

**LAMPIRAN A**  
**TABEL DATA PENGAMATAN**

Tabel A.1 Lokasi sumber dengan konfigurasi non BCAP1

Titik ke	x	y	z
1	50.0000	0	0
2	47.5036	15.6017	1.0101
3	40.2635	29.6454	2.0202
4	29.0028	40.7288	3.0303
5	14.8460	47.7451	4.0404
6	-0.7933	49.9937	5.0505
7	-16.3534	47.2500	6.0606
8	-30.2805	39.7881	7.0707
9	-41.1838	28.3530	8.0808
10	-47.9746	14.0866	9.0909
11	-49.9748	-1.5864	10.1010
12	-46.9846	-17.1010	11.1111
13	-39.3027	-30.9079	12.1212
14	-27.6960	-41.6285	13.1313
15	-13.3237	-48.1921	14.1414
16	2.3791	-49.9434	15.1515
17	17.8443	-46.7074	16.1616
18	31.5276	-38.8073	17.1717
19	42.0627	-27.0320	18.1818
20	48.3974	-12.5574	19.1919
21	49.8993	3.1712	20.2020
22	46.4184	18.5831	21.2121
23	38.3022	32.1394	22.2222
24	26.3613	42.4863	23.2323
25	11.7879	48.5906	24.2424
26	-3.9625	49.8427	25.2525
27	-19.3173	46.1177	26.2626
28	-32.7430	37.7875	27.2727
29	-42.8992	25.6839	28.2828
30	-48.7715	11.0155	29.2929
31	-49.7736	-4.7528	30.3030
32	-45.8054	-20.0465	31.3131
33	-37.2632	-33.3385	32.3232
34	-25.0000	-43.3013	33.3333
35	-10.2403	-48.9401	34.3434
36	5.5419	-49.6919	35.3535
37	20.7708	-45.4816	36.3636
38	33.9255	-36.7296	37.3737
39	43.6925	-24.3098	38.3838
40	49.0964	-9.4626	39.3939
41	49.5977	6.3296	40.4040
42	45.1463	21.4897	41.4141
43	36.1867	34.5040	42.4242
44	23.6136	44.0727	43.4343
45	8.6824	49.2404	44.4444
46	-7.1157	49.4911	45.4545
47	-22.2033	44.7997	46.4646
48	-35.0737	35.6347	47.4747
49	-44.4418	22.9113	48.4848
50	-49.3719	7.9001	49.4949

Tabel A.2 Estimasi Lokasi sumber dengan konfigurasi non BCAP1, SNR 30dB

Titik ke	x	y	z
1	42.500	4.800	7.200
2	62.400	10.700	-17.100
3	40.700	29.900	1.000
4	29.000	40.500	3.300
5	13.800	63.000	-15.800
6	-1.500	53.300	0.800
7	-16.700	48.300	4.600
8	-47.700	165.200	-175.000
9	-36.100	20.500	28.000
10	-43.800	9.500	32.300
11	-46.600	-0.600	40.900
12	-41.400	-2.200	53.800
13	0.500	-50.600	-83.700
14	50.700	-93.800	-114.800
15	-1320.500	11.400	1308.800
16	3.500	-51.200	13.900
17	3.700	-29.000	29.900
18	13.900	-17.400	31.000
19	62.200	-48.100	7.000
20	46.300	-10.500	20.200
21	55.400	-1.700	18.000
22	49.400	16.900	20.200
23	38.300	32.100	22.200
24	26.400	43.000	23.000
25	12.500	45.900	26.100
26	-0.900	44.300	29.900
27	-12.400	37.400	35.300
28	-42.900	57.300	-1.200
29	-65.400	236.900	-308.900
30	-47.600	10.400	34.000
31	-45.300	-4.100	-18.400
32	-46.700	-14.500	44.200
33	-25.800	-47.800	6.100
34	-33.300	-23.600	51.700
35	-2728.200	7859.300	-6206.200
36	-13.300	-9.200	55.100
37	10.600	-30.600	42.900
38	34.700	-37.800	37.000
39	36.800	-15.400	40.300
40	44.400	-4.000	39.900
41	50.700	5.300	40.500
42	44.100	21.700	40.900
43	35.900	34.300	42.100
44	23.500	43.800	43.200
45	8.500	49.700	44.500
46	-7.400	49.900	45.300
47	-14.800	38.900	50.200
48	-20.700	28.800	56.100
49	-39.400	21.200	54.800
50	-46.800	8.500	55.300

Titik ke	x	y	z
51	-49.3719	-7.9001	50.5051
52	-44.4418	-22.9113	51.5152
53	-35.0737	-35.6347	52.5253
54	-22.2033	-44.7997	53.5354
55	-7.1157	-49.4911	54.5455
56	8.6824	-49.2404	55.5556
57	23.6136	-44.0727	56.5657
58	36.1867	-34.5040	57.5758
59	45.1463	-21.4897	58.5859
60	49.5977	-6.3296	59.5960
61	49.0964	9.4626	60.6061
62	43.6925	24.3098	61.6162
63	33.9255	36.7296	62.6263
64	20.7708	45.4816	63.6364
65	5.5419	49.6919	64.6465
66	-10.2403	48.9401	65.6566
67	-25.0000	43.3013	66.6667
68	-37.2632	33.3385	67.6768
69	-45.8054	20.0465	68.6869
70	-49.7736	4.7528	69.6970
71	-48.7715	-11.0155	70.7071
72	-42.8992	-25.6839	71.7172
73	-32.7430	-37.7875	72.7273
74	-19.3173	-46.1177	73.7374
75	-3.9625	-49.8427	74.7475
76	11.7879	-48.5906	75.7576
77	26.3613	-42.4863	76.7677
78	38.3022	-32.1394	77.7778
79	46.4184	-18.5831	78.7879
80	49.8993	-3.1712	79.7980
81	48.3974	12.5574	80.8081
82	42.0627	27.0320	81.8182
83	31.5276	38.8073	82.8283
84	17.8443	46.7074	83.8384
85	2.3791	49.9434	84.8485
86	-13.3237	48.1921	85.8586
87	-27.6960	41.6285	86.8687
88	-39.3027	30.9079	87.8788
89	-46.9846	17.1010	88.8889
90	-49.9748	1.5864	89.8990
91	-47.9746	-14.0866	90.9091
92	-41.1838	-28.3530	91.9192
93	-30.2805	-39.7881	92.9293
94	-16.3534	-47.2500	93.9394
95	-0.7933	-49.9937	94.9495
96	14.8460	-47.7451	95.9596
97	29.0028	-40.7288	96.9697
98	40.2635	-29.6454	97.9798
99	47.5036	-15.6017	98.9899
100	50.0000	-0.0000	100.0000

Titik ke	x	y	z
51	-48.800	-6.100	54.800
52	17.600	-74.700	-80.600
53	-38.200	-25.000	61.600
54	-25.600	-37.400	58.400
55	-16.100	-30.500	63.200
56	203.100	-280.500	-30.200
57	18.400	-35.600	58.600
58	16.100	-0.100	60.400
59	45.900	-22.600	58.600
60	38.800	6.600	57.100
61	48.000	10.400	60.100
62	44.000	24.300	61.900
63	33.200	36.100	61.400
64	20.800	46.000	64.300
65	4.700	50.800	65.600
66	-6.200	45.900	64.800
67	-19.900	40.600	67.700
68	-26.500	30.600	71.900
69	-52.900	21.400	54.600
70	-51.000	3.400	65.800
71	-46.900	-4.300	78.400
72	-37.200	2.200	86.600
73	-22.400	-58.500	57.300
74	2032.500	-2229.800	-654.400
75	19.000	-86.500	60.000
76	-6.100	6.000	81.100
77	19.600	-30.900	78.300
78	37.200	-30.400	77.900
79	55.600	-31.400	79.500
80	42.000	6.500	76.500
81	46.100	14.600	79.200
82	45.100	25.900	85.600
83	29.900	37.900	78.100
84	17.300	49.300	90.100
85	-3.200	55.100	90.100
86	-13.400	48.200	85.900
87	-34.400	44.500	83.600
88	-33.500	30.900	90.800
89	-45.000	18.100	91.300
90	-46.700	7.400	96.500
91	-44.400	2.200	102.000
92	-3.400	-87.100	33.200
93	-35.300	-6.900	105.500
94	15.000	-97.800	68.500
95	41.700	-114.200	70.500
96	-2.100	-10.700	101.300
97	10.300	-4.800	98.800
98	17.000	12.200	93.300
99	59.900	-32.600	99.900
100	52.600	-3.200	100.900

Tabel A.3 Lokasi sumber dengan konfigurasi non BCAP1

Titik ke	x	y	z
1	50.0000	0	0
2	47.5036	15.6017	1.0101
3	40.2635	29.6454	2.0202
4	29.0028	40.7288	3.0303
5	14.8460	47.7451	4.0404
6	-0.7933	49.9937	5.0505
7	-16.3534	47.2500	6.0606
8	-30.2805	39.7881	7.0707
9	-41.1838	28.3530	8.0808
10	-47.9746	14.0866	9.0909
11	-49.9748	-1.5864	10.1010
12	-46.9846	-17.1010	11.1111
13	-39.3027	-30.9079	12.1212
14	-27.6960	-41.6285	13.1313
15	-13.3237	-48.1921	14.1414
16	2.3791	-49.9434	15.1515
17	17.8443	-46.7074	16.1616
18	31.5276	-38.8073	17.1717
19	42.0627	-27.0320	18.1818
20	48.3974	-12.5574	19.1919
21	49.8993	3.1712	20.2020
22	46.4184	18.5831	21.2121
23	38.3022	32.1394	22.2222
24	26.3613	42.4863	23.2323
25	11.7879	48.5906	24.2424
26	-3.9625	49.8427	25.2525
27	-19.3173	46.1177	26.2626
28	-32.7430	37.7875	27.2727
29	-42.8992	25.6839	28.2828
30	-48.7715	11.0155	29.2929
31	-49.7736	-4.7528	30.3030
32	-45.8054	-20.0465	31.3131
33	-37.2632	-33.3385	32.3232
34	-25.0000	-43.3013	33.3333
35	-10.2403	-48.9401	34.3434
36	5.5419	-49.6919	35.3535
37	20.7708	-45.4816	36.3636
38	33.9255	-36.7296	37.3737
39	43.6925	-24.3098	38.3838
40	49.0964	-9.4626	39.3939
41	49.5977	6.3296	40.4040
42	45.1463	21.4897	41.4141
43	36.1867	34.5040	42.4242
44	23.6136	44.0727	43.4343
45	8.6824	49.2404	44.4444
46	-7.1157	49.4911	45.4545
47	-22.2033	44.7997	46.4646
48	-35.0737	35.6347	47.4747
49	-44.4418	22.9113	48.4848
50	-49.3719	7.9001	49.4949

Tabel A.4 Estimasi Lokasi sumber dengan konfigurasi non BCAP1, SNR 70dB

Titik ke	x	y	z
1	49.9098	0.0578	0.0852
2	47.6087	15.5669	0.8835
3	40.2682	29.6480	2.0101
4	29.0024	40.7268	3.0334
5	14.8389	47.8476	3.9055
6	-0.8003	50.0241	5.0111
7	-16.3567	47.2600	6.0466
8	-30.3997	40.0941	6.5502
9	-41.1330	28.2296	8.3673
10	-47.9441	13.9990	9.4372
11	-49.9885	-1.6205	10.6367
12	-47.1704	-16.9415	12.2976
13	-39.1549	-31.0673	11.6436
14	-27.4380	-41.9245	12.5882
15	-12.1718	-49.5207	12.4036
16	2.3898	-49.9558	15.1391
17	17.6443	-46.4787	16.3432
18	31.2547	-38.5032	17.3705
19	42.2102	-27.1900	18.0945
20	48.3756	-12.5354	19.2026
21	49.9471	3.1291	20.1823
22	46.4451	18.5686	21.2026
23	38.3017	32.1391	22.2224
24	26.3621	42.4911	23.2297
25	11.7956	48.5607	24.2644
26	-3.9283	49.7748	25.3120
27	-19.2359	45.9927	26.3990
28	-32.8296	37.9010	27.1028
29	-43.0919	25.8979	27.7650
30	-48.7603	11.0074	29.3446
31	-49.7847	-4.7800	30.0250
32	-45.8299	-19.9862	31.4807
33	-37.1974	-33.4564	32.1365
34	-25.1663	-43.0341	33.6201
35	-9.5561	-49.9556	33.5424
36	5.0001	-48.9158	35.8129
37	20.6384	-45.3000	36.4449
38	33.9335	-36.7401	37.3703
39	43.6104	-24.2064	38.4067
40	49.0433	-9.4008	39.4005
41	49.6086	6.3196	40.4049
42	45.1353	21.4919	41.4088
43	36.1840	34.5015	42.4214
44	23.6124	44.0698	43.4319
45	8.6803	49.2449	44.4451
46	-7.1190	49.4948	45.4533
47	-22.1161	44.7200	46.5245
48	-34.8912	35.5016	47.6619
49	-44.3893	22.8870	48.5676
50	-49.3472	7.9038	49.5651

