° r~: 28.9 m r_{max}: 33.4 m -> 315°

Heiligerlee K

20.12.2017



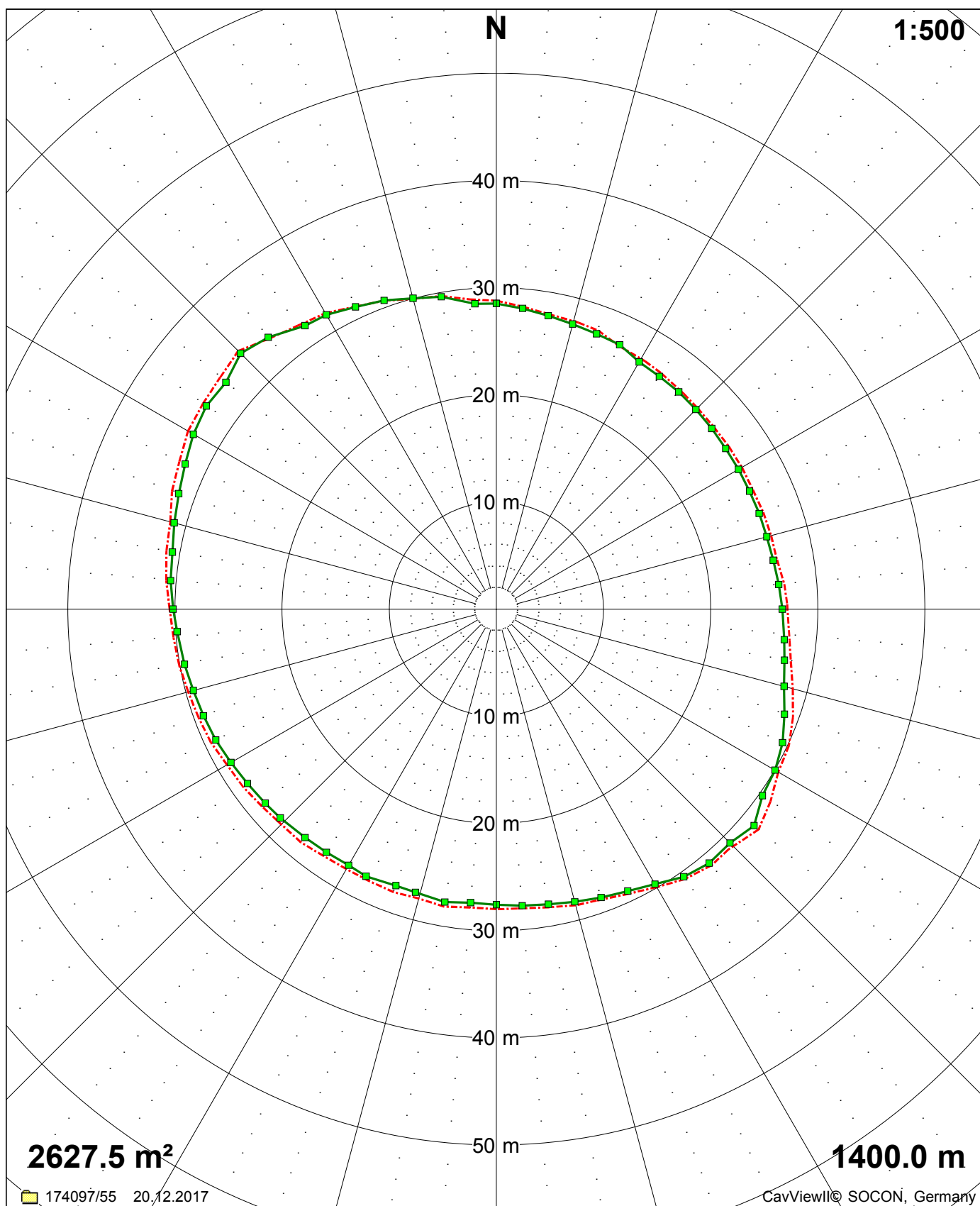
----- (19.05.2014) (2703.5 m²)

----- (20.12.2017) (2629.5 m²)

$d_{\max}$: 64.9 m 135° <--> 315° $r_{\min}$: 26.1 m -> 62° $r_{\sim}$: 28.9 m $r_{\max}$: 33.7 m -> 315°

Heiligerlee K

20.12.2017



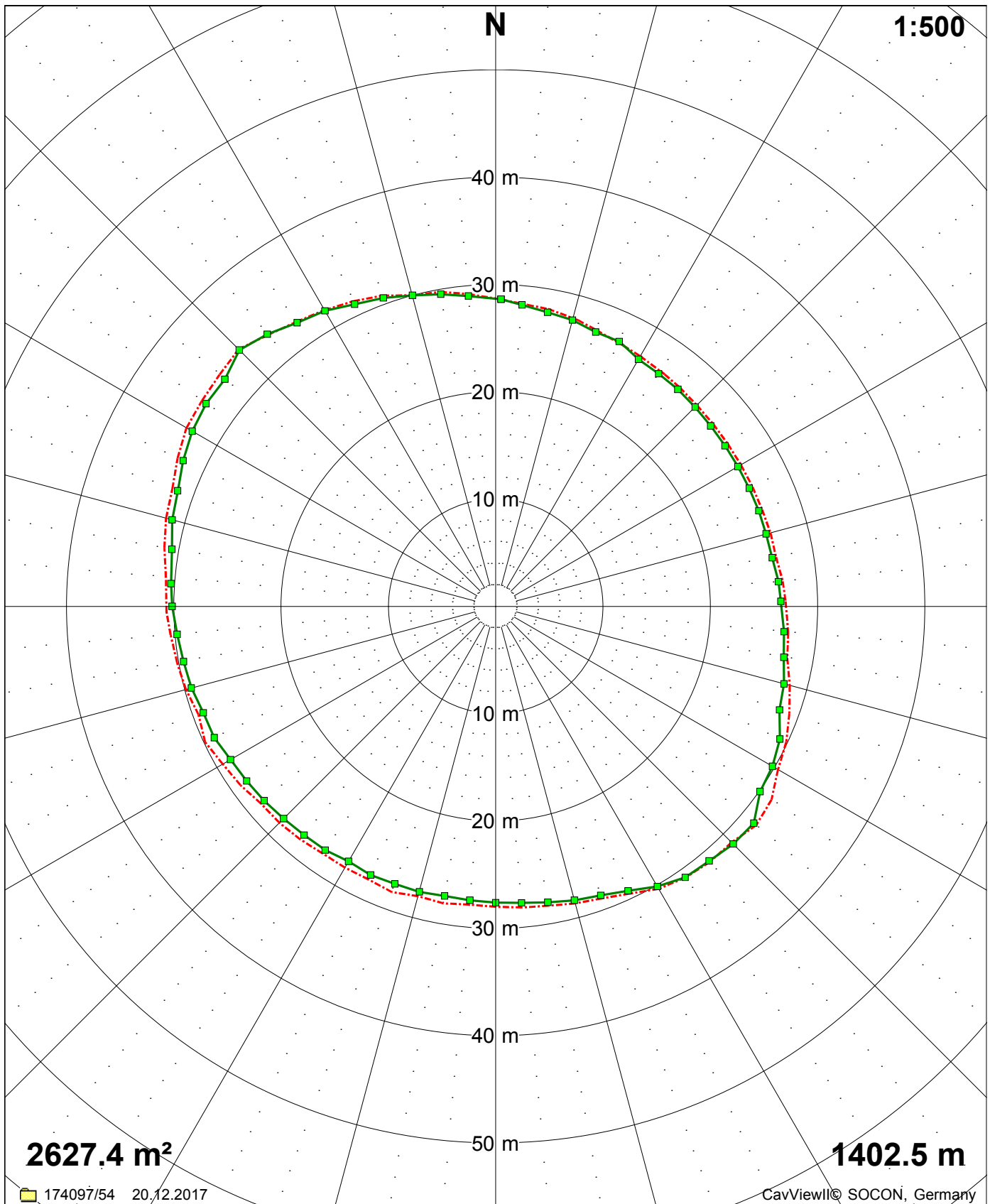
----- (19.05.2014) (2697.2 m²)

----- (20.12.2017) (2627.5 m²)

d_{max}: 64.6 m 135° <--> 315° r_{min}: 26.0 m -> 62° r~: 28.9 m r_{max}: 33.8 m -> 315°

Heiligerlee K

20.12.2017



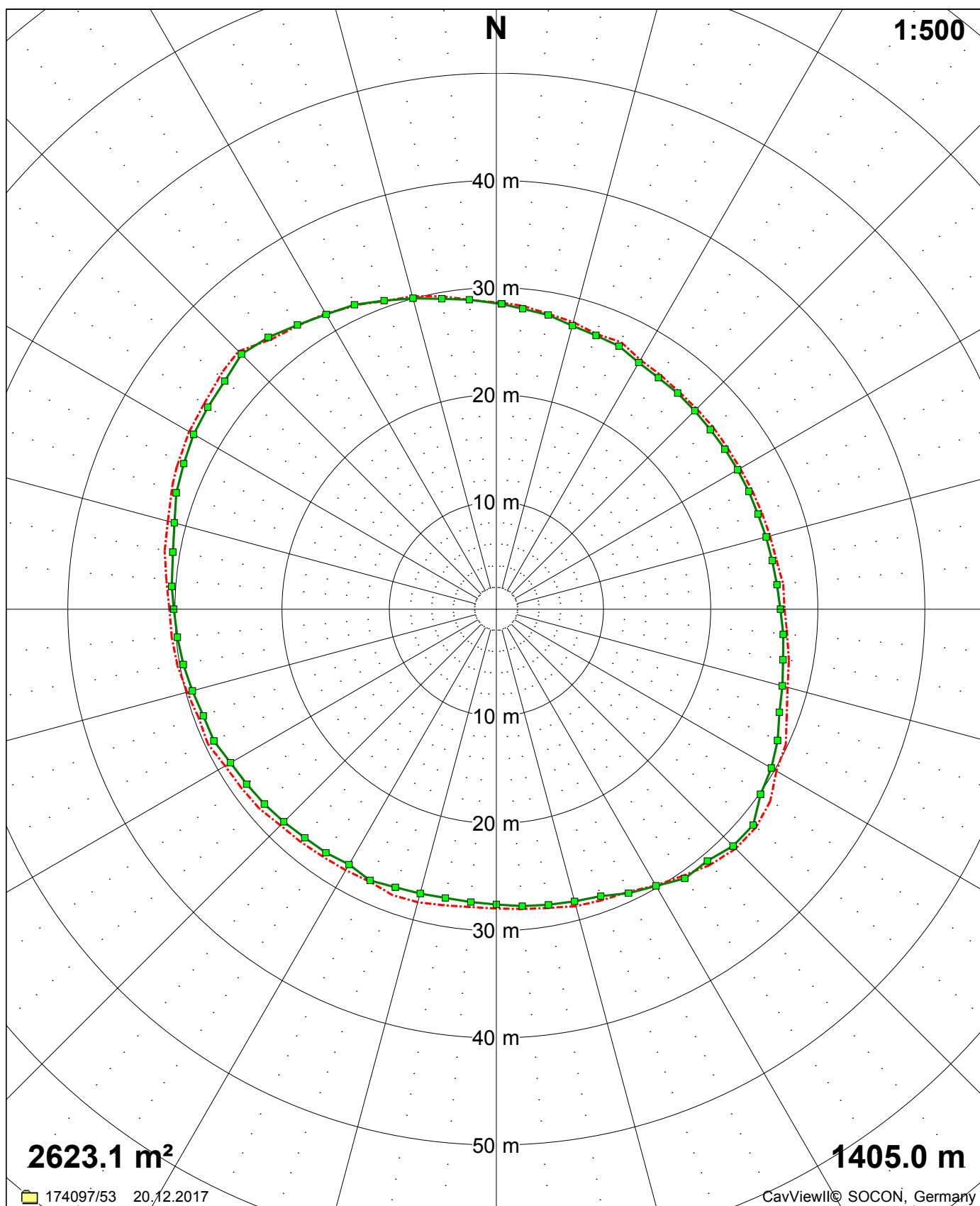
----- (19.05.2014) (2700.8 m²)

—■— (20.12.2017) (2627.4 m²)

$d_{\max}$: 65.1 m 135° <--> 315° $r_{\min}$: 26.0 m -> 62° $r_{\sim}$: 28.9 m $r_{\max}$: 33.8 m -> 315°

Heiligerlee K

20.12.2017



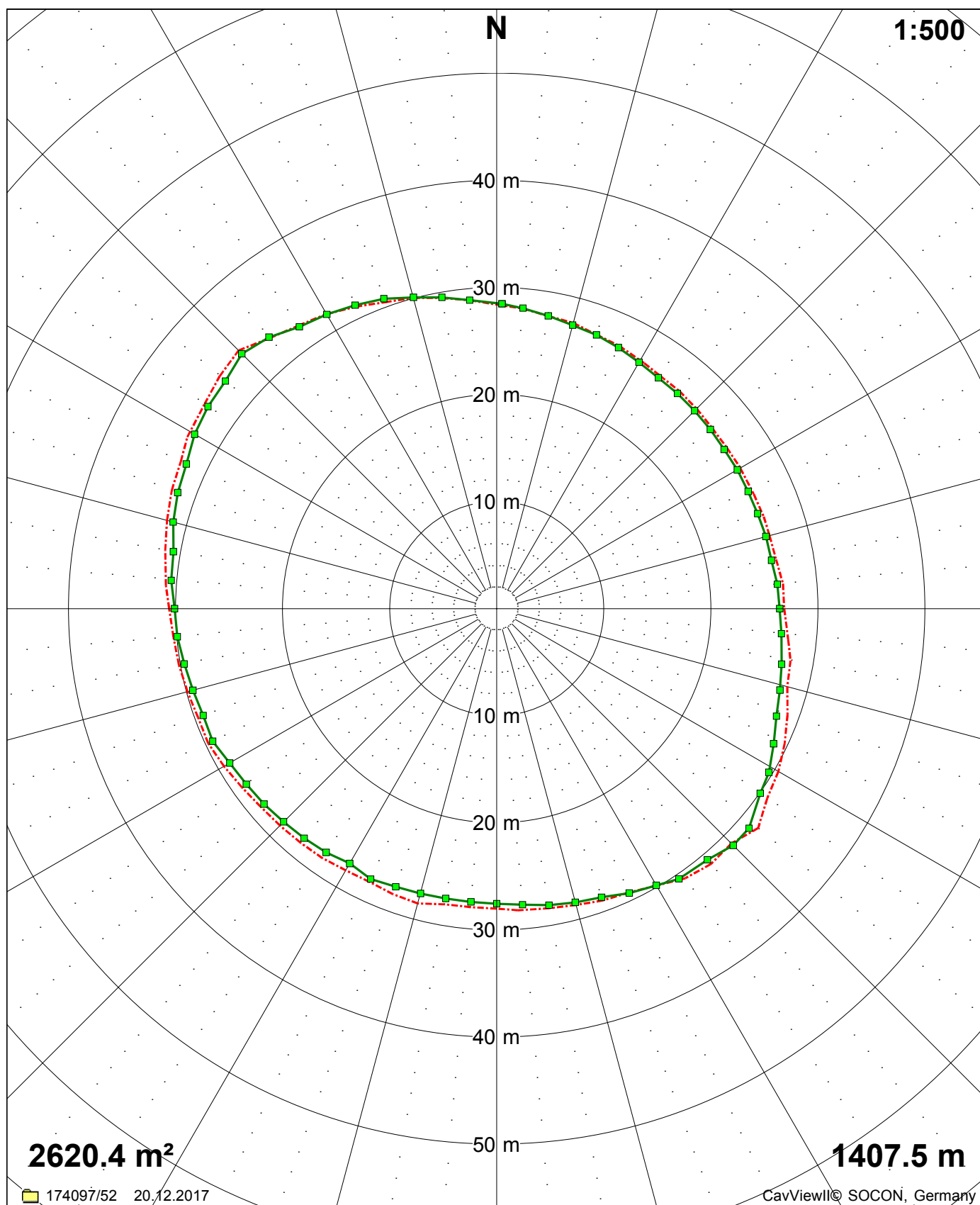
--- (19.05.2014) (2693.2 m²)

—■ (20.12.2017) (2623.1 m²)

d_{max}: 64.9 m 135° <--> 315° r_{min}: 26.0 m -> 67° r~: 28.9 m r_{max}: 33.6 m -> 315°

Heiligerlee K

20.12.2017



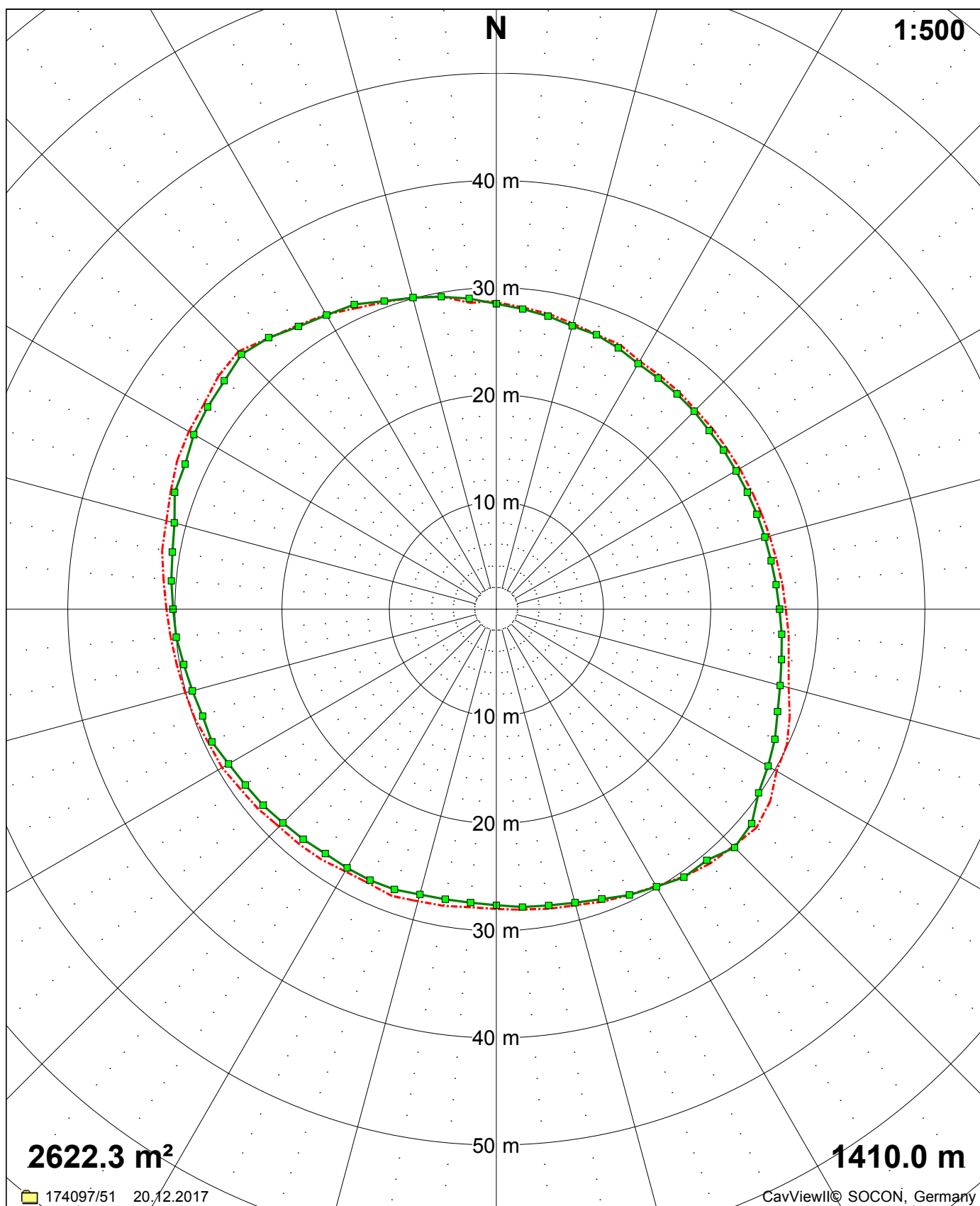
----- (19.05.2014) (2691.2 m²)

----- (20.12.2017) (2620.4 m²)

d_{max}: 64.9 m 135° <--> 315° r_{min}: 25.9 m -> 66° r~: 28.9 m r_{max}: 33.7 m -> 315°

Heiligerlee K

20.12.2017



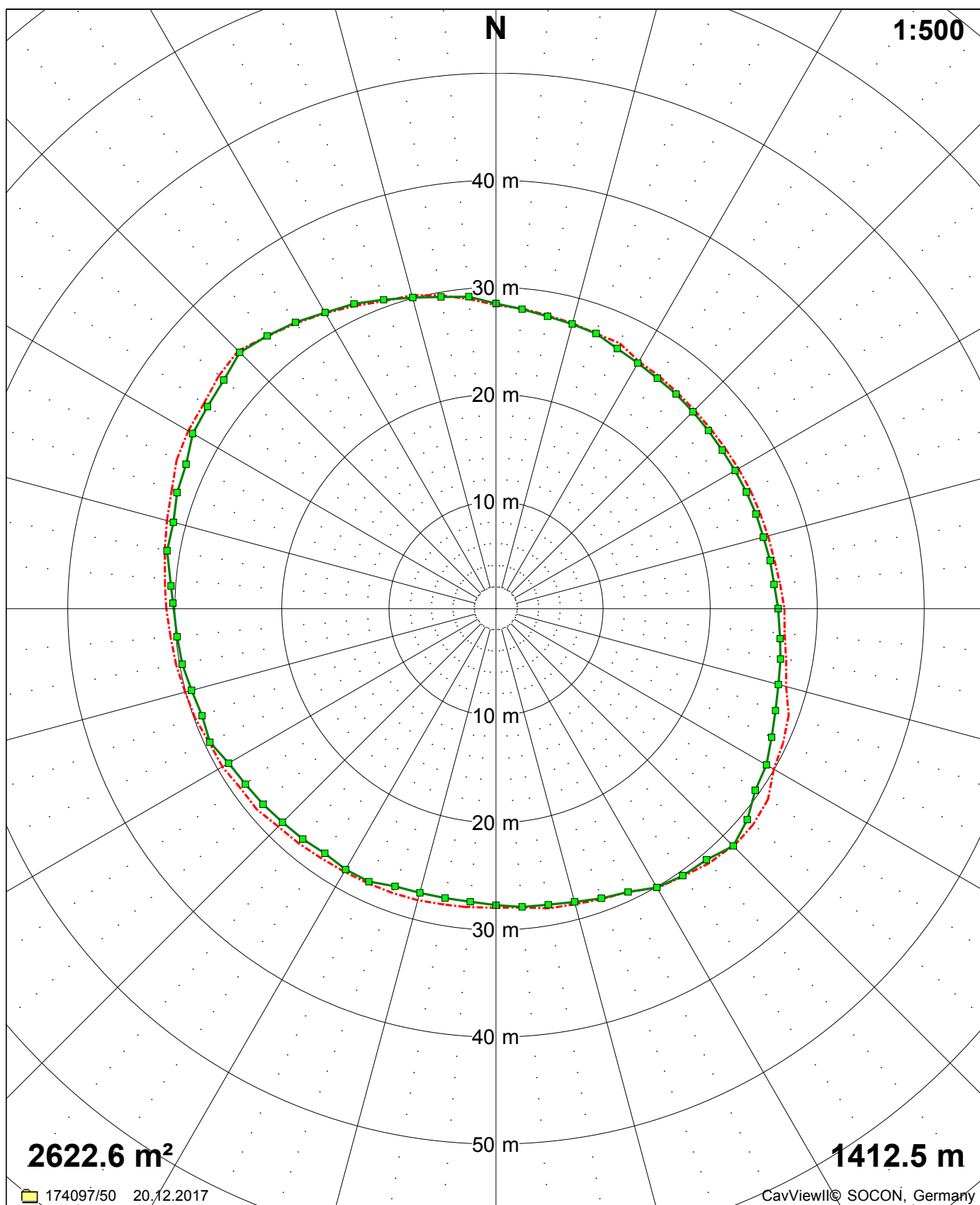
----- (19.05.2014) (2700.1 m²)

—■— (20.12.2017) (2622.3 m²)

d_{max}: 65.1 m 135° <--> 315° r_{min}: 25.8 m -> 61° r~: 28.9 m r_{max}: 33.6 m -> 315°

Heiligerlee K

20.12.2017



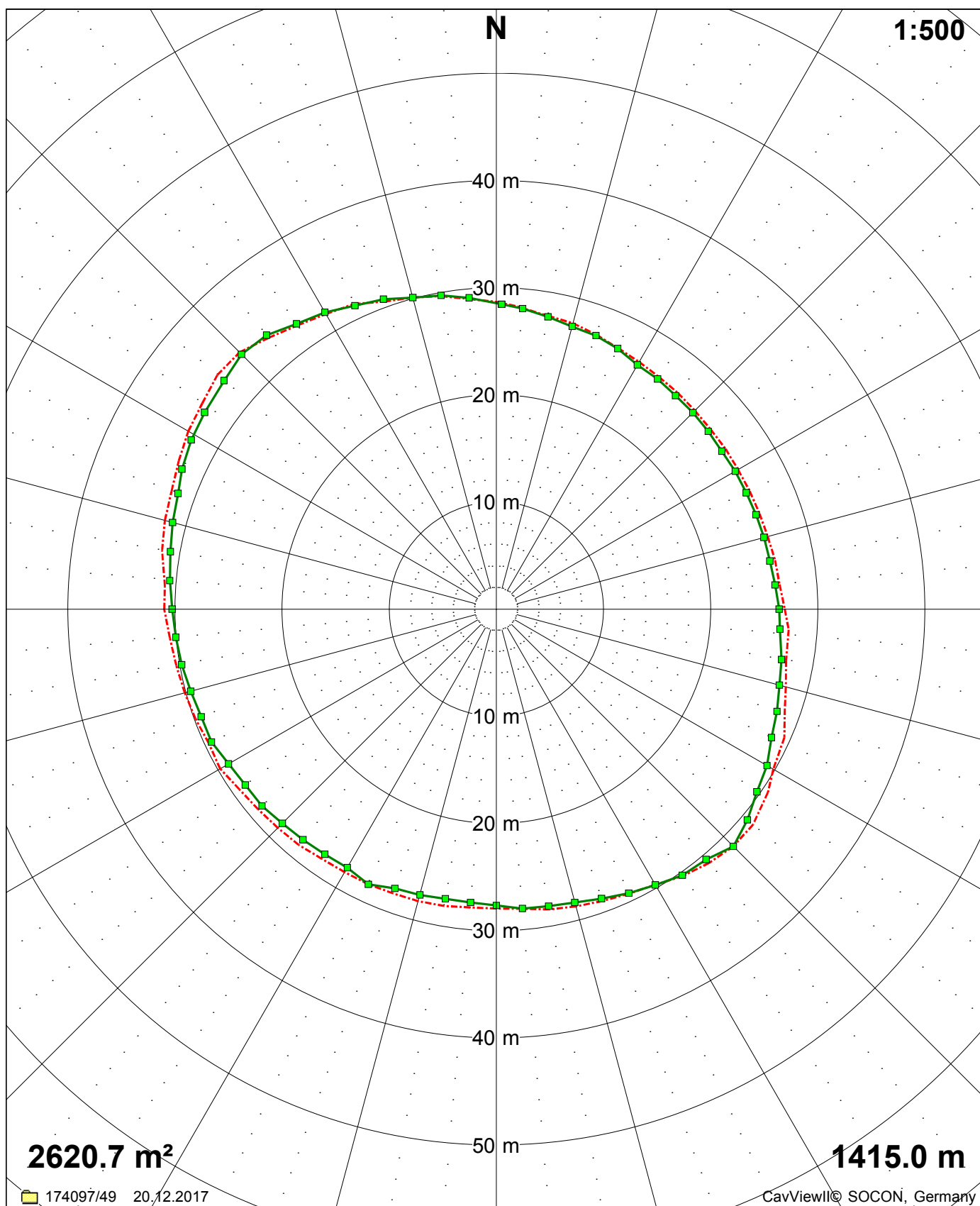
--- (19.05.2014) (2693.2 m²)

—■— (20.12.2017) (2622.6 m²)

d_{max}: 65.2 m 135° <--> 315° r_{min}: 25.8 m -> 57° r~: 28.9 m r_{max}: 33.8 m -> 315°

Heiligerlee K

20.12.2017



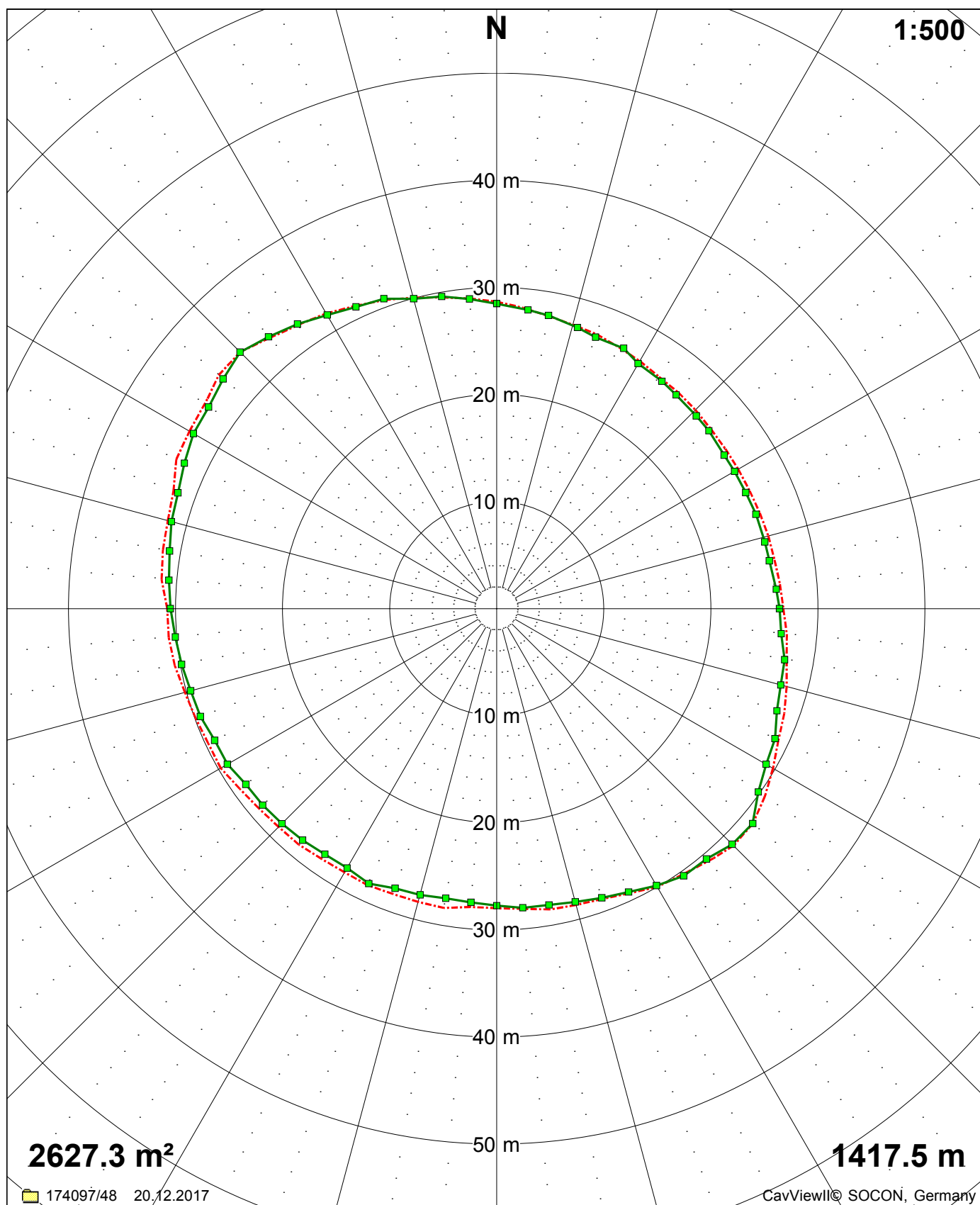
----- (19.05.2014) (2690.5 m²)

—■— (20.12.2017) (2620.7 m²)

d_{max}: 64.9 m 135° <--> 315° r_{min}: 25.7 m -> 56° r~: 28.9 m r_{max}: 33.6 m -> 315°

Heiligerlee K

20.12.2017



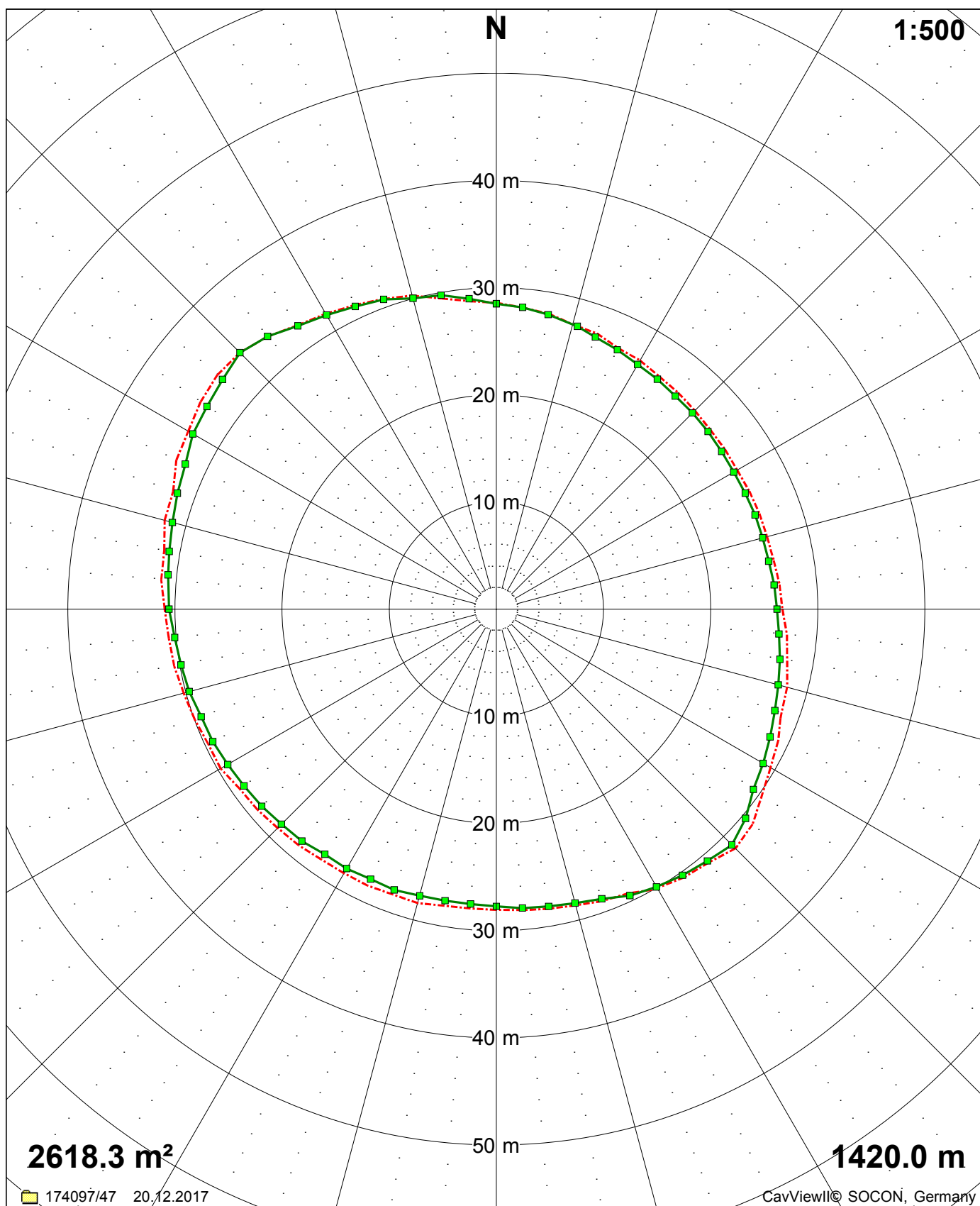
----- (19.05.2014) (2690.3 m²)

—■— (20.12.2017) (2627.3 m²)

$d_{\max}$: 65.0 m 135° <--> 315° $r_{\min}$: 25.6 m -> 57° $r_{\sim}$: 28.9 m $r_{\max}$: 33.9 m -> 315°

Heiligerlee K

20.12.2017



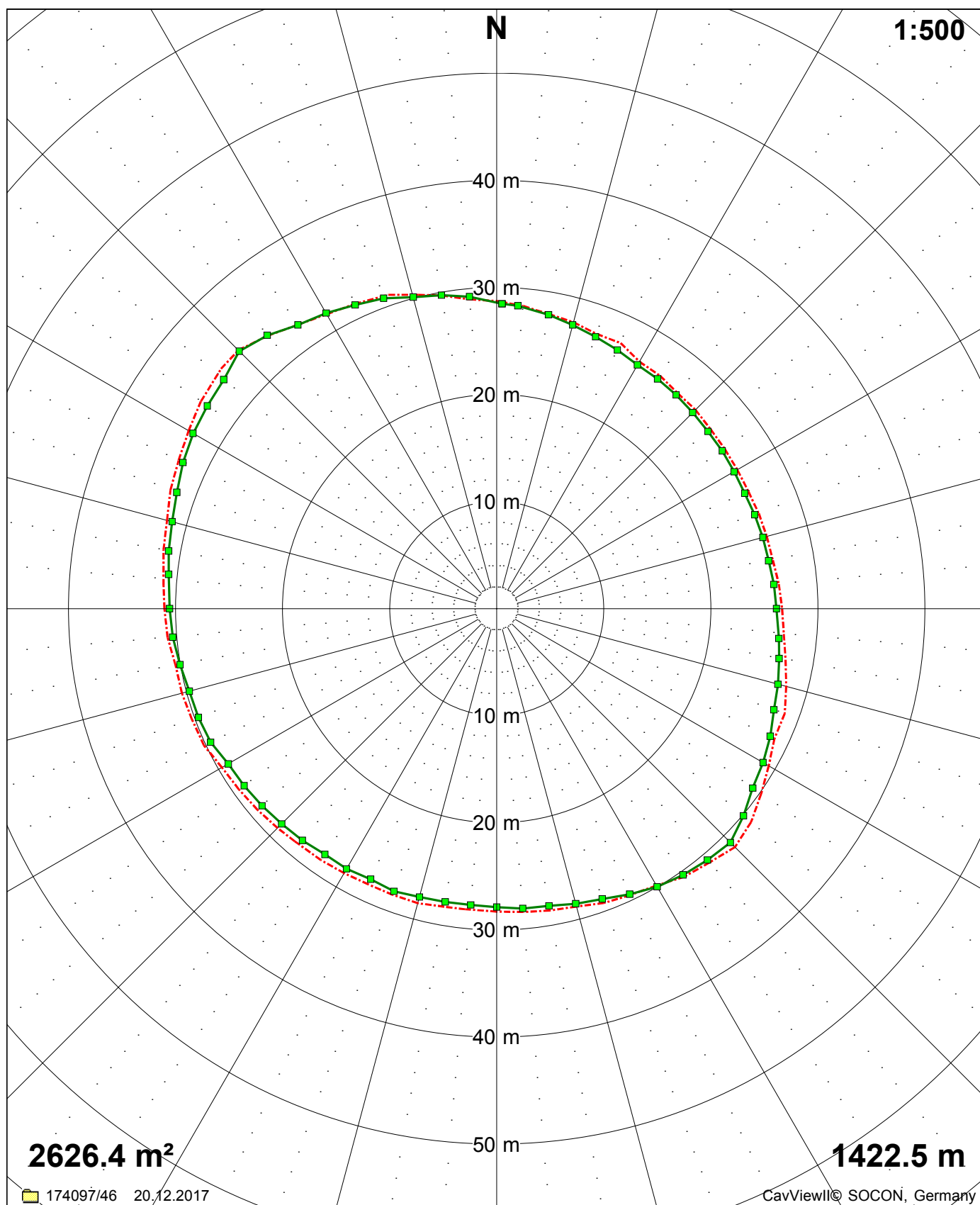
--- (19.05.2014) (2692.9 m²)

—■— (20.12.2017) (2618.3 m²)

d_{max}: 64.9 m 135° <--> 315° r_{min}: 25.6 m -> 61° r~: 28.9 m r_{max}: 33.8 m -> 315°

