

Indoor PLC measuring point data

Building number	Measuring point number	MP-Distance to the modem X-value [m]	MP-Distance to the modem Y-value [m]	MP-Distance to the modem Z-value [m]	MP-Distance to the modem Z-value with antenna [m]	MP-Distance to the modem [m]	MP-Distance to the modem with antenna [m]	MP-Distance to the reference X-value [m]	MP-Distance to the reference Y-value [m]	MP-Distance to the reference Z-value [m]	Distance within the outdoor range [m]
0	0	0	0	0	0	0	0.0	-6.3	-5.9	10.8	
0	1	0	-1	-1	0.4	1.4	1.1	-6.3	-6.9	9.8	
0	2	0	-3	-1	0.4	3.2	3.0	-6.3	-8.9	9.8	
0	3	-3.2	-2	-1	0.4	3.9	3.8	-9.5	-7.9	9.8	
0	4	-5.7	-1	-1	0.4	5.9	5.8	-12	-6.9	9.8	
0	5	-7.4	-3.1	-1	0.4	8.1	8.0	-13.7	-9	9.8	
0	6	-6.9	3.9	-1	0.4	8.0	7.9	-13.2	-2	9.8	
0	7	-3.7	0.9	-1	0.4	3.9	3.8	-10	-5	9.8	
0	8	-0.7	3.9	-1	0.4	4.1	4.0	-7	-2	9.8	
0	9	3.9	3.3	-1	0.4	5.2	5.1	-2.4	-2.6	9.8	
0	10	2.2	1.9	-1	0.4	3.1	2.9	-4.1	-4	9.8	
0	11	4.3	-1.3	-1	0.4	4.6	4.5	-2	-7.2	9.8	
0	12	-3.4	3.1	-2.8	-1.4	5.4	4.8	-9.7	-3.8	7	
0	13	-2.5	2.9	-1	0.4	4.0	3.8	-8.8	-3	9.8	
0	14	-7.4	0.9	-1	0.4	7.5	7.5	-13.7	-5	9.8	
0	15	-3.4	3.1	-5.6	-4.2	7.2	6.2	-9.7	-3.8	4.2	
0	16	-3.4	5.1	-8.4	-7	10.4	9.3	-9.7	-3.8	1.4	
0	20	-10.5	0	0	0	10.5	10.5	-5	3	0	3
0	21	-19	11.5	0	0	22.2	22.2	-5	10	0	10
0	23	11.6	-20.1	0	0	23.2	23.2	3	-6	0	3
0	24	-11	7.1	0	0	13.1	13.1	10	-2.4	0	10
0	25	-5.1	21.2	0	0	21.8	21.8	20	-2.4	0	20
0	26	-12.6	-27.1	0	0	29.9	29.9	0	-20	0	10
0	27	6.3	-24.1	-10.8	-10.8	27.2	27.2	0	-30	0	20
0	28	0.3	-6.1	-9.8	-9.8	11.5	11.5	-6	-13	0	3
1	0	0	0	0	0	0	0.0	-6.7	-10	2.7	
1	1	-2.5	-2.4	0	1.4	3.5	3.7	-9.2	-12.4	2.7	
1	2	-0.7	-0.7	0	1.4	1.0	1.7	-7.4	-10.7	2.7	
1	3	-2.6	2	-2.7	-1.3	4.2	3.5	-9.3	-8	0	
1	4	-4	-3.1	0	1.4	5.1	5.3	-10.7	-13.1	2.7	
1	5	-2.6	-6.2	0	1.4	6.7	6.9	-9.3	-16.2	2.7	