Titik ke	x	y	z
51	-49.3719	-7.9001	50.5051
52	-44.4418	-22.9113	51.5152
53	-35.0737	-35.6347	52.5253
54	-22.2033	-44.7997	53.5354
55	-7.1157	-49.4911	54.5455
56	8.6824	-49.2404	55.5556
57	23.6136	-44.0727	56.5657
58	36.1867	-34.5040	57.5758
59	45.1463	-21.4897	58.5859
60	49.5977	-6.3296	59.5960
61	49.0964	9.4626	60.6061
62	43.6925	24.3098	61.6162
63	33.9255	36.7296	62.6263
64	20.7708	45.4816	63.6364
65	5.5419	49.6919	64.6465
66	-10.2403	48.9401	65.6566
67	-25.0000	43.3013	66.6667
68	-37.2632	33.3385	67.6768
69	-45.8054	20.0465	68.6869
70	-49.7736	4.7528	69.6970
71	-48.7715	-11.0155	70.7071
72	-42.8992	-25.6839	71.7172
73	-32.7430	-37.7875	72.7273
74	-19.3173	-46.1177	73.7374
75	-3.9625	-49.8427	74.7475
76	11.7879	-48.5906	75.7576
77	26.3613	-42.4863	76.7677
78	38.3022	-32.1394	77.7778
79	46.4184	-18.5831	78.7879
80	49.8993	-3.1712	79.7980
81	48.3974	12.5574	80.8081
82	42.0627	27.0320	81.8182
83	31.5276	38.8073	82.8283
84	17.8443	46.7074	83.8384
85	2.3791	49.9434	84.8485
86	-13.3237	48.1921	85.8586
87	-27.6960	41.6285	86.8687
88	-39.3027	30.9079	87.8788
89	-46.9846	17.1010	88.8889
90	-49.9748	1.5864	89.8990
91	-47.9746	-14.0866	90.9091
92	-41.1838	-28.3530	91.9192
93	-30.2805	-39.7881	92.9293
94	-16.3534	-47.2500	93.9394
95	-0.7933	-49.9937	94.9495
96	14.8460	-47.7451	95.9596
97	29.0028	-40.7288	96.9697
98	40.2635	-29.6454	97.9798
99	47.5036	-15.6017	98.9899
100	50.0000	-0.0000	100.0000

Titik ke	x	y	z
51	-49.3674	-7.8818	50.5537
52	-44.3758	-23.1904	51.1156
53	-35.1245	-35.5106	52.6427
54	-22.2446	-44.7180	53.5909
55	-7.2513	-49.2514	54.6655
56	9.1083	-49.9359	55.3016
57	23.5535	-43.9797	56.5888
58	35.7692	-33.8892	57.6624
59	45.1542	-21.5005	58.5856
60	49.4481	-6.1489	59.5716
61	49.0851	9.4719	60.6009
62	43.6953	24.3098	61.6188
63	33.9183	36.7227	62.6132
64	20.7712	45.4863	63.6434
65	5.5337	49.7028	64.6557
66	-10.1959	48.9051	65.6508
67	-24.9442	43.2683	66.6834
68	-37.1374	33.2907	67.7631
69	-45.8763	20.0475	68.5984
70	-49.7872	4.7399	69.6629
71	-48.7638	-10.9386	70.8119
72	-42.9981	-25.2097	72.1463
73	-32.6815	-37.9535	72.6177
74	-18.8525	-47.1128	73.2468
75	-3.8205	-50.1128	74.6498
76	11.0690	-47.3255	76.0744
77	26.2812	-42.3552	76.7875
78	38.2907	-32.1217	77.7786
79	46.4952	-18.6916	78.7964
80	49.8008	-3.0509	79.7643
81	48.3727	12.5793	80.7911
82	42.0905	27.0223	81.8536
83	31.5093	38.7985	82.7767
84	17.8396	46.7311	83.8953
85	2.3339	49.9848	84.9010
86	-13.3243	48.1924	85.8587
87	-27.7571	41.6499	86.8516
88	-39.2420	30.9045	87.9241
89	-46.9655	17.1113	88.9174
90	-49.9495	1.6522	89.9929
91	-47.9864	-13.8671	91.1222
92	-41.0919	-28.6943	91.6717
93	-30.4777	-39.2768	93.2112
94	-16.1918	-47.5937	93.7932
95	-0.5766	-50.4039	94.8188
96	14.5219	-47.1781	96.0854
97	28.6582	-40.1665	97.0424
98	39.7203	-28.8182	98.0038
99	47.6031	-15.7405	99.0029
100	50.0246	-0.0302	100.0086

Tabel A.5 Lokasi sumber dengan konfigurasi non BCAP2

Titik ke	x	y	z
1	50.0000	0	0
2	47.5036	15.6017	1.0101
3	40.2635	29.6454	2.0202
4	29.0028	40.7288	3.0303
5	14.8460	47.7451	4.0404
6	-0.7933	49.9937	5.0505
7	-16.3534	47.2500	6.0606
8	-30.2805	39.7881	7.0707
9	-41.1838	28.3530	8.0808
10	-47.9746	14.0866	9.0909
11	-49.9748	-1.5864	10.1010
12	-46.9846	-17.1010	11.1111
13	-39.3027	-30.9079	12.1212
14	-27.6960	-41.6285	13.1313
15	-13.3237	-48.1921	14.1414
16	2.3791	-49.9434	15.1515
17	17.8443	-46.7074	16.1616
18	31.5276	-38.8073	17.1717
19	42.0627	-27.0320	18.1818
20	48.3974	-12.5574	19.1919
21	49.8993	3.1712	20.2020
22	46.4184	18.5831	21.2121
23	38.3022	32.1394	22.2222
24	26.3613	42.4863	23.2323
25	11.7879	48.5906	24.2424
26	-3.9625	49.8427	25.2525
27	-19.3173	46.1177	26.2626
28	-32.7430	37.7875	27.2727
29	-42.8992	25.6839	28.2828
30	-48.7715	11.0155	29.2929
31	-49.7736	-4.7528	30.3030
32	-45.8054	-20.0465	31.3131
33	-37.2632	-33.3385	32.3232
34	-25.0000	-43.3013	33.3333
35	-10.2403	-48.9401	34.3434
36	5.5419	-49.6919	35.3535
37	20.7708	-45.4816	36.3636
38	33.9255	-36.7296	37.3737
39	43.6925	-24.3098	38.3838
40	49.0964	-9.4626	39.3939
41	49.5977	6.3296	40.4040
42	45.1463	21.4897	41.4141
43	36.1867	34.5040	42.4242
44	23.6136	44.0727	43.4343
45	8.6824	49.2404	44.4444
46	-7.1157	49.4911	45.4545
47	-22.2033	44.7997	46.4646
48	-35.0737	35.6347	47.4747
49	-44.4418	22.9113	48.4848
50	-49.3719	7.9001	49.4949

Tabel A.6 Estimasi Lokasi sumber dengan konfigurasi non BCAP2, SNR 30dB

Titik ke	x	y	z
1	-19.000	77.000	-12.000
2	152.000	-99.000	16.000
3	42.000	28.000	2.000
4	29.000	41.000	3.000
5	61.000	-5.000	11.000
6	19.000	28.000	9.000
7	-7.000	36.000	8.000
8	726.000	-810.000	160.000
9	-291.000	311.000	-43.000
10	-389.000	400.000	-61.000
11	-590.000	608.000	-100.000
12	-1017.000	1083.000	-187.000
13	990.000	-1186.000	223.000
14	1306.000	-1537.000	286.000
15	31457.000	-35087.000	6478.000
16	25.000	-76.000	20.000
17	-271.000	279.000	-42.000
18	-265.000	295.000	-42.000
19	237.000	-246.000	57.000
20	31.000	7.000	16.000
21	75.000	-25.000	25.000
22	39.000	27.000	19.000
23	40.000	31.000	22.000
24	20.000	49.000	22.000
25	22.000	38.000	26.000
26	-17.000	66.000	22.000
27	-94.000	134.000	10.000
28	182.000	-207.000	73.000
29	1122.000	-1287.000	271.000
30	-119.000	90.000	15.000
31	503.000	-628.000	145.000
32	-300.000	268.000	-22.000
33	365.000	-487.000	116.000
34	-479.000	470.000	-61.000
35	4644.000	-5257.000	994.000
36	-637.000	681.000	-98.000
37	-153.000	151.000	0.000
38	43.000	-47.000	39.000
39	-16.000	44.000	26.000
40	28.000	15.000	35.000
41	49.000	7.000	40.000
42	57.000	8.000	43.000
43	42.000	28.000	43.000
44	29.000	39.000	44.000
45	5.000	53.000	44.000
46	-7.000	49.000	46.000
47	-64.000	95.000	35.000
48	-201.000	229.000	9.000
49	-155.000	149.000	24.000
50	-158.000	132.000	26.000

Titik ke	x	y	z
51	-49.3719	-7.9001	50.5051
52	-44.4418	-22.9113	51.5152
53	-35.0737	-35.6347	52.5253
54	-22.2033	-44.7997	53.5354
55	-7.1157	-49.4911	54.5455
56	8.6824	-49.2404	55.5556
57	23.6136	-44.0727	56.5657
58	36.1867	-34.5040	57.5758
59	45.1463	-21.4897	58.5859
60	49.5977	-6.3296	59.5960
61	49.0964	9.4626	60.6061
62	43.6925	24.3098	61.6162
63	33.9255	36.7296	62.6263
64	20.7708	45.4816	63.6364
65	5.5419	49.6919	64.6465
66	-10.2403	48.9401	65.6566
67	-25.0000	43.3013	66.6667
68	-37.2632	33.3385	67.6768
69	-45.8054	20.0465	68.6869
70	-49.7736	4.7528	69.6970
71	-48.7715	-11.0155	70.7071
72	-42.8992	-25.6839	71.7172
73	-32.7430	-37.7875	72.7273
74	-19.3173	-46.1177	73.7374
75	-3.9625	-49.8427	74.7475
76	11.7879	-48.5906	75.7576
77	26.3613	-42.4863	76.7677
78	38.3022	-32.1394	77.7778
79	46.4184	-18.5831	78.7879
80	49.8993	-3.1712	79.7980
81	48.3974	12.5574	80.8081
82	42.0627	27.0320	81.8182
83	31.5276	38.8073	82.8283
84	17.8443	46.7074	83.8384
85	2.3791	49.9434	84.8485
86	-13.3237	48.1921	85.8586
87	-27.6960	41.6285	86.8687
88	-39.3027	30.9079	87.8788
89	-46.9846	17.1010	88.8889
90	-49.9748	1.5864	89.8990
91	-47.9746	-14.0866	90.9091
92	-41.1838	-28.3530	91.9192
93	-30.2805	-39.7881	92.9293
94	-16.3534	-47.2500	93.9394
95	-0.7933	-49.9937	94.9495
96	14.8460	-47.7451	95.9596
97	29.0028	-40.7288	96.9697
98	40.2635	-29.6454	97.9798
99	47.5036	-15.6017	98.9899
100	50.0000	-0.0000	100.0000

Titik ke	x	y	z
51	-135.000	89.000	32.000
52	1162.000	-1382.000	304.000
53	-261.000	220.000	5.000
54	-144.000	93.000	28.000
55	-269.000	247.000	-1.000
56	1138.000	-1319.000	292.000
57	-48.000	37.000	41.000
58	-219.000	257.000	1.000
59	50.000	-27.000	60.000
60	29.000	19.000	51.000
61	52.000	7.000	60.000
62	42.000	26.000	62.000
63	40.000	30.000	62.000
64	17.000	49.000	64.000
65	0.000	56.000	65.000
66	-11.000	51.000	63.000
67	-53.000	76.000	59.000
68	-160.000	176.000	38.000
69	141.000	-192.000	110.000
70	19.000	-74.000	85.000
71	-244.000	210.000	29.000
72	-682.000	702.000	-67.000
73	261.000	-370.000	135.000
74	2513.000	-2888.000	605.000
75	320.000	-415.000	144.000
76	-602.000	651.000	-60.000
77	-55.000	50.000	59.000
78	30.000	-22.000	76.000
79	85.000	-63.000	89.000
80	34.000	16.000	72.000
81	49.000	12.000	79.000
82	39.000	31.000	86.000
83	38.000	32.000	78.000
84	13.000	51.000	91.000
85	7.000	44.000	95.000
86	-13.000	48.000	86.000
87	32.000	-27.000	103.000
88	-128.000	133.000	66.000
89	-103.000	81.000	76.000
90	-226.000	201.000	51.000
91	-425.000	413.000	8.000
92	685.000	-845.000	247.000
93	-558.000	557.000	-22.000
94	438.000	-558.000	191.000
95	457.000	-565.000	194.000
96	-332.000	344.000	19.000
97	-248.000	272.000	33.000
98	-237.000	284.000	29.000
99	101.000	-75.000	114.000
100	58.000	-8.000	103.000

