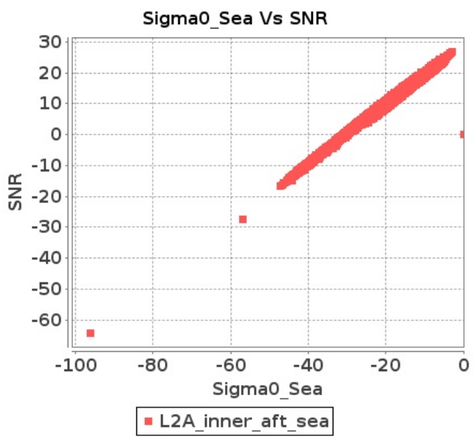
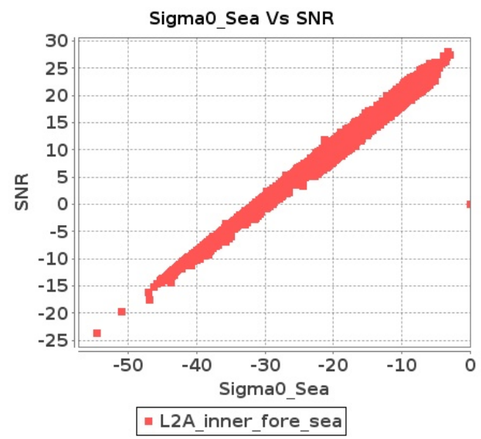
SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 10-MAR-2019 To 11-MAR-2019

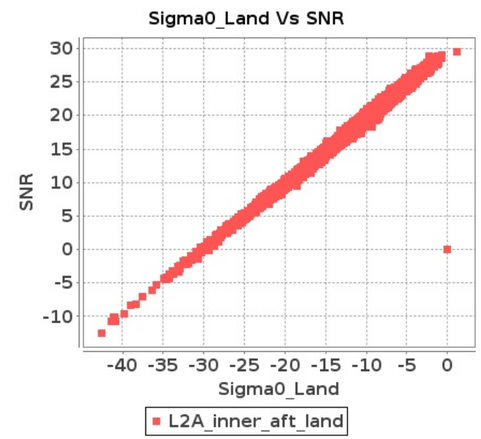
Inner Sea Aft Sigma0VsSNR



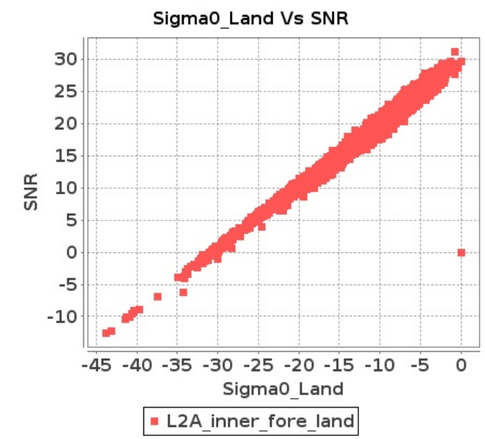
Inner Sea Fore Sigma0VsSNR



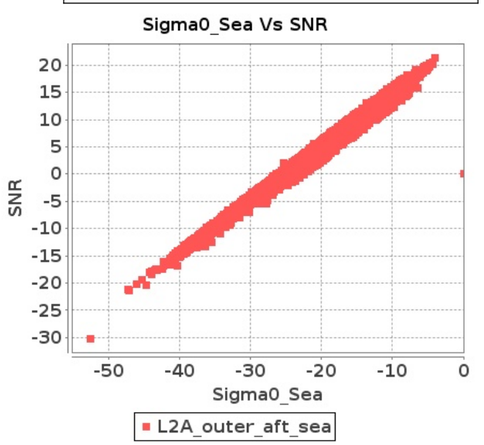
Inner Land Aft Sigma0VsSNR



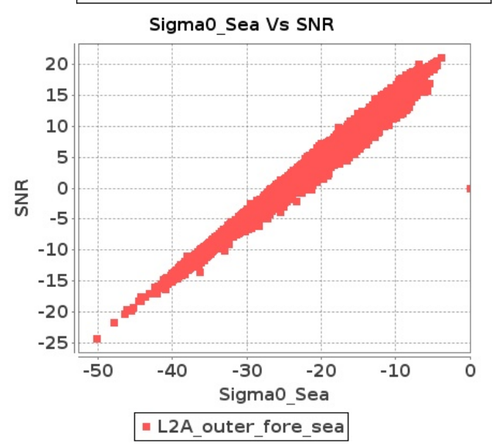
Inner Land Fore Sigma0VsSNR



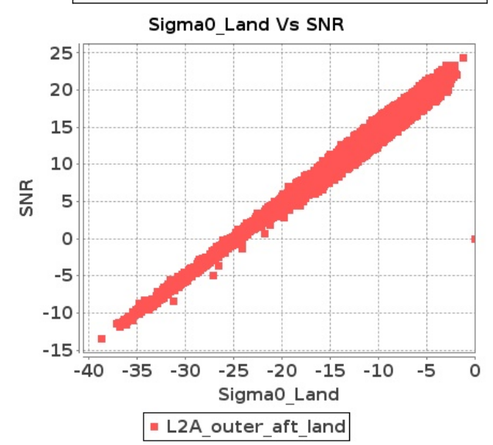
Outer Sea Aft Sigma0VsSNR



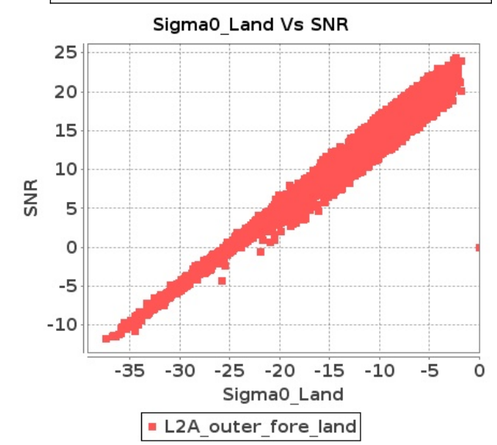
Outer Sea Fore Sigma0VsSNR



Outer Land Aft Sigma0VsSNR



Outer Land Fore Sigma0VsSNR



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

Report between 10-MAR-2019 To 11-MAR-2019

					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	12974	12975	SN	1	0.0	48.734	2.44	0.0	46.606	3.228	0.0	42.143	2.345	0.0	47.679	3.056	0.0	48.472	2.46	0.0	46.107	2.952	0.0	42.401	2.288	0.0	47.597	2.756
2	12974	12975	SN	1	0.0	48.734	2.553	0.0	46.606	3.392	0.0	42.143	2.434	0.0	47.679	3.199	0.0	48.472	2.563	0.0	46.107	3.103	0.0	42.401	2.397	0.0	47.597	2.898
3	12974	12975	SN	1	0.0	44.914	0.714	0.0	45.726	0.956	0.0	38.12	0.668	0.0	45.206	1.032	0.0	46.068	0.71	0.0	46.484	0.906	0.0	37.882	0.639	0.0	40.379	0.887
4	12974	12975	SN	1	0.0	44.914	0.751	0.0	45.726	1.005	0.0	38.12	0.691	0.0	45.206	1.086	0.0	46.068	0.746	0.0	46.484	0.952	0.0	37.882	0.663	0.0	40.379	0.933
5	12974	12975	SN	1	0.0	48.734	2.44	0.0	46.606	3.228	0.0	42.143	2.345	0.0	47.679	3.056	0.0	48.472	2.46	0.0	46.107	2.952	0.0	42.401	2.288	0.0	47.597	2.756
6	12974	12975	SN	1	0.0	44.914	0.714	0.0	45.726	0.956	0.0	38.12	0.668	0.0	45.206	1.032	0.0	46.068	0.71	0.0	46.484	0.906	0.0	37.882	0.639	0.0	40.379	0.887
7	12975	12976	SN	1	0.0	47.293	5.371	0.0	55.813	6.414	0.0	47.815	5.466	0.0	47.103	6.726	0.0	47.854	5.69	0.0	58.083	6.383	0.0	48.569	5.559	0.0	47.891	6.495
8	12975	12976	SN	1	0.0	47.293	5.27	0.0	56.065	6.337	0.0	48.454	5.397	0.0	47.103	6.594	0.0	47.854	5.594	0.0	58.335	6.317	0.0	49.211	5.496	0.0	47.891	6.396
9	12975	12976	NS	1	0.0	45.494	1.78	0.0	44.66	2.093	0.0	41.342	1.638	0.0	43.101	2.114	0.0	44.955	1.809	0.0	43.739	2.059	0.0	39.301	1.59	0.0	46.263	1.958
10	12975	12976	SN	1	0.0	45.273	1.5	0.0	46.512	2.01	0.0	43.361	1.464	0.0	45.932	2.048	0.0	43.401	1.559	0.0	48.163	1.99	0.0	41.487	1.545	0.0	45.296	2.009
11	12975	12976	SN	1	0.0	47.293	5.29	0.0	55.813	6.327	0.0	47.815	5.39	0.0	47.103	6.608	0.0	47.854	5.604	0.0	58.083	6.296	0.0	48.569	5.482	0.0	47.891	6.403
12	12975	12976	NS	1	0.0	61.029	6.719	0.0	53.638	7.37	0.0	47.004	5.878	0.0	47.572	6.903	0.0	61.426	6.587	0.0	53.069	7.258	0.0	47.121	5.892	0.0	45.694	6.717
13	12975	12976	SN	1	0.0	45.273	1.491	0.0	47.442	2.003	0.0	44.407	1.471	0.0	45.934	2.048	0.0	43.401	1.549	0.0	48.163	1.983	0.0	42.534	1.542	0.0	45.296	2.0
14	12975	12976	SN	1	0.0	45.273	1.514	0.0	46.512	2.027	0.0	44.407	1.49	0.0	45.934	2.075	0.0	43.401	1.575	0.0	48.163	2.009	0.0	42.534	1.562	0.0	45.296	2.029
15	12976	12977	SN	1	0.0	58.749	5.272	0.0	45.488	6.603	0.0	43.356	5.077	0.0	46.393	6.489	0.0	59.63	5.373	0.0	47.739	6.399	0.0	43.147	5.084	0.0	45.063	6.381
16	12976	12977	SN	1	0.0	50.466	5.31	0.0	51.743	6.678	0.0	47.511	5.168	0.0	46.538	6.595	0.0	51.415	5.443	0.0	54.276	6.471	0.0	48.178	5.189	0.0	45.209	6.479
17	12976	12977	SN	1	0.0	44.885	1.46	0.0	51.506	2.231	0.0	46.22	1.545	0.0	46.254	2.233	0.0	46.098	1.498	0.0	54.703	2.076	0.0	43.513	1.497	0.0	44.841	2.182
18	12976	12977	NS	1	0.0	44.939	1.156	0.0	49.054	1.738	0.0	43.534	1.339	0.0	40.217	1.627	0.0	46.331	1.154	0.0	48.129	1.697	0.0	41.327	1.299	0.0	42.233	1.585
19	12976	12977	NS	1	0.0	44.821	1.143	0.0	48.84	1.749	0.0	43.534	1.33	0.0	40.217	1.627	0.0	46.217	1.138	0.0	48.034	1.711	0.0	41.327	1.305	0.0	42.261	1.586
20	12976	12977	NS	1	0.0	46.644	3.799	0.0	55.783	5.484	0.0	45.31	3.971	0.0	47.937	5.548	0.0	48.145	3.87	0.0	56.162	5.495	0.0	46.317	3.928	0.0	47.623	5.399
21	12976	12977	NS	1	0.0	46.636	3.778	0.0	56.254	5.464	0.0	45.31	3.957	0.0	47.87	5.52	0.0	48.135	3.86	0.0	56.633	5.505	0.0	46.317	3.936	0.0	47.556	5.385
22	12976	12977	SN	1	0.0	44.885	1.477	0.0	42.235	2.252	0.0	46.22	1.546	0.0	46.399	2.261	0.0	46.098	1.514	0.0	43.846	2.093	0.0	43.68	1.496	0.0	44.987	2.196
23	12977	12978	NS	1	0.0	42.055	1.213	0.0	50.974	1.858	0.0	49.617	1.383	0.0	40.177	1.924	0.0	42.086	1.208	0.0	51.095	1.772	0.0	49.881	1.426	0.0	39.476	1.894
24	12977	12978	SN	1	0.0	43.618	2.133	0.0	42.699	2.448	0.0	44.247	2.62	0.0	38.178	3.55	0.0	42.9	2.061	0.0	39.979	2.033	0.0	41.843	2.324	0.0	37.256	2.779
25	12977	12978	SN	1	0.0	36.433	0.641	0.0	41.706	0.829	0.0	36.805	0.83	0.0	39.062	1.211	0.0	35.695	0.598	0.0	39.167	0.695	0.0	35.373	0.74	0.0	35.302	0.893
26	12977	12978	SN	1	0.0	36.433	0.641	0.0	41.706	0.829	0.0	36.805	0.83	0.0	39.062	1.211	0.0	35.695	0.598	0.0	39.167	0.695	0.0	35.373	0.74	0.0	35.302	0.893
27	12977	12978	SN	1	0.0	43.618	2.061	0.0	42.699	2.398	0.0	44.247	2.583	0.0	38.178	3.484	0.0	42.9	2.021	0.0	39.979	1.992	0.0	41.843	2.314	0.0	37.256	2.7
28	12977	12978	SN	1	0.0	43.618	2.061	0.0	42.699	2.398	0.0	44.247	2.583	0.0	38.178	3.484	0.0	42.9	2.021	0.0	39.979	1.992	0.0	41.843	2.314	0.0	37.256	2.7
29	12977	12978	NS	1	0.0	49.325	4.378	0.0	50.491	5.625	0.0	45.567	4.127	0.0	49.965	5.542	0.0	50.918	4.521	0.0	52.211	5.544	0.0	47.21	4.241	0.0	48.176	5.449
30	12977	12978	SN	1	0.0	36.433	0.649	0.0	41.706	0.852	0.0	36.805	0.841	0.0	39.062	1.24	0.0	35.695	0.603	0.0	39.167	0.711	0.0	35.373	0.762	0.0	35.302	0.919
31	12978	12979	NS	1	0.0	49.479	0.666	0.0	43.924	0.727	0.0	38.067	0.6	0.0	42.696	0.701	0.0	50.15	0.664	0.0	42.579	0.675	0.0	40.531	0.56	0.0	41.869	0.555

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Deviations
Alarming
High Errors

