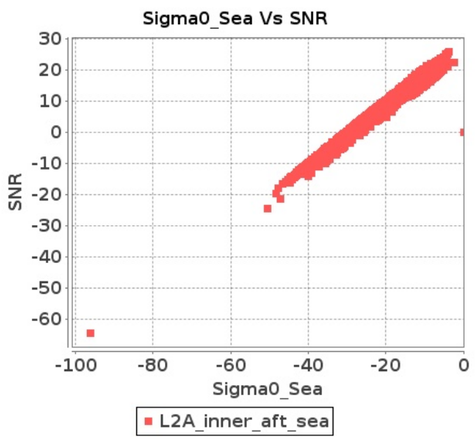
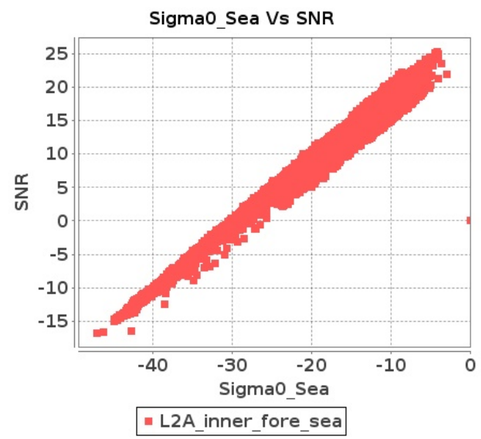
SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 14-JAN-2017 To 15-JAN-2017

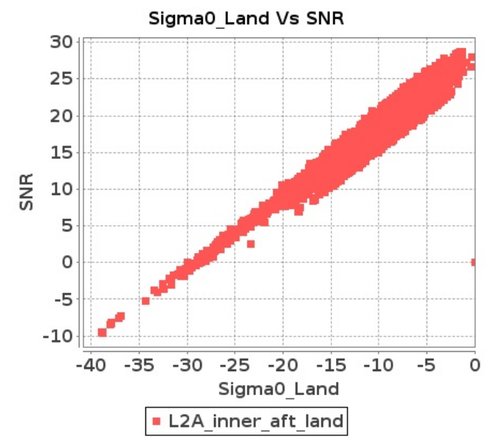
Inner Sea Aft Sigma0VsSNR



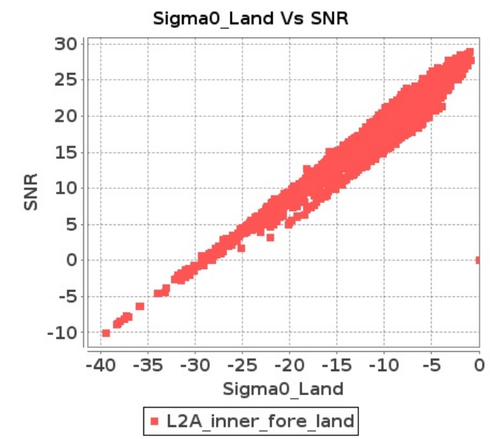
Inner Sea Fore Sigma0VsSNR



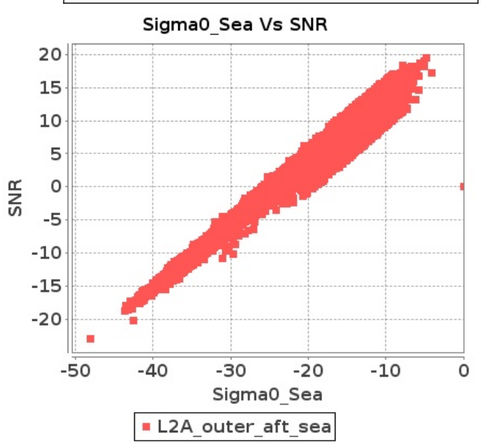
Inner Land Aft Sigma0VsSNR



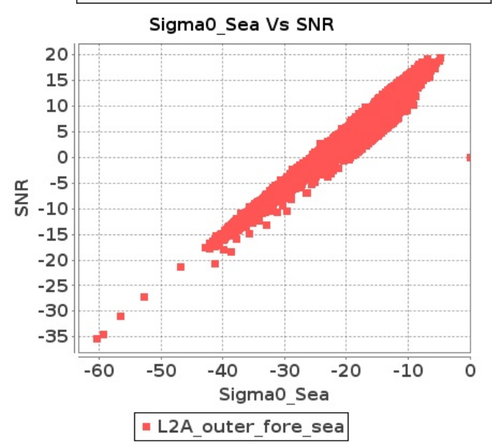
Inner Land Fore Sigma0VsSNR



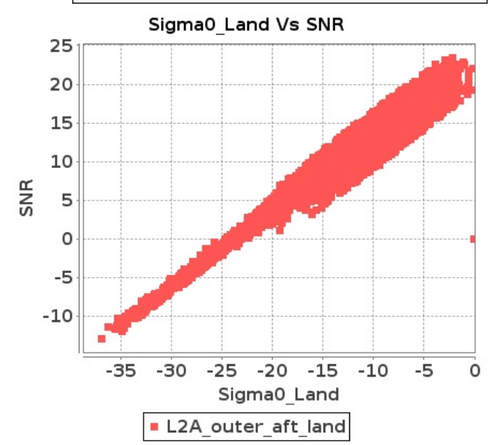
Outer Sea Aft Sigma0VsSNR



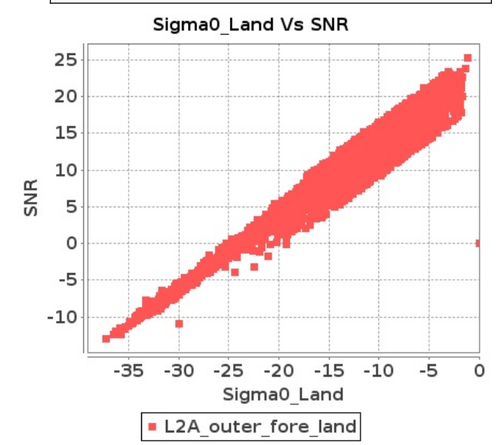
Outer Sea Fore Sigma0VsSNR



Outer Land Aft Sigma0VsSNR



Outer Land Fore Sigma0VsSNR



SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 14-JAN-2017 To 15-JAN-2017

					SNR												Sigma0											
					Inner Aft			Inner Fore			Outer Aft			Outer Fore			Inner Aft			Inner Fore			Outer Aft			Outer Fore		
Sr No	Start Orbit	End Orbit	Dir.	Ver.	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)
1	1593	1594	NS	1	0.0	50.5	3.196	0.0	52.638	3.007	0.0	53.522	2.6	0.0	49.761	3.169	0.0	51.765	3.293	0.0	50.36	2.872	0.0	54.821	2.921	0.0	50.572	2.533
2	1593	1594	SN	1	0.0	41.767	0.915	0.0	49.776	0.978	0.0	45.377	1.032	0.0	46.608	1.385	0.0	40.649	0.814	0.0	53.732	0.727	0.0	48.286	0.925	0.0	41.031	0.9
3	1593	1594	SN	1	0.0	52.61	3.144	0.0	51.628	3.369	0.0	45.261	2.85	0.0	44.668	3.925	0.0	52.159	3.136	0.0	50.917	2.608	0.0	43.283	2.886	0.0	40.948	2.641
4	1593	1594	SN	1	0.0	52.61	3.144	0.0	51.628	3.369	0.0	45.261	2.85	0.0	44.668	3.925	0.0	52.159	3.136	0.0	50.917	2.608	0.0	43.283	2.886	0.0	40.948	2.641
5	1593	1594	NS	1	0.0	55.588	10.026	0.0	58.317	10.39	0.0	54.391	8.228	0.0	49.629	9.501	0.0	55.573	10.481	0.0	59.114	9.774	0.0	53.779	8.86	0.0	54.324	8.143
6	1593	1594	NS	1	0.0	55.588	10.026	0.0	58.317	10.39	0.0	54.391	8.228	0.0	49.629	9.501	0.0	55.573	10.481	0.0	59.114	9.774	0.0	53.779	8.86	0.0	54.324	8.143
7	1593	1594	SN	1	0.0	41.767	0.915	0.0	49.776	0.978	0.0	45.377	1.032	0.0	46.608	1.385	0.0	40.649	0.814	0.0	53.732	0.727	0.0	48.286	0.925	0.0	41.031	0.9
8	1593	1594	NS	1	0.0	50.5	3.196	0.0	52.638	3.007	0.0	53.522	2.6	0.0	49.761	3.169	0.0	51.765	3.293	0.0	50.36	2.872	0.0	54.821	2.921	0.0	50.572	2.533
9	1594	1595	SN	1	0.0	61.103	6.904	0.0	51.945	7.726	0.0	60.308	5.509	0.0	61.424	6.792	0.0	64.197	6.685	0.0	53.182	7.049	0.0	60.546	5.708	0.0	60.774	5.508
10	1594	1595	SN	1	0.0	53.775	2.049	0.0	55.192	2.247	0.0	55.134	1.741	0.0	54.739	2.422	0.0	54.591	2.057	0.0	53.436	1.933	0.0	58.031	1.865	0.0	49.609	1.825
11	1594	1595	NS	1	0.0	49.974	1.934	0.0	51.693	1.937	0.0	55.437	1.601	0.0	56.342	2.009	0.0	48.47	2.02	0.0	52.714	1.796	0.0	58.602	1.702	0.0	53.093	1.653
12	1594	1595	SN	1	0.0	53.775	2.049	0.0	55.192	2.247	0.0	55.134	1.741	0.0	54.739	2.422	0.0	54.591	2.057	0.0	53.436	1.933	0.0	58.031	1.865	0.0	49.609	1.825
13	1594	1595	NS	1	0.0	54.623	6.158	0.0	61.168	6.507	0.0	52.346	5.016	0.0	59.31	6.218	0.0	53.664	6.344	0.0	63.005	6.102	0.0	56.551	5.62	0.0	62.547	5.286
14	1594	1595	SN	1	0.0	61.103	6.904	0.0	51.945	7.726	0.0	60.308	5.509	0.0	61.424	6.792	0.0	64.197	6.685	0.0	53.182	7.049	0.0	60.546	5.708	0.0	60.774	5.508
15	1594	1595	NS	1	0.0	54.623	6.158	0.0	61.168	6.507	0.0	52.346	5.016	0.0	59.31	6.218	0.0	53.664	6.344	0.0	63.005	6.102	0.0	56.551	5.62	0.0	62.547	5.286
16	1594	1595	NS	1	0.0	49.974	1.934	0.0	51.693	1.937	0.0	55.437	1.601	0.0	56.342	2.009	0.0	48.47	2.02	0.0	52.714	1.796	0.0	58.602	1.702	0.0	53.093	1.653
17	1595	1596	NS	1	0.0	52.578	4.26	0.0	45.279	5.965	0.0	56.014	4.226	0.0	46.063	6.049	0.0	52.82	3.999	0.0	43.095	5.113	0.0	52.546	4.255	0.0	46.119	4.199
18	1595	1596	SN	1	0.0	48.232	2.436	0.0	48.786	3.047	0.0	55.995	2.181	0.0	55.629	3.348	0.0	48.608	2.364	0.0	51.64	2.613	0.0	58.759	2.23	0.0	54.174	2.424
19	1595	1596	SN	1	0.0	51.773	7.323	0.0	50.899	9.541	0.0	47.61	6.419	0.0	45.697	8.894	0.0	49.035	7.197	0.0	49.495	8.296	0.0	47.979	6.682	0.0	45.243	7.039
20	1595	1596	NS	1	0.0	47.925	1.269	0.0	39.793	1.874	0.0	53.243	1.416	0.0	42.849	2.161	0.0	53.446	1.242	0.0	41.367	1.539	0.0	52.598	1.42	0.0	40.694	1.379
21	1595	1596	SN	1	0.0	48.232	2.436	0.0	48.786	3.047	0.0	55.995	2.181	0.0	55.629	3.348	0.0	48.608	2.364	0.0	51.64	2.613	0.0	58.759	2.23	0.0	54.174	2.424
22	1595	1596	SN	1	0.0	51.773	7.323	0.0	50.899	9.541	0.0	47.61	6.419	0.0	45.697	8.894	0.0	49.035	7.197	0.0	49.495	8.296	0.0	47.979	6.682	0.0	45.243	7.039
23	1595	1596	NS	1	0.0	52.578	4.26	0.0	45.279	5.965	0.0	56.014	4.226	0.0	46.063	6.049	0.0	52.82	3.999	0.0	43.095	5.113	0.0	52.546	4.255	0.0	46.119	4.199
24	1595	1596	NS	1	0.0	47.925	1.269	0.0	39.793	1.874	0.0	53.243	1.416	0.0	42.849	2.161	0.0	53.446	1.242	0.0	41.367	1.539	0.0	52.598	1.42	0.0	40.694	1.379
25	1596	1597	SN	1	0.0	50.947	7.072	0.0	58.373	8.139	0.0	60.056	6.162	0.0	49.456	8.604	0.0	50.422	7.653	0.0	57.984	7.733	0.0	65.188	6.773	0.0	46.419	7.056
26	1596	1597	NS	1	0.0	47.838	1.712	0.0	54.527	2.324	0.0	49.886	1.594	0.0	56.071	2.627	0.0	51.706	1.714	0.0	53.667	2.155	0.0	50.286	1.782	0.0	55.895	1.993
27	1596	1597	SN	1	0.0	50.947	7.072	0.0	58.373	8.139	0.0	60.056	6.162	0.0	49.456	8.604	0.0	50.422	7.653	0.0	57.984	7.733	0.0	65.188	6.773	0.0	46.419	7.056
28	1596	1597	SN	1	0.0	57.067	2.309	0.0	50.452	2.806	0.0	56.172	2.12	0.0	45.855	3.12	0.0	57.517	2.446	0.0	48.888	2.652	0.0	58.97	2.317	0.0	46.763	2.479
29	1596	1597	SN	1	0.0	57.067	2.309	0.0	50.452	2.806	0.0	56.172	2.12	0.0	45.855	3.12	0.0	57.517	2.446	0.0	48.888	2.652	0.0	58.97	2.317	0.0	46.763	2.479
30	1596	1597	NS	1	0.0	47.838	1.712	0.0	54.527	2.324	0.0	49.886	1.594	0.0	56.071	2.627	0.0	51.706	1.714	0.0	53.667	2.155	0.0	50.286	1.782	0.0	55.895	1.993
31	1596	1597	NS	1	0.0	61.834	5.543	0.0	49.572	6.901	0.0	41.883	4.726	0.0	47.674	7.32	0.0	62.282	5.518	0.0	50.08	6.403	0.0	46.864	5.231	0.0	46.59	5.726

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Alarming
Deviations
High Errors