Tabel A.7 Lokasi sumber dengan konfigurasi non BCAP2

Titik ke	x	y	z
1	50.0000	0	0
2	47.5036	15.6017	1.0101
3	40.2635	29.6454	2.0202
4	29.0028	40.7288	3.0303
5	14.8460	47.7451	4.0404
6	-0.7933	49.9937	5.0505
7	-16.3534	47.2500	6.0606
8	-30.2805	39.7881	7.0707
9	-41.1838	28.3530	8.0808
10	-47.9746	14.0866	9.0909
11	-49.9748	-1.5864	10.1010
12	-46.9846	-17.1010	11.1111
13	-39.3027	-30.9079	12.1212
14	-27.6960	-41.6285	13.1313
15	-13.3237	-48.1921	14.1414
16	2.3791	-49.9434	15.1515
17	17.8443	-46.7074	16.1616
18	31.5276	-38.8073	17.1717
19	42.0627	-27.0320	18.1818
20	48.3974	-12.5574	19.1919
21	49.8993	3.1712	20.2020
22	46.4184	18.5831	21.2121
23	38.3022	32.1394	22.2222
24	26.3613	42.4863	23.2323
25	11.7879	48.5906	24.2424
26	-3.9625	49.8427	25.2525
27	-19.3173	46.1177	26.2626
28	-32.7430	37.7875	27.2727
29	-42.8992	25.6839	28.2828
30	-48.7715	11.0155	29.2929
31	-49.7736	-4.7528	30.3030
32	-45.8054	-20.0465	31.3131
33	-37.2632	-33.3385	32.3232
34	-25.0000	-43.3013	33.3333
35	-10.2403	-48.9401	34.3434
36	5.5419	-49.6919	35.3535
37	20.7708	-45.4816	36.3636
38	33.9255	-36.7296	37.3737
39	43.6925	-24.3098	38.3838
40	49.0964	-9.4626	39.3939
41	49.5977	6.3296	40.4040
42	45.1463	21.4897	41.4141
43	36.1867	34.5040	42.4242
44	23.6136	44.0727	43.4343
45	8.6824	49.2404	44.4444
46	-7.1157	49.4911	45.4545
47	-22.2033	44.7997	46.4646
48	-35.0737	35.6347	47.4747
49	-44.4418	22.9113	48.4848
50	-49.3719	7.9001	49.4949

Tabel A.8 Estimasi Lokasi sumber dengan konfigurasi non BCAP2, SNR 70dB

Titik ke	x	y	z
1	49.1795	0.9131	-0.1403
2	48.1778	14.8572	1.0957
3	40.2758	29.6324	2.0184
4	29.0017	40.7301	3.0310
5	15.1494	47.4004	4.0788
6	-0.6113	49.7872	5.0842
7	-16.2572	47.1412	6.0796
8	-25.6967	34.6102	7.9968
9	-44.2294	31.7892	7.4604
10	-52.1986	18.8478	8.2276
11	-57.2572	6.6164	8.6108
12	-64.6352	2.7700	7.4993
13	-31.7508	-39.4053	13.6654
14	-18.5835	-51.8784	14.9920
15	17.0958	-82.3980	20.3399
16	2.6074	-50.2001	15.1979
17	14.3982	-42.8320	15.4645
18	27.7146	-34.5177	16.4052
19	43.6941	-28.8692	18.5064
20	48.2185	-12.3553	19.1571
21	50.1105	2.9290	20.2404
22	46.3274	18.6780	21.1907
23	38.3145	32.1261	22.2247
24	26.2966	42.5559	23.2204
25	11.8866	48.4920	24.2571
26	-4.1378	50.0606	25.2078
27	-20.2904	47.2457	26.0490
28	-31.0385	35.8392	27.6360
29	-36.5594	18.4795	29.6182
30	-49.5043	11.8459	29.1395
31	-45.4026	-9.6959	31.2147
32	-48.6901	-16.7879	30.7131
33	-33.8084	-37.2381	33.0404
34	-30.7025	-36.8670	32.1516
35	6.5814	-67.9162	37.8249
36	-4.8876	-37.9217	33.1964
37	18.8015	-43.2575	35.9562
38	34.0163	-36.8324	37.3926
39	43.0319	-23.5584	38.2447
40	48.8657	-9.1949	39.3415
41	49.5862	6.3397	40.4046
42	45.2690	21.3580	41.4294
43	36.2453	34.4406	42.4309
44	23.6637	44.0189	43.4397
45	8.6469	49.2775	44.4410
46	-7.1175	49.4912	45.4559
47	-22.7275	45.4251	46.3285
48	-37.4227	38.3455	46.9424
49	-45.6751	24.3201	48.2163
50	-50.5478	9.2368	49.2432



Titik ke	x	y	z
51	-49.3719	-7.9001	50.5051
52	-44.4418	-22.9113	51.5152
53	-35.0737	-35.6347	52.5253
54	-22.2033	-44.7997	53.5354
55	-7.1157	-49.4911	54.5455
56	8.6824	-49.2404	55.5556
57	23.6136	-44.0727	56.5657
58	36.1867	-34.5040	57.5758
59	45.1463	-21.4897	58.5859
60	49.5977	-6.3296	59.5960
61	49.0964	9.4626	60.6061
62	43.6925	24.3098	61.6162
63	33.9255	36.7296	62.6263
64	20.7708	45.4816	63.6364
65	5.5419	49.6919	64.6465
66	-10.2403	48.9401	65.6566
67	-25.0000	43.3013	66.6667
68	-37.2632	33.3385	67.6768
69	-45.8054	20.0465	68.6869
70	-49.7736	4.7528	69.6970
71	-48.7715	-11.0155	70.7071
72	-42.8992	-25.6839	71.7172
73	-32.7430	-37.7875	72.7273
74	-19.3173	-46.1177	73.7374
75	-3.9625	-49.8427	74.7475
76	11.7879	-48.5906	75.7576
77	26.3613	-42.4863	76.7677
78	38.3022	-32.1394	77.7778
79	46.4184	-18.5831	78.7879
80	49.8993	-3.1712	79.7980
81	48.3974	12.5574	80.8081
82	42.0627	27.0320	81.8182
83	31.5276	38.8073	82.8283
84	17.8443	46.7074	83.8384
85	2.3791	49.9434	84.8485
86	-13.3237	48.1921	85.8586
87	-27.6960	41.6285	86.8687
88	-39.3027	30.9079	87.8788
89	-46.9846	17.1010	88.8889
90	-49.9748	1.5864	89.8990
91	-47.9746	-14.0866	90.9091
92	-41.1838	-28.3530	91.9192
93	-30.2805	-39.7881	92.9293
94	-16.3534	-47.2500	93.9394
95	-0.7933	-49.9937	94.9495
96	14.8460	-47.7451	95.9596
97	29.0028	-40.7288	96.9697
98	40.2635	-29.6454	97.9798
99	47.5036	-15.6017	98.9899
100	50.0000	-0.0000	100.0000

Titik ke	x	y	z
51	-50.2648	-6.8877	50.3156
52	-36.5380	-31.8578	53.1828
53	-37.5967	-32.7814	51.9945
54	-23.4914	-43.3437	53.2648
55	-10.1482	-46.0632	53.9082
56	15.7554	-57.2394	57.0465
57	22.8596	-43.2188	56.4053
58	32.4051	-30.2060	56.7523
59	45.1903	-21.5402	58.5962
60	49.3045	-5.9757	59.4901
61	49.1211	9.4373	60.6037
62	43.6762	24.3274	61.6168
63	33.9881	36.6620	62.6197
64	20.7347	45.5202	63.6386
65	5.4852	49.7505	64.6494
66	-10.2543	48.9731	65.6224
67	-25.3092	43.6675	66.5777
68	-38.7764	35.0820	67.3169
69	-44.1908	18.2034	69.0484
70	-49.1113	4.0001	69.8414
71	-50.9520	-8.5438	70.2377
72	-52.4899	-14.8285	69.6674
73	-30.1391	-40.7318	73.2817
74	-6.7596	-60.3087	76.4096
75	-1.1673	-53.0014	75.3441
76	1.0727	-36.4766	73.4501
77	25.4868	-41.4967	76.5756
78	38.2141	-32.0394	77.7574
79	46.7785	-18.9940	78.8837
80	49.7080	-2.9486	79.7118
81	48.4046	12.5508	80.7882
82	42.0215	27.0775	81.8543
83	31.5785	38.7510	82.7743
84	17.7836	46.7715	83.8989
85	2.3925	49.9160	84.9353
86	-13.3214	48.1894	85.8596
87	-27.1563	41.0072	87.0192
88	-40.2846	32.0279	87.6417
89	-47.5685	17.7639	88.7561
90	-51.9324	3.8030	89.4664
91	-52.6076	-8.8496	89.9007
92	-35.5726	-34.6881	93.1306
93	-37.1651	-32.0211	91.4476
94	-12.5297	-51.5610	94.7628
95	3.0046	-54.2739	95.7722
96	10.4962	-42.8441	95.0038
97	25.5208	-36.8066	96.1813
98	36.2722	-25.1517	97.0148
99	47.9932	-16.1520	99.1273
100	50.0737	-0.0823	100.0290

Tabel A.9 Lokasi sumber dengan konfigurasi non BCAP3

Titik ke	x	y	z
1	50.0000	0	0
2	47.5036	15.6017	1.0101
3	40.2635	29.6454	2.0202
4	29.0028	40.7288	3.0303
5	14.8460	47.7451	4.0404
6	-0.7933	49.9937	5.0505
7	-16.3534	47.2500	6.0606
8	-30.2805	39.7881	7.0707
9	-41.1838	28.3530	8.0808
10	-47.9746	14.0866	9.0909
11	-49.9748	-1.5864	10.1010
12	-46.9846	-17.1010	11.1111
13	-39.3027	-30.9079	12.1212
14	-27.6960	-41.6285	13.1313
15	-13.3237	-48.1921	14.1414
16	2.3791	-49.9434	15.1515
17	17.8443	-46.7074	16.1616
18	31.5276	-38.8073	17.1717
19	42.0627	-27.0320	18.1818
20	48.3974	-12.5574	19.1919
21	49.8993	3.1712	20.2020
22	46.4184	18.5831	21.2121
23	38.3022	32.1394	22.2222
24	26.3613	42.4863	23.2323
25	11.7879	48.5906	24.2424
26	-3.9625	49.8427	25.2525
27	-19.3173	46.1177	26.2626
28	-32.7430	37.7875	27.2727
29	-42.8992	25.6839	28.2828
30	-48.7715	11.0155	29.2929
31	-49.7736	-4.7528	30.3030
32	-45.8054	-20.0465	31.3131
33	-37.2632	-33.3385	32.3232
34	-25.0000	-43.3013	33.3333
35	-10.2403	-48.9401	34.3434
36	5.5419	-49.6919	35.3535
37	20.7708	-45.4816	36.3636
38	33.9255	-36.7296	37.3737
39	43.6925	-24.3098	38.3838
40	49.0964	-9.4626	39.3939
41	49.5977	6.3296	40.4040
42	45.1463	21.4897	41.4141
43	36.1867	34.5040	42.4242
44	23.6136	44.0727	43.4343
45	8.6824	49.2404	44.4444
46	-7.1157	49.4911	45.4545
47	-22.2033	44.7997	46.4646
48	-35.0737	35.6347	47.4747
49	-44.4418	22.9113	48.4848
50	-49.3719	7.9001	49.4949

Tabel A.10 Estimasi Lokasi sumber dengan konfigurasi non BCAP3, SNR 30dB

Titik ke	x	y	z
1	20000	-24000	5000
2	-89000	107000	-23000
3	-3000	4000	-1000
4	1000	-1000	0
5	-45000	54000	-12000
6	-8000	9000	-2000
7	-3000	3000	-1000
8	-450000	539000	-119000
9	35000	-42000	9000
10	43000	-51000	11000
11	58000	-69000	15000
12	80000	-95000	20000
13	-291000	348000	-76000
14	-476000	569000	-125000
15	-2148000	2606000	-591000
16	-4000	4000	-1000
17	37000	-44000	10000
18	39000	-46000	10000
19	-49000	58000	-13000
20	4000	-5000	1000
21	-14000	17000	-4000
22	-11000	13000	-3000
23	0	0	0
24	-2000	2000	0
25	6000	-7000	2000
26	11000	-12000	3000
27	19000	-23000	5000
28	-57000	68000	-15000
29	-1071000	1283000	-283000
30	10000	-12000	3000
31	-124000	148000	-32000
32	30000	-36000	8000
33	-73000	87000	-19000
34	47000	-56000	12000
35	2233000	-2687000	599000
36	56000	-67000	14000
37	22000	-27000	6000
38	-1000	2000	0
39	11000	-13000	3000
40	7000	-8000	2000
41	-2000	2000	0
42	3000	-3000	1000
43	1000	-1000	0
44	1000	-1000	0
45	-1000	1000	0
46	-1000	1000	0
47	12000	-14000	3000
48	24000	-29000	6000
49	15000	-17000	4000
50	14000	-16000	4000