Heiligerlee K

20.12.2017



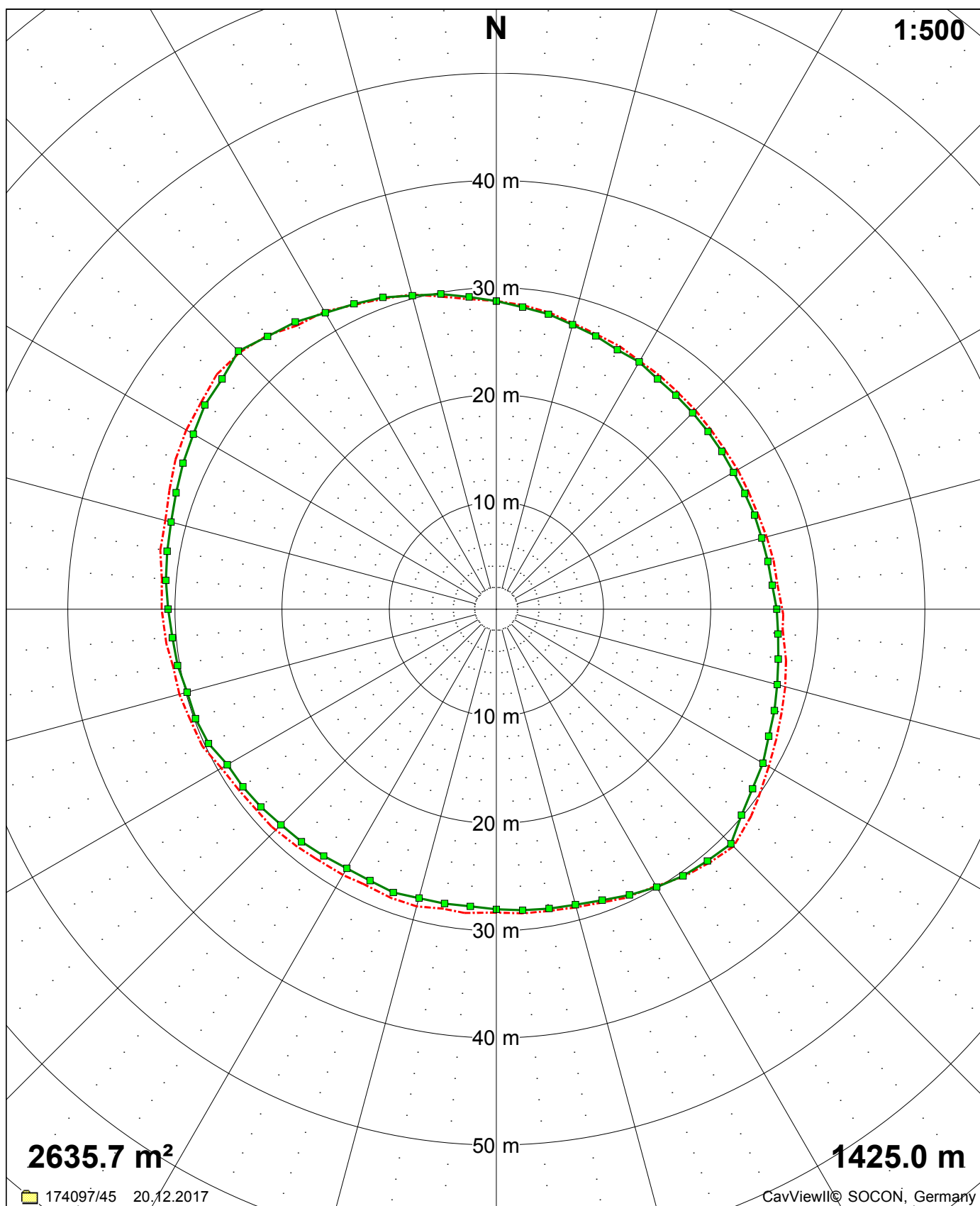
----- (19.05.2014) (2702.2 m²)

—■— (20.12.2017) (2626.4 m²)

d_{max}: 64.9 m 135° <--> 315° r_{min}: 25.5 m -> 63° r~: 28.9 m r_{max}: 34.0 m -> 315°

Heiligerlee K

20.12.2017



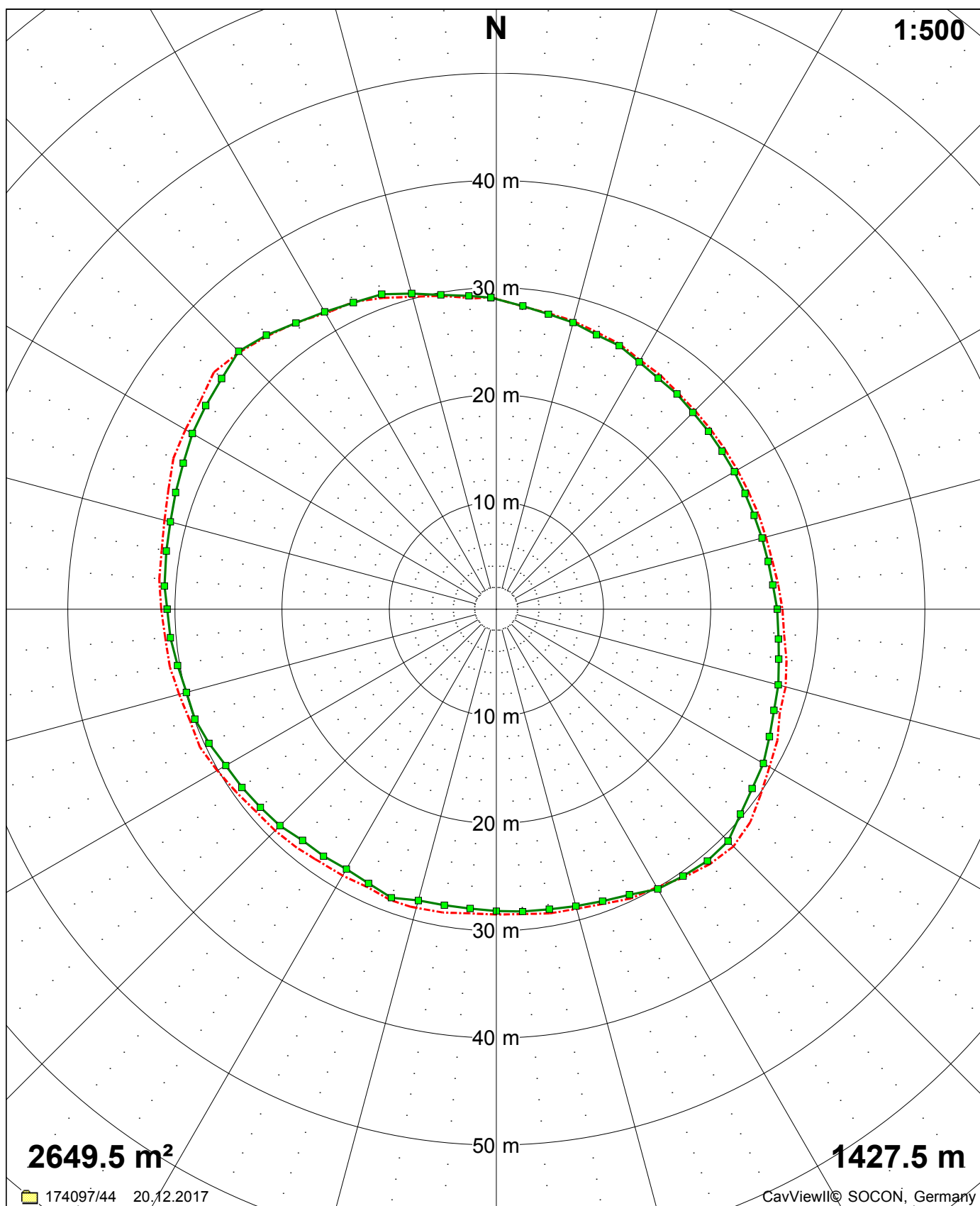
----- (19.05.2014) (2708.6 m²)

----- (20.12.2017) (2635.7 m²)

$d_{\max}$: 65.0 m 135° <--> 315° $r_{\min}$: 25.5 m -> 61° $r_{\sim}$: 29.0 m $r_{\max}$: 34.0 m -> 315°

Heiligerlee K

20.12.2017



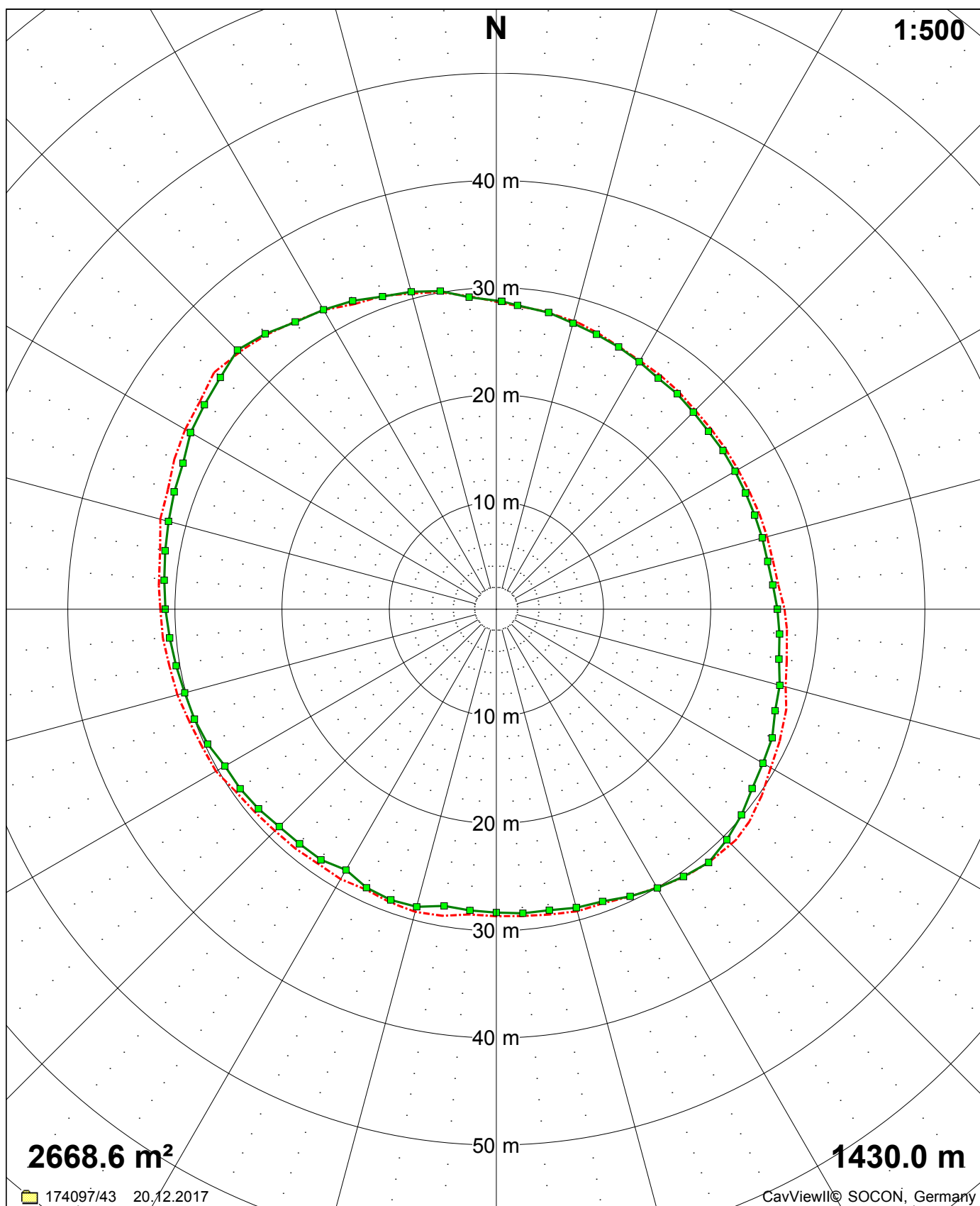
----- (19.05.2014) (2725.5 m²)

—■— (20.12.2017) (2649.5 m²)

d_{max}: 64.6 m 135° <--> 315° r_{min}: 25.6 m -> 67° r~: 29.0 m r_{max}: 34.0 m -> 315°

Heiligerlee K

20.12.2017



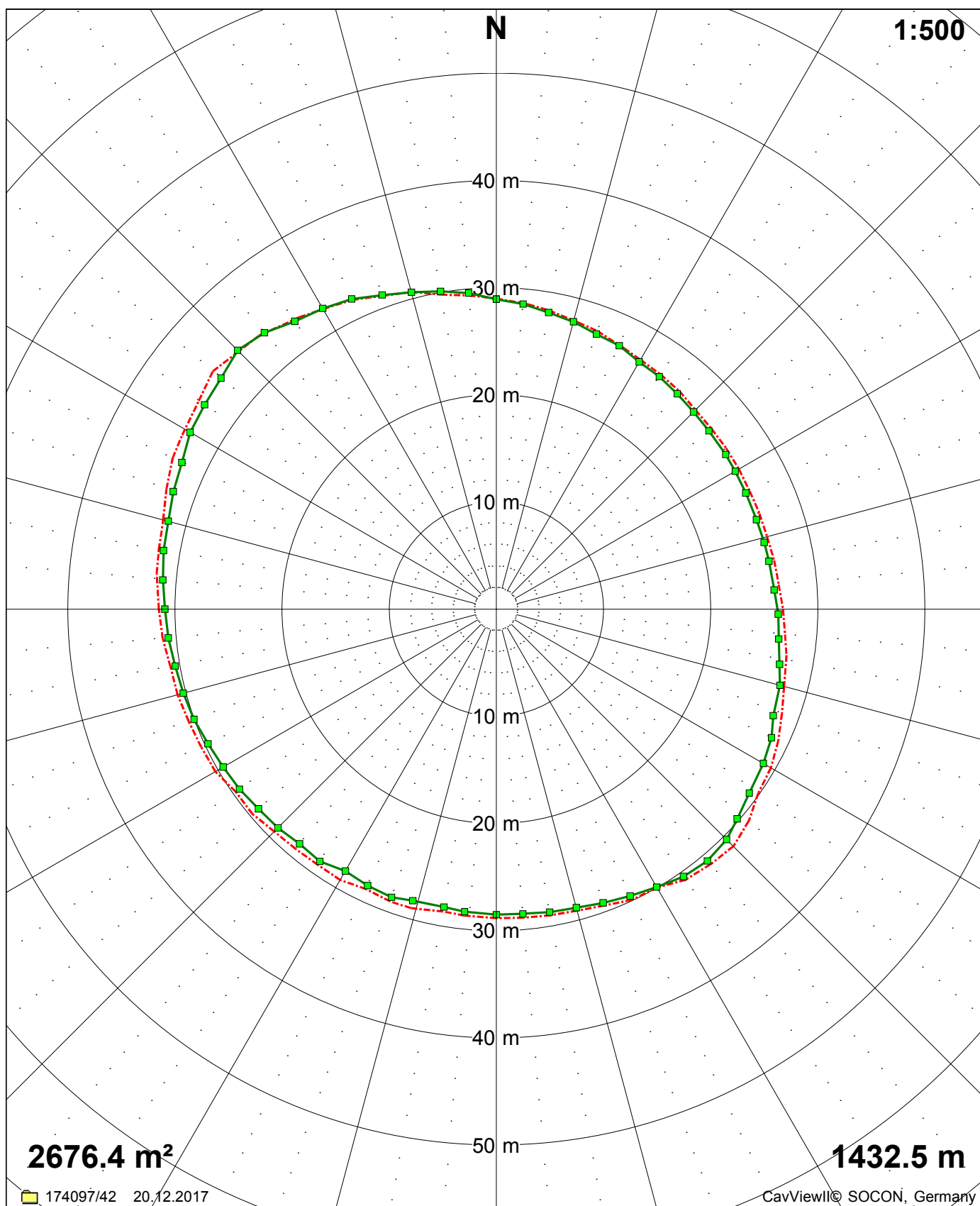
----- (19.05.2014) (2741.4 m²)

—■— (20.12.2017) (2668.6 m²)

d_{max}: 64.6 m 135° <--> 315° r_{min}: 25.6 m -> 67° r~: 29.1 m r_{max}: 34.2 m -> 315°

Heiligerlee K

20.12.2017



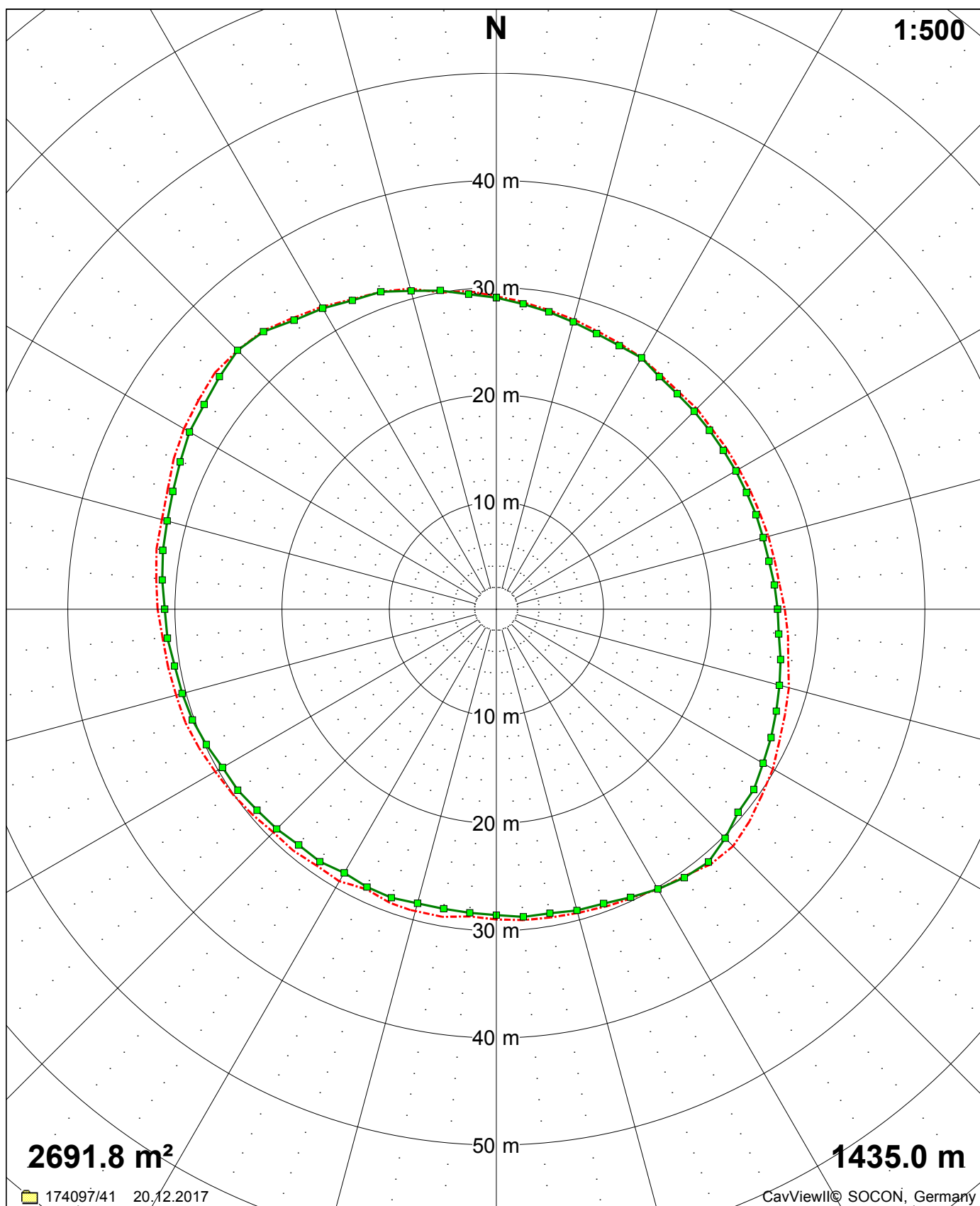
----- (19.05.2014) (2753.1 m²)

—■— (20.12.2017) (2676.4 m²)

d_{max}: 64.5 m 135° <--> 315° r_{min}: 25.6 m -> 67° r~: 29.2 m r_{max}: 34.2 m -> 315°

Heiligerlee K

20.12.2017



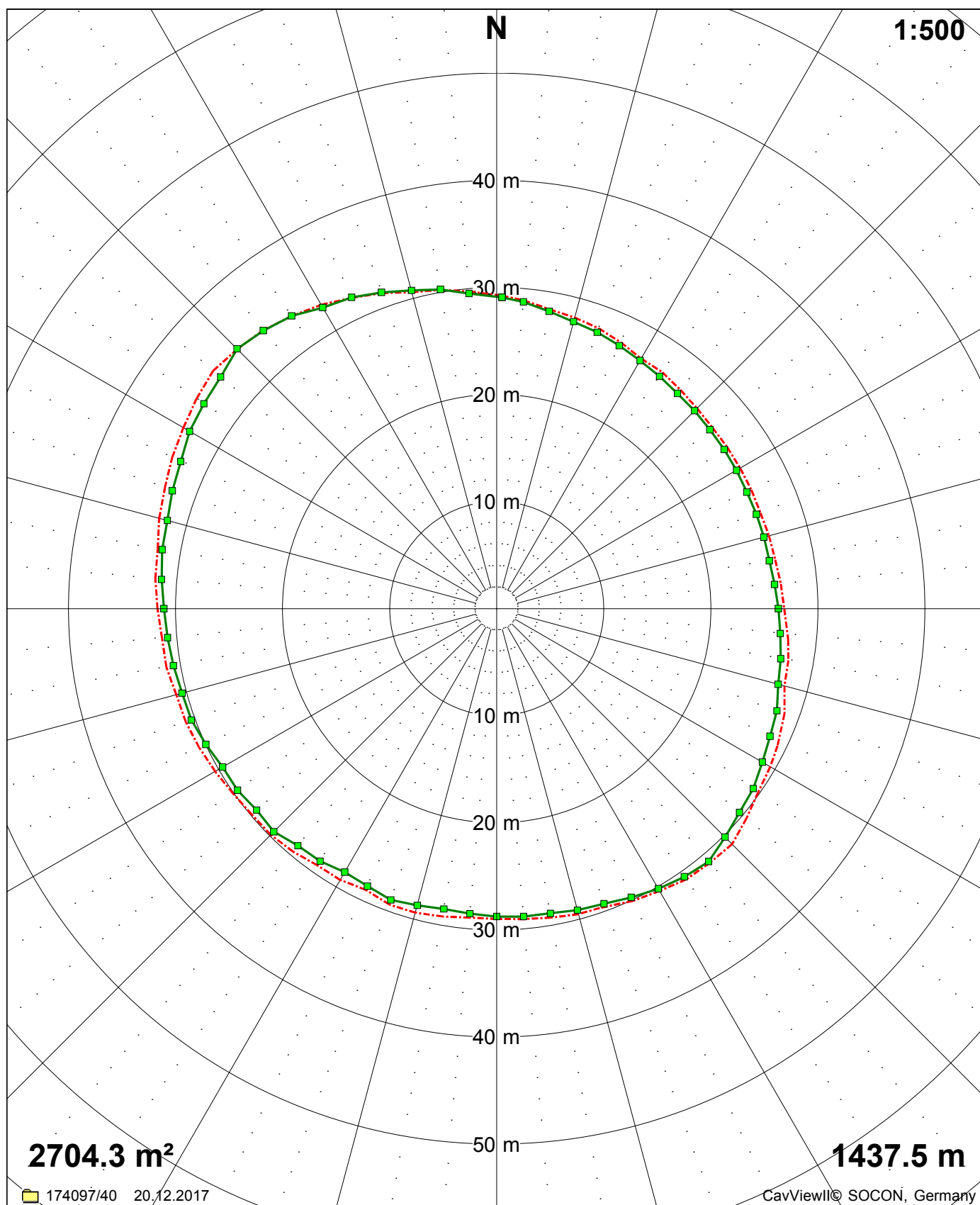
--- (19.05.2014) (2776.1 m²)

—■— (20.12.2017) (2691.8 m²)

d_{max}: 64.6 m 140° <--> 320° r_{min}: 25.7 m -> 66° r~: 29.3 m r_{max}: 34.2 m -> 315°

Heiligerlee K

20.12.2017



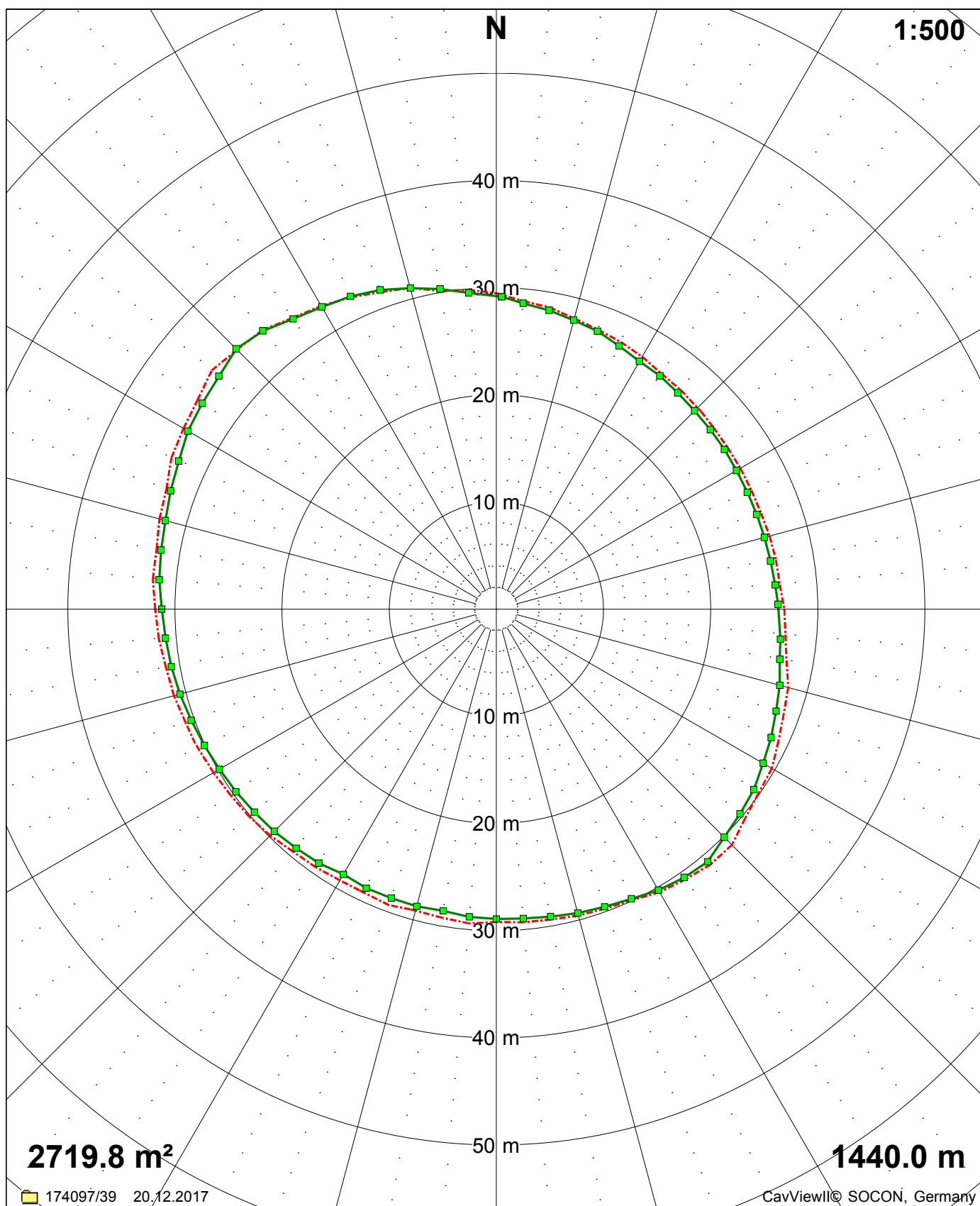
--- (19.05.2014) (2789.7 m²)

—■— (20.12.2017) (2704.3 m²)

$d_{\max}$: 64.7 m 140° <--> 320° $r_{\min}$: 25.8 m -> 66° $r_{\sim}$: 29.3 m $r_{\max}$: 34.3 m -> 315°

Heiligerlee K

20.12.2017



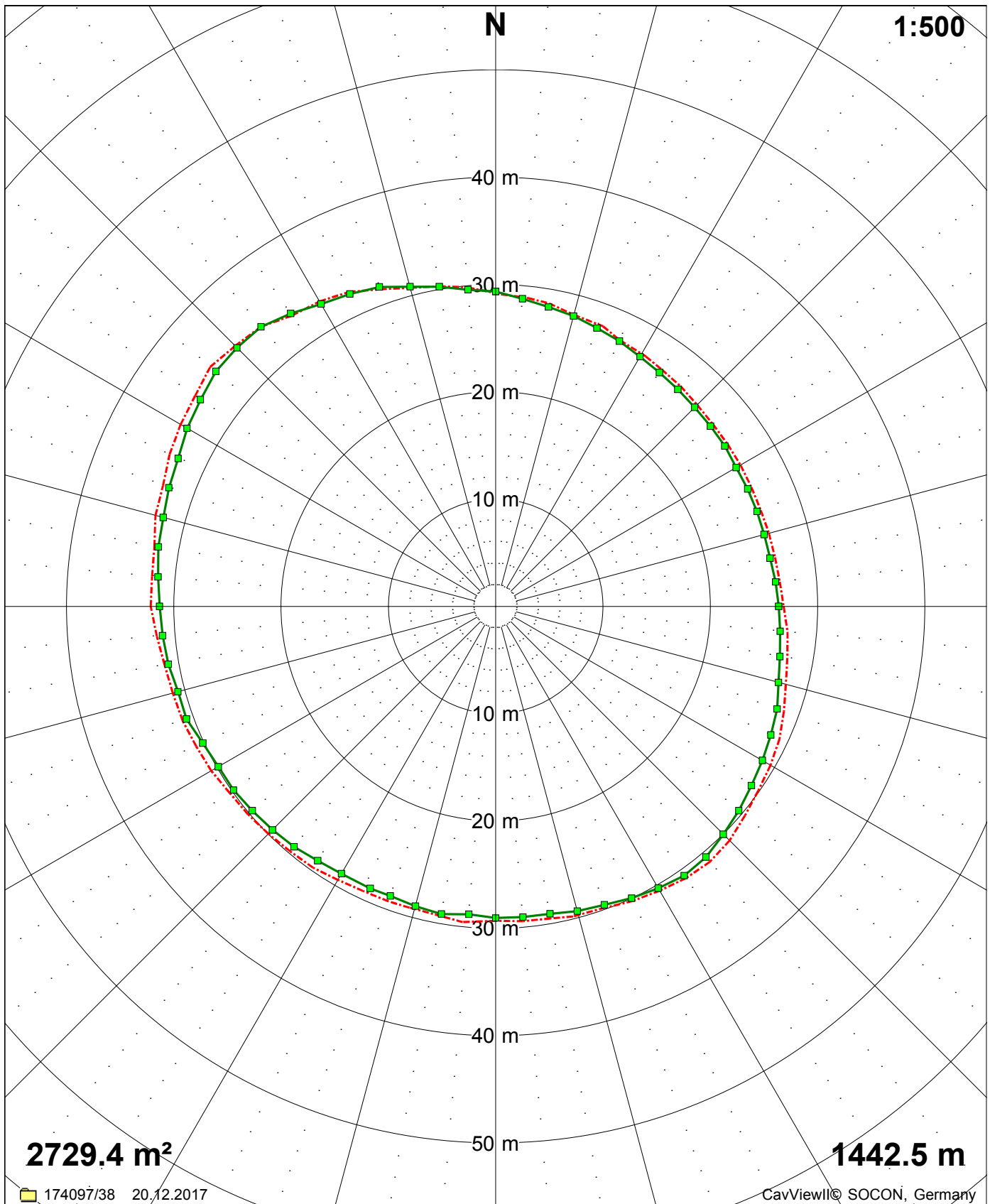
--- (19.05.2014) (2798.7 m²)

---■ (20.12.2017) (2719.8 m²)

d_{max}: 64.6 m 140° <--> 320° r_{min}: 25.8 m -> 66° r~: 29.4 m r_{max}: 34.4 m -> 315°

Heiligerlee K

20.12.2017



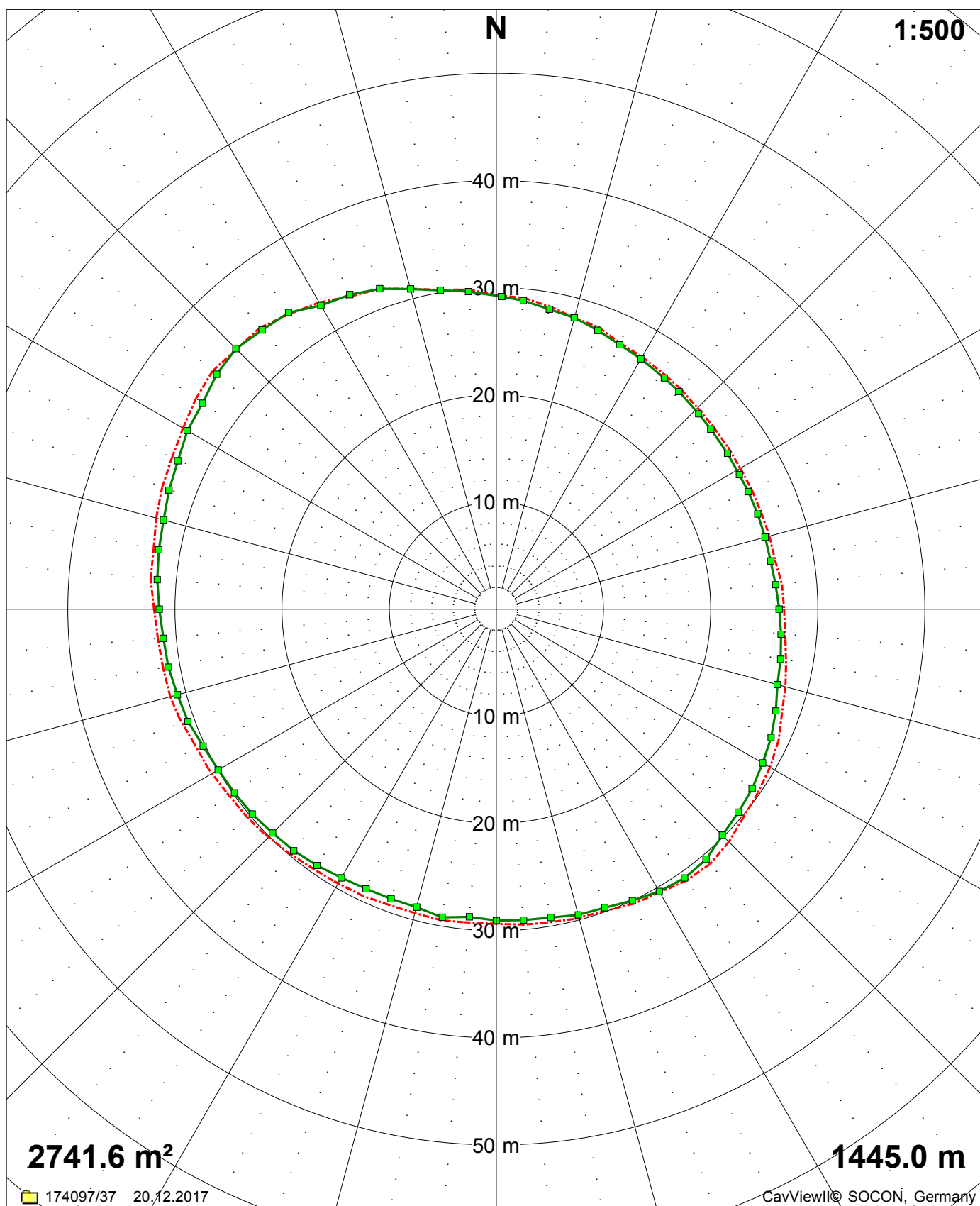
----- (19.05.2014) (2810.7 m²)

—■— (20.12.2017) (2729.4 m²)

d_{max}: 64.5 m 140° <--> 320° r_{min}: 25.9 m -> 61° r~: 29.5 m r_{max}: 34.1 m -> 315°

Heiligerlee K

20.12.2017



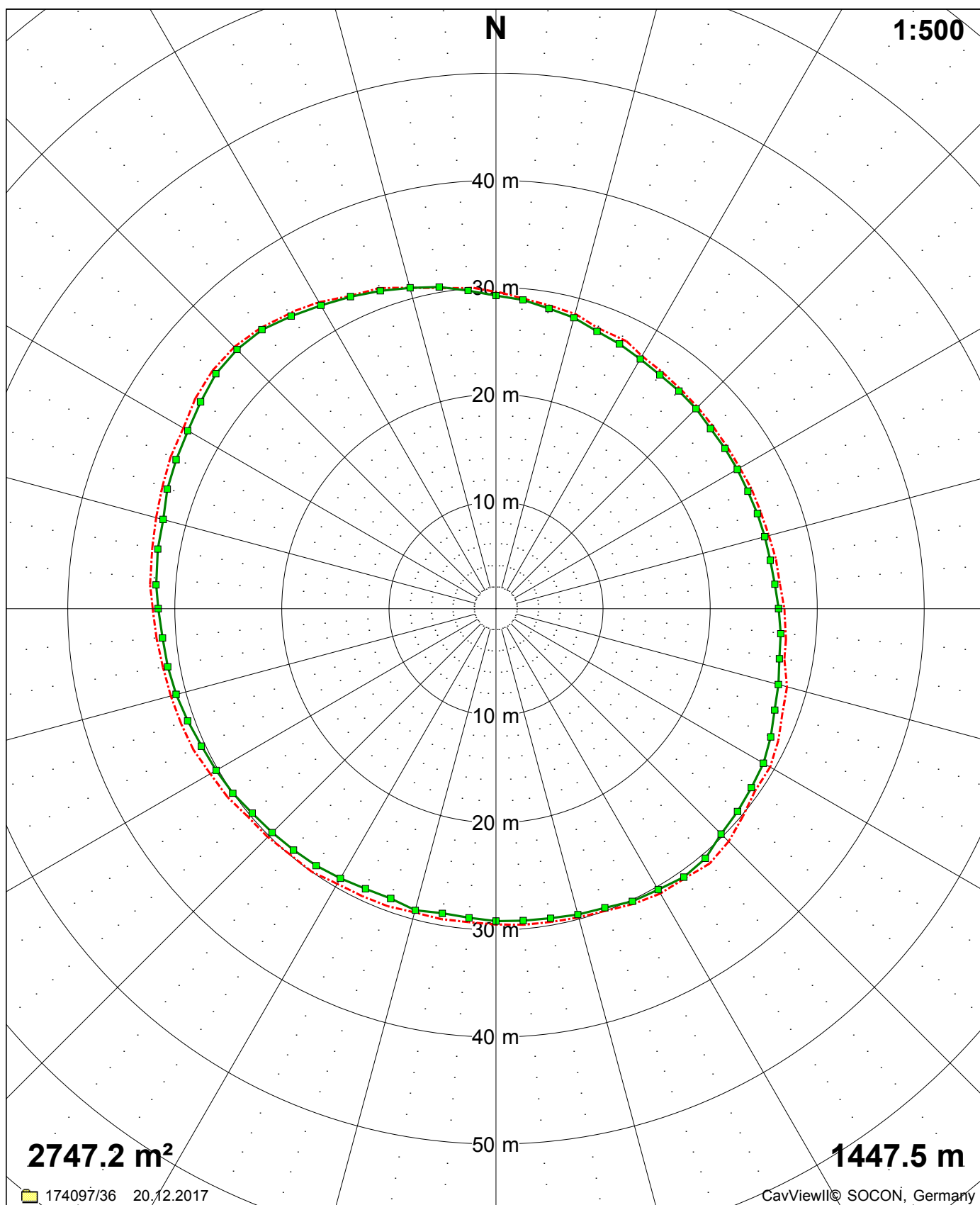
----- (19.05.2014) (2819.4 m²)

—■— (20.12.2017) (2741.6 m²)

d_{max}: 64.4 m 140° <--> 320° r_{min}: 25.9 m -> 62° r~: 29.5 m r_{max}: 34.4 m -> 315°

Heiligerlee K

20.12.2017



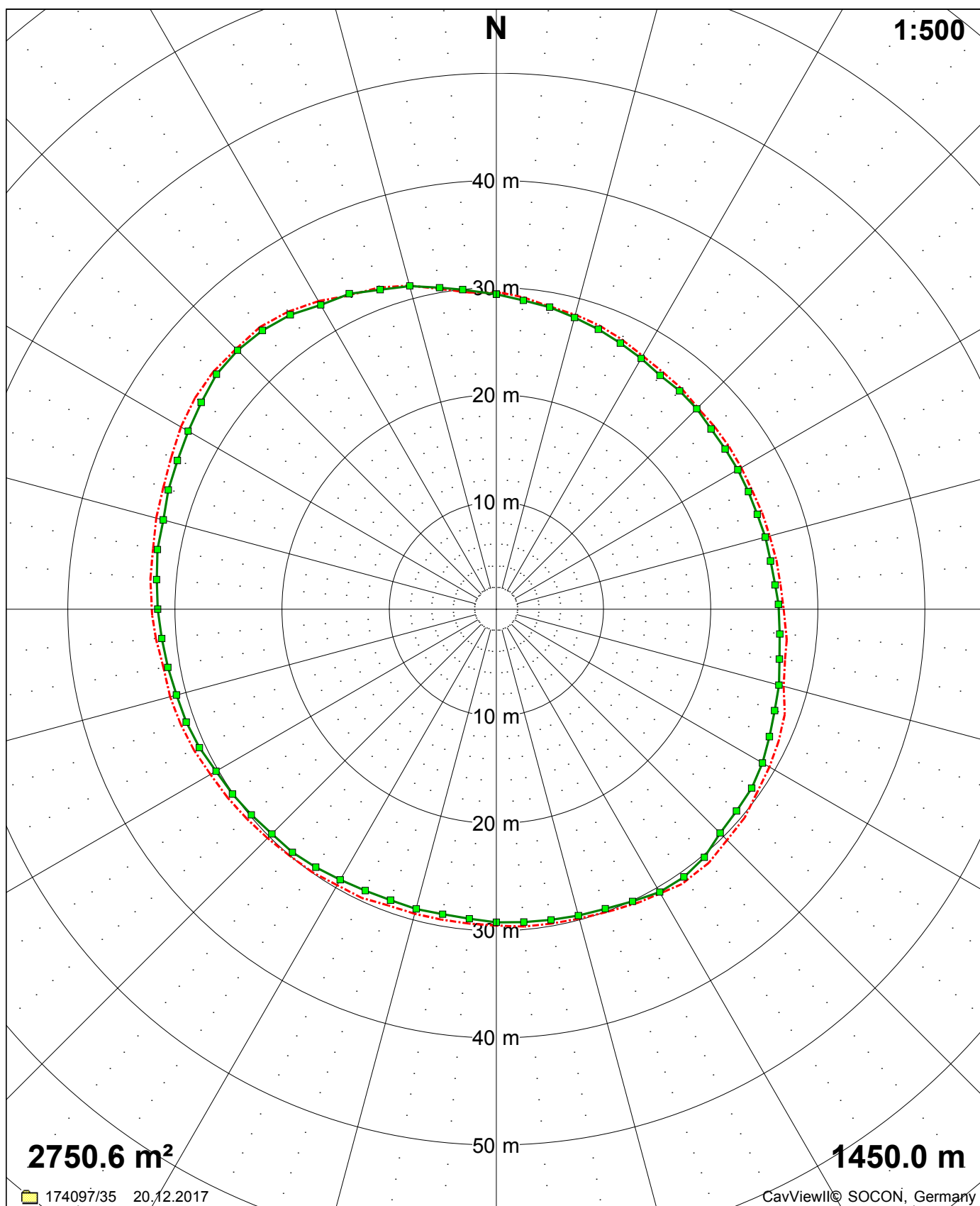
--- (19.05.2014) (2832.0 m²)

