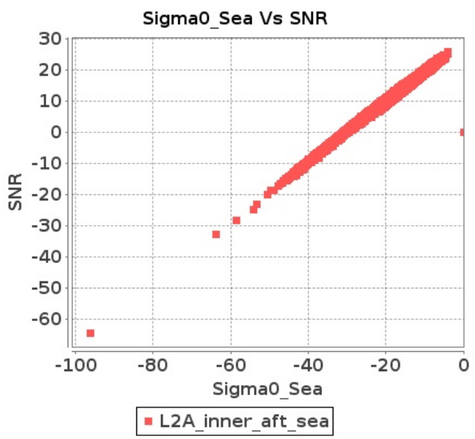
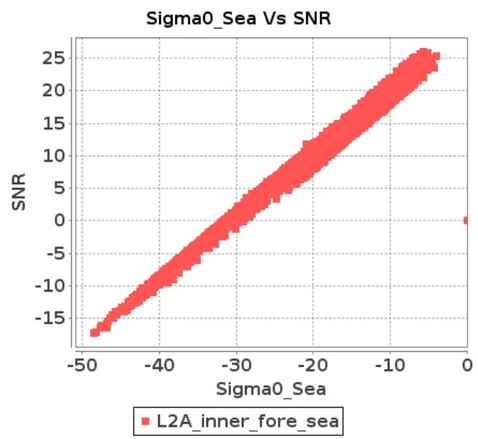
SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 03-JAN-2019 To 04-JAN-2019