Titik ke	x	y	z
51	-49.3719	-7.9001	50.5051
52	-44.4418	-22.9113	51.5152
53	-35.0737	-35.6347	52.5253
54	-22.2033	-44.7997	53.5354
55	-7.1157	-49.4911	54.5455
56	8.6824	-49.2404	55.5556
57	23.6136	-44.0727	56.5657
58	36.1867	-34.5040	57.5758
59	45.1463	-21.4897	58.5859
60	49.5977	-6.3296	59.5960
61	49.0964	9.4626	60.6061
62	43.6925	24.3098	61.6162
63	33.9255	36.7296	62.6263
64	20.7708	45.4816	63.6364
65	5.5419	49.6919	64.6465
66	-10.2403	48.9401	65.6566
67	-25.0000	43.3013	66.6667
68	-37.2632	33.3385	67.6768
69	-45.8054	20.0465	68.6869
70	-49.7736	4.7528	69.6970
71	-48.7715	-11.0155	70.7071
72	-42.8992	-25.6839	71.7172
73	-32.7430	-37.7875	72.7273
74	-19.3173	-46.1177	73.7374
75	-3.9625	-49.8427	74.7475
76	11.7879	-48.5906	75.7576
77	26.3613	-42.4863	76.7677
78	38.3022	-32.1394	77.7778
79	46.4184	-18.5831	78.7879
80	49.8993	-3.1712	79.7980
81	48.3974	12.5574	80.8081
82	42.0627	27.0320	81.8182
83	31.5276	38.8073	82.8283
84	17.8443	46.7074	83.8384
85	2.3791	49.9434	84.8485
86	-13.3237	48.1921	85.8586
87	-27.6960	41.6285	86.8687
88	-39.3027	30.9079	87.8788
89	-46.9846	17.1010	88.8889
90	-49.9748	1.5864	89.8990
91	-47.9746	-14.0866	90.9091
92	-41.1838	-28.3530	91.9192
93	-30.2805	-39.7881	92.9293
94	-16.3534	-47.2500	93.9394
95	-0.7933	-49.9937	94.9495
96	14.8460	-47.7451	95.9596
97	29.0028	-40.7288	96.9697
98	40.2635	-29.6454	97.9798
99	47.5036	-15.6017	98.9899
100	50.0000	-0.0000	100.0000

Titik ke	x	y	z
51	10000	-12000	3000
52	-436000	521000	-114000
53	24000	-29000	6000
54	14000	-16000	4000
55	27000	-32000	7000
56	-475000	568000	-125000
57	9000	-10000	2000
58	26000	-31000	7000
59	-1000	1000	0
60	10000	-12000	3000
61	1000	-1000	0
62	-1000	1000	0
63	3000	-3000	1000
64	-1000	2000	0
65	-2000	2000	0
66	4000	-5000	1000
67	5000	-6000	1000
68	14000	-16000	3000
69	-28000	33000	-7000
70	-8000	10000	-2000
71	18000	-21000	5000
72	40000	-47000	10000
73	-39000	47000	-10000
74	35280000	-42315000	9366000
75	-45000	53000	-11000
76	32000	-38000	8000
77	7000	-9000	2000
78	1000	-1000	0
79	-4000	5000	-1000
80	4000	-4000	1000
81	2000	-2000	0
82	-4000	5000	-1000
83	5000	-6000	1000
84	-6000	6000	-1000
85	-4000	4000	-1000
86	0	0	0
87	-5000	6000	-1000
88	6000	-6000	1000
89	4000	-5000	1000
90	11000	-13000	3000
91	21000	-24000	5000
92	-118000	140000	-30000
93	26000	-30000	6000
94	-55000	65000	-14000
95	-55000	65000	-14000
96	15000	-17000	4000
97	10000	-12000	2000
98	8000	-8000	2000
99	-1000	1000	0
100	0	0	0

Tabel A.11 Lokasi sumber dengan konfigurasi non BCAP3

Titik ke	x	y	z
1	50.0000	0	0
2	47.5036	15.6017	1.0101
3	40.2635	29.6454	2.0202
4	29.0028	40.7288	3.0303
5	14.8460	47.7451	4.0404
6	-0.7933	49.9937	5.0505
7	-16.3534	47.2500	6.0606
8	-30.2805	39.7881	7.0707
9	-41.1838	28.3530	8.0808
10	-47.9746	14.0866	9.0909
11	-49.9748	-1.5864	10.1010
12	-46.9846	-17.1010	11.1111
13	-39.3027	-30.9079	12.1212
14	-27.6960	-41.6285	13.1313
15	-13.3237	-48.1921	14.1414
16	2.3791	-49.9434	15.1515
17	17.8443	-46.7074	16.1616
18	31.5276	-38.8073	17.1717
19	42.0627	-27.0320	18.1818
20	48.3974	-12.5574	19.1919
21	49.8993	3.1712	20.2020
22	46.4184	18.5831	21.2121
23	38.3022	32.1394	22.2222
24	26.3613	42.4863	23.2323
25	11.7879	48.5906	24.2424
26	-3.9625	49.8427	25.2525
27	-19.3173	46.1177	26.2626
28	-32.7430	37.7875	27.2727
29	-42.8992	25.6839	28.2828
30	-48.7715	11.0155	29.2929
31	-49.7736	-4.7528	30.3030
32	-45.8054	-20.0465	31.3131
33	-37.2632	-33.3385	32.3232
34	-25.0000	-43.3013	33.3333
35	-10.2403	-48.9401	34.3434
36	5.5419	-49.6919	35.3535
37	20.7708	-45.4816	36.3636
38	33.9255	-36.7296	37.3737
39	43.6925	-24.3098	38.3838
40	49.0964	-9.4626	39.3939
41	49.5977	6.3296	40.4040
42	45.1463	21.4897	41.4141
43	36.1867	34.5040	42.4242
44	23.6136	44.0727	43.4343
45	8.6824	49.2404	44.4444
46	-7.1157	49.4911	45.4545
47	-22.2033	44.7997	46.4646
48	-35.0737	35.6347	47.4747
49	-44.4418	22.9113	48.4848
50	-49.3719	7.9001	49.4949

Tabel A.12 Estimasi Lokasi sumber dengan konfigurasi non BCAP3, SNR 70dB

Titik ke	x	y	z
1	315.80	-317.10	69.30
2	-367.50	510.80	-107.30
3	9.00	67.00	-6.10
4	36.90	31.30	5.10
5	-258.30	373.70	-67.20
6	-71.10	133.90	-13.30
7	-40.70	76.30	-0.30
8	-957.80	1145.70	-234.50
9	492.70	-607.80	146.90
10	632.90	-797.10	185.90
11	1062.90	-1326.90	298.80
12	2552.20	-3111.90	684.90
13	-1150.40	1292.10	-275.90
14	-1365.30	1551.00	-333.60
15	-4580.50	5390.70	-1170.50
16	-32.10	-8.90	6.20
17	561.00	-693.70	157.20
18	681.50	-813.30	186.10
19	-280.30	357.20	-65.70
20	95.20	-68.40	31.40
21	-65.20	140.30	-9.70
22	-47.50	130.30	-3.00
23	41.70	28.10	23.10
24	9.40	62.50	19.00
25	76.50	-28.20	40.80
26	124.70	-103.40	58.60
27	252.60	-278.00	96.90
28	-373.50	443.90	-61.30
29	-1121.10	1310.00	-251.60
30	64.10	-123.40	58.60
31	-689.60	757.00	-135.50
32	361.10	-504.40	136.70
33	-518.60	539.50	-92.30
34	761.40	-979.10	236.80
35	-2384.20	2776.50	-580.20
36	1482.30	-1807.20	417.60
37	314.60	-395.20	112.40
38	19.10	-19.10	33.50
39	174.40	-179.80	72.20
40	126.00	-100.80	59.20
41	32.70	26.20	36.20
42	72.00	-9.90	47.90
43	47.10	21.90	45.00
44	32.90	33.30	45.60
45	0.40	58.90	42.40
46	-12.80	56.20	44.00
47	133.00	-139.30	86.20
48	391.60	-471.30	157.20
49	141.70	-198.30	96.40
50	112.70	-184.70	91.30

Titik ke	x	y	z
51	-49.3719	-7.9001	50.5051
52	-44.4418	-22.9113	51.5152
53	-35.0737	-35.6347	52.5253
54	-22.2033	-44.7997	53.5354
55	-7.1157	-49.4911	54.5455
56	8.6824	-49.2404	55.5556
57	23.6136	-44.0727	56.5657
58	36.1867	-34.5040	57.5758
59	45.1463	-21.4897	58.5859
60	49.5977	-6.3296	59.5960
61	49.0964	9.4626	60.6061
62	43.6925	24.3098	61.6162
63	33.9255	36.7296	62.6263
64	20.7708	45.4816	63.6364
65	5.5419	49.6919	64.6465
66	-10.2403	48.9401	65.6566
67	-25.0000	43.3013	66.6667
68	-37.2632	33.3385	67.6768
69	-45.8054	20.0465	68.6869
70	-49.7736	4.7528	69.6970
71	-48.7715	-11.0155	70.7071
72	-42.8992	-25.6839	71.7172
73	-32.7430	-37.7875	72.7273
74	-19.3173	-46.1177	73.7374
75	-3.9625	-49.8427	74.7475
76	11.7879	-48.5906	75.7576
77	26.3613	-42.4863	76.7677
78	38.3022	-32.1394	77.7778
79	46.4184	-18.5831	78.7879
80	49.8993	-3.1712	79.7980
81	48.3974	12.5574	80.8081
82	42.0627	27.0320	81.8182
83	31.5276	38.8073	82.8283
84	17.8443	46.7074	83.8384
85	2.3791	49.9434	84.8485
86	-13.3237	48.1921	85.8586
87	-27.6960	41.6285	86.8687
88	-39.3027	30.9079	87.8788
89	-46.9846	17.1010	88.8889
90	-49.9748	1.5864	89.8990
91	-47.9746	-14.0866	90.9091
92	-41.1838	-28.3530	91.9192
93	-30.2805	-39.7881	92.9293
94	-16.3534	-47.2500	93.9394
95	-0.7933	-49.9937	94.9495
96	14.8460	-47.7451	95.9596
97	29.0028	-40.7288	96.9697
98	40.2635	-29.6454	97.9798
99	47.5036	-15.6017	98.9899
100	50.0000	-0.0000	100.0000

Titik ke	x	y	z
51	67.80	-147.10	80.70
52	-1058.60	1182.30	-209.70
53	281.00	-411.20	133.90
54	138.20	-235.30	94.80
55	370.50	-498.00	151.70
56	-891.50	1019.80	-175.80
57	122.10	-161.00	81.80
58	570.40	-668.00	194.10
59	37.30	-12.20	56.60
60	177.60	-156.70	91.20
61	61.10	-4.60	63.50
62	37.70	31.20	60.20
63	64.00	1.70	69.80
64	7.20	61.30	60.40
65	-12.20	70.30	60.50
66	34.50	-3.20	76.40
67	35.80	-28.10	81.70
68	163.80	-203.90	118.20
69	-235.70	244.60	20.60
70	-123.60	92.10	50.90
71	187.10	-290.30	130.80
72	970.50	-1225.90	329.80
73	-306.80	286.80	2.90
74	-1334.00	1510.50	-260.80
75	-289.80	288.40	2.20
76	1073.30	-1302.80	343.90
77	112.30	-143.80	98.30
78	46.90	-42.30	79.90
79	7.50	26.60	69.60
80	89.50	-48.20	88.40
81	63.20	-4.30	84.00
82	5.10	69.40	73.50
83	87.40	-25.50	95.60
84	-33.30	105.20	72.50
85	-37.90	94.90	76.80
86	-13.60	48.50	85.80
87	-66.90	86.40	78.20
88	32.10	-52.00	104.80
89	-2.50	-35.00	99.80
90	104.40	-179.70	128.10
91	323.40	-450.90	183.30
92	-496.90	508.00	-21.80
93	515.90	-682.40	229.00
94	-313.70	302.30	20.10
95	-280.70	278.30	25.90
96	304.10	-385.60	166.20
97	225.20	-267.50	142.90
98	200.80	-209.70	131.50
99	40.10	-9.10	98.80
100	51.60	-2.60	100.90

Tabel A.13 Lokasi sumber dengan konfigurasi BCAP1

Titik ke	x	y	z
1	50.0000	0	0
2	47.5036	15.6017	1.0101
3	40.2635	29.6454	2.0202
4	29.0028	40.7288	3.0303
5	14.8460	47.7451	4.0404
6	-0.7933	49.9937	5.0505
7	-16.3534	47.2500	6.0606
8	-30.2805	39.7881	7.0707
9	-41.1838	28.3530	8.0808
10	-47.9746	14.0866	9.0909
11	-49.9748	-1.5864	10.1010
12	-46.9846	-17.1010	11.1111
13	-39.3027	-30.9079	12.1212
14	-27.6960	-41.6285	13.1313
15	-13.3237	-48.1921	14.1414
16	2.3791	-49.9434	15.1515
17	17.8443	-46.7074	16.1616
18	31.5276	-38.8073	17.1717
19	42.0627	-27.0320	18.1818
20	48.3974	-12.5574	19.1919
21	49.8993	3.1712	20.2020
22	46.4184	18.5831	21.2121
23	38.3022	32.1394	22.2222
24	26.3613	42.4863	23.2323
25	11.7879	48.5906	24.2424
26	-3.9625	49.8427	25.2525
27	-19.3173	46.1177	26.2626
28	-32.7430	37.7875	27.2727
29	-42.8992	25.6839	28.2828
30	-48.7715	11.0155	29.2929
31	-49.7736	-4.7528	30.3030
32	-45.8054	-20.0465	31.3131
33	-37.2632	-33.3385	32.3232
34	-25.0000	-43.3013	33.3333
35	-10.2403	-48.9401	34.3434
36	5.5419	-49.6919	35.3535
37	20.7708	-45.4816	36.3636
38	33.9255	-36.7296	37.3737
39	43.6925	-24.3098	38.3838
40	49.0964	-9.4626	39.3939
41	49.5977	6.3296	40.4040
42	45.1463	21.4897	41.4141
43	36.1867	34.5040	42.4242
44	23.6136	44.0727	43.4343
45	8.6824	49.2404	44.4444
46	-7.1157	49.4911	45.4545
47	-22.2033	44.7997	46.4646
48	-35.0737	35.6347	47.4747
49	-44.4418	22.9113	48.4848
50	-49.3719	7.9001	49.4949