32	1596	1597	NS	1	0.0	61.834	5.543	0.0	49.572	6.901	0.0	41.883	4.726	0.0	47.674	7.32	0.0	62.282	5.518	0.0	50.08	6.403	0.0	46.864	5.231	0.0	46.59	5.726
33	1597	1598	SN	1	0.0	49.697	4.223	0.0	52.066	5.175	0.0	57.988	4.08	0.0	50.248	6.773	0.0	53.355	4.071	0.0	53.114	4.388	0.0	60.317	3.625	0.0	52.753	4.62
34	1597	1598	NS	1	0.0	55.07	3.782	0.0	49.024	4.184	0.0	61.151	2.934	0.0	45.341	4.504	0.0	55.582	3.639	0.0	44.154	3.627	0.0	62.678	2.721	0.0	47.602	2.91
35	1597	1598	NS	1	0.0	52.644	0.995	0.0	45.302	1.033	0.0	38.246	0.785	0.0	47.878	1.283	0.0	55.305	0.938	0.0	44.382	0.894	0.0	40.979	0.698	0.0	48.81	0.714
36	1597	1598	SN	1	0.0	49.868	1.38	0.0	40.988	1.91	0.0	54.793	1.399	0.0	49.795	2.809	0.0	48.601	1.258	0.0	40.858	1.419	0.0	57.161	1.342	0.0	51.349	1.63
37	1597	1598	SN	1	0.0	49.868	1.38	0.0	40.988	1.91	0.0	54.793	1.399	0.0	49.795	2.809	0.0	48.601	1.258	0.0	40.858	1.419	0.0	57.161	1.342	0.0	51.349	1.63
38	1597	1598	NS	1	0.0	55.07	3.782	0.0	49.024	4.184	0.0	61.151	2.934	0.0	45.341	4.504	0.0	55.582	3.639	0.0	44.154	3.627	0.0	62.678	2.721	0.0	47.602	2.91
39	1597	1598	NS	1	0.0	52.644	0.995	0.0	45.302	1.033	0.0	38.246	0.785	0.0	47.878	1.283	0.0	55.305	0.938	0.0	44.382	0.894	0.0	40.979	0.698	0.0	48.81	0.714
40	1597	1598	SN	1	0.0	49.697	4.223	0.0	52.066	5.175	0.0	57.988	4.08	0.0	50.248	6.773	0.0	53.355	4.071	0.0	53.114	4.388	0.0	60.317	3.625	0.0	52.753	4.62
41	1598	1599	SN	1	0.0	48.594	1.934	0.0	59.815	2.372	0.0	55.113	2.166	0.0	52.813	3.033	0.0	50.478	1.96	0.0	64.67	2.066	0.0	58.096	2.219	0.0	54.761	2.212
42	1598	1599	NS	1	0.0	49.999	2.078	0.0	46.378	2.251	0.0	52.38	1.797	0.0	52.067	3.05	0.0	50.804	1.944	0.0	48.689	1.864	0.0	54.994	1.742	0.0	50.595	1.793
43	1598	1599	NS	1	0.0	51.407	6.646	0.0	48.248	7.48	0.0	47.627	5.577	0.0	64.343	8.34	0.0	51.571	6.166	0.0	50.266	6.4	0.0	51.338	5.399	0.0	59.219	5.951
44	1598	1599	SN	1	0.0	48.594	1.934	0.0	59.815	2.372	0.0	55.113	2.166	0.0	52.813	3.033	0.0	50.478	1.96	0.0	64.67	2.066	0.0	58.096	2.219	0.0	54.761	2.212
45	1598	1599	NS	1	0.0	49.999	2.078	0.0	46.378	2.251	0.0	52.38	1.797	0.0	52.067	3.05	0.0	50.804	1.944	0.0	48.689	1.864	0.0	54.994	1.742	0.0	50.595	1.793
46	1598	1599	SN	1	0.0	47.072	5.937	0.0	58.599	7.381	0.0	48.426	6.138	0.0	51.565	7.828	0.0	49.794	5.996	0.0	59.958	6.654	0.0	49.571	6.373	0.0	51.619	6.017
47	1598	1599	NS	1	0.0	51.407	6.646	0.0	48.248	7.48	0.0	47.627	5.577	0.0	64.343	8.34	0.0	51.571	6.166	0.0	50.266	6.4	0.0	51.338	5.399	0.0	59.219	5.951
48	1598	1599	SN	1	0.0	47.072	5.937	0.0	58.599	7.381	0.0	48.426	6.138	0.0	51.565	7.828	0.0	49.794	5.996	0.0	59.958	6.654	0.0	49.571	6.373	0.0	51.619	6.017
49	1599	1600	NS	1	0.0	45.934	1.495	0.0	46.325	1.99	0.0	56.354	1.631	0.0	54.083	2.621	0.0	46.084	1.362	0.0	49.854	1.645	0.0	54.818	1.586	0.0	50.97	1.635
50	1599	1600	SN	1	0.0	46.217	3.478	0.0	52.511	3.194	0.0	48.732	2.441	0.0	53.582	3.121	0.0	46.137	3.524	0.0	51.435	3.03	0.0	51.715	2.696	0.0	54.693	2.502
51	1599	1600	NS	1	0.0	49.258	5.214	0.0	49.089	6.958	0.0	46.797	5.37	0.0	52.695	7.75	0.0	50.431	5.147	0.0	47.216	5.971	0.0	49.171	5.072	0.0	51.113	5.091
52	1599	1600	SN	1	0.0	53.282	10.253	0.0	49.355	10.53	0.0	47.349	7.83	0.0	50.776	9.011	0.0	53.731	10.421	0.0	49.797	9.848	0.0	50.915	8.335	0.0	49.949	7.673
53	1599	1600	NS	1	0.0	49.258	5.214	0.0	49.089	6.958	0.0	46.797	5.37	0.0	52.695	7.75	0.0	50.431	5.147	0.0	47.216	5.971	0.0	49.171	5.072	0.0	51.113	5.091
54	1599	1600	NS	1	0.0	45.934	1.495	0.0	46.325	1.99	0.0	56.354	1.631	0.0	54.083	2.621	0.0	46.084	1.362	0.0	49.854	1.645	0.0	54.818	1.586	0.0	50.97	1.635
55	1599	1600	SN	1	0.0	53.282	10.253	0.0	49.355	10.53	0.0	47.349	7.83	0.0	50.776	9.011	0.0	53.731	10.421	0.0	49.797	9.848	0.0	50.915	8.335	0.0	49.949	7.673
56	1599	1600	SN	1	0.0	46.217	3.478	0.0	52.511	3.194	0.0	48.732	2.441	0.0	53.582	3.121	0.0	46.137	3.524	0.0	51.435	3.03	0.0	51.715	2.696	0.0	54.693	2.502
57	1600	1601	NS	1	0.0	48.296	1.742	0.0	52.434	2.079	0.0	47.083	1.645	0.0	47.819	2.679	0.0	47.055	1.632	0.0	49.964	1.765	0.0	49.203	1.583	0.0	48.144	1.63
58	1600	1601	SN	1	0.0	61.178	2.934	0.0	49.312	2.513	0.0	57.827	2.143	0.0	51.597	2.482	0.0	64.175	2.949	0.0	46.784	2.336	0.0	53.731	2.287	0.0	49.43	2.047
59	1600	1601	NS	1	0.0	50.967	6.098	0.0	64.414	7.059	0.0	50.049	5.129	0.0	52.935	7.608	0.0	53.064	5.82	0.0	65.943	5.988	0.0	53.324	5.001	0.0	51.637	5.183
60	1600	1601	NS	1	0.0	50.967	6.098	0.0	64.414	7.059	0.0	50.049	5.129	0.0	52.935	7.608	0.0	53.064	5.82	0.0	65.943	5.988	0.0	53.324	5.001	0.0	51.637	5.183
61	1600	1601	SN	1	0.0	62.205	8.88	0.0	59.829	8.689	0.0	59.109	6.744	0.0	65.116	7.465	0.0	64.26	8.955	0.0	61.973	8.075	0.0	57.551	7.022	0.0	66.846	6.12
62	1600	1601	SN	1	0.0	61.178	2.934	0.0	49.312	2.513	0.0	57.827	2.143	0.0	51.597	2.482	0.0	64.175	2.949	0.0	46.784	2.336	0.0	53.731	2.287	0.0	49.43	2.047
63	1600	1601	SN	1	0.0	62.205	8.88	0.0	59.829	8.689	0.0	59.109	6.744	0.0	65.116	7.465	0.0	64.26	8.955	0.0	61.973	8.075	0.0	57.551	7.022	0.0	66.846	6.12
64	1600	1601	NS	1	0.0	48.296	1.742	0.0	52.434	2.079	0.0	47.083	1.645	0.0	47.819	2.679	0.0	47.055	1.632	0.0	49.964	1.765	0.0	49.203	1.583	0.0	48.144	1.63
65	1601	1602	SN	1	0.0	57.285	6.893	0.0	52.171	7.797	0.0	49.303	5.749	0.0	50.335	7.433	0.0	58.953	6.725	0.0	51.499	6.795	0.0	47.817	5.785	0.0	48.019	5.649
66	1601	1602	NS	1	100000.0	-100000.0	0.0	0.0	9.435	0.0	100000.0	-100000.0	0.0	0.0	10.534	0.0	100000.0	-100000.0	0.0	0.0	7.865	0.0	100000.0	-100000.0	0.0	0.0	7.682	0.0
67	1601	1602	SN	1	0.0	48.56	2.36	0.0	50.143	2.388	0.0	53.345	1.826	0.0	54.615	2.47	0.0	49.223	2.324	0.0	48.013	2.066	0.0	57.081	1.814	0.0	48.77	1.639

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Deviations
Alarming
High Errors

68	1601	1602	SN	1	0.0	57.285	6.893	0.0	52.171	7.797	0.0	49.303	5.749	0.0	50.335	7.433	0.0	58.953	6.725	0.0	51.499	6.795	0.0	47.817	5.785	0.0	48.019	5.649
69	1601	1602	NS	1	100000.0	-100000.0	0.0	0.0	10.954	0.0	100000.0	-100000.0	0.0	0.0	18.835	0.0	100000.0	-100000.0	0.0	0.0	9.789	0.0	100000.0	-100000.0	0.0	0.0	18.083	0.0
70	1601	1602	NS	1	100000.0	-100000.0	0.0	0.0	10.954	0.0	100000.0	-100000.0	0.0	0.0	18.835	0.0	100000.0	-100000.0	0.0	0.0	9.789	0.0	100000.0	-100000.0	0.0	0.0	18.083	0.0
71	1601	1602	NS	1	100000.0	-100000.0	0.0	0.0	9.435	0.0	100000.0	-100000.0	0.0	0.0	10.534	0.0	100000.0	-100000.0	0.0	0.0	7.865	0.0	100000.0	-100000.0	0.0	0.0	7.682	0.0
72	1601	1602	SN	1	0.0	48.56	2.36	0.0	50.143	2.388	0.0	53.345	1.826	0.0	54.615	2.47	0.0	49.223	2.324	0.0	48.013	2.066	0.0	57.081	1.814	0.0	48.77	1.639
73	1602	1603	SN	1	0.0	48.022	1.367	0.0	49.493	1.742	0.0	53.788	1.174	0.0	45.275	2.193	0.0	50.192	1.327	0.0	51.42	1.392	0.0	58.91	1.17	0.0	44.765	1.431
74	1602	1603	NS	1	0.0	46.78	1.994	0.0	56.568	2.417	0.0	46.651	1.765	0.0	45.694	2.825	0.0	51.736	1.954	0.0	54.074	2.024	0.0	46.194	1.828	0.0	46.391	1.822
75	1602	1603	NS	1	0.0	46.78	1.994	0.0	56.568	2.417	0.0	46.651	1.765	0.0	45.694	2.825	0.0	51.736	1.954	0.0	54.074	2.024	0.0	46.194	1.828	0.0	46.391	1.822
76	1602	1603	SN	1	0.0	51.152	4.29	0.0	61.004	5.445	0.0	50.692	3.461	0.0	43.706	5.846	0.0	50.755	4.079	0.0	60.599	4.523	0.0	50.304	3.333	0.0	41.985	3.771
77	1602	1603	SN	1	0.0	48.022	1.367	0.0	49.493	1.742	0.0	53.788	1.174	0.0	45.275	2.193	0.0	50.192	1.327	0.0	51.42	1.392	0.0	58.91	1.17	0.0	44.765	1.431
78	1602	1603	SN	1	0.0	51.152	4.29	0.0	61.004	5.445	0.0	50.692	3.461	0.0	43.706	5.846	0.0	50.755	4.079	0.0	60.599	4.523	0.0	50.304	3.333	0.0	41.985	3.771
79	1602	1603	NS	1	0.0	55.485	6.517	0.0	53.802	7.918	0.0	53.342	5.525	0.0	48.279	8.021	0.0	57.488	6.281	0.0	55.784	6.805	0.0	55.588	5.653	0.0	45.013	5.561
80	1602	1603	NS	1	0.0	55.485	6.517	0.0	53.802	7.918	0.0	53.342	5.525	0.0	48.279	8.021	0.0	57.488	6.281	0.0	55.784	6.805	0.0	55.588	5.653	0.0	45.013	5.561
81	1603	1604	NS	1	0.0	50.421	4.926	0.0	59.832	6.729	0.0	45.213	4.729	0.0	49.485	7.269	0.0	49.713	4.665	0.0	59.824	5.521	0.0	45.747	4.9	0.0	48.302	4.759
82	1603	1604	SN	1	0.0	51.186	2.027	0.0	47.416	2.287	0.0	49.933	2.042	0.0	52.125	2.667	0.0	54.302	1.95	0.0	47.907	1.832	0.0	50.999	1.971	0.0	51.206	1.646
83	1603	1604	NS	1	0.0	50.302	1.482	0.0	55.952	2.233	0.0	55.12	1.735	0.0	55.949	2.939	0.0	50.603	1.41	0.0	56.193	1.739	0.0	54.133	1.717	0.0	53.409	1.737
84	1603	1604	NS	1	0.0	50.421	4.926	0.0	59.832	6.729	0.0	45.213	4.729	0.0	49.485	7.269	0.0	49.713	4.665	0.0	59.824	5.521	0.0	45.747	4.9	0.0	48.302	4.759
85	1603	1604	NS	1	0.0	50.302	1.482	0.0	55.952	2.233	0.0	55.12	1.735	0.0	55.949	2.939	0.0	50.603	1.41	0.0	56.193	1.739	0.0	54.133	1.717	0.0	53.409	1.737
86	1603	1604	SN	1	0.0	68.466	7.097	0.0	50.482	7.331	0.0	51.814	5.999	0.0	53.885	7.371	0.0	66.566	6.743	0.0	51.24	6.012	0.0	54.29	5.928	0.0	50.53	5.069
87	1603	1604	SN	1	0.0	51.186	2.027	0.0	47.416	2.287	0.0	49.933	2.042	0.0	52.125	2.667	0.0	54.302	1.95	0.0	47.907	1.832	0.0	50.999	1.971	0.0	51.206	1.646
88	1603	1604	SN	1	0.0	68.466	7.097	0.0	50.482	7.331	0.0	51.814	5.999	0.0	53.885	7.371	0.0	66.566	6.743	0.0	51.24	6.012	0.0	54.29	5.928	0.0	50.53	5.069
89	1604	1605	SN	1	0.0	51.809	5.022	0.0	64.635	5.954	0.0	51.495	4.618	0.0	45.898	5.59	0.0	52.074	4.719	0.0	61.986	5.159	0.0	49.121	4.071	0.0	44.45	4.0
90	1604	1605	NS	1	0.0	50.466	5.044	0.0	56.738	6.554	0.0	49.829	5.217	0.0	54.881	7.447	0.0	52.965	4.951	0.0	54.773	5.559	0.0	53.562	5.288	0.0	55.287	5.584
91	1604	1605	NS	1	0.0	53.876	1.766	0.0	51.348	2.206	0.0	45.338	1.84	0.0	52.895	2.712	0.0	52.962	1.606	0.0	49.621	1.763	0.0	44.887	1.773	0.0	51.566	1.84
92	1604	1605	SN	1	0.0	51.809	5.022	0.0	64.635	5.954	0.0	51.495	4.618	0.0	45.898	5.59	0.0	52.074	4.719	0.0	61.986	5.159	0.0	49.121	4.071	0.0	44.45	4.0
93	1604	1605	NS	1	0.0	50.466	5.044	0.0	56.738	6.554	0.0	49.829	5.217	0.0	54.881	7.447	0.0	52.965	4.951	0.0	54.773	5.559	0.0	53.562	5.288	0.0	55.287	5.584
94	1604	1605	NS	1	0.0	53.876	1.766	0.0	51.348	2.206	0.0	45.338	1.84	0.0	52.895	2.712	0.0	52.962	1.606	0.0	49.621	1.763	0.0	44.887	1.773	0.0	51.566	1.84
95	1605	1606	NS	1	0.0	47.216	1.593	0.0	47.728	2.031	0.0	46.395	1.608	0.0	47.122	2.566	0.0	48.611	1.574	0.0	45.063	1.677	0.0	46.636	1.642	0.0	47.443	1.591
96	1605	1606	SN	1	0.0	54.734	3.388	0.0	45.714	4.677	0.0	47.898	3.311	0.0	48.666	4.977	0.0	52.282	3.126	0.0	45.433	3.755	0.0	52.532	3.162	0.0	44.781	2.881
97	1605	1606	NS	1	0.0	51.835	5.069	0.0	51.88	5.803	0.0	50.256	4.38	0.0	46.574	6.814	0.0	54.119	4.834	0.0	50.443	5.12	0.0	53.32	4.522	0.0	48.352	4.794
98	1605	1606	NS	1	0.0	51.835	5.069	0.0	51.88	5.803	0.0	50.256	4.38	0.0	46.574	6.814	0.0	54.119	4.834	0.0	50.443	5.12	0.0	53.32	4.522	0.0	48.352	4.794
99	1605	1606	SN	1	0.0	48.252	1.167	0.0	49.289	1.535	0.0	52.199	1.076	0.0	55.605	1.751	0.0	50.121	1.041	0.0	45.281	1.203	0.0	55.101	0.996	0.0	56.137	0.87
100	1605	1606	SN	1	0.0	48.252	1.167	0.0	49.289	1.535	0.0	52.199	1.076	0.0	55.605	1.751	0.0	50.121	1.041	0.0	45.281	1.203	0.0	55.101	0.996	0.0	56.137	0.87
101	1605	1606	SN	1	0.0	54.734	3.388	0.0	45.714	4.677	0.0	47.898	3.311	0.0	48.666	4.977	0.0	52.282	3.126	0.0	45.433	3.755	0.0	52.532	3.162	0.0	44.781	2.881
102	1605	1606	NS	1	0.0	47.216	1.593	0.0	47.728	2.031	0.0	46.395	1.608	0.0	47.122	2.566	0.0	48.611	1.574	0.0	45.063	1.677	0.0	46.636	1.642	0.0	47.443	1.591
103	1606	1607	NS	1	0.0	58.344	2.164	0.0	47.193	2.62	0.0	52.377	2.01	0.0	51.716	2.941	0.0	61.987	2.148	0.0	49.122	2.275	0.0	52.132	2.025	0.0	54.455	2.104