1	6	0.9	-6.2	0	1.4	6.3	6.4	-5.8	-16.2	2.7	
1	7	1.4	-3.5	0	1.4	3.8	4.0	-5.3	-13.5	2.7	
1	8	5.8	-6.2	0	1.4	8.5	8.6	-0.9	-16.2	2.7	
1	9	5.7	-2.6	0	1.4	6.3	6.4	-1	-12.6	2.7	
1	11	0.7	1	0	1.4	1.2	1.9	-6	-9	2.7	
1	12	0.7	1	2.7	4.1	3.0	4.3	-6	-9	5.4	
1	20	-10.3	1.2	-2.7	-1.3	10.7	10.5	-17	-8.8	0	3
1	21	-10.3	-3.8	-2.7	-1.3	11.3	11.1	-17	-13.8	0	3
1	22	-15.4	38.1	-2.7	-2.7	41.2	41.2	-22.1	28.1	0	20
1	23	-17.3	-3.8	-2.7	-2.7	17.9	17.9	-24	-13.8	0	10
1	24	16.7	10	-2.7	-2.7	19.7	19.7	10	0	0	10
1	25	9.7	5.2	-2.7	-1.3	11.3	11.1	3	-4.8	0	3
1	26	14.5	-10	-2.7	-2.7	17.8	17.8	7.8	-20	0	20
1	27	4.7	20	-2.7	-2.7	20.7	20.7	-2	10	0	10
2	0	0	0	0	0	0	0.0	4.4	4.8	8	
2	1	1.7	-1.7	-1	0.4	2.6	2.4	6.1	3.1	7	

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2	2	-1.1	-3.2	-1	0.4	3.5	3.4	3.3	1.6	7	
2	3	0.7	-0.7	-1	0.4	1.4	1.1	5.1	4.1	7	
2	4	-2.2	0.7	-1	0.4	2.5	2.3	2.2	5.5	7	
2	5	-1	4.4	-1	0.4	4.6	4.5	3.4	9.2	7	
2	6	1.3	2.9	-1	0.4	3.3	3.2	5.7	7.7	7	
2	7	2.8	4.7	-1	0.4	5.6	5.5	7.2	9.5	7	
2	8	4.4	7.3	-1	0.4	8.6	8.5	8.8	12.1	7	
2	9	4.4	7.3	-3.8	-2.4	9.3	8.9	8.8	12.1	4.2	
2	10	4.4	7.3	-6.6	-5.2	10.8	10.0	8.8	12.1	1.4	
2	20	4.6	10.3	-8	-6.6	13.8	13.1	9	15.1	0	3
2	21	-14.4	-1.3	-8	-8	16.5	16.5	-10	3.5	0	10
2	22	-4.4	-14.8	-8	-8	17.4	17.4	0	-10	0	10
2	23	5.6	-14.8	-8	-8	17.7	17.7	10	-10	0	10
2	24	-14.4	-22.1	-8	-8	27.6	27.6	-10	-17.3	0	20
2	25	-1.9	-7.8	-8	-6.6	11.3	10.4	2.5	-3	0	3
2	26	-24.4	4.3	-8	-8	26.0	26.0	-20	9.1	0	20
3	0	0	0	0	0	0	0.0	3.8	-5.5	3.2	
3	1	-1.7	-1.7	0	1.4	2.4	2.8	2.1	-7.2	3.2	
3	2	-1	0	0	1.4	1.0	1.7	2.8	-5.5	3.2	
3	3	-2.5	0.7	0	1.4	2.6	2.9	1.3	-4.8	3.2	
3	4	-2.4	-4.1	0	1.4	4.8	5.0	1.4	-9.6	3.2	
3	5	-2.5	4	0	1.4	4.7	4.9	1.3	-1.5	3.2	
3	6	10	0.7	0	1.4	10.0	10.1	13.8	-4.8	3.2	
3	7	0.6	2.7	0	1.4	2.8	3.1	4.4	-2.8	3.2	
3	8	1.6	-4.1	0	1.4	4.4	4.6	5.4	-9.6	3.2	