Tabel A.14 Estimasi Lokasi sumber dengan konfigurasi BCAP1, SNR 30dB

Titik ke	x	y	z
1	49.2118	1.1517	0.7886
2	49.4732	14.7975	-1.0427
3	40.4302	29.7265	1.8311
4	28.9797	40.6810	3.0801
5	14.1309	49.5420	2.5625
6	-1.2801	50.3212	4.8219
7	-16.5645	47.3193	6.0144
8	-39.2164	41.1995	5.9614
9	-37.2778	28.1318	8.4358
10	-43.7167	14.3963	9.3881
11	-44.2803	-0.2047	10.4384
12	-36.7681	-12.0965	11.6798
13	-43.3230	-34.3313	11.9106
14	-31.3644	-47.0948	12.9188
15	-23.1629	-76.5828	13.4424
16	2.3426	-50.1509	15.1475
17	17.9758	-42.8887	16.2138
18	31.0734	-33.4241	17.2120
19	42.7485	-30.6066	18.1820
20	48.1887	-12.0051	19.1818
21	50.9586	1.7816	20.2936
22	48.0030	18.0860	21.4319
23	38.2358	32.0995	22.2052
24	26.4532	42.9165	23.3474
25	12.6575	47.2265	23.8877
26	-1.3447	48.2841	24.8012
27	-14.2004	44.5383	25.6847
28	-39.0731	38.6078	27.7701
29	-60.5232	25.7602	29.4206
30	-47.5563	11.1789	29.2061
31	-55.6628	-6.5997	30.7302
32	-43.0586	-18.4587	31.0675
33	-39.9943	-35.9701	32.6227
34	-21.8010	-38.2567	32.8090
35	-18.9266	-74.0805	36.4081
36	8.1525	-35.8704	33.8380
37	20.9392	-41.5588	35.9067
38	33.9465	-37.0023	37.4123
39	43.0366	-21.2277	37.7617
40	48.1192	-7.0284	38.6131
41	50.0921	5.6588	40.8112
42	44.0070	21.9800	40.2414
43	35.8812	34.2914	41.8107
44	23.7310	43.6549	42.9047
45	8.2050	49.6244	44.8414
46	-7.4879	49.6409	45.6146
47	-15.2838	43.2898	44.3453
48	-22.2824	34.7421	44.3400
49	-39.8684	23.2609	47.5812
50	-46.3227	8.6058	48.9315

Titik ke	x	y	z
51	-49.3719	-7.9001	50.5051
52	-44.4418	-22.9113	51.5152
53	-35.0737	-35.6347	52.5253
54	-22.2033	-44.7997	53.5354
55	-7.1157	-49.4911	54.5455
56	8.6824	-49.2404	55.5556
57	23.6136	-44.0727	56.5657
58	36.1867	-34.5040	57.5758
59	45.1463	-21.4897	58.5859
60	49.5977	-6.3296	59.5960
61	49.0964	9.4626	60.6061
62	43.6925	24.3098	61.6162
63	33.9255	36.7296	62.6263
64	20.7708	45.4816	63.6364
65	5.5419	49.6919	64.6465
66	-10.2403	48.9401	65.6566
67	-25.0000	43.3013	66.6667
68	-37.2632	33.3385	67.6768
69	-45.8054	20.0465	68.6869
70	-49.7736	4.7528	69.6970
71	-48.7715	-11.0155	70.7071
72	-42.8992	-25.6839	71.7172
73	-32.7430	-37.7875	72.7273
74	-19.3173	-46.1177	73.7374
75	-3.9625	-49.8427	74.7475
76	11.7879	-48.5906	75.7576
77	26.3613	-42.4863	76.7677
78	38.3022	-32.1394	77.7778
79	46.4184	-18.5831	78.7879
80	49.8993	-3.1712	79.7980
81	48.3974	12.5574	80.8081
82	42.0627	27.0320	81.8182
83	31.5276	38.8073	82.8283
84	17.8443	46.7074	83.8384
85	2.3791	49.9434	84.8485
86	-13.3237	48.1921	85.8586
87	-27.6960	41.6285	86.8687
88	-39.3027	30.9079	87.8788
89	-46.9846	17.1010	88.8889
90	-49.9748	1.5864	89.8990
91	-47.9746	-14.0866	90.9091
92	-41.1838	-28.3530	91.9192
93	-30.2805	-39.7881	92.9293
94	-16.3534	-47.2500	93.9394
95	-0.7933	-49.9937	94.9495
96	14.8460	-47.7451	95.9596
97	29.0028	-40.7288	96.9697
98	40.2635	-29.6454	97.9798
99	47.5036	-15.6017	98.9899
100	50.0000	-0.0000	100.0000

Titik ke	x	y	z
51	-47.6400	-7.1624	50.1784
52	-58.1631	-32.2989	54.1664
53	-32.1338	-32.4982	51.7625
54	-20.9798	-42.7854	53.1132
55	-4.9050	-43.6988	53.3690
56	4.0442	-72.0359	59.6567
57	23.8265	-41.3368	55.9408
58	35.2807	-17.0932	52.2211
59	45.2223	-21.9782	58.7604
60	46.4778	2.9958	54.0892
61	48.5936	10.4970	59.6360
62	43.8636	24.0702	62.1458
63	33.9409	36.6744	60.2273
64	20.1207	45.8257	64.8712
65	3.4527	50.3876	66.4430
66	-4.5574	47.7530	62.3510
67	-19.0480	42.8860	64.1754
68	-25.1345	33.9932	63.4199
69	-55.5247	18.1849	71.3622
70	-52.3340	3.8669	70.3965
71	-42.9720	-7.8655	69.0049
72	-25.4362	-11.7093	65.6297
73	-37.6604	-43.4817	74.5270
74	-44.1977	-89.0573	84.1817
75	-7.7468	-59.3018	77.2880
76	19.9448	-16.9924	64.8500
77	27.0191	-37.6116	75.1753
78	38.3304	-31.3365	77.4742
79	46.7137	-25.3805	81.9064
80	48.7463	4.9896	73.9279
81	48.0302	15.1338	78.0674
82	41.5786	23.2641	88.1192
83	33.6986	40.1515	75.3094
84	9.2667	45.8466	94.2081
85	-13.6072	49.7143	96.6093
86	-13.4281	48.1903	85.9207
87	-38.4199	40.5258	91.5921
88	-30.4274	32.6183	84.2145
89	-43.3580	18.2486	87.5636
90	-41.5951	5.4920	86.8627
91	-33.5973	-4.6788	85.3663
92	-59.7004	-45.0091	98.7227
93	-16.1903	-22.6979	85.8519
94	-25.1419	-61.9751	98.7929
95	-8.7363	-68.3978	100.7970
96	21.0513	-27.5914	88.1929
97	33.3620	-19.1664	87.7476
98	43.6397	1.4432	81.2548
99	46.5943	-25.8297	104.3023
100	49.7808	-2.6697	101.8802

Tabel A.15 Lokasi sumber dengan konfigurasi BCAP1

Titik ke	x	y	z
1	50.0000	0	0
2	47.5036	15.6017	1.0101
3	40.2635	29.6454	2.0202
4	29.0028	40.7288	3.0303
5	14.8460	47.7451	4.0404
6	-0.7933	49.9937	5.0505
7	-16.3534	47.2500	6.0606
8	-30.2805	39.7881	7.0707
9	-41.1838	28.3530	8.0808
10	-47.9746	14.0866	9.0909
11	-49.9748	-1.5864	10.1010
12	-46.9846	-17.1010	11.1111
13	-39.3027	-30.9079	12.1212
14	-27.6960	-41.6285	13.1313
15	-13.3237	-48.1921	14.1414
16	2.3791	-49.9434	15.1515
17	17.8443	-46.7074	16.1616
18	31.5276	-38.8073	17.1717
19	42.0627	-27.0320	18.1818
20	48.3974	-12.5574	19.1919
21	49.8993	3.1712	20.2020
22	46.4184	18.5831	21.2121
23	38.3022	32.1394	22.2222
24	26.3613	42.4863	23.2323
25	11.7879	48.5906	24.2424
26	-3.9625	49.8427	25.2525
27	-19.3173	46.1177	26.2626
28	-32.7430	37.7875	27.2727
29	-42.8992	25.6839	28.2828
30	-48.7715	11.0155	29.2929
31	-49.7736	-4.7528	30.3030
32	-45.8054	-20.0465	31.3131
33	-37.2632	-33.3385	32.3232
34	-25.0000	-43.3013	33.3333
35	-10.2403	-48.9401	34.3434
36	5.5419	-49.6919	35.3535
37	20.7708	-45.4816	36.3636
38	33.9255	-36.7296	37.3737
39	43.6925	-24.3098	38.3838
40	49.0964	-9.4626	39.3939
41	49.5977	6.3296	40.4040
42	45.1463	21.4897	41.4141
43	36.1867	34.5040	42.4242
44	23.6136	44.0727	43.4343
45	8.6824	49.2404	44.4444
46	-7.1157	49.4911	45.4545
47	-22.2033	44.7997	46.4646
48	-35.0737	35.6347	47.4747
49	-44.4418	22.9113	48.4848
50	-49.3719	7.9001	49.4949

Tabel A.16 Estimasi Lokasi sumber dengan konfigurasi BCAP1, SNR 70dB

Titik ke	x	y	z
1	49.9920	0.0120	0.0082
2	47.5223	15.5945	0.9914
3	40.2652	29.6462	2.0183
4	29.0026	40.7283	3.0308
5	14.8396	47.7623	4.0268
6	-0.7981	49.9970	5.0483
7	-16.3555	47.2507	6.0601
8	-30.3592	39.8016	7.0605
9	-41.1427	28.3508	8.0845
10	-47.9299	14.0898	9.0940
11	-49.9140	-1.5719	10.1045
12	-46.8685	-17.0453	11.1173
13	-39.3409	-30.9405	12.1192
14	-27.7307	-41.6797	13.1293
15	-13.4046	-48.4080	14.1355
16	2.3787	-49.9454	15.1515
17	17.8457	-46.6674	16.1622
18	31.5230	-38.7495	17.1722
19	42.0694	-27.0659	18.1818
20	48.3953	-12.5518	19.1918
21	49.9097	3.1580	20.2029
22	46.4336	18.5786	21.2143
23	38.3016	32.1390	22.2221
24	26.3622	42.4905	23.2335
25	11.7973	48.5765	24.2388
26	-3.9341	49.8266	25.2478
27	-19.2607	46.1012	26.2566
28	-32.8012	37.7954	27.2775
29	-43.0454	25.6850	28.2935
30	-48.7592	11.0172	29.2921
31	-49.8290	-4.7704	30.3072
32	-45.7771	-20.0302	31.3106
33	-37.2896	-33.3639	32.3262
34	-24.9663	-43.2477	33.3280
35	-10.3132	-49.1397	34.3625
36	5.5714	-49.5301	35.3374
37	20.7725	-45.4406	36.3590
38	33.9257	-36.7323	37.3741
39	43.6858	-24.2775	38.3775
40	49.0864	-9.4369	39.3859
41	49.6026	6.3231	40.4081
42	45.1345	21.4951	41.4020
43	36.1836	34.5018	42.4180
44	23.6148	44.0684	43.4290
45	8.6777	49.2442	44.4484
46	-7.1194	49.4926	45.4561
47	-22.1256	44.7839	46.4422
48	-34.9212	35.6257	47.4407
49	-44.3937	22.9150	48.4756
50	-49.3405	7.9073	49.4892



Titik ke	x	y	z
51	-49.3719	-7.9001	50.5051
52	-44.4418	-22.9113	51.5152
53	-35.0737	-35.6347	52.5253
54	-22.2033	-44.7997	53.5354
55	-7.1157	-49.4911	54.5455
56	8.6824	-49.2404	55.5556
57	23.6136	-44.0727	56.5657
58	36.1867	-34.5040	57.5758
59	45.1463	-21.4897	58.5859
60	49.5977	-6.3296	59.5960
61	49.0964	9.4626	60.6061
62	43.6925	24.3098	61.6162
63	33.9255	36.7296	62.6263
64	20.7708	45.4816	63.6364
65	5.5419	49.6919	64.6465
66	-10.2403	48.9401	65.6566
67	-25.0000	43.3013	66.6667
68	-37.2632	33.3385	67.6768
69	-45.8054	20.0465	68.6869
70	-49.7736	4.7528	69.6970
71	-48.7715	-11.0155	70.7071
72	-42.8992	-25.6839	71.7172
73	-32.7430	-37.7875	72.7273
74	-19.3173	-46.1177	73.7374
75	-3.9625	-49.8427	74.7475
76	11.7879	-48.5906	75.7576
77	26.3613	-42.4863	76.7677
78	38.3022	-32.1394	77.7778
79	46.4184	-18.5831	78.7879
80	49.8993	-3.1712	79.7980
81	48.3974	12.5574	80.8081
82	42.0627	27.0320	81.8182
83	31.5276	38.8073	82.8283
84	17.8443	46.7074	83.8384
85	2.3791	49.9434	84.8485
86	-13.3237	48.1921	85.8586
87	-27.6960	41.6285	86.8687
88	-39.3027	30.9079	87.8788
89	-46.9846	17.1010	88.8889
90	-49.9748	1.5864	89.8990
91	-47.9746	-14.0866	90.9091
92	-41.1838	-28.3530	91.9192
93	-30.2805	-39.7881	92.9293
94	-16.3534	-47.2500	93.9394
95	-0.7933	-49.9937	94.9495
96	14.8460	-47.7451	95.9596
97	29.0028	-40.7288	96.9697
98	40.2635	-29.6454	97.9798
99	47.5036	-15.6017	98.9899
100	50.0000	-0.0000	100.0000