32	12978	12979	SN	1	0.0	34.967	0.945	0.0	39.082	1.236	0.0	37.686	1.092	0.0	40.832	1.623	0.0	34.831	0.95	0.0	36.488	1.164	0.0	37.229	1.051	0.0	39.573	1.387
33	12978	12979	SN	1	0.0	34.967	0.945	0.0	39.082	1.236	0.0	37.686	1.092	0.0	40.832	1.623	0.0	34.831	0.95	0.0	36.488	1.164	0.0	37.229	1.051	0.0	39.573	1.387
34	12978	12979	SN	1	0.0	34.967	0.985	0.0	39.082	1.273	0.0	37.686	1.132	0.0	40.832	1.67	0.0	34.831	0.985	0.0	36.488	1.197	0.0	37.229	1.09	0.0	39.573	1.421
35	12978	12979	NS	1	0.0	53.819	2.602	0.0	51.71	2.542	0.0	43.362	2.281	0.0	45.516	2.43	0.0	54.197	2.612	0.0	49.174	2.492	0.0	43.44	2.266	0.0	42.809	2.102
36	12978	12979	NS	1	0.0	52.465	2.612	0.0	51.118	2.563	0.0	42.949	2.266	0.0	44.47	2.408	0.0	52.846	2.643	0.0	48.582	2.502	0.0	42.494	2.216	0.0	42.879	2.081
37	12978	12979	SN	1	0.0	38.686	3.492	0.0	43.386	4.129	0.0	37.971	3.416	0.0	37.993	4.627	0.0	40.016	3.596	0.0	44.665	3.909	0.0	38.793	3.386	0.0	36.295	4.195
38	12978	12979	NS	1	0.0	47.092	0.677	0.0	44.547	0.725	0.0	37.829	0.589	0.0	40.896	0.687	0.0	48.218	0.677	0.0	44.639	0.661	0.0	39.342	0.553	0.0	40.07	0.543
39	12978	12979	SN	1	0.0	38.483	3.399	0.0	43.386	4.003	0.0	37.971	3.316	0.0	37.993	4.499	0.0	39.814	3.5	0.0	44.665	3.79	0.0	38.793	3.295	0.0	36.295	4.066
40	12978	12979	SN	1	0.0	38.483	3.399	0.0	43.386	4.003	0.0	37.971	3.316	0.0	37.993	4.499	0.0	39.814	3.5	0.0	44.665	3.79	0.0	38.793	3.295	0.0	36.295	4.066
41	12979	12980	SN	1	0.0	48.454	1.201	0.0	40.615	1.682	0.0	36.539	1.403	0.0	41.523	2.163	0.0	49.516	1.168	0.0	41.256	1.448	0.0	37.539	1.318	0.0	40.876	1.811
42	12979	12980	NS	1	0.0	47.146	4.544	0.0	49.96	5.062	0.0	44.179	3.698	0.0	48.211	4.481	0.0	48.092	4.554	0.0	51.833	4.584	0.0	45.582	3.591	0.0	47.121	3.925
43	12979	12980	NS	1	0.0	49.114	1.157	0.0	45.658	1.316	0.0	45.892	1.135	0.0	46.73	1.408	0.0	48.836	1.198	0.0	44.22	1.162	0.0	44.639	1.053	0.0	46.82	1.206
44	12979	12980	SN	1	0.0	51.51	1.081	0.0	40.872	1.612	0.0	39.201	1.315	0.0	44.462	2.039	0.0	51.577	1.102	0.0	41.246	1.399	0.0	37.174	1.196	0.0	43.658	1.684
45	12979	12980	SN	1	0.0	48.454	1.154	0.0	40.615	1.61	0.0	36.539	1.328	0.0	41.523	2.08	0.0	49.516	1.12	0.0	41.256	1.386	0.0	37.539	1.253	0.0	40.876	1.727
46	12979	12980	SN	1	0.0	44.568	4.403	0.0	46.876	5.794	0.0	40.443	4.355	0.0	43.471	5.915	0.0	43.925	4.307	0.0	47.703	5.053	0.0	39.586	4.096	0.0	40.68	5.098
47	12979	12980	SN	1	0.0	44.568	4.212	0.0	46.876	5.555	0.0	40.443	4.152	0.0	43.471	5.679	0.0	43.925	4.121	0.0	47.703	4.835	0.0	39.586	3.918	0.0	40.68	4.884
48	12979	12980	NS	1	0.0	49.28	1.155	0.0	45.658	1.332	0.0	43.718	1.133	0.0	46.845	1.415	0.0	49.003	1.193	0.0	44.22	1.153	0.0	42.233	1.057	0.0	46.935	1.216
49	12979	12980	SN	1	0.0	44.568	4.212	0.0	49.001	5.585	0.0	40.083	4.223	0.0	41.978	5.672	0.0	43.927	4.111	0.0	47.794	4.825	0.0	38.832	3.989	0.0	40.681	4.82
50	12979	12980	NS	1	0.0	47.049	4.575	0.0	49.946	5.062	0.0	44.179	3.698	0.0	48.744	4.396	0.0	47.993	4.575	0.0	51.836	4.574	0.0	45.582	3.62	0.0	47.652	3.954
51	12980	12981	NS	1	0.0	49.796	5.864	0.0	53.868	7.282	0.0	47.674	5.491	0.0	47.589	7.088	0.0	48.713	6.007	0.0	51.708	7.018	0.0	47.035	5.456	0.0	46.616	6.789
52	12980	12981	NS	1	0.0	39.94	1.543	0.0	53.879	2.008	0.0	43.987	1.554	0.0	45.451	2.296	0.0	39.612	1.536	0.0	53.633	1.977	0.0	42.084	1.588	0.0	48.946	2.149
53	12980	12981	NS	1	0.0	44.034	1.529	0.0	53.192	1.999	0.0	43.212	1.56	0.0	45.273	2.287	0.0	43.99	1.534	0.0	52.946	1.992	0.0	41.309	1.578	0.0	48.702	2.14
54	12980	12981	SN	1	0.0	54.23	4.594	0.0	49.018	5.72	0.0	42.637	3.883	0.0	43.779	5.497	0.0	56.044	4.54	0.0	47.631	5.122	0.0	42.871	3.656	0.0	44.044	4.681
55	12980	12981	SN	1	0.0	54.23	4.306	0.0	49.018	5.387	0.0	41.303	3.64	0.0	43.779	5.215	0.0	56.044	4.256	0.0	47.631	4.817	0.0	42.871	3.442	0.0	41.918	4.437
56	12980	12981	SN	1	0.0	54.23	4.316	0.0	49.018	5.397	0.0	44.878	3.69	0.0	43.779	5.215	0.0	56.044	4.266	0.0	48.551	4.837	0.0	44.207	3.477	0.0	42.424	4.466
57	12980	12981	SN	1	0.0	51.644	1.188	0.0	48.888	1.586	0.0	38.414	1.016	0.0	42.436	1.61	0.0	51.247	1.168	0.0	49.33	1.424	0.0	36.544	0.943	0.0	40.654	1.25
58	12980	12981	SN	1	0.0	51.644	1.197	0.0	49.462	1.574	0.0	38.366	1.037	0.0	42.3	1.614	0.0	51.247	1.184	0.0	49.902	1.42	0.0	36.865	0.957	0.0	39.008	1.252
59	12980	12981	SN	1	0.0	51.644	1.276	0.0	49.462	1.674	0.0	38.366	1.106	0.0	42.3	1.718	0.0	51.247	1.262	0.0	49.902	1.509	0.0	36.865	1.018	0.0	39.008	1.327
60	12980	12981	NS	1	0.0	48.987	5.875	0.0	53.868	7.272	0.0	47.696	5.477	0.0	47.352	7.039	0.0	48.687	6.007	0.0	51.71	7.069	0.0	47.058	5.427	0.0	45.975	6.839
61	12981	12982	SN	1	0.0	55.786	9.245	0.0	55.984	10.122	0.0	51.958	6.747	0.0	51.125	8.225	0.0	54.266	9.429	0.0	57.319	9.837	0.0	51.593	6.678	0.0	51.083	7.665
62	12981	12982	SN	1	0.0	54.137	2.699	0.0	55.776	3.056	0.0	41.853	1.833	0.0	47.122	2.499	0.0	55.882	2.66	0.0	55.766	2.949	0.0	42.401	1.762	0.0	46.543	2.239
63	12981	12982	NS	1	0.0	52.047	0.733	0.0	46.046	1.092	0.0	46.374	0.949	0.0	43.772	1.541	0.0	52.54	0.749	0.0	46.603	0.96	0.0	44.966	0.883	0.0	41.547	1.207
64	12981	12982	SN	1	0.0	55.786	8.699	0.0	55.984	9.612	0.0	51.958	6.374	0.0	51.125	7.867	0.0	54.266	8.851	0.0	57.319	9.306	0.0	51.593	6.304	0.0	51.083	7.317
65	12981	12982	SN	1	0.0	54.137	2.545	0.0	55.776	2.896	0.0	41.853	1.737	0.0	47.122	2.378	0.0	55.882	2.509	0.0	55.766	2.782	0.0	42.401	1.671	0.0	46.543	2.127
66	12981	12982	NS	1	0.0	46.91	3.403	0.0	46.012	4.312	0.0	43.175	3.565	0.0	50.547	4.701	0.0	46.123	3.362	0.0	47.116	3.936	0.0	40.981	3.48	0.0	47.139	4.06
67	12982	12983	SN	1	0.0	42.761	1.17	0.0	41.535	1.801	0.0	37.176	1.226	0.0	40.562	1.871	0.0	41.833	1.118	0.0	40.932	1.649	0.0	35.295	1.171	0.0	37.816	1.602

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Deviations
Alarming
High Errors

68	12982	12983	NS	1	0.0	52.451	4.503	0.0	47.994	5.828	0.0	47.106	4.056	0.0	44.979	5.371	0.0	52.826	4.585	0.0	49.237	5.492	0.0	47.317	4.12	0.0	45.247	4.609
69	12982	12983	NS	1	0.0	51.408	4.252	0.0	52.303	5.416	0.0	46.217	4.001	0.0	48.256	5.541	0.0	52.049	4.354	0.0	51.169	5.264	0.0	47.403	3.958	0.0	47.267	4.836
70	12982	12983	SN	1	0.0	47.731	4.108	0.0	50.988	5.813	0.0	47.549	4.199	0.0	51.657	5.593	0.0	47.131	4.119	0.0	50.134	5.412	0.0	47.297	3.951	0.0	50.58	4.96
71	12982	12983	SN	1	0.0	47.731	4.108	0.0	50.988	5.741	0.0	48.305	4.206	0.0	51.657	5.607	0.0	47.132	4.098	0.0	50.134	5.392	0.0	47.579	3.958	0.0	50.582	4.96
72	12982	12983	NS	1	0.0	53.902	1.205	0.0	46.261	1.764	0.0	39.979	1.219	0.0	46.781	1.904	0.0	55.096	1.219	0.0	45.056	1.612	0.0	41.676	1.142	0.0	48.548	1.674
73	12982	12983	NS	1	0.0	54.892	1.19	0.0	51.97	1.777	0.0	39.589	1.176	0.0	45.227	1.939	0.0	56.465	1.181	0.0	50.676	1.67	0.0	38.573	1.098	0.0	46.119	1.647
74	12982	12983	SN	1	0.0	43.494	1.168	0.0	41.534	1.794	0.0	37.182	1.237	0.0	40.146	1.862	0.0	43.723	1.116	0.0	40.934	1.636	0.0	35.303	1.166	0.0	37.796	1.594
75	12983	12984	NS	1	0.0	56.608	6.148	0.0	48.014	7.312	0.0	43.353	5.647	0.0	47.233	7.107	0.0	57.086	6.188	0.0	49.635	7.424	0.0	44.544	5.854	0.0	47.412	6.835
76	12983	12984	SN	1	0.0	43.115	1.319	0.0	45.621	1.465	0.0	46.33	1.162	0.0	38.263	1.715	0.0	42.277	1.321	0.0	43.804	1.412	0.0	48.192	1.252	0.0	39.259	1.548
77	12983	12984	NS	1	0.0	42.366	1.564	0.0	43.921	2.221	0.0	38.359	1.893	0.0	45.118	2.355	0.0	43.167	1.594	0.0	43.414	2.237	0.0	40.969	1.897	0.0	49.42	2.28
78	12983	12984	NS	1	0.0	56.608	6.148	0.0	48.014	7.312	0.0	43.353	5.647	0.0	47.233	7.107	0.0	57.086	6.188	0.0	49.635	7.424	0.0	44.544	5.854	0.0	47.412	6.835
79	12983	12984	SN	1	0.0	50.709	4.774	0.0	45.831	4.89	0.0	49.728	3.939	0.0	42.425	5.372	0.0	49.537	4.785	0.0	45.307	4.818	0.0	49.977	4.003	0.0	40.389	5.099
80	12983	12984	NS	1	0.0	42.366	1.564	0.0	43.921	2.221	0.0	38.359	1.893	0.0	45.118	2.355	0.0	43.167	1.594	0.0	43.414	2.237	0.0	40.969	1.897	0.0	49.42	2.28
81	12984	12985	NS	1	0.0	43.59	0.65	0.0	39.52	0.99	0.0	39.845	0.936	0.0	39.614	1.206	0.0	43.351	0.628	0.0	42.332	0.841	0.0	41.837	0.85	0.0	36.237	0.958
82	12984	12985	NS	1	0.0	45.358	2.056	0.0	44.153	2.86	0.0	45.924	2.85	0.0	44.359	3.615	0.0	46.987	2.005	0.0	46.695	2.51	0.0	48.493	2.693	0.0	41.77	3.162
83	12984	12985	NS	1	0.0	45.389	2.066	0.0	42.422	2.87	0.0	43.766	2.85	0.0	42.538	3.745	0.0	47.021	2.005	0.0	44.971	2.52	0.0	46.325	2.672	0.0	39.947	3.205
84	12984	12985	SN	1	0.0	42.19	1.712	0.0	45.981	2.416	0.0	45.765	1.826	0.0	41.463	2.215	0.0	42.303	1.83	0.0	48.448	2.443	0.0	42.924	1.77	0.0	43.049	2.094
85	12984	12985	NS	1	0.0	45.358	2.056	0.0	44.153	2.86	0.0	45.924	2.857	0.0	44.359	3.615	0.0	46.987	2.005	0.0	46.695	2.51	0.0	48.493	2.7	0.0	41.77	3.162
86	12984	12985	SN	1	0.0	42.19	1.703	0.0	45.98	2.409	0.0	48.079	1.826	0.0	41.464	2.206	0.0	42.303	1.821	0.0	48.446	2.443	0.0	49.341	1.77	0.0	43.049	2.087
87	12984	12985	NS	1	0.0	43.737	0.673	0.0	40.861	0.997	0.0	36.904	0.948	0.0	40.143	1.185	0.0	43.5	0.644	0.0	42.733	0.838	0.0	37.596	0.884	0.0	36.614	0.922
88	12984	12985	SN	1	0.0	52.9	6.157	0.0	55.14	6.964	0.0	44.939	6.363	0.0	47.149	7.142	0.0	52.863	6.391	0.0	55.065	7.137	0.0	43.539	6.2	0.0	48.797	6.695
89	12984	12985	SN	1	0.0	52.9	6.127	0.0	55.14	6.975	0.0	44.939	6.356	0.0	47.149	7.157	0.0	52.863	6.36	0.0	55.065	7.188	0.0	43.539	6.2	0.0	48.797	6.695
90	12984	12985	NS	1	0.0	43.737	0.673	0.0	40.861	0.997	0.0	36.904	0.943	0.0	40.143	1.185	0.0	43.5	0.644	0.0	42.733	0.838	0.0	37.596	0.877	0.0	36.614	0.922
91	12985	12986	SN	1	0.0	47.728	0.844	0.0	43.848	1.142	0.0	46.122	0.869	0.0	43.84	1.254	0.0	48.663	0.835	0.0	42.956	1.079	0.0	43.772	0.848	0.0	45.118	1.095
92	12985	12986	NS	1	0.0	44.159	2.841	0.0	40.603	3.699	0.0	37.847	2.91	0.0	45.032	4.202	0.0	45.467	2.8	0.0	41.99	3.427	0.0	35.915	2.86	0.0	45.966	3.776
93	12985	12986	NS	1	0.0	43.276	2.766	0.0	42.798	3.673	0.0	38.435	2.978	0.0	45.03	4.209	0.0	44.497	2.766	0.0	44.184	3.436	0.0	35.897	2.857	0.0	45.966	3.754
94	12985	12986	NS	1	0.0	37.524	0.863	0.0	39.21	1.282	0.0	41.701	0.969	0.0	36.082	1.311	0.0	38.335	0.854	0.0	39.486	1.128	0.0	38.562	0.917	0.0	34.779	1.108
95	12985	12986	SN	1	0.0	48.778	3.117	0.0	50.228	4.329	0.0	45.499	3.6	0.0	46.43	4.344	0.0	48.644	3.188	0.0	49.999	3.954	0.0	45.092	3.395	0.0	46.163	3.819
96	12985	12986	NS	1	0.0	37.524	0.847	0.0	39.21	1.255	0.0	41.701	0.966	0.0	36.082	1.291	0.0	38.335	0.84	0.0	39.219	1.106	0.0	38.562	0.907	0.0	34.779	1.089
97	12985	12986	NS	1	0.0	40.937	0.824	0.0	41.675	1.274	0.0	42.12	0.971	0.0	37.298	1.295	0.0	41.194	0.818	0.0	38.457	1.127	0.0	38.981	0.929	0.0	34.606	1.08
98	12985	12986	NS	1	0.0	44.159	2.857	0.0	40.603	3.642	0.0	37.126	2.921	0.0	45.032	4.151	0.0	45.467	2.786	0.0	41.99	3.374	0.0	35.193	2.871	0.0	45.966	3.732
99	12985	12986	SN	1	0.0	41.06	0.849	0.0	46.06	1.158	0.0	41.443	0.874	0.0	42.128	1.263	0.0	42.484	0.842	0.0	44.393	1.074	0.0	39.092	0.841	0.0	43.406	1.07
100	12985	12986	SN	1	0.0	49.651	3.097	0.0	50.226	4.319	0.0	42.544	3.6	0.0	48.721	4.387	0.0	49.516	3.198	0.0	52.664	4.005	0.0	41.134	3.43	0.0	48.129	3.904
101	12986	12987	NS	1	0.0	39.957	1.109	0.0	41.685	1.414	0.0	36.215	1.464	0.0	43.019	1.905	0.0	41.021	1.138	0.0	40.429	1.338	0.0	35.709	1.46	0.0	43.026	1.709
102	12986	12987	NS	1	0.0	39.957	1.05	0.0	41.685	1.354	0.0	36.215	1.412	0.0	43.019	1.811	0.0	41.021	1.084	0.0	40.696	1.278	0.0	35.709	1.403	0.0	43.026	1.626
103	12986	12987	SN	1	0.0	45.536	3.213	0.0	55.157	4.241	0.0	45.528	4.035	0.0	47.364	4.514	0.0	47.668	3.304	0.0	58.413	4.088	0.0	45.06	3.851	0.0	45.804	4.167

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Deviations
Alarming
High Errors