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Alarming
Deviations
High Errors

104	1606	1607	SN	1	0.0	50.409	4.644	0.0	48.525	6.673	0.0	48.174	4.064	0.0	49.089	7.465	0.0	52.663	4.686	0.0	52.257	5.582	0.0	51.587	4.405	0.0	50.482	5.248
105	1606	1607	NS	1	0.0	58.344	2.164	0.0	47.193	2.62	0.0	52.377	2.01	0.0	51.716	2.941	0.0	61.987	2.148	0.0	49.122	2.275	0.0	52.132	2.025	0.0	54.455	2.104
106	1606	1607	NS	1	0.0	64.972	6.93	0.0	57.649	8.425	0.0	53.452	5.899	0.0	48.433	7.645	0.0	67.862	7.048	0.0	57.81	7.287	0.0	52.108	6.41	0.0	50.53	6.045
107	1606	1607	SN	1	0.0	47.795	1.575	0.0	44.243	2.287	0.0	53.916	1.565	0.0	48.879	3.106	0.0	46.435	1.467	0.0	47.199	1.862	0.0	55.04	1.577	0.0	52.061	1.991
108	1606	1607	SN	1	0.0	50.409	4.644	0.0	48.525	6.673	0.0	48.174	4.064	0.0	49.089	7.465	0.0	52.663	4.686	0.0	52.257	5.582	0.0	51.587	4.405	0.0	50.482	5.248
109	1606	1607	SN	1	0.0	47.795	1.575	0.0	44.243	2.287	0.0	53.916	1.565	0.0	48.879	3.106	0.0	46.435	1.467	0.0	47.199	1.862	0.0	55.04	1.577	0.0	52.061	1.991
110	1606	1607	NS	1	0.0	64.972	6.93	0.0	57.649	8.425	0.0	53.452	5.899	0.0	48.433	7.645	0.0	67.862	7.048	0.0	57.81	7.287	0.0	52.108	6.41	0.0	50.53	6.045
111	1607	1608	NS	1	0.0	51.826	2.732	0.0	50.186	3.022	0.0	50.137	2.292	0.0	49.051	3.276	0.0	51.82	2.768	0.0	52.012	2.736	0.0	52.415	2.529	0.0	52.582	2.523
112	1607	1608	NS	1	0.0	51.826	2.732	0.0	50.186	3.022	0.0	50.137	2.292	0.0	49.051	3.276	0.0	51.82	2.768	0.0	52.012	2.736	0.0	52.415	2.529	0.0	52.582	2.523
113	1607	1608	SN	1	0.0	60.03	1.711	0.0	46.826	1.702	0.0	46.288	1.319	0.0	51.718	2.088	0.0	59.536	1.65	0.0	49.406	1.34	0.0	46.93	1.31	0.0	45.799	1.314
114	1607	1608	SN	1	0.0	60.03	1.711	0.0	46.826	1.702	0.0	46.288	1.319	0.0	51.718	2.088	0.0	59.536	1.65	0.0	49.406	1.34	0.0	46.93	1.31	0.0	45.799	1.314
115	1607	1608	NS	1	0.0	67.735	8.53	0.0	53.907	9.733	0.0	55.613	6.907	0.0	49.202	9.281	0.0	70.179	8.698	0.0	53.711	9.058	0.0	54.887	7.865	0.0	48.537	7.723
116	1607	1608	SN	1	0.0	57.355	5.638	0.0	50.51	5.717	0.0	47.982	4.441	0.0	54.136	5.647	0.0	56.878	5.461	0.0	49.309	4.846	0.0	50.897	4.284	0.0	50.284	4.128
117	1607	1608	NS	1	0.0	67.735	8.53	0.0	53.907	9.733	0.0	55.613	6.907	0.0	49.202	9.281	0.0	70.179	8.698	0.0	53.711	9.058	0.0	54.887	7.865	0.0	48.537	7.723
118	1607	1608	SN	1	0.0	57.355	5.638	0.0	50.51	5.717	0.0	47.982	4.441	0.0	54.136	5.647	0.0	56.878	5.461	0.0	49.309	4.846	0.0	50.897	4.284	0.0	50.284	4.128
119	1608	1609	NS	1	0.0	58.789	8.958	0.0	55.893	9.715	0.0	62.921	7.014	0.0	50.652	8.662	0.0	59.711	8.748	0.0	57.905	8.922	0.0	62.594	7.227	0.0	50.619	6.998
120	1608	1609	SN	1	0.0	57.731	6.295	0.0	57.388	6.156	0.0	61.289	4.768	0.0	50.148	5.34	0.0	56.988	6.387	0.0	57.68	5.607	0.0	59.864	5.002	0.0	51.635	4.463
121	1608	1609	SN	1	0.0	52.92	1.848	0.0	51.633	1.622	0.0	43.098	1.352	0.0	60.025	1.726	0.0	57.46	1.962	0.0	53.111	1.506	0.0	45.336	1.498	0.0	57.622	1.364
122	1608	1609	SN	1	0.0	57.731	6.295	0.0	57.388	6.156	0.0	61.289	4.768	0.0	50.148	5.34	0.0	56.988	6.387	0.0	57.68	5.607	0.0	59.864	5.002	0.0	51.635	4.463
123	1608	1609	NS	1	0.0	50.992	2.787	0.0	51.996	2.689	0.0	46.565	2.103	0.0	48.584	2.708	0.0	50.075	2.77	0.0	52.127	2.329	0.0	46.773	2.269	0.0	48.459	1.976
124	1608	1609	NS	1	0.0	50.992	2.787	0.0	51.996	2.689	0.0	46.565	2.103	0.0	48.584	2.708	0.0	50.075	2.77	0.0	52.127	2.329	0.0	46.773	2.269	0.0	48.459	1.976
125	1608	1609	SN	1	0.0	52.92	1.848	0.0	51.633	1.622	0.0	43.098	1.352	0.0	60.025	1.726	0.0	57.46	1.962	0.0	53.111	1.506	0.0	45.336	1.498	0.0	57.622	1.364
126	1608	1609	NS	1	0.0	58.789	8.958	0.0	55.893	9.715	0.0	62.921	7.014	0.0	50.652	8.662	0.0	59.711	8.748	0.0	57.905	8.922	0.0	62.594	7.227	0.0	50.619	6.998
127	1609	1610	SN	1	0.0	47.912	1.866	0.0	50.7	2.421	0.0	42.959	1.862	0.0	48.041	2.647	0.0	47.914	1.848	0.0	49.783	2.018	0.0	41.987	1.929	0.0	50.943	1.831
128	1609	1610	NS	1	0.0	62.53	2.117	0.0	52.723	2.202	0.0	50.395	1.646	0.0	45.024	2.513	0.0	62.044	2.18	0.0	59.104	1.968	0.0	48.517	1.726	0.0	45.702	1.837
129	1609	1610	NS	1	0.0	62.53	2.117	0.0	52.723	2.202	0.0	50.395	1.646	0.0	45.024	2.513	0.0	62.044	2.18	0.0	59.104	1.968	0.0	48.517	1.726	0.0	45.702	1.837
130	1609	1610	SN	1	0.0	57.293	5.601	0.0	57.083	6.766	0.0	47.162	5.135	0.0	51.577	7.042	0.0	60.342	5.525	0.0	56.211	6.133	0.0	47.27	5.405	0.0	51.501	5.392
131	1609	1610	SN	1	0.0	57.293	5.601	0.0	57.083	6.766	0.0	47.162	5.135	0.0	51.577	7.042	0.0	60.342	5.525	0.0	56.211	6.133	0.0	47.27	5.405	0.0	51.501	5.392
132	1609	1610	SN	1	0.0	47.912	1.866	0.0	50.7	2.421	0.0	42.959	1.862	0.0	48.041	2.647	0.0	47.914	1.848	0.0	49.783	2.018	0.0	41.987	1.929	0.0	50.943	1.831
133	1609	1610	NS	1	0.0	69.768	6.704	0.0	49.454	7.406	0.0	49.538	5.27	0.0	61.602	7.113	0.0	66.351	6.822	0.0	49.75	6.959	0.0	50.936	5.532	0.0	61.046	5.506
134	1609	1610	NS	1	0.0	69.768	6.704	0.0	49.454	7.406	0.0	49.538	5.27	0.0	61.602	7.113	0.0	66.351	6.822	0.0	49.75	6.959	0.0	50.936	5.532	0.0	61.046	5.506
135	1610	1611	NS	1	0.0	51.266	4.397	0.0	49.837	5.641	0.0	43.004	3.851	0.0	48.826	5.931	0.0	55.442	4.389	0.0	49.689	5.304	0.0	44.751	4.071	0.0	48.368	4.068
136	1610	1611	SN	1	0.0	47.761	5.335	0.0	47.999	7.013	0.0	48.106	5.295	0.0	63.433	7.41	0.0	48.634	5.099	0.0	47.424	5.989	0.0	49.283	5.337	0.0	58.748	5.527
137	1610	1611	NS	1	0.0	51.266	4.397	0.0	49.837	5.641	0.0	43.004	3.851	0.0	48.826	5.931	0.0	55.442	4.389	0.0	49.689	5.304	0.0	44.751	4.071	0.0	48.368	4.068
138	1610	1611	SN	1	0.0	52.204	1.693	0.0	43.766	2.32	0.0	54.21	1.801	0.0	51.65	2.908	0.0	50.378	1.575	0.0	46.166	1.936	0.0	57.002	1.733	0.0	53.944	1.938
139	1610	1611	NS	1	0.0	48.772	1.32	0.0	54.106	1.916	0.0	48.136	1.413	0.0	58.795	2.159	0.0	53.36	1.364	0.0	51.585	1.695	0.0	50.745	1.452	0.0	53.426	1.451

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Deviations
Alarming
High Errors