—■— (20.12.2017) (2747.2 m²)

d_{max}: 64.4 m 140° <--> 320° r_{min}: 25.9 m -> 66° r~: 29.6 m r_{max}: 34.2 m -> 315°

Heiligerlee K

20.12.2017



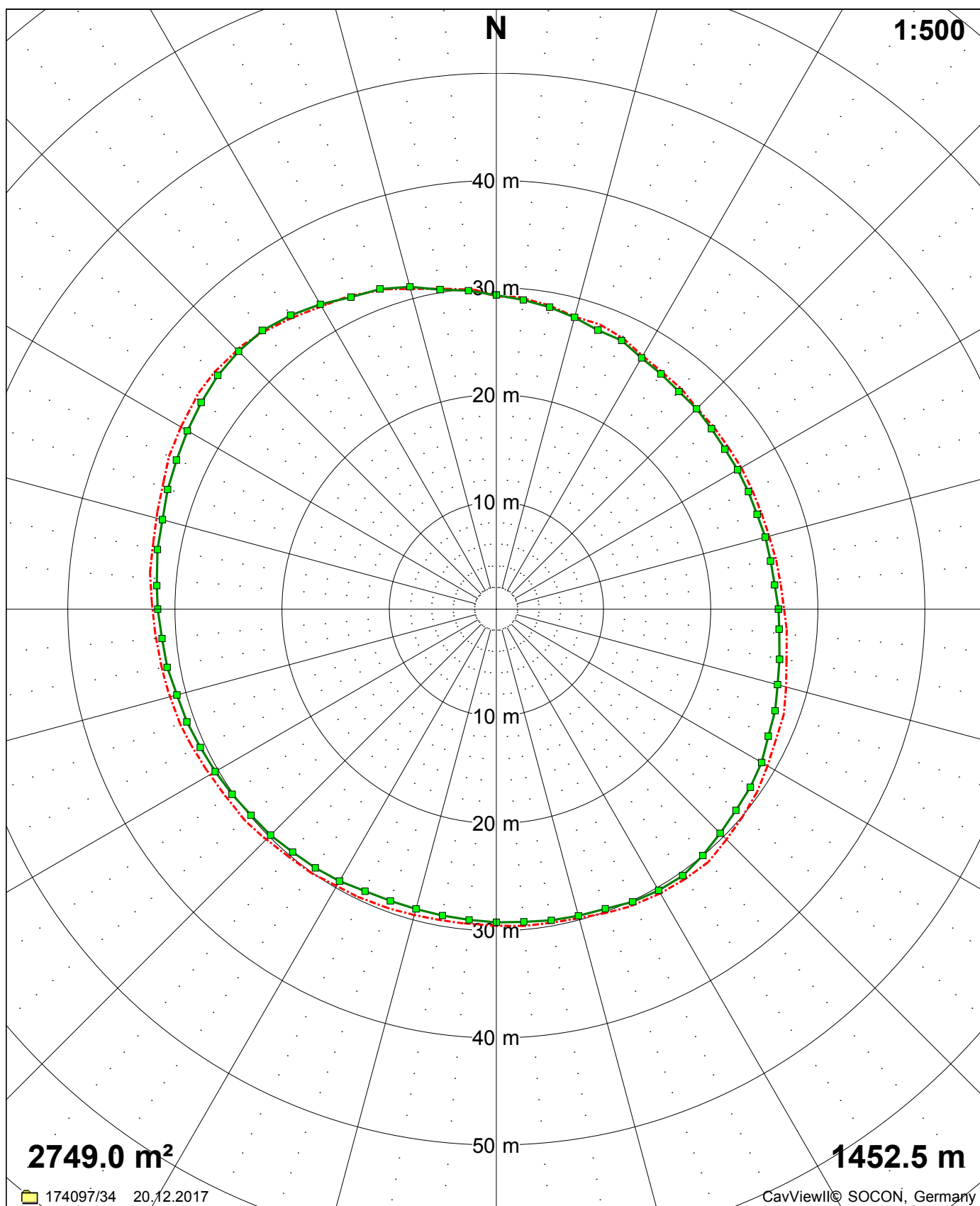
--- (19.05.2014) (2835.0 m²)

—■— (20.12.2017) (2750.6 m²)

d_{max}: 64.1 m 140° <--> 320° r_{min}: 25.9 m -> 67° r~: 29.6 m r_{max}: 34.2 m -> 315°

Heiligerlee K

20.12.2017



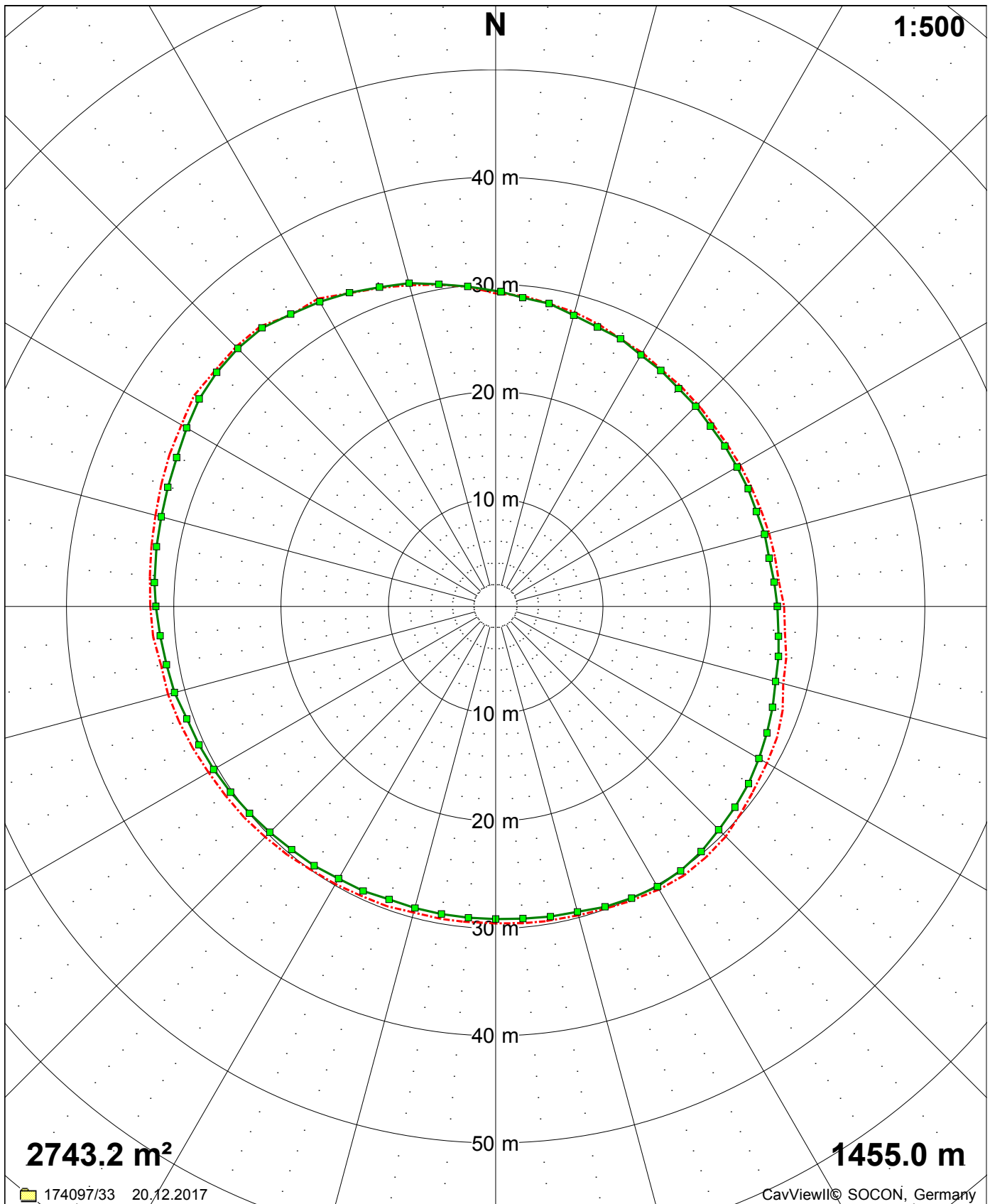
--- (19.05.2014) (2829.7 m²)

--- (20.12.2017) (2749.0 m²)

d_{max}: 63.9 m 140° <--> 320° r_{min}: 25.9 m -> 68° r~: 29.6 m r_{max}: 34.0 m -> 315°

Heiligerlee K

20.12.2017



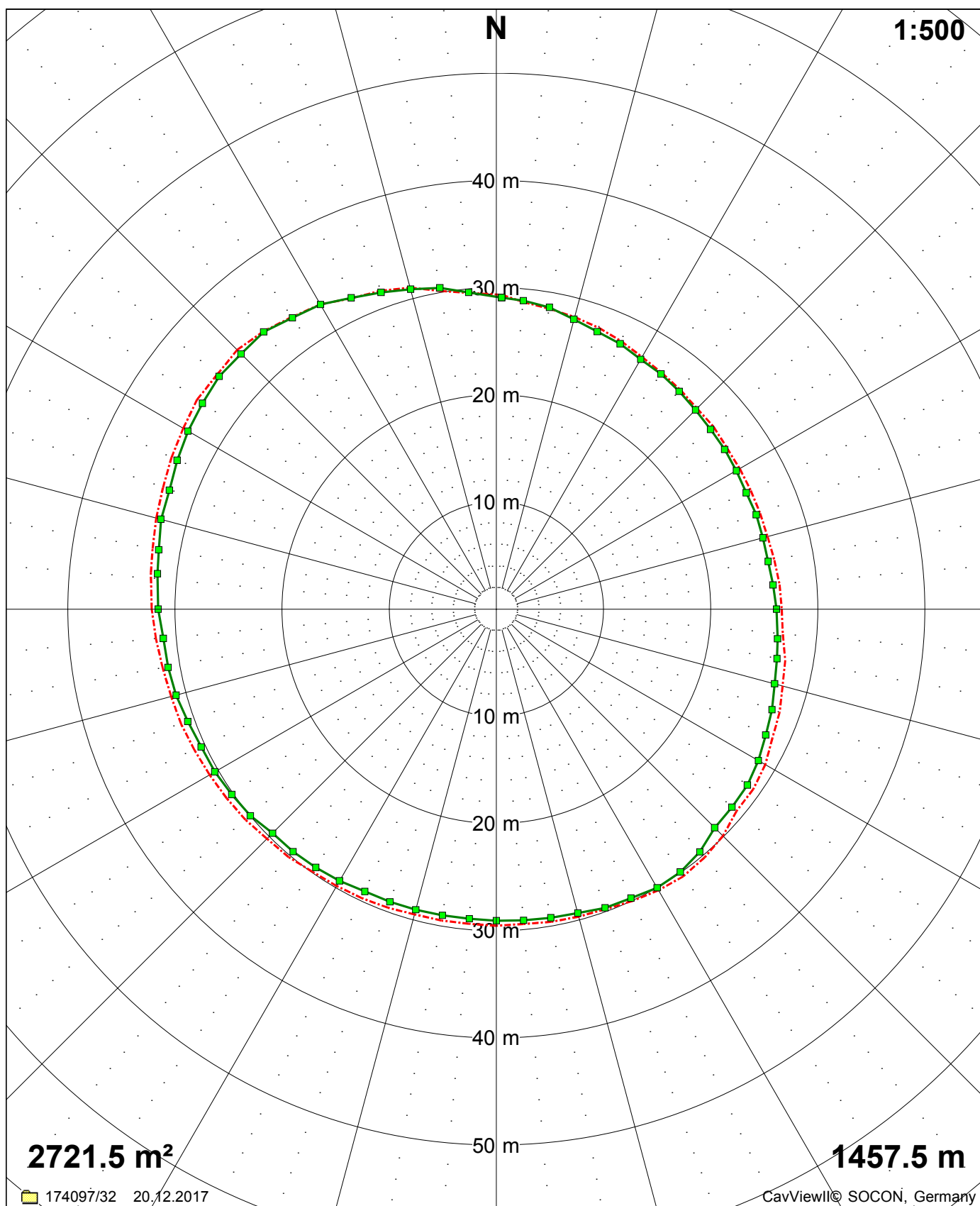
--- (19.05.2014) (2823.0 m²)

—■— (20.12.2017) (2743.2 m²)

d_{max}: 63.7 m 140° <--> 320° r_{min}: 25.8 m -> 69° r~: 29.5 m r_{max}: 34.0 m -> 315°

Heiligerlee K

20.12.2017



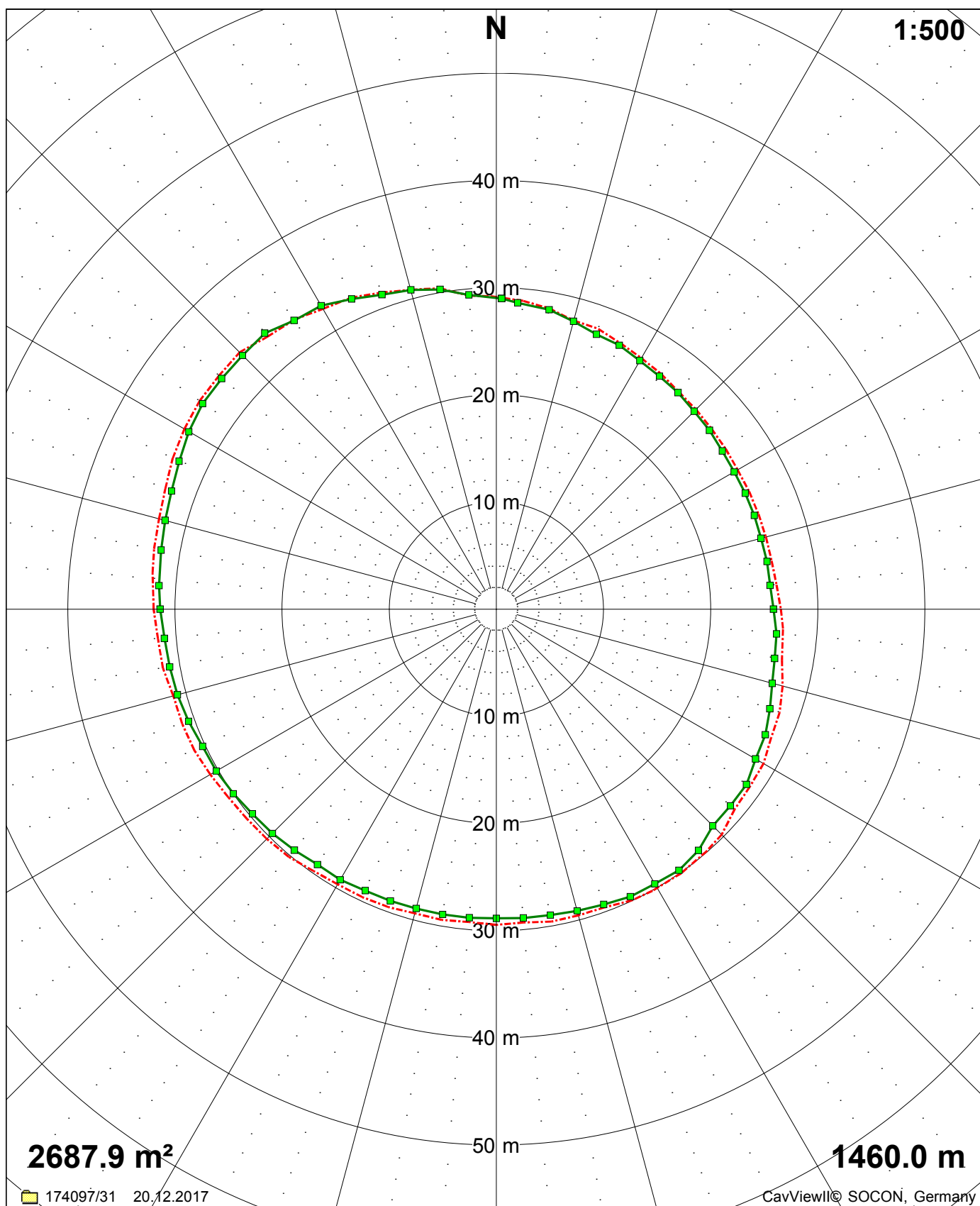
--- (19.05.2014) (2801.6 m²)

--- (20.12.2017) (2721.5 m²)

d_{max}: 63.3 m 140° <--> 320° r_{min}: 25.7 m -> 77° r~: 29.4 m r_{max}: 33.8 m -> 310°

Heiligerlee K

20.12.2017



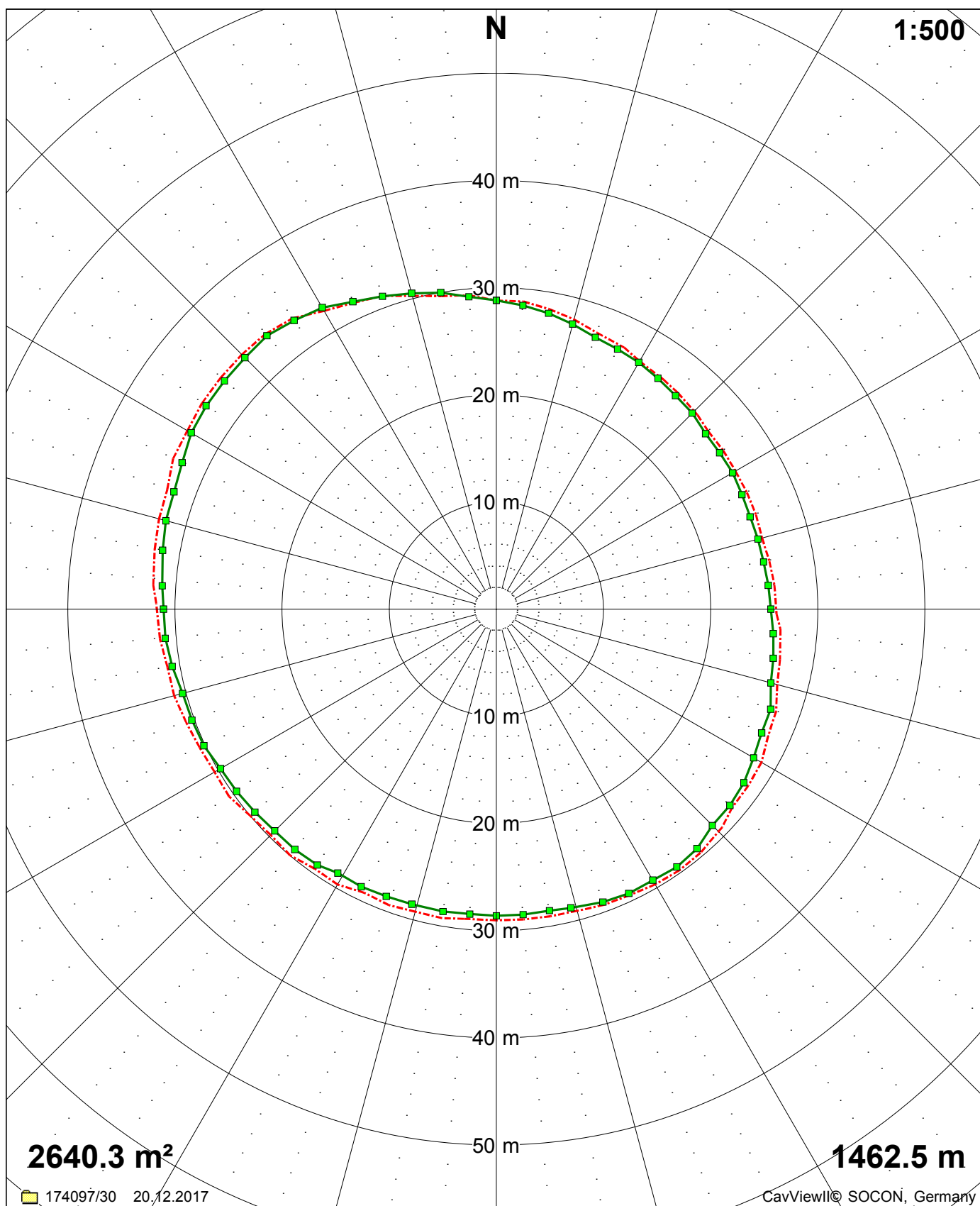
--- (19.05.2014) (2771.3 m²)

--- (20.12.2017) (2687.9 m²)

d_{max}: 63.0 m 140° <--> 320° r_{min}: 25.6 m -> 73° r~: 29.3 m r_{max}: 33.6 m -> 320°

Heiligerlee K

20.12.2017



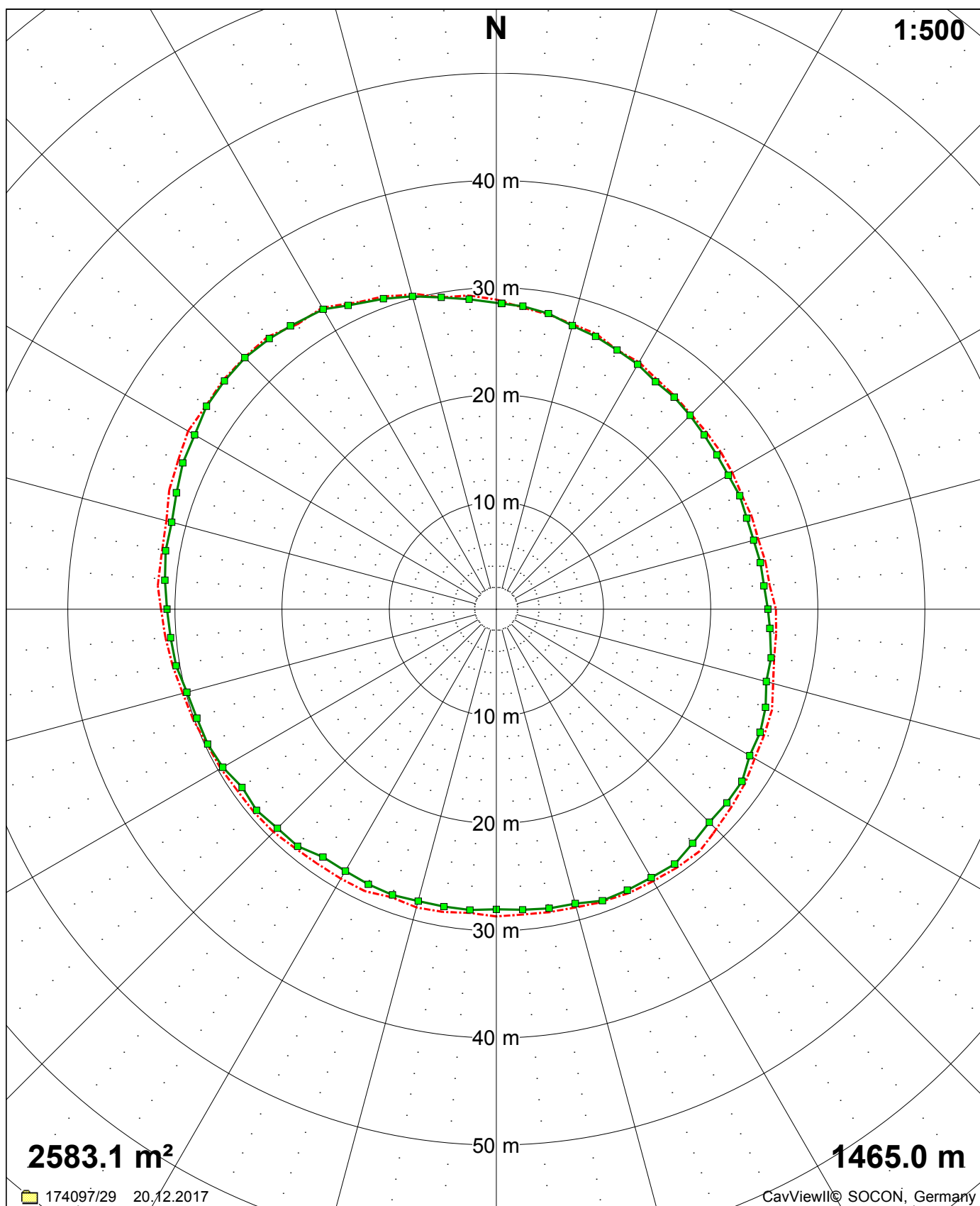
----- (19.05.2014) (2723.1 m²)

—■— (20.12.2017) (2640.3 m²)

d_{max}: 62.4 m 140° <--> 320° r_{min}: 25.2 m -> 68° r~: 29.0 m r_{max}: 33.3 m -> 320°

Heiligerlee K

20.12.2017



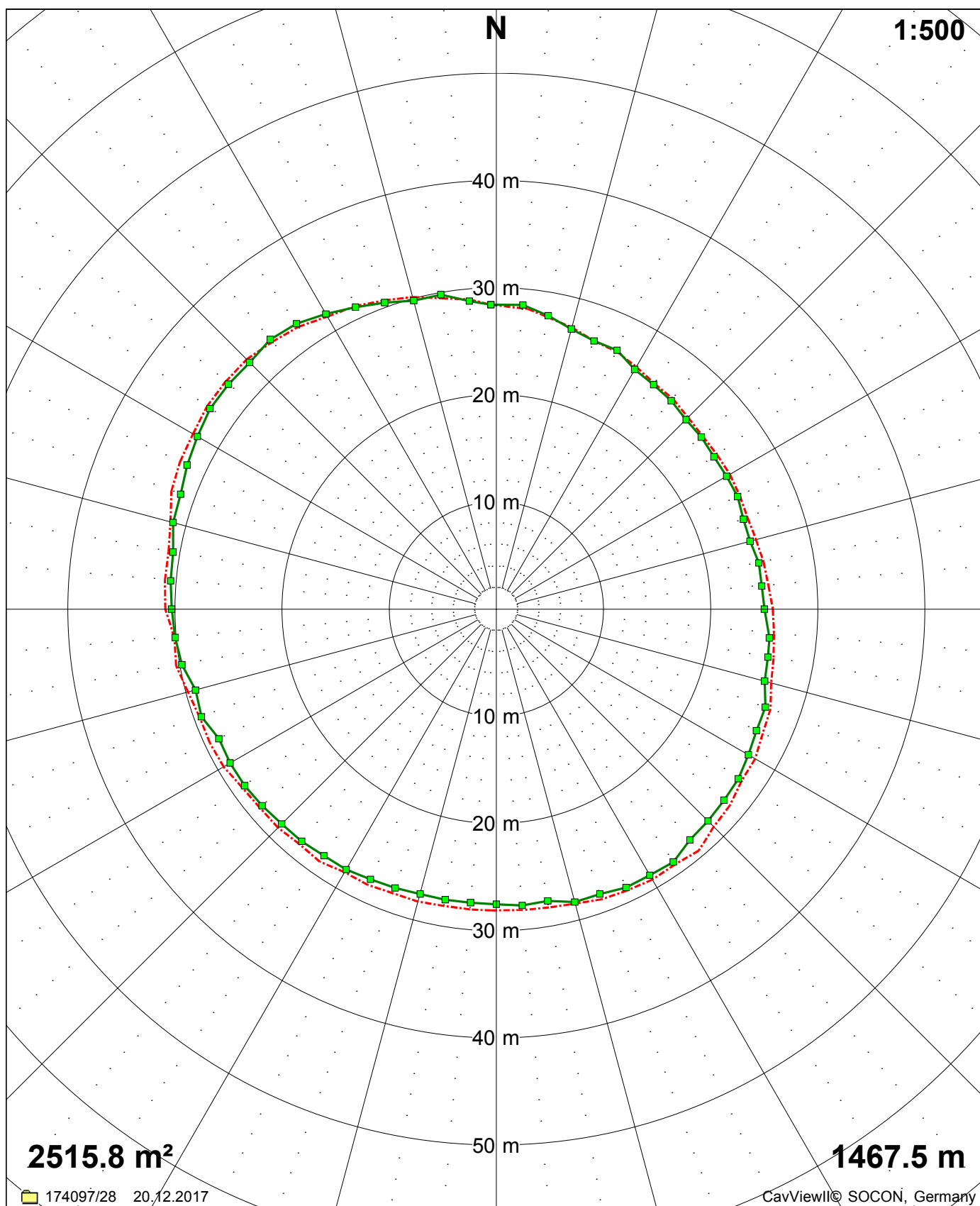
----- (19.05.2014) (2651.2 m²)

----- (20.12.2017) (2583.1 m²)

d_{max}: 61.6 m 145° <--> 325° r_{min}: 24.8 m -> 72° r~: 28.7 m r_{max}: 33.2 m -> 315°

Heiligerlee K

20.12.2017



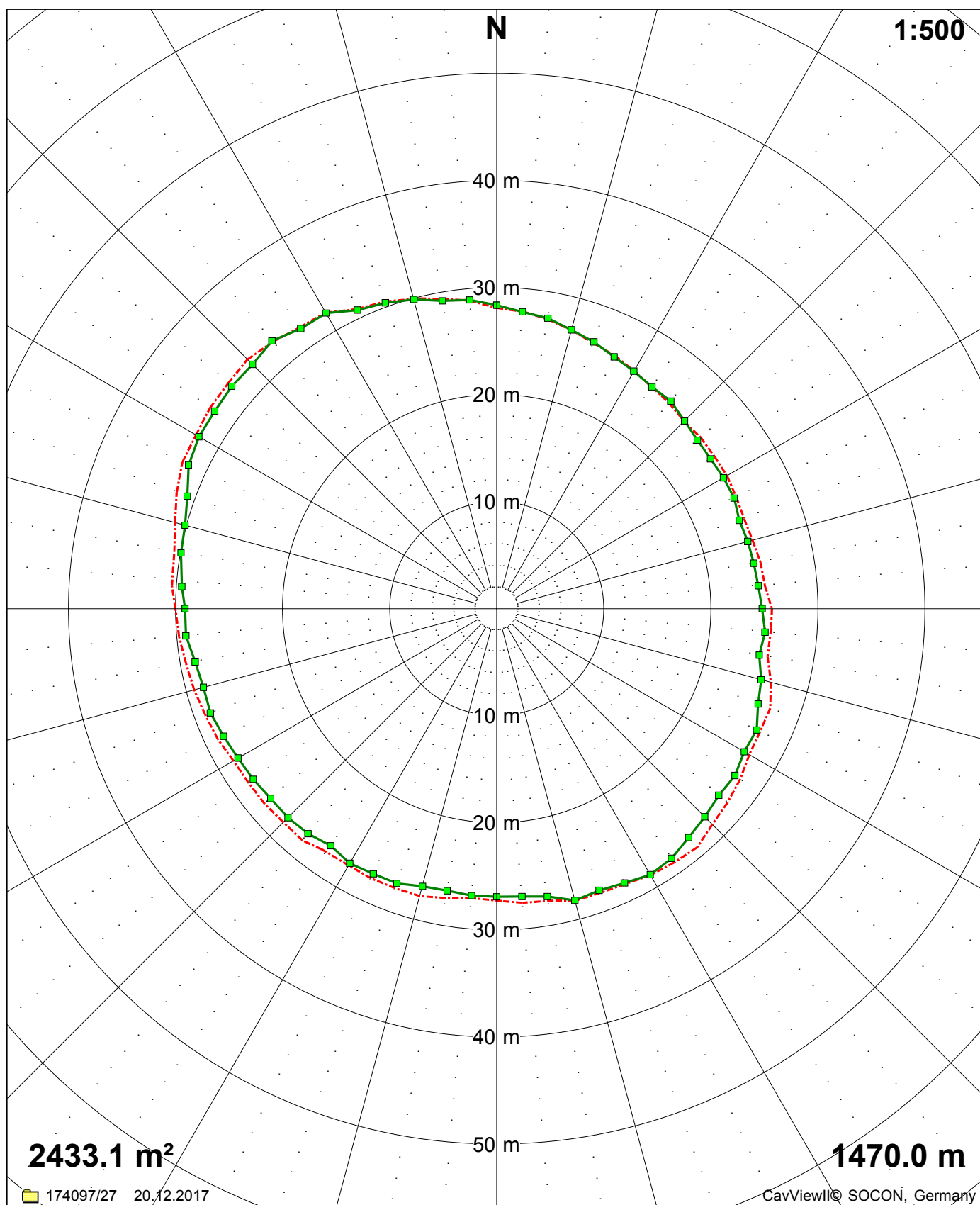
----- (19.05.2014) (2584.0 m²)

—■— (20.12.2017) (2515.8 m²)

$d_{\max}$: 61.3 m 145° <--> 325° $r_{\min}$: 24.5 m -> 72° $r_{\sim}$: 28.3 m $r_{\max}$: 32.8 m -> 320°

Heiligerlee K

20.12.2017



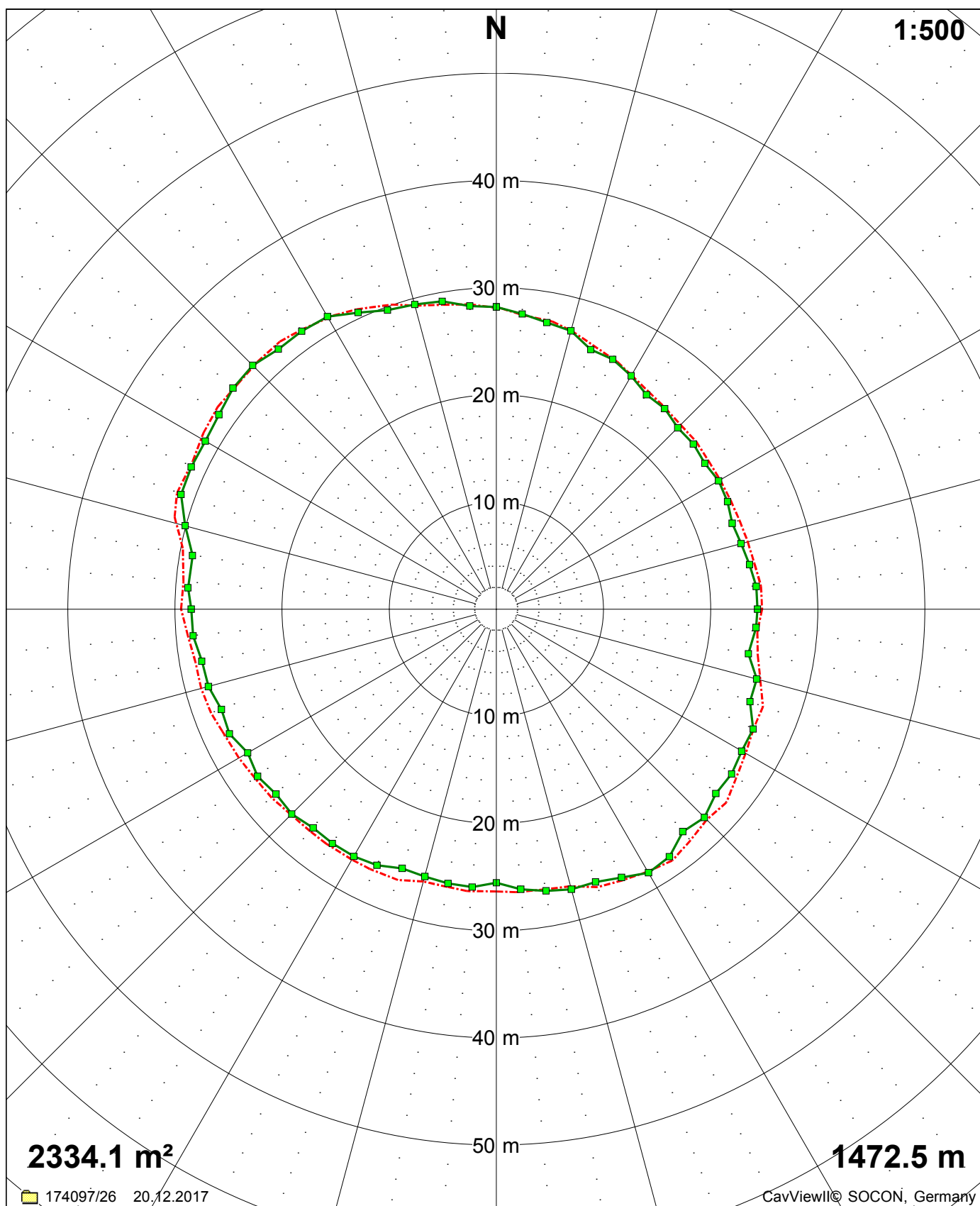
----- (19.05.2014) (2512.8 m²)

----- (20.12.2017) (2433.1 m²)

$d_{\max}$: 60.5 m 150° <--> 330° $r_{\min}$: 24.1 m -> 70° $r_{\sim}$: 27.8 m $r_{\max}$: 32.6 m -> 320°

Heiligerlee K

20.12.2017



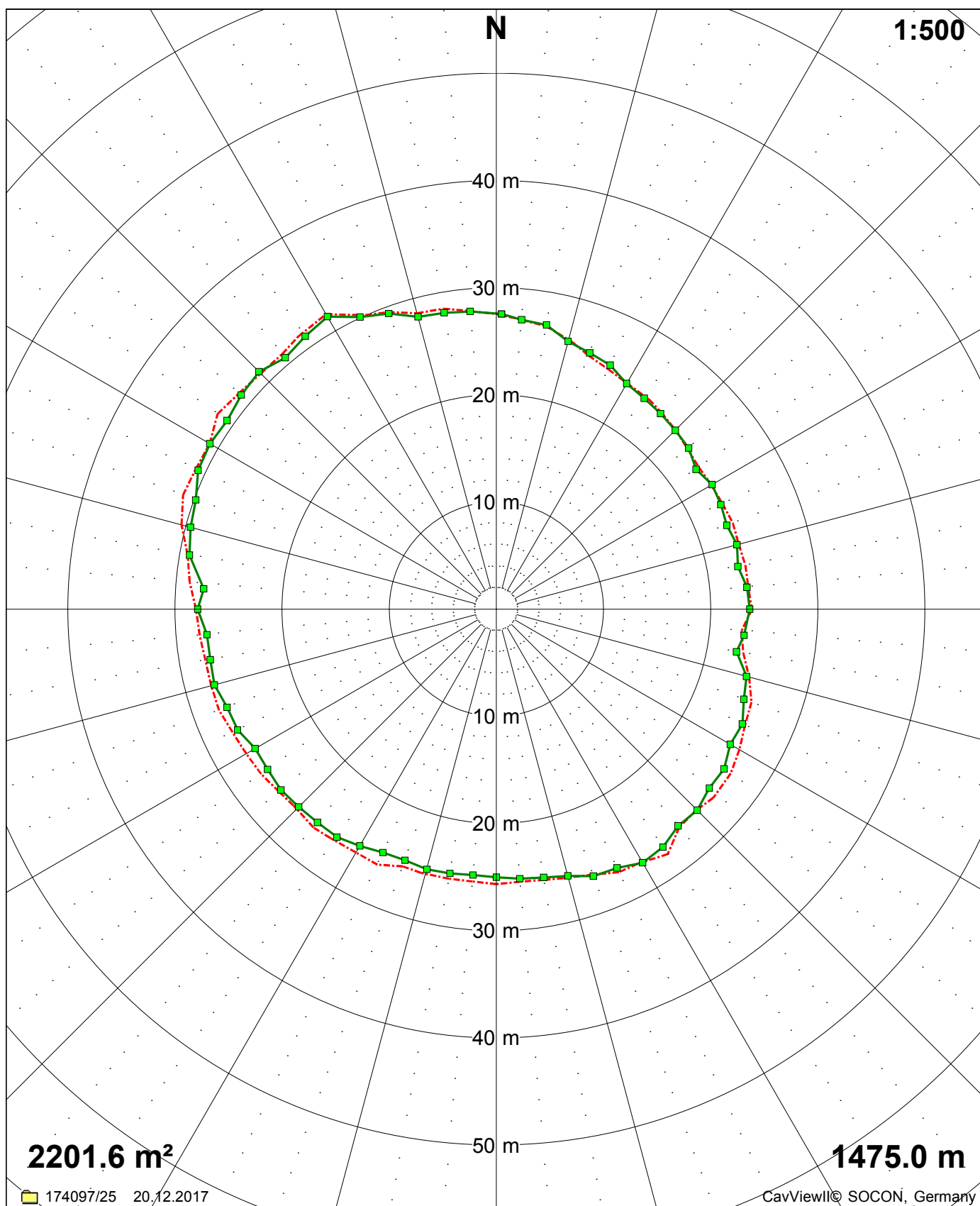
----- (19.05.2014) (2401.6 m²)