104	12986	12987	SN	1	0.0	45.595	3.335	0.0	56.64	4.22	0.0	44.577	3.999	0.0	44.331	4.458	0.0	46.419	3.314	0.0	59.968	4.088	0.0	45.912	3.879	0.0	42.791	4.167
105	12986	12987	NS	1	0.0	47.301	3.748	0.0	49.011	4.617	0.0	38.313	4.416	0.0	46.226	5.364	0.0	47.619	3.769	0.0	48.626	4.341	0.0	38.47	4.201	0.0	43.715	5.185
106	12986	12987	NS	1	0.0	49.772	3.627	0.0	50.008	4.557	0.0	41.084	4.469	0.0	39.815	5.284	0.0	49.521	3.627	0.0	49.637	4.157	0.0	42.513	4.291	0.0	37.3	5.076
107	12986	12987	SN	1	0.0	52.183	1.008	0.0	40.647	1.364	0.0	45.841	1.194	0.0	41.192	1.561	0.0	51.792	1.005	0.0	45.649	1.296	0.0	46.628	1.125	0.0	41.102	1.391
108	12986	12987	SN	1	0.0	45.021	1.01	0.0	41.286	1.316	0.0	38.177	1.2	0.0	45.878	1.581	0.0	44.597	1.017	0.0	44.112	1.298	0.0	40.429	1.193	0.0	43.642	1.371
109	12986	12987	NS	1	0.0	49.772	3.797	0.0	50.008	4.745	0.0	41.084	4.685	0.0	39.815	5.526	0.0	49.521	3.829	0.0	49.637	4.326	0.0	42.513	4.49	0.0	37.3	5.316
110	12986	12987	NS	1	0.0	40.383	1.096	0.0	41.685	1.396	0.0	37.006	1.371	0.0	47.397	1.855	0.0	40.23	1.078	0.0	41.062	1.32	0.0	36.253	1.36	0.0	47.406	1.7
111	12987	12988	NS	1	0.0	52.217	3.62	0.0	49.826	4.769	0.0	47.187	3.858	0.0	50.542	4.826	0.0	52.824	3.518	0.0	49.901	4.408	0.0	46.775	3.686	0.0	49.388	3.988
112	12987	12988	NS	1	0.0	52.217	3.936	0.0	49.826	5.228	0.0	47.187	4.181	0.0	50.542	5.302	0.0	52.824	3.836	0.0	49.901	4.821	0.0	46.775	3.993	0.0	49.388	4.357
113	12987	12988	NS	1	0.0	44.744	1.241	0.0	47.702	1.772	0.0	38.643	1.099	0.0	41.248	1.779	0.0	44.086	1.238	0.0	49.31	1.583	0.0	35.596	1.031	0.0	37.911	1.409
114	12987	12988	SN	1	0.0	43.632	2.672	0.0	44.134	3.474	0.0	44.985	2.968	0.0	46.195	3.959	0.0	43.236	2.631	0.0	45.791	3.099	0.0	42.071	2.529	0.0	41.236	3.044
115	12987	12988	NS	1	0.0	44.744	1.142	0.0	47.702	1.617	0.0	38.643	1.017	0.0	41.248	1.619	0.0	44.086	1.144	0.0	49.31	1.454	0.0	35.596	0.94	0.0	37.911	1.279
116	12987	12988	SN	1	0.0	43.036	0.794	0.0	43.469	1.114	0.0	40.879	0.986	0.0	40.174	1.413	0.0	43.236	0.72	0.0	41.272	0.922	0.0	39.348	0.798	0.0	39.822	1.007
117	12987	12988	SN	1	0.0	43.036	0.794	0.0	43.469	1.114	0.0	40.879	0.986	0.0	40.174	1.413	0.0	43.236	0.72	0.0	41.272	0.922	0.0	39.348	0.798	0.0	39.822	1.007
118	12987	12988	NS	1	0.0	52.217	3.6	0.0	49.826	4.745	0.0	47.187	3.877	0.0	50.542	4.807	0.0	52.824	3.488	0.0	49.901	4.385	0.0	46.775	3.678	0.0	49.388	3.973
119	12987	12988	NS	1	0.0	44.744	1.135	0.0	47.702	1.606	0.0	38.643	1.018	0.0	41.248	1.61	0.0	44.086	1.137	0.0	49.31	1.444	0.0	35.596	0.943	0.0	37.911	1.274
120	12987	12988	SN	1	0.0	43.632	2.672	0.0	44.134	3.474	0.0	44.985	2.968	0.0	46.195	3.959	0.0	43.236	2.631	0.0	45.791	3.099	0.0	42.071	2.529	0.0	41.236	3.044
121	12988	12989	SN	1	0.0	44.317	0.488	0.0	49.351	0.652	0.0	39.254	0.696	0.0	45.609	1.061	0.0	42.684	0.441	0.0	46.742	0.539	0.0	38.152	0.578	0.0	40.672	0.748
122	12988	12989	SN	1	0.0	42.578	1.523	0.0	51.746	2.076	0.0	40.047	2.25	0.0	41.362	3.211	0.0	43.031	1.48	0.0	52.085	1.759	0.0	41.751	2.044	0.0	39.877	2.322
123	12988	12989	NS	1	0.0	49.535	3.172	0.0	50.64	3.923	0.0	39.207	2.925	0.0	41.268	3.456	0.0	50.325	3.121	0.0	49.949	3.473	0.0	39.783	2.804	0.0	42.926	2.803
124	12988	12989	NS	1	0.0	49.535	3.225	0.0	50.64	3.93	0.0	43.992	2.936	0.0	41.268	3.427	0.0	50.325	3.144	0.0	49.949	3.49	0.0	42.029	2.822	0.0	42.926	2.789
125	12988	12989	NS	1	0.0	49.577	3.225	0.0	50.641	3.91	0.0	41.737	2.9	0.0	42.074	3.42	0.0	50.365	3.144	0.0	49.949	3.469	0.0	41.5	2.808	0.0	43.733	2.782
126	12988	12989	SN	1	0.0	42.335	1.445	0.0	51.746	1.954	0.0	40.047	2.124	0.0	41.362	3.008	0.0	42.44	1.375	0.0	52.085	1.66	0.0	41.751	1.933	0.0	39.877	2.164
127	12988	12989	NS	1	0.0	52.197	0.929	0.0	48.225	1.049	0.0	42.898	0.867	0.0	42.691	1.146	0.0	50.49	0.913	0.0	51.401	0.937	0.0	41.699	0.805	0.0	39.381	0.896
128	12988	12989	SN	1	0.0	36.313	0.518	0.0	49.351	0.702	0.0	39.254	0.746	0.0	45.609	1.139	0.0	37.3	0.463	0.0	46.742	0.575	0.0	38.152	0.626	0.0	40.672	0.807
129	12988	12989	NS	1	0.0	52.197	0.845	0.0	48.225	0.936	0.0	42.898	0.786	0.0	42.691	1.011	0.0	50.49	0.83	0.0	51.401	0.833	0.0	41.699	0.734	0.0	39.381	0.789
130	12988	12989	NS	1	0.0	52.197	0.835	0.0	48.225	0.936	0.0	42.898	0.789	0.0	42.691	1.005	0.0	50.49	0.824	0.0	51.401	0.836	0.0	41.699	0.73	0.0	39.381	0.795
131	12988	12989	NS	1	0.0	52.194	0.842	0.0	48.225	0.929	0.0	42.898	0.793	0.0	42.843	1.007	0.0	50.486	0.824	0.0	51.401	0.831	0.0	41.288	0.732	0.0	39.529	0.801
132	12988	12989	NS	1	0.0	49.535	3.506	0.0	50.64	4.362	0.0	39.207	3.142	0.0	41.268	3.87	0.0	50.325	3.41	0.0	49.949	3.966	0.0	39.783	3.025	0.0	42.926	3.162
133	12989	12990	SN	1	0.0	52.145	5.644	0.0	53.967	6.056	0.0	46.818	3.715	0.0	46.381	4.841	0.0	52.909	5.887	0.0	54.764	5.904	0.0	48.959	3.63	0.0	47.27	4.664
134	12989	12990	NS	1	0.0	53.31	9.543	0.0	54.08	10.893	0.0	49.47	7.403	0.0	48.206	8.922	0.0	55.095	9.512	0.0	56.48	10.547	0.0	49.257	7.539	0.0	48.466	8.658
135	12989	12990	SN	1	0.0	52.782	1.377	0.0	48.01	1.627	0.0	46.484	1.153	0.0	48.119	1.546	0.0	53.459	1.401	0.0	48.48	1.572	0.0	44.882	1.138	0.0	43.749	1.498
136	12989	12990	SN	1	0.0	52.782	1.407	0.0	48.01	1.662	0.0	46.484	1.182	0.0	46.395	1.577	0.0	53.459	1.435	0.0	48.48	1.604	0.0	44.882	1.169	0.0	42.943	1.529
137	12989	12990	NS	1	0.0	49.085	2.573	0.0	49.369	3.276	0.0	46.733	1.894	0.0	46.012	2.633	0.0	49.872	2.586	0.0	50.171	3.172	0.0	45.958	1.9	0.0	43.411	2.473
138	12989	12990	NS	1	0.0	47.098	2.616	0.0	48.237	3.281	0.0	52.887	1.912	0.0	41.333	2.638	0.0	49.069	2.597	0.0	50.606	3.174	0.0	51.506	1.923	0.0	41.94	2.484
139	12989	12990	SN	1	0.0	52.145	5.778	0.0	53.967	6.194	0.0	46.818	3.811	0.0	46.381	4.94	0.0	52.909	6.027	0.0	54.764	6.039	0.0	48.959	3.724	0.0	47.27	4.773

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Alarming
Deviations
High Errors

140	12989	12990	SN	1	0.0	49.199	1.37	0.0	52.171	1.622	0.0	49.71	1.174	0.0	42.672	1.553	0.0	50.287	1.401	0.0	50.92	1.557	0.0	51.325	1.151	0.0	43.235	1.496
141	12989	12990	NS	1	0.0	52.216	9.39	0.0	53.783	10.903	0.0	54.044	7.51	0.0	46.17	8.9	0.0	54.009	9.512	0.0	56.156	10.547	0.0	52.491	7.646	0.0	45.183	8.658
142	12989	12990	SN	1	0.0	49.284	5.634	0.0	55.256	6.026	0.0	46.28	3.751	0.0	45.437	4.841	0.0	51.627	5.826	0.0	57.766	5.914	0.0	49.177	3.666	0.0	46.335	4.678
143	12990	12991	SN	1	0.0	48.452	4.767	0.0	48.475	5.096	0.0	46.145	4.563	0.0	45.387	6.133	0.0	48.145	4.787	0.0	50.952	5.013	0.0	49.266	4.693	0.0	46.145	5.69
144	12990	12991	SN	1	0.0	53.85	4.712	0.0	48.369	5.025	0.0	45.876	4.569	0.0	47.623	5.994	0.0	53.557	4.733	0.0	50.846	4.914	0.0	49.0	4.64	0.0	46.145	5.581
145	12990	12991	NS	1	0.0	42.445	1.16	0.0	54.024	1.562	0.0	38.109	1.242	0.0	45.095	1.51	0.0	43.123	1.139	0.0	54.098	1.441	0.0	37.837	1.176	0.0	42.476	1.394
146	12990	12991	NS	1	0.0	42.051	1.153	0.0	52.903	1.555	0.0	38.259	1.24	0.0	45.095	1.512	0.0	42.727	1.144	0.0	52.977	1.437	0.0	37.987	1.181	0.0	42.476	1.389
147	12990	12991	SN	1	0.0	50.319	4.797	0.0	48.369	5.09	0.0	45.876	4.607	0.0	47.623	6.094	0.0	50.027	4.807	0.0	50.846	4.977	0.0	49.0	4.693	0.0	46.145	5.653
148	12990	12991	SN	1	0.0	43.647	1.311	0.0	50.025	1.65	0.0	37.205	1.479	0.0	44.368	1.941	0.0	42.528	1.311	0.0	47.801	1.613	0.0	38.499	1.467	0.0	44.78	1.735
149	12990	12991	NS	1	0.0	52.386	4.442	0.0	52.431	5.154	0.0	49.55	4.275	0.0	48.41	4.712	0.0	53.873	4.341	0.0	51.999	5.052	0.0	49.86	4.076	0.0	52.035	4.504
150	12990	12991	NS	1	0.0	52.609	4.432	0.0	52.202	5.194	0.0	49.55	4.261	0.0	48.444	4.697	0.0	54.096	4.32	0.0	51.771	5.062	0.0	49.857	4.09	0.0	52.067	4.526
151	12990	12991	SN	1	0.0	46.232	1.331	0.0	50.025	1.669	0.0	42.027	1.499	0.0	44.368	1.969	0.0	47.985	1.331	0.0	47.801	1.632	0.0	43.32	1.485	0.0	44.78	1.761
152	12991	12992	SN	1	0.0	37.612	0.894	0.0	38.183	1.319	0.0	40.401	1.224	0.0	44.555	1.788	0.0	37.508	0.899	0.0	38.146	1.124	0.0	36.441	1.141	0.0	38.607	1.464
153	12991	12992	SN	1	0.0	38.237	2.869	0.0	43.494	3.68	0.0	40.354	3.535	0.0	41.593	5.119	0.0	38.515	2.797	0.0	43.115	3.401	0.0	39.225	3.455	0.0	39.214	4.192
154	12991	12992	NS	1	0.0	38.468	1.592	0.0	45.909	2.253	0.0	36.515	1.533	0.0	45.618	2.231	0.0	40.371	1.606	0.0	44.401	2.296	0.0	37.093	1.589	0.0	46.073	2.231
155	12991	12992	SN	1	0.0	38.226	2.825	0.0	43.494	3.624	0.0	41.515	3.499	0.0	41.593	5.033	0.0	38.515	2.754	0.0	43.115	3.349	0.0	39.225	3.4	0.0	39.214	4.135
156	12991	12992	SN	1	0.0	37.4	2.855	0.0	43.494	3.624	0.0	40.354	3.581	0.0	41.593	5.026	0.0	38.515	2.773	0.0	43.115	3.349	0.0	39.225	3.445	0.0	39.214	4.12
157	12991	12992	SN	1	0.0	37.612	0.891	0.0	38.183	1.308	0.0	39.159	1.199	0.0	44.555	1.792	0.0	37.508	0.895	0.0	38.146	1.119	0.0	36.3	1.125	0.0	38.614	1.464
158	12991	12992	SN	1	0.0	37.612	0.901	0.0	38.183	1.33	0.0	34.52	1.198	0.0	44.555	1.822	0.0	37.508	0.905	0.0	38.146	1.137	0.0	34.175	1.122	0.0	38.614	1.498
159	12991	12992	NS	1	0.0	49.147	5.449	0.0	50.728	7.317	0.0	45.448	4.881	0.0	41.996	6.349	0.0	50.645	5.398	0.0	53.041	7.44	0.0	45.71	5.123	0.0	44.534	6.799
160	12992	12993	SN	1	0.0	44.671	4.541	0.0	42.793	5.514	0.0	45.479	4.912	0.0	44.063	6.262	0.0	44.717	4.541	0.0	45.62	5.432	0.0	46.068	4.94	0.0	46.82	6.034
161	12992	12993	SN	1	0.0	44.671	4.541	0.0	42.793	5.514	0.0	45.479	4.912	0.0	44.063	6.262	0.0	44.717	4.541	0.0	45.62	5.432	0.0	46.068	4.94	0.0	46.82	6.034
162	12992	12993	SN	1	0.0	41.048	1.272	0.0	41.91	1.937	0.0	39.472	1.505	0.0	46.04	2.176	0.0	39.957	1.281	0.0	41.693	1.867	0.0	39.083	1.486	0.0	43.461	2.09
163	12992	12993	SN	1	0.0	41.048	1.272	0.0	41.91	1.937	0.0	39.472	1.505	0.0	46.04	2.176	0.0	39.957	1.281	0.0	41.693	1.867	0.0	39.083	1.486	0.0	43.461	2.09
164	12992	12993	SN	1	0.0	41.048	1.299	0.0	41.91	1.987	0.0	39.472	1.537	0.0	46.04	2.203	0.0	39.957	1.31	0.0	41.693	1.911	0.0	39.083	1.517	0.0	43.461	2.132
165	12992	12993	NS	1	0.0	53.723	2.664	0.0	53.973	3.521	0.0	45.375	2.68	0.0	42.405	3.291	0.0	53.797	2.735	0.0	55.324	3.154	0.0	47.105	2.58	0.0	42.272	2.912
166	12992	12993	NS	1	0.0	53.723	2.705	0.0	53.973	3.511	0.0	45.375	2.694	0.0	42.425	3.291	0.0	53.797	2.786	0.0	55.324	3.134	0.0	47.105	2.594	0.0	42.361	2.905
167	12992	12993	NS	1	0.0	47.532	0.657	0.0	43.446	0.903	0.0	39.781	0.687	0.0	41.737	0.936	0.0	46.576	0.639	0.0	44.281	0.816	0.0	37.873	0.655	0.0	38.127	0.782
168	12992	12993	NS	1	0.0	47.066	0.648	0.0	43.446	0.889	0.0	35.553	0.681	0.0	41.521	0.945	0.0	46.11	0.634	0.0	44.236	0.81	0.0	34.56	0.653	0.0	38.127	0.789
169	12992	12993	SN	1	0.0	44.671	4.643	0.0	42.793	5.658	0.0	45.749	4.984	0.0	44.063	6.398	0.0	44.717	4.643	0.0	45.62	5.574	0.0	46.34	5.013	0.0	46.82	6.186
170	12993	12994	NS	1	0.0	45.909	3.115	0.0	53.798	4.168	0.0	43.542	3.04	0.0	48.435	4.133	0.0	47.996	3.258	0.0	52.917	3.841	0.0	40.647	2.726	0.0	47.011	3.549
171	12993	12994	SN	1	0.0	48.191	3.76	0.0	41.395	4.622	0.0	43.26	4.265	0.0	47.132	5.078	0.0	47.233	3.76	0.0	43.026	4.526	0.0	41.63	4.419	0.0	42.827	4.876
172	12993	12994	SN	1	0.0	50.194	1.149	0.0	44.718	1.523	0.0	35.977	1.431	0.0	43.82	1.826	0.0	50.936	1.188	0.0	43.781	1.502	0.0	35.554	1.401	0.0	45.948	1.66
173	12993	12994	NS	1	0.0	45.907	3.115	0.0	53.798	4.147	0.0	44.609	3.062	0.0	48.638	4.083	0.0	47.995	3.258	0.0	52.917	3.831	0.0	41.228	2.741	0.0	47.213	3.513
174	12993	12994	SN	1	0.0	48.191	3.605	0.0	41.395	4.497	0.0	43.26	4.152	0.0	47.132	4.922	0.0	47.233	3.626	0.0	43.026	4.384	0.0	41.63	4.294	0.0	42.827	4.728
175	12993	12994	NS	1	0.0	50.276	0.901	0.0	53.341	1.156	0.0	41.427	0.883	0.0	45.511	1.273	0.0	48.93	0.901	0.0	54.341	1.056	0.0	40.557	0.797	0.0	41.516	1.05

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Deviations
Alarming
High Errors