3	9	5	-4.1	0	1.4	6.5	6.6	8.8	-9.6	3.2	
3	10	6.7	-1.2	0	1.4	6.8	6.9	10.5	-6.7	3.2	
3	11	5.7	2.7	0	1.4	6.3	6.5	9.5	-2.8	3.2	
3	12	5.5	0.7	0	1.4	5.5	5.7	9.3	-4.8	3.2	
3	13	3.2	4.1	-2.4	-1	5.7	5.3	7	-1.4	0.8	
3	20	3.6	8.5	-3.2	-1.8	9.8	9.4	7.4	3	0	3
3	21	3.6	15.5	-3.2	-3.2	16.2	16.2	7.4	10	0	10
3	22	3.6	25.5	-3.2	-3.2	26.0	26.0	7.4	20	0	20
3	23	-13.8	5.5	-3.2	-3.2	15.2	15.2	-10	0	0	10
3	24	-6.8	1	-3.2	-1.8	7.6	7.1	-3	-4.5	0	3
3	25	-6.8	-5.5	-3.2	-1.8	9.3	8.9	-3	-11	0	3
3	26	-7.3	-15	-3.2	-3.2	17.0	17.0	-3.5	-20.5	0	10
3	27	-17.9	19.6	-3.2	-3.2	26.7	26.7	-14.1	14.1	0	20
4	0	0	0	0	0	0	0.0	-14.1	-6.5	2.7	
4	1	2.5	-1.5	0	1.4	2.9	3.2	-11.6	-8	2.7	
4	2	1	-0.5	0	1.4	1.1	1.8	-13.1	-7	2.7	
4	3	1	-3.8	0	1.4	3.9	4.2	-13.1	-10.3	2.7	
4	4	3.8	-3.7	0	1.4	5.3	5.5	-10.3	-10.2	2.7	
4	5	4.4	-1.7	0	1.4	4.7	4.9	-9.7	-8.2	2.7	
4	6	8.3	-2.5	0	1.4	8.7	8.8	-5.8	-9	2.7	
4	7	6.5	-3.7	0	1.4	7.5	7.6	-7.6	-10.2	2.7	
4	8	4.4	2.1	0	1.4	4.9	5.1	-9.7	-4.4	2.7	

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4	9	4.4	1	-2.7	-1.3	5.3	4.7	-9.7	-5.5	0	
4	20	1.4	9.5	-2.7	-1.3	10.0	9.7	-12.7	3	0	3
4	21	7.1	16.5	-2.7	-2.7	18.2	18.2	-7	10	0	10
4	22	5.6	-8.5	-2.7	-1.3	10.5	10.3	-8.5	-15	0	3
4	23	0.8	-8.5	-2.7	-1.3	9.0	8.6	-13.3	-15	0	3
4	24	21.2	-12.6	-2.7	-2.7	24.8	24.8	7.1	-19.1	0	10
4	25	2.9	-25.5	-2.7	-2.7	25.8	25.8	-11.2	-32	0	20
4	26	0.8	-15.5	-2.7	-2.7	15.8	15.8	-13.3	-22	0	10
4	27	-8.9	-25.5	-2.7	-2.7	27.1	27.1	-23	-32	0	20
5	0	0	0	0	0	0.0	0.0	-4.5	-2.5	1	
5	1	-1	0	-1	0.4	1.4	1.1	-5.5	-2.5	0	
5	2	-4	-0.5	-1	0.4	4.2	4.1	-8.5	-3	0	
5	3	-4.9	1.5	-1	0.4	5.2	5.1	-9.4	-1	0	
5	4	-5.6	-1.4	-1	0.4	5.9	5.8	-10.1	-3.9	0	
5	5	-1	1.5	-1	0.4	2.1	1.8	-5.5	-1	0	
5	6	2.2	1.4	-1	0.4	2.8	2.6	-2.3	-1.1	0	
5	7	2.2	-1.7	-1	0.4	3.0	2.8	-2.3	-4.2	0	
5	8	1.9	-1.5	1.7	3.1	3.0	3.9	-2.6	-4	2.7	