140	1610	1611	SN	1	0.0	47.761	5.335	0.0	47.999	7.013	0.0	48.106	5.295	0.0	63.433	7.41	0.0	48.634	5.099	0.0	47.424	5.989	0.0	49.283	5.337	0.0	58.748	5.527
141	1610	1611	NS	1	0.0	48.772	1.32	0.0	54.106	1.916	0.0	48.136	1.413	0.0	58.795	2.159	0.0	53.36	1.364	0.0	51.585	1.695	0.0	50.745	1.452	0.0	53.426	1.451
142	1610	1611	SN	1	0.0	52.204	1.693	0.0	43.766	2.32	0.0	54.21	1.801	0.0	51.65	2.908	0.0	50.378	1.575	0.0	46.166	1.936	0.0	57.002	1.733	0.0	53.944	1.938
143	1611	1612	SN	1	0.0	45.155	1.857	0.0	46.658	2.25	0.0	55.137	1.762	0.0	49.62	2.826	0.0	44.446	1.735	0.0	46.865	1.793	0.0	56.776	1.705	0.0	48.589	1.881
144	1611	1612	NS	1	0.0	51.634	4.076	0.0	47.79	6.259	0.0	43.909	3.891	0.0	46.719	5.79	0.0	50.679	3.748	0.0	49.166	5.222	0.0	49.676	3.593	0.0	48.061	3.87
145	1611	1612	SN	1	0.0	50.05	5.679	0.0	48.87	7.122	0.0	62.041	4.868	0.0	46.24	7.053	0.0	50.774	5.443	0.0	49.624	6.031	0.0	65.089	4.882	0.0	49.495	4.978
146	1611	1612	SN	1	0.0	50.05	5.679	0.0	48.87	7.122	0.0	62.041	4.868	0.0	46.24	7.053	0.0	50.774	5.443	0.0	49.624	6.031	0.0	65.089	4.882	0.0	49.495	4.978
147	1611	1612	NS	1	0.0	55.304	1.022	0.0	53.189	1.588	0.0	49.338	1.029	0.0	46.995	1.97	0.0	59.321	0.946	0.0	50.66	1.226	0.0	46.839	1.031	0.0	46.121	1.138
148	1611	1612	NS	1	0.0	55.304	1.022	0.0	53.189	1.588	0.0	49.338	1.029	0.0	46.995	1.97	0.0	59.321	0.946	0.0	50.66	1.226	0.0	46.839	1.031	0.0	46.121	1.138
149	1611	1612	NS	1	0.0	51.634	4.076	0.0	47.79	6.259	0.0	43.909	3.891	0.0	46.719	5.79	0.0	50.679	3.748	0.0	49.166	5.222	0.0	49.676	3.593	0.0	48.061	3.87
150	1611	1612	SN	1	0.0	45.155	1.857	0.0	46.658	2.25	0.0	55.137	1.762	0.0	49.62	2.826	0.0	44.446	1.735	0.0	46.865	1.793	0.0	56.776	1.705	0.0	48.589	1.881
151	1612	1613	SN	1	0.0	48.273	6.699	0.0	51.753	7.933	0.0	48.189	5.323	0.0	54.983	7.816	0.0	51.156	6.918	0.0	54.29	6.808	0.0	48.474	5.571	0.0	54.07	5.826
152	1612	1613	NS	1	0.0	50.842	3.933	0.0	54.27	4.775	0.0	41.426	3.152	0.0	41.936	5.534	0.0	48.313	3.899	0.0	53.321	4.176	0.0	42.33	2.932	0.0	45.87	3.77
153	1612	1613	NS	1	0.0	50.909	0.999	0.0	45.069	1.329	0.0	48.359	1.082	0.0	41.882	1.827	0.0	52.494	1.008	0.0	42.023	1.102	0.0	48.375	0.951	0.0	39.489	1.078
154	1612	1613	SN	1	0.0	48.273	6.699	0.0	51.753	7.933	0.0	48.189	5.323	0.0	54.983	7.816	0.0	51.156	6.918	0.0	54.29	6.808	0.0	48.474	5.571	0.0	54.07	5.826
155	1612	1613	NS	1	0.0	50.909	0.999	0.0	45.069	1.329	0.0	48.359	1.082	0.0	41.882	1.827	0.0	52.494	1.008	0.0	42.023	1.102	0.0	48.375	0.951	0.0	39.489	1.078
156	1612	1613	NS	1	0.0	50.842	3.933	0.0	54.27	4.775	0.0	41.426	3.152	0.0	41.936	5.534	0.0	48.313	3.899	0.0	53.321	4.176	0.0	42.33	2.932	0.0	45.87	3.77
157	1613	1614	NS	1	0.0	46.495	1.516	0.0	48.195	2.096	0.0	50.681	1.508	0.0	47.459	2.619	0.0	47.034	1.288	0.0	51.752	1.567	0.0	49.923	1.382	0.0	46.037	1.474
158	1613	1614	NS	1	0.0	54.273	4.817	0.0	58.047	7.085	0.0	47.877	4.77	0.0	48.817	7.796	0.0	58.398	4.447	0.0	56.721	5.592	0.0	46.789	4.408	0.0	53.172	4.808
159	1613	1614	NS	1	0.0	46.495	1.516	0.0	48.195	2.096	0.0	50.681	1.508	0.0	47.459	2.619	0.0	47.034	1.288	0.0	51.752	1.567	0.0	49.923	1.382	0.0	46.037	1.474
160	1613	1614	SN	1	0.0	57.177	9.26	0.0	56.868	10.606	0.0	51.571	6.985	0.0	54.457	9.149	0.0	59.774	9.319	0.0	55.635	9.955	0.0	50.818	7.425	0.0	58.225	7.844
161	1613	1614	SN	1	0.0	57.177	9.26	0.0	56.868	10.606	0.0	51.571	6.985	0.0	54.457	9.149	0.0	59.774	9.319	0.0	55.635	9.955	0.0	50.818	7.425	0.0	58.225	7.844
162	1613	1614	NS	1	0.0	54.273	4.817	0.0	58.047	7.085	0.0	47.877	4.77	0.0	48.817	7.796	0.0	58.398	4.447	0.0	56.721	5.592	0.0	46.789	4.408	0.0	53.172	4.808
163	1614	1615	NS	1	0.0	49.402	6.081	0.0	55.998	7.566	0.0	52.977	4.89	0.0	49.838	8.045	0.0	49.686	5.567	0.0	55.214	6.158	0.0	53.632	4.862	0.0	49.33	5.128
164	1614	1615	SN	1	0.0	44.673	2.543	0.0	63.712	2.388	0.0	49.612	2.059	0.0	52.765	2.546	0.0	47.343	2.716	0.0	61.926	2.223	0.0	49.404	2.364	0.0	48.11	2.207
165	1614	1615	SN	1	0.0	48.556	8.21	0.0	59.626	8.562	0.0	60.817	6.739	0.0	51.017	7.505	0.0	48.731	8.555	0.0	58.005	8.122	0.0	61.466	7.378	0.0	55.132	6.756
166	1614	1615	NS	1	0.0	49.866	1.83	0.0	43.082	2.448	0.0	55.508	1.662	0.0	53.031	2.886	0.0	46.623	1.697	0.0	45.865	1.86	0.0	62.609	1.72	0.0	48.859	1.641
167	1614	1615	NS	1	0.0	49.402	6.081	0.0	55.998	7.566	0.0	52.977	4.89	0.0	49.838	8.045	0.0	49.686	5.567	0.0	55.214	6.158	0.0	53.632	4.862	0.0	49.33	5.128
168	1614	1615	SN	1	0.0	44.673	2.543	0.0	63.712	2.388	0.0	49.612	2.059	0.0	52.765	2.546	0.0	47.343	2.716	0.0	61.926	2.223	0.0	49.404	2.364	0.0	48.11	2.207
169	1614	1615	SN	1	0.0	48.556	8.21	0.0	59.626	8.562	0.0	60.817	6.739	0.0	51.017	7.505	0.0	48.731	8.555	0.0	58.005	8.122	0.0	61.466	7.378	0.0	55.132	6.756
170	1614	1615	NS	1	0.0	49.866	1.83	0.0	43.082	2.448	0.0	55.508	1.662	0.0	53.031	2.886	0.0	46.623	1.697	0.0	45.865	1.86	0.0	62.609	1.72	0.0	48.859	1.641
171	1615	1616	SN	1	0.0	57.137	2.404	0.0	51.356	2.352	0.0	45.852	1.721	0.0	53.354	2.457	0.0	57.156	2.372	0.0	50.27	1.95	0.0	44.317	1.702	0.0	57.481	1.722
172	1615	1616	NS	1	0.0	55.738	1.148	0.0	47.327	1.415	0.0	45.675	1.186	0.0	47.214	1.696	0.0	54.582	1.076	0.0	46.891	1.114	0.0	47.881	1.076	0.0	48.123	1.04
173	1615	1616	NS	1	0.0	55.738	1.148	0.0	47.327	1.415	0.0	45.675	1.186	0.0	47.214	1.696	0.0	54.582	1.076	0.0	46.891	1.114	0.0	47.881	1.076	0.0	48.123	1.04
174	1615	1616	SN	1	0.0	64.218	7.583	0.0	54.054	8.261	0.0	51.283	5.927	0.0	50.689	7.386	0.0	66.637	7.255	0.0	52.423	7.145	0.0	53.481	5.671	0.0	51.098	5.818
175	1615	1616	NS	1	0.0	71.102	4.101	0.0	51.155	4.84	0.0	48.511	3.872	0.0	46.108	4.849	0.0	73.151	3.823	0.0	52.365	3.972	0.0	52.237	3.581	0.0	43.882	3.299

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Deviations
Alarming
High Errors

176	1615	1616	SN	1	0.0	64.218	7.583	0.0	54.054	8.261	0.0	51.283	5.927	0.0	50.689	7.386	0.0	66.637	7.255	0.0	52.423	7.145	0.0	53.481	5.671	0.0	51.098	5.818
177	1615	1616	SN	1	0.0	57.137	2.404	0.0	51.356	2.352	0.0	45.852	1.721	0.0	53.354	2.457	0.0	57.156	2.372	0.0	50.27	1.95	0.0	44.317	1.702	0.0	57.481	1.722
178	1615	1616	NS	1	0.0	71.102	4.101	0.0	51.155	4.84	0.0	48.511	3.872	0.0	46.108	4.849	0.0	73.151	3.823	0.0	52.365	3.972	0.0	52.237	3.581	0.0	43.882	3.299
179	1616	1617	NS	1	0.0	42.73	2.172	0.0	52.756	2.224	0.0	50.726	2.101	0.0	54.699	2.535	0.0	44.294	2.252	0.0	53.075	2.07	0.0	55.996	2.21	0.0	51.315	2.053
180	1616	1617	NS	1	0.0	58.529	7.241	0.0	52.858	7.843	0.0	51.022	5.887	0.0	57.722	7.786	0.0	60.576	7.569	0.0	50.608	7.252	0.0	56.931	6.568	0.0	55.436	6.279
181	1616	1617	SN	1	0.0	45.418	4.821	0.0	60.717	5.471	0.0	49.635	4.158	0.0	54.19	5.176	0.0	49.71	4.804	0.0	59.665	4.946	0.0	55.279	4.051	0.0	51.507	3.75
182	1616	1617	SN	1	0.0	43.466	1.399	0.0	51.139	1.579	0.0	49.079	1.339	0.0	49.0	1.96	0.0	42.105	1.405	0.0	50.486	1.403	0.0	51.833	1.319	0.0	48.244	1.332
183	1616	1617	SN	1	0.0	43.466	1.399	0.0	51.139	1.579	0.0	49.079	1.339	0.0	49.0	1.96	0.0	42.105	1.405	0.0	50.486	1.403	0.0	51.833	1.319	0.0	48.244	1.332
184	1616	1617	NS	1	0.0	42.73	2.172	0.0	52.756	2.224	0.0	50.726	2.101	0.0	54.699	2.535	0.0	44.294	2.252	0.0	53.075	2.07	0.0	55.996	2.21	0.0	51.315	2.053
185	1616	1617	NS	1	0.0	58.529	7.241	0.0	52.858	7.843	0.0	51.022	5.887	0.0	57.722	7.786	0.0	60.576	7.569	0.0	50.608	7.252	0.0	56.931	6.568	0.0	55.436	6.279
186	1616	1617	SN	1	0.0	45.418	4.821	0.0	60.717	5.471	0.0	49.635	4.158	0.0	54.19	5.176	0.0	49.71	4.804	0.0	59.665	4.946	0.0	55.279	4.051	0.0	51.507	3.75
187	1617	1618	NS	1	0.0	56.631	5.33	0.0	54.994	6.636	0.0	52.592	5.006	0.0	48.584	7.445	0.0	58.384	5.389	0.0	50.342	5.877	0.0	55.159	5.226	0.0	49.655	5.546
188	1617	1618	SN	1	0.0	54.126	8.463	0.0	63.186	8.877	0.0	47.85	7.47	0.0	50.774	8.968	0.0	54.896	8.607	0.0	63.877	8.083	0.0	49.307	7.797	0.0	50.818	7.293
189	1617	1618	NS	1	0.0	56.631	5.33	0.0	54.994	6.636	0.0	52.592	5.006	0.0	48.584	7.445	0.0	58.384	5.389	0.0	50.342	5.877	0.0	55.159	5.226	0.0	49.655	5.546
190	1617	1618	SN	1	0.0	54.126	8.463	0.0	63.186	8.877	0.0	47.85	7.47	0.0	50.774	8.968	0.0	54.896	8.607	0.0	63.877	8.083	0.0	49.307	7.797	0.0	50.818	7.293
191	1617	1618	SN	1	0.0	55.263	2.736	0.0	45.927	2.767	0.0	50.72	2.496	0.0	53.26	3.073	0.0	56.716	2.755	0.0	48.145	2.464	0.0	50.378	2.535	0.0	49.368	2.327
192	1617	1618	NS	1	0.0	42.222	1.83	0.0	54.643	2.226	0.0	53.384	1.724	0.0	48.407	2.777	0.0	46.386	1.801	0.0	51.983	1.889	0.0	60.135	1.781	0.0	54.967	1.822
193	1617	1618	NS	1	0.0	42.222	1.83	0.0	54.643	2.226	0.0	53.384	1.724	0.0	48.407	2.777	0.0	46.386	1.801	0.0	51.983	1.889	0.0	60.135	1.781	0.0	54.967	1.822
194	1617	1618	SN	1	0.0	55.263	2.736	0.0	45.927	2.767	0.0	50.72	2.496	0.0	53.26	3.073	0.0	56.716	2.755	0.0	48.145	2.464	0.0	50.378	2.535	0.0	49.368	2.327
195	1618	1619	SN	1	0.0	49.908	5.816	0.0	45.859	6.73	0.0	49.083	5.153	0.0	50.143	6.958	0.0	49.181	5.724	0.0	46.972	5.749	0.0	48.723	5.103	0.0	45.958	4.94
196	1618	1619	SN	1	0.0	47.16	1.556	0.0	50.817	1.855	0.0	43.718	1.532	0.0	51.905	2.331	0.0	50.433	1.615	0.0	51.666	1.539	0.0	45.597	1.558	0.0	47.255	1.603
197	1618	1619	NS	1	0.0	59.281	2.105	0.0	51.534	2.679	0.0	57.538	2.064	0.0	43.576	3.244	0.0	55.502	2.115	0.0	50.757	2.434	0.0	54.455	2.103	0.0	42.552	2.207
198	1618	1619	NS	1	0.0	59.281	2.105	0.0	51.534	2.679	0.0	57.538	2.064	0.0	43.576	3.244	0.0	55.502	2.115	0.0	50.757	2.434	0.0	54.455	2.103	0.0	42.552	2.207
199	1618	1619	SN	1	0.0	47.16	1.556	0.0	50.817	1.855	0.0	43.718	1.532	0.0	51.905	2.331	0.0	50.433	1.615	0.0	51.666	1.539	0.0	45.597	1.558	0.0	47.255	1.603
200	1618	1619	SN	1	0.0	49.908	5.816	0.0	45.859	6.73	0.0	49.083	5.153	0.0	50.143	6.958	0.0	49.181	5.724	0.0	46.972	5.749	0.0	48.723	5.103	0.0	45.958	4.94
201	1618	1619	NS	1	0.0	63.47	6.854	0.0	45.688	8.347	0.0	47.128	5.702	0.0	50.95	8.788	0.0	63.434	6.82	0.0	45.246	7.529	0.0	50.045	5.908	0.0	53.061	6.463
202	1618	1619	NS	1	0.0	63.47	6.854	0.0	45.688	8.347	0.0	47.128	5.702	0.0	50.95	8.788	0.0	63.434	6.82	0.0	45.246	7.529	0.0	50.045	5.908	0.0	53.061	6.463
203	1619	1620	SN	1	0.0	39.523	0.597	0.0	47.058	0.804	0.0	39.951	0.608	0.0	48.577	1.106	0.0	38.887	0.555	0.0	48.624	0.592	0.0	38.35	0.477	0.0	47.548	0.618
204	1619	1620	NS	1	0.0	54.959	2.636	0.0	44.735	3.846	0.0	48.758	3.11	0.0	58.409	5.411	0.0	55.285	2.375	0.0	42.738	2.994	0.0	49.972	2.989	0.0	52.873	3.285
205	1619	1620	SN	1	0.0	43.254	2.537	0.0	54.693	3.23	0.0	43.731	2.388	0.0	47.46	3.629	0.0	46.283	2.225	0.0	55.059	2.587	0.0	41.186	1.876	0.0	43.814	2.003
206	1619	1620	NS	1	0.0	45.804	0.801	0.0	42.592	1.333	0.0	50.992	1.194	0.0	56.761	2.296	0.0	48.085	0.671	0.0	45.454	0.97	0.0	54.975	1.063	0.0	52.609	1.294
207	1619	1620	NS	1	0.0	54.959	2.636	0.0	44.735	3.846	0.0	48.758	3.11	0.0	58.409	5.411	0.0	55.285	2.375	0.0	42.738	2.994	0.0	49.972	2.989	0.0	52.873	3.285
208	1619	1620	SN	1	0.0	39.523	0.597	0.0	47.058	0.804	0.0	39.951	0.608	0.0	48.577	1.106	0.0	38.887	0.555	0.0	48.624	0.592	0.0	38.35	0.477	0.0	47.548	0.618
209	1619	1620	SN	1	0.0	43.254	2.537	0.0	54.693	3.23	0.0	43.731	2.388	0.0	47.46	3.629	0.0	46.283	2.225	0.0	55.059	2.587	0.0	41.186	1.876	0.0	43.814	2.003
210	1619	1620	NS	1	0.0	45.804	0.801	0.0	42.592	1.333	0.0	50.992	1.194	0.0	56.761	2.296	0.0	48.085	0.671	0.0	45.454	0.97	0.0	54.975	1.063	0.0	52.609	1.294
211	1620	1621	SN	1	0.0	50.633	4.163	0.0	56.65	5.084	0.0	51.685	3.546	0.0	50.499	5.811	0.0	55.054	4.18	0.0	58.557	4.466	0.0	57.721	3.766	0.0	53.536	4.071

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Alarming
Deviations
High Errors