176	12993	12994	SN	1	0.0	50.194	1.199	0.0	44.718	1.575	0.0	35.977	1.488	0.0	43.82	1.885	0.0	50.936	1.236	0.0	43.781	1.558	0.0	35.554	1.457	0.0	45.948	1.719
177	12993	12994	NS	1	0.0	45.245	0.908	0.0	53.341	1.152	0.0	41.429	0.892	0.0	45.511	1.271	0.0	45.204	0.901	0.0	54.342	1.058	0.0	40.777	0.802	0.0	42.578	1.055
178	12994	12995	NS	1	0.0	48.54	4.543	0.0	49.603	5.697	0.0	43.567	4.724	0.0	42.693	5.879	0.0	48.867	4.593	0.0	51.765	5.3	0.0	46.453	4.653	0.0	43.032	5.21
179	12994	12995	NS	1	0.0	42.122	1.261	0.0	42.843	1.48	0.0	40.828	1.341	0.0	38.537	1.592	0.0	41.979	1.257	0.0	42.901	1.416	0.0	39.094	1.213	0.0	39.492	1.4
180	12994	12995	NS	1	0.0	42.202	1.257	0.0	46.744	1.516	0.0	40.702	1.314	0.0	40.999	1.614	0.0	42.063	1.273	0.0	48.453	1.425	0.0	38.966	1.202	0.0	41.089	1.407
181	12994	12995	SN	1	0.0	47.962	1.818	0.0	47.389	2.497	0.0	42.394	1.67	0.0	44.447	2.338	0.0	49.1	1.805	0.0	44.933	2.384	0.0	41.392	1.622	0.0	42.837	2.182
182	12994	12995	SN	1	0.0	55.91	6.78	0.0	56.826	8.277	0.0	47.433	5.745	0.0	49.054	7.417	0.0	56.336	6.872	0.0	58.782	7.759	0.0	47.936	5.525	0.0	48.5	6.962
183	12994	12995	SN	1	0.0	55.91	6.78	0.0	56.826	8.277	0.0	47.433	5.745	0.0	49.054	7.417	0.0	56.336	6.872	0.0	58.782	7.759	0.0	47.936	5.525	0.0	48.5	6.962
184	12994	12995	SN	1	0.0	47.962	1.818	0.0	47.389	2.497	0.0	42.394	1.668	0.0	44.447	2.338	0.0	49.1	1.805	0.0	44.933	2.384	0.0	41.392	1.62	0.0	42.837	2.182
185	12994	12995	NS	1	0.0	48.455	4.512	0.0	50.542	5.697	0.0	46.456	4.632	0.0	42.604	5.872	0.0	48.783	4.593	0.0	51.736	5.351	0.0	48.221	4.567	0.0	42.937	5.181
186	12995	12996	NS	1	0.0	45.257	0.958	0.0	42.869	1.357	0.0	35.77	0.885	0.0	45.664	1.468	0.0	44.589	0.937	0.0	42.773	1.171	0.0	35.313	0.82	0.0	45.314	1.105
187	12995	12996	NS	1	0.0	41.06	2.136	0.0	47.389	3.662	0.0	45.324	4.367	0.0	48.806	6.671	0.0	40.021	1.982	0.0	48.77	2.927	0.0	46.715	3.451	0.0	45.264	4.569
188	12995	12996	SN	1	0.0	51.888	6.587	0.0	50.401	6.833	0.0	43.941	5.244	0.0	47.329	6.458	0.0	52.21	6.522	0.0	50.995	6.611	0.0	42.288	5.045	0.0	47.76	5.954
189	12995	12996	NS	1	0.0	50.838	3.399	0.0	48.17	4.848	0.0	39.821	3.149	0.0	46.04	4.703	0.0	49.142	3.369	0.0	48.663	4.25	0.0	40.738	3.084	0.0	43.026	3.879
190	12995	12996	SN	1	0.0	51.888	6.126	0.0	50.401	6.442	0.0	43.941	4.86	0.0	47.329	6.117	0.0	52.21	6.045	0.0	50.444	6.197	0.0	42.288	4.654	0.0	47.76	5.602
191	12995	12996	SN	1	0.0	51.888	6.126	0.0	50.401	6.452	0.0	43.941	4.86	0.0	47.329	6.11	0.0	52.21	6.045	0.0	50.444	6.197	0.0	42.288	4.661	0.0	47.76	5.609
192	12995	12996	NS	1	0.0	41.767	0.649	0.0	48.701	1.176	0.0	44.574	1.68	0.0	41.619	2.599	0.0	39.74	0.617	0.0	47.082	0.953	0.0	43.542	1.219	0.0	40.691	1.602
193	12995	12996	SN	1	0.0	51.591	1.503	0.0	50.141	2.034	0.0	43.715	1.369	0.0	41.472	2.028	0.0	54.528	1.483	0.0	48.715	1.945	0.0	40.877	1.333	0.0	39.931	1.811
194	12995	12996	SN	1	0.0	45.658	1.4	0.0	50.141	1.899	0.0	43.715	1.271	0.0	41.472	1.917	0.0	46.032	1.382	0.0	48.715	1.815	0.0	40.877	1.244	0.0	39.931	1.709
195	12995	12996	SN	1	0.0	45.658	1.398	0.0	50.141	1.899	0.0	43.715	1.271	0.0	41.472	1.917	0.0	46.032	1.38	0.0	48.715	1.815	0.0	40.877	1.244	0.0	39.931	1.709
196	12996	12997	SN	1	0.0	56.546	6.76	0.0	57.555	7.138	0.0	50.165	5.726	0.0	48.399	6.695	0.0	57.478	6.82	0.0	56.696	6.783	0.0	51.255	5.619	0.0	48.576	6.652
197	12996	12997	NS	1	0.0	42.72	0.485	0.0	42.758	0.788	0.0	37.131	0.77	0.0	45.046	1.2	0.0	43.573	0.482	0.0	41.287	0.72	0.0	36.641	0.678	0.0	44.013	1.046
198	12996	12997	SN	1	0.0	52.531	1.965	0.0	52.341	2.151	0.0	49.238	1.668	0.0	43.478	2.021	0.0	53.365	2.019	0.0	49.815	2.092	0.0	48.809	1.659	0.0	43.091	2.133
199	12996	12997	NS	1	0.0	42.68	2.277	0.0	48.713	2.947	0.0	41.911	2.771	0.0	44.761	3.612	0.0	41.968	2.338	0.0	46.836	2.723	0.0	41.157	2.593	0.0	44.777	3.27
200	12996	12997	NS	1	0.0	51.885	2.287	0.0	49.374	2.957	0.0	42.16	2.771	0.0	44.968	3.676	0.0	50.736	2.338	0.0	47.496	2.723	0.0	41.408	2.586	0.0	44.804	3.356
201	12996	12997	SN	1	0.0	48.345	1.963	0.0	46.566	2.167	0.0	48.662	1.629	0.0	43.461	2.03	0.0	48.501	2.028	0.0	50.194	2.121	0.0	48.234	1.632	0.0	41.641	2.119
202	12996	12997	SN	1	0.0	56.546	7.349	0.0	57.555	7.74	0.0	50.165	6.203	0.0	48.399	7.236	0.0	57.478	7.406	0.0	56.696	7.356	0.0	51.255	6.116	0.0	48.576	7.291
203	12996	12997	SN	1	0.0	52.946	6.709	0.0	54.4	7.209	0.0	48.551	5.612	0.0	52.38	6.645	0.0	53.879	6.8	0.0	54.572	6.803	0.0	48.318	5.711	0.0	50.708	6.652
204	12996	12997	NS	1	0.0	42.714	0.487	0.0	42.753	0.779	0.0	39.165	0.77	0.0	41.826	1.209	0.0	43.568	0.482	0.0	41.283	0.718	0.0	36.706	0.667	0.0	40.799	1.038
205	12996	12997	SN	1	0.0	48.345	2.149	0.0	46.566	2.377	0.0	48.662	1.783	0.0	43.461	2.201	0.0	48.501	2.225	0.0	50.194	2.324	0.0	48.234	1.791	0.0	41.641	2.313
206	12997	12998	NS	1	0.0	41.543	1.626	0.0	50.825	2.026	0.0	43.834	1.736	0.0	41.727	2.087	0.0	42.5	1.64	0.0	54.569	1.91	0.0	42.175	1.731	0.0	41.35	1.892
207	12997	12998	NS	1	0.0	48.853	5.519	0.0	52.536	7.13	0.0	48.104	5.571	0.0	44.665	6.337	0.0	49.037	5.672	0.0	54.883	6.68	0.0	47.005	5.493	0.0	45.573	6.208
208	12997	12998	SN	1	0.0	39.702	1.262	0.0	46.922	1.608	0.0	41.624	1.362	0.0	42.558	1.65	0.0	39.424	1.267	0.0	48.652	1.504	0.0	42.673	1.415	0.0	41.474	1.601
209	12997	12998	SN	1	0.0	39.702	1.262	0.0	46.922	1.61	0.0	41.624	1.364	0.0	42.558	1.65	0.0	39.424	1.267	0.0	48.652	1.506	0.0	42.673	1.415	0.0	41.474	1.6
210	12997	12998	SN	1	0.0	45.695	4.699	0.067	46.82	5.754	0.0	47.278	4.207	0.0	43.754	4.759	0.0	46.959	4.811	0.222	44.689	5.438	0.0	46.382	4.178	0.0	41.893	4.616
211	12997	12998	SN	1	0.0	45.695	4.699	0.067	46.82	5.754	0.0	47.278	4.2	0.0	43.754	4.752	0.0	46.959	4.811	0.222	44.689	5.448	0.0	46.382	4.164	0.0	41.893	4.623

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Alarming
Deviations
High Errors

212	12998	12999	NS	1	0.0	43.13	0.863	0.0	53.277	1.404	0.0	40.408	0.903	0.0	41.846	1.432	0.0	44.718	0.863	0.0	53.93	1.321	0.0	40.997	0.926	0.0	41.927	1.254
213	12998	12999	NS	1	0.0	43.13	0.863	0.0	53.277	1.404	0.0	40.408	0.903	0.0	41.846	1.432	0.0	44.718	0.863	0.0	53.93	1.321	0.0	40.997	0.926	0.0	41.927	1.254
214	12998	12999	SN	1	0.0	42.966	1.928	0.0	45.086	2.472	0.0	42.247	1.849	0.0	44.699	2.426	0.0	42.994	1.919	0.0	48.461	2.281	0.0	43.927	1.789	0.0	46.375	2.241
215	12998	12999	SN	1	0.0	47.606	7.253	0.0	49.64	7.992	0.0	44.551	5.995	0.0	47.904	7.353	0.0	48.372	7.273	0.0	49.347	7.545	0.0	46.6	6.094	0.0	47.068	6.714
216	12998	12999	NS	1	0.0	50.479	3.242	0.0	49.769	4.321	0.0	44.261	2.985	0.0	46.296	4.304	0.0	48.495	3.292	0.0	50.655	4.128	0.0	44.841	2.949	0.0	45.356	3.947
217	12998	12999	NS	1	0.0	50.479	3.242	0.0	49.769	4.321	0.0	44.261	2.985	0.0	46.296	4.304	0.0	48.495	3.292	0.0	50.655	4.128	0.0	44.841	2.949	0.0	45.356	3.947
218	12999	13000	SN	1	0.0	54.611	3.397	0.0	54.476	4.732	0.0	45.896	3.314	0.0	48.905	4.271	0.0	54.083	3.437	0.0	53.447	4.326	0.0	46.074	3.066	0.0	47.448	3.661
219	12999	13000	NS	1	0.0	47.018	3.437	0.0	47.829	4.6	0.0	40.607	3.237	0.0	41.388	4.227	0.0	48.466	3.427	0.0	48.265	4.485	0.0	40.164	3.099	0.0	41.646	3.773
220	12999	13000	SN	1	0.0	48.22	0.902	0.0	60.769	1.444	0.0	44.959	0.879	0.0	42.674	1.27	0.0	49.187	0.933	0.0	59.261	1.333	0.0	46.362	0.831	0.0	42.217	1.066
221	12999	13000	NS	1	0.0	47.018	3.418	0.0	47.829	4.551	0.0	40.607	3.249	0.0	41.388	4.179	0.0	48.466	3.418	0.0	48.265	4.427	0.0	40.164	3.092	0.0	40.343	3.731
222	12999	13000	NS	1	0.0	45.624	1.103	0.0	45.118	1.471	0.0	36.956	1.019	0.0	45.607	1.427	0.0	45.535	1.121	0.0	45.857	1.395	0.0	36.957	1.006	0.0	41.727	1.272
223	12999	13000	NS	1	0.0	45.624	1.119	0.0	45.118	1.492	0.0	36.956	1.023	0.0	45.607	1.446	0.0	45.535	1.137	0.0	45.857	1.416	0.0	36.957	1.017	0.0	41.727	1.29
224	13000	13001	SN	1	0.0	45.548	0.612	0.0	40.227	0.988	0.0	41.709	0.754	0.0	46.829	1.126	0.0	45.521	0.605	0.0	41.479	0.897	0.0	40.078	0.689	0.0	44.681	0.944
225	13000	13001	NS	1	0.0	42.502	1.128	0.0	42.344	1.677	0.0	35.613	1.154	0.0	40.347	1.899	0.0	41.786	1.112	0.0	41.903	1.553	0.0	34.222	1.187	0.0	37.871	1.698
226	13000	13001	NS	1	0.0	42.502	1.085	0.0	42.344	1.626	0.0	35.613	1.136	0.0	40.347	1.859	0.0	41.786	1.073	0.0	41.903	1.516	0.0	34.041	1.165	0.0	37.871	1.651
227	13000	13001	NS	1	0.0	44.786	1.073	0.0	44.003	1.653	0.0	35.303	1.183	0.0	40.347	1.819	0.0	45.506	1.069	0.0	42.053	1.544	0.0	35.174	1.183	0.0	37.871	1.64
228	13000	13001	NS	1	0.0	46.337	3.537	0.0	44.987	5.179	0.0	39.332	4.068	0.0	43.765	5.349	0.0	47.03	3.567	0.0	42.628	4.861	0.0	40.3	4.011	0.0	44.633	5.069
229	13000	13001	NS	1	0.0	42.077	3.638	0.0	43.932	5.107	0.0	39.476	4.082	0.0	44.902	5.406	0.0	42.257	3.628	0.0	42.628	4.8	0.0	40.4	4.047	0.0	43.631	5.105
230	13000	13001	NS	1	0.0	42.553	3.689	0.0	43.932	5.269	0.0	39.476	4.13	0.0	44.902	5.586	0.0	42.689	3.678	0.0	42.628	4.973	0.0	40.4	4.123	0.0	43.631	5.276
231	13000	13001	SN	1	0.0	45.223	2.551	0.0	47.521	3.617	0.0	38.958	2.508	0.0	43.096	3.506	0.0	45.113	2.551	0.0	50.241	3.394	0.0	40.377	2.401	0.0	46.768	2.697
232	13000	13001	SN	1	0.0	45.223	2.551	0.0	47.521	3.617	0.0	38.958	2.508	0.0	43.096	3.506	0.0	45.113	2.551	0.0	50.241	3.394	0.0	40.377	2.401	0.0	46.768	2.697
233	13000	13001	SN	1	0.0	45.548	0.612	0.0	40.227	0.988	0.0	41.709	0.754	0.0	46.829	1.126	0.0	45.521	0.605	0.0	41.479	0.897	0.0	40.078	0.689	0.0	44.681	0.944
234	13001	13002	SN	1	0.0	47.89	4.174	0.0	46.224	4.815	0.0	41.322	3.986	0.0	41.266	5.136	0.0	48.77	4.234	0.0	48.611	4.551	0.0	40.871	3.851	0.0	42.777	4.451
235	13001	13002	NS	1	0.0	51.234	3.944	0.0	48.121	6.058	0.0	44.561	4.309	0.0	43.627	5.858	0.0	51.896	4.077	0.0	47.958	5.792	0.0	45.505	4.324	0.0	43.749	5.507
236	13001	13002	NS	1	0.0	51.234	3.944	0.0	48.121	6.058	0.0	44.561	4.309	0.0	43.627	5.858	0.0	51.896	4.077	0.0	47.958	5.792	0.0	45.505	4.324	0.0	43.749	5.507
237	13001	13002	SN	1	0.0	47.89	4.174	0.0	46.224	4.815	0.0	41.322	3.986	0.0	41.266	5.136	0.0	48.77	4.234	0.0	48.611	4.551	0.0	40.871	3.851	0.0	42.777	4.451
238	13001	13002	NS	1	0.0	49.792	1.12	0.0	41.744	1.741	0.0	51.213	1.459	0.0	40.587	1.949	0.0	50.812	1.125	0.0	40.319	1.722	0.0	51.061	1.434	0.0	39.101	1.72
239	13001	13002	NS	1	0.0	49.792	1.12	0.0	41.744	1.741	0.0	51.213	1.459	0.0	40.587	1.949	0.0	50.812	1.125	0.0	40.319	1.722	0.0	51.061	1.434	0.0	39.101	1.72
240	13001	13002	SN	1	0.0	45.718	1.136	0.0	51.571	1.469	0.0	36.367	1.306	0.0	36.367	1.756	0.0	45.508	1.075	0.0	50.681	1.351	0.0	35.441	1.228	0.0	36.648	1.519
241	13001	13002	NS	1	0.0	60.811	4.211	0.0	48.121	6.299	0.0	45.703	4.548	0.0	43.627	6.085	0.0	61.474	4.353	0.0	47.958	5.993	0.0	46.647	4.509	0.0	43.749	5.709
242	13001	13002	NS	1	0.0	53.497	1.197	0.0	41.744	1.805	0.0	54.046	1.547	0.0	40.587	1.999	0.0	53.422	1.207	0.0	40.22	1.775	0.0	52.028	1.513	0.0	39.101	1.763
243	13001	13002	SN	1	0.0	45.718	1.136	0.0	51.571	1.469	0.0	36.367	1.306	0.0	36.367	1.756	0.0	45.508	1.075	0.0	50.681	1.351	0.0	35.441	1.228	0.0	36.648	1.519
244	13002	13003	SN	1	0.0	45.227	4.25	0.0	44.557	5.259	0.0	45.27	3.293	0.0	45.366	5.121	0.0	44.34	4.392	0.0	43.555	5.292	0.0	43.608	3.276	0.0	42.162	4.504
245	13002	13003	SN	1	0.0	37.075	1.021	0.0	43.29	1.507	0.0	41.836	0.994	0.0	43.375	1.833	0.0	37.508	0.987	0.0	41.777	1.351	0.0	39.853	0.941	0.0	42.317	1.552
246	13002	13003	NS	1	0.0	43.533	1.024	0.0	44.43	1.596	0.0	43.723	0.948	0.0	40.762	1.437	0.0	43.236	1.021	0.0	45.328	1.428	0.0	41.93	0.887	0.0	40.966	1.207
247	13002	13003	SN	1	0.0	49.976	4.588	0.0	43.441	6.07	0.0	45.27	3.217	0.0	45.366	5.634	0.0	50.19	4.625	0.0	42.801	5.884	0.0	43.608	3.172	0.0	42.162	5.023

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Deviations
Alarming
High Errors