5	9	-0.6	1.5	1.7	3.1	2.3	3.5	-5.1	-1	2.7	
5	10	-5.1	1.5	1.7	3.1	5.6	6.2	-9.6	-1	2.7	
5	11	-5	-2.5	1.7	3.1	5.8	6.4	-9.5	-5	2.7	
5	12	-1	-0.8	1.7	3.1	2.1	3.4	-5.5	-3.3	2.7	
5	13	3.5	1.5	1.7	3.1	4.2	4.9	-1	-1	2.7	
5	14	3	0.2	4.4	5.8	5.3	6.5	-1.5	-2.3	5.4	
5	15	2.7	-1.8	4.4	5.8	5.5	6.6	-1.8	-4.3	5.4	
5	20	7.5	-1	-1	0.4	7.6	7.6	3	-3.5	0	3
5	21	-1	5.5	-1	0.4	5.7	5.6	-5.5	3	0	3
5	22	-9.2	-7.1	-1	0.4	11.7	11.6	-13.7	-9.6	0	2
5	23	-1	12.5	-1	-1	12.6	12.6	-5.5	10	0	10
5	24	-7.5	12.5	-1	-1	14.6	14.6	-12	10	0	10
5	25	14.5	-1	-1	-1	14.6	14.6	10	-3.5	0	10
5	26	18.6	16.6	-1	-1	25.0	25.0	14.1	14.1	0	20
5	27	-7.5	5.5	-1	0.4	9.4	9.3	-12	3	0	3
6	0	0	0	0	0	0	0.0	-5.6	-6	-0.3	
6	1	-1	0	-1	0.4	1.4	1.1	-6.6	-6	-1.3	
6	2	-2.2	-1.5	-1	0.4	2.8	2.7	-7.8	-7.5	-1.3	
6	3	1.7	-0.4	-1	0.4	2.0	1.8	-3.9	-6.4	-1.3	
6	4	-4	-3.3	-1	0.4	5.3	5.2	-9.6	-9.3	-1.3	
6	5	-1.5	-3.5	-1	0.4	3.9	3.8	-7.1	-9.5	-1.3	
6	6	2	-3.5	-1	0.4	4.2	4.1	-3.6	-9.5	-1.3	
6	7	-1	3.5	0.3	1.7	3.7	4.0	-6.6	-2.5	0	
6	8	4.6	3.2	0.3	1.7	5.6	5.9	-1	-2.8	0	
6	9	-4.3	3	1.6	3	5.5	6.0	-9.9	-3	1.3	
6	10	-1.6	0.7	1.6	3	2.4	3.5	-7.2	-5.3	1.3	
6	11	1.1	2	1.6	3	2.8	3.8	-4.5	-4	1.3	
6	12	-3.1	-4.2	4.2	5.6	6.7	7.7	-8.7	-10.2	3.9	
6	13	-0.7	-0.4	-3.6	-2.2	3.7	2.3	-6.3	-6.4	-3.9	

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6	14	1.3	-4.2	-3.6	-2.2	5.7	4.9	-4.3	-10.2	-3.9	
6	20	-2.8	-8.4	-3.6	-2.2	9.6	9.1	-8.4	-14.4	-3.9	3
6	21	3	-8.4	-3.6	-2.2	9.6	9.2	-2.6	-14.4	-3.9	3
6	22	-1.4	9	0.3	1.7	9.1	9.3	-7	3	0	3
6	23	5.6	16	0.3	0.3	17.0	17.0	0	10	0	10
6	24	-5.5	16	0.3	0.3	16.9	16.9	-11.1	10	0	10
6	25	12.9	20.1	0.3	0.3	23.9	23.9	7.3	14.1	0	20
6	26	-15.3	20.1	0.3	0.3	25.3	25.3	-20.9	14.1	0	20
6	27	8.6	1.2	-0.3	1.1	8.7	8.8	3	-4.8	-0.6	3
7	0	0	0	0	0	0.0	0.0	-3	2.8	-0.5	
7	1	0	1	0	1.4	1.0	1.7	-3	3.8	-0.5	