—■— (20.12.2017) (2334.1 m²)

$d_{\max}$: 59.9 m 150° <--> 330° $r_{\min}$: 23.4 m -> 70° $r_{\sim}$: 27.3 m $r_{\max}$: 32.2 m -> 315°

Heiligerlee K

20.12.2017



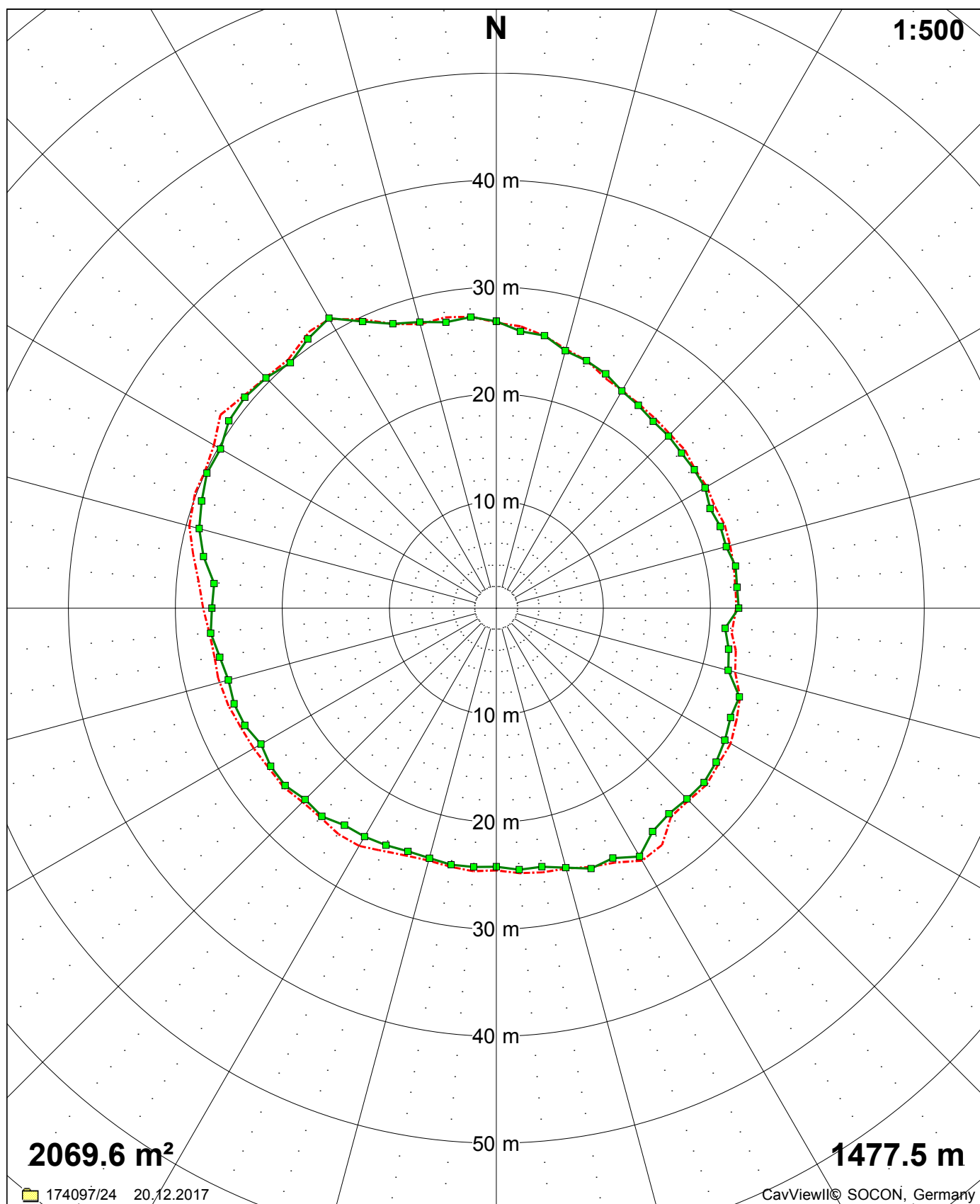
----- (19.05.2014) (2262.4 m²)

—■— (20.12.2017) (2201.6 m²)

$d_{\max}$: 58.8 m 150° <--> 330° $r_{\min}$: 22.8 m -> 55° $r_{\sim}$: 26.5 m $r_{\max}$: 31.5 m -> 330°

Heiligerlee K

20.12.2017



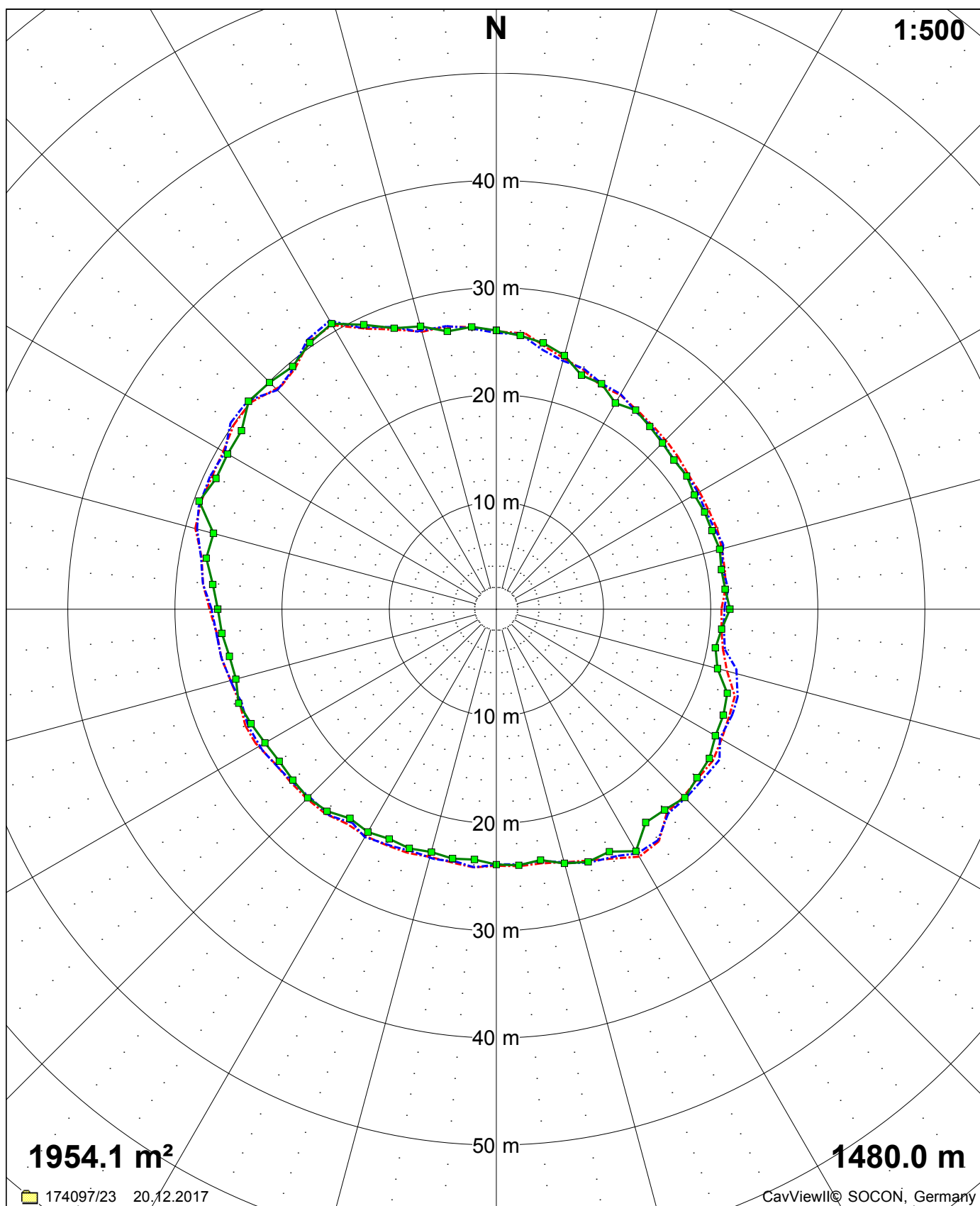
----- (19.05.2014) (2130.3 m²)

----- (20.12.2017) (2069.6 m²)

d_{max}: 58.1 m 150° <--> 330° r_{min}: 21.5 m -> 95° r~: 25.7 m r_{max}: 31.3 m -> 330°

Heiligerlee K

20.12.2017

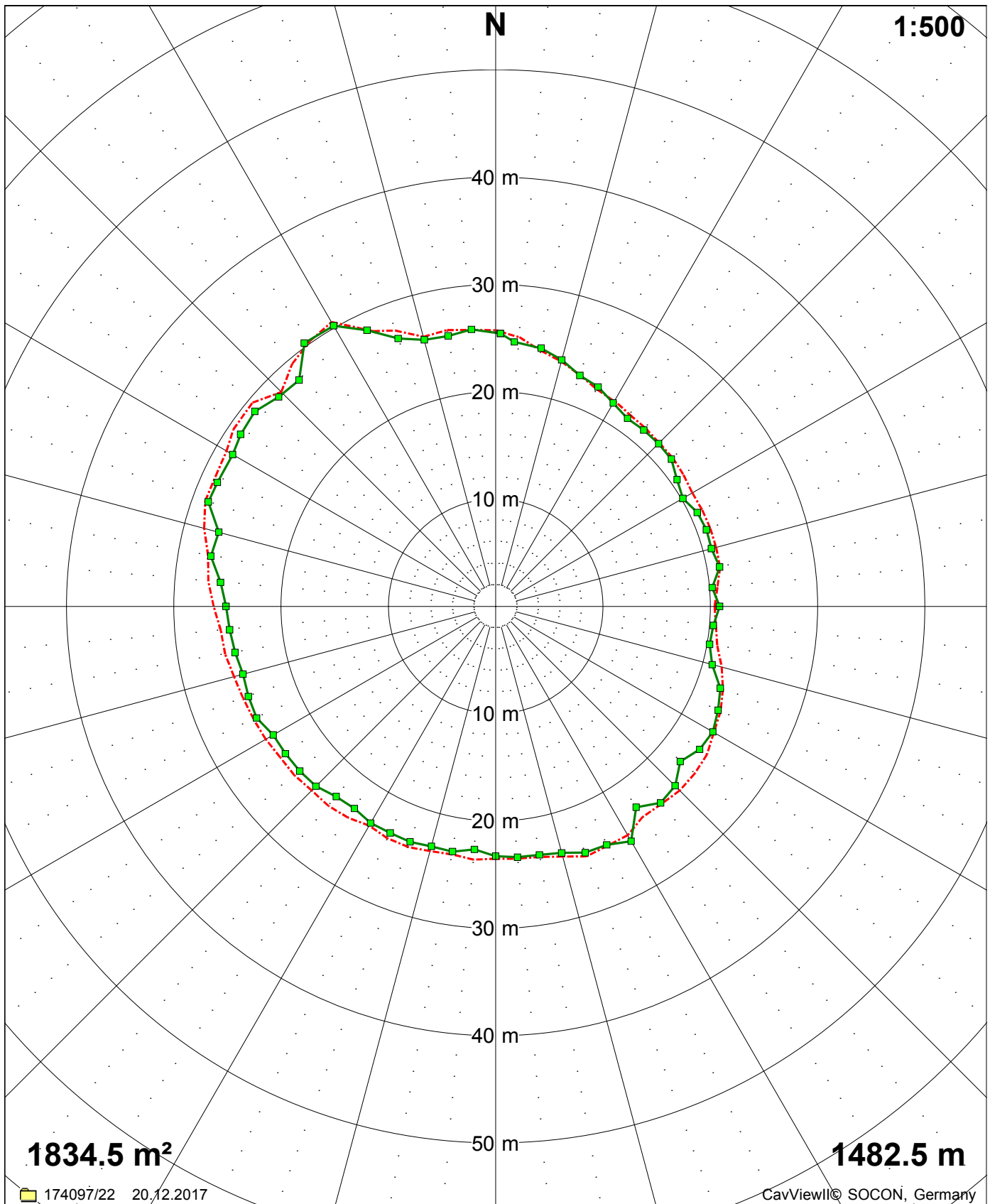


- - - (19.05.2014) (2002.9 m²)
 -■- (20.12.2017) (1954.1 m²)
 - - - (10.06.2016) (2004.1 m²)

d_{max}: 56.8 m 150° <--> 330°
 r_{min}: 20.8 m -> 100°
 r~: 24.9 m
 r_{max}: 30.8 m -> 330°

Heiligerlee K

20.12.2017



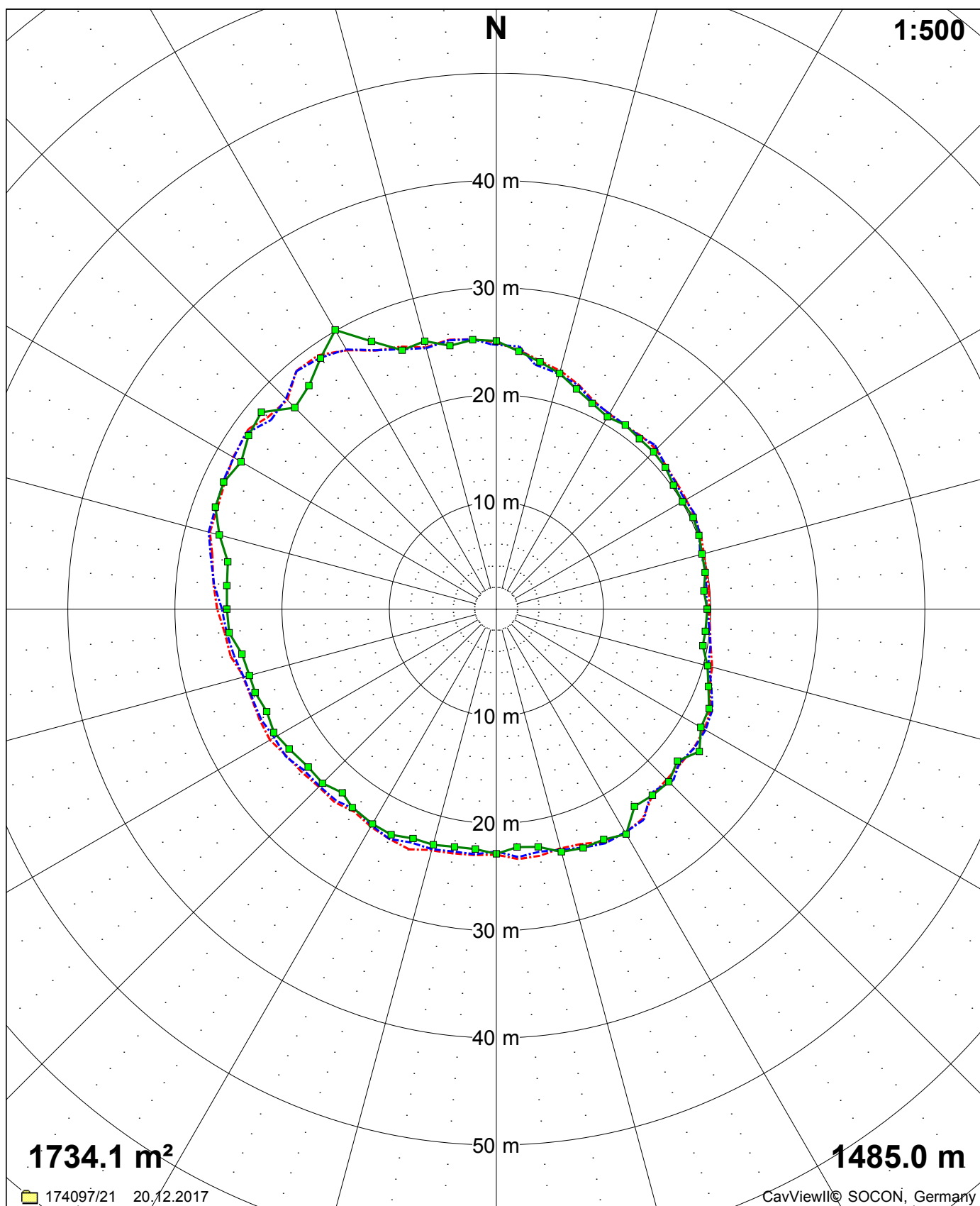
----- (19.05.2014) (1906.5 m²)

----- (20.12.2017) (1834.5 m²)

d_{max}: 55.4 m 150° <--> 330° r_{min}: 20.1 m -> 60° r~: 24.2 m r_{max}: 30.3 m -> 324°

Heiligerlee K

20.12.2017

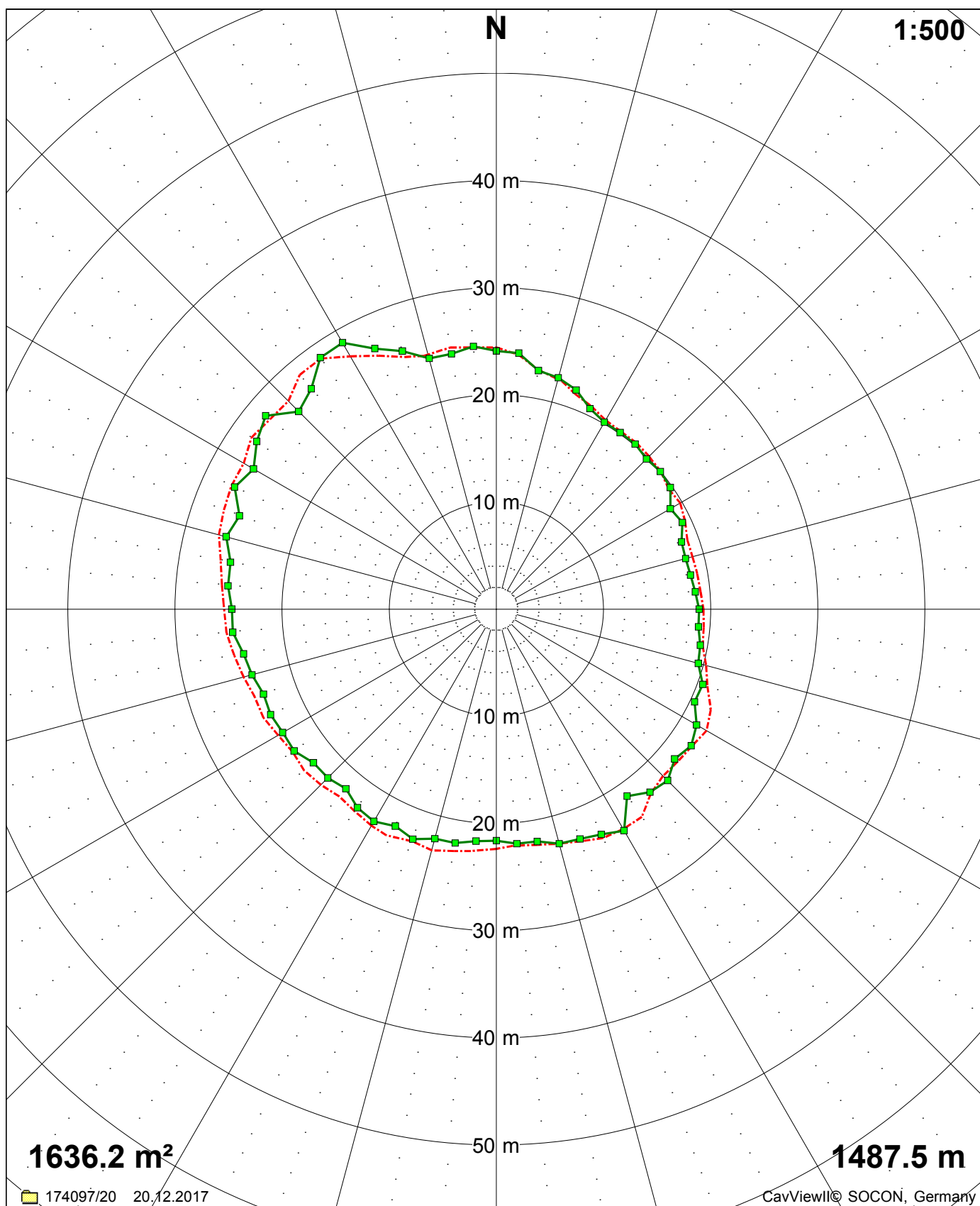


--- (19.05.2014) (1784.4 m ²)	— (20.12.2017) (1734.1 m ²)	- - - (10.06.2016) (1772.3 m ²)
---	---	---

$d_{\max}$: 54.3 m 150° <--> 330° $r_{\min}$: 19.4 m -> 85° $r_{\sim}$: 23.5 m $r_{\max}$: 30.1 m -> 330°

Heiligerlee K

20.12.2017



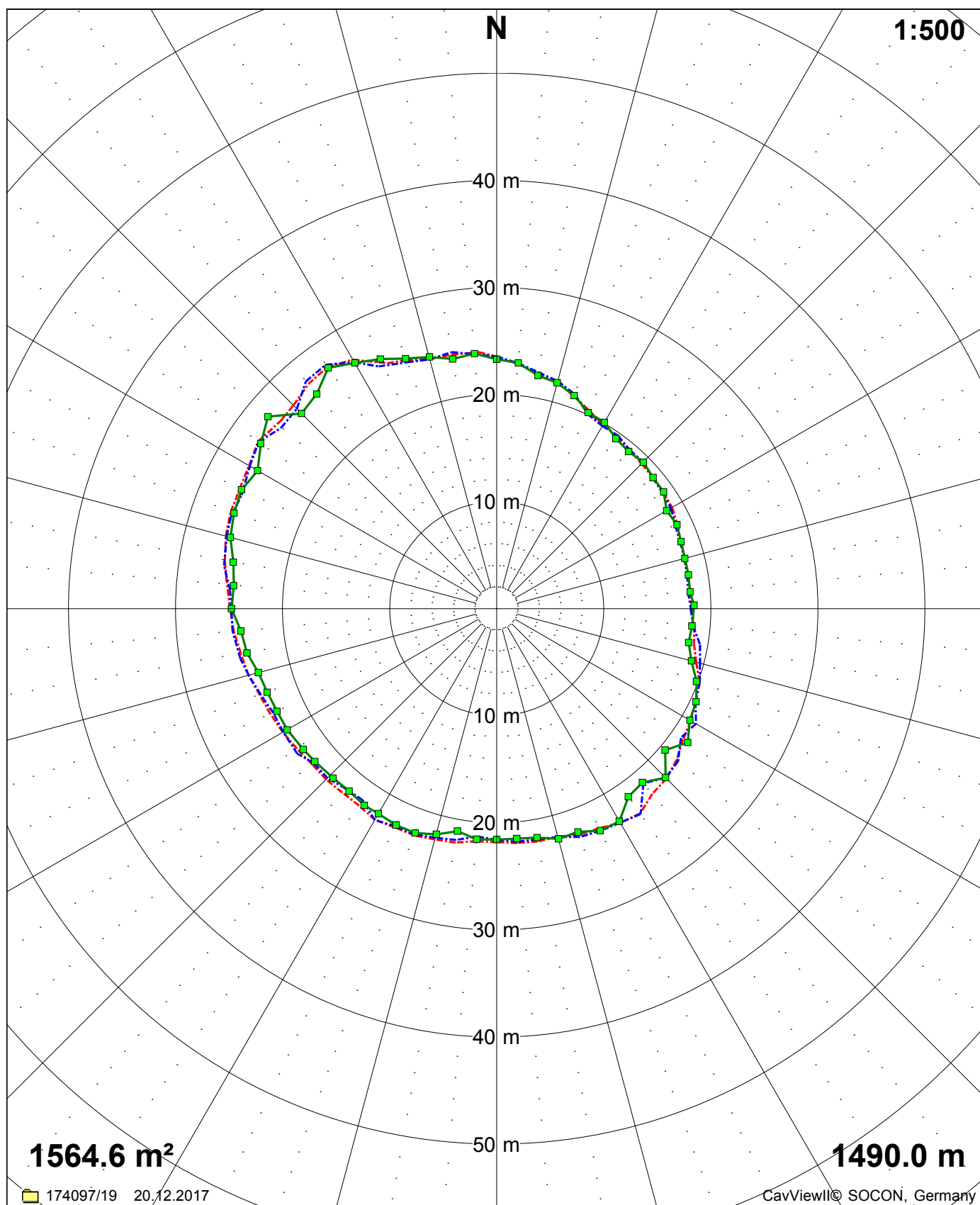
--- (19.05.2014) (1702.0 m²)

—■— (20.12.2017) (1636.2 m²)

$d_{\max}$: 52.5 m 150° <--> 330° $r_{\min}$: 18.3 m -> 74° $r_{\sim}$: 22.8 m $r_{\max}$: 28.7 m -> 330°

Heiligerlee K

20.12.2017

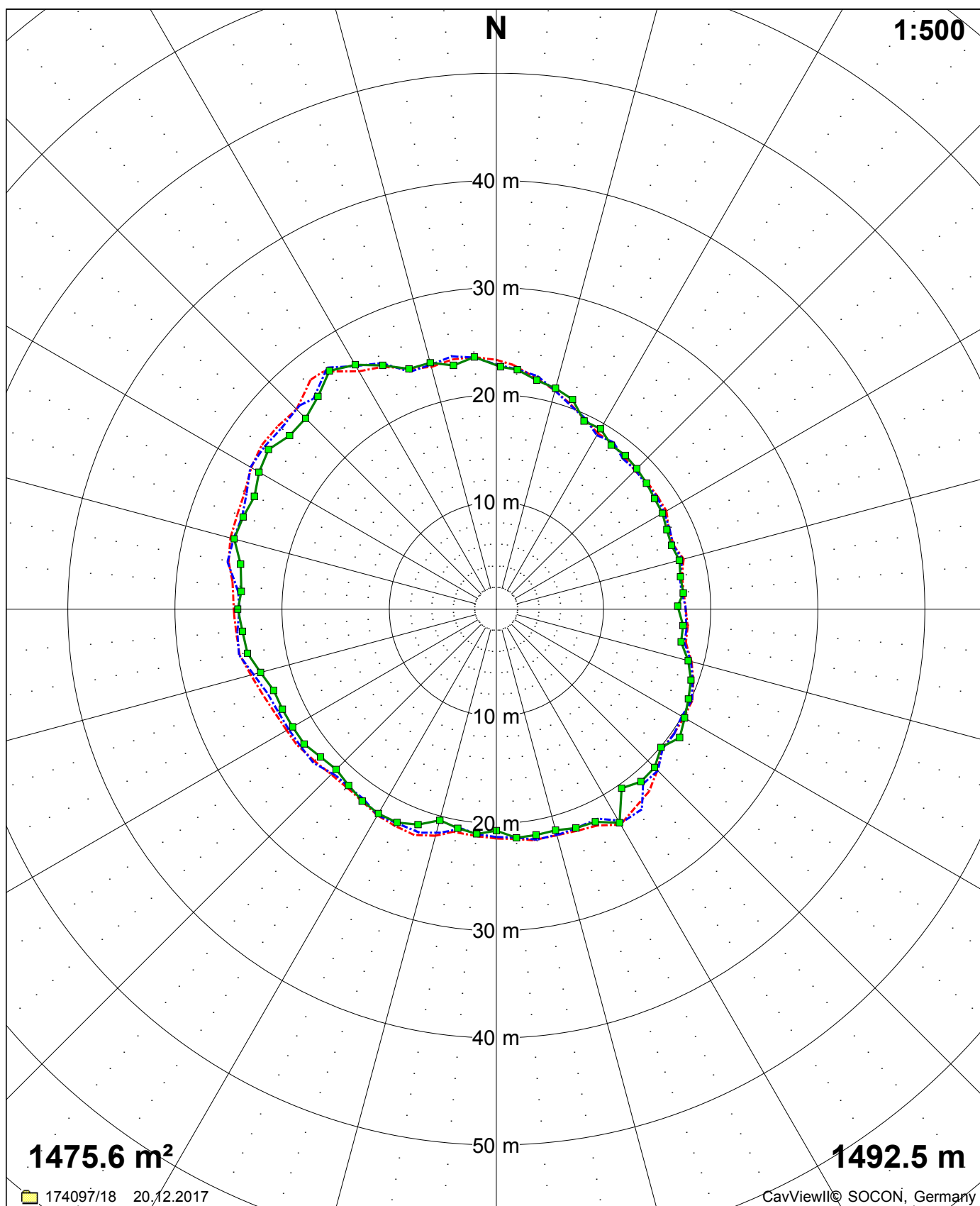


- - - (19.05.2014) (1608.2 m²)
 -■- (20.12.2017) (1564.6 m²)
 - - - (10.06.2016) (1598.1 m²)

d_{max}: 49.4 m 150° <--> 330°
 r_{min}: 18.1 m -> 83°
 r~: 22.3 m
 r_{max}: 27.9 m -> 310°

Heiligerlee K

20.12.2017

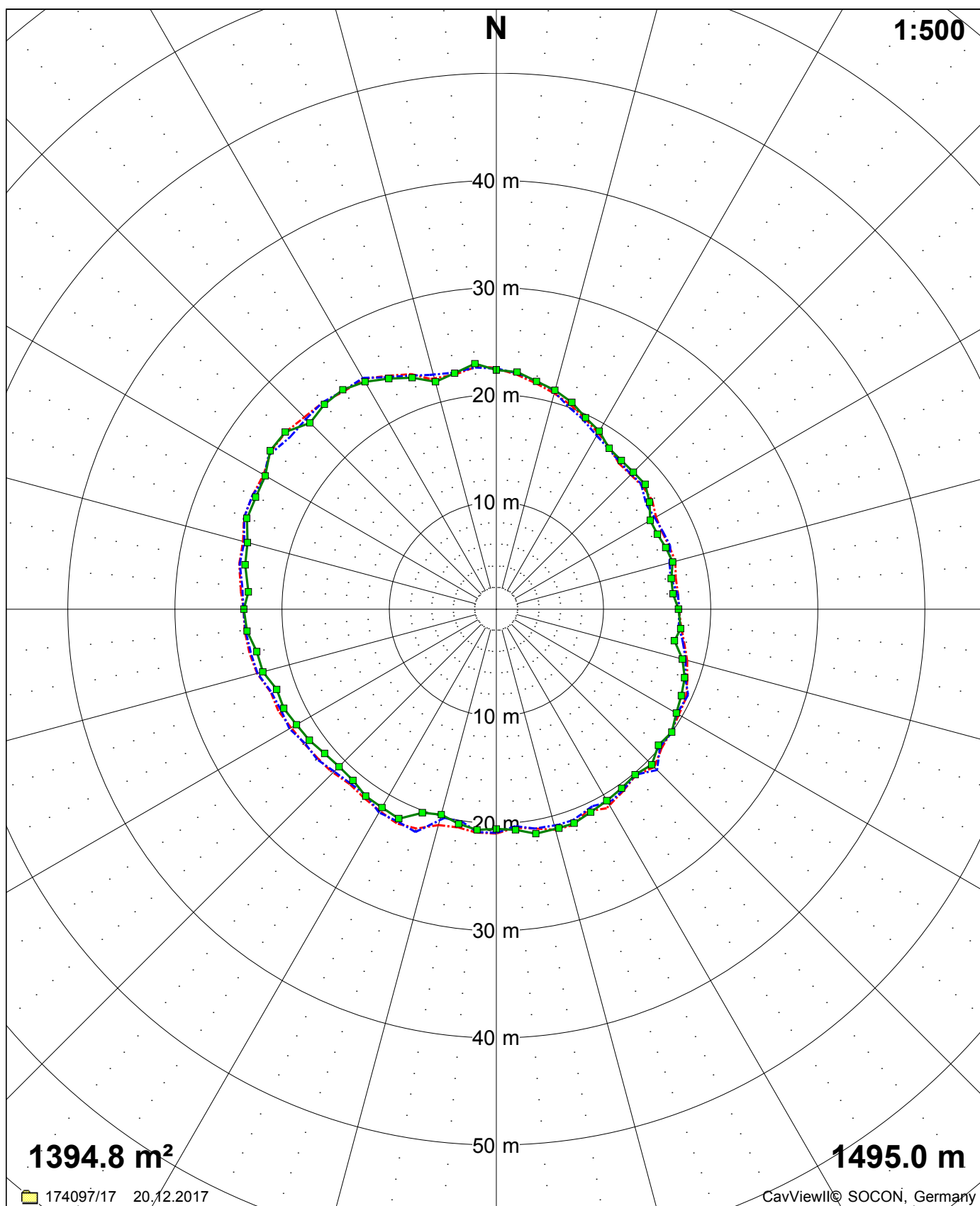


--- (19.05.2014) (1535.0 m²) —■— (20.12.2017) (1475.6 m²) - - - (10.06.2016) (1516.7 m²)

d_{max}: 49.3 m 150° <--> 330° r_{min}: 16.9 m -> 89° r~: 21.7 m r_{max}: 27.2 m -> 325°

Heiligerlee K

20.12.2017

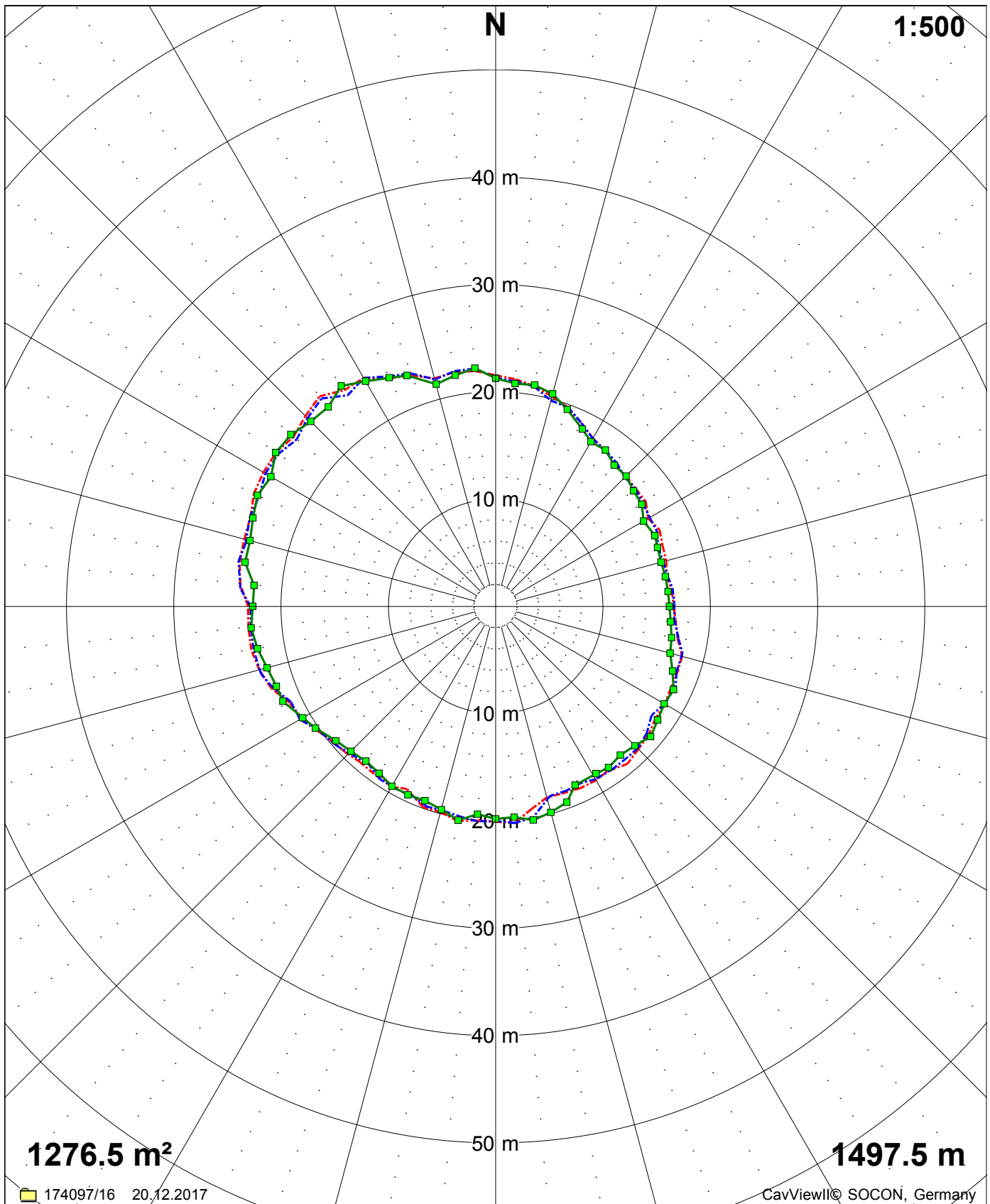


- - - (19.05.2014) (1429.5 m²)
 -■- (20.12.2017) (1394.8 m²)
 - - - (10.06.2016) (1417.4 m²)

d_{max}: 45.7 m 125° <--> 305°
 r_{min}: 16.5 m -> 83°
 r~: 21.1 m
 r_{max}: 25.8 m -> 305°

Heiligerlee K

20.12.2017

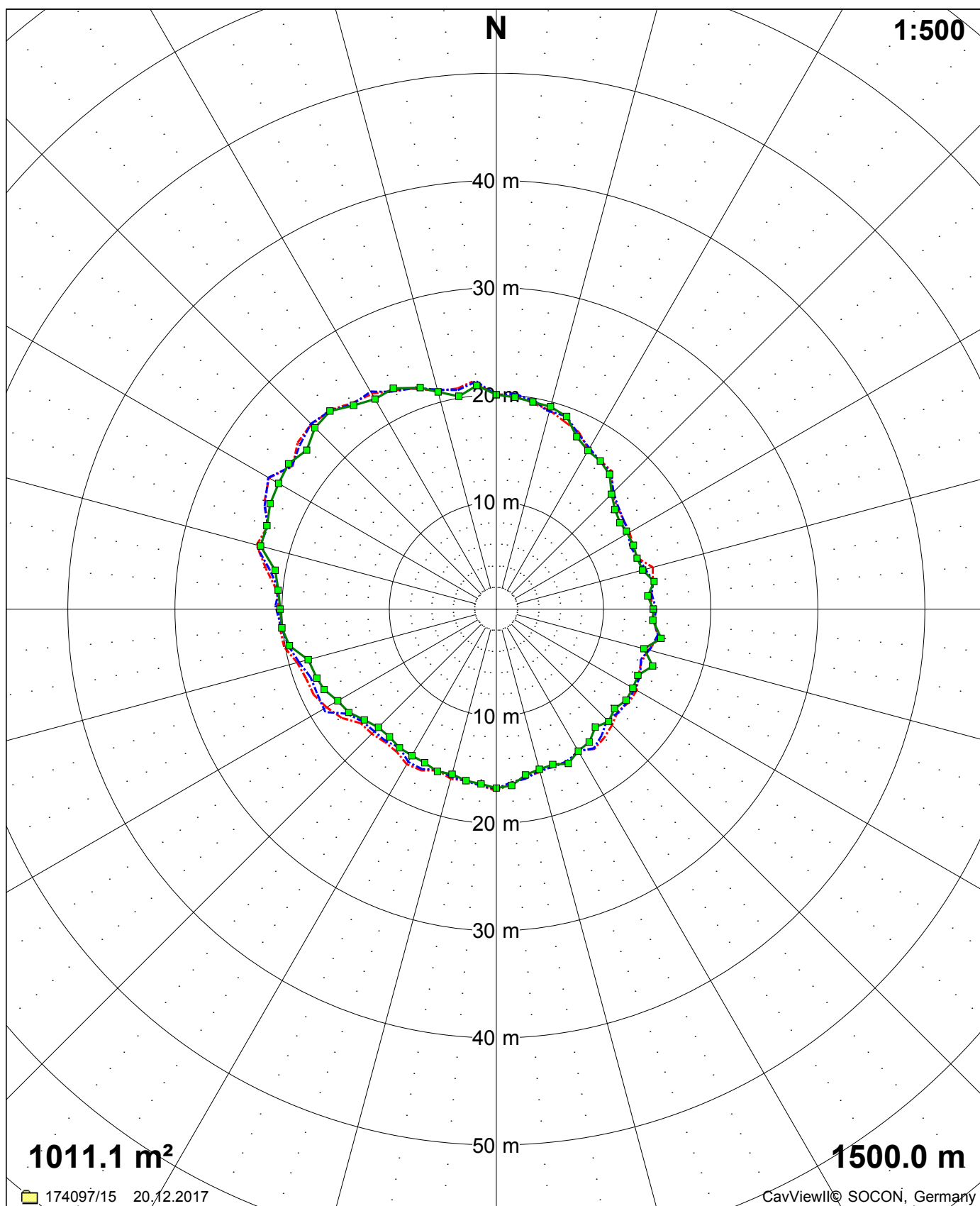


--- (19.05.2014) (1308.5 m²) —■— (20.12.2017) (1276.5 m²) - - - (10.06.2016) (1297.6 m²)

d_{max}: 43.8 m 130° <--> 310° r_{min}: 15.9 m -> 60° r~: 20.2 m r_{max}: 25.1 m -> 325°