248	13002	13003	SN	1	0.0	46.758	1.232	0.0	45.559	1.728	0.0	43.251	1.081	0.0	37.645	1.912	0.0	47.035	1.214	0.0	46.53	1.602	0.0	41.269	1.06	0.0	36.549	1.635
249	13002	13003	SN	1	0.0	53.876	4.078	0.0	41.82	5.289	0.0	43.853	3.067	0.0	45.366	5.324	0.0	53.92	4.047	0.0	41.178	5.117	0.0	42.188	3.046	0.0	44.667	4.543
250	13002	13003	NS	1	0.0	43.533	0.925	0.0	44.43	1.404	0.0	43.723	0.874	0.0	40.762	1.282	0.0	43.236	0.918	0.0	45.328	1.258	0.0	41.93	0.816	0.0	40.966	1.067
251	13002	13003	NS	1	0.0	50.796	4.276	0.0	52.033	5.342	0.0	49.072	3.449	0.0	41.684	4.616	0.0	51.046	4.288	0.0	51.414	5.132	0.0	49.174	3.327	0.0	43.67	4.053
252	13002	13003	SN	1	0.0	40.22	1.089	0.0	42.864	1.528	0.0	43.251	1.104	0.0	40.401	1.756	0.0	39.525	1.062	0.0	41.35	1.37	0.0	41.269	1.031	0.0	40.405	1.478
253	13002	13003	NS	1	0.0	50.796	3.901	0.0	52.033	4.719	0.0	49.072	3.215	0.0	41.684	4.078	0.0	51.046	3.901	0.0	51.414	4.515	0.0	49.174	3.08	0.0	43.67	3.547
254	13002	13003	NS	1	0.0	50.796	3.901	0.0	52.033	4.719	0.0	49.072	3.215	0.0	41.684	4.078	0.0	51.046	3.911	0.0	51.414	4.515	0.0	49.174	3.08	0.0	43.67	3.547
255	13002	13003	NS	1	0.0	43.533	0.925	0.0	44.43	1.404	0.0	43.723	0.872	0.0	40.762	1.282	0.0	43.236	0.918	0.0	45.328	1.258	0.0	41.93	0.815	0.0	40.966	1.067
256	13003	13004	NS	1	0.0	48.212	1.727	0.0	48.26	2.493	0.0	43.93	1.7	0.0	47.584	2.36	0.0	48.767	1.773	0.0	49.385	2.375	0.0	44.063	1.693	0.0	46.344	2.139
257	13003	13004	NS	1	0.0	55.276	5.914	0.0	55.072	7.627	0.0	48.912	5.885	0.0	49.693	7.454	0.0	54.153	5.935	0.0	55.154	7.363	0.0	46.985	5.693	0.0	47.796	7.076
258	13003	13004	NS	1	0.0	55.276	5.893	0.0	55.386	7.617	0.0	48.659	5.864	0.0	49.533	7.397	0.0	54.153	5.954	0.0	55.216	7.413	0.0	46.985	5.707	0.0	47.752	7.026
259	13003	13004	NS	1	0.0	48.229	1.732	0.0	48.427	2.504	0.0	44.62	1.696	0.0	48.022	2.36	0.0	48.784	1.777	0.0	49.553	2.393	0.0	44.199	1.703	0.0	46.783	2.141

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	12974	12975	SN	1	0.0	28.386	12.654	0.0	185.966	12.972	0.0	161.799	12.695	0.0	130.719	14.645	0.0	1.427	0.0	0.0	1.817	0.0	0.0	1.879	0.0	0.0	2.176	0.0
2	12974	12975	SN	1	0.0	28.386	12.689	0.0	185.966	12.453	0.0	161.799	13.036	0.0	130.719	14.006	0.0	1.427	0.0	0.0	1.817	0.0	0.0	1.879	0.0	0.0	2.176	0.0
3	12974	12975	SN	1	0.0	24.387	7.225	0.0	185.966	8.497	0.0	173.16	4.175	0.0	102.356	5.547	0.0	1.426	0.0	0.0	1.815	0.0	0.0	1.881	0.0	0.0	2.174	0.0
4	12974	12975	SN	1	0.0	24.387	7.352	0.0	185.966	8.47	0.0	173.16	4.322	0.0	102.356	5.443	0.0	1.426	0.0	0.0	1.815	0.0	0.0	1.881	0.0	0.0	2.174	0.0
5	12974	12975	SN	1	0.0	28.386	12.654	0.0	185.966	12.972	0.0	161.799	12.695	0.0	130.719	14.645	0.0	1.427	0.0	0.0	1.817	0.0	0.0	1.879	0.0	0.0	2.176	0.0
6	12974	12975	SN	1	0.0	24.387	7.225	0.0	185.966	8.497	0.0	173.16	4.175	0.0	102.356	5.547	0.0	1.426	0.0	0.0	1.815	0.0	0.0	1.881	0.0	0.0	2.174	0.0
7	12975	12976	SN	1	0.0	29.025	12.663	0.0	27.387	12.797	0.0	158.556	12.851	0.0	19.815	14.237	0.0	1.418	0.0	0.0	1.817	0.0	0.0	1.879	0.0	0.0	2.178	0.0
8	12975	12976	SN	1	0.0	29.025	12.654	0.0	27.387	13.008	0.0	158.556	12.742	0.0	115.399	14.509	0.0	1.418	0.0	0.0	1.817	0.0	0.0	1.879	0.0	0.0	2.178	0.0
9	12975	12976	NS	1	0.0	255.441	4.719	0.0	25.606	6.022	0.0	115.377	1.21	0.0	23.163	1.465	0.0	1.388	0.0	0.0	1.75	0.0	0.0	1.813	0.0	0.0	2.104	0.0
10	12975	12976	SN	1	0.0	24.409	7.283	0.0	24.095	8.436	0.0	170.551	4.039	0.0	70.206	5.605	0.0	1.428	0.0	0.0	1.816	0.0	0.0	1.881	0.0	0.0	2.175	0.0
11	12975	12976	SN	1	0.0	29.025	12.654	0.0	27.387	13.008	0.0	158.556	12.742	0.0	115.399	14.509	0.0	1.418	0.0	0.0	1.817	0.0	0.0	1.879	0.0	0.0	2.178	0.0
12	12975	12976	NS	1	0.0	256.676	11.557	0.0	29.924	13.195	0.0	355.649	7.716	0.0	35.765	9.738	0.0	1.403	0.0	0.0	1.751	0.0	0.0	1.808	0.0	0.0	2.105	0.0
13	12975	12976	SN	1	0.0	24.409	7.283	0.0	24.095	8.436	0.0	170.551	4.039	0.0	70.206	5.607	0.0	1.428	0.0	0.0	1.816	0.0	0.0	1.881	0.0	0.0	2.175	0.0
14	12975	12976	SN	1	0.0	24.409	7.318	0.0	24.095	8.425	0.0	170.551	4.08	0.0	16.777	5.524	0.0	1.428	0.0	0.0	1.816	0.0	0.0	1.881	0.0	0.0	2.175	0.0
15	12976	12977	SN	1	0.0	28.937	12.668	0.0	27.393	12.91	0.0	152.153	12.817	0.0	125.723	14.746	0.0	1.433	0.0	0.0	1.818	0.0	0.0	1.879	0.0	0.0	2.177	0.0
16	12976	12977	SN	1	0.0	28.937	12.679	0.0	27.393	12.767	0.0	152.153	12.92	0.0	20.411	14.532	0.0	1.433	0.0	0.0	1.818	0.0	0.0	1.879	0.0	0.0	2.177	0.0
17	12976	12977	SN	1	0.0	24.398	7.381	0.0	24.101	8.604	0.0	153.686	4.29	0.0	169.501	5.739	0.0	1.425	0.0	0.0	1.816	0.0	0.0	1.881	0.0	0.0	2.175	0.0
18	12976	12977	NS	1	0.0	97.8	4.69	0.0	25.54	5.937	0.0	135.076	1.203	0.0	22.446	1.415	0.0	1.389	0.0	0.0	1.749	0.0	0.0	1.813	0.0	0.0	2.104	0.0
19	12976	12977	NS	1	0.0	97.8	4.683	0.0	25.545	5.935	0.0	219.312	1.205	0.0	22.441	1.415	0.0	1.389	0.0	0.0	1.749	0.0	0.0	1.814	0.0	0.0	2.104	0.0
20	12976	12977	NS	1	0.0	43.604	11.498	0.0	29.825	13.248	0.0	171.745	7.786	0.0	41.065	9.63	0.0	1.403	0.0	0.0	1.752	0.0	0.0	1.808	0.0	0.0	2.105	0.0
21	12976	12977	NS	1	0.0	99.907	11.508	0.0	29.825	13.268	0.0	211.944	7.778	0.0	41.076	9.637	0.0	1.403	0.0	0.0	1.752	0.0	0.0	1.808	0.0	0.0	2.105	0.0
22	12976	12977	SN	1	0.0	24.398	7.411	0.0	24.101	8.598	0.0	153.686	4.32	0.0	16.777	5.671	0.0	1.425	0.0	0.0	1.816	0.0	0.0	1.881	0.0	0.0	2.175	0.0
23	12977	12978	NS	1	0.0	21.787	4.634	0.0	21.757	5.925	0.0	351.689	1.159	0.0	33.928	1.426	0.0	1.388	0.0	0.0	1.749	0.0	0.0	1.824	0.0	0.0	2.105	0.0
24	12977	12978	SN	1	0.0	29.34	12.714	0.0	239.26	12.737	0.0	151.64	13.099	0.0	260.399	14.366	0.0	1.431	0.0	0.0	1.818	0.0	0.0	1.875	0.0	0.0	2.177	0.0
25	12977	12978	SN	1	0.0	24.393	7.422	0.0	267.012	8.613	0.0	155.286	4.252	0.0	172.793	5.732	0.0	1.424	0.0	0.0	1.816	0.0	0.0	1.88	0.0	0.0	2.176	0.0
26	12977	12978	SN	1	0.0	24.393	7.422	0.0	267.012	8.613	0.0	155.286	4.252	0.0	172.793	5.732	0.0	1.424	0.0	0.0	1.816	0.0	0.0	1.88	0.0	0.0	2.176	0.0
27	12977	12978	SN	1	0.0	29.34	12.692	0.0	239.26	12.997	0.0	151.64	12.945	0.0	260.399	14.726	0.0	1.431	0.0	0.0	1.818	0.0	0.0	1.875	0.0	0.0	2.177	0.0
28	12977	12978	SN	1	0.0	29.34	12.692	0.0	239.26	12.997	0.0	151.64	12.945	0.0	260.399	14.726	0.0	1.431	0.0	0.0	1.818	0.0	0.0	1.875	0.0	0.0	2.177	0.0
29	12977	12978	NS	1	0.0	257.774	11.486	0.0	29.814	13.274	0.0	351.689	7.691	0.0	48.879	9.603	0.0	1.407	0.0	0.0	1.756	0.0	0.0	1.812	0.0	0.0	2.103	0.0
30	12977	12978	SN	1	0.0	24.393	7.47	0.0	267.012	8.6	0.0	155.286	4.302	0.0	172.793	5.63	0.0	1.424	0.0	0.0	1.816	0.0	0.0	1.88	0.0	0.0	2.176	0.0
31	12978	12979	NS	1	0.0	121.316	4.653	0.0	21.078	5.99	0.0	132.363	1.183	0.0	39.498	1.457	0.0	1.388	0.0	0.0	1.749	0.0	0.0	1.813	0.0	0.0	2.103	0.0

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

Normal
Deviations
Alarming
High Errors

32	12978	12979	SN	1	0.0	24.393	7.389	0.0	238.946	8.553	0.0	182.387	4.186	0.0	70.978	5.631	0.0	1.423	0.0	0.0	1.816	0.0	0.0	1.88	0.0	0.0	2.175	0.0
33	12978	12979	SN	1	0.0	24.393	7.389	0.0	238.946	8.553	0.0	182.387	4.186	0.0	70.978	5.631	0.0	1.423	0.0	0.0	1.816	0.0	0.0	1.88	0.0	0.0	2.175	0.0
34	12978	12979	SN	1	0.0	24.393	7.467	0.0	238.946	8.539	0.0	182.387	4.273	0.0	70.978	5.489	0.0	1.423	0.0	0.0	1.816	0.0	0.0	1.88	0.0	0.0	2.175	0.0
35	12978	12979	NS	1	0.0	90.609	11.435	0.0	29.831	13.272	0.0	351.827	7.761	0.0	58.018	9.634	0.0	1.401	0.0	0.0	1.753	0.0	0.0	1.806	0.0	0.0	2.105	0.0
36	12978	12979	NS	1	0.0	90.609	11.445	0.0	29.831	13.272	0.0	351.827	7.761	0.0	58.012	9.648	0.0	1.401	0.0	0.0	1.753	0.0	0.0	1.806	0.0	0.0	2.105	0.0
37	12978	12979	SN	1	0.0	28.281	12.718	0.0	175.705	12.627	0.0	156.433	13.027	0.0	225.544	14.079	0.0	1.426	0.0	0.0	1.818	0.0	0.0	1.872	0.0	0.0	2.176	0.0
38	12978	12979	NS	1	0.0	121.316	4.648	0.0	21.084	5.992	0.0	132.374	1.183	0.0	39.498	1.459	0.0	1.388	0.0	0.0	1.749	0.0	0.0	1.813	0.0	0.0	2.102	0.0
39	12978	12979	SN	1	0.0	28.281	12.686	0.0	175.705	13.003	0.0	156.433	12.81	0.0	225.544	14.612	0.0	1.426	0.0	0.0	1.818	0.0	0.0	1.872	0.0	0.0	2.176	0.0
40	12978	12979	SN	1	0.0	28.281	12.686	0.0	175.705	13.013	0.0	156.433	12.81	0.0	225.544	14.612	0.0	1.426	0.0	0.0	1.818	0.0	0.0	1.872	0.0	0.0	2.176	0.0
41	12979	12980	SN	1	0.0	26.66	7.488	0.0	24.095	8.475	0.0	168.29	4.27	0.0	42.27	5.466	0.0	1.423	0.0	0.0	1.816	0.0	0.0	1.879	0.0	0.0	2.175	0.0
42	12979	12980	NS	1	0.0	157.395	11.528	0.0	29.842	13.153	0.0	355.627	7.717	0.0	37.998	9.682	0.0	1.403	0.0	0.0	1.751	0.0	0.0	1.809	0.0	0.0	2.105	0.0
43	12979	12980	NS	1	0.0	167.697	4.672	0.0	20.963	6.02	0.0	125.243	1.178	0.0	21.536	1.472	0.0	1.387	0.0	0.0	1.748	0.0	0.0	1.813	0.0	0.0	2.102	0.0
44	12979	12980	SN	1	0.0	26.66	7.369	0.0	24.095	8.504	0.0	168.323	4.153	0.0	247.902	5.582	0.0	1.423	0.0	0.0	1.816	0.0	0.0	1.879	0.0	0.0	2.175	0.0
45	12979	12980	SN	1	0.0	26.66	7.371	0.0	24.095	8.513	0.0	168.29	4.151	0.0	63.428	5.58	0.0	1.423	0.0	0.0	1.816	0.0	0.0	1.879	0.0	0.0	2.175	0.0
46	12979	12980	SN	1	0.0	28.402	12.605	0.0	25.937	12.5	0.0	168.318	13.184	0.0	69.503	13.959	0.0	1.427	0.0	0.0	1.817	0.0	0.0	1.877	0.0	0.0	2.176	0.0
47	12979	12980	SN	1	0.0	28.402	12.576	0.0	27.382	13.006	0.0	168.318	12.852	0.0	84.595	14.56	0.0	1.427	0.0	0.0	1.817	0.0	0.0	1.877	0.0	0.0	2.176	0.0
48	12979	12980	NS	1	0.0	265.682	4.663	0.0	20.963	6.015	0.0	238.764	1.178	0.0	22.187	1.472	0.0	1.388	0.0	0.0	1.748	0.0	0.0	1.813	0.0	0.0	2.103	0.0
49	12979	12980	SN	1	0.0	28.402	12.606	0.0	27.382	13.004	0.0	168.356	12.811	0.0	176.169	14.595	0.0	1.427	0.0	0.0	1.817	0.0	0.0	1.877	0.0	0.0	2.176	0.0
50	12979	12980	NS	1	0.0	221.54	11.528	0.0	29.836	13.143	0.0	355.632	7.717	0.0	38.009	9.674	0.0	1.402	0.0	0.0	1.751	0.0	0.0	1.809	0.0	0.0	2.105	0.0
51	12980	12981	NS	1	0.0	204.852	11.464	0.0	29.853	13.11	0.0	355.428	7.588	0.0	34.728	9.617	0.0	1.402	0.0	0.0	1.752	0.0	0.0	1.808	0.0	0.0	2.105	0.0
52	12980	12981	NS	1	0.0	158.967	4.687	0.0	20.963	6.007	0.0	124.967	1.143	0.0	22.071	1.431	0.0	1.389	0.0	0.0	1.758	0.0	0.0	1.813	0.0	0.0	2.107	0.0
53	12980	12981	NS	1	0.0	236.778	4.694	0.0	20.957	5.991	0.0	125.006	1.152	0.0	42.14	1.438	0.0	1.389	0.0	0.0	1.758	0.0	0.0	1.813	0.0	0.0	2.108	0.0
54	12980	12981	SN	1	0.0	28.799	12.693	0.0	25.75	12.409	0.0	158.385	13.461	0.0	16.854	13.868	0.0	1.439	0.0	0.0	1.816	0.0	0.0	1.879	0.0	0.0	2.176	0.0
55	12980	12981	SN	1	0.0	28.799	12.655	0.0	27.382	12.994	0.0	158.385	12.996	0.0	113.088	14.618	0.0	1.439	0.0	0.0	1.816	0.0	0.0	1.879	0.0	0.0	2.176	0.0
56	12980	12981	SN	1	0.0	28.799	12.655	0.0	27.382	12.994	0.0	158.385	12.996	0.0	113.088	14.618	0.0	1.439	0.0	0.0	1.816	0.0	0.0	1.879	0.0	0.0	2.176	0.0
57	12980	12981	SN	1	0.0	24.376	7.356	0.0	24.078	8.565	0.0	167.871	4.287	0.0	51.416	5.696	0.0	1.427	0.0	0.0	1.815	0.0	0.0	1.881	0.0	0.0	2.173	0.0
58	12980	12981	SN	1	0.0	24.376	7.356	0.0	24.078	8.565	0.0	167.871	4.289	0.0	51.416	5.696	0.0	1.427	0.0	0.0	1.815	0.0	0.0	1.881	0.0	0.0	2.173	0.0
59	12980	12981	SN	1	0.0	24.376	7.526	0.0	24.078	8.538	0.0	167.871	4.491	0.0	16.777	5.624	0.0	1.427	0.0	0.0	1.815	0.0	0.0	1.881	0.0	0.0	2.173	0.0
60	12980	12981	NS	1	0.0	241.394	11.464	0.0	29.847	13.11	0.0	355.428	7.56	0.0	35.219	9.589	0.0	1.402	0.0	0.0	1.752	0.0	0.0	1.807	0.0	0.0	2.105	0.0
61	12981	12982	SN	1	0.0	28.353	12.691	0.0	25.727	12.389	0.0	154.817	13.357	0.0	155.962	13.667	0.0	1.424	0.0	0.0	1.817	0.0	0.0	1.876	0.0	0.0	2.175	0.0
62	12981	12982	SN	1	0.0	24.376	7.4	0.0	24.084	8.406	0.0	151.596	4.351	0.0	69.227	5.579	0.0	1.423	0.0	0.0	1.814	0.0	0.0	1.878	0.0	0.0	2.174	0.0
63	12981	12982	NS	1	0.0	20.477	4.758	0.0	25.59	6.019	0.0	117.869	1.167	0.0	21.972	1.399	0.0	1.388	0.0	0.0	1.749	0.0	0.0	1.813	0.0	0.0	2.103	0.0
64	12981	12982	SN	1	0.0	28.353	12.648	0.0	27.382	12.987	0.0	154.817	12.869	0.0	155.962	14.469	0.0	1.424	0.0	0.0	1.817	0.0	0.0	1.876	0.0	0.0	2.175	0.0
65	12981	12982	SN	1	0.0	24.376	7.235	0.0	24.084	8.44	0.0	151.596	4.155	0.0	69.227	5.638	0.0	1.423	0.0	0.0	1.814	0.0	0.0	1.878	0.0	0.0	2.174	0.0
66	12981	12982	NS	1	0.0	25.838	11.471	0.0	29.72	13.16	0.0	126.489	7.665	0.0	40.717	9.573	0.0	1.403	0.0	0.0	1.751	0.0	0.0	1.808	0.0	0.0	2.102	0.0
67	12982	12983	SN	1	0.0	24.365	7.235	0.0	24.09	8.439	0.0	154.188	4.072	0.0	264.238	5.537	0.0	1.427	0.0	0.0	1.814	0.0	0.0	1.879	0.0	0.0	2.174	0.0
68	12982	12983	NS	1	0.0	120.467	11.37	0.0	43.982	13.337	0.0	254.396	7.677	0.0	35.759	9.545	0.0	1.403	0.0	0.0	1.753	0.0	0.0	1.805	0.0	0.0	2.102	0.0