7	2	-3	3	0	1.4	4.2	4.5	-6	5.8	-0.5	
7	3	-4.3	4	0	1.4	5.9	6.0	-7.3	6.8	-0.5	
7	4	-2.3	4.3	0	1.4	4.9	5.1	-5.3	7.1	-0.5	
7	5	-3	7.1	0.5	1.9	7.7	7.9	-6	9.9	0	
7	6	1.3	6.3	0.5	1.9	6.5	6.7	-1.7	9.1	0	
7	7	1.1	2.2	0.5	1.9	2.5	3.1	-1.9	5	0	
7	8	2	-1.3	0.5	1.9	2.4	3.0	-1	1.5	0	
7	9	-0.7	-1.8	0.5	1.9	2.0	2.7	-3.7	1	0	
7	10	1.7	6.4	3.2	4.6	7.4	8.1	-1.3	9.2	2.7	
7	11	-3	6.3	3.2	4.6	7.7	8.4	-6	9.1	2.7	
7	12	0.4	2.6	3.2	4.6	4.1	5.3	-2.6	5.4	2.7	
7	13	2	-0.8	3.2	4.6	3.9	5.1	-1	2	2.7	
7	14	-1.5	-1.8	3.2	4.6	4.0	5.2	-4.5	1	2.7	
7	15	1.5	0.9	-2.2	-0.8	2.8	1.9	-1.5	3.7	-2.7	
7	16	-2.4	0.9	-2.2	-0.8	3.4	2.7	-5.4	3.7	-2.7	
7	17	-2.2	4.3	-2.2	-0.8	5.3	4.9	-5.2	7.1	-2.7	
7	20	-8.5	8.1	0.5	1.9	11.8	11.9	-11.5	10.9	0	3
7	21	3	11.1	0.5	1.9	11.5	11.7	0	13.9	0	3
7	22	6	0.2	0.5	1.9	6.0	6.3	3	3	0	3
7	23	7.1	17.1	0.5	0.5	18.5	18.5	4.1	19.9	0	10
7	24	-18.6	22.2	0.5	0.5	29.0	29.0	-21.6	25	0	20
7	25	16	27.1	0.5	0.5	31.5	31.5	13	29.9	0	20
7	26	6	-12.3	0.5	0.5	13.7	13.7	3	-9.5	0	10
8	0	0	0	0	0	0.0	0.0	-3.9	-4.2	1	
8	1	2.6	-1.6	-1	0.4	3.2	3.1	-1.3	-5.8	0	
8	2	1	0	-1	0.4	1.4	1.1	-2.9	-4.2	0	
8	3	1	-3.9	-1	0.4	4.1	4.0	-2.9	-8.1	0	
8	4	2	3.2	-1	0.4	3.9	3.8	-1.9	-1	0	
8	5	-3.3	1.7	-1	0.4	3.8	3.7	-7.2	-2.5	0	
8	6	-5.1	2	1.6	3	5.7	6.2	-9	-2.2	2.6	
8	7	-9.2	-4.2	1.6	3	10.2	10.5	-13.1	-8.4	2.6	
8	8	-8.5	0	1.6	3	8.6	9.0	-12.4	-4.2	2.6	
8	9	-5.1	0	1.6	3	5.3	5.9	-9	-4.2	2.6	
8	10	-10.2	-2.1	4	5.4	11.2	11.7	-14.1	-6.3	5	
8	11	-10.2	-4.6	-1	0.4	11.2	11.2	-14.1	-8.8	0	
8	12	-8.8	-0.1	-1	0.4	8.9	8.8	-12.7	-4.3	0	

Indoor PLC measuring point data

Building number	Measuring point number	MP-Distance to the modem X-value [m]	MP-Distance to the modem Y-value [m]	MP-Distance to the modem Z-value [m]	MP-Distance to the modem Z-value with antenna [m]	MP-Distance to the modem [m]	MP-Distance to the modem with antenna [m]	MP-Distance to the reference X-value [m]	MP-Distance to the reference Y-value [m]	MP-Distance to the reference Z-value [m]	Distance within the outdoor range [m]