Heiligerlee K

20.12.2017

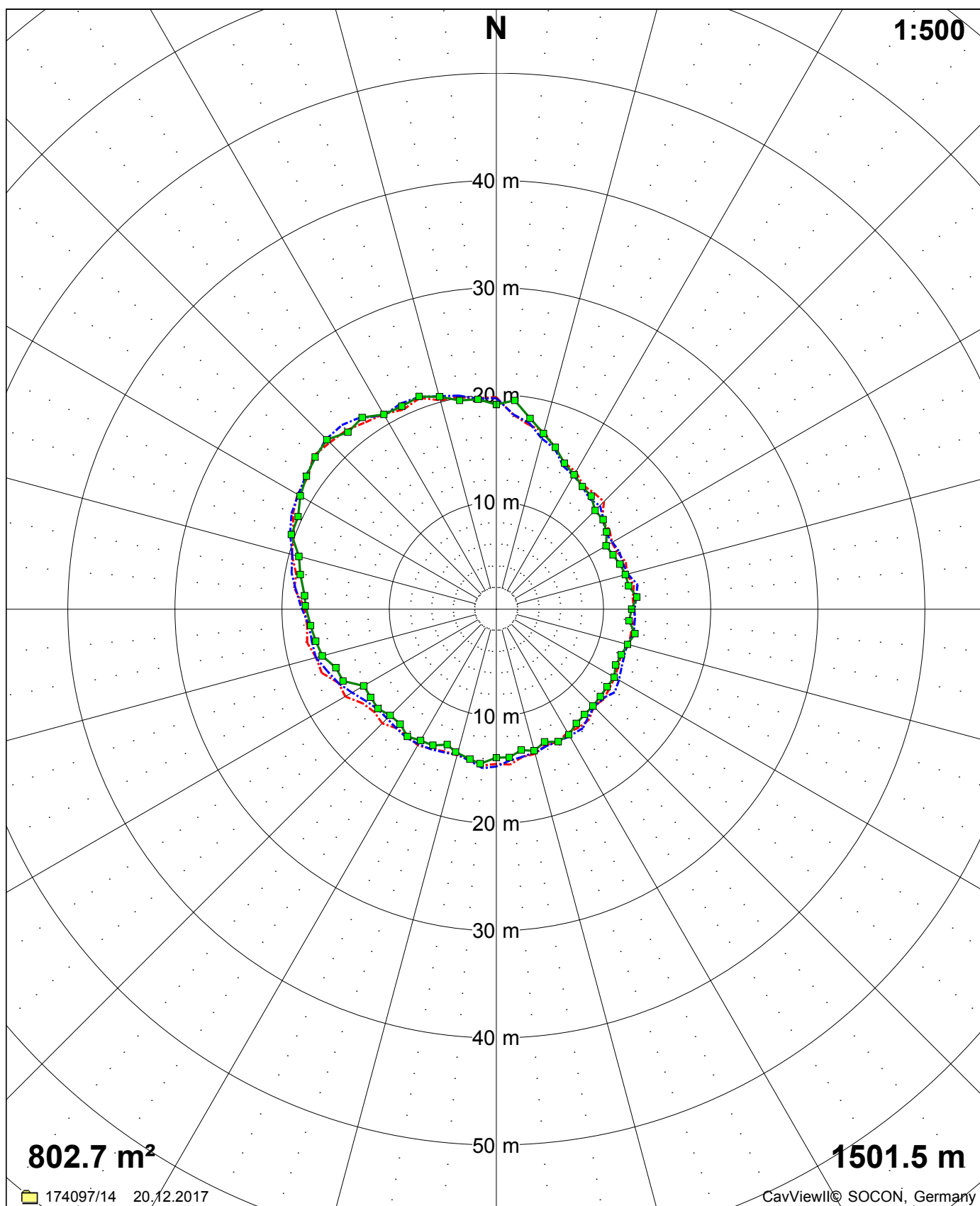


- - - (19.05.2014) (1045.6 m²)
 —■— (20.12.2017) (1011.1 m²)
 - - - (10.06.2016) (1038.2 m²)

d_{max}: 38.8 m 135° <--> 315° r_{min}: 14.0 m -> 69° r~: 17.9 m r_{max}: 24.1 m -> 320°

Heiligerlee K

20.12.2017



--- (19.05.2014) (827.9 m²)

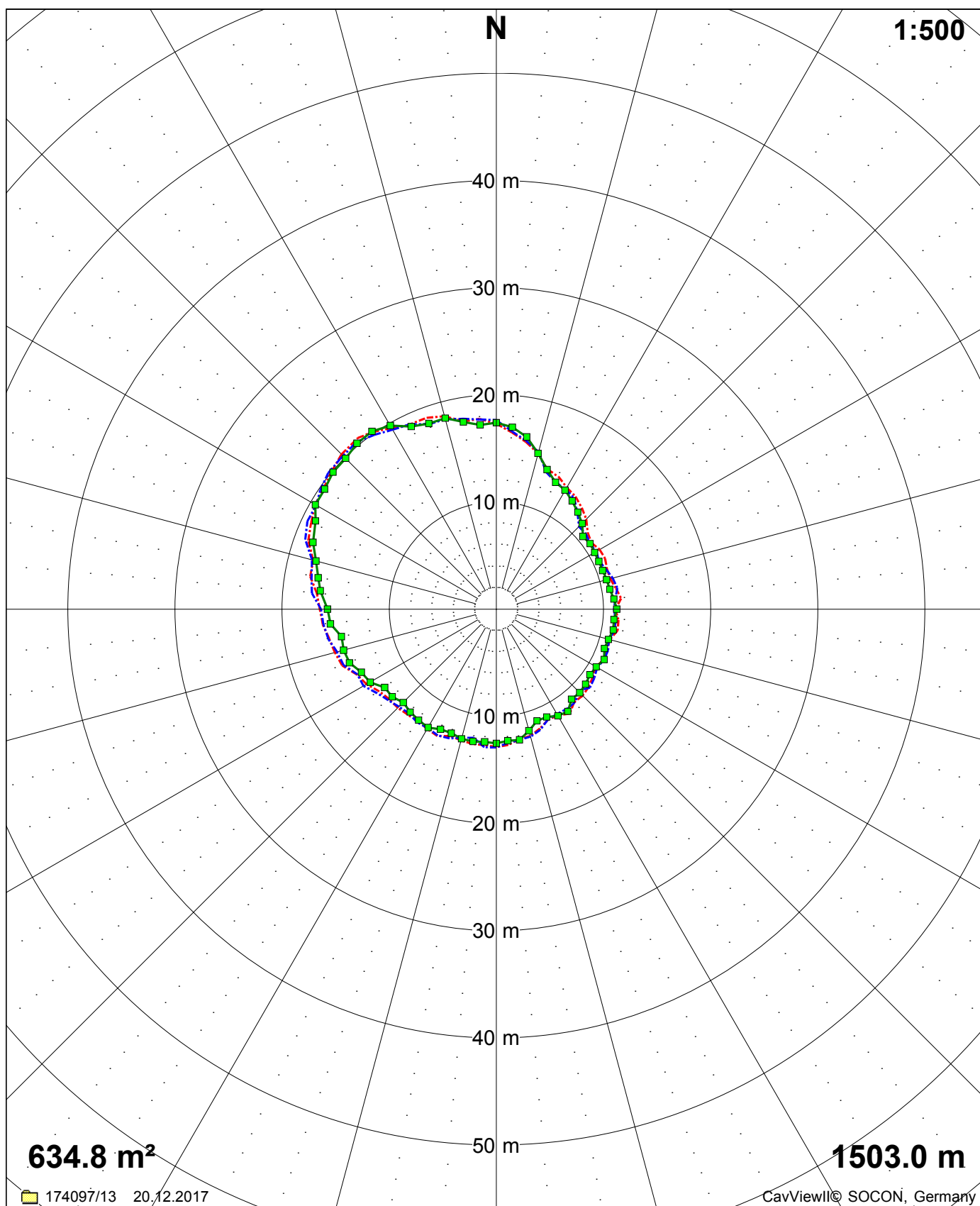
—■— (20.12.2017) (802.7 m²)

--- (10.06.2016) (830.3 m²)

d_{max}: 35.1 m 135° <--> 315° r_{min}: 11.8 m -> 60° r~: 16.0 m r_{max}: 22.4 m -> 315°

Heiligerlee K

20.12.2017



--- (19.05.2014) (663.8 m²)

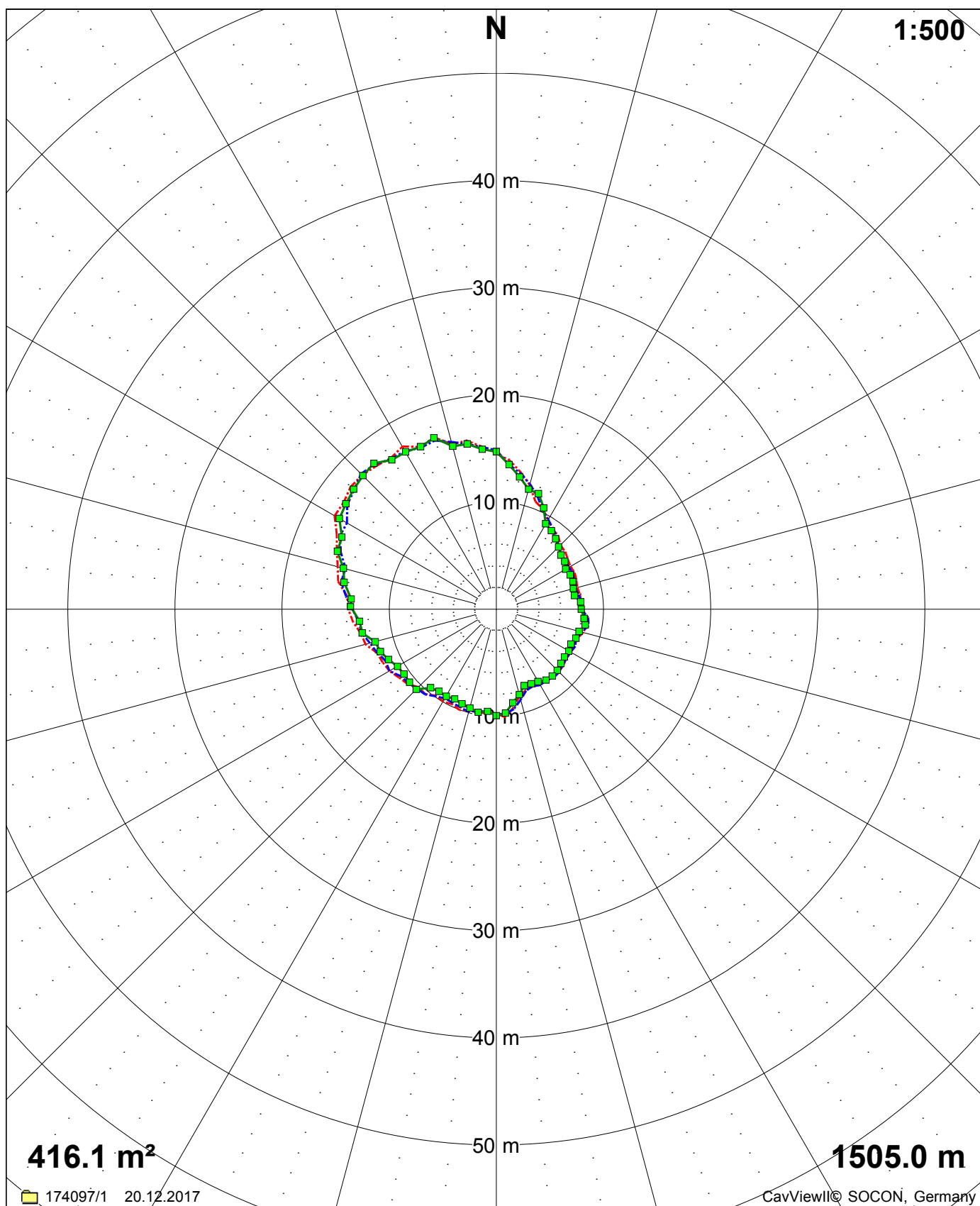
--- (20.12.2017) (634.8 m²)

--- (10.06.2016) (657.7 m²)

d_{max}: 31.9 m 145° <--> 325° r_{min}: 10.5 m -> 65° r~: 14.2 m r_{max}: 20.3 m -> 325°

Heiligerlee K

20.12.2017



--- (19.05.2014) (436.3 m²)

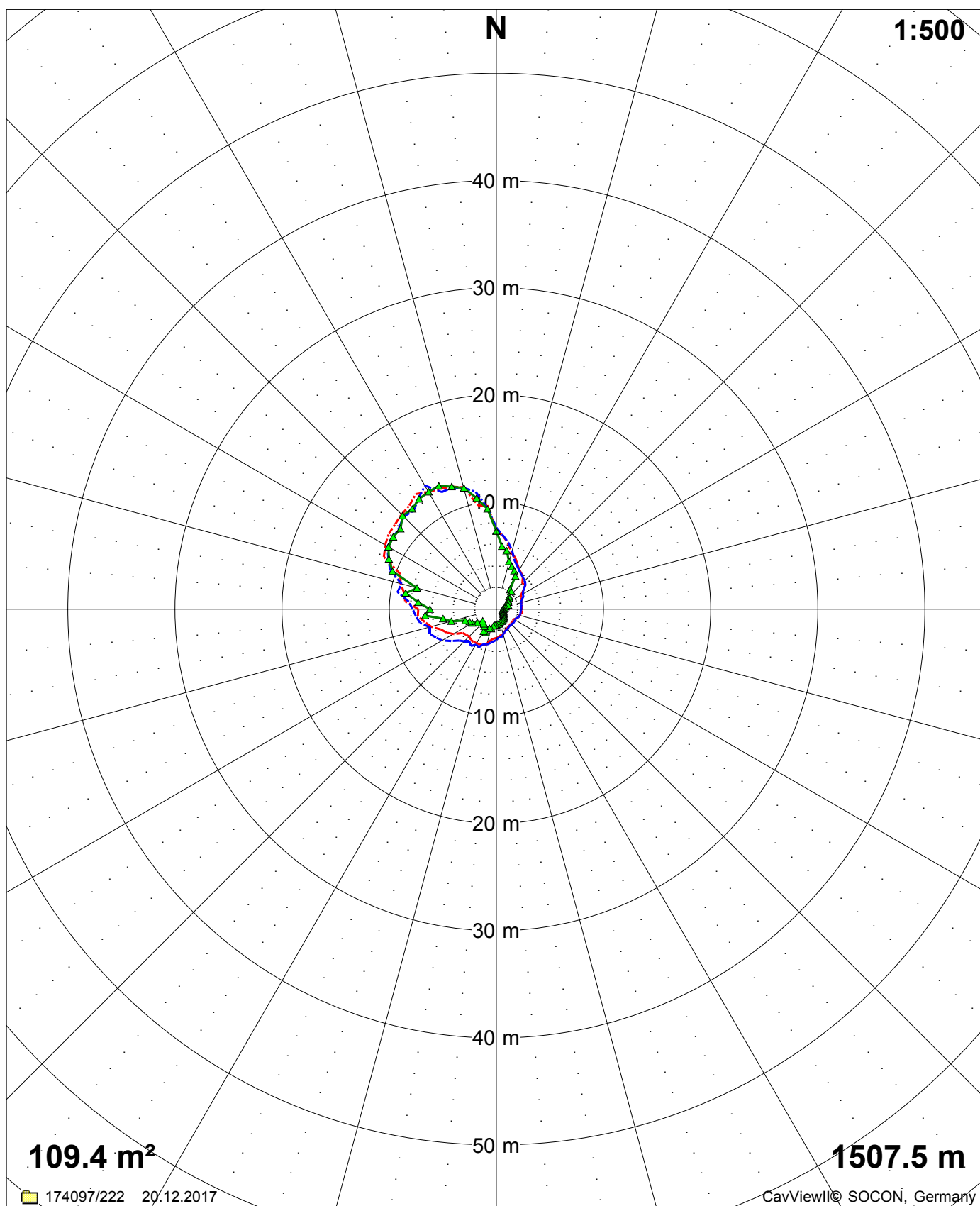
—■— (20.12.2017) (416.1 m²)

--- (10.06.2016) (426.4 m²)

d_{max}: 25.9 m 140° <--> 320° r_{min}: 7.4 m -> 77° r~: 11.5 m r_{max}: 17.8 m -> 320°

Heiligerlee K

20.12.2017



--- (19.05.2014) (131.7 m²)

—▲ (20.12.2017) (109.4 m²)

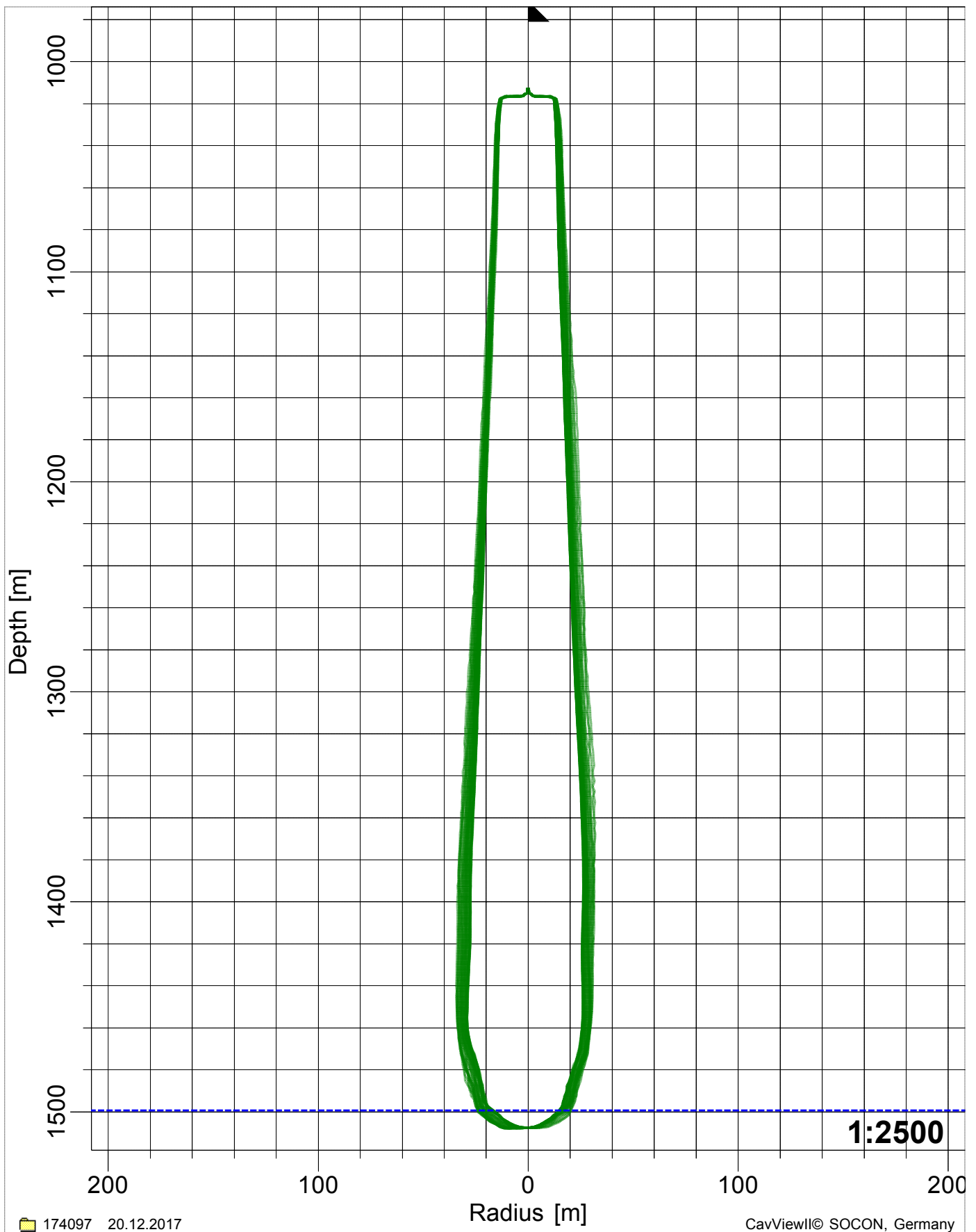
--- (10.06.2016) (135.3 m²)

d_{max}: 14.0 m 155° <--> 335° r_{min}: 0.6 m -> 94° r~: 5.9 m r_{max}: 12.7 m -> 335°

Heiligerlee K

MAXPLOT

20.12.2017

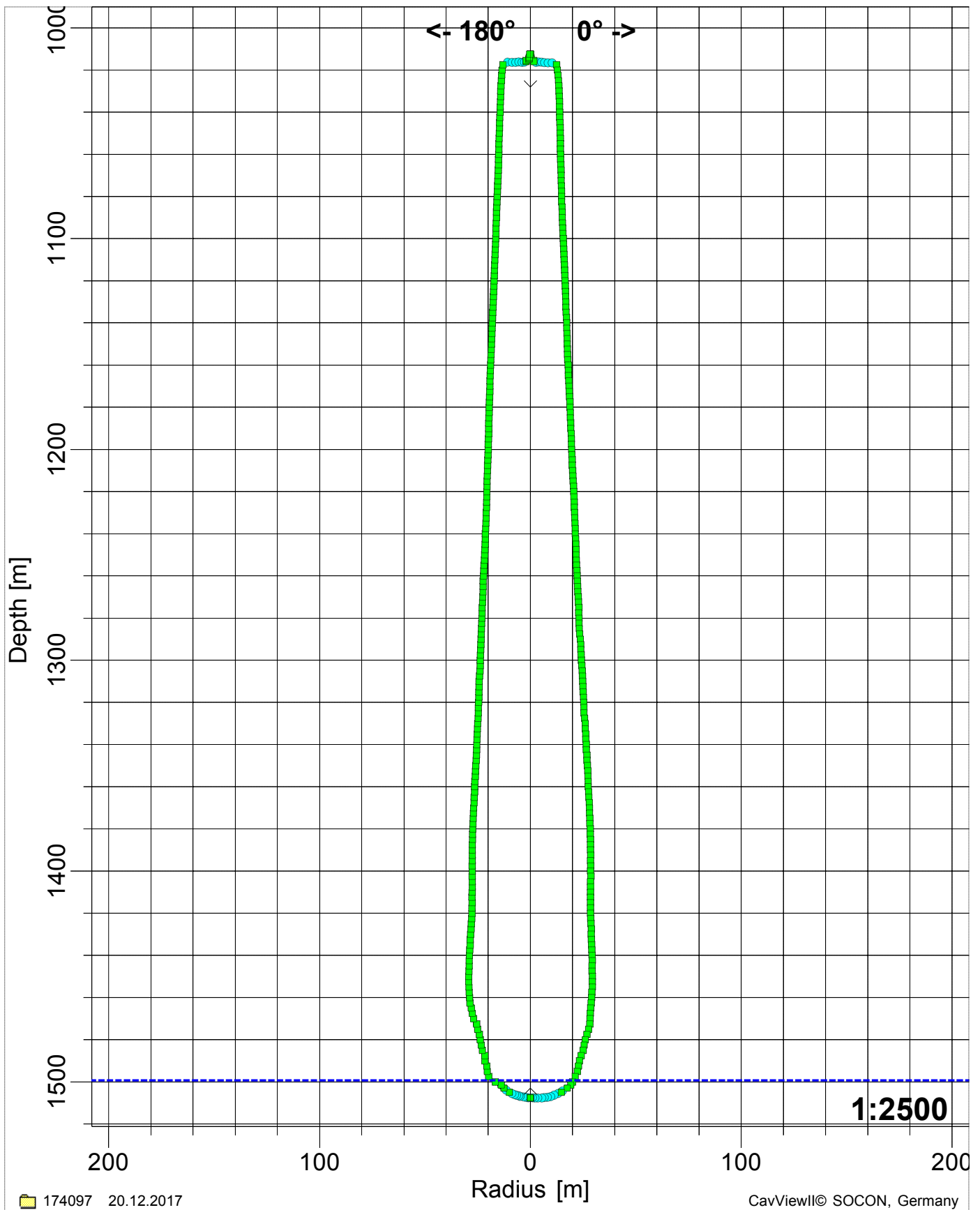


10 3/4" : 981.0 m

----- Interface 1499.3 m

Heiligerlee K

20.12.2017



10 3/4" : 981.0 m

--- Interface 1499.3 m

--- (19.05.2014)

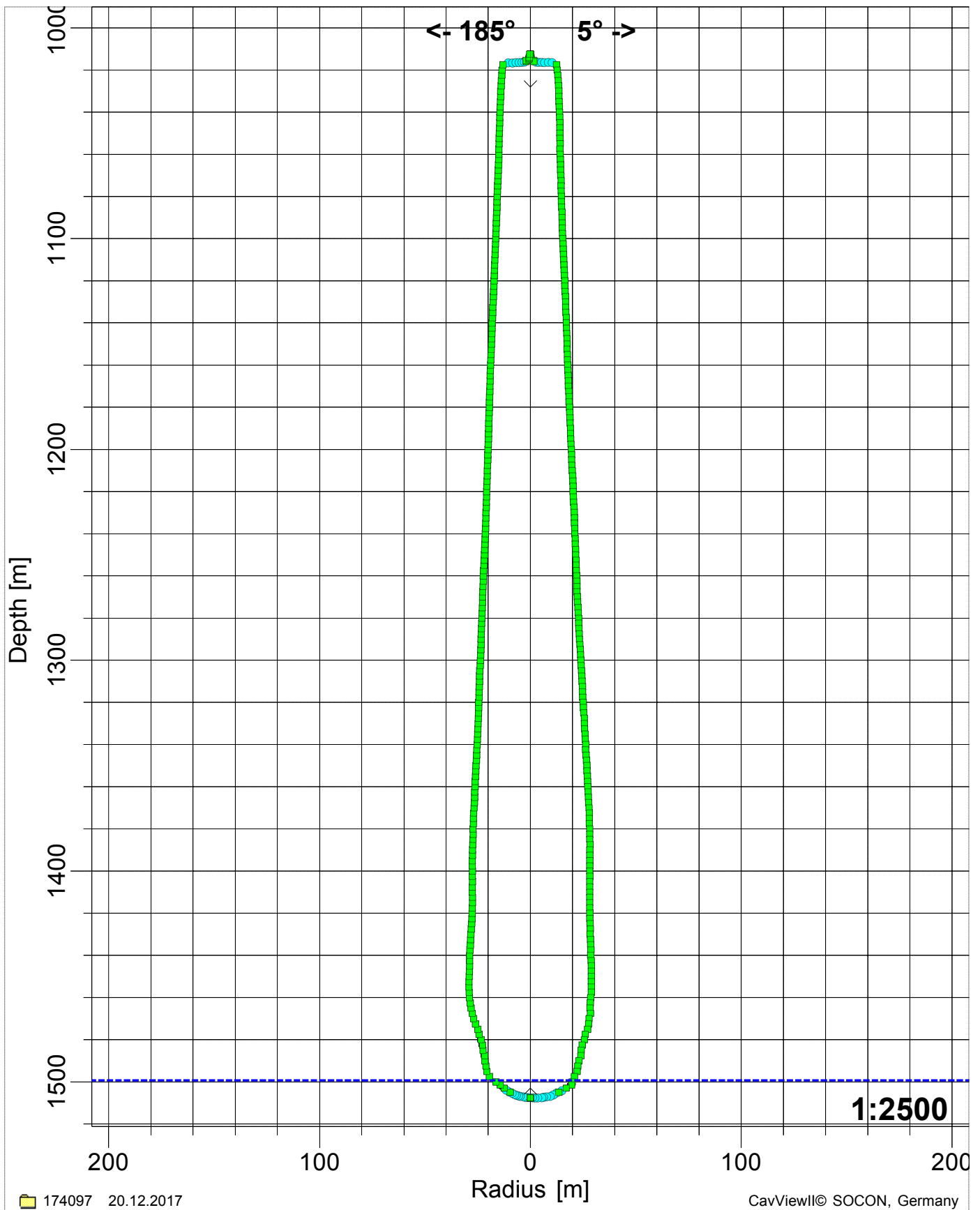
... (10.06.2016)

■ (20.12.2017)

∨ ∧ Tilting position

Heiligerlee K

20.12.2017



10 3/4" : 981.0 m

--- Interface 1499.3 m

--- (19.05.2014)

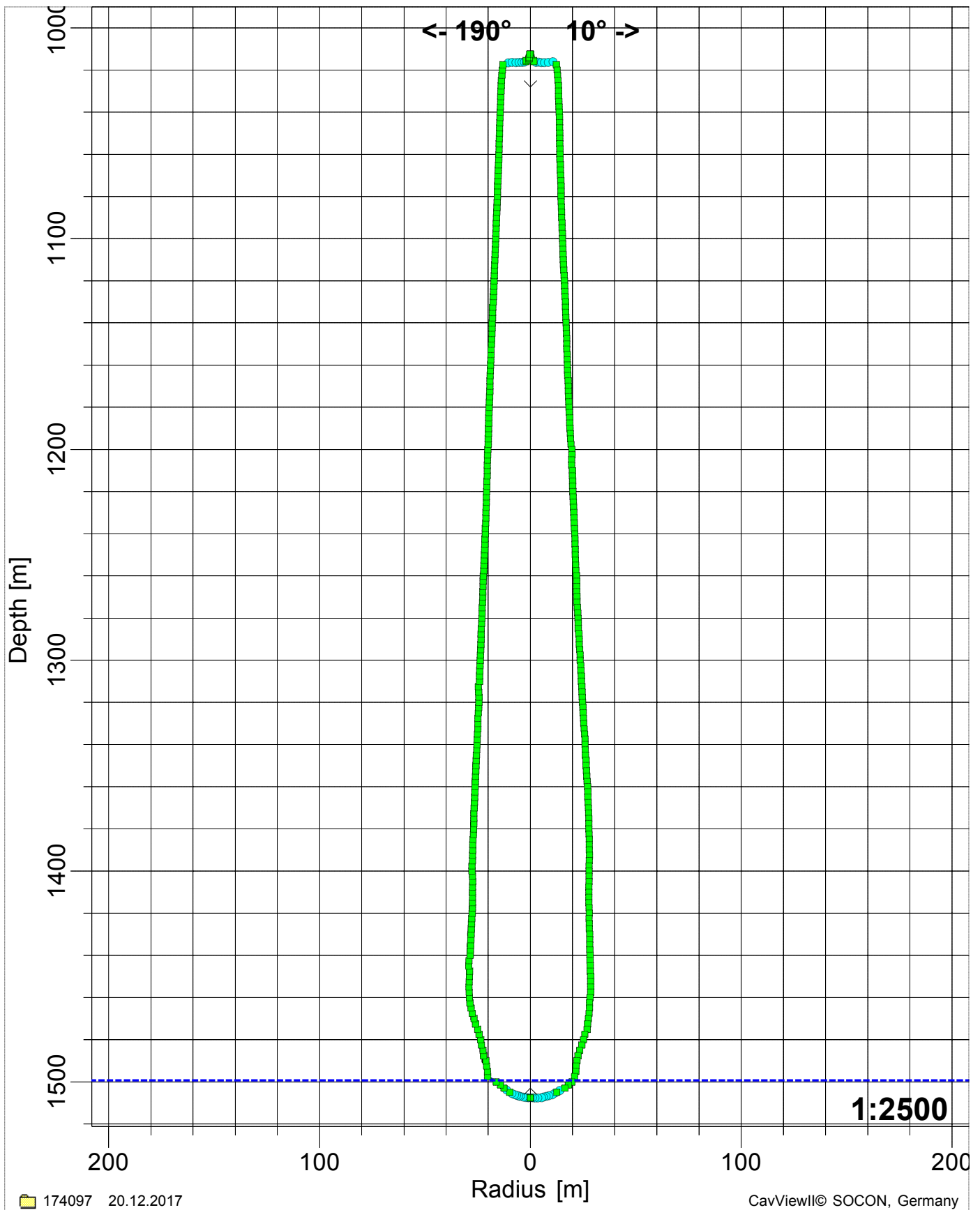
... (10.06.2016)

— (20.12.2017)

∨ ^ Tilting position

Heiligerlee K

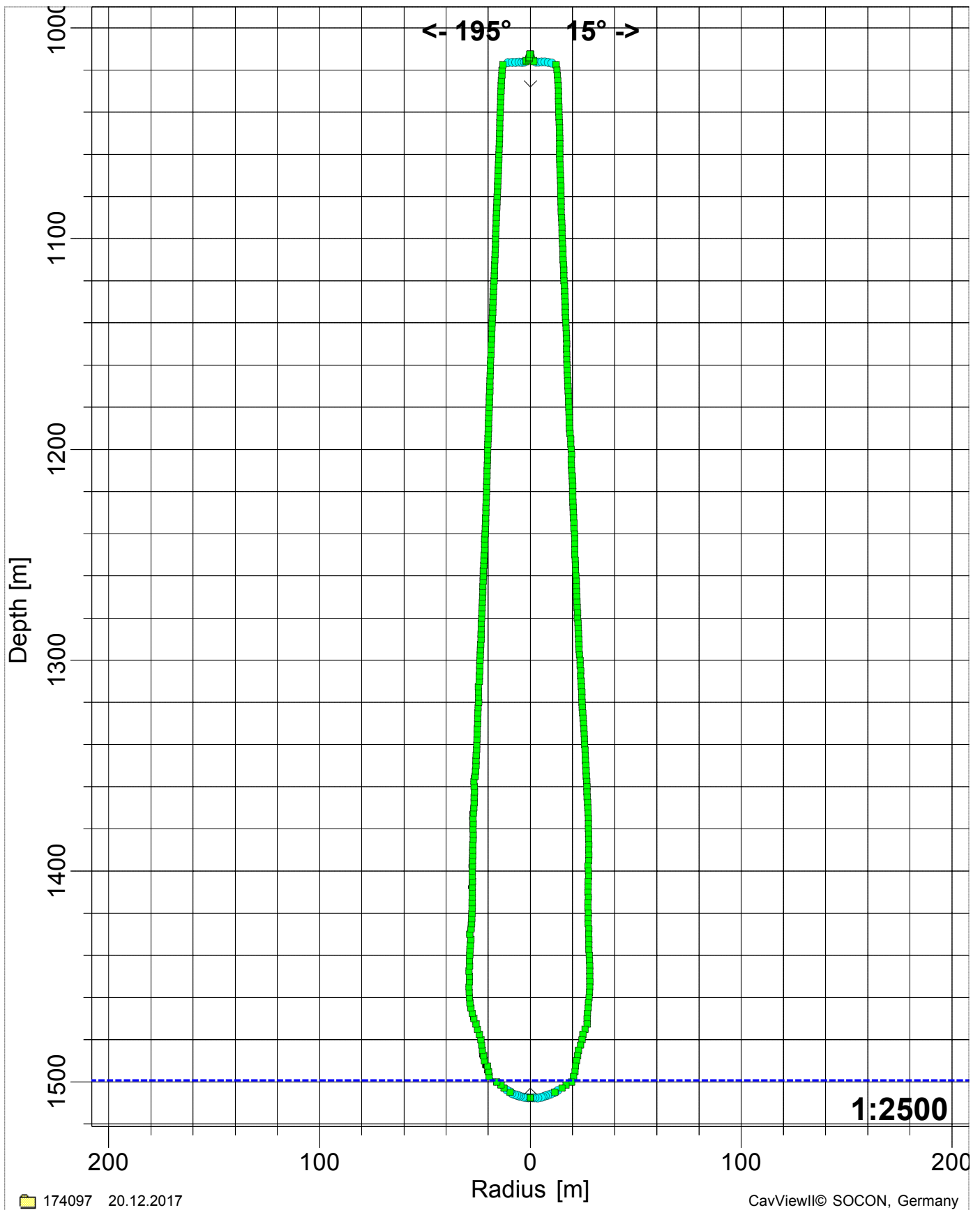
20.12.2017



 10 3/4" : 981.0 m  (10.06.2016)	 Interface 1499.3 m  (20.12.2017)	 (19.05.2014)  Tilting position
---	--	--

Heiligerlee K

20.12.2017



10 3/4" : 981.0 m

--- Interface 1499.3 m

--- (19.05.2014)

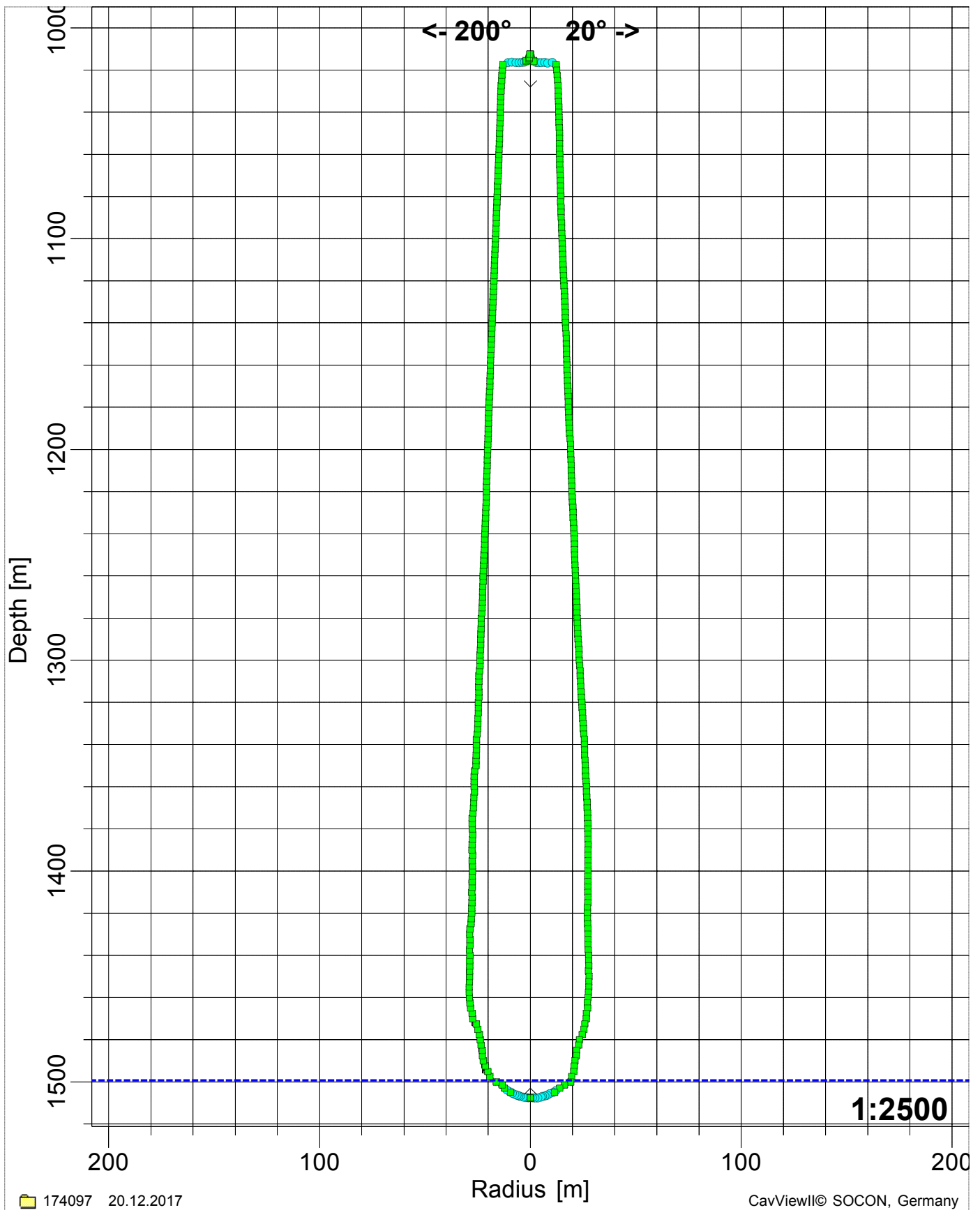
... (10.06.2016)

— (20.12.2017)

∨ ^ Tilting position

Heiligerlee K

20.12.2017



10 3/4" : 981.0 m

--- Interface 1499.3 m

--- (19.05.2014)