212	1620	1621	SN	1	0.0	55.137	1.44	0.0	44.283	1.839	0.0	44.878	1.273	0.0	62.745	2.193	0.0	53.15	1.436	0.0	44.503	1.523	0.0	44.443	1.258	0.0	59.342	1.444
213	1620	1621	SN	1	0.0	55.137	1.44	0.0	44.283	1.839	0.0	44.878	1.273	0.0	62.745	2.193	0.0	53.15	1.436	0.0	44.503	1.523	0.0	44.443	1.258	0.0	59.342	1.444
214	1620	1621	NS	1	0.0	57.616	1.953	0.0	55.854	2.097	0.0	43.149	1.638	0.0	48.218	2.807	0.0	57.748	1.979	0.0	60.217	1.872	0.0	45.0	1.716	0.0	51.954	1.965
215	1620	1621	SN	1	0.0	50.633	4.163	0.0	56.65	5.084	0.0	51.685	3.546	0.0	50.499	5.811	0.0	55.054	4.18	0.0	58.557	4.466	0.0	57.721	3.766	0.0	53.536	4.071
216	1620	1621	NS	1	0.0	53.597	5.785	0.0	63.034	6.179	0.0	47.106	4.609	0.0	45.208	7.138	0.0	53.159	5.886	0.0	64.909	5.91	0.0	52.902	4.879	0.0	45.78	5.148
217	1620	1621	NS	1	0.0	57.616	1.953	0.0	55.854	2.097	0.0	43.149	1.638	0.0	48.218	2.807	0.0	57.748	1.979	0.0	60.217	1.872	0.0	45.0	1.716	0.0	51.954	1.965
218	1620	1621	NS	1	0.0	53.597	5.785	0.0	63.034	6.179	0.0	47.106	4.609	0.0	45.208	7.138	0.0	53.159	5.886	0.0	64.909	5.91	0.0	52.902	4.879	0.0	45.78	5.148
219	1621	1622	NS	1	0.0	53.393	3.443	0.0	59.788	3.577	0.0	59.266	2.826	0.0	55.11	3.445	0.0	54.975	3.515	0.0	59.028	3.333	0.0	63.843	3.042	0.0	55.921	2.832
220	1621	1622	NS	1	0.0	53.393	3.443	0.0	59.788	3.577	0.0	59.266	2.826	0.0	55.11	3.445	0.0	54.975	3.515	0.0	59.028	3.333	0.0	63.843	3.042	0.0	55.921	2.832
221	1621	1622	NS	1	0.0	60.387	10.323	0.0	52.055	11.176	0.0	60.01	8.895	0.0	50.028	10.334	0.0	60.853	10.559	0.0	52.2	10.737	0.0	65.146	9.726	0.0	49.087	8.904
222	1621	1622	SN	1	0.0	49.0	1.661	0.0	51.142	2.363	0.0	47.077	1.51	0.0	47.16	2.825	0.0	49.82	1.56	0.0	54.663	1.822	0.0	42.073	1.354	0.0	43.943	1.568
223	1621	1622	SN	1	0.0	49.0	1.661	0.0	51.142	2.363	0.0	47.077	1.51	0.0	47.16	2.825	0.0	49.82	1.56	0.0	54.663	1.822	0.0	42.073	1.354	0.0	43.943	1.568
224	1621	1622	SN	1	0.0	49.6	5.663	0.0	56.017	7.571	0.0	45.777	4.349	0.0	52.626	7.43	0.0	52.766	5.241	0.0	57.013	6.133	0.0	47.493	4.086	0.0	56.471	4.649
225	1621	1622	NS	1	0.0	60.387	10.323	0.0	52.055	11.176	0.0	60.01	8.895	0.0	50.028	10.334	0.0	60.853	10.559	0.0	52.2	10.737	0.0	65.146	9.726	0.0	49.087	8.904
226	1621	1622	SN	1	0.0	49.6	5.663	0.0	56.017	7.571	0.0	45.777	4.349	0.0	52.626	7.43	0.0	52.766	5.241	0.0	57.013	6.133	0.0	47.493	4.086	0.0	56.471	4.649

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Alarming
Deviations
High Errors

					Azimuth Angle												Incidence Angle											
					Inner Aft			Inner Fore			Outer Aft			Outer Fore			Inner Aft			Inner Fore			Outer Aft			Outer Fore		
Sr No	Start Orbit	End Orbit	Dir.	Ver.	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)
1	1593	1594	NS	1	0.0	34.632	13.334	0.0	34.193	13.298	0.0	21.737	4.56	0.0	19.915	4.574	0.0	1.898	0.0	0.0	1.901	0.0	0.0	2.2	0.0	0.0	2.193	0.0
2	1593	1594	SN	1	0.0	32.952	13.334	0.0	35.189	13.64	0.0	22.286	4.173	0.0	19.336	3.999	0.0	1.896	0.0	0.0	1.902	0.0	0.0	2.193	0.0	0.0	2.192	0.0
3	1593	1594	SN	1	0.0	40.497	25.464	0.0	39.162	24.654	0.0	25.661	13.86	0.0	24.346	12.988	0.0	1.912	0.0	0.0	1.919	0.0	0.0	2.191	0.0	0.0	2.205	0.0
4	1593	1594	SN	1	0.0	40.497	25.464	0.0	39.162	24.654	0.0	25.661	13.86	0.0	24.346	12.988	0.0	1.912	0.0	0.0	1.919	0.0	0.0	2.191	0.0	0.0	2.205	0.0
5	1593	1594	NS	1	0.0	38.754	24.981	0.0	40.805	25.232	0.0	26.036	14.019	0.0	25.529	14.167	0.0	1.906	0.0	0.0	1.916	0.0	0.0	2.209	0.0	0.0	2.198	0.0
6	1593	1594	NS	1	0.0	38.754	24.981	0.0	40.805	25.232	0.0	26.036	14.019	0.0	25.529	14.167	0.0	1.906	0.0	0.0	1.916	0.0	0.0	2.209	0.0	0.0	2.198	0.0
7	1593	1594	SN	1	0.0	32.952	13.334	0.0	35.189	13.64	0.0	22.286	4.173	0.0	19.336	3.999	0.0	1.896	0.0	0.0	1.902	0.0	0.0	2.193	0.0	0.0	2.192	0.0
8	1593	1594	NS	1	0.0	34.632	13.334	0.0	34.193	13.298	0.0	21.737	4.56	0.0	19.915	4.574	0.0	1.898	0.0	0.0	1.901	0.0	0.0	2.2	0.0	0.0	2.193	0.0
9	1594	1595	SN	1	0.0	39.283	25.415	0.0	39.093	24.776	0.0	25.656	13.91	0.0	25.645	13.164	0.0	1.911	0.0	0.0	1.919	0.0	0.0	2.197	0.0	0.0	2.203	0.0
10	1594	1595	SN	1	0.0	34.546	13.259	0.0	36.021	13.64	0.0	21.928	4.189	0.0	19.871	4.102	0.0	1.905	0.0	0.0	1.901	0.0	0.0	2.189	0.0	0.0	2.188	0.0
11	1594	1595	NS	1	0.0	34.637	13.329	0.0	34.629	13.27	0.0	21.633	4.493	0.0	19.898	4.478	0.0	1.898	0.0	0.0	1.9	0.0	0.0	2.2	0.0	0.0	2.193	0.0
12	1594	1595	SN	1	0.0	34.546	13.259	0.0	36.021	13.64	0.0	21.928	4.189	0.0	19.871	4.102	0.0	1.905	0.0	0.0	1.901	0.0	0.0	2.189	0.0	0.0	2.188	0.0
13	1594	1595	NS	1	0.0	38.87	24.886	0.0	38.401	25.143	0.0	25.022	14.012	0.0	24.795	14.036	0.0	1.909	0.0	0.0	1.915	0.0	0.0	2.207	0.0	0.0	2.2	0.0
14	1594	1595	SN	1	0.0	39.283	25.415	0.0	39.093	24.776	0.0	25.656	13.91	0.0	25.645	13.164	0.0	1.911	0.0	0.0	1.919	0.0	0.0	2.197	0.0	0.0	2.203	0.0
15	1594	1595	NS	1	0.0	38.87	24.886	0.0	38.401	25.143	0.0	25.022	14.012	0.0	24.795	14.036	0.0	1.909	0.0	0.0	1.915	0.0	0.0	2.207	0.0	0.0	2.2	0.0
16	1594	1595	NS	1	0.0	34.637	13.329	0.0	34.629	13.27	0.0	21.633	4.493	0.0	19.898	4.478	0.0	1.898	0.0	0.0	1.9	0.0	0.0	2.2	0.0	0.0	2.193	0.0
17	1595	1596	NS	1	0.0	177.172	25.04	0.0	40.475	25.302	0.0	25.75	14.021	0.0	25.871	14.113	0.0	1.907	0.0	0.0	1.917	0.0	0.0	2.207	0.0	0.0	2.198	0.0
18	1595	1596	SN	1	0.0	32.941	13.252	0.0	34.946	13.643	0.0	22.054	4.226	0.0	19.534	3.975	0.0	1.903	0.0	0.0	1.901	0.0	0.0	2.188	0.0	0.0	2.187	0.0
19	1595	1596	SN	1	0.0	39.305	25.4	0.0	38.622	24.787	0.0	25.689	14.011	0.0	24.578	13.035	0.0	1.912	0.0	0.0	1.918	0.0	0.0	2.196	0.0	0.0	2.203	0.0
20	1595	1596	NS	1	0.0	238.948	13.308	0.0	34.358	13.346	0.0	21.754	4.463	0.0	19.904	4.501	0.0	1.9	0.0	0.0	1.901	0.0	0.0	2.201	0.0	0.0	2.193	0.0
21	1595	1596	SN	1	0.0	32.941	13.252	0.0	34.946	13.643	0.0	22.054	4.226	0.0	19.534	3.975	0.0	1.903	0.0	0.0	1.901	0.0	0.0	2.188	0.0	0.0	2.187	0.0
22	1595	1596	SN	1	0.0	39.305	25.4	0.0	38.622	24.787	0.0	25.689	14.011	0.0	24.578	13.035	0.0	1.912	0.0	0.0	1.918	0.0	0.0	2.196	0.0	0.0	2.203	0.0
23	1595	1596	NS	1	0.0	177.172	25.04	0.0	40.475	25.302	0.0	25.75	14.021	0.0	25.871	14.113	0.0	1.907	0.0	0.0	1.917	0.0	0.0	2.207	0.0	0.0	2.198	0.0
24	1595	1596	NS	1	0.0	238.948	13.308	0.0	34.358	13.346	0.0	21.754	4.463	0.0	19.904	4.501	0.0	1.9	0.0	0.0	1.901	0.0	0.0	2.201	0.0	0.0	2.193	0.0
25	1596	1597	SN	1	0.0	40.022	25.506	0.0	39.088	25.095	0.0	25.292	14.009	0.0	25.639	13.242	0.0	1.913	0.0	0.0	1.92	0.0	0.0	2.196	0.0	0.0	2.207	0.0
26	1596	1597	NS	1	0.0	34.632	13.33	0.0	34.618	13.341	0.0	21.622	4.47	0.0	19.898	4.501	0.0	1.897	0.0	0.0	1.899	0.0	0.0	2.2	0.0	0.0	2.193	0.0
27	1596	1597	SN	1	0.0	40.022	25.506	0.0	39.088	25.095	0.0	25.292	14.009	0.0	25.639	13.242	0.0	1.913	0.0	0.0	1.92	0.0	0.0	2.196	0.0	0.0	2.207	0.0
28	1596	1597	SN	1	0.0	34.651	13.218	0.0	36.016	13.617	0.0	21.966	4.258	0.0	19.86	4.082	0.0	1.903	0.0	0.0	1.903	0.0	0.0	2.193	0.0	0.0	2.19	0.0
29	1596	1597	SN	1	0.0	34.651	13.218	0.0	36.016	13.617	0.0	21.966	4.258	0.0	19.86	4.082	0.0	1.903	0.0	0.0	1.903	0.0	0.0	2.193	0.0	0.0	2.19	0.0
30	1596	1597	NS	1	0.0	34.632	13.33	0.0	34.618	13.341	0.0	21.622	4.47	0.0	19.898	4.501	0.0	1.897	0.0	0.0	1.899	0.0	0.0	2.2	0.0	0.0	2.193	0.0
31	1596	1597	NS	1	0.0	38.848	24.996	0.0	39.653	25.274	0.0	25.474	14.029	0.0	25.512	14.092	0.0	1.908	0.0	0.0	1.916	0.0	0.0	2.206	0.0	0.0	2.198	0.0