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

Normal
Deviations
Alarming
High Errors

69	12982	12983	NS	1	0.0	120.423	11.409	0.0	43.982	13.317	0.0	246.838	7.616	0.0	48.598	9.53	0.0	1.403	0.0	0.0	1.754	0.0	0.0	1.807	0.0	0.0	2.104	0.0
70	12982	12983	SN	1	0.0	27.707	12.589	0.0	69.282	12.992	0.0	150.598	12.59	0.0	123.66	14.321	0.0	1.443	0.0	0.0	1.816	0.0	0.0	1.878	0.0	0.0	2.175	0.0
71	12982	12983	SN	1	0.0	27.707	12.578	0.0	200.765	12.992	0.0	150.62	12.554	0.0	121.112	14.328	0.0	1.443	0.0	0.0	1.817	0.0	0.0	1.878	0.0	0.0	2.175	0.0
72	12982	12983	NS	1	0.0	78.956	4.682	0.0	41.473	6.064	0.0	352.853	1.177	0.0	25.816	1.385	0.0	1.397	0.0	0.0	1.753	0.0	0.0	1.812	0.0	0.0	2.102	0.0
73	12982	12983	NS	1	0.0	120.423	4.677	0.0	41.407	6.028	0.0	351.512	1.174	0.0	29.367	1.393	0.0	1.399	0.0	0.0	1.748	0.0	0.0	1.812	0.0	0.0	2.105	0.0
74	12982	12983	SN	1	0.0	24.365	7.226	0.0	266.466	8.446	0.0	154.205	4.069	0.0	174.702	5.537	0.0	1.424	0.0	0.0	1.814	0.0	0.0	1.879	0.0	0.0	2.174	0.0
75	12983	12984	NS	1	0.0	25.154	11.399	0.0	29.792	13.212	0.0	353.194	7.651	0.0	36.454	9.497	0.0	1.402	0.0	0.0	1.754	0.0	0.0	1.807	0.0	0.0	2.104	0.0
76	12983	12984	SN	1	0.0	25.148	7.224	0.0	24.101	8.474	0.0	182.629	4.02	0.0	74.48	5.523	0.0	1.425	0.0	0.0	1.814	0.0	0.0	1.884	0.0	0.0	2.175	0.0
77	12983	12984	NS	1	0.0	20.538	4.672	0.0	25.545	6.078	0.0	353.261	1.187	0.0	33.515	1.325	0.0	1.387	0.0	0.0	1.748	0.0	0.0	1.812	0.0	0.0	2.102	0.0
78	12983	12984	NS	1	0.0	25.154	11.399	0.0	29.792	13.212	0.0	353.194	7.651	0.0	36.454	9.497	0.0	1.402	0.0	0.0	1.754	0.0	0.0	1.807	0.0	0.0	2.104	0.0
79	12983	12984	SN	1	0.0	27.729	12.671	0.0	27.338	12.996	0.0	151.541	12.581	0.0	253.296	14.542	0.0	1.417	0.0	0.0	1.816	0.0	0.0	1.872	0.0	0.0	2.174	0.0
80	12983	12984	NS	1	0.0	20.538	4.672	0.0	25.545	6.078	0.0	353.261	1.187	0.0	33.515	1.325	0.0	1.387	0.0	0.0	1.748	0.0	0.0	1.812	0.0	0.0	2.102	0.0
81	12984	12985	NS	1	0.0	167.72	4.696	0.0	20.433	6.101	0.0	143.249	1.162	0.0	24.332	1.347	0.0	1.388	0.0	0.0	1.748	0.0	0.0	1.812	0.0	0.0	2.102	0.0
82	12984	12985	NS	1	0.0	81.244	11.492	0.0	29.803	13.188	0.0	355.114	7.652	0.0	33.741	9.413	0.0	1.401	0.0	0.0	1.752	0.0	0.0	1.808	0.0	0.0	2.104	0.0
83	12984	12985	NS	1	0.0	81.244	11.492	0.0	29.803	13.188	0.0	355.114	7.652	0.0	33.741	9.413	0.0	1.401	0.0	0.0	1.752	0.0	0.0	1.808	0.0	0.0	2.104	0.0
84	12984	12985	SN	1	0.0	24.459	7.155	0.0	24.09	8.369	0.0	175.085	4.128	0.0	136.769	5.475	0.0	1.427	0.0	0.0	1.815	0.0	0.0	1.878	0.0	0.0	2.174	0.0
85	12984	12985	NS	1	0.0	81.244	11.492	0.0	29.803	13.188	0.0	355.114	7.652	0.0	33.741	9.413	0.0	1.401	0.0	0.0	1.752	0.0	0.0	1.808	0.0	0.0	2.104	0.0
86	12984	12985	SN	1	0.0	24.459	7.162	0.0	171.006	8.365	0.0	175.052	4.128	0.0	136.786	5.475	0.0	1.427	0.0	0.0	1.815	0.0	0.0	1.879	0.0	0.0	2.174	0.0
87	12984	12985	NS	1	0.0	167.72	4.696	0.0	20.433	6.101	0.0	143.249	1.162	0.0	24.332	1.347	0.0	1.388	0.0	0.0	1.748	0.0	0.0	1.812	0.0	0.0	2.102	0.0
88	12984	12985	SN	1	0.0	28.468	12.599	0.0	76.413	12.883	0.0	169.89	12.677	0.0	77.684	14.377	0.0	1.431	0.0	0.0	1.817	0.0	0.0	1.887	0.0	0.0	2.174	0.0
89	12984	12985	SN	1	0.0	28.468	12.599	0.0	220.465	12.883	0.0	169.917	12.677	0.0	77.673	14.398	0.0	1.431	0.0	0.0	1.817	0.0	0.0	1.887	0.0	0.0	2.174	0.0
90	12984	12985	NS	1	0.0	167.72	4.696	0.0	20.433	6.101	0.0	143.249	1.162	0.0	24.332	1.347	0.0	1.388	0.0	0.0	1.748	0.0	0.0	1.812	0.0	0.0	2.102	0.0
91	12985	12986	SN	1	0.0	24.409	7.186	0.0	24.095	8.435	0.0	201.0	4.241	0.0	64.614	5.504	0.0	1.423	0.0	0.0	1.814	0.0	0.0	1.88	0.0	0.0	2.174	0.0
92	12985	12986	NS	1	0.0	40.687	11.509	0.0	29.389	12.943	0.0	355.307	7.804	0.0	17.527	9.25	0.0	1.402	0.0	0.0	1.752	0.0	0.0	1.808	0.0	0.0	2.105	0.0
93	12985	12986	NS	1	0.0	40.687	11.469	0.0	29.82	13.186	0.0	355.307	7.68	0.0	34.607	9.539	0.0	1.402	0.0	0.0	1.752	0.0	0.0	1.808	0.0	0.0	2.105	0.0
94	12985	12986	NS	1	0.0	20.036	4.736	0.0	25.573	6.151	0.0	176.306	1.197	0.0	11.824	1.244	0.0	1.388	0.0	0.0	1.748	0.0	0.0	1.813	0.0	0.0	2.103	0.0
95	12985	12986	SN	1	0.0	28.38	12.642	0.0	27.382	12.988	0.0	192.611	12.87	0.0	111.549	14.381	0.0	1.429	0.0	0.0	1.815	0.0	0.0	1.871	0.0	0.0	2.173	0.0
96	12985	12986	NS	1	0.0	20.036	4.706	0.0	25.573	6.155	0.0	176.306	1.178	0.0	24.895	1.352	0.0	1.388	0.0	0.0	1.748	0.0	0.0	1.813	0.0	0.0	2.103	0.0
97	12985	12986	NS	1	0.0	20.036	4.706	0.0	25.573	6.155	0.0	176.306	1.178	0.0	24.895	1.352	0.0	1.388	0.0	0.0	1.748	0.0	0.0	1.813	0.0	0.0	2.103	0.0
98	12985	12986	NS	1	0.0	40.687	11.469	0.0	29.809	13.186	0.0	355.307	7.68	0.0	34.607	9.539	0.0	1.402	0.0	0.0	1.752	0.0	0.0	1.808	0.0	0.0	2.105	0.0
99	12985	12986	SN	1	0.0	24.409	7.186	0.0	24.095	8.435	0.0	201.0	4.241	0.0	64.614	5.502	0.0	1.423	0.0	0.0	1.814	0.0	0.0	1.88	0.0	0.0	2.174	0.0
100	12985	12986	SN	1	0.0	28.38	12.642	0.0	27.382	12.988	0.0	192.611	12.87	0.0	111.549	14.381	0.0	1.429	0.0	0.0	1.815	0.0	0.0	1.871	0.0	0.0	2.173	0.0
101	12986	12987	NS	1	0.0	168.05	4.807	0.0	25.562	6.133	0.0	152.002	1.241	0.0	11.51	1.213	0.0	1.388	0.0	0.0	1.749	0.0	0.0	1.811	0.0	0.0	2.102	0.0
102	12986	12987	NS	1	0.0	168.05	4.732	0.0	25.562	6.122	0.0	152.002	1.182	0.0	21.575	1.332	0.0	1.388	0.0	0.0	1.749	0.0	0.0	1.811	0.0	0.0	2.102	0.0
103	12986	12987	SN	1	0.0	28.375	12.67	0.0	27.376	12.945	0.0	186.909	12.793	0.0	140.861	14.409	0.0	1.441	0.0	0.0	1.815	0.0	0.0	1.887	0.0	0.0	2.174	0.0
104	12986	12987	SN	1	0.0	28.375	12.67	0.0	27.376	12.945	0.0	186.909	12.793	0.0	140.861	14.409	0.0	1.441	0.0	0.0	1.815	0.0	0.0	1.887	0.0	0.0	2.174	0.0
105	12986	12987	NS	1	0.0	105.596	11.039	0.0	29.643	13.215	0.0	207.67	7.324	0.0	35.853	9.481	0.0	1.401	0.0	0.0	1.753	0.0	0.0	1.808	0.0	0.0	2.102	0.0

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

Normal
Deviations
Alarming
High Errors

106	12986	12987	NS	1	0.0	105.596	11.433	0.0	29.643	13.24	0.0	353.029	7.599	0.0	35.853	9.442	0.0	1.401	0.0	0.0	1.753	0.0	0.0	1.808	0.0	0.0	2.102	0.0
107	12986	12987	SN	1	0.0	24.376	7.234	0.0	24.101	8.445	0.0	191.078	4.252	0.0	66.875	5.522	0.0	1.423	0.0	0.0	1.819	0.0	0.0	1.879	0.0	0.0	2.174	0.0
108	12986	12987	SN	1	0.0	24.376	7.237	0.0	24.101	8.445	0.0	191.078	4.257	0.0	66.875	5.518	0.0	1.423	0.0	0.0	1.819	0.0	0.0	1.879	0.0	0.0	2.174	0.0
109	12986	12987	NS	1	0.0	105.596	11.595	0.0	29.373	12.709	0.0	353.029	7.947	0.0	13.732	8.835	0.0	1.401	0.0	0.0	1.753	0.0	0.0	1.808	0.0	0.0	2.102	0.0
110	12986	12987	NS	1	0.0	168.05	4.546	0.0	25.562	6.133	0.0	152.002	0.997	0.0	21.575	1.328	0.0	1.388	0.0	0.0	1.749	0.0	0.0	1.811	0.0	0.0	2.102	0.0
111	12987	12988	NS	1	0.0	78.459	11.505	0.0	29.693	13.1	0.0	143.542	7.781	0.0	36.873	9.182	0.0	1.401	0.0	0.0	1.752	0.0	0.0	1.809	0.0	0.0	2.102	0.0
112	12987	12988	NS	1	0.0	78.459	11.843	0.0	29.428	12.504	0.0	143.542	8.488	0.0	13.435	8.739	0.0	1.401	0.0	0.0	1.752	0.0	0.0	1.809	0.0	0.0	2.102	0.0
113	12987	12988	NS	1	0.0	20.516	4.902	0.0	25.584	6.329	0.0	135.887	1.334	0.0	11.515	1.268	0.0	1.388	0.0	0.0	1.749	0.0	0.0	1.812	0.0	0.0	2.102	0.0
114	12987	12988	SN	1	0.0	28.242	12.742	0.0	239.326	13.005	0.0	165.334	12.858	0.0	106.222	14.482	0.0	1.443	0.0	0.0	1.816	0.0	0.0	1.874	0.0	0.0	2.176	0.0
115	12987	12988	NS	1	0.0	20.516	4.719	0.0	25.584	6.161	0.0	135.887	1.22	0.0	22.121	1.335	0.0	1.388	0.0	0.0	1.749	0.0	0.0	1.812	0.0	0.0	2.102	0.0
116	12987	12988	SN	1	0.0	24.393	7.303	0.0	266.967	8.46	0.0	183.363	4.219	0.0	265.357	5.515	0.0	1.428	0.0	0.0	1.815	0.0	0.0	1.878	0.0	0.0	2.174	0.0
117	12987	12988	SN	1	0.0	24.393	7.303	0.0	266.967	8.46	0.0	183.363	4.219	0.0	265.357	5.515	0.0	1.428	0.0	0.0	1.815	0.0	0.0	1.878	0.0	0.0	2.174	0.0
118	12987	12988	NS	1	0.0	78.459	11.521	0.0	29.698	13.238	0.0	143.542	7.761	0.0	36.873	9.442	0.0	1.401	0.0	0.0	1.752	0.0	0.0	1.809	0.0	0.0	2.102	0.0
119	12987	12988	NS	1	0.0	20.516	4.749	0.0	25.584	6.201	0.0	135.887	1.212	0.0	22.115	1.355	0.0	1.388	0.0	0.0	1.749	0.0	0.0	1.812	0.0	0.0	2.102	0.0
120	12987	12988	SN	1	0.0	28.242	12.742	0.0	239.326	13.005	0.0	165.334	12.858	0.0	106.222	14.482	0.0	1.443	0.0	0.0	1.816	0.0	0.0	1.874	0.0	0.0	2.176	0.0
121	12988	12989	SN	1	0.0	24.404	7.274	0.0	24.09	8.502	0.0	158.496	4.272	0.0	69.362	5.617	0.0	1.43	0.0	0.0	1.816	0.0	0.0	1.88	0.0	0.0	2.174	0.0
122	12988	12989	SN	1	0.0	28.358	12.85	0.0	25.65	12.424	0.0	154.894	13.324	0.0	23.48	13.655	0.0	1.422	0.0	0.0	1.818	0.0	0.0	1.872	0.0	0.0	2.177	0.0
123	12988	12989	NS	1	0.0	212.066	11.465	0.0	29.742	13.296	0.0	214.294	7.776	0.0	36.278	9.364	0.0	1.402	0.0	0.0	1.753	0.0	0.0	1.809	0.0	0.0	2.103	0.0
124	12988	12989	NS	1	0.0	212.066	11.476	0.0	29.742	13.315	0.0	214.294	7.767	0.0	36.278	9.45	0.0	1.402	0.0	0.0	1.753	0.0	0.0	1.809	0.0	0.0	2.103	0.0
125	12988	12989	NS	1	0.0	212.066	11.476	0.0	29.742	13.315	0.0	164.124	7.767	0.0	36.278	9.45	0.0	1.402	0.0	0.0	1.753	0.0	0.0	1.809	0.0	0.0	2.103	0.0
126	12988	12989	SN	1	0.0	28.358	12.756	0.0	27.382	13.061	0.0	154.894	12.803	0.0	129.087	14.496	0.0	1.422	0.0	0.0	1.818	0.0	0.0	1.872	0.0	0.0	2.177	0.0
127	12988	12989	NS	1	0.0	205.21	5.151	0.0	25.606	6.461	0.0	353.062	1.407	0.0	11.554	1.319	0.0	1.389	0.0	0.0	1.759	0.0	0.0	1.812	0.0	0.0	2.103	0.0
128	12988	12989	SN	1	0.0	24.404	7.468	0.0	24.09	8.467	0.0	158.496	4.497	0.0	16.777	5.582	0.0	1.43	0.0	0.0	1.816	0.0	0.0	1.88	0.0	0.0	2.174	0.0
129	12988	12989	NS	1	0.0	205.21	4.777	0.0	25.606	6.142	0.0	353.062	1.202	0.0	33.25	1.334	0.0	1.389	0.0	0.0	1.759	0.0	0.0	1.812	0.0	0.0	2.103	0.0
130	12988	12989	NS	1	0.0	205.21	4.785	0.0	25.606	6.158	0.0	353.062	1.199	0.0	33.25	1.333	0.0	1.389	0.0	0.0	1.759	0.0	0.0	1.812	0.0	0.0	2.103	0.0
131	12988	12989	NS	1	0.0	205.216	4.783	0.0	25.606	6.155	0.0	353.062	1.199	0.0	33.25	1.329	0.0	1.389	0.0	0.0	1.759	0.0	0.0	1.812	0.0	0.0	2.103	0.0
132	12988	12989	NS	1	0.0	212.066	12.044	0.0	29.423	12.547	0.0	214.294	9.058	0.0	12.966	8.652	0.0	1.402	0.0	0.0	1.753	0.0	0.0	1.809	0.0	0.0	2.103	0.0
133	12989	12990	SN	1	0.0	28.193	12.686	0.0	27.294	12.842	0.0	170.358	12.684	0.0	128.067	14.296	0.0	1.419	0.0	0.0	1.816	0.0	0.0	1.878	0.0	0.0	2.176	0.0
134	12989	12990	NS	1	0.0	270.409	11.524	0.0	29.764	13.263	0.0	351.816	7.802	0.0	58.487	9.499	0.0	1.401	0.0	0.0	1.752	0.0	0.0	1.807	0.0	0.0	2.103	0.0
135	12989	12990	SN	1	0.0	24.393	7.196	0.0	188.563	8.375	0.0	177.373	4.289	0.0	89.285	5.644	0.0	1.425	0.0	0.0	1.816	0.0	0.0	1.882	0.0	0.0	2.174	0.0
136	12989	12990	SN	1	0.0	24.393	7.253	0.0	188.563	8.348	0.0	177.373	4.359	0.0	89.285	5.551	0.0	1.425	0.0	0.0	1.816	0.0	0.0	1.882	0.0	0.0	2.174	0.0
137	12989	12990	NS	1	0.0	140.39	4.794	0.0	25.601	6.228	0.0	280.248	1.185	0.0	39.896	1.338	0.0	1.388	0.0	0.0	1.749	0.0	0.0	1.812	0.0	0.0	2.102	0.0
138	12989	12990	NS	1	0.0	140.39	4.796	0.0	25.601	6.228	0.0	280.248	1.183	0.0	39.896	1.338	0.0	1.388	0.0	0.0	1.749	0.0	0.0	1.812	0.0	0.0	2.102	0.0
139	12989	12990	SN	1	0.0	28.193	12.707	0.0	26.83	12.523	0.0	170.358	12.849	0.0	128.067	13.955	0.0	1.419	0.0	0.0	1.816	0.0	0.0	1.878	0.0	0.0	2.176	0.0
140	12989	12990	SN	1	0.0	24.393	7.198	0.0	188.563	8.375	0.0	177.373	4.292	0.0	89.285	5.645	0.0	1.425	0.0	0.0	1.816	0.0	0.0	1.882	0.0	0.0	2.174	0.0
141	12989	12990	NS	1	0.0	270.409	11.524	0.0	29.764	13.263	0.0	351.816	7.795	0.0	58.487	9.499	0.0	1.401	0.0	0.0	1.752	0.0	0.0	1.807	0.0	0.0	2.103	0.0
142	12989	12990	SN	1	0.0	28.193	12.686	0.0	27.294	12.842	0.0	170.358	12.691	0.0	128.067	14.303	0.0	1.419	0.0	0.0	1.816	0.0	0.0	1.878	0.0	0.0	2.176	0.0