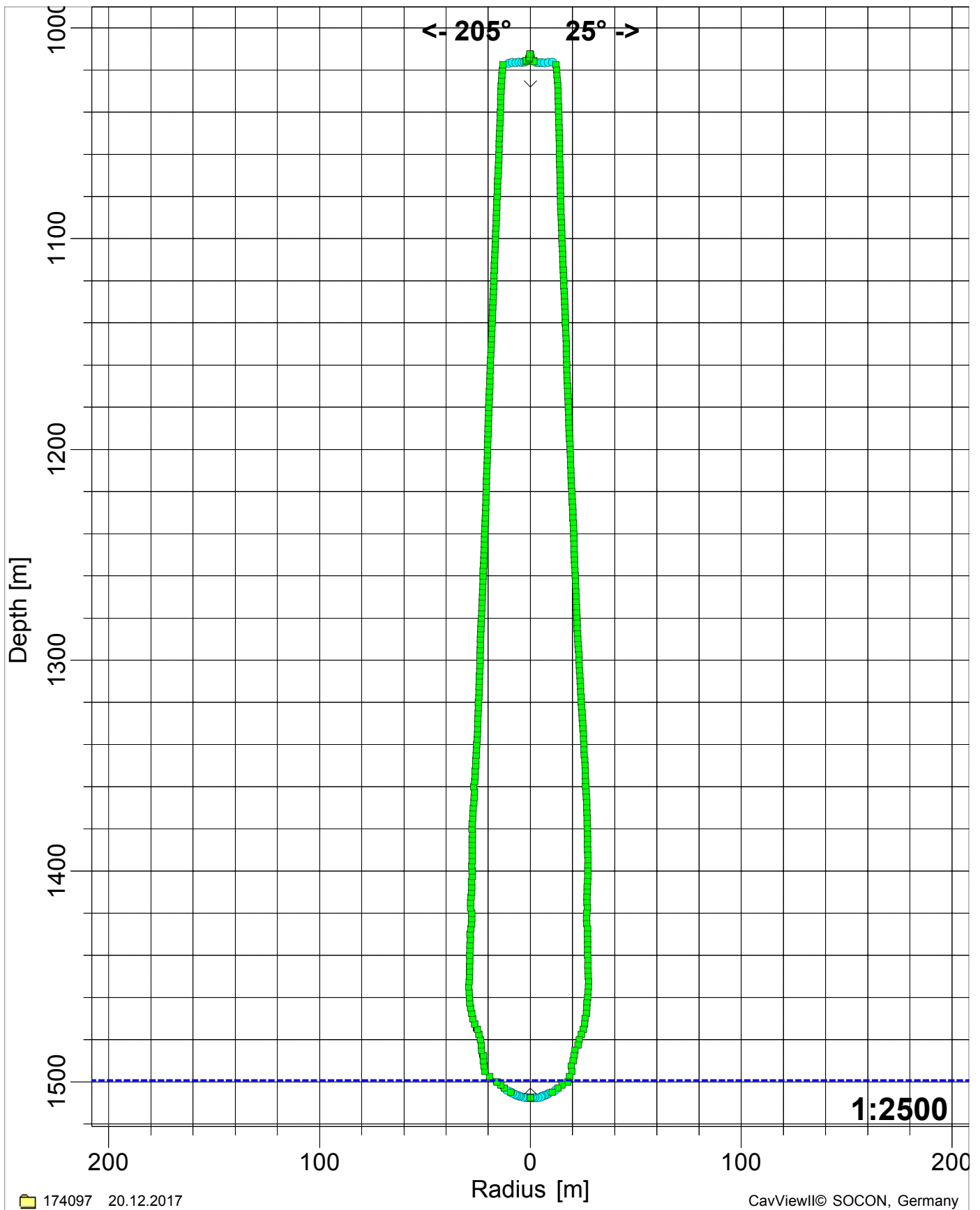
... (10.06.2016)

— (20.12.2017)

∨ ∧ Tilting position

Heiligerlee K

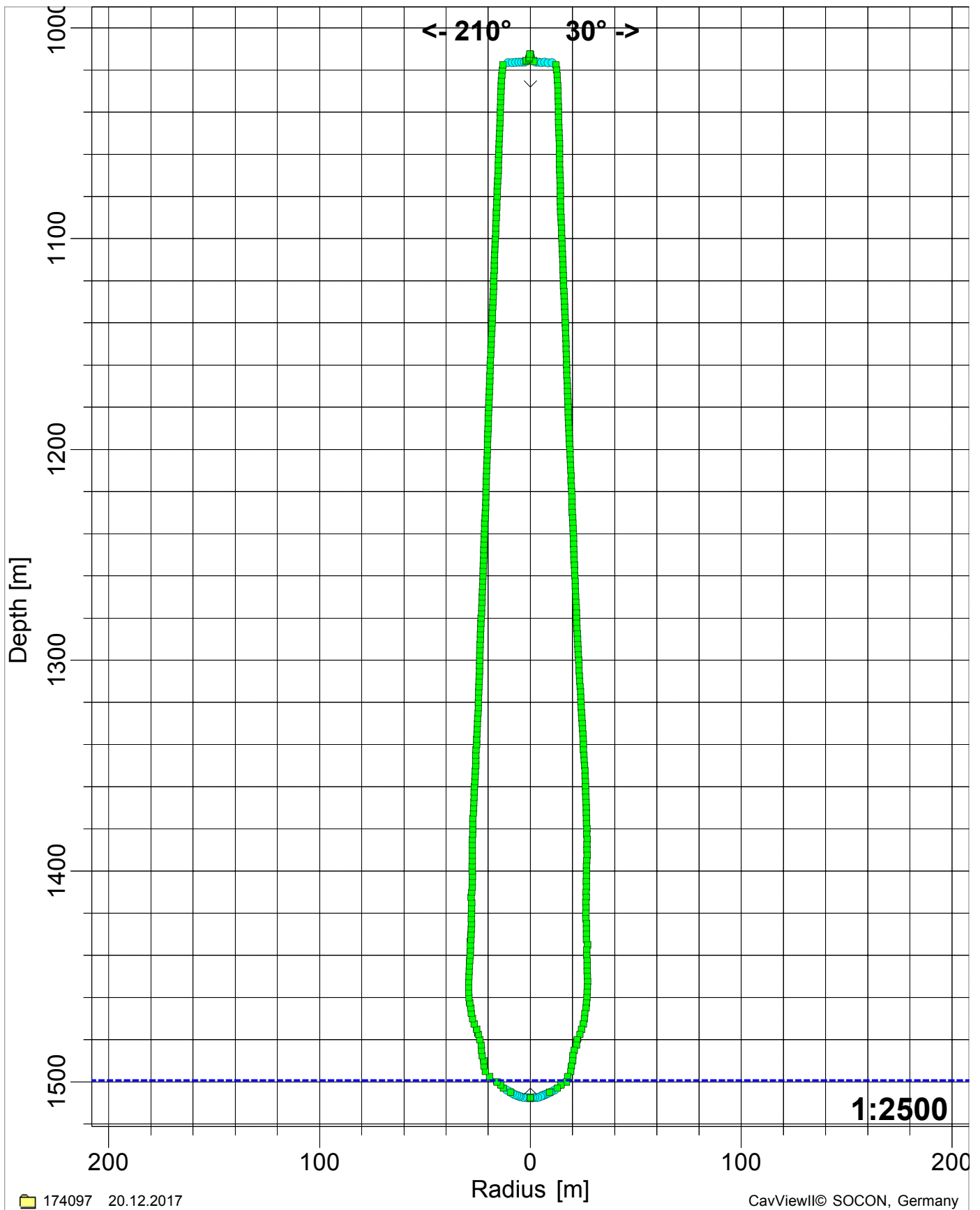
20.12.2017



10 3/4" : 981.0 m	--- Interface 1499.3 m	--- (19.05.2014)
... (10.06.2016)	- (20.12.2017)	∨ ^ Tilting position

Heiligerlee K

20.12.2017



10 3/4" : 981.0 m

--- Interface 1499.3 m

--- (19.05.2014)

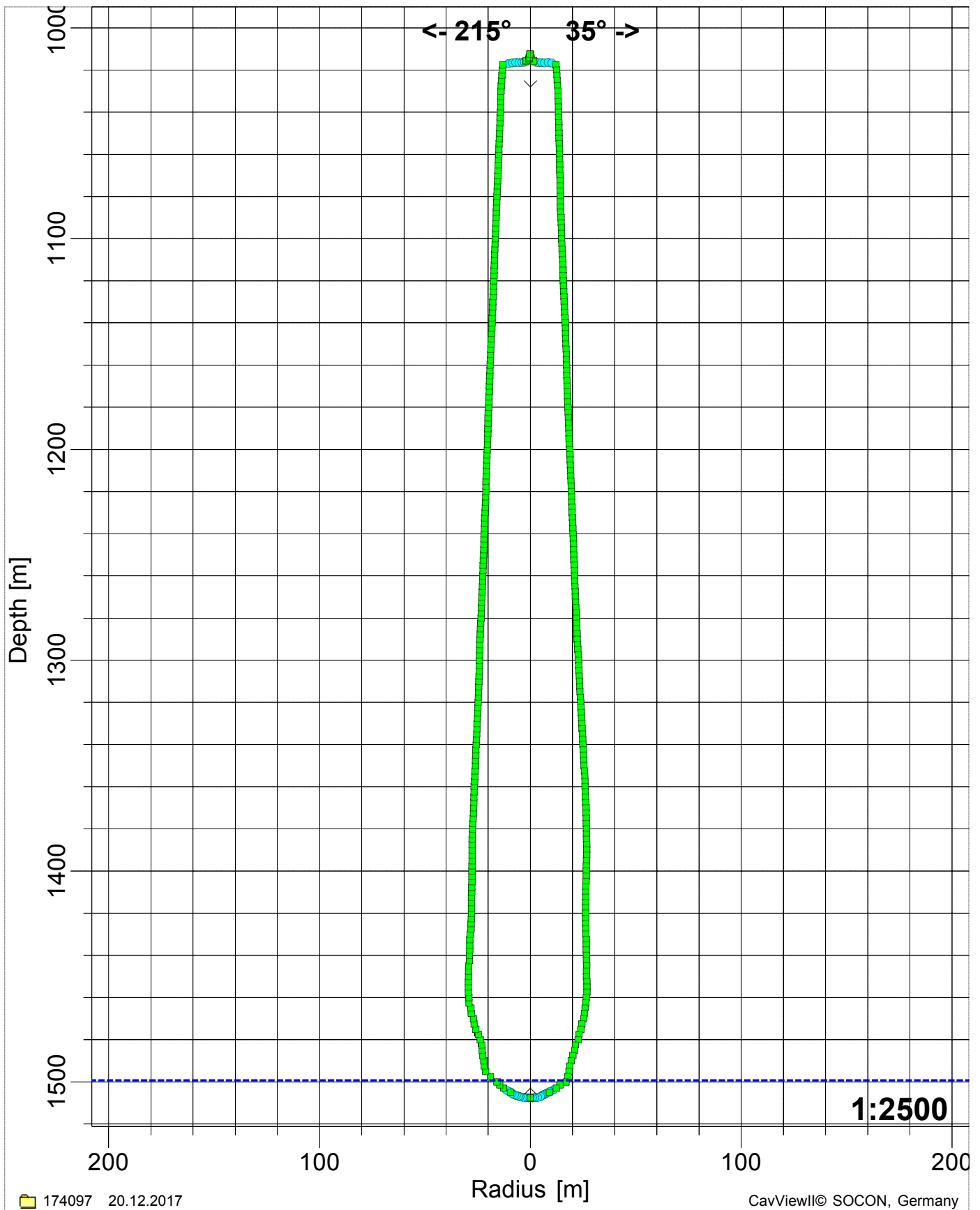
... (10.06.2016)

— (20.12.2017)

v ^ Tilting position

Heiligerlee K

20.12.2017



10 3/4" : 981.0 m

--- Interface 1499.3 m

--- (19.05.2014)

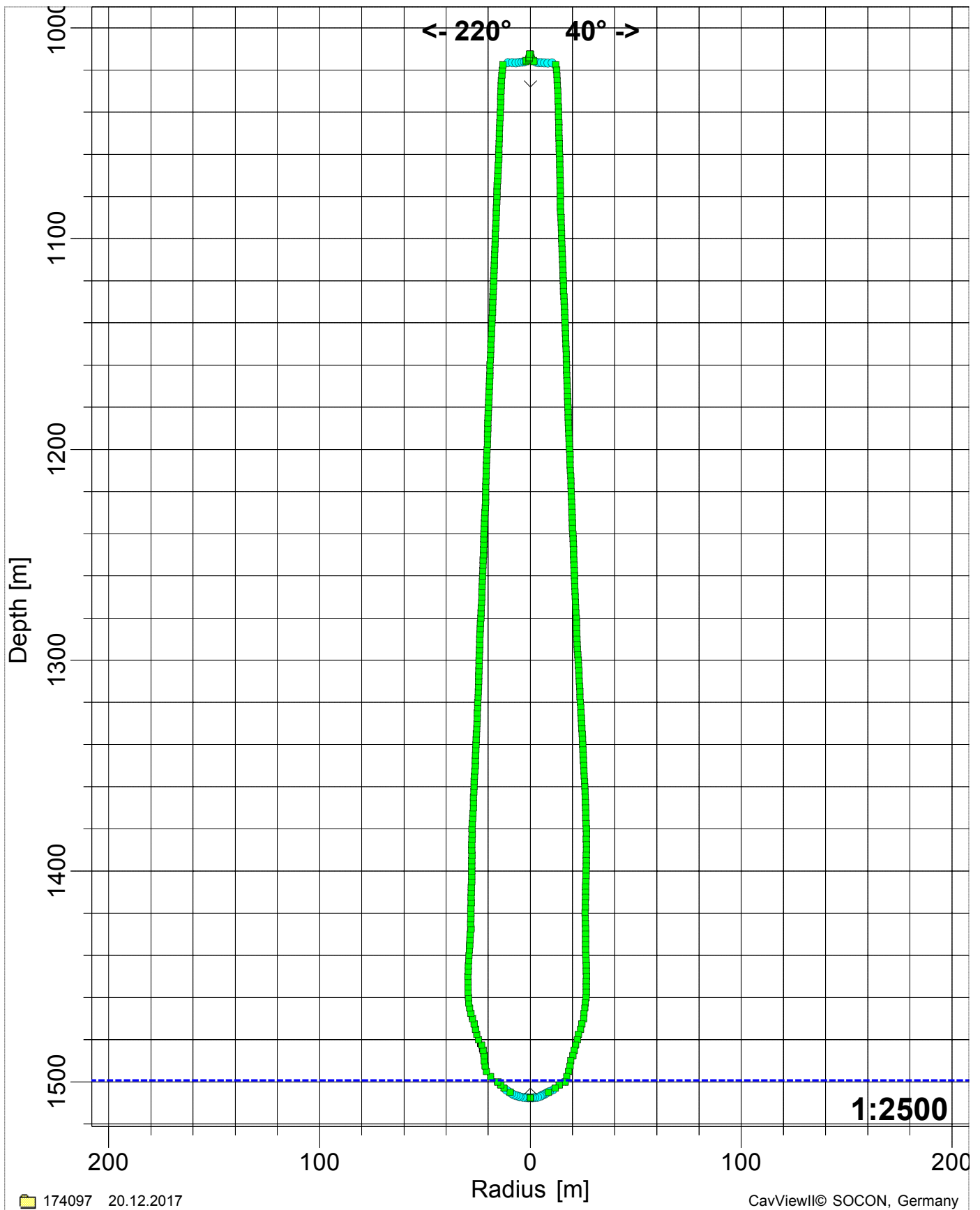
... (10.06.2016)

— (20.12.2017)

∨ ^ Tilting position

Heiligerlee K

20.12.2017



10 3/4" : 981.0 m

--- Interface 1499.3 m

--- (19.05.2014)

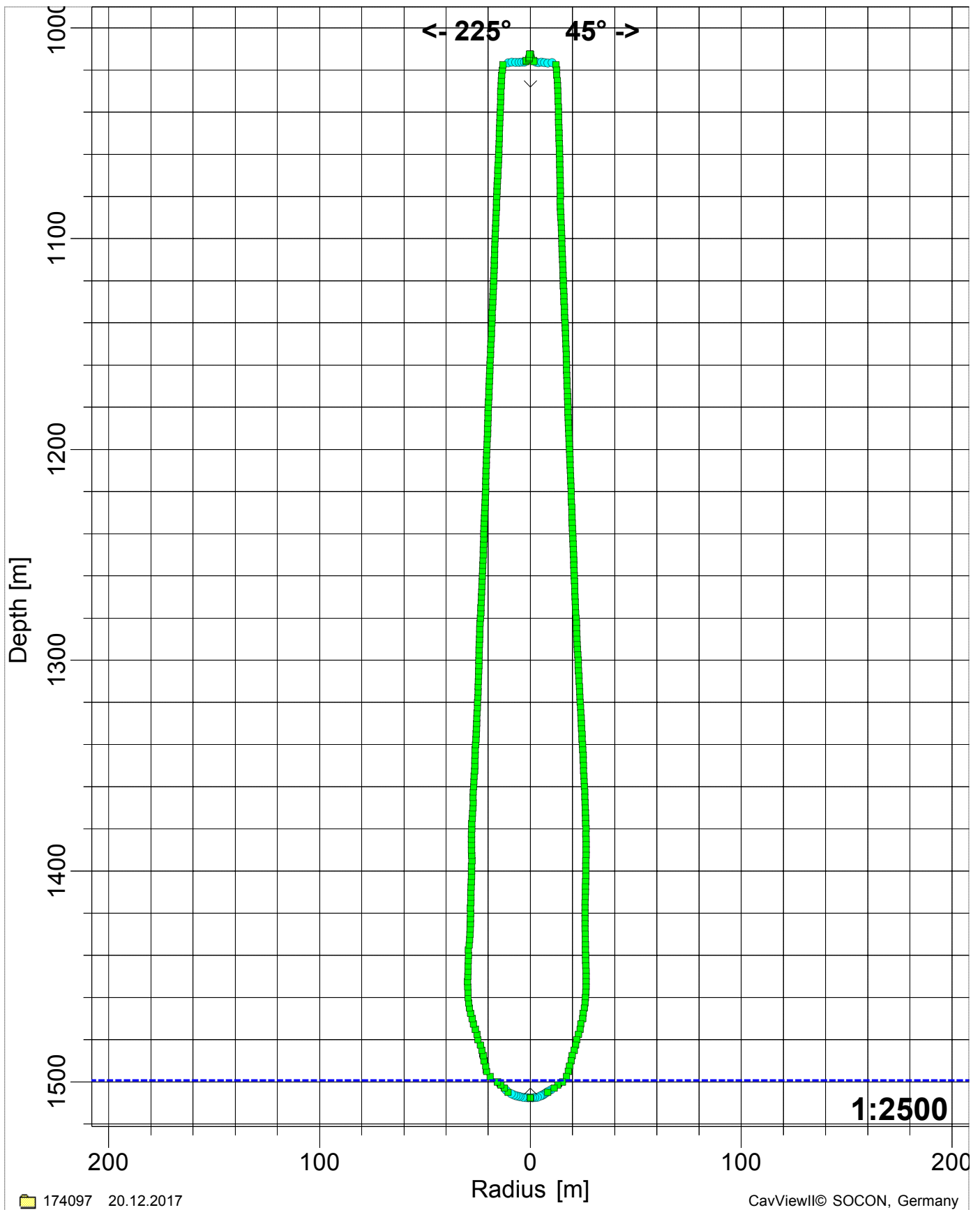
... (10.06.2016)

— (20.12.2017)

∨ ^ Tilting position

Heiligerlee K

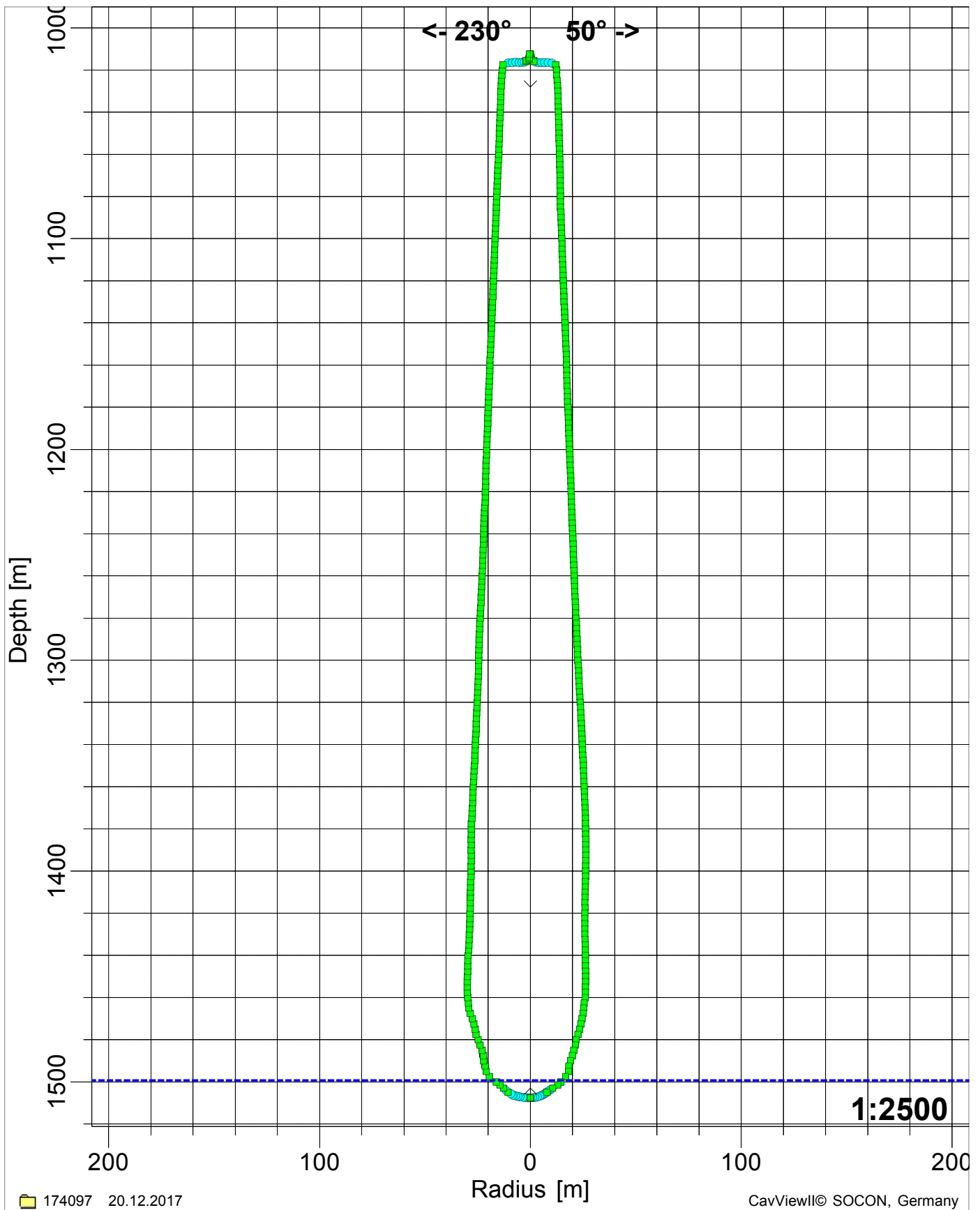
20.12.2017



10 3/4" : 981.0 m	--- Interface 1499.3 m	--- (19.05.2014)
... (10.06.2016)	-■- (20.12.2017)	∨ ∧ Tilting position

Heiligerlee K

20.12.2017



10 3/4" : 981.0 m

--- Interface 1499.3 m

--- (19.05.2014)

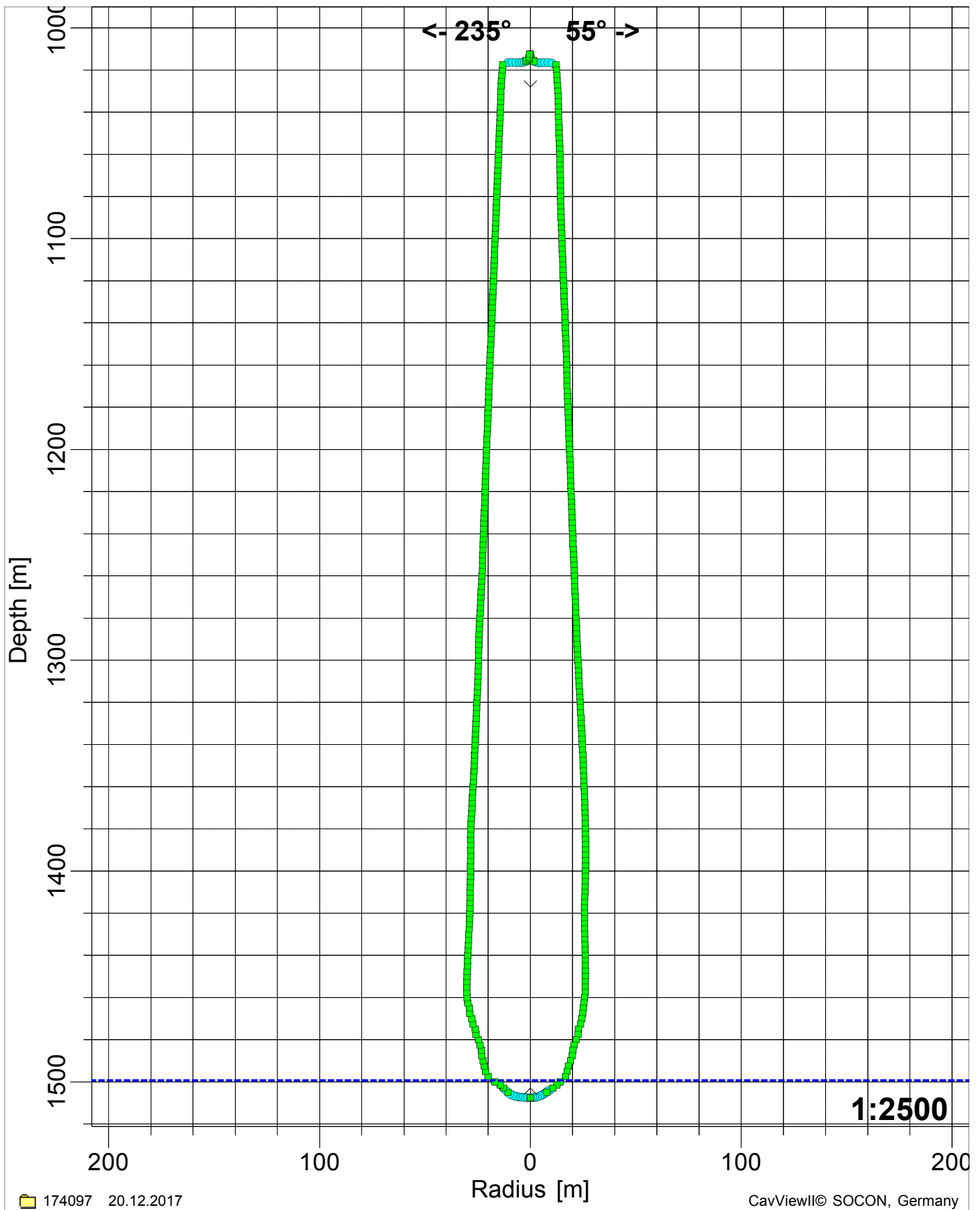
... (10.06.2016)

— (20.12.2017)

∨ ∧ Tilting position

Heiligerlee K

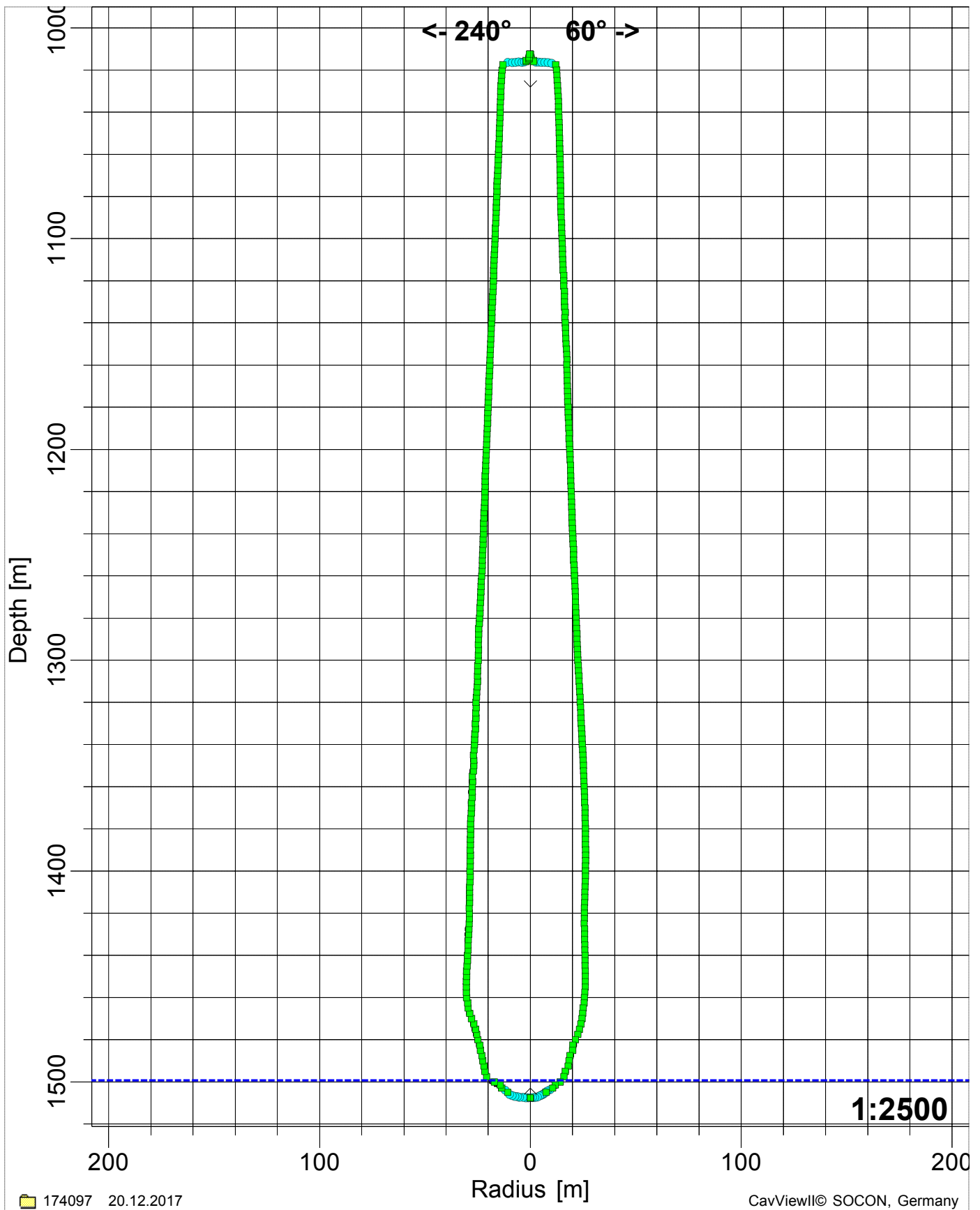
20.12.2017



10 3/4" : 981.0 m	--- Interface 1499.3 m	--- (19.05.2014)
... (10.06.2016)	— (20.12.2017)	∨ ∧ Tilting position

Heiligerlee K

20.12.2017



10 3/4" : 981.0 m

--- Interface 1499.3 m

--- (19.05.2014)

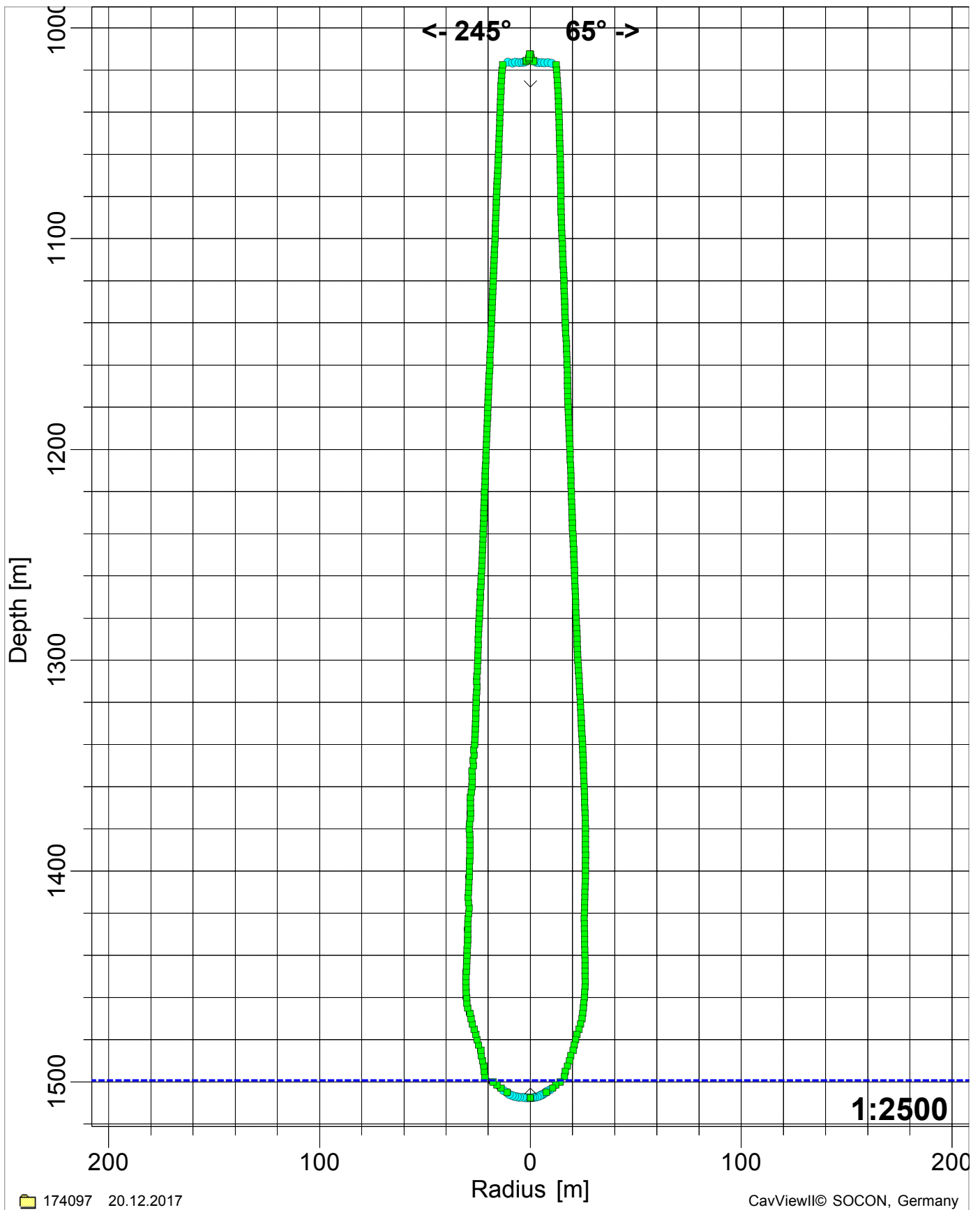
... (10.06.2016)

— (20.12.2017)

∨ ∧ Tilting position

Heiligerlee K

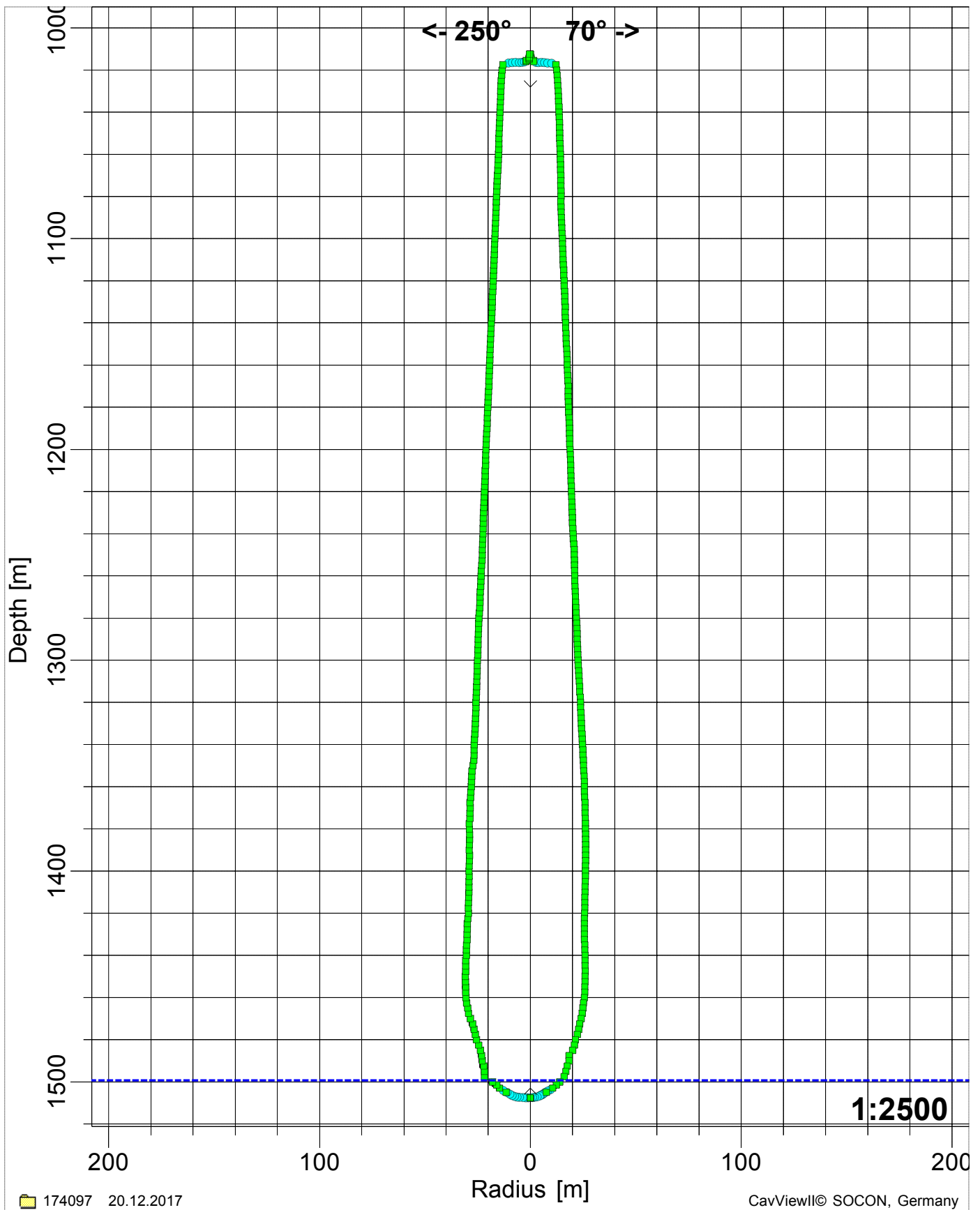
20.12.2017



10 3/4" : 981.0 m	--- Interface 1499.3 m	--- (19.05.2014)
... (10.06.2016)	--- (20.12.2017)	∨ ^ Tilting position

Heiligerlee K

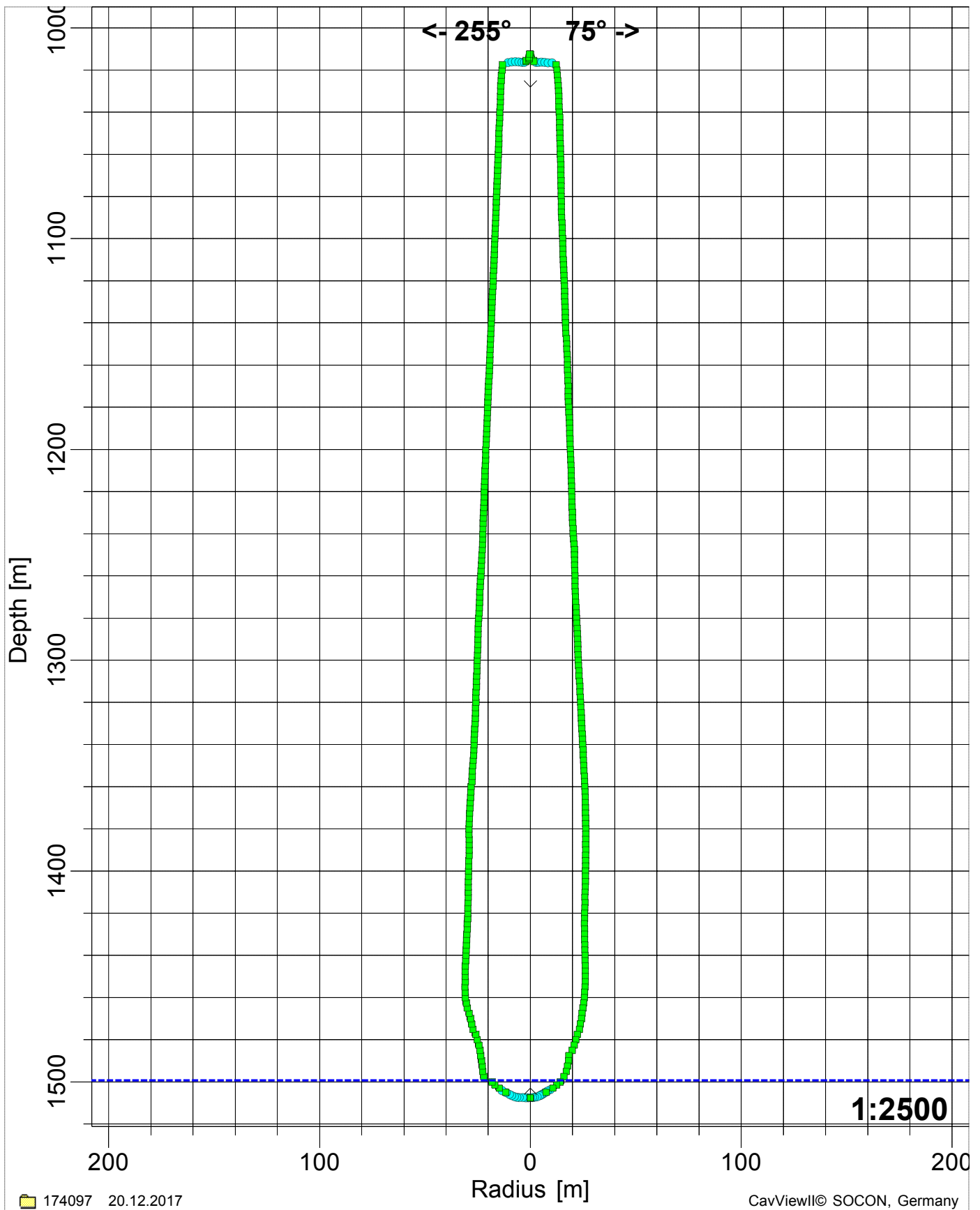
20.12.2017



 10 3/4" : 981.0 m  (10.06.2016)	 Interface 1499.3 m  (20.12.2017)	 (19.05.2014)  Tilting position
---	--	--