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle
	Range	10.0	3.0

Normal
Deviations
Alarming
High Errors

32	1596	1597	NS	1	0.0	38.848	24.996	0.0	39.653	25.274	0.0	25.474	14.029	0.0	25.512	14.092	0.0	1.908	0.0	0.0	1.916	0.0	0.0	2.206	0.0	0.0	2.198	0.0
33	1597	1598	SN	1	0.0	40.006	25.438	0.0	39.689	25.087	0.0	25.716	14.002	0.0	25.187	13.275	0.0	1.912	0.0	0.0	1.919	0.0	0.0	2.2	0.0	0.0	2.204	0.0
34	1597	1598	NS	1	0.0	39.543	25.133	0.0	41.721	25.291	0.0	25.744	14.01	0.0	25.854	14.124	0.0	1.907	0.0	0.0	1.916	0.0	0.0	2.207	0.0	0.0	2.197	0.0
35	1597	1598	NS	1	0.0	34.753	13.341	0.0	34.358	13.347	0.0	21.768	4.465	0.0	19.837	4.506	0.0	1.898	0.0	0.0	1.901	0.0	0.0	2.199	0.0	0.0	2.193	0.0
36	1597	1598	SN	1	0.0	34.651	13.241	0.0	36.005	13.634	0.0	21.972	4.246	0.0	19.909	4.119	0.0	1.896	0.0	0.0	1.903	0.0	0.0	2.189	0.0	0.0	2.187	0.0
37	1597	1598	SN	1	0.0	34.651	13.241	0.0	36.005	13.634	0.0	21.972	4.246	0.0	19.909	4.119	0.0	1.896	0.0	0.0	1.903	0.0	0.0	2.189	0.0	0.0	2.187	0.0
38	1597	1598	NS	1	0.0	39.543	25.133	0.0	41.721	25.291	0.0	25.744	14.01	0.0	25.854	14.124	0.0	1.907	0.0	0.0	1.916	0.0	0.0	2.207	0.0	0.0	2.197	0.0
39	1597	1598	NS	1	0.0	34.753	13.341	0.0	34.358	13.347	0.0	21.768	4.465	0.0	19.837	4.506	0.0	1.898	0.0	0.0	1.901	0.0	0.0	2.199	0.0	0.0	2.193	0.0
40	1597	1598	SN	1	0.0	40.006	25.438	0.0	39.689	25.087	0.0	25.716	14.002	0.0	25.187	13.275	0.0	1.912	0.0	0.0	1.919	0.0	0.0	2.2	0.0	0.0	2.204	0.0
41	1598	1599	SN	1	0.0	34.656	13.246	0.0	35.988	13.634	0.0	21.977	4.208	0.0	19.909	4.139	0.0	1.919	0.0	0.0	1.902	0.0	0.0	2.195	0.0	0.0	2.186	0.0
42	1598	1599	NS	1	0.0	34.769	13.373	0.0	34.215	13.321	0.0	21.773	4.479	0.0	19.832	4.511	0.0	1.899	0.0	0.0	1.898	0.0	0.0	2.2	0.0	0.0	2.192	0.0
43	1598	1599	NS	1	0.0	38.914	25.059	0.0	40.441	25.28	0.0	25.761	14.031	0.0	25.849	14.134	0.0	1.908	0.0	0.0	1.915	0.0	0.0	2.209	0.0	0.0	2.198	0.0
44	1598	1599	SN	1	0.0	34.656	13.246	0.0	35.988	13.634	0.0	21.977	4.208	0.0	19.909	4.139	0.0	1.919	0.0	0.0	1.902	0.0	0.0	2.195	0.0	0.0	2.186	0.0
45	1598	1599	NS	1	0.0	34.769	13.373	0.0	34.215	13.321	0.0	21.773	4.479	0.0	19.832	4.511	0.0	1.899	0.0	0.0	1.898	0.0	0.0	2.2	0.0	0.0	2.192	0.0
46	1598	1599	SN	1	0.0	40.033	25.445	0.0	40.113	25.061	0.0	25.711	13.977	0.0	25.187	13.239	0.0	1.926	0.0	0.0	1.918	0.0	0.0	2.199	0.0	0.0	2.206	0.0
47	1598	1599	NS	1	0.0	38.914	25.059	0.0	40.441	25.28	0.0	25.761	14.031	0.0	25.849	14.134	0.0	1.908	0.0	0.0	1.915	0.0	0.0	2.209	0.0	0.0	2.198	0.0
48	1598	1599	SN	1	0.0	40.033	25.445	0.0	40.113	25.061	0.0	25.711	13.977	0.0	25.187	13.239	0.0	1.926	0.0	0.0	1.918	0.0	0.0	2.199	0.0	0.0	2.206	0.0
49	1599	1600	NS	1	0.0	34.775	13.364	0.0	34.243	13.294	0.0	21.79	4.502	0.0	19.832	4.512	0.0	1.899	0.0	0.0	1.9	0.0	0.0	2.2	0.0	0.0	2.194	0.0
50	1599	1600	SN	1	0.0	32.682	13.29	0.0	34.654	13.672	0.0	22.077	4.254	0.0	139.483	4.042	0.0	1.912	0.0	0.0	1.902	0.0	0.0	2.19	0.0	0.0	2.185	0.0
51	1599	1600	NS	1	0.0	38.886	25.042	0.0	40.436	25.276	0.0	25.761	14.058	0.0	25.838	14.135	0.0	1.907	0.0	0.0	1.915	0.0	0.0	2.208	0.0	0.0	2.2	0.0
52	1599	1600	SN	1	0.0	39.327	25.459	0.0	38.5	24.881	0.0	25.915	14.026	0.0	151.081	13.089	0.0	1.919	0.0	0.0	1.919	0.0	0.0	2.193	0.0	0.0	2.206	0.0
53	1599	1600	NS	1	0.0	38.886	25.042	0.0	40.436	25.276	0.0	25.761	14.058	0.0	25.838	14.135	0.0	1.907	0.0	0.0	1.915	0.0	0.0	2.208	0.0	0.0	2.2	0.0
54	1599	1600	NS	1	0.0	34.775	13.364	0.0	34.243	13.294	0.0	21.79	4.502	0.0	19.832	4.512	0.0	1.899	0.0	0.0	1.9	0.0	0.0	2.2	0.0	0.0	2.194	0.0
55	1599	1600	SN	1	0.0	39.327	25.459	0.0	38.5	24.881	0.0	25.915	14.026	0.0	151.081	13.089	0.0	1.919	0.0	0.0	1.919	0.0	0.0	2.193	0.0	0.0	2.206	0.0
56	1599	1600	SN	1	0.0	32.682	13.29	0.0	34.654	13.672	0.0	22.077	4.254	0.0	139.483	4.042	0.0	1.912	0.0	0.0	1.902	0.0	0.0	2.19	0.0	0.0	2.185	0.0
57	1600	1601	NS	1	0.0	34.797	13.306	0.0	34.397	13.307	0.0	21.79	4.513	0.0	19.832	4.526	0.0	1.898	0.0	0.0	1.901	0.0	0.0	2.201	0.0	0.0	2.194	0.0
58	1600	1601	SN	1	0.0	32.665	13.344	0.0	34.632	13.721	0.0	22.088	4.185	0.0	19.766	4.008	0.0	1.895	0.0	0.0	1.901	0.0	0.0	2.19	0.0	0.0	2.185	0.0
59	1600	1601	NS	1	0.0	38.269	24.949	0.0	40.425	25.24	0.0	25.777	14.051	0.0	25.838	14.185	0.0	1.908	0.0	0.0	1.916	0.0	0.0	2.208	0.0	0.0	2.199	0.0
60	1600	1601	NS	1	0.0	38.269	24.949	0.0	40.425	25.24	0.0	25.777	14.051	0.0	25.838	14.185	0.0	1.908	0.0	0.0	1.916	0.0	0.0	2.208	0.0	0.0	2.199	0.0
61	1600	1601	SN	1	0.0	40.072	25.501	0.0	39.686	24.642	0.0	25.948	13.915	0.0	23.872	12.974	0.0	1.911	0.0	0.0	1.918	0.0	0.0	2.192	0.0	0.0	2.202	0.0
62	1600	1601	SN	1	0.0	32.665	13.344	0.0	34.632	13.721	0.0	22.088	4.185	0.0	19.766	4.008	0.0	1.895	0.0	0.0	1.901	0.0	0.0	2.19	0.0	0.0	2.185	0.0
63	1600	1601	SN	1	0.0	40.072	25.501	0.0	39.686	24.642	0.0	25.948	13.915	0.0	23.872	12.974	0.0	1.911	0.0	0.0	1.918	0.0	0.0	2.192	0.0	0.0	2.202	0.0
64	1600	1601	NS	1	0.0	34.797	13.306	0.0	34.397	13.307	0.0	21.79	4.513	0.0	19.832	4.526	0.0	1.898	0.0	0.0	1.901	0.0	0.0	2.201	0.0	0.0	2.194	0.0
65	1601	1602	SN	1	0.0	40.083	25.499	0.0	37.204	24.625	0.0	25.943	13.78	0.0	24.489	12.886	0.0	1.911	0.0	0.0	1.917	0.0	0.0	2.192	0.0	0.0	2.205	0.0
66	1601	1602	NS	1	100000.0	-100000.0	0.0	0.0	2.542	0.0	100000.0	-100000.0	0.0	0.0	1.274	0.0	100000.0	-100000.0	0.0	0.0	0.558	0.0	100000.0	-100000.0	0.0	0.0	0.404	0.0
67	1601	1602	SN	1	0.0	32.649	13.408	0.0	34.61	13.717	0.0	22.104	4.159	0.0	19.6	3.93	0.0	1.895	0.0	0.0	1.901	0.0	0.0	2.191	0.0	0.0	2.186	0.0
68	1601	1602	SN	1	0.0	40.083	25.499	0.0	37.204	24.625	0.0	25.943	13.78	0.0	24.489	12.886	0.0	1.911	0.0	0.0	1.917	0.0	0.0	2.192	0.0	0.0	2.205	0.0

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle
	Range	10.0	3.0

Normal
Deviations
Alarming
High Errors

69	1601	1602	NS	1	100000.0	-100000.0	0.0	0.0	5.079	0.0	100000.0	-100000.0	0.0	0.0	3.811	0.0	100000.0	-100000.0	0.0	0.0	0.924	0.0	100000.0	-100000.0	0.0	0.0	0.887	0.0
70	1601	1602	NS	1	100000.0	-100000.0	0.0	0.0	5.079	0.0	100000.0	-100000.0	0.0	0.0	3.811	0.0	100000.0	-100000.0	0.0	0.0	0.924	0.0	100000.0	-100000.0	0.0	0.0	0.887	0.0
71	1601	1602	NS	1	100000.0	-100000.0	0.0	0.0	2.542	0.0	100000.0	-100000.0	0.0	0.0	1.274	0.0	100000.0	-100000.0	0.0	0.0	0.558	0.0	100000.0	-100000.0	0.0	0.0	0.404	0.0
72	1601	1602	SN	1	0.0	32.649	13.408	0.0	34.61	13.717	0.0	22.104	4.159	0.0	19.6	3.93	0.0	1.895	0.0	0.0	1.901	0.0	0.0	2.191	0.0	0.0	2.186	0.0
73	1602	1603	SN	1	0.0	34.485	13.415	0.0	35.74	13.701	0.0	22.099	4.154	0.0	19.953	4.11	0.0	1.904	0.0	0.0	1.9	0.0	0.0	2.193	0.0	0.0	2.185	0.0
74	1602	1603	NS	1	0.0	34.814	13.315	0.0	34.557	13.3	0.0	241.764	4.504	0.0	19.882	4.565	0.0	1.898	0.0	0.0	1.9	0.0	0.0	2.199	0.0	0.0	2.196	0.0
75	1602	1603	NS	1	0.0	34.814	13.315	0.0	34.557	13.3	0.0	241.764	4.504	0.0	19.882	4.565	0.0	1.898	0.0	0.0	1.9	0.0	0.0	2.199	0.0	0.0	2.196	0.0
76	1602	1603	SN	1	0.0	40.066	25.487	0.0	39.358	24.679	0.0	25.948	13.866	0.0	25.584	13.103	0.0	1.929	0.0	0.0	1.917	0.0	0.0	2.195	0.0	0.0	2.204	0.0
77	1602	1603	SN	1	0.0	34.485	13.415	0.0	35.74	13.701	0.0	22.099	4.154	0.0	19.953	4.11	0.0	1.904	0.0	0.0	1.9	0.0	0.0	2.193	0.0	0.0	2.185	0.0
78	1602	1603	SN	1	0.0	40.066	25.487	0.0	39.358	24.679	0.0	25.948	13.866	0.0	25.584	13.103	0.0	1.929	0.0	0.0	1.917	0.0	0.0	2.195	0.0	0.0	2.204	0.0
79	1602	1603	NS	1	0.0	39.476	24.762	0.0	39.598	25.238	0.0	281.979	14.004	0.0	25.827	14.215	0.0	1.909	0.0	0.0	1.915	0.0	0.0	2.207	0.0	0.0	2.201	0.0
80	1602	1603	NS	1	0.0	39.476	24.762	0.0	39.598	25.238	0.0	281.979	14.004	0.0	25.827	14.215	0.0	1.909	0.0	0.0	1.915	0.0	0.0	2.207	0.0	0.0	2.201	0.0
81	1603	1604	NS	1	0.0	38.247	24.766	0.0	39.598	25.032	0.0	25.386	14.046	0.0	24.845	14.012	0.0	1.908	0.0	0.0	1.916	0.0	0.0	2.207	0.0	0.0	2.202	0.0
82	1603	1604	SN	1	0.0	34.474	13.382	0.0	35.944	13.724	0.0	22.104	4.152	0.0	19.953	4.121	0.0	1.915	0.0	0.0	1.9	0.0	0.0	2.192	0.0	0.0	2.186	0.0
83	1603	1604	NS	1	0.0	34.797	13.281	0.0	34.546	13.228	0.0	21.928	4.531	0.0	19.882	4.456	0.0	1.897	0.0	0.0	1.9	0.0	0.0	2.199	0.0	0.0	2.196	0.0
84	1603	1604	NS	1	0.0	38.247	24.766	0.0	39.598	25.032	0.0	25.386	14.046	0.0	24.845	14.012	0.0	1.908	0.0	0.0	1.916	0.0	0.0	2.207	0.0	0.0	2.202	0.0
85	1603	1604	NS	1	0.0	34.797	13.281	0.0	34.546	13.228	0.0	21.928	4.531	0.0	19.882	4.456	0.0	1.897	0.0	0.0	1.9	0.0	0.0	2.199	0.0	0.0	2.196	0.0
86	1603	1604	SN	1	0.0	39.366	25.48	0.0	39.016	24.717	0.0	25.948	13.902	0.0	25.584	13.153	0.0	1.911	0.0	0.0	1.917	0.0	0.0	2.197	0.0	0.0	2.204	0.0
87	1603	1604	SN	1	0.0	34.474	13.382	0.0	35.944	13.724	0.0	22.104	4.152	0.0	19.953	4.121	0.0	1.915	0.0	0.0	1.9	0.0	0.0	2.192	0.0	0.0	2.186	0.0
88	1603	1604	SN	1	0.0	39.366	25.48	0.0	39.016	24.717	0.0	25.948	13.902	0.0	25.584	13.153	0.0	1.911	0.0	0.0	1.917	0.0	0.0	2.197	0.0	0.0	2.204	0.0
89	1604	1605	SN	1	0.0	39.35	25.413	0.0	40.582	24.74	0.0	25.937	13.868	0.0	25.926	13.198	0.0	1.915	0.0	0.0	1.918	0.0	0.0	2.194	0.0	0.0	2.202	0.0
90	1604	1605	NS	1	0.0	38.842	24.924	0.0	40.05	25.264	0.0	25.998	14.019	0.0	25.595	14.19	0.0	1.907	0.0	0.0	1.916	0.0	0.0	2.216	0.0	0.0	2.201	0.0
91	1604	1605	NS	1	0.0	34.439	13.305	0.0	34.568	13.286	0.0	21.567	4.591	0.0	19.931	4.592	0.0	1.898	0.0	0.0	1.9	0.0	0.0	2.209	0.0	0.0	2.196	0.0
92	1604	1605	SN	1	0.0	39.35	25.413	0.0	40.582	24.74	0.0	25.937	13.868	0.0	25.926	13.198	0.0	1.915	0.0	0.0	1.918	0.0	0.0	2.194	0.0	0.0	2.202	0.0
93	1604	1605	NS	1	0.0	38.842	24.924	0.0	40.05	25.264	0.0	25.998	14.019	0.0	25.595	14.19	0.0	1.907	0.0	0.0	1.916	0.0	0.0	2.216	0.0	0.0	2.201	0.0
94	1604	1605	NS	1	0.0	34.439	13.305	0.0	34.568	13.286	0.0	21.567	4.591	0.0	19.931	4.592	0.0	1.898	0.0	0.0	1.9	0.0	0.0	2.209	0.0	0.0	2.196	0.0
95	1605	1606	NS	1	0.0	34.455	13.297	0.0	34.562	13.245	0.0	21.572	4.637	0.0	19.926	4.61	0.0	1.898	0.0	0.0	1.898	0.0	0.0	2.2	0.0	0.0	2.196	0.0
96	1605	1606	SN	1	0.0	39.366	25.415	0.0	40.566	24.746	0.0	25.954	13.855	0.0	25.915	13.198	0.0	1.911	0.0	0.0	1.917	0.0	0.0	2.196	0.0	0.0	2.202	0.0
97	1605	1606	NS	1	0.0	38.44	24.884	0.0	39.581	25.253	0.0	26.009	14.076	0.0	24.84	14.218	0.0	1.906	0.0	0.0	1.917	0.0	0.0	2.209	0.0	0.0	2.202	0.0
98	1605	1606	NS	1	0.0	38.44	24.884	0.0	39.581	25.253	0.0	26.009	14.076	0.0	24.84	14.218	0.0	1.906	0.0	0.0	1.917	0.0	0.0	2.209	0.0	0.0	2.202	0.0
99	1605	1606	SN	1	0.0	34.816	13.421	0.0	36.479	13.751	0.0	22.203	4.163	0.0	19.882	4.067	0.0	1.895	0.0	0.0	1.9	0.0	0.0	2.194	0.0	0.0	2.187	0.0
100	1605	1606	SN	1	0.0	34.816	13.421	0.0	36.479	13.751	0.0	22.203	4.163	0.0	19.882	4.067	0.0	1.895	0.0	0.0	1.9	0.0	0.0	2.194	0.0	0.0	2.187	0.0
101	1605	1606	SN	1	0.0	39.366	25.415	0.0	40.566	24.746	0.0	25.954	13.855	0.0	25.915	13.198	0.0	1.911	0.0	0.0	1.917	0.0	0.0	2.196	0.0	0.0	2.202	0.0
102	1605	1606	NS	1	0.0	34.455	13.297	0.0	34.562	13.245	0.0	21.572	4.637	0.0	19.926	4.61	0.0	1.898	0.0	0.0	1.898	0.0	0.0	2.2	0.0	0.0	2.196	0.0
103	1606	1607	NS	1	0.0	34.461	13.32	0.0	34.574	13.212	0.0	22.054	4.685	0.0	19.92	4.628	0.0	1.897	0.0	0.0	1.9	0.0	0.0	2.2	0.0	0.0	2.195	0.0
104	1606	1607	SN	1	0.0	39.372	25.451	0.0	39.474	24.729	0.0	25.948	13.82	0.0	25.904	13.098	0.0	1.915	0.0	0.0	1.919	0.0	0.0	2.193	0.0	0.0	2.199	0.0
105	1606	1607	NS	1	0.0	34.461	13.32	0.0	34.574	13.212	0.0	22.054	4.685	0.0	19.92	4.628	0.0	1.897	0.0	0.0	1.9	0.0	0.0	2.2	0.0	0.0	2.195	0.0