8	13	-8.5	3.2	-1	0.4	9.1	9.1	-12.4	-1	0	
8	14	-4.1	-2.6	-1	0.4	5.0	4.9	-8	-6.8	0	
8	20	-14.6	-1.3	-1	0.4	14.7	14.7	-18.5	-5.5	0	3
8	21	-8.1	-10.6	-1	0.4	13.4	13.3	-12	-14.8	0	3
8	22	3.9	-9.1	-1	0.4	10.0	9.9	0	-13.3	0	3
8	23	6.9	1.2	-1	0.4	7.1	7.0	3	-3	0	3
8	24	16.9	1.2	-1	-1	17.0	17.0	13	-3	0	10
8	25	3.9	-17.1	-1	-1	17.6	17.6	0	-21.3	0	10
8	26	-21.6	-1.3	-1	-1	21.7	21.7	-25.5	-5.5	0	10
8	27	-26	18.6	-1	-1	32.0	32.0	-29.9	14.4	0	20
8	28	-23	-21.5	-1	-1	31.5	31.5	-26.9	-25.7	0	20
9	0	0	0	0	0	0	0.0	5.8	-4.6	3.9	
9	1	1.4	-2.3	0	1.4	2.7	3.0	7.2	-6.9	3.9	
9	2	0.2	-1	0	1.4	1.0	1.7	6	-5.6	3.9	
9	3	2.6	-3.5	0	1.4	4.4	4.6	8.4	-8.1	3.9	
9	4	2.4	1	0	1.4	2.6	3.0	8.2	-3.6	3.9	
9	5	2.6	3.6	0	1.4	4.4	4.7	8.4	-1	3.9	
9	6	-1.6	2.5	0	1.4	3.0	3.3	4.2	-2.1	3.9	
9	7	-4.8	0.2	0	1.4	4.8	5.0	1	-4.4	3.9	
9	8	-4.2	3	0	1.4	5.2	5.3	1.6	-1.6	3.9	
9	9	-1.5	-2.8	0	1.4	3.2	3.5	4.3	-7.4	3.9	
9	10	1.4	-1.2	2.7	4.1	3.3	4.5	7.2	-5.8	6.6	
9	11	-3	-0.6	2.7	4.1	4.1	5.1	2.8	-5.2	6.6	
9	12	1.4	3.6	2.7	4.1	4.7	5.6	7.2	-1	6.6	
9	13	-3.9	3.6	2.7	4.1	6.0	6.7	1.9	-1	6.6	
9	14	-1.1	2.4	2.7	4.1	3.8	4.9	4.7	-2.2	6.6	
9	15	-2.1	-3.4	2.7	4.1	4.8	5.7	3.7	-8	6.6	
9	16	-1.6	-3	-2.7	-1.3	4.3	3.6	4.2	-7.6	1.2	
9	20	-8.8	0.2	-3.9	-2.5	9.6	9.2	-3	-4.4	0	3
9	21	-0.3	7.6	-3.9	-2.5	8.5	8.0	5.5	3	0	3
9	22	8.2	3.1	-3.9	-2.5	9.6	9.1	14	-1.5	0	3
9	23	-0.3	14.6	-3.9	-3.9	15.1	15.1	5.5	10	0	10
9	24	-14.4	18.7	-3.9	-3.9	23.9	23.9	-8.6	14.1	0	20
9	25	15.2	-4.9	-3.9	-3.9	16.4	16.4	21	-9.5	0	10
9	26	19.3	-19	-3.9	-3.9	27.4	27.4	25.1	-23.6	0	20
9	27	6.8	11.7	-3.9	-3.9	14.1	14.1	12.6	7.1	0	10