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

Normal
Deviations
Alarming
High Errors

143	12990	12991	SN	1	0.0	28.474	12.759	0.0	27.371	12.802	0.0	166.354	12.978	0.0	18.845	14.175	0.0	1.429	0.0	0.0	1.816	0.0	0.0	1.873	0.0	0.0	2.174	0.0
144	12990	12991	SN	1	0.0	28.474	12.741	0.0	27.371	13.011	0.0	166.354	12.829	0.0	103.696	14.512	0.0	1.429	0.0	0.0	1.816	0.0	0.0	1.873	0.0	0.0	2.174	0.0
145	12990	12991	NS	1	0.0	20.587	4.717	0.0	25.601	6.165	0.0	126.732	1.195	0.0	24.795	1.351	0.0	1.388	0.0	0.0	1.748	0.0	0.0	1.812	0.0	0.0	2.101	0.0
146	12990	12991	NS	1	0.0	20.587	4.72	0.0	24.244	6.17	0.0	126.716	1.188	0.0	24.801	1.342	0.0	1.388	0.0	0.0	1.748	0.0	0.0	1.812	0.0	0.0	2.101	0.0
147	12990	12991	SN	1	0.0	28.474	12.757	0.0	27.371	12.859	0.0	166.354	12.978	0.0	21.404	14.274	0.0	1.429	0.0	0.0	1.816	0.0	0.0	1.873	0.0	0.0	2.174	0.0
148	12990	12991	SN	1	0.0	24.387	7.342	0.0	24.078	8.536	0.0	171.687	4.259	0.0	64.647	5.636	0.0	1.43	0.0	0.0	1.816	0.0	0.0	1.882	0.0	0.0	2.175	0.0
149	12990	12991	NS	1	0.0	24.933	11.497	0.0	29.809	13.205	0.0	355.257	7.738	0.0	34.447	9.466	0.0	1.401	0.0	0.0	1.754	0.0	0.0	1.807	0.0	0.0	2.104	0.0
150	12990	12991	NS	1	0.0	24.933	11.508	0.0	29.809	13.236	0.0	355.257	7.709	0.0	34.458	9.48	0.0	1.401	0.0	0.0	1.754	0.0	0.0	1.807	0.0	0.0	2.104	0.0
151	12990	12991	SN	1	0.0	24.387	7.378	0.0	24.078	8.542	0.0	171.687	4.315	0.0	16.777	5.572	0.0	1.43	0.0	0.0	1.816	0.0	0.0	1.882	0.0	0.0	2.175	0.0
152	12991	12992	SN	1	0.0	24.409	7.374	0.0	24.073	8.518	0.0	168.753	4.342	0.0	50.104	5.645	0.0	1.428	0.0	0.0	1.816	0.0	0.0	1.881	0.0	0.0	2.175	0.0
153	12991	12992	SN	1	0.0	28.297	12.731	0.0	27.354	12.778	0.0	158.198	12.965	0.0	19.782	14.198	0.0	1.431	0.0	0.0	1.816	0.0	0.0	1.872	0.0	0.0	2.176	0.0
154	12991	12992	NS	1	0.0	266.962	4.733	0.0	20.422	6.147	0.0	122.557	1.163	0.0	25.226	1.355	0.0	1.388	0.0	0.0	1.748	0.0	0.0	1.812	0.0	0.0	2.102	0.0
155	12991	12992	SN	1	0.0	28.297	12.677	0.0	27.36	12.97	0.0	158.198	12.836	0.0	85.916	14.471	0.0	1.431	0.0	0.0	1.816	0.0	0.0	1.872	0.0	0.0	2.176	0.0
156	12991	12992	SN	1	0.0	28.297	12.728	0.0	27.36	12.939	0.0	158.198	12.927	0.0	85.888	14.471	0.0	1.431	0.0	0.0	1.816	0.0	0.0	1.872	0.0	0.0	2.176	0.0
157	12991	12992	SN	1	0.0	24.409	7.335	0.0	24.073	8.525	0.0	168.753	4.305	0.0	50.104	5.645	0.0	1.428	0.0	0.0	1.816	0.0	0.0	1.881	0.0	0.0	2.175	0.0
158	12991	12992	SN	1	0.0	24.409	7.386	0.0	24.073	8.511	0.0	168.753	4.356	0.0	28.692	5.57	0.0	1.428	0.0	0.0	1.816	0.0	0.0	1.881	0.0	0.0	2.175	0.0
159	12991	12992	NS	1	0.0	210.086	11.497	0.0	29.82	13.236	0.0	357.833	7.681	0.0	35.208	9.537	0.0	1.401	0.0	0.0	1.752	0.0	0.0	1.81	0.0	0.0	2.105	0.0
160	12992	12993	SN	1	0.0	28.264	12.682	0.0	27.371	12.95	0.0	154.139	13.015	0.0	86.381	14.57	0.0	1.418	0.0	0.0	1.819	0.0	0.0	1.874	0.0	0.0	2.177	0.0
161	12992	12993	SN	1	0.0	28.264	12.682	0.0	27.371	12.95	0.0	154.139	13.015	0.0	86.381	14.57	0.0	1.418	0.0	0.0	1.819	0.0	0.0	1.874	0.0	0.0	2.177	0.0
162	12992	12993	SN	1	0.0	24.95	7.347	0.0	24.078	8.51	0.0	149.826	4.334	0.0	58.707	5.633	0.0	1.429	0.0	0.0	1.817	0.0	0.0	1.881	0.0	0.0	2.176	0.0
163	12992	12993	SN	1	0.0	24.95	7.347	0.0	24.078	8.51	0.0	149.826	4.334	0.0	58.707	5.633	0.0	1.429	0.0	0.0	1.817	0.0	0.0	1.881	0.0	0.0	2.176	0.0
164	12992	12993	SN	1	0.0	24.95	7.41	0.0	24.078	8.493	0.0	149.826	4.409	0.0	16.777	5.545	0.0	1.429	0.0	0.0	1.817	0.0	0.0	1.881	0.0	0.0	2.176	0.0
165	12992	12993	NS	1	0.0	24.95	11.501	0.0	29.643	13.188	0.0	140.073	7.654	0.0	39.487	9.566	0.0	1.402	0.0	0.0	1.75	0.0	0.0	1.806	0.0	0.0	2.104	0.0
166	12992	12993	NS	1	0.0	237.721	11.521	0.0	29.643	13.198	0.0	140.034	7.669	0.0	39.493	9.537	0.0	1.401	0.0	0.0	1.75	0.0	0.0	1.806	0.0	0.0	2.104	0.0
167	12992	12993	NS	1	0.0	252.89	4.715	0.0	20.406	6.156	0.0	138.777	1.153	0.0	21.713	1.384	0.0	1.385	0.0	0.0	1.747	0.0	0.0	1.811	0.0	0.0	2.101	0.0
168	12992	12993	NS	1	0.0	59.179	4.71	0.0	19.468	6.161	0.0	138.733	1.158	0.0	21.713	1.379	0.0	1.385	0.0	0.0	1.747	0.0	0.0	1.811	0.0	0.0	2.101	0.0
169	12992	12993	SN	1	0.0	28.264	12.685	0.0	27.371	12.672	0.0	154.139	13.196	0.0	16.854	14.134	0.0	1.418	0.0	0.0	1.819	0.0	0.0	1.874	0.0	0.0	2.177	0.0
170	12993	12994	NS	1	0.0	55.169	11.439	0.0	29.66	13.124	0.0	176.483	7.494	0.0	37.061	9.414	0.0	1.401	0.0	0.0	1.75	0.0	0.0	1.808	0.0	0.0	2.104	0.0
171	12993	12994	SN	1	0.0	27.735	12.74	0.0	27.376	12.543	0.0	155.479	13.207	0.0	65.35	14.179	0.0	1.418	0.0	0.0	1.818	0.0	0.0	1.88	0.0	0.0	2.176	0.0
172	12993	12994	SN	1	0.0	24.398	7.354	0.0	24.073	8.615	0.0	153.284	4.367	0.0	178.943	5.699	0.0	1.425	0.0	0.0	1.816	0.0	0.0	1.88	0.0	0.0	2.175	0.0
173	12993	12994	NS	1	0.0	238.692	11.429	0.0	29.66	13.124	0.0	176.477	7.473	0.0	37.066	9.406	0.0	1.401	0.0	0.0	1.75	0.0	0.0	1.808	0.0	0.0	2.104	0.0
174	12993	12994	SN	1	0.0	27.735	12.7	0.0	27.376	12.986	0.0	155.479	12.932	0.0	120.82	14.716	0.0	1.418	0.0	0.0	1.818	0.0	0.0	1.88	0.0	0.0	2.176	0.0
175	12993	12994	NS	1	0.0	95.338	4.661	0.0	20.4	6.088	0.0	229.846	1.162	0.0	18.619	1.362	0.0	1.383	0.0	0.0	1.747	0.0	0.0	1.812	0.0	0.0	2.101	0.0
176	12993	12994	SN	1	0.0	24.398	7.445	0.0	24.073	8.596	0.0	153.284	4.471	0.0	178.943	5.592	0.0	1.425	0.0	0.0	1.816	0.0	0.0	1.88	0.0	0.0	2.175	0.0
177	12993	12994	NS	1	0.0	252.105	4.675	0.0	20.417	6.081	0.0	168.971	1.16	0.0	18.619	1.362	0.0	1.383	0.0	0.0	1.747	0.0	0.0	1.812	0.0	0.0	2.102	0.0
178	12994	12995	NS	1	0.0	193.643	11.504	0.0	29.682	13.245	0.0	357.893	7.753	0.0	36.36	9.428	0.0	1.412	0.0	0.0	1.753	0.0	0.0	1.821	0.0	0.0	2.101	0.0
179	12994	12995	NS	1	0.0	105.185	4.71	0.0	19.556	6.242	0.0	353.222	1.179	0.0	33.283	1.32	0.0	1.395	0.0	0.0	1.751	0.0	0.0	1.812	0.0	0.0	2.103	0.0