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle
	Range	10.0	3.0

Normal
Deviations
Alarming
High Errors

106	1606	1607	NS	1	0.0	38.423	24.899	0.0	41.644	25.259	0.0	26.014	14.104	0.0	24.829	14.195	0.0	1.907	0.0	0.0	1.916	0.0	0.0	2.209	0.0	0.0	2.201	0.0
107	1606	1607	SN	1	0.0	34.805	13.395	0.0	36.463	13.772	0.0	22.187	4.156	0.0	19.887	4.024	0.0	1.916	0.0	0.0	1.901	0.0	0.0	2.189	0.0	0.0	2.191	0.0
108	1606	1607	SN	1	0.0	39.372	25.451	0.0	39.474	24.729	0.0	25.948	13.82	0.0	25.904	13.098	0.0	1.915	0.0	0.0	1.919	0.0	0.0	2.193	0.0	0.0	2.199	0.0
109	1606	1607	SN	1	0.0	34.805	13.395	0.0	36.463	13.772	0.0	22.187	4.156	0.0	19.887	4.024	0.0	1.916	0.0	0.0	1.901	0.0	0.0	2.189	0.0	0.0	2.191	0.0
110	1606	1607	NS	1	0.0	38.423	24.899	0.0	41.644	25.259	0.0	26.014	14.104	0.0	24.829	14.195	0.0	1.907	0.0	0.0	1.916	0.0	0.0	2.209	0.0	0.0	2.201	0.0
111	1607	1608	NS	1	0.0	34.461	13.314	0.0	34.59	13.237	0.0	22.082	4.685	0.0	19.92	4.642	0.0	1.897	0.0	0.0	1.903	0.0	0.0	2.201	0.0	0.0	2.196	0.0
112	1607	1608	NS	1	0.0	34.461	13.314	0.0	34.59	13.237	0.0	22.082	4.685	0.0	19.92	4.642	0.0	1.897	0.0	0.0	1.903	0.0	0.0	2.201	0.0	0.0	2.196	0.0
113	1607	1608	SN	1	0.0	34.811	13.404	0.0	36.44	13.726	0.0	22.209	4.105	0.0	19.882	4.099	0.0	1.908	0.0	0.0	1.9	0.0	0.0	2.188	0.0	0.0	2.191	0.0
114	1607	1608	SN	1	0.0	34.811	13.404	0.0	36.44	13.726	0.0	22.209	4.105	0.0	19.882	4.099	0.0	1.908	0.0	0.0	1.9	0.0	0.0	2.188	0.0	0.0	2.191	0.0
115	1607	1608	NS	1	0.0	38.815	24.924	0.0	41.285	25.268	0.0	26.003	14.105	0.0	25.568	14.266	0.0	1.907	0.0	0.0	1.922	0.0	0.0	2.209	0.0	0.0	2.203	0.0
116	1607	1608	SN	1	0.0	39.383	25.451	0.0	38.487	24.721	0.0	25.954	13.727	0.0	25.534	13.055	0.0	1.917	0.0	0.0	1.918	0.0	0.0	2.187	0.0	0.0	2.204	0.0
117	1607	1608	NS	1	0.0	38.815	24.924	0.0	41.285	25.268	0.0	26.003	14.105	0.0	25.568	14.266	0.0	1.907	0.0	0.0	1.922	0.0	0.0	2.209	0.0	0.0	2.203	0.0
118	1607	1608	SN	1	0.0	39.383	25.451	0.0	38.487	24.721	0.0	25.954	13.727	0.0	25.534	13.055	0.0	1.917	0.0	0.0	1.918	0.0	0.0	2.187	0.0	0.0	2.204	0.0
119	1608	1609	NS	1	0.0	38.798	24.855	0.0	39.554	25.308	0.0	26.02	14.091	0.0	25.562	14.231	0.0	1.907	0.0	0.0	1.917	0.0	0.0	2.211	0.0	0.0	2.201	0.0
120	1608	1609	SN	1	0.0	40.138	25.44	0.0	39.297	24.846	0.0	25.976	13.736	0.0	25.529	13.041	0.0	1.919	0.0	0.0	1.917	0.0	0.0	2.187	0.0	0.0	2.205	0.0
121	1608	1609	SN	1	0.0	34.794	13.437	0.0	36.446	13.747	0.0	22.121	4.096	0.0	19.882	4.111	0.0	1.901	0.0	0.0	1.899	0.0	0.0	2.188	0.0	0.0	2.191	0.0
122	1608	1609	SN	1	0.0	40.138	25.44	0.0	39.297	24.846	0.0	25.976	13.736	0.0	25.529	13.041	0.0	1.919	0.0	0.0	1.917	0.0	0.0	2.187	0.0	0.0	2.205	0.0
123	1608	1609	NS	1	0.0	34.472	13.269	0.0	34.596	13.236	0.0	22.066	4.646	0.0	19.915	4.631	0.0	1.897	0.0	0.0	1.901	0.0	0.0	2.202	0.0	0.0	2.195	0.0
124	1608	1609	NS	1	0.0	34.472	13.269	0.0	34.596	13.236	0.0	22.066	4.646	0.0	19.915	4.631	0.0	1.897	0.0	0.0	1.901	0.0	0.0	2.202	0.0	0.0	2.195	0.0
125	1608	1609	SN	1	0.0	34.794	13.437	0.0	36.446	13.747	0.0	22.121	4.096	0.0	19.882	4.111	0.0	1.901	0.0	0.0	1.899	0.0	0.0	2.188	0.0	0.0	2.191	0.0
126	1608	1609	NS	1	0.0	38.798	24.855	0.0	39.554	25.308	0.0	26.02	14.091	0.0	25.562	14.231	0.0	1.907	0.0	0.0	1.917	0.0	0.0	2.211	0.0	0.0	2.201	0.0
127	1609	1610	SN	1	0.0	34.8	13.414	0.0	37.075	13.733	0.0	22.286	4.103	0.0	19.931	4.098	0.0	1.903	0.0	0.0	1.903	0.0	0.0	2.193	0.0	0.0	2.189	0.0
128	1609	1610	NS	1	0.0	34.615	13.295	0.0	34.165	13.241	0.0	21.743	4.648	0.0	19.909	4.613	0.0	1.899	0.0	0.0	1.9	0.0	0.0	2.201	0.0	0.0	2.195	0.0
129	1609	1610	NS	1	0.0	34.615	13.295	0.0	34.165	13.241	0.0	21.743	4.648	0.0	19.909	4.613	0.0	1.899	0.0	0.0	1.9	0.0	0.0	2.201	0.0	0.0	2.195	0.0
130	1609	1610	SN	1	0.0	40.519	25.427	0.0	38.566	24.694	0.0	25.694	13.693	0.0	25.893	13.025	0.0	1.921	0.0	0.0	1.917	0.0	0.0	2.192	0.0	0.0	2.203	0.0
131	1609	1610	SN	1	0.0	40.519	25.427	0.0	38.566	24.694	0.0	25.694	13.693	0.0	25.893	13.025	0.0	1.921	0.0	0.0	1.917	0.0	0.0	2.192	0.0	0.0	2.203	0.0
132	1609	1610	SN	1	0.0	34.8	13.414	0.0	37.075	13.733	0.0	22.286	4.103	0.0	19.931	4.098	0.0	1.903	0.0	0.0	1.903	0.0	0.0	2.193	0.0	0.0	2.189	0.0
133	1609	1610	NS	1	0.0	40.011	24.794	0.0	40.552	25.297	0.0	25.716	14.069	0.0	24.823	14.22	0.0	1.911	0.0	0.0	1.915	0.0	0.0	2.209	0.0	0.0	2.201	0.0
134	1609	1610	NS	1	0.0	40.011	24.794	0.0	40.552	25.297	0.0	25.716	14.069	0.0	24.823	14.22	0.0	1.911	0.0	0.0	1.915	0.0	0.0	2.209	0.0	0.0	2.201	0.0
135	1610	1611	NS	1	0.0	38.759	24.918	0.0	39.691	25.255	0.0	26.036	14.052	0.0	25.11	14.201	0.0	1.909	0.0	0.0	1.916	0.0	0.0	2.208	0.0	0.0	2.201	0.0
136	1610	1611	SN	1	0.0	40.502	25.468	0.0	38.536	24.693	0.0	24.95	13.78	0.0	25.893	13.03	0.0	1.915	0.0	0.0	1.918	0.0	0.0	2.193	0.0	0.0	2.201	0.0
137	1610	1611	NS	1	0.0	38.759	24.918	0.0	39.691	25.255	0.0	26.036	14.052	0.0	25.11	14.201	0.0	1.909	0.0	0.0	1.916	0.0	0.0	2.208	0.0	0.0	2.201	0.0
138	1610	1611	SN	1	0.0	34.811	13.343	0.0	36.247	13.72	0.0	22.303	4.144	0.0	19.942	4.098	0.0	1.909	0.0	0.0	1.9	0.0	0.0	2.189	0.0	0.0	2.188	0.0
139	1610	1611	NS	1	0.0	34.488	13.291	0.0	34.618	13.272	0.0	22.082	4.603	0.0	19.854	4.579	0.0	1.898	0.0	0.0	1.9	0.0	0.0	2.2	0.0	0.0	2.197	0.0
140	1610	1611	SN	1	0.0	40.502	25.468	0.0	38.536	24.693	0.0	24.95	13.78	0.0	25.893	13.03	0.0	1.915	0.0	0.0	1.918	0.0	0.0	2.193	0.0	0.0	2.201	0.0
141	1610	1611	NS	1	0.0	34.488	13.291	0.0	34.618	13.272	0.0	22.082	4.603	0.0	19.854	4.579	0.0	1.898	0.0	0.0	1.9	0.0	0.0	2.2	0.0	0.0	2.197	0.0
142	1610	1611	SN	1	0.0	34.811	13.343	0.0	36.247	13.72	0.0	22.303	4.144	0.0	19.942	4.098	0.0	1.909	0.0	0.0	1.9	0.0	0.0	2.189	0.0	0.0	2.188	0.0

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle
	Range	10.0	3.0

Normal
Deviations
Alarming
High Errors

143	1611	1612	SN	1	0.0	34.789	13.393	0.0	36.236	13.747	0.0	22.225	4.16	0.0	19.931	4.098	0.0	1.927	0.0	0.0	1.9	0.0	0.0	2.189	0.0	0.0	2.188	0.0
144	1611	1612	NS	1	0.0	39.995	24.829	0.0	40.817	25.266	0.0	26.031	14.087	0.0	25.54	14.177	0.0	1.909	0.0	0.0	1.915	0.0	0.0	2.207	0.0	0.0	2.201	0.0
145	1611	1612	SN	1	0.0	40.502	25.447	0.0	39.435	24.691	0.0	25.661	13.843	0.0	25.887	13.071	0.0	1.913	0.0	0.0	1.919	0.0	0.0	2.193	0.0	0.0	2.201	0.0
146	1611	1612	SN	1	0.0	40.502	25.447	0.0	39.435	24.691	0.0	25.661	13.843	0.0	25.887	13.071	0.0	1.913	0.0	0.0	1.919	0.0	0.0	2.193	0.0	0.0	2.201	0.0
147	1611	1612	NS	1	0.0	34.615	13.32	0.0	34.182	13.279	0.0	21.611	4.603	0.0	19.915	4.596	0.0	1.897	0.0	0.0	1.899	0.0	0.0	2.201	0.0	0.0	2.193	0.0
148	1611	1612	NS	1	0.0	34.615	13.32	0.0	34.182	13.279	0.0	21.611	4.603	0.0	19.915	4.596	0.0	1.897	0.0	0.0	1.899	0.0	0.0	2.201	0.0	0.0	2.193	0.0
149	1611	1612	NS	1	0.0	39.995	24.829	0.0	40.817	25.266	0.0	26.031	14.087	0.0	25.54	14.177	0.0	1.909	0.0	0.0	1.915	0.0	0.0	2.207	0.0	0.0	2.201	0.0
150	1611	1612	SN	1	0.0	34.789	13.393	0.0	36.236	13.747	0.0	22.225	4.16	0.0	19.931	4.098	0.0	1.927	0.0	0.0	1.9	0.0	0.0	2.189	0.0	0.0	2.188	0.0
151	1612	1613	SN	1	0.0	39.581	25.388	0.0	39.43	24.679	0.0	24.939	13.864	0.0	25.871	13.086	0.0	1.912	0.0	0.0	1.918	0.0	0.0	2.195	0.0	0.0	2.201	0.0
152	1612	1613	NS	1	0.0	39.989	24.844	0.0	40.122	25.257	0.0	26.042	14.142	0.0	25.529	14.226	0.0	1.908	0.0	0.0	1.916	0.0	0.0	2.208	0.0	0.0	2.201	0.0
153	1612	1613	NS	1	0.0	34.632	13.306	0.0	34.618	13.281	0.0	21.611	4.638	0.0	19.904	4.603	0.0	1.899	0.0	0.0	1.901	0.0	0.0	2.201	0.0	0.0	2.194	0.0
154	1612	1613	SN	1	0.0	39.581	25.388	0.0	39.43	24.679	0.0	24.939	13.864	0.0	25.871	13.086	0.0	1.912	0.0	0.0	1.918	0.0	0.0	2.195	0.0	0.0	2.201	0.0
155	1612	1613	NS	1	0.0	34.632	13.306	0.0	34.618	13.281	0.0	21.611	4.638	0.0	19.904	4.603	0.0	1.899	0.0	0.0	1.901	0.0	0.0	2.201	0.0	0.0	2.194	0.0
156	1612	1613	NS	1	0.0	39.989	24.844	0.0	40.122	25.257	0.0	26.042	14.142	0.0	25.529	14.226	0.0	1.908	0.0	0.0	1.916	0.0	0.0	2.208	0.0	0.0	2.201	0.0
157	1613	1614	NS	1	0.0	34.626	13.32	0.0	34.623	13.265	0.0	21.622	4.659	0.0	19.904	4.61	0.0	1.9	0.0	0.0	1.9	0.0	0.0	2.201	0.0	0.0	2.194	0.0
158	1613	1614	NS	1	0.0	39.989	24.853	0.0	39.951	25.261	0.0	26.053	14.056	0.0	25.529	14.268	0.0	1.911	0.0	0.0	1.915	0.0	0.0	2.21	0.0	0.0	2.2	0.0
159	1613	1614	NS	1	0.0	34.626	13.32	0.0	34.623	13.265	0.0	21.622	4.659	0.0	19.904	4.61	0.0	1.9	0.0	0.0	1.9	0.0	0.0	2.201	0.0	0.0	2.194	0.0
160	1613	1614	SN	1	0.0	39.438	25.379	0.0	39.413	24.672	0.0	25.424	13.827	0.0	25.871	13.106	0.0	1.912	0.0	0.0	1.917	0.0	0.0	2.197	0.0	0.0	2.201	0.0
161	1613	1614	SN	1	0.0	39.438	25.379	0.0	39.413	24.672	0.0	25.424	13.827	0.0	25.871	13.106	0.0	1.912	0.0	0.0	1.917	0.0	0.0	2.197	0.0	0.0	2.201	0.0
162	1613	1614	NS	1	0.0	39.989	24.853	0.0	39.951	25.261	0.0	26.053	14.056	0.0	25.529	14.268	0.0	1.911	0.0	0.0	1.915	0.0	0.0	2.21	0.0	0.0	2.2	0.0
163	1614	1615	NS	1	0.0	39.973	24.802	0.0	40.1	25.264	0.0	26.053	14.096	0.0	25.518	14.276	0.0	1.909	0.0	0.0	1.915	0.0	0.0	2.21	0.0	0.0	2.201	0.0
164	1614	1615	SN	1	0.0	34.645	13.435	0.0	240.391	13.766	0.0	22.303	4.119	0.0	19.915	4.049	0.0	1.913	0.0	0.0	1.9	0.0	0.0	2.189	0.0	0.0	2.181	0.0
165	1614	1615	SN	1	0.0	39.289	25.405	0.0	100.486	24.704	0.0	25.667	13.797	0.0	25.86	13.026	0.0	1.918	0.0	0.0	1.918	0.0	0.0	2.199	0.0	0.0	2.2	0.0
166	1614	1615	NS	1	0.0	34.648	13.293	0.0	34.64	13.242	0.0	21.638	4.684	0.0	19.898	4.635	0.0	1.898	0.0	0.0	1.9	0.0	0.0	2.201	0.0	0.0	2.195	0.0
167	1614	1615	NS	1	0.0	39.973	24.802	0.0	40.1	25.264	0.0	26.053	14.096	0.0	25.518	14.276	0.0	1.909	0.0	0.0	1.915	0.0	0.0	2.21	0.0	0.0	2.201	0.0
168	1614	1615	SN	1	0.0	34.645	13.435	0.0	240.391	13.766	0.0	22.303	4.119	0.0	19.915	4.049	0.0	1.913	0.0	0.0	1.9	0.0	0.0	2.189	0.0	0.0	2.181	0.0
169	1614	1615	SN	1	0.0	39.289	25.405	0.0	100.486	24.704	0.0	25.667	13.797	0.0	25.86	13.026	0.0	1.918	0.0	0.0	1.918	0.0	0.0	2.199	0.0	0.0	2.2	0.0
170	1614	1615	NS	1	0.0	34.648	13.293	0.0	34.64	13.242	0.0	21.638	4.684	0.0	19.898	4.635	0.0	1.898	0.0	0.0	1.9	0.0	0.0	2.201	0.0	0.0	2.195	0.0
171	1615	1616	SN	1	0.0	34.496	13.395	0.0	185.963	13.722	0.0	21.961	4.076	0.0	19.97	4.112	0.0	1.904	0.0	0.0	1.9	0.0	0.0	2.192	0.0	0.0	2.186	0.0
172	1615	1616	NS	1	0.0	34.78	13.23	0.0	34.375	13.202	0.0	21.784	4.687	0.0	19.848	4.606	0.0	1.897	0.0	0.0	1.899	0.0	0.0	2.201	0.0	0.0	2.196	0.0
173	1615	1616	NS	1	0.0	34.78	13.23	0.0	34.375	13.202	0.0	21.784	4.687	0.0	19.848	4.606	0.0	1.897	0.0	0.0	1.899	0.0	0.0	2.201	0.0	0.0	2.196	0.0
174	1615	1616	SN	1	0.0	40.039	25.472	0.0	73.849	24.751	0.0	25.909	13.695	0.0	25.606	12.869	0.0	1.922	0.0	0.0	1.917	0.0	0.0	2.192	0.0	0.0	2.205	0.0
175	1615	1616	NS	1	0.0	38.908	24.785	0.0	40.464	25.255	0.0	25.755	14.109	0.0	25.854	14.299	0.0	1.908	0.0	0.0	1.913	0.0	0.0	2.209	0.0	0.0	2.202	0.0
176	1615	1616	SN	1	0.0	40.039	25.472	0.0	73.849	24.751	0.0	25.909	13.695	0.0	25.606	12.869	0.0	1.922	0.0	0.0	1.917	0.0	0.0	2.192	0.0	0.0	2.205	0.0
177	1615	1616	SN	1	0.0	34.496	13.395	0.0	185.963	13.722	0.0	21.961	4.076	0.0	19.97	4.112	0.0	1.904	0.0	0.0	1.9	0.0	0.0	2.192	0.0	0.0	2.186	0.0
178	1615	1616	NS	1	0.0	38.908	24.785	0.0	40.464	25.255	0.0	25.755	14.109	0.0	25.854	14.299	0.0	1.908	0.0	0.0	1.913	0.0	0.0	2.209	0.0	0.0	2.202	0.0
179	1616	1617	NS	1	0.0	133.554	13.294	0.0	34.535	13.241	0.0	22.016	4.633	0.0	19.904	4.65	0.0	1.896	0.0	0.0	1.9	0.0	0.0	2.2	0.0	0.0	2.196	0.0