Heiligerlee K

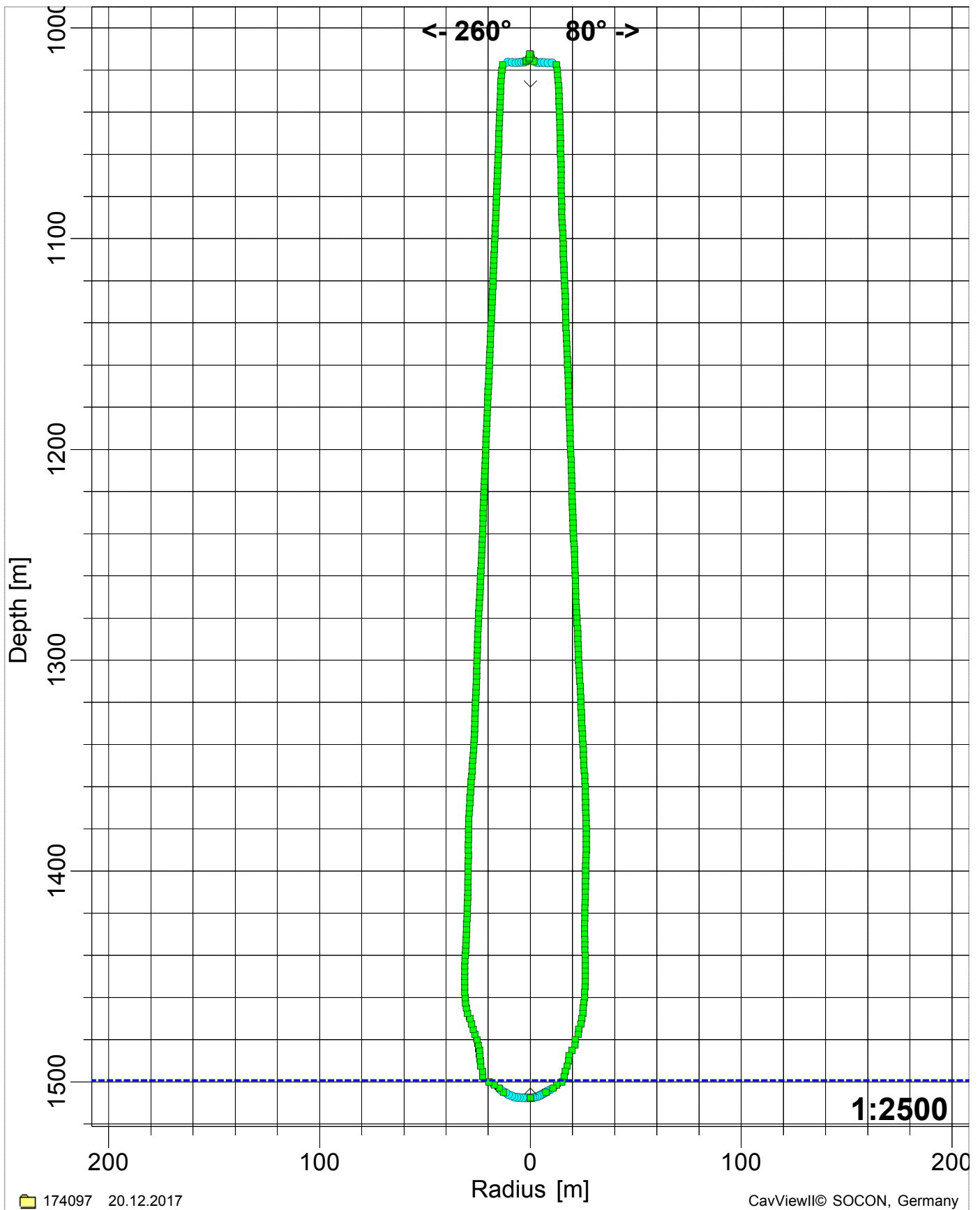
20.12.2017



 10 3/4" : 981.0 m  (10.06.2016)	 Interface 1499.3 m  (20.12.2017)	 (19.05.2014)  Tilting position
---	--	--

Heiligerlee K

20.12.2017



10 3/4" : 981.0 m

--- Interface 1499.3 m

--- (19.05.2014)

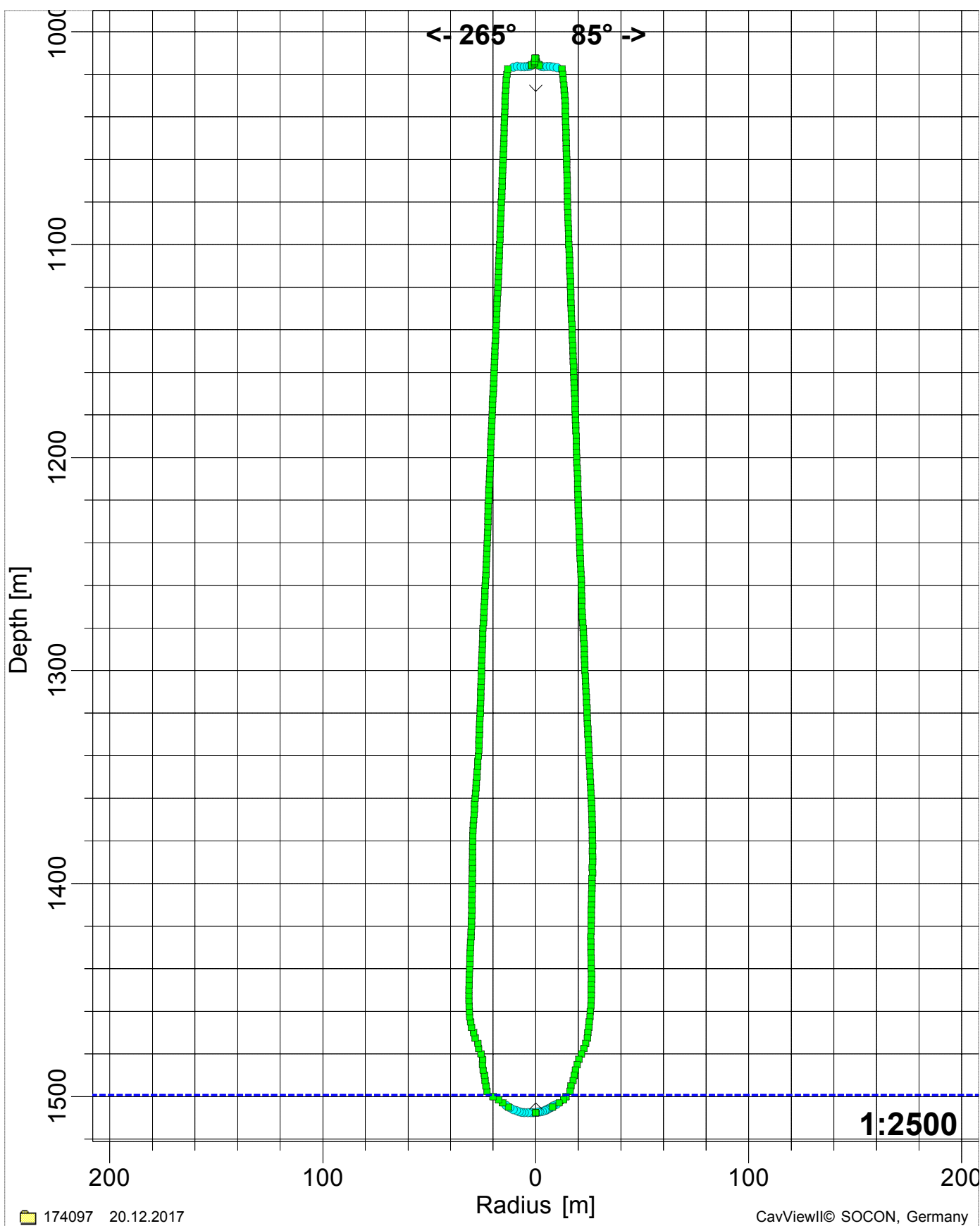
... (10.06.2016)

--- (20.12.2017)

∨ ∧ Tilting position

Heiligerlee K

20.12.2017



10 3/4" : 981.0 m

--- Interface 1499.3 m

--- (19.05.2014)

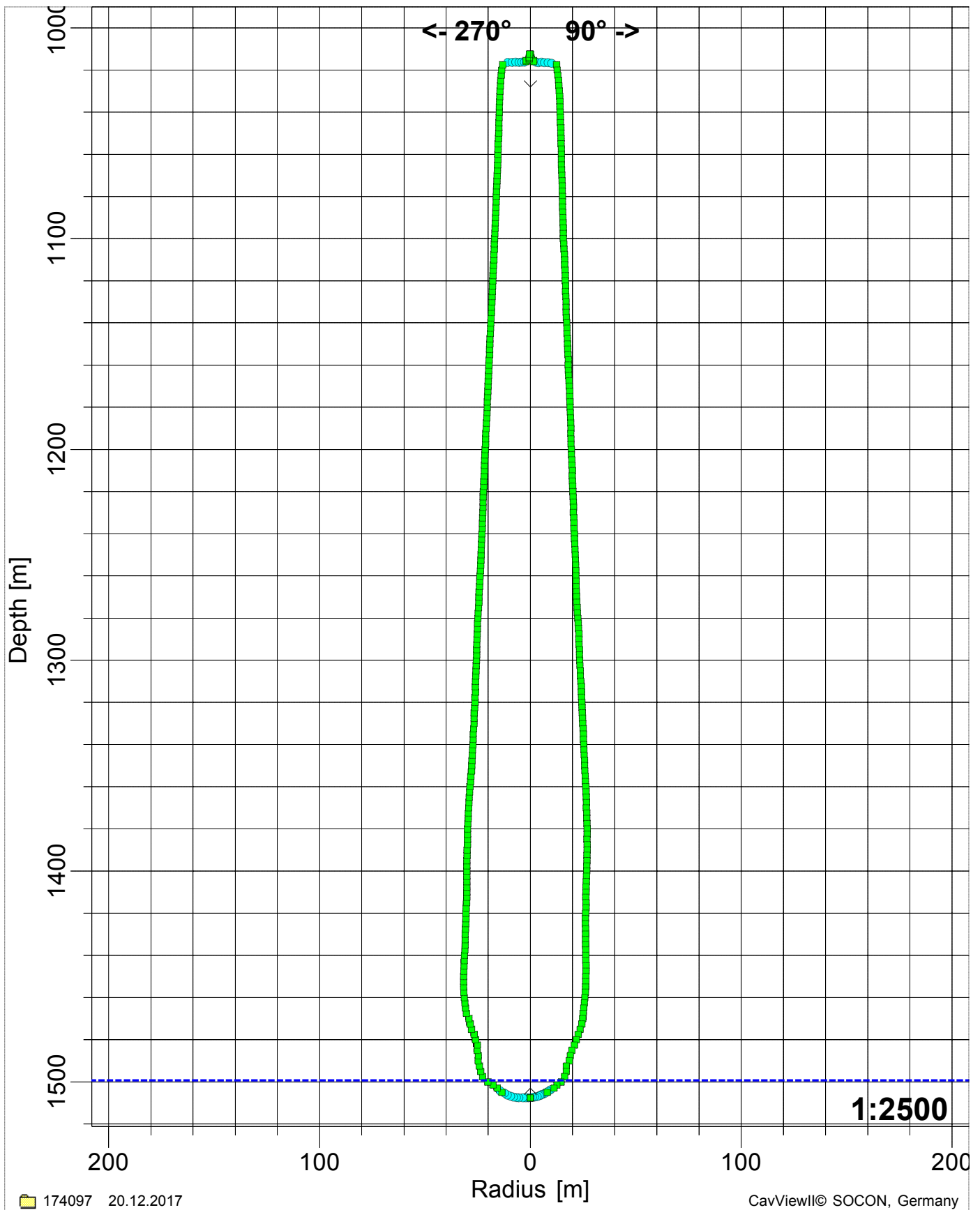
... (10.06.2016)

— (20.12.2017)

∨ ∧ Tilting position

Heiligerlee K

20.12.2017



10 3/4" : 981.0 m

--- Interface 1499.3 m

--- (19.05.2014)

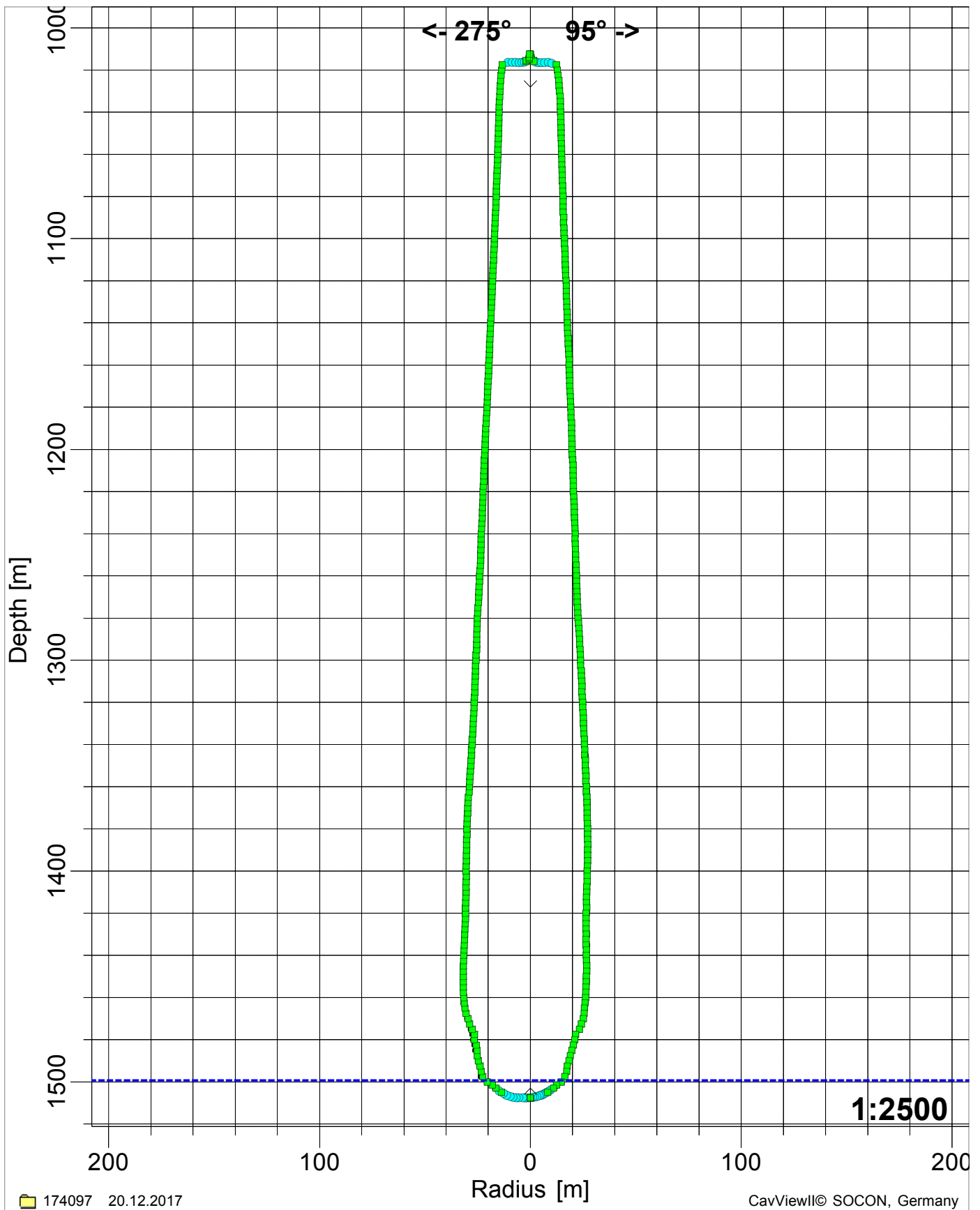
... (10.06.2016)

— (20.12.2017)

∨ ^ Tilting position

Heiligerlee K

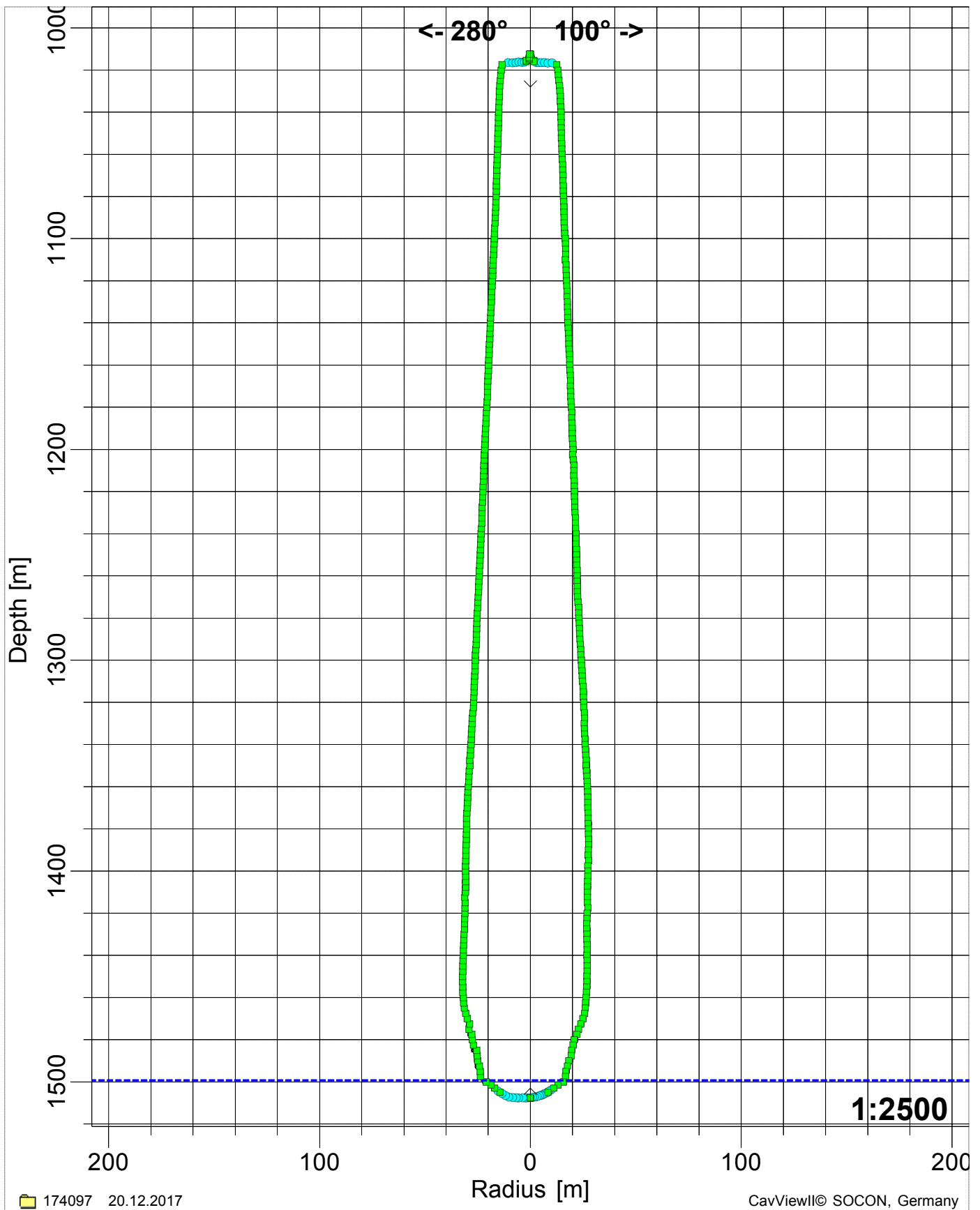
20.12.2017



 10 3/4" : 981.0 m  (10.06.2016)	 Interface 1499.3 m  (20.12.2017)	 (19.05.2014)  Tilting position
---	--	--

Heiligerlee K

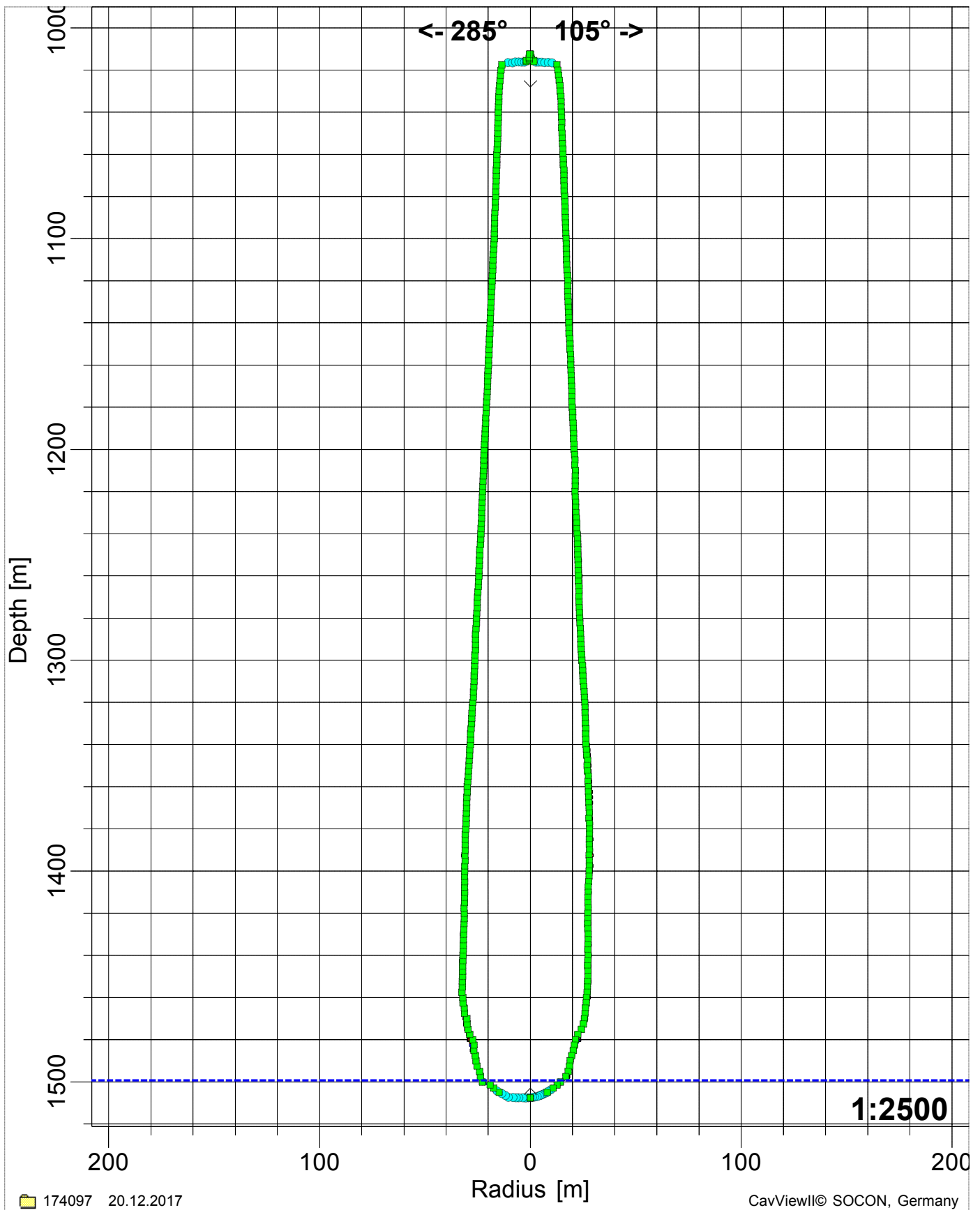
20.12.2017



 10 3/4" : 981.0 m  (10.06.2016)	 Interface 1499.3 m  (20.12.2017)	 (19.05.2014)  Tilting position
---	--	--

Heiligerlee K

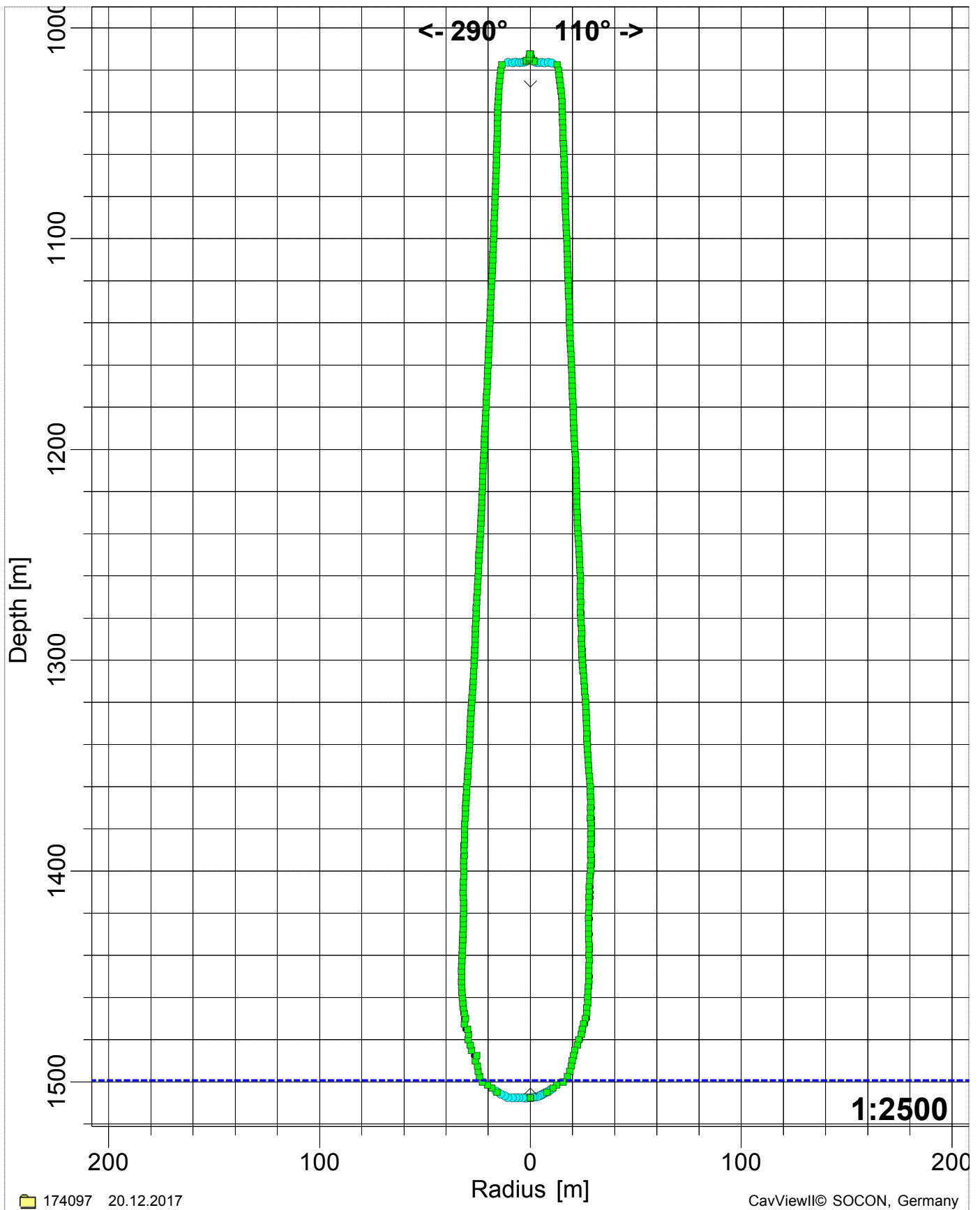
20.12.2017



 10 3/4" : 981.0 m  (10.06.2016)	 Interface 1499.3 m  (20.12.2017)	 (19.05.2014)  Tilting position
---	--	--

Heiligerlee K

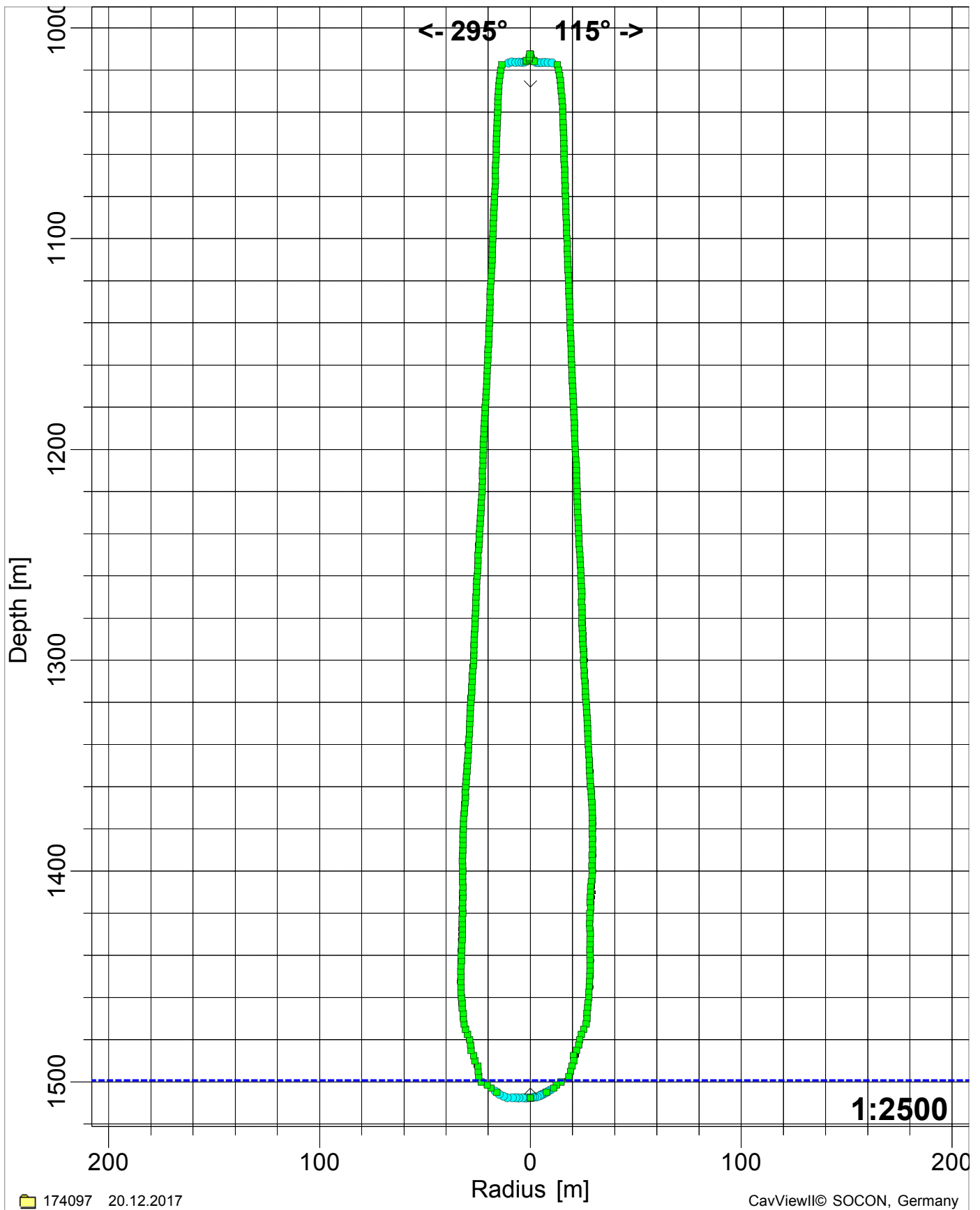
20.12.2017



▲ 10 3/4" : 981.0 m	--- Interface 1499.3 m	--- (19.05.2014)
.... (10.06.2016)	--- (20.12.2017)	∨ ^ Tilting position

Heiligerlee K

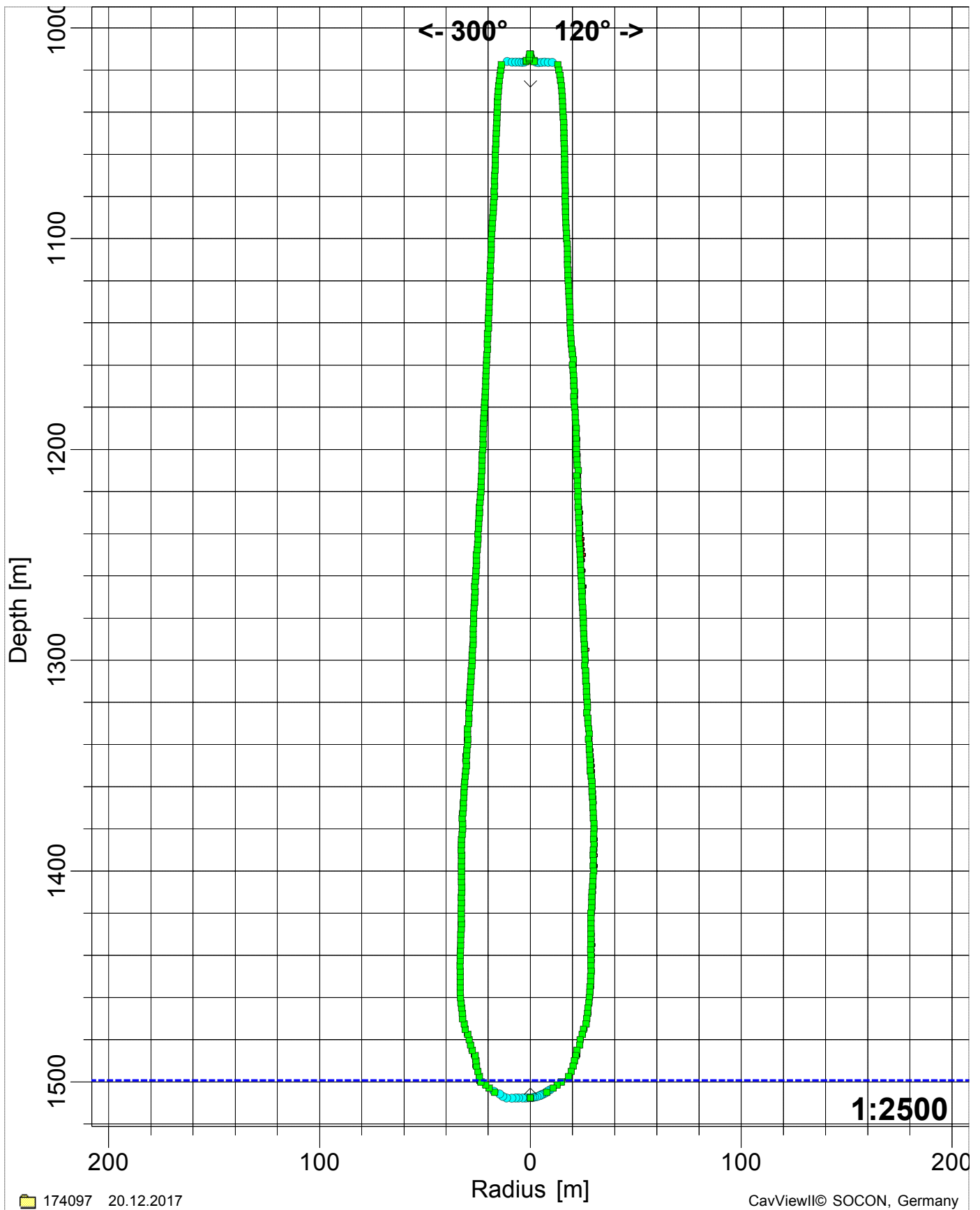
20.12.2017



10 3/4" : 981.0 m	Interface 1499.3 m	(19.05.2014)
(10.06.2016)	(20.12.2017)	∨ ^ Tilting position

Heiligerlee K

20.12.2017



174097 20.12.2017

10 3/4" : 981.0 m

--- Interface 1499.3 m

--- (19.05.2014)

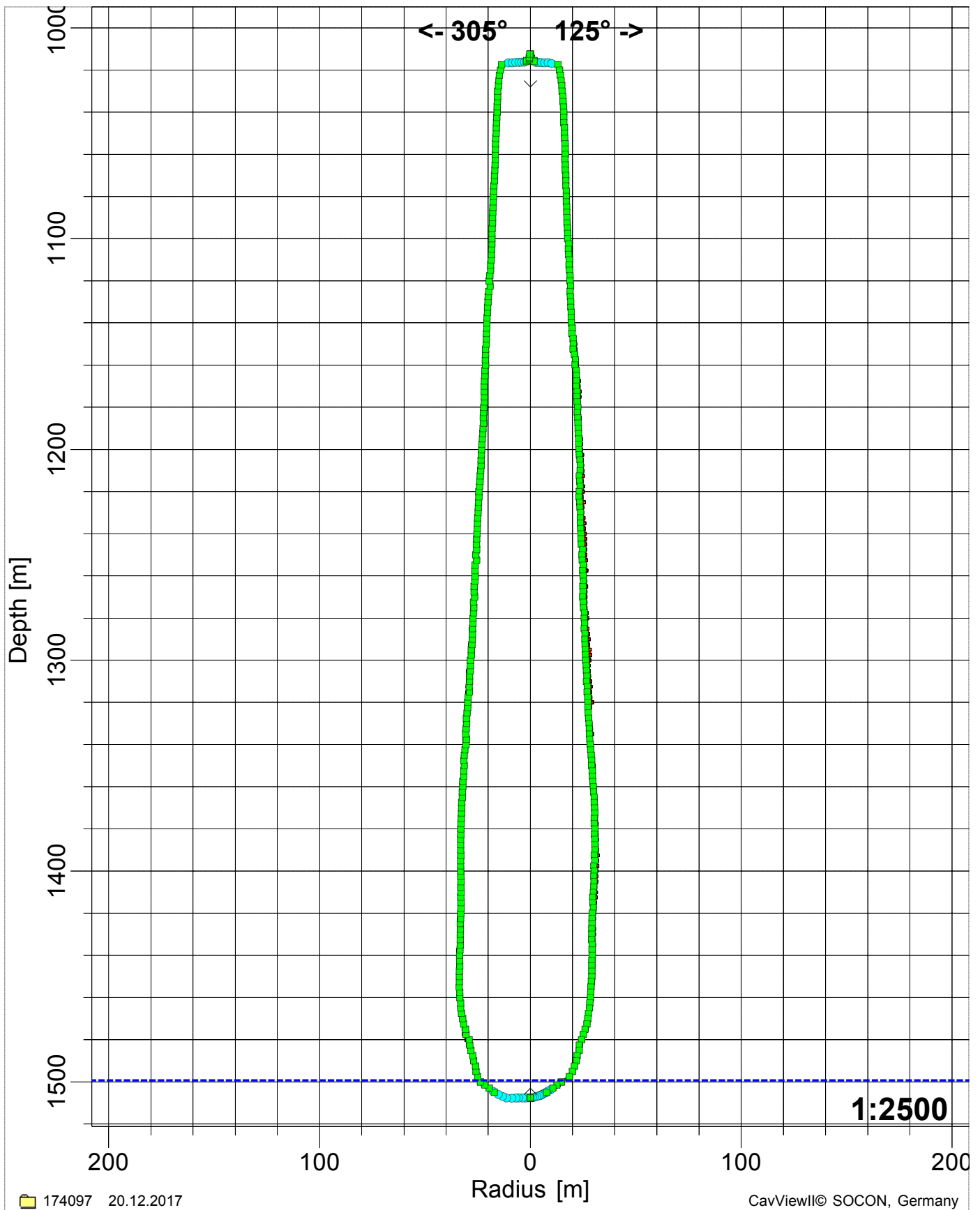
... (10.06.2016)

— (20.12.2017)

∨ ∧ Tilting position

Heiligerlee K

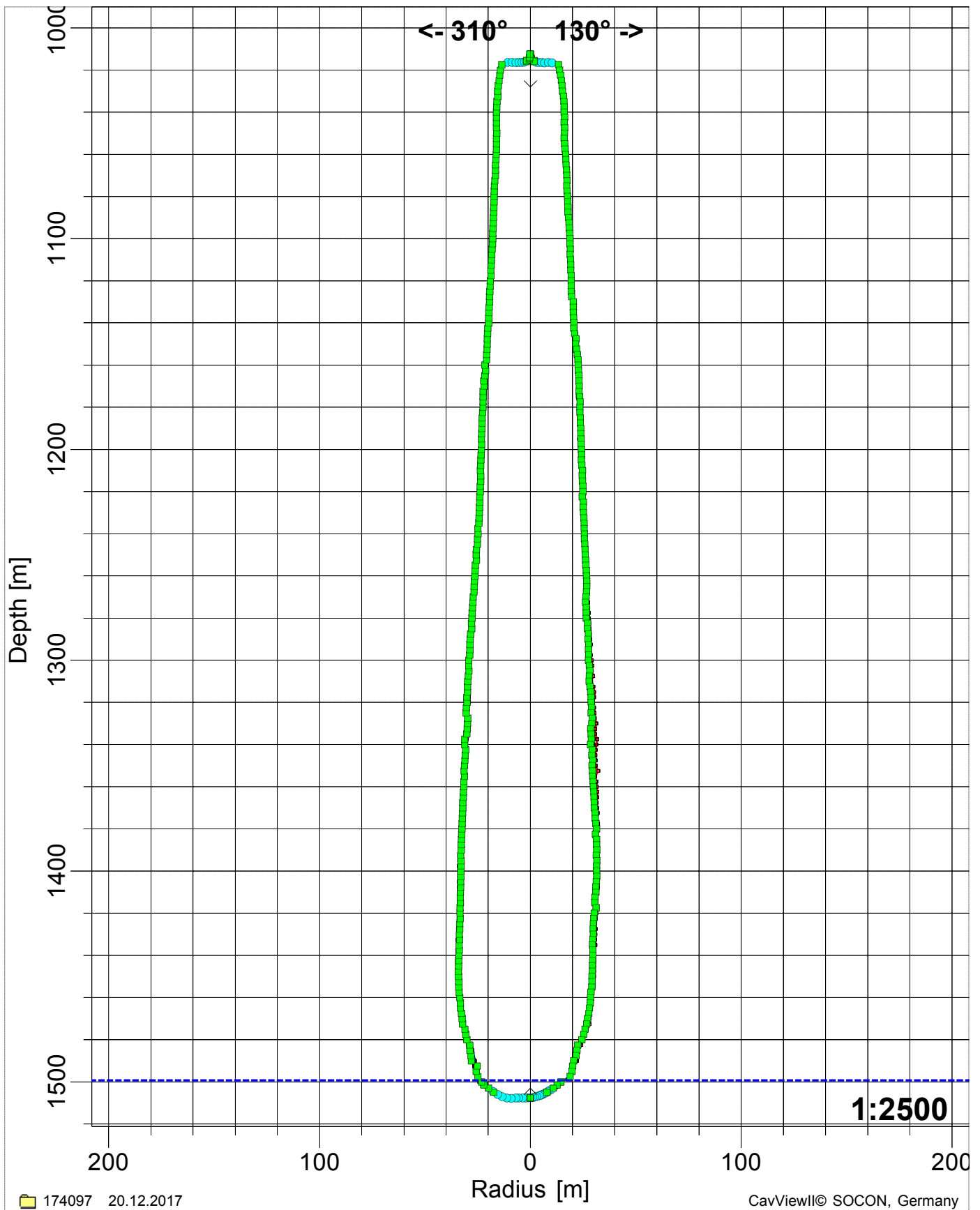
20.12.2017



 10 3/4" : 981.0 m  (10.06.2016)	 Interface 1499.3 m  (20.12.2017)	 (19.05.2014)  Tilting position
---	--	--