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

Normal
Deviations
Alarming
High Errors

180	12994	12995	NS	1	0.0	69.53	4.71	0.0	19.556	6.238	0.0	353.222	1.184	0.0	33.283	1.329	0.0	1.395	0.0	0.0	1.751	0.0	0.0	1.812	0.0	0.0	2.104	0.0
181	12994	12995	SN	1	0.0	24.376	7.309	0.0	64.404	8.447	0.0	175.769	4.236	0.0	272.747	5.613	0.0	1.425	0.0	0.0	1.816	0.0	0.0	1.882	0.0	0.0	2.175	0.0
182	12994	12995	SN	1	0.0	28.424	12.596	0.0	64.404	12.958	0.0	155.661	12.781	0.0	125.122	14.386	0.0	1.426	0.0	0.0	1.817	0.0	0.0	1.872	0.0	0.0	2.175	0.0
183	12994	12995	SN	1	0.0	28.424	12.596	0.0	64.404	12.958	0.0	155.661	12.781	0.0	125.122	14.386	0.0	1.426	0.0	0.0	1.817	0.0	0.0	1.872	0.0	0.0	2.175	0.0
184	12994	12995	SN	1	0.0	24.376	7.309	0.0	64.404	8.447	0.0	175.769	4.236	0.0	272.747	5.613	0.0	1.425	0.0	0.0	1.816	0.0	0.0	1.882	0.0	0.0	2.175	0.0
185	12994	12995	NS	1	0.0	124.589	11.514	0.0	29.682	13.235	0.0	357.899	7.738	0.0	36.36	9.407	0.0	1.411	0.0	0.0	1.753	0.0	0.0	1.821	0.0	0.0	2.102	0.0
186	12995	12996	NS	1	0.0	53.799	4.721	0.0	20.444	6.177	0.0	133.62	1.161	0.0	23.786	1.281	0.0	1.388	0.0	0.0	1.753	0.0	0.0	1.812	0.0	0.0	2.101	0.0
187	12995	12996	NS	1	0.0	79.65	10.767	0.0	29.709	12.941	0.0	247.789	6.68	0.0	36.614	9.391	0.0	1.399	0.0	0.0	1.752	0.0	0.0	1.809	0.0	0.0	2.102	0.0
188	12995	12996	SN	1	0.0	27.261	12.77	0.0	25.628	12.383	0.0	139.695	13.467	0.0	277.297	13.824	0.0	1.429	0.0	0.0	1.817	0.0	0.0	1.873	0.0	0.0	2.175	0.0
189	12995	12996	NS	1	0.0	158.347	11.378	0.0	33.145	13.122	0.0	355.169	7.658	0.0	36.625	9.391	0.0	1.403	0.0	0.0	1.752	0.0	0.0	1.809	0.0	0.0	2.102	0.0
190	12995	12996	SN	1	0.0	27.261	12.707	0.0	27.376	13.047	0.0	139.695	12.922	0.0	277.297	14.702	0.0	1.429	0.0	0.0	1.817	0.0	0.0	1.873	0.0	0.0	2.175	0.0
191	12995	12996	SN	1	0.0	27.261	12.707	0.0	27.376	13.047	0.0	139.695	12.929	0.0	277.297	14.702	0.0	1.429	0.0	0.0	1.817	0.0	0.0	1.873	0.0	0.0	2.175	0.0
192	12995	12996	NS	1	0.0	200.983	4.511	0.0	20.428	6.066	0.0	238.993	0.902	0.0	23.786	1.259	0.0	1.38	0.0	0.0	1.747	0.0	0.0	1.812	0.0	0.0	2.101	0.0
193	12995	12996	SN	1	0.0	24.387	7.491	0.0	24.062	8.524	0.0	171.384	4.572	0.0	182.353	5.77	0.0	1.425	0.0	0.0	1.815	0.0	0.0	1.883	0.0	0.0	2.174	0.0
194	12995	12996	SN	1	0.0	24.387	7.288	0.0	24.062	8.543	0.0	171.384	4.325	0.0	182.353	5.796	0.0	1.425	0.0	0.0	1.815	0.0	0.0	1.883	0.0	0.0	2.174	0.0
195	12995	12996	SN	1	0.0	24.387	7.288	0.0	24.062	8.54	0.0	171.384	4.325	0.0	182.353	5.8	0.0	1.425	0.0	0.0	1.815	0.0	0.0	1.883	0.0	0.0	2.174	0.0
196	12996	12997	SN	1	0.0	28.391	12.639	0.0	27.365	12.988	0.0	156.223	12.677	0.0	233.707	14.227	0.0	1.426	0.0	0.0	1.815	0.0	0.0	1.875	0.0	0.0	2.173	0.0
197	12996	12997	NS	1	0.0	158.523	4.783	0.0	141.212	6.32	0.0	248.964	1.181	0.0	164.424	1.424	0.0	1.384	0.0	0.0	1.748	0.0	0.0	1.812	0.0	0.0	2.102	0.0
198	12996	12997	SN	1	0.0	24.365	7.227	0.0	24.073	8.431	0.0	166.922	4.153	0.0	89.28	5.543	0.0	1.427	0.0	0.0	1.814	0.0	0.0	1.88	0.0	0.0	2.173	0.0
199	12996	12997	NS	1	0.0	270.668	11.476	0.0	158.11	13.371	0.0	162.662	7.687	0.0	165.72	9.646	0.0	1.401	0.0	0.0	1.752	0.0	0.0	1.809	0.0	0.0	2.102	0.0
200	12996	12997	NS	1	0.0	42.91	11.486	0.0	158.11	13.381	0.0	265.743	7.709	0.0	165.715	9.675	0.0	1.402	0.0	0.0	1.752	0.0	0.0	1.809	0.0	0.0	2.102	0.0
201	12996	12997	SN	1	0.0	24.365	7.229	0.0	24.073	8.433	0.0	166.922	4.155	0.0	89.28	5.543	0.0	1.427	0.0	0.0	1.814	0.0	0.0	1.88	0.0	0.0	2.173	0.0
202	12996	12997	SN	1	0.0	28.391	12.707	0.0	25.507	12.197	0.0	156.223	13.321	0.0	233.707	13.175	0.0	1.426	0.0	0.0	1.815	0.0	0.0	1.875	0.0	0.0	2.173	0.0
203	12996	12997	SN	1	0.0	28.391	12.639	0.0	27.365	12.988	0.0	156.223	12.684	0.0	233.707	14.227	0.0	1.426	0.0	0.0	1.815	0.0	0.0	1.875	0.0	0.0	2.173	0.0
204	12996	12997	NS	1	0.0	206.689	4.768	0.0	141.212	6.318	0.0	198.328	1.183	0.0	164.43	1.422	0.0	1.383	0.0	0.0	1.748	0.0	0.0	1.811	0.0	0.0	2.102	0.0
205	12996	12997	SN	1	0.0	24.365	7.504	0.0	24.073	8.431	0.0	166.922	4.476	0.0	89.28	5.558	0.0	1.427	0.0	0.0	1.814	0.0	0.0	1.88	0.0	0.0	2.173	0.0
206	12997	12998	NS	1	0.0	263.788	4.775	0.0	20.439	6.238	0.0	120.594	1.181	0.0	24.851	1.301	0.0	1.382	0.0	0.0	1.747	0.0	0.0	1.812	0.0	0.0	2.101	0.0
207	12997	12998	NS	1	0.0	162.376	11.496	0.0	33.746	13.238	0.0	358.015	7.737	0.0	38.622	9.412	0.0	1.4	0.0	0.0	1.752	0.0	0.0	1.808	0.0	0.0	2.102	0.0
208	12997	12998	SN	1	0.0	24.393	7.288	0.0	24.062	8.52	0.0	163.906	4.224	0.0	64.084	5.686	0.0	1.429	0.0	0.0	1.815	0.0	0.0	1.88	0.0	0.0	2.173	0.0
209	12997	12998	SN	1	0.0	24.393	7.288	0.0	24.062	8.52	0.0	163.906	4.224	0.0	64.084	5.686	0.0	1.429	0.0	0.0	1.815	0.0	0.0	1.88	0.0	0.0	2.173	0.0
210	12997	12998	SN	1	0.0	28.331	12.713	0.667	27.365	13.045	0.0	158.97	12.868	0.0	120.34	14.576	0.0	1.435	0.0	0.001	1.815	0.0	0.0	1.873	0.0	0.0	2.174	0.0
211	12997	12998	SN	1	0.0	28.331	12.713	0.667	27.365	13.045	0.0	158.97	12.868	0.0	120.34	14.576	0.0	1.435	0.0	0.001	1.815	0.0	0.0	1.873	0.0	0.0	2.174	0.0
212	12998	12999	NS	1	0.0	236.552	4.78	0.0	20.422	6.216	0.0	114.605	1.17	0.0	20.61	1.305	0.0	1.38	0.0	0.0	1.747	0.0	0.0	1.811	0.0	0.0	2.101	0.0
213	12998	12999	NS	1	0.0	236.552	4.78	0.0	20.422	6.216	0.0	114.605	1.17	0.0	20.61	1.305	0.0	1.38	0.0	0.0	1.747	0.0	0.0	1.811	0.0	0.0	2.101	0.0
214	12998	12999	SN	1	0.0	24.382	7.212	0.0	24.078	8.426	0.0	155.137	4.237	0.0	124.774	5.66	0.0	1.425	0.0	0.0	1.815	0.0	0.0	1.881	0.0	0.0	2.173	0.0
215	12998	12999	SN	1	0.0	28.275	12.67	0.0	27.365	12.847	0.0	156.549	12.727	0.0	141.998	14.372	0.0	1.437	0.0	0.0	1.816	0.0	0.0	1.879	0.0	0.0	2.175	0.0
216	12998	12999	NS	1	0.0	210.075	11.594	0.0	29.621	13.157	0.0	111.285	7.679	0.0	35.985	9.377	0.0	1.398	0.0	0.0	1.75	0.0	0.0	1.806	0.0	0.0	2.102	0.0

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

Normal
Deviations
Alarming
High Errors

217	12998	12999	NS	1	0.0	210.075	11.594	0.0	29.621	13.157	0.0	111.285	7.679	0.0	35.985	9.377	0.0	1.398	0.0	0.0	1.75	0.0	0.0	1.806	0.0	0.0	2.102	0.0
218	12999	13000	SN	1	0.0	28.187	12.658	0.0	94.778	12.989	0.0	160.569	12.872	0.0	129.842	14.452	0.0	1.439	0.0	0.0	1.816	0.0	0.0	1.871	0.0	0.0	2.174	0.0
219	12999	13000	NS	1	0.0	271.098	11.477	0.0	24.878	12.943	0.0	349.158	7.774	0.0	18.817	9.121	0.0	1.398	0.0	0.0	1.754	0.0	0.0	1.809	0.0	0.0	2.098	0.0
220	12999	13000	SN	1	0.0	24.387	7.268	0.0	94.751	8.43	0.0	156.411	4.288	0.0	69.616	5.508	0.0	1.425	0.0	0.0	1.815	0.0	0.0	1.88	0.0	0.0	2.174	0.0
221	12999	13000	NS	1	0.0	271.098	11.443	0.0	29.649	13.117	0.0	349.158	7.673	0.0	35.847	9.356	0.0	1.398	0.0	0.0	1.754	0.0	0.0	1.809	0.0	0.0	2.098	0.0
222	12999	13000	NS	1	0.0	237.261	4.741	0.0	20.417	6.208	0.0	196.828	1.161	0.0	21.277	1.286	0.0	1.379	0.0	0.0	1.747	0.0	0.0	1.811	0.0	0.0	2.1	0.0
223	12999	13000	NS	1	0.0	237.261	4.769	0.0	20.417	6.201	0.0	196.828	1.178	0.0	12.127	1.201	0.0	1.379	0.0	0.0	1.747	0.0	0.0	1.811	0.0	0.0	2.1	0.0
224	13000	13001	SN	1	0.0	24.393	7.263	0.0	236.668	8.477	0.0	198.507	4.289	0.0	72.5	5.604	0.0	1.425	0.0	0.0	1.815	0.0	0.0	1.88	0.0	0.0	2.174	0.0
225	13000	13001	NS	1	0.0	20.541	4.862	0.0	20.439	6.233	0.0	268.696	1.202	0.0	11.46	1.192	0.0	1.382	0.0	0.0	1.747	0.0	0.0	1.81	0.0	0.0	2.101	0.0
226	13000	13001	NS	1	0.0	20.541	4.805	0.0	20.439	6.225	0.0	268.696	1.165	0.0	38.247	1.307	0.0	1.382	0.0	0.0	1.747	0.0	0.0	1.81	0.0	0.0	2.101	0.0
227	13000	13001	NS	1	0.0	20.541	4.804	0.0	20.439	6.225	0.0	268.696	1.165	0.0	38.247	1.309	0.0	1.382	0.0	0.0	1.747	0.0	0.0	1.81	0.0	0.0	2.101	0.0
228	13000	13001	NS	1	0.0	41.713	11.514	0.0	29.665	13.192	0.0	349.654	7.73	0.0	36.757	9.522	0.0	1.401	0.0	0.0	1.751	0.0	0.0	1.81	0.0	0.0	2.101	0.0
229	13000	13001	NS	1	0.0	41.713	11.514	0.0	29.665	13.192	0.0	349.654	7.73	0.0	36.757	9.515	0.0	1.401	0.0	0.0	1.751	0.0	0.0	1.81	0.0	0.0	2.101	0.0
230	13000	13001	NS	1	0.0	41.713	11.611	0.0	24.249	12.808	0.0	349.654	7.959	0.0	14.367	9.02	0.0	1.401	0.0	0.0	1.751	0.0	0.0	1.81	0.0	0.0	2.101	0.0
231	13000	13001	SN	1	0.0	28.386	12.754	0.0	243.38	13.06	0.0	186.622	12.864	0.0	130.471	14.5	0.0	1.427	0.0	0.0	1.817	0.0	0.0	1.874	0.0	0.0	2.175	0.0
232	13000	13001	SN	1	0.0	28.386	12.754	0.0	243.38	13.06	0.0	186.622	12.864	0.0	130.471	14.5	0.0	1.427	0.0	0.0	1.817	0.0	0.0	1.874	0.0	0.0	2.175	0.0
233	13000	13001	SN	1	0.0	24.393	7.263	0.0	236.668	8.477	0.0	198.507	4.289	0.0	72.5	5.604	0.0	1.425	0.0	0.0	1.815	0.0	0.0	1.88	0.0	0.0	2.174	0.0
234	13001	13002	SN	1	0.0	28.248	12.764	0.0	27.371	13.051	0.0	174.759	12.885	0.0	167.234	14.622	0.0	1.427	0.0	0.0	1.816	0.0	0.0	1.872	0.0	0.0	2.174	0.0
235	13001	13002	NS	1	0.0	220.228	11.435	0.0	29.505	13.129	0.0	355.147	7.522	0.0	36.156	9.317	0.0	1.401	0.0	0.0	1.751	0.0	0.0	1.807	0.0	0.0	2.102	0.0
236	13001	13002	NS	1	0.0	220.228	11.435	0.0	29.505	13.129	0.0	355.147	7.522	0.0	36.156	9.317	0.0	1.401	0.0	0.0	1.751	0.0	0.0	1.807	0.0	0.0	2.102	0.0
237	13001	13002	SN	1	0.0	28.248	12.764	0.0	27.371	13.051	0.0	174.759	12.885	0.0	167.234	14.622	0.0	1.427	0.0	0.0	1.816	0.0	0.0	1.872	0.0	0.0	2.174	0.0
238	13001	13002	NS	1	0.0	199.442	4.77	0.0	25.579	6.181	0.0	212.044	1.141	0.0	21.012	1.248	0.0	1.382	0.0	0.0	1.748	0.0	0.0	1.811	0.0	0.0	2.101	0.0
239	13001	13002	NS	1	0.0	199.442	4.77	0.0	25.579	6.181	0.0	212.044	1.141	0.0	21.012	1.248	0.0	1.382	0.0	0.0	1.748	0.0	0.0	1.811	0.0	0.0	2.101	0.0
240	13001	13002	SN	1	0.0	24.376	7.262	0.0	24.084	8.502	0.0	193.659	4.325	0.0	83.894	5.759	0.0	1.424	0.0	0.0	1.815	0.0	0.0	1.88	0.0	0.0	2.174	0.0
241	13001	13002	NS	1	0.0	220.228	11.648	0.0	29.411	12.478	0.0	355.147	8.04	0.0	13.545	8.595	0.0	1.401	0.0	0.0	1.751	0.0	0.0	1.807	0.0	0.0	2.102	0.0
242	13001	13002	NS	1	0.0	199.442	4.876	0.0	25.579	6.202	0.0	212.044	1.225	0.0	11.493	1.139	0.0	1.382	0.0	0.0	1.748	0.0	0.0	1.811	0.0	0.0	2.101	0.0
243	13001	13002	SN	1	0.0	24.376	7.262	0.0	24.084	8.502	0.0	193.659	4.325	0.0	83.894	5.759	0.0	1.424	0.0	0.0	1.815	0.0	0.0	1.88	0.0	0.0	2.174	0.0
244	13002	13003	SN	1	0.0	28.595	11.942	0.0	27.365	12.33	0.0	158.418	12.286	0.0	82.066	13.361	0.0	1.428	0.0	0.0	1.816	0.0	0.0	1.874	0.0	0.0	2.174	0.0
245	13002	13003	SN	1	0.0	24.387	7.054	0.0	24.084	8.355	0.0	164.694	4.049	0.0	59.893	5.408	0.0	1.436	0.0	0.0	1.814	0.0	0.0	1.88	0.0	0.0	2.173	0.0
246	13002	13003	NS	1	0.0	202.718	5.083	0.0	25.579	6.417	0.0	122.899	1.359	0.0	11.499	1.272	0.0	1.386	0.0	0.0	1.748	0.0	0.0	1.812	0.0	0.0	2.101	0.0
247	13002	13003	SN	1	0.0	28.595	14.423	0.0	25.523	11.358	0.0	158.418	14.916	0.0	16.854	11.93	0.0	1.428	0.0	0.0	1.816	0.0	0.0	1.874	0.0	0.0	2.174	0.0
248	13002	13003	SN	1	0.0	24.387	8.709	0.0	24.084	7.749	0.0	164.694	4.709	0.0	16.771	4.87	0.0	1.436	0.0	0.0	1.814	0.0	0.0	1.88	0.0	0.0	2.173	0.0
249	13002	13003	SN	1	0.0	28.595	12.739	0.0	27.349	12.888	0.0	158.418	12.763	0.0	82.061	14.452	0.0	1.428	0.0	0.0	1.816	0.0	0.0	1.874	0.0	0.0	2.174	0.0
250	13002	13003	NS	1	0.0	202.718	4.87	0.0	25.579	6.231	0.0	122.899	1.196	0.0	22.121	1.311	0.0	1.386	0.0	0.0	1.748	0.0	0.0	1.812	0.0	0.0	2.101	0.0
251	13002	13003	NS	1	0.0	200.087	11.939	0.0	29.395	12.44	0.0	353.007	8.638	0.0	12.993	8.628	0.0	1.402	0.0	0.0	1.752	0.0	0.0	1.806	0.0	0.0	2.102	0.0
252	13002	13003	SN	1	0.0	24.387	6.647	0.0	24.084	7.849	0.0	164.694	4.069	0.0	59.893	4.908	0.0	1.436	0.0	0.0	1.814	0.0	0.0	1.88	0.0	0.0	2.173	0.0
253	13002	13003	NS	1	0.0	200.087	11.489	0.0	29.549	13.227	0.0	353.007	7.663	0.0	41.241	9.495	0.0	1.402	0.0	0.0	1.752	0.0	0.0	1.806	0.0	0.0	2.102	0.0

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

Normal
Deviations
Alarming
High Errors

254	13002	13003	NS	1	0.0	200.087	11.489	0.0	29.544	13.227	0.0	353.007	7.663	0.0	41.247	9.488	0.0	1.402	0.0	0.0	1.752	0.0	0.0	1.806	0.0	0.0	2.102	0.0
255	13002	13003	NS	1	0.0	202.718	4.872	0.0	25.579	6.231	0.0	122.899	1.196	0.0	22.126	1.309	0.0	1.386	0.0	0.0	1.748	0.0	0.0	1.812	0.0	0.0	2.101	0.0
256	13003	13004	NS	1	0.0	19.84	4.815	0.0	25.584	6.187	0.0	262.114	1.111	0.0	20.615	1.303	0.0	1.38	0.0	0.0	1.748	0.0	0.0	1.812	0.0	0.0	2.102	0.0
257	13003	13004	NS	1	0.0	198.857	11.441	0.0	29.593	13.147	0.0	171.001	7.576	0.0	35.963	9.321	0.0	1.4	0.0	0.0	1.752	0.0	0.0	1.808	0.0	0.0	2.103	0.0
258	13003	13004	NS	1	0.0	24.277	11.419	0.0	29.588	13.157	0.0	249.369	7.59	0.0	35.963	9.342	0.0	1.4	0.0	0.0	1.752	0.0	0.0	1.808	0.0	0.0	2.103	0.0
259	13003	13004	NS	1	0.0	19.84	4.808	0.0	25.584	6.191	0.0	262.109	1.109	0.0	20.615	1.303	0.0	1.38	0.0	0.0	1.747	0.0	0.0	1.811	0.0	0.0	2.102	0.0

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

Normal
Alarming
Deviations
High Errors