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle
	Range	10.0	3.0

Normal
Deviations
Alarming
High Errors

180	1616	1617	NS	1	0.0	142.4	24.771	0.0	40.905	25.274	0.0	25.992	14.031	0.0	25.86	14.257	0.0	1.909	0.0	0.0	1.915	0.0	0.0	2.208	0.0	0.0	2.203	0.0
181	1616	1617	SN	1	0.0	40.033	25.445	0.0	39.397	24.757	0.0	25.909	13.682	0.0	25.617	12.854	0.0	1.924	0.0	0.0	1.918	0.0	0.0	2.193	0.0	0.0	2.204	0.0
182	1616	1617	SN	1	0.0	34.507	13.412	0.0	35.757	13.718	0.0	21.961	4.056	0.0	19.975	4.094	0.0	1.902	0.0	0.0	1.901	0.0	0.0	2.189	0.0	0.0	2.188	0.0
183	1616	1617	SN	1	0.0	34.507	13.412	0.0	35.757	13.718	0.0	21.961	4.056	0.0	19.975	4.094	0.0	1.902	0.0	0.0	1.901	0.0	0.0	2.189	0.0	0.0	2.188	0.0
184	1616	1617	NS	1	0.0	133.554	13.294	0.0	34.535	13.241	0.0	22.016	4.633	0.0	19.904	4.65	0.0	1.896	0.0	0.0	1.9	0.0	0.0	2.2	0.0	0.0	2.196	0.0
185	1616	1617	NS	1	0.0	142.4	24.771	0.0	40.905	25.274	0.0	25.992	14.031	0.0	25.86	14.257	0.0	1.909	0.0	0.0	1.915	0.0	0.0	2.208	0.0	0.0	2.203	0.0
186	1616	1617	SN	1	0.0	40.033	25.445	0.0	39.397	24.757	0.0	25.909	13.682	0.0	25.617	12.854	0.0	1.924	0.0	0.0	1.918	0.0	0.0	2.193	0.0	0.0	2.204	0.0
187	1617	1618	NS	1	0.0	39.526	24.712	0.0	39.636	25.272	0.0	25.981	14.06	0.0	25.854	14.264	0.0	1.909	0.0	0.0	1.916	0.0	0.0	2.208	0.0	0.0	2.203	0.0
188	1617	1618	SN	1	0.0	40.033	25.39	0.0	39.385	24.746	0.0	25.314	13.674	0.0	25.617	12.946	0.0	1.932	0.0	0.0	1.918	0.0	0.0	2.195	0.0	0.0	2.205	0.0
189	1617	1618	NS	1	0.0	39.526	24.712	0.0	39.636	25.272	0.0	25.981	14.06	0.0	25.854	14.264	0.0	1.909	0.0	0.0	1.916	0.0	0.0	2.208	0.0	0.0	2.203	0.0
190	1617	1618	SN	1	0.0	40.033	25.39	0.0	39.385	24.746	0.0	25.314	13.674	0.0	25.617	12.946	0.0	1.932	0.0	0.0	1.918	0.0	0.0	2.195	0.0	0.0	2.205	0.0
191	1617	1618	SN	1	0.0	34.507	13.44	0.0	35.988	13.732	0.0	21.961	4.083	0.0	19.959	4.113	0.0	1.916	0.0	0.0	1.899	0.0	0.0	2.189	0.0	0.0	2.187	0.0
192	1617	1618	NS	1	0.0	34.786	13.261	0.0	34.529	13.245	0.0	21.911	4.669	0.0	19.898	4.645	0.0	1.897	0.0	0.0	1.9	0.0	0.0	2.201	0.0	0.0	2.197	0.0
193	1617	1618	NS	1	0.0	34.786	13.261	0.0	34.529	13.245	0.0	21.911	4.669	0.0	19.898	4.645	0.0	1.897	0.0	0.0	1.9	0.0	0.0	2.201	0.0	0.0	2.197	0.0
194	1617	1618	SN	1	0.0	34.507	13.44	0.0	35.988	13.732	0.0	21.961	4.083	0.0	19.959	4.113	0.0	1.916	0.0	0.0	1.899	0.0	0.0	2.189	0.0	0.0	2.187	0.0
195	1618	1619	SN	1	0.0	40.044	25.373	0.0	39.385	24.704	0.0	25.303	13.739	0.0	25.612	12.897	0.0	1.926	0.0	0.0	1.918	0.0	0.0	2.193	0.0	0.0	2.203	0.0
196	1618	1619	SN	1	0.0	34.502	13.427	0.0	35.966	13.743	0.0	22.33	4.087	0.0	19.964	4.115	0.0	1.921	0.0	0.0	1.899	0.0	0.0	2.188	0.0	0.0	2.188	0.0
197	1618	1619	NS	1	0.0	34.791	13.273	0.0	34.535	13.241	0.0	21.917	4.668	0.0	19.893	4.62	0.0	1.899	0.0	0.0	1.901	0.0	0.0	2.201	0.0	0.0	2.197	0.0
198	1618	1619	NS	1	0.0	34.791	13.273	0.0	34.535	13.241	0.0	21.917	4.668	0.0	19.893	4.62	0.0	1.899	0.0	0.0	1.901	0.0	0.0	2.201	0.0	0.0	2.197	0.0
199	1618	1619	SN	1	0.0	34.502	13.427	0.0	35.966	13.743	0.0	22.33	4.087	0.0	19.964	4.115	0.0	1.921	0.0	0.0	1.899	0.0	0.0	2.188	0.0	0.0	2.188	0.0
200	1618	1619	SN	1	0.0	40.044	25.373	0.0	39.385	24.704	0.0	25.303	13.739	0.0	25.612	12.897	0.0	1.926	0.0	0.0	1.918	0.0	0.0	2.193	0.0	0.0	2.203	0.0
201	1618	1619	NS	1	0.0	39.482	24.756	0.0	39.625	25.293	0.0	25.369	14.102	0.0	25.854	14.278	0.0	1.909	0.0	0.0	1.916	0.0	0.0	2.208	0.0	0.0	2.203	0.0
202	1618	1619	NS	1	0.0	39.482	24.756	0.0	39.625	25.293	0.0	25.369	14.102	0.0	25.854	14.278	0.0	1.909	0.0	0.0	1.916	0.0	0.0	2.208	0.0	0.0	2.203	0.0
203	1619	1620	SN	1	0.0	34.485	13.398	0.0	36.854	13.776	0.0	22.33	4.08	0.0	19.953	4.105	0.0	1.905	0.0	0.0	1.9	0.0	0.0	2.188	0.0	0.0	2.184	0.0
204	1619	1620	NS	1	0.0	38.318	24.709	0.0	40.745	25.143	0.0	25.375	14.067	0.0	25.204	14.177	0.0	1.908	0.0	0.0	1.916	0.0	0.0	2.21	0.0	0.0	2.204	0.0
205	1619	1620	SN	1	0.0	40.061	25.373	0.0	39.363	24.723	0.0	25.705	13.697	0.0	25.584	12.868	0.0	1.924	0.0	0.0	1.919	0.0	0.0	2.195	0.0	0.0	2.203	0.0
206	1619	1620	NS	1	0.0	34.797	13.278	0.0	34.392	13.14	0.0	21.917	4.696	0.0	19.942	4.563	0.0	1.897	0.0	0.0	1.901	0.0	0.0	2.201	0.0	0.0	2.198	0.0
207	1619	1620	NS	1	0.0	38.318	24.709	0.0	40.745	25.143	0.0	25.375	14.067	0.0	25.204	14.177	0.0	1.908	0.0	0.0	1.916	0.0	0.0	2.21	0.0	0.0	2.204	0.0
208	1619	1620	SN	1	0.0	34.485	13.398	0.0	36.854	13.776	0.0	22.33	4.08	0.0	19.953	4.105	0.0	1.905	0.0	0.0	1.9	0.0	0.0	2.188	0.0	0.0	2.184	0.0
209	1619	1620	SN	1	0.0	40.061	25.373	0.0	39.363	24.723	0.0	25.705	13.697	0.0	25.584	12.868	0.0	1.924	0.0	0.0	1.919	0.0	0.0	2.195	0.0	0.0	2.203	0.0
210	1619	1620	NS	1	0.0	34.797	13.278	0.0	34.392	13.14	0.0	21.917	4.696	0.0	19.942	4.563	0.0	1.897	0.0	0.0	1.901	0.0	0.0	2.201	0.0	0.0	2.198	0.0
211	1620	1621	SN	1	0.0	39.327	25.333	0.0	226.603	24.666	0.0	25.937	13.663	0.0	25.573	12.884	0.0	1.934	0.0	0.0	1.917	0.0	0.0	2.197	0.0	0.0	2.201	0.0
212	1620	1621	SN	1	0.0	34.827	13.37	0.0	78.911	13.76	0.0	22.088	4.075	0.0	19.893	4.072	0.0	1.919	0.0	0.0	1.899	0.0	0.0	2.19	0.0	0.0	2.19	0.0
213	1620	1621	SN	1	0.0	34.827	13.37	0.0	78.911	13.76	0.0	22.088	4.075	0.0	19.893	4.072	0.0	1.919	0.0	0.0	1.899	0.0	0.0	2.19	0.0	0.0	2.19	0.0
214	1620	1621	NS	1	0.0	34.797	13.262	0.0	34.397	13.177	0.0	21.917	4.73	0.0	19.937	4.639	0.0	1.896	0.0	0.0	1.901	0.0	0.0	2.201	0.0	0.0	2.198	0.0
215	1620	1621	SN	1	0.0	39.327	25.333	0.0	226.603	24.666	0.0	25.937	13.663	0.0	25.573	12.884	0.0	1.934	0.0	0.0	1.917	0.0	0.0	2.197	0.0	0.0	2.201	0.0
216	1620	1621	NS	1	0.0	39.493	24.674	0.0	41.997	25.341	0.0	25.386	14.068	0.0	25.838	14.312	0.0	1.909	0.0	0.0	1.916	0.0	0.0	2.21	0.0	0.0	2.204	0.0

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle
	Range	10.0	3.0

Normal
Deviations
Alarming
High Errors

217	1620	1621	NS	1	0.0	34.797	13.262	0.0	34.397	13.177	0.0	21.917	4.73	0.0	19.937	4.639	0.0	1.896	0.0	0.0	1.901	0.0	0.0	2.201	0.0	0.0	2.198	0.0
218	1620	1621	NS	1	0.0	39.493	24.674	0.0	41.997	25.341	0.0	25.386	14.068	0.0	25.838	14.312	0.0	1.909	0.0	0.0	1.916	0.0	0.0	2.21	0.0	0.0	2.204	0.0
219	1621	1622	NS	1	0.0	34.433	13.261	0.0	34.557	13.145	0.0	22.049	4.749	0.0	19.931	4.638	0.0	1.894	0.0	0.0	1.901	0.0	0.0	2.202	0.0	0.0	2.196	0.0
220	1621	1622	NS	1	0.0	34.433	13.261	0.0	34.557	13.145	0.0	22.049	4.749	0.0	19.931	4.638	0.0	1.894	0.0	0.0	1.901	0.0	0.0	2.202	0.0	0.0	2.196	0.0
221	1621	1622	NS	1	0.0	38.853	24.798	0.0	41.688	25.354	0.0	25.998	14.035	0.0	25.612	14.352	0.0	1.907	0.0	0.0	1.917	0.0	0.0	2.212	0.0	0.0	2.203	0.0
222	1621	1622	SN	1	0.0	34.838	13.394	0.0	36.661	13.756	0.0	22.088	4.052	0.0	19.893	4.12	0.0	1.918	0.0	0.0	1.899	0.0	0.0	2.188	0.0	0.0	2.193	0.0
223	1621	1622	SN	1	0.0	34.838	13.394	0.0	36.661	13.756	0.0	22.088	4.052	0.0	19.893	4.12	0.0	1.918	0.0	0.0	1.899	0.0	0.0	2.188	0.0	0.0	2.193	0.0
224	1621	1622	SN	1	0.0	39.333	25.305	0.0	38.522	24.717	0.0	25.932	13.615	0.0	25.568	12.898	0.0	1.936	0.0	0.0	1.917	0.0	0.0	2.202	0.0	0.0	2.205	0.0
225	1621	1622	NS	1	0.0	38.853	24.798	0.0	41.688	25.354	0.0	25.998	14.035	0.0	25.612	14.352	0.0	1.907	0.0	0.0	1.917	0.0	0.0	2.212	0.0	0.0	2.203	0.0
226	1621	1622	SN	1	0.0	39.333	25.305	0.0	38.522	24.717	0.0	25.932	13.615	0.0	25.568	12.898	0.0	1.936	0.0	0.0	1.917	0.0	0.0	2.202	0.0	0.0	2.205	0.0

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle
	Range	10.0	3.0

Normal
Alarming
Deviations
High Errors