Titik ke	x	y	z
51	-49.3543	-7.8926	50.5018
52	-44.5618	-22.9941	51.5402
53	-35.0433	-35.6021	52.5175
54	-22.1909	-44.7791	53.5311
55	-7.0925	-49.4297	54.5334
56	8.6428	-49.4283	55.5935
57	23.6157	-44.0445	56.5593
58	36.1782	-34.2842	57.5160
59	45.1471	-21.4946	58.5876
60	49.5637	-6.2140	59.5347
61	49.0913	9.4733	60.5962
62	43.6942	24.3075	61.6214
63	33.9260	36.7294	62.6012
64	20.7645	45.4850	63.6485
65	5.5222	49.6988	64.6639
66	-10.1770	48.9279	65.6216
67	-24.9354	43.2972	66.6407
68	-37.1233	33.3469	67.6311
69	-45.8945	20.0295	68.7126
70	-49.7986	4.7441	69.7039
71	-48.7102	-10.9823	70.6896
72	-42.6875	-25.5146	71.6503
73	-32.7897	-37.8414	72.7448
74	-19.5046	-46.4308	73.8285
75	-3.9978	-49.9303	74.7720
76	11.9009	-48.1470	75.6291
77	26.3682	-42.4352	76.7514
78	38.3025	-32.1313	77.7747
79	46.4216	-18.6457	78.8178
80	49.8880	-3.0756	79.7344
81	48.3939	12.5851	80.7797
82	42.0598	27.0004	81.8766
83	31.5556	38.8260	82.7453
84	17.7773	46.7041	83.9305
85	2.2564	49.9464	84.9516
86	-13.3247	48.1921	85.8592
87	-27.7922	41.6192	86.9135
88	-39.2058	30.9269	87.8405
89	-46.9472	17.1129	88.8754
90	-49.8849	1.6283	89.8675
91	-47.8111	-13.9797	90.8500
92	-41.3435	-28.4963	91.9825
93	-30.1155	-39.5867	92.8526
94	-16.4328	-47.3822	93.9855
95	-0.8638	-50.1555	95.0046
96	14.9198	-47.5050	95.8750
97	29.0576	-40.4641	96.8676
98	40.3223	-29.1930	97.7774
99	47.4961	-15.6935	99.0403
100	49.9980	-0.0257	100.0185

Tabel A.17 Lokasi sumber dengan konfigurasi BCAP2

Titik ke	x	y	z
1	50.0000	0	0
2	47.5036	15.6017	1.0101
3	40.2635	29.6454	2.0202
4	29.0028	40.7288	3.0303
5	14.8460	47.7451	4.0404
6	-0.7933	49.9937	5.0505
7	-16.3534	47.2500	6.0606
8	-30.2805	39.7881	7.0707
9	-41.1838	28.3530	8.0808
10	-47.9746	14.0866	9.0909
11	-49.9748	-1.5864	10.1010
12	-46.9846	-17.1010	11.1111
13	-39.3027	-30.9079	12.1212
14	-27.6960	-41.6285	13.1313
15	-13.3237	-48.1921	14.1414
16	2.3791	-49.9434	15.1515
17	17.8443	-46.7074	16.1616
18	31.5276	-38.8073	17.1717
19	42.0627	-27.0320	18.1818
20	48.3974	-12.5574	19.1919
21	49.8993	3.1712	20.2020
22	46.4184	18.5831	21.2121
23	38.3022	32.1394	22.2222
24	26.3613	42.4863	23.2323
25	11.7879	48.5906	24.2424
26	-3.9625	49.8427	25.2525
27	-19.3173	46.1177	26.2626
28	-32.7430	37.7875	27.2727
29	-42.8992	25.6839	28.2828
30	-48.7715	11.0155	29.2929
31	-49.7736	-4.7528	30.3030
32	-45.8054	-20.0465	31.3131
33	-37.2632	-33.3385	32.3232
34	-25.0000	-43.3013	33.3333
35	-10.2403	-48.9401	34.3434
36	5.5419	-49.6919	35.3535
37	20.7708	-45.4816	36.3636
38	33.9255	-36.7296	37.3737
39	43.6925	-24.3098	38.3838
40	49.0964	-9.4626	39.3939
41	49.5977	6.3296	40.4040
42	45.1463	21.4897	41.4141
43	36.1867	34.5040	42.4242
44	23.6136	44.0727	43.4343
45	8.6824	49.2404	44.4444
46	-7.1157	49.4911	45.4545
47	-22.2033	44.7997	46.4646
48	-35.0737	35.6347	47.4747
49	-44.4418	22.9113	48.4848
50	-49.3719	7.9001	49.4949

Tabel A.18 Estimasi Lokasi sumber dengan konfigurasi BCAP2, SNR 30dB

Titik ke	x	y	z
1	49.6723	4.4761	2.6255
2	48.2788	8.8027	-6.7552
3	40.2806	29.4775	1.3348
4	29.0587	40.7213	3.2146
5	7.9719	48.4662	-1.9756
6	-3.0841	50.1307	4.1343
7	-17.2054	47.2774	5.8694
8	-78.8247	39.8968	2.0116
9	-27.9797	28.9891	9.6737
10	-33.7049	16.0149	10.5119
11	-31.5414	3.5152	11.8299
12	-17.2203	-2.0242	14.2473
13	-56.2444	-43.7967	10.7763
14	-43.4467	-62.8086	11.5838
15	-78.0925	-310.2080	7.9479
16	2.2117	-50.6353	15.1078
17	19.2957	-35.0832	16.9714
18	32.1995	-23.0857	18.4368
19	42.1739	-40.2246	17.1650
20	48.3144	-10.6938	19.4206
21	50.3430	-2.6396	19.1367
22	46.9634	14.3287	19.5983
23	38.3152	32.1984	22.3028
24	25.6323	42.5646	22.8240
25	16.2436	48.0391	25.1475
26	5.1498	49.1808	26.1429
27	-3.7127	45.5894	27.1525
28	-58.9923	37.5231	26.6266
29	-145.2921	21.3342	27.0889
30	-44.7694	11.6860	29.3595
31	-72.4451	-11.1389	30.0466
32	-37.1687	-15.3795	31.4199
33	-46.9466	-41.6886	32.2283
34	-15.2061	-29.6250	33.4388
35	-51.2271	-182.8088	34.0802
36	14.6625	-17.1078	35.3955
37	22.1704	-34.8303	36.3474
38	33.8887	-37.5180	37.3774
39	43.6405	-16.0364	38.2920
40	48.7580	-2.8067	39.2426
41	49.7730	4.1505	40.4992
42	44.9864	24.0745	41.0965
43	36.5676	34.9390	42.2384
44	24.6876	44.0415	43.2587
45	6.9192	49.3742	44.5864
46	-8.2837	49.5437	45.5155
47	-4.3118	44.6571	45.6127
48	-4.8474	37.3088	46.1547
49	-32.0394	24.4816	48.0891
50	-40.9172	9.8704	49.2395

Titik ke	x	y	z
51	-49.3719	-7.9001	50.5051
52	-44.4418	-22.9113	51.5152
53	-35.0737	-35.6347	52.5253
54	-22.2033	-44.7997	53.5354
55	-7.1157	-49.4911	54.5455
56	8.6824	-49.2404	55.5556
57	23.6136	-44.0727	56.5657
58	36.1867	-34.5040	57.5758
59	45.1463	-21.4897	58.5859
60	49.5977	-6.3296	59.5960
61	49.0964	9.4626	60.6061
62	43.6925	24.3098	61.6162
63	33.9255	36.7296	62.6263
64	20.7708	45.4816	63.6364
65	5.5419	49.6919	64.6465
66	-10.2403	48.9401	65.6566
67	-25.0000	43.3013	66.6667
68	-37.2632	33.3385	67.6768
69	-45.8054	20.0465	68.6869
70	-49.7736	4.7528	69.6970
71	-48.7715	-11.0155	70.7071
72	-42.8992	-25.6839	71.7172
73	-32.7430	-37.7875	72.7273
74	-19.3173	-46.1177	73.7374
75	-3.9625	-49.8427	74.7475
76	11.7879	-48.5906	75.7576
77	26.3613	-42.4863	76.7677
78	38.3022	-32.1394	77.7778
79	46.4184	-18.5831	78.7879
80	49.8993	-3.1712	79.7980
81	48.3974	12.5574	80.8081
82	42.0627	27.0320	81.8182
83	31.5276	38.8073	82.8283
84	17.8443	46.7074	83.8384
85	2.3791	49.9434	84.8485
86	-13.3237	48.1921	85.8586
87	-27.6960	41.6285	86.8687
88	-39.3027	30.9079	87.8788
89	-46.9846	17.1010	88.8889
90	-49.9748	1.5864	89.8990
91	-47.9746	-14.0866	90.9091
92	-41.1838	-28.3530	91.9192
93	-30.2805	-39.7881	92.9293
94	-16.3534	-47.2500	93.9394
95	-0.7933	-49.9937	94.9495
96	14.8460	-47.7451	95.9596
97	29.0028	-40.7288	96.9697
98	40.2635	-29.6454	97.9798
99	47.5036	-15.6017	98.9899
100	50.0000	-0.0000	100.0000

Titik ke	x	y	z
51	-44.5053	-6.0168	50.3523
52	-94.7794	-50.9569	52.7867
53	-27.1810	-28.0530	52.1495
54	-18.8573	-39.8451	53.3228
55	-1.1388	-35.9173	53.9410
56	-7.6788	-128.5048	57.6901
57	24.6141	-37.5635	56.2336
58	39.1015	-0.4148	54.6723
59	45.1229	-22.6580	58.6812
60	49.1027	12.8022	56.5278
61	49.0647	11.9608	60.0621
62	43.5609	23.5648	61.9158
63	35.7367	38.0071	61.2496
64	18.5331	45.3060	64.3485
65	-0.3201	49.7360	65.6912
66	2.9372	48.9259	63.7043
67	-11.2541	43.9085	65.1848
68	-11.0173	36.3008	65.1184
69	-73.3575	15.4601	70.2912
70	-56.3681	2.8181	70.1206
71	-35.2909	-4.5798	69.6655
72	-7.4893	0.1904	67.9433
73	-45.3041	-50.7179	73.8376
74	-104.3140	-195.5836	80.1462
75	-13.3979	-72.0420	76.3327
76	29.4597	3.8542	68.7751
77	28.2762	-32.6868	75.7565
78	38.4969	-30.5067	77.5842
79	45.3688	-33.0470	80.7778
80	50.8002	11.4958	75.9839
81	49.0485	17.4157	79.0257
82	38.3428	19.0616	85.8877
83	37.8474	42.5938	77.8529
84	-4.6097	42.8042	90.5722
85	-40.2856	46.7806	92.5126
86	-13.5492	48.1754	85.8999
87	-53.5513	38.9894	90.0064
88	-21.3530	34.1283	85.4054
89	-39.2740	19.1273	87.9927
90	-32.8411	8.3156	87.8310
91	-20.1269	1.7721	87.1030
92	-87.6364	-62.9197	96.5415
93	-4.0034	-11.1867	88.0129
94	-35.8494	-77.7231	97.2772
95	-18.0777	-88.8767	98.9858
96	26.6529	-14.4988	90.4832
97	37.9407	-6.1315	90.4250
98	49.1242	16.1819	85.9426
99	44.6662	-34.3141	102.7306
100	49.1877	-4.4809	101.3354