Heiligerlee K

20.12.2017



10 3/4" : 981.0 m

--- Interface 1499.3 m

--- (19.05.2014)

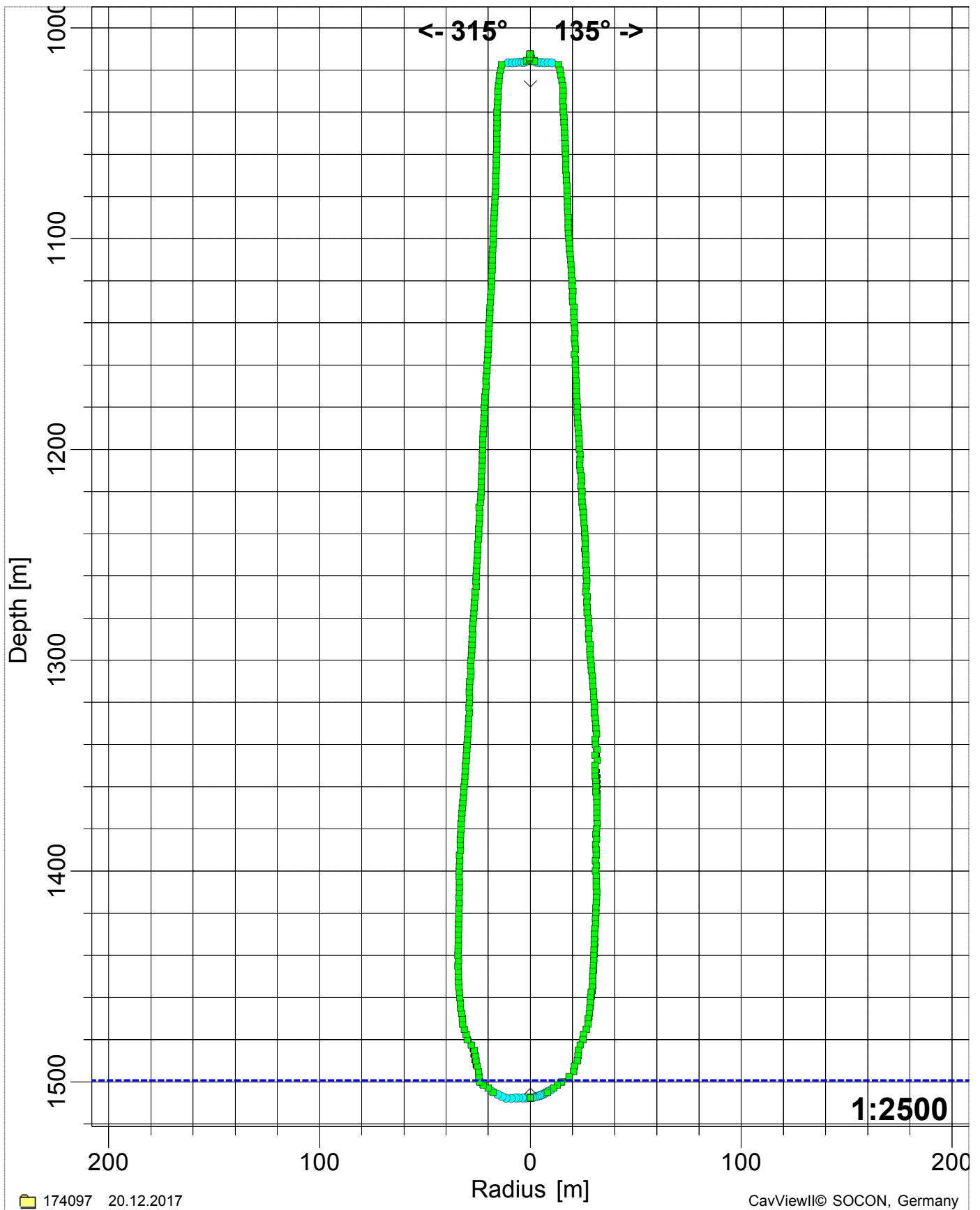
... (10.06.2016)

— (20.12.2017)

∨ ∧ Tilting position

Heiligerlee K

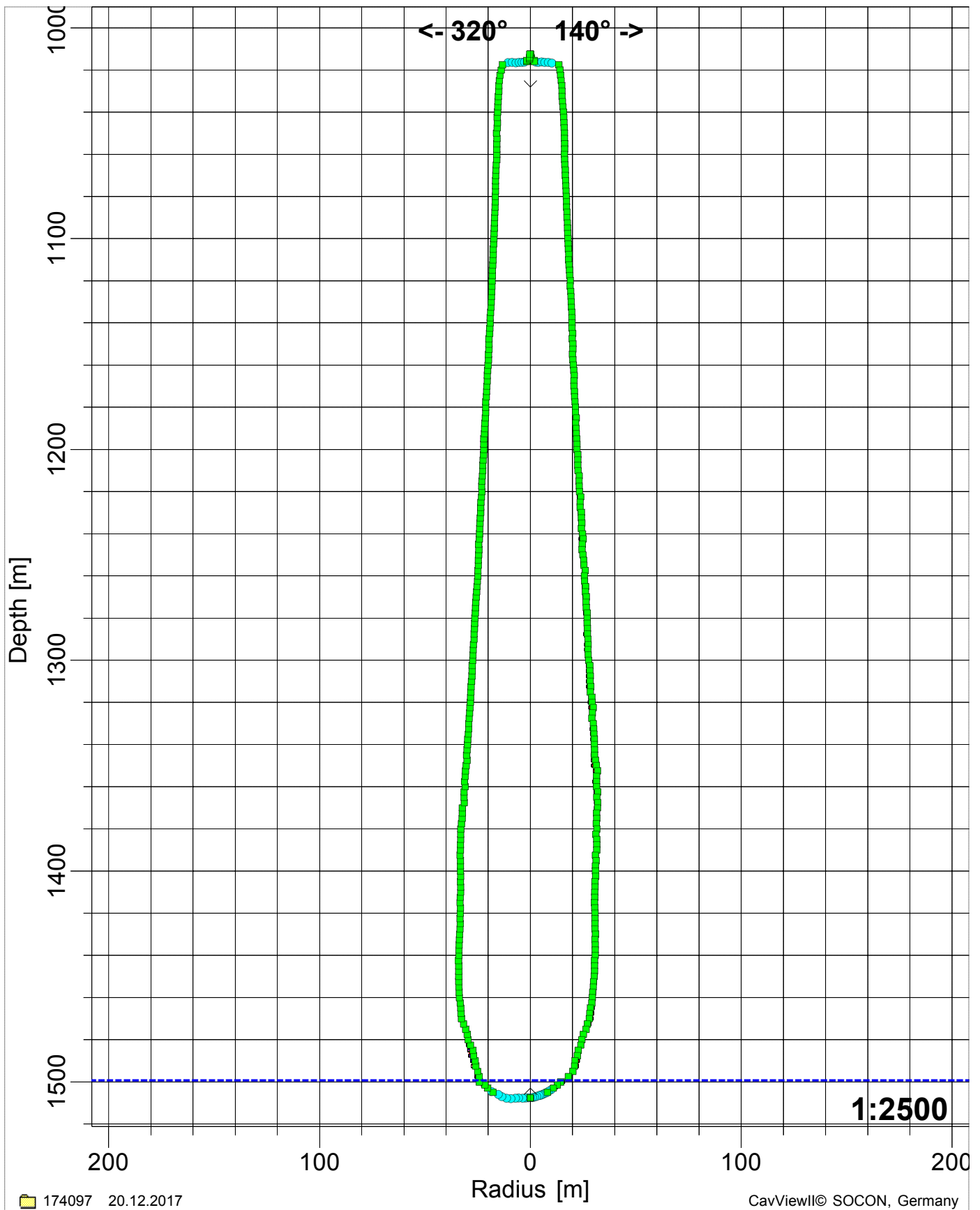
20.12.2017



 10 3/4" : 981.0 m  (10.06.2016)	 Interface 1499.3 m  (20.12.2017)	 (19.05.2014)  Tilting position
---	--	--

Heiligerlee K

20.12.2017



174097 20.12.2017

10 3/4" : 981.0 m

--- Interface 1499.3 m

--- (19.05.2014)

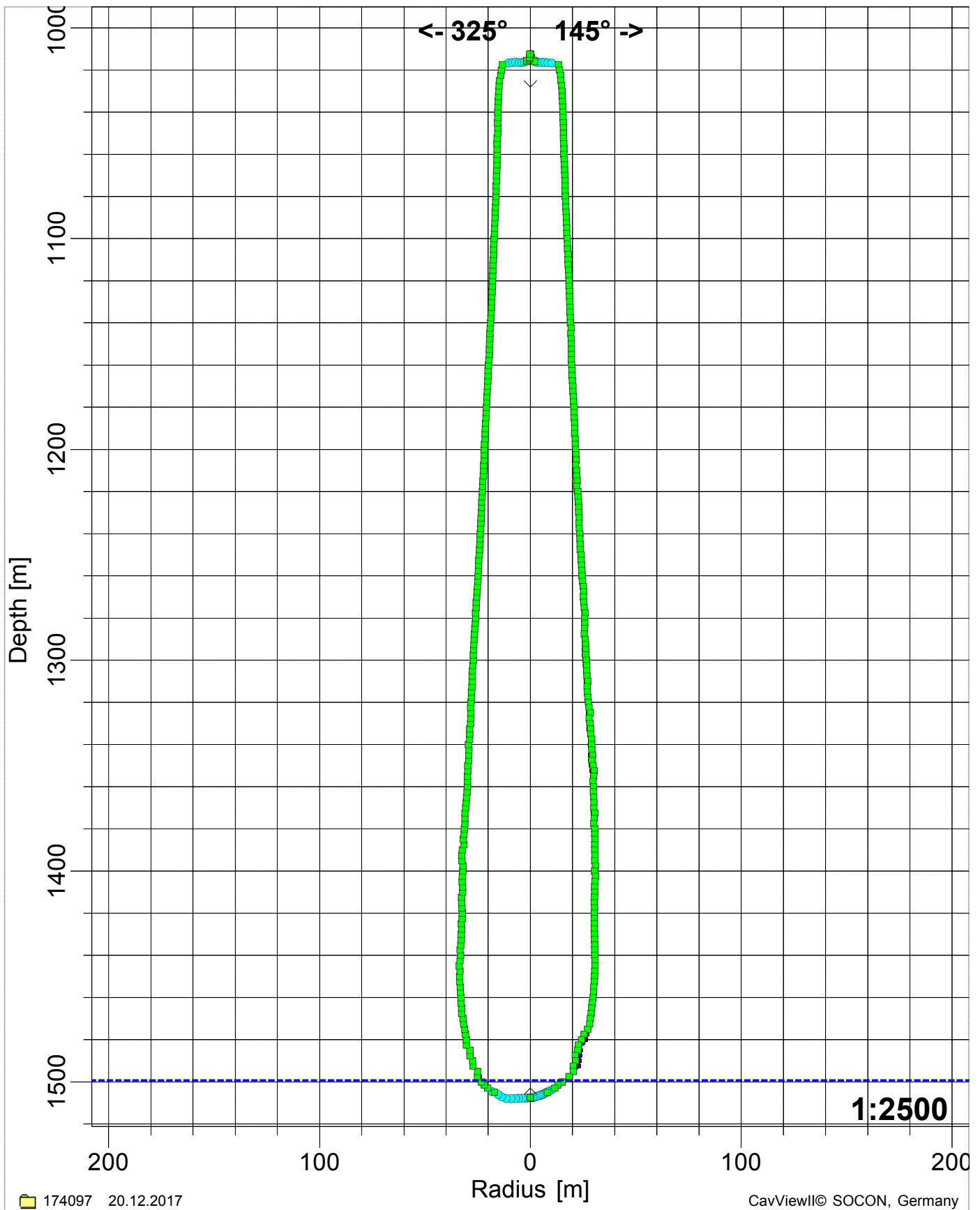
... (10.06.2016)

— (20.12.2017)

∨ ∧ Tilting position

Heiligerlee K

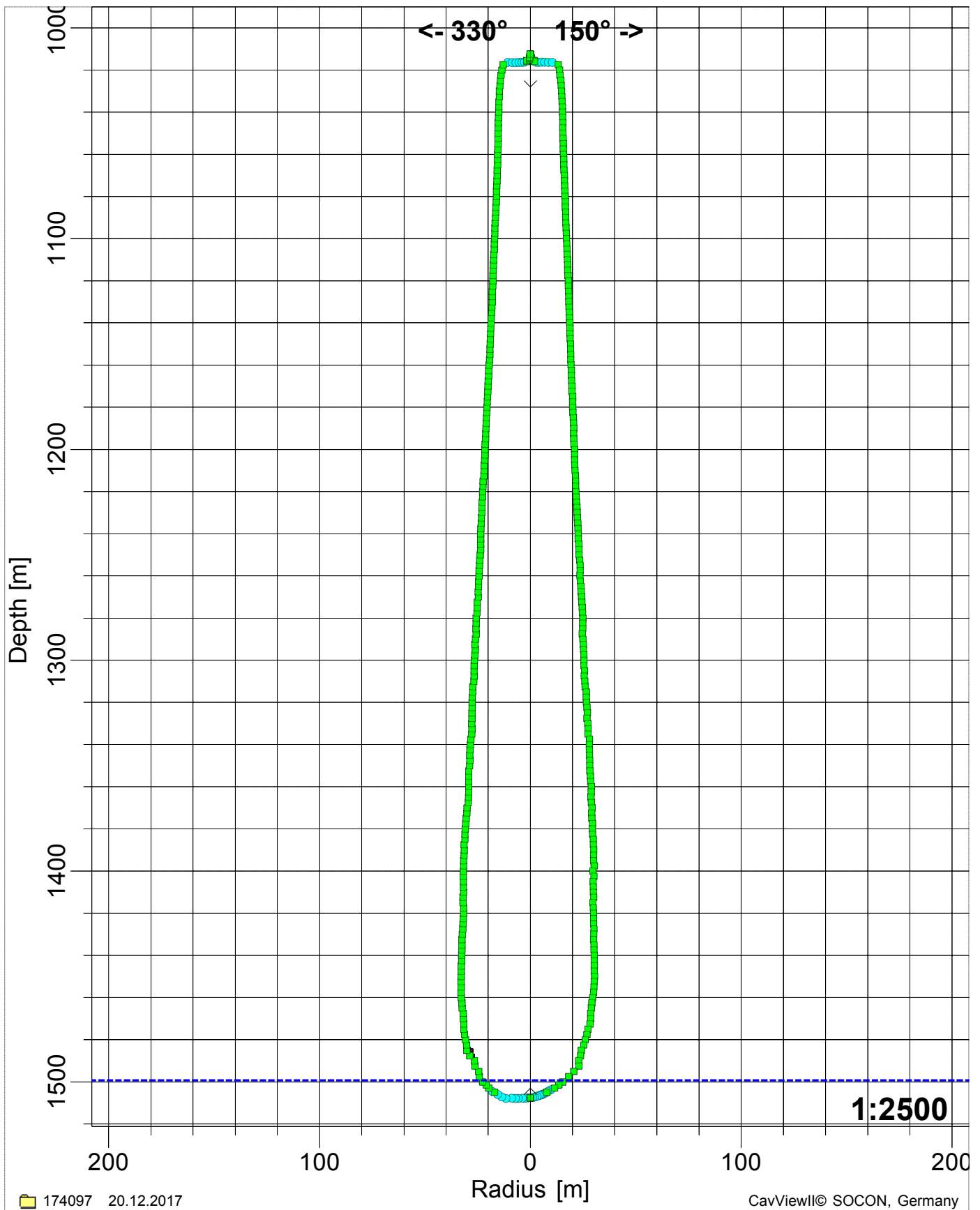
20.12.2017



 10 3/4" : 981.0 m  (10.06.2016)	 Interface 1499.3 m  (20.12.2017)	 (19.05.2014)  Tilting position
---	--	--

Heiligerlee K

20.12.2017



174097 20.12.2017

10 3/4" : 981.0 m

--- Interface 1499.3 m

--- (19.05.2014)

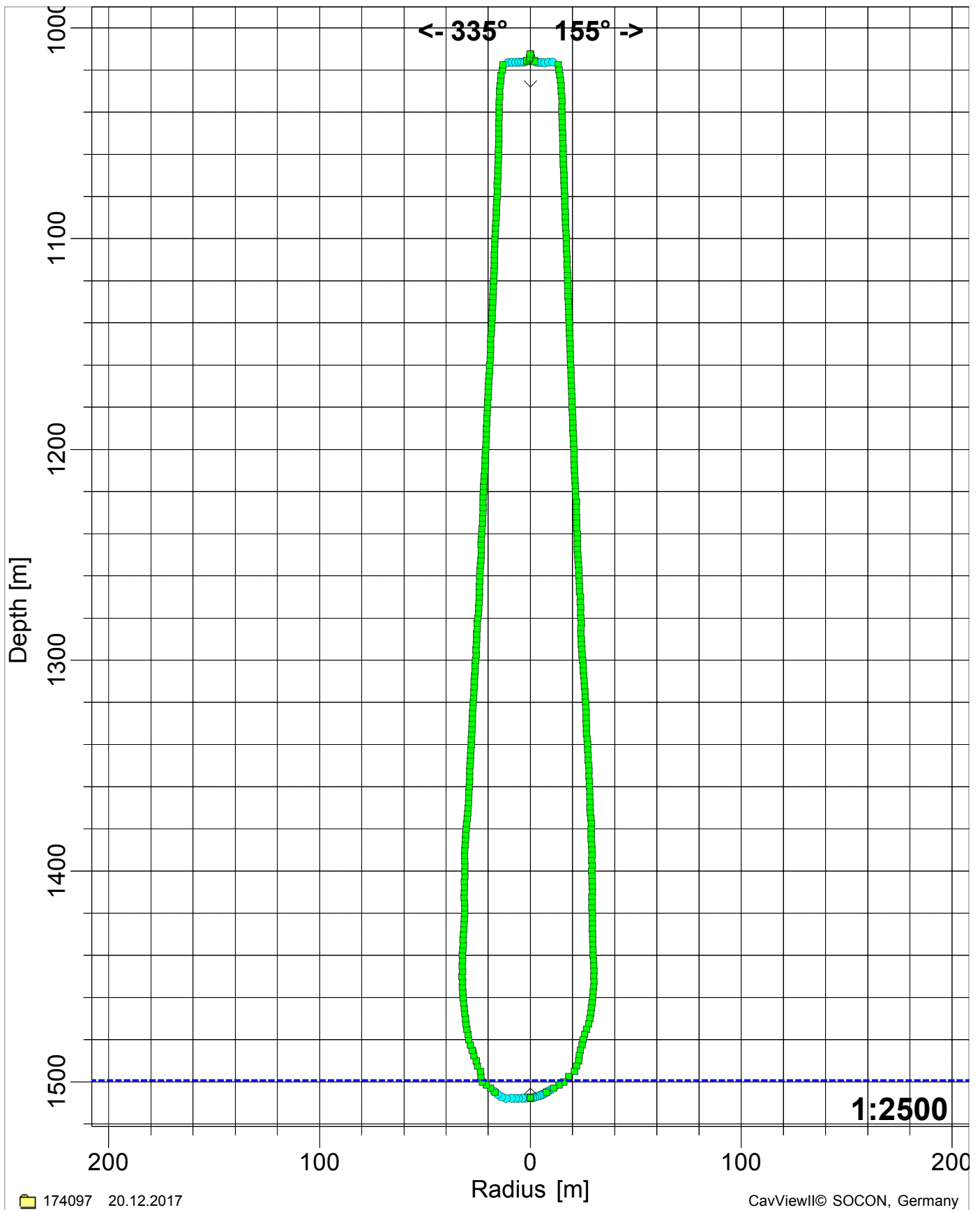
... (10.06.2016)

— (20.12.2017)

∨ ∧ Tilting position

Heiligerlee K

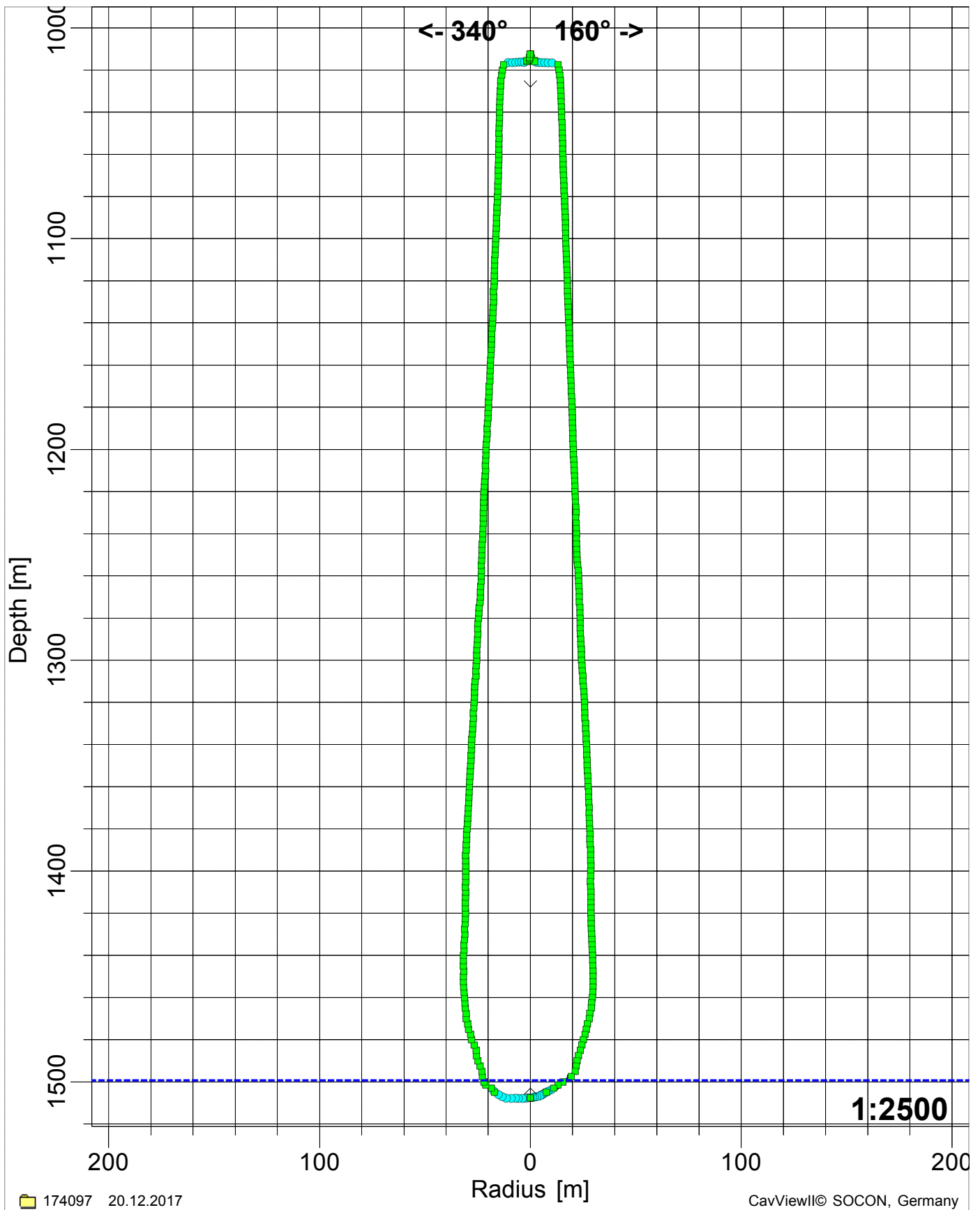
20.12.2017



▲ 10 3/4" : 981.0 m	--- Interface 1499.3 m	--- (19.05.2014)
... (10.06.2016)	— (20.12.2017)	∨ ^ Tilting position

Heiligerlee K

20.12.2017



10 3/4" : 981.0 m

--- Interface 1499.3 m

--- (19.05.2014)

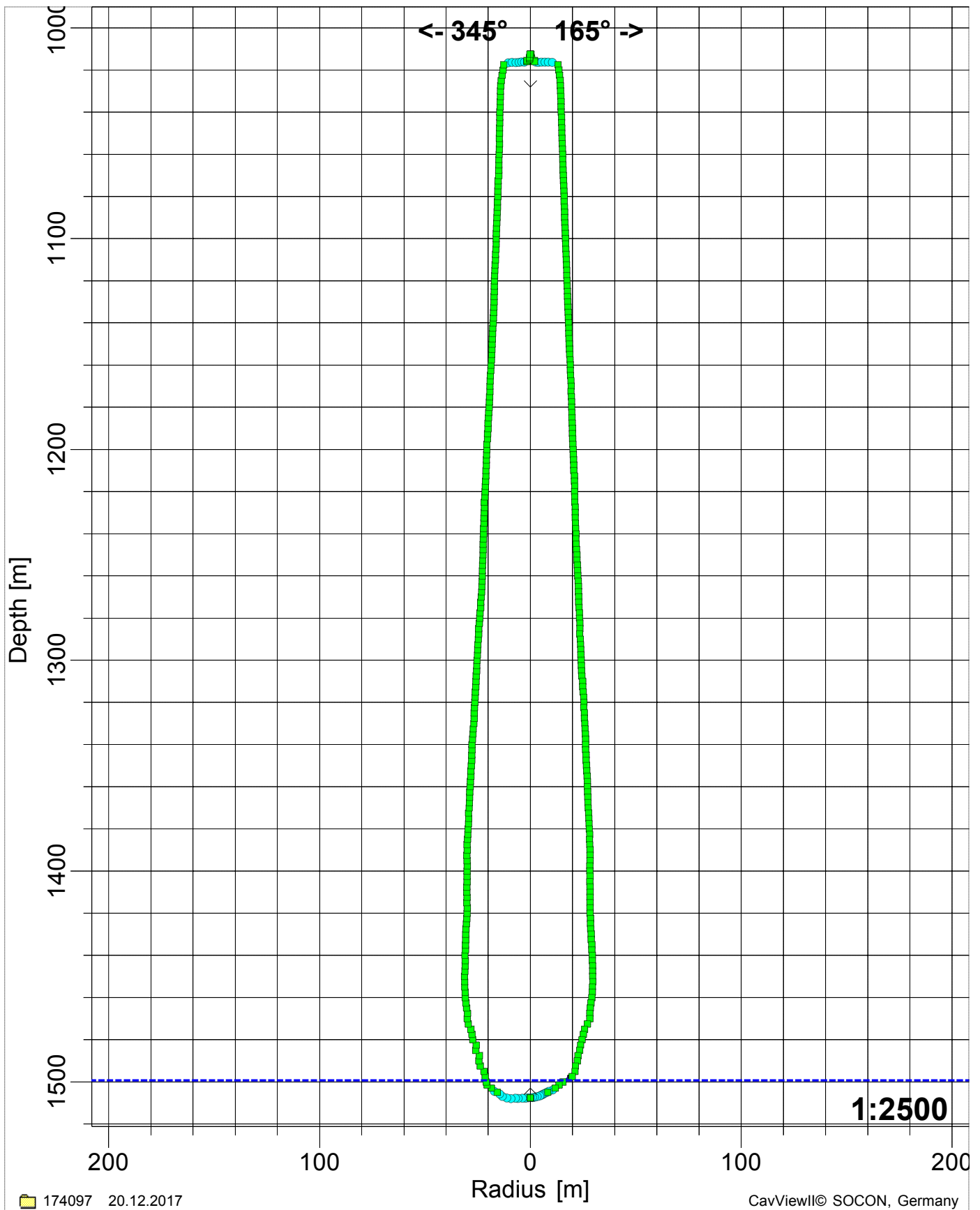
... (10.06.2016)

— (20.12.2017)

∨ ^ Tilting position

Heiligerlee K

20.12.2017



174097 20.12.2017

10 3/4" : 981.0 m

--- Interface 1499.3 m

--- (19.05.2014)

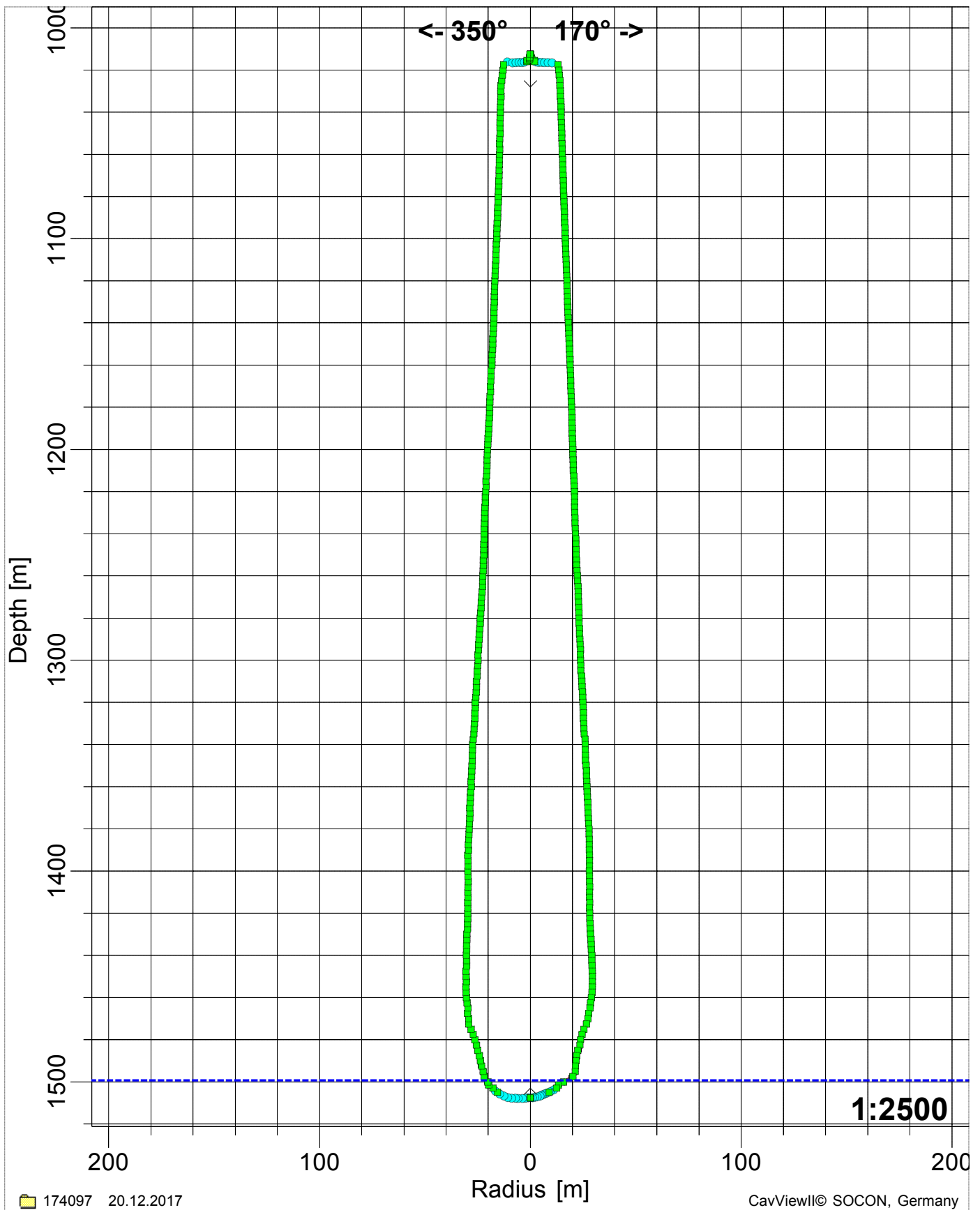
... (10.06.2016)

■ (20.12.2017)

∨ ∧ Tilting position

Heiligerlee K

20.12.2017



174097 20.12.2017

10 3/4" : 981.0 m

--- Interface 1499.3 m

--- (19.05.2014)

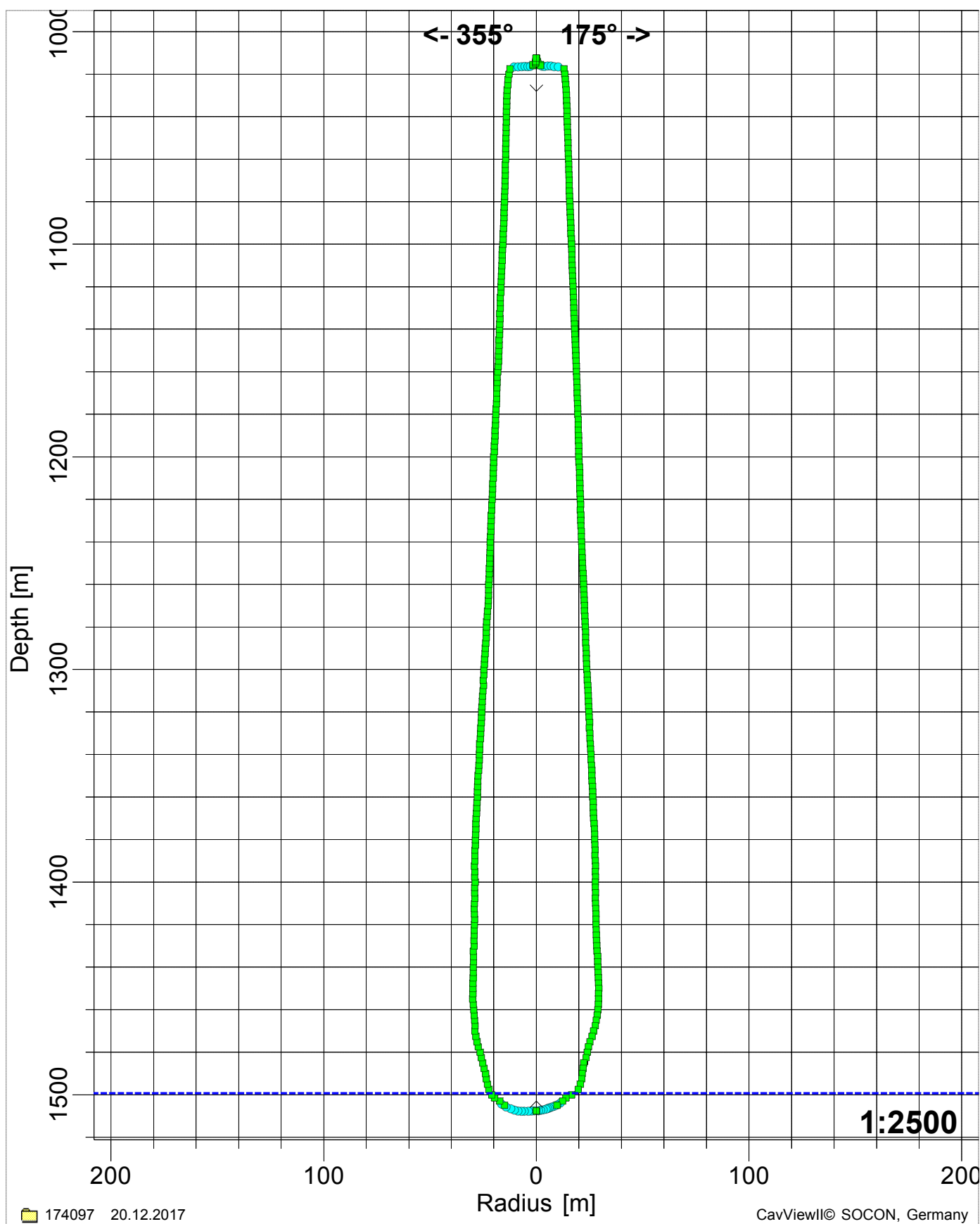
... (10.06.2016)

— (20.12.2017)

∨ ∧ Tilting position

Heiligerlee K

20.12.2017



174097 20.12.2017

10 3/4" : 981.0 m

--- Interface 1499.3 m

--- (19.05.2014)

... (10.06.2016)

■ (20.12.2017)

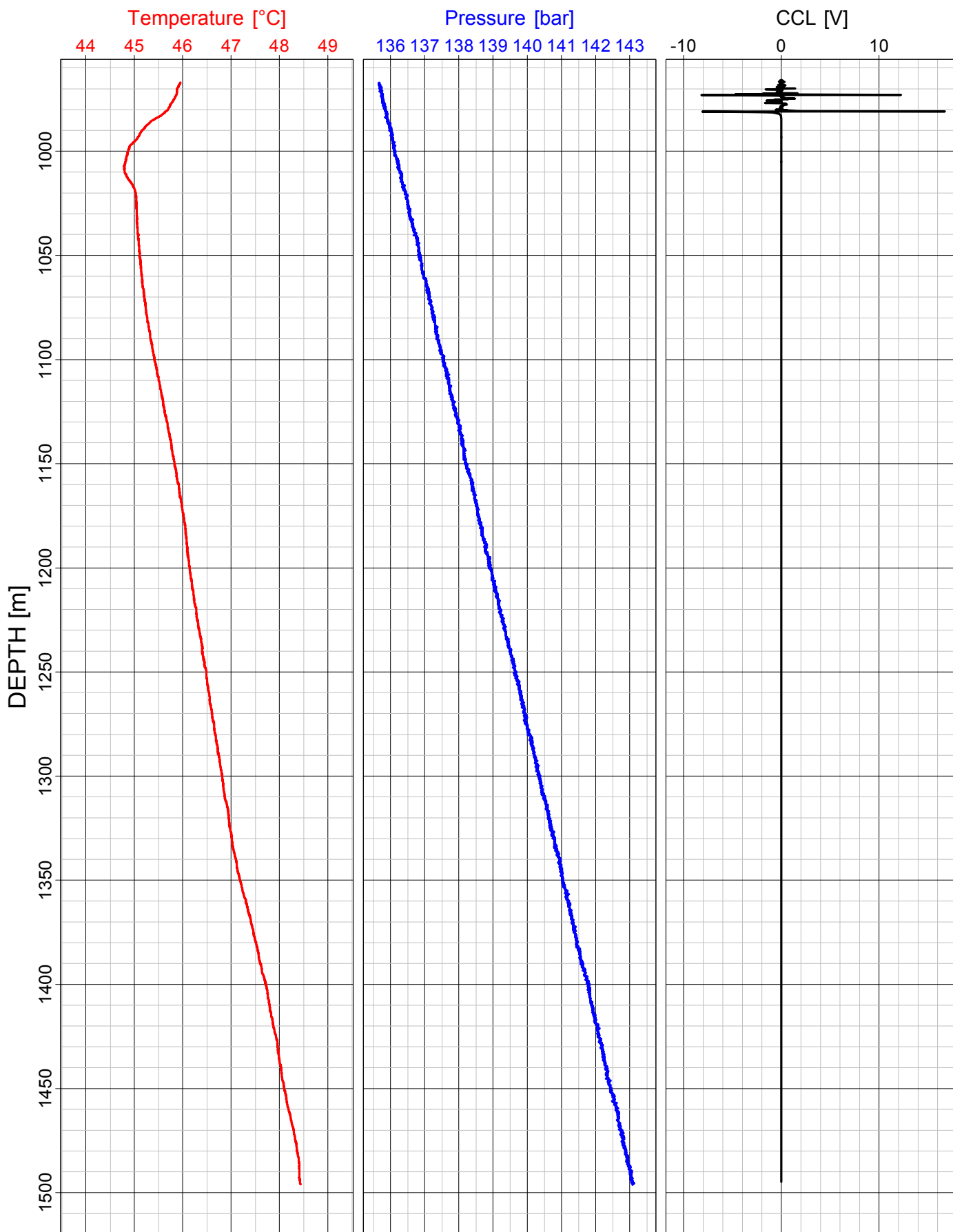
∨ ∧ Tilting position

Heiligerlee K

1:2500

20.12.2017

CS 10 3/4 " at 981.0 m (MD)



Heiligerlee K

1:500

20.12.2017

CS 10 3/4 " at 981.0 m (MD)