Tabel A.19 Lokasi sumber dengan konfigurasi BCAP2

Titik ke	x	y	z
1	50.0000	0	0
2	47.5036	15.6017	1.0101
3	40.2635	29.6454	2.0202
4	29.0028	40.7288	3.0303
5	14.8460	47.7451	4.0404
6	-0.7933	49.9937	5.0505
7	-16.3534	47.2500	6.0606
8	-30.2805	39.7881	7.0707
9	-41.1838	28.3530	8.0808
10	-47.9746	14.0866	9.0909
11	-49.9748	-1.5864	10.1010
12	-46.9846	-17.1010	11.1111
13	-39.3027	-30.9079	12.1212
14	-27.6960	-41.6285	13.1313
15	-13.3237	-48.1921	14.1414
16	2.3791	-49.9434	15.1515
17	17.8443	-46.7074	16.1616
18	31.5276	-38.8073	17.1717
19	42.0627	-27.0320	18.1818
20	48.3974	-12.5574	19.1919
21	49.8993	3.1712	20.2020
22	46.4184	18.5831	21.2121
23	38.3022	32.1394	22.2222
24	26.3613	42.4863	23.2323
25	11.7879	48.5906	24.2424
26	-3.9625	49.8427	25.2525
27	-19.3173	46.1177	26.2626
28	-32.7430	37.7875	27.2727
29	-42.8992	25.6839	28.2828
30	-48.7715	11.0155	29.2929
31	-49.7736	-4.7528	30.3030
32	-45.8054	-20.0465	31.3131
33	-37.2632	-33.3385	32.3232
34	-25.0000	-43.3013	33.3333
35	-10.2403	-48.9401	34.3434
36	5.5419	-49.6919	35.3535
37	20.7708	-45.4816	36.3636
38	33.9255	-36.7296	37.3737
39	43.6925	-24.3098	38.3838
40	49.0964	-9.4626	39.3939
41	49.5977	6.3296	40.4040
42	45.1463	21.4897	41.4141
43	36.1867	34.5040	42.4242
44	23.6136	44.0727	43.4343
45	8.6824	49.2404	44.4444
46	-7.1157	49.4911	45.4545
47	-22.2033	44.7997	46.4646
48	-35.0737	35.6347	47.4747
49	-44.4418	22.9113	48.4848
50	-49.3719	7.9001	49.4949

Tabel A.20 Estimasi Lokasi sumber dengan konfigurasi BCAP2, SNR 70dB

Titik ke	x	y	z
1	49.9967	0.0496	0.0280
2	47.5110	15.5466	0.9445
3	40.2637	29.6437	2.0135
4	29.0034	40.7287	3.0322
5	14.7900	47.7520	3.9884
6	-0.8152	49.9951	5.0416
7	-16.3618	47.2503	6.0587
8	-30.5826	39.7892	7.0265
9	-41.0293	28.3597	8.0975
10	-47.8076	14.1072	9.1058
11	-49.7488	-1.5293	10.1193
12	-46.5544	-16.9046	11.1462
13	-39.4451	-31.0191	12.1084
14	-27.8269	-41.8007	13.1167
15	-13.6433	-48.9158	14.0911
16	2.3774	-49.9502	15.1511
17	17.8597	-46.5754	16.1700
18	31.5349	-38.6164	17.1851
19	42.0638	-27.1447	18.1721
20	48.3966	-12.5382	19.1942
21	49.9037	3.1198	20.1919
22	46.4236	18.5464	21.1973
23	38.3024	32.1400	22.2230
24	26.3543	42.4871	23.2283
25	11.8390	48.5849	24.2521
26	-3.8525	49.8359	25.2621
27	-19.1165	46.1122	26.2723
28	-32.9441	37.7851	27.2667
29	-43.3991	25.6485	28.2723
30	-48.7298	11.0224	29.2936
31	-49.9600	-4.8101	30.3006
32	-45.7109	-19.9966	31.3142
33	-37.3508	-33.4147	32.3223
34	-24.8881	-43.1423	33.3344
35	-10.4904	-49.5319	34.3413
36	5.6568	-49.2185	35.3541
37	20.7855	-45.3626	36.3635
38	33.9251	-36.7374	37.3738
39	43.6920	-24.2174	38.3829
40	49.0930	-9.3881	39.3924
41	49.5995	6.3088	40.4050
42	45.1448	21.5184	41.4109
43	36.1907	34.5085	42.4224
44	23.6248	44.0724	43.4326
45	8.6655	49.2417	44.4458
46	-7.1272	49.4916	45.4552
47	-21.9722	44.7985	46.4556
48	-34.6264	35.6554	47.4604
49	-44.3011	22.9280	48.4808
50	-49.2804	7.9207	49.4924

Titik ke	x	y	z
51	-49.3719	-7.9001	50.5051
52	-44.4418	-22.9113	51.5152
53	-35.0737	-35.6347	52.5253
54	-22.2033	-44.7997	53.5354
55	-7.1157	-49.4911	54.5455
56	8.6824	-49.2404	55.5556
57	23.6136	-44.0727	56.5657
58	36.1867	-34.5040	57.5758
59	45.1463	-21.4897	58.5859
60	49.5977	-6.3296	59.5960
61	49.0964	9.4626	60.6061
62	43.6925	24.3098	61.6162
63	33.9255	36.7296	62.6263
64	20.7708	45.4816	63.6364
65	5.5419	49.6919	64.6465
66	-10.2403	48.9401	65.6566
67	-25.0000	43.3013	66.6667
68	-37.2632	33.3385	67.6768
69	-45.8054	20.0465	68.6869
70	-49.7736	4.7528	69.6970
71	-48.7715	-11.0155	70.7071
72	-42.8992	-25.6839	71.7172
73	-32.7430	-37.7875	72.7273
74	-19.3173	-46.1177	73.7374
75	-3.9625	-49.8427	74.7475
76	11.7879	-48.5906	75.7576
77	26.3613	-42.4863	76.7677
78	38.3022	-32.1394	77.7778
79	46.4184	-18.5831	78.7879
80	49.8993	-3.1712	79.7980
81	48.3974	12.5574	80.8081
82	42.0627	27.0320	81.8182
83	31.5276	38.8073	82.8283
84	17.8443	46.7074	83.8384
85	2.3791	49.9434	84.8485
86	-13.3237	48.1921	85.8586
87	-27.6960	41.6285	86.8687
88	-39.3027	30.9079	87.8788
89	-46.9846	17.1010	88.8889
90	-49.9748	1.5864	89.8990
91	-47.9746	-14.0866	90.9091
92	-41.1838	-28.3530	91.9192
93	-30.2805	-39.7881	92.9293
94	-16.3534	-47.2500	93.9394
95	-0.7933	-49.9937	94.9495
96	14.8460	-47.7451	95.9596
97	29.0028	-40.7288	96.9697
98	40.2635	-29.6454	97.9798
99	47.5036	-15.6017	98.9899
100	50.0000	-0.0000	100.0000

Titik ke	x	y	z
51	-49.3211	-7.8807	50.5035
52	-44.7854	-23.1214	51.5272
53	-34.9878	-35.5524	52.5214
54	-22.1685	-44.7477	53.5332
55	-7.0500	-49.3367	54.5393
56	8.5598	-49.7104	55.5754
57	23.6239	-44.0034	56.5623
58	36.2256	-33.9740	57.5436
59	45.1461	-21.5013	58.5868
60	49.5937	-6.0573	59.5620
61	49.0962	9.4889	60.6005
62	43.6912	24.3026	61.6191
63	33.9457	36.7439	62.6119
64	20.7497	45.4800	63.6434
65	5.4889	49.6925	64.6566
66	-10.0797	48.9405	65.6360
67	-24.8382	43.3081	66.6513
68	-36.9132	33.3738	67.6495
69	-46.0289	20.0056	68.7023
70	-49.8362	4.7341	69.7012
71	-48.6197	-10.9452	70.6964
72	-42.3828	-25.3242	71.6761
73	-32.8552	-37.9032	72.7381
74	-19.7619	-46.7948	73.7941
75	-4.0459	-50.0313	74.7628
76	12.0653	-47.6483	75.6766
77	26.3816	-42.3792	76.7574
78	38.3042	-32.1228	77.7758
79	46.4091	-18.7079	78.8071
80	49.9114	-2.9853	79.7570
81	48.4047	12.6111	80.7897
82	42.0326	26.9672	81.8562
83	31.6093	38.8561	82.7740
84	17.6885	46.6798	83.8990
85	2.1109	49.9228	84.9167
86	-13.3259	48.1919	85.8590
87	-27.9048	41.6056	86.8986
88	-39.0914	30.9440	87.8531
89	-46.9027	17.1221	88.8798
90	-49.7782	1.6609	89.8777
91	-47.6207	-13.8936	90.8688
92	-41.5251	-28.6168	91.9626
93	-29.9357	-39.4128	92.8765
94	-16.5163	-47.4986	93.9713
95	-0.9355	-50.2976	94.9878
96	14.9953	-47.2998	95.9005
97	29.1193	-40.2474	96.8981
98	40.4089	-28.8458	97.8370
99	47.4791	-15.7591	99.0256
100	49.9923	-0.0424	100.0131

Tabel A.21 Lokasi sumber dengan konfigurasi BCAP3

Titik ke	x	y	z
1	50.0000	0	0
2	47.5036	15.6017	1.0101
3	40.2635	29.6454	2.0202
4	29.0028	40.7288	3.0303
5	14.8460	47.7451	4.0404
6	-0.7933	49.9937	5.0505
7	-16.3534	47.2500	6.0606
8	-30.2805	39.7881	7.0707
9	-41.1838	28.3530	8.0808
10	-47.9746	14.0866	9.0909
11	-49.9748	-1.5864	10.1010
12	-46.9846	-17.1010	11.1111
13	-39.3027	-30.9079	12.1212
14	-27.6960	-41.6285	13.1313
15	-13.3237	-48.1921	14.1414
16	2.3791	-49.9434	15.1515
17	17.8443	-46.7074	16.1616
18	31.5276	-38.8073	17.1717
19	42.0627	-27.0320	18.1818
20	48.3974	-12.5574	19.1919
21	49.8993	3.1712	20.2020
22	46.4184	18.5831	21.2121
23	38.3022	32.1394	22.2222
24	26.3613	42.4863	23.2323
25	11.7879	48.5906	24.2424
26	-3.9625	49.8427	25.2525
27	-19.3173	46.1177	26.2626
28	-32.7430	37.7875	27.2727
29	-42.8992	25.6839	28.2828
30	-48.7715	11.0155	29.2929
31	-49.7736	-4.7528	30.3030
32	-45.8054	-20.0465	31.3131
33	-37.2632	-33.3385	32.3232
34	-25.0000	-43.3013	33.3333
35	-10.2403	-48.9401	34.3434
36	5.5419	-49.6919	35.3535
37	20.7708	-45.4816	36.3636
38	33.9255	-36.7296	37.3737
39	43.6925	-24.3098	38.3838
40	49.0964	-9.4626	39.3939
41	49.5977	6.3296	40.4040
42	45.1463	21.4897	41.4141
43	36.1867	34.5040	42.4242
44	23.6136	44.0727	43.4343
45	8.6824	49.2404	44.4444
46	-7.1157	49.4911	45.4545
47	-22.2033	44.7997	46.4646
48	-35.0737	35.6347	47.4747
49	-44.4418	22.9113	48.4848
50	-49.3719	7.9001	49.4949

Tabel A.22 Estimasi Lokasi sumber dengan konfigurasi BCAP3, SNR 30dB

Titik ke	x	y	z
1	49.8887	2.3811	4.8563
2	47.6832	12.1122	-15.0161
3	40.2328	29.5054	0.6861
4	29.0440	40.7369	3.3899
5	11.6361	47.9155	-8.6419
6	-1.8218	50.0401	3.2003
7	-16.7161	47.2556	5.6728
8	-44.6961	39.4833	-3.9337
9	-35.3492	28.8553	11.3262
10	-41.7524	15.2038	12.0297
11	-41.7480	1.0746	13.7116
12	-32.3297	-9.1168	17.6370
13	-45.3410	-36.0329	9.1072
14	-33.4037	-49.5259	9.5925
15	-30.1490	-90.2778	-1.3659
16	2.3030	-50.2313	15.0501
17	18.6180	-41.4463	18.0542
18	32.0229	-31.3276	20.1697
19	42.0189	-32.2089	15.6207
20	48.3711	-11.7039	19.7702
21	50.0667	0.5893	17.3658
22	46.5601	16.4937	16.7303
23	38.3190	32.1822	22.4462
24	25.9819	42.4699	22.0416
25	13.9725	48.4020	26.9212
26	0.2881	49.5874	28.0171
27	-12.1010	45.9799	29.1813
28	-41.1874	37.5523	24.9285
29	-65.9707	23.6723	23.5353
30	-47.2368	11.3277	29.5738
31	-57.1635	-7.3199	29.0816
32	-42.4039	-18.0382	31.8959
33	-40.6473	-36.5127	31.6935
34	-20.9853	-37.3595	34.2554
35	-21.3691	-78.2893	30.8952
36	9.6355	-33.8513	37.2988
37	21.3424	-41.0354	36.8878
38	33.9118	-37.0358	37.3351
39	43.6369	-20.8362	38.9116
40	48.8925	-6.6483	39.9588
41	49.7086	5.4920	40.1485
42	44.9822	22.5654	42.0178
43	36.2859	34.6518	42.6892
44	23.9821	44.0166	43.6217
45	8.0912	49.3369	44.3309
46	-7.5134	49.5304	45.4192
47	-14.9918	44.5314	46.8030
48	-21.9484	36.0761	47.8121
49	-39.8878	23.4421	48.5413
50	-46.3764	8.6025	49.5062

Titik ke	x	y	z
51	-49.3719	-7.9001	50.5051
52	-44.4418	-22.9113	51.5152
53	-35.0737	-35.6347	52.5253
54	-22.2033	-44.7997	53.5354
55	-7.1157	-49.4911	54.5455
56	8.6824	-49.2404	55.5556
57	23.6136	-44.0727	56.5657
58	36.1867	-34.5040	57.5758
59	45.1463	-21.4897	58.5859
60	49.5977	-6.3296	59.5960
61	49.0964	9.4626	60.6061
62	43.6925	24.3098	61.6162
63	33.9255	36.7296	62.6263
64	20.7708	45.4816	63.6364
65	5.5419	49.6919	64.6465
66	-10.2403	48.9401	65.6566
67	-25.0000	43.3013	66.6667
68	-37.2632	33.3385	67.6768
69	-45.8054	20.0465	68.6869
70	-49.7736	4.7528	69.6970
71	-48.7715	-11.0155	70.7071
72	-42.8992	-25.6839	71.7172
73	-32.7430	-37.7875	72.7273
74	-19.3173	-46.1177	73.7374
75	-3.9625	-49.8427	74.7475
76	11.7879	-48.5906	75.7576
77	26.3613	-42.4863	76.7677
78	38.3022	-32.1394	77.7778
79	46.4184	-18.5831	78.7879
80	49.8993	-3.1712	79.7980
81	48.3974	12.5574	80.8081
82	42.0627	27.0320	81.8182
83	31.5276	38.8073	82.8283
84	17.8443	46.7074	83.8384
85	2.3791	49.9434	84.8485
86	-13.3237	48.1921	85.8586
87	-27.6960	41.6285	86.8687
88	-39.3027	30.9079	87.8788
89	-46.9846	17.1010	88.8889
90	-49.9748	1.5864	89.8990
91	-47.9746	-14.0866	90.9091
92	-41.1838	-28.3530	91.9192
93	-30.2805	-39.7881	92.9293
94	-16.3534	-47.2500	93.9394
95	-0.7933	-49.9937	94.9495
96	14.8460	-47.7451	95.9596
97	29.0028	-40.7288	96.9697
98	40.2635	-29.6454	97.9798
99	47.5036	-15.6017	98.9899
100	50.0000	-0.0000	100.0000

Titik ke	x	y	z
51	-47.6969	-7.2239	50.4988
52	-57.2027	-31.0797	51.6613
53	-32.3378	-32.8166	52.4593
54	-21.0977	-43.0039	53.4864
55	-5.1430	-44.3408	54.3777
56	4.8828	-68.3668	56.2497
57	23.8449	-41.7424	56.4470
58	36.3837	-19.4393	56.4579
59	45.1744	-21.8716	58.6260
60	48.3468	1.1655	58.2435
61	48.8783	10.1924	60.3510
62	43.7673	24.1590	61.7634
63	34.0344	36.7197	61.9272
64	20.3582	45.6911	64.0121
65	4.1959	50.1093	65.2140
66	-6.1636	48.2221	64.5751
67	-20.6680	42.9634	65.8262
68	-28.1294	33.4952	66.1985
69	-52.7176	19.2615	69.6356
70	-51.6184	4.2856	69.9511
71	-44.5824	-9.1354	70.0742
72	-30.1877	-16.4310	69.3988
73	-35.8890	-41.3517	73.4196
74	-32.6137	-71.1788	77.7840
75	-5.9044	-55.7978	75.7558
76	16.0588	-26.3979	71.2895
77	26.5007	-39.4818	76.1143
78	38.2712	-31.6820	77.6518
79	47.0697	-21.9397	80.0918
80	48.4872	0.6885	77.2834
81	47.7721	13.4108	79.6263
82	43.1185	26.7772	84.5283
83	31.3947	37.9893	79.4940
84	16.2340	48.9886	88.3601
85	-2.5651	52.9253	90.0138
86	-13.3696	48.2064	85.8866
87	-32.6515	42.4172	89.0012
88	-34.5802	30.7937	86.1888
89	-45.0533	17.3056	88.2749
90	-45.4495	2.8042	88.4772
91	-40.2367	-10.3234	88.2826
92	-49.5651	-34.8669	95.1061
93	-23.6125	-31.5126	89.5160
94	-19.4718	-53.7645	96.2536
95	-2.8586	-58.0575	97.7537
96	15.8790	-37.9726	92.1278
97	28.5646	-30.7518	92.3770
98	37.5481	-15.5216	89.4855
99	48.8377	-18.6018	101.6120
100	50.5095	-0.5747	100.9392

Tabel A.23 Lokasi sumber dengan konfigurasi BCAP3

Titik ke	x	y	z
1	50.0000	0	0
2	47.5036	15.6017	1.0101
3	40.2635	29.6454	2.0202
4	29.0028	40.7288	3.0303
5	14.8460	47.7451	4.0404
6	-0.7933	49.9937	5.0505
7	-16.3534	47.2500	6.0606
8	-30.2805	39.7881	7.0707
9	-41.1838	28.3530	8.0808
10	-47.9746	14.0866	9.0909
11	-49.9748	-1.5864	10.1010
12	-46.9846	-17.1010	11.1111
13	-39.3027	-30.9079	12.1212
14	-27.6960	-41.6285	13.1313
15	-13.3237	-48.1921	14.1414
16	2.3791	-49.9434	15.1515
17	17.8443	-46.7074	16.1616
18	31.5276	-38.8073	17.1717
19	42.0627	-27.0320	18.1818
20	48.3974	-12.5574	19.1919
21	49.8993	3.1712	20.2020
22	46.4184	18.5831	21.2121
23	38.3022	32.1394	22.2222
24	26.3613	42.4863	23.2323
25	11.7879	48.5906	24.2424
26	-3.9625	49.8427	25.2525
27	-19.3173	46.1177	26.2626
28	-32.7430	37.7875	27.2727
29	-42.8992	25.6839	28.2828
30	-48.7715	11.0155	29.2929
31	-49.7736	-4.7528	30.3030
32	-45.8054	-20.0465	31.3131
33	-37.2632	-33.3385	32.3232
34	-25.0000	-43.3013	33.3333
35	-10.2403	-48.9401	34.3434
36	5.5419	-49.6919	35.3535
37	20.7708	-45.4816	36.3636
38	33.9255	-36.7296	37.3737
39	43.6925	-24.3098	38.3838
40	49.0964	-9.4626	39.3939
41	49.5977	6.3296	40.4040
42	45.1463	21.4897	41.4141
43	36.1867	34.5040	42.4242
44	23.6136	44.0727	43.4343
45	8.6824	49.2404	44.4444
46	-7.1157	49.4911	45.4545
47	-22.2033	44.7997	46.4646
48	-35.0737	35.6347	47.4747
49	-44.4418	22.9113	48.4848
50	-49.3719	7.9001	49.4949

Tabel A.24 Estimasi Lokasi sumber dengan konfigurasi BCAP3, SNR 70dB

Titik ke	x	y	z
1	49.9989	0.0249	0.0530
2	47.5052	15.5697	0.8846
3	40.2632	29.6440	2.0072
4	29.0033	40.7289	3.0339
5	14.8164	47.7467	3.9375
6	-0.8034	49.9942	5.0326
7	-16.3570	47.2501	6.0568
8	-30.4044	39.7851	6.9801
9	-41.1218	28.3581	8.1155
10	-47.9086	14.0981	9.1222
11	-49.8858	-1.5585	10.1401
12	-46.8144	-17.0114	11.1870
13	-39.3595	-30.9564	12.0929
14	-27.7495	-41.7017	13.0985
15	-13.4593	-48.4946	14.0267
16	2.3783	-49.9462	15.1505
17	17.8522	-46.6520	16.1815
18	31.5327	-38.7263	17.2041
19	42.0622	-27.0808	18.1578
20	48.3972	-12.5488	19.1978
21	49.9010	3.1466	20.1757
22	46.4197	18.5634	21.1723
23	38.3024	32.1398	22.2245
24	26.3575	42.4861	23.2208
25	11.8110	48.5886	24.2716
26	-3.9167	49.8401	25.2829
27	-19.2375	46.1162	26.2950
28	-32.8203	37.7852	27.2510
29	-43.0874	25.6652	28.2422
30	-48.7559	11.0187	29.2958
31	-49.8428	-4.7774	30.2914
32	-45.7703	-20.0259	31.3191
33	-37.2959	-33.3691	32.3171
34	-24.9578	-43.2382	33.3430
35	-10.3357	-49.1715	34.3139
36	5.5867	-49.5066	35.3752
37	20.7766	-45.4352	36.3690
38	33.9253	-36.7326	37.3734
39	43.6919	-24.2736	38.3893
40	49.0943	-9.4331	39.3998
41	49.5988	6.3214	40.4015
42	45.1446	21.5009	41.4205
43	36.1877	34.5054	42.4270
44	23.6173	44.0721	43.4363
45	8.6766	49.2413	44.4433
46	-7.1197	49.4915	45.4542
47	-22.1240	44.7967	46.4683
48	-34.9209	35.6391	47.4785
49	-44.3941	22.9167	48.4854
50	-49.3411	7.9072	49.4951



Titik ke	x	y	z
51	-49.3719	-7.9001	50.5051
52	-44.4418	-22.9113	51.5152
53	-35.0737	-35.6347	52.5253
54	-22.2033	-44.7997	53.5354
55	-7.1157	-49.4911	54.5455
56	8.6824	-49.2404	55.5556
57	23.6136	-44.0727	56.5657
58	36.1867	-34.5040	57.5758
59	45.1463	-21.4897	58.5859
60	49.5977	-6.3296	59.5960
61	49.0964	9.4626	60.6061
62	43.6925	24.3098	61.6162
63	33.9255	36.7296	62.6263
64	20.7708	45.4816	63.6364
65	5.5419	49.6919	64.6465
66	-10.2403	48.9401	65.6566
67	-25.0000	43.3013	66.6667
68	-37.2632	33.3385	67.6768
69	-45.8054	20.0465	68.6869
70	-49.7736	4.7528	69.6970
71	-48.7715	-11.0155	70.7071
72	-42.8992	-25.6839	71.7172
73	-32.7430	-37.7875	72.7273
74	-19.3173	-46.1177	73.7374
75	-3.9625	-49.8427	74.7475
76	11.7879	-48.5906	75.7576
77	26.3613	-42.4863	76.7677
78	38.3022	-32.1394	77.7778
79	46.4184	-18.5831	78.7879
80	49.8993	-3.1712	79.7980
81	48.3974	12.5574	80.8081
82	42.0627	27.0320	81.8182
83	31.5276	38.8073	82.8283
84	17.8443	46.7074	83.8384
85	2.3791	49.9434	84.8485
86	-13.3237	48.1921	85.8586
87	-27.6960	41.6285	86.8687
88	-39.3027	30.9079	87.8788
89	-46.9846	17.1010	88.8889
90	-49.9748	1.5864	89.8990
91	-47.9746	-14.0866	90.9091
92	-41.1838	-28.3530	91.9192
93	-30.2805	-39.7881	92.9293
94	-16.3534	-47.2500	93.9394
95	-0.7933	-49.9937	94.9495
96	14.8460	-47.7451	95.9596
97	29.0028	-40.7288	96.9697
98	40.2635	-29.6454	97.9798
99	47.5036	-15.6017	98.9899
100	50.0000	-0.0000	100.0000

Titik ke	x	y	z
51	-49.3549	-7.8932	50.5050
52	-44.5555	-22.9854	51.5165
53	-35.0456	-35.6057	52.5246
54	-22.1921	-44.7814	53.5349
55	-7.0954	-49.4370	54.5437
56	8.6475	-49.4033	55.5619
57	23.6159	-44.0488	56.5645
58	36.1881	-34.3238	57.5632
59	45.1466	-21.4935	58.5863
60	49.5834	-6.2439	59.5808
61	49.0942	9.4700	60.6035
62	43.6932	24.3083	61.6176
63	33.9265	36.7294	62.6190
64	20.7667	45.4836	63.6400
65	5.5288	49.6959	64.6520
66	-10.1968	48.9324	65.6451
67	-24.9542	43.2977	66.6579
68	-37.1621	33.3398	67.6610
69	-45.8703	20.0389	68.6960
70	-49.7917	4.7482	69.6995
71	-48.7279	-10.9962	70.7006
72	-42.7536	-25.5794	71.6919
73	-32.7734	-37.8218	72.7340
74	-19.4298	-46.3201	73.7731
75	-3.9813	-49.8992	74.7572
76	11.8359	-48.3100	75.7057
77	26.3627	-42.4553	76.7610
78	38.3019	-32.1348	77.7765
79	46.4246	-18.6152	78.8005
80	49.8838	-3.1296	79.7710
81	48.3909	12.5661	80.7959
82	42.0721	27.0291	81.8435
83	31.5252	38.7975	82.7919
84	17.8285	46.7269	83.8792
85	2.3342	49.9688	84.8946
86	-13.3241	48.1923	85.8589
87	-27.7427	41.6358	86.8890
88	-39.2529	30.9066	87.8612
89	-46.9649	17.1031	88.8827
90	-49.9276	1.5989	89.8843
91	-47.8910	-14.0467	90.8813
92	-41.2609	-28.4133	91.9492
93	-30.2080	-39.6974	92.8927
94	-16.3832	-47.3113	93.9616
95	-0.8132	-50.0686	94.9761
96	14.8563	-47.6371	95.9184
97	28.9968	-40.6172	96.9196
98	40.2270	-29.4746	97.8797
99	47.5160	-15.6304	99.0150
100	50.0050	-0.0057	100.0092