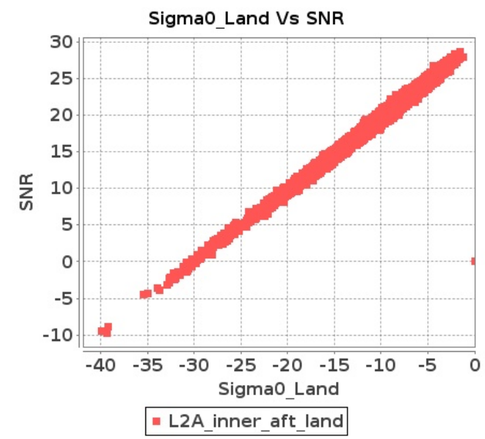
Inner Sea Aft Sigma0VsSNR



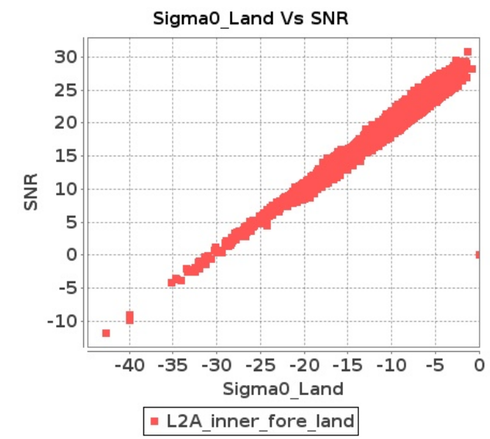
Inner Sea Fore Sigma0VsSNR



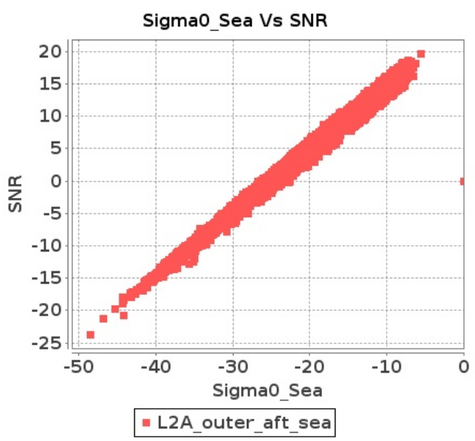
Inner Land Aft Sigma0VsSNR



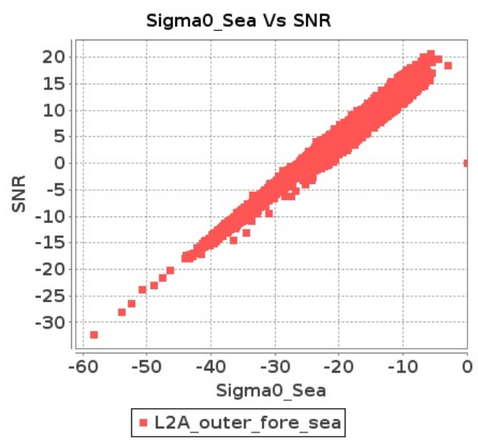
Inner Land Fore Sigma0VsSNR



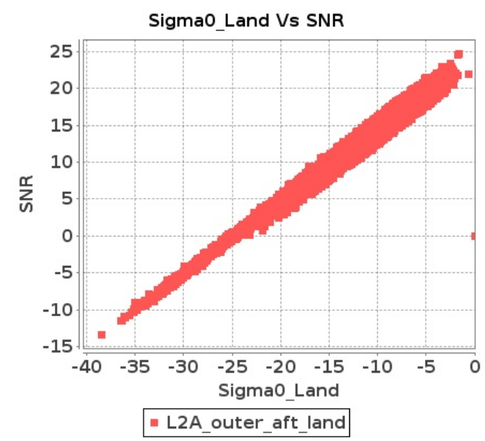
Outer Sea Aft Sigma0VsSNR



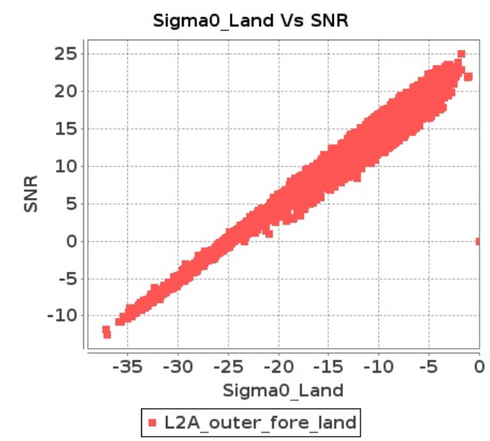
Outer Sea Fore Sigma0VsSNR



Outer Land Aft Sigma0VsSNR



Outer Land Fore Sigma0VsSNR



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

Report between 03-JAN-2019 To 04-JAN-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	12017	12018	SN	1	0.0	50.554	2.215	0.0	47.609	3.17	0.0	42.242	2.085	0.0	47.044	2.967	0.0	49.76	2.235	0.0	49.27	2.781	0.0	41.882	2.05	0.0	47.032	2.702
2	12017	12018	SN	1	0.0	43.509	0.579	0.0	42.253	0.706	0.0	41.891	0.551	0.0	37.519	0.941	0.0	42.681	0.545	0.0	42.002	0.672	0.0	41.867	0.521	0.0	37.034	0.757
3	12017	12018	SN	1	0.0	50.554	2.328	0.0	47.609	3.321	0.0	42.242	2.134	0.0	47.044	3.112	0.0	49.76	2.338	0.0	49.27	2.912	0.0	41.882	2.111	0.0	47.032	2.818
4	12017	12018	SN	1	0.0	43.509	0.609	0.0	42.253	0.74	0.0	41.891	0.574	0.0	37.519	0.976	0.0	42.681	0.573	0.0	42.002	0.704	0.0	41.867	0.538	0.0	37.034	0.785
5	12017	12018	SN	1	0.0	50.554	2.215	0.0	47.609	3.17	0.0	42.242	2.085	0.0	47.044	2.967	0.0	49.76	2.235	0.0	49.27	2.781	0.0	41.882	2.05	0.0	47.032	2.702
6	12017	12018	SN	1	0.0	43.509	0.579	0.0	42.253	0.706	0.0	41.891	0.551	0.0	37.519	0.941	0.0	42.681	0.545	0.0	42.002	0.672	0.0	41.867	0.521	0.0	37.034	0.757
7	12018	12019	NS	1	0.0	45.624	2.337	0.0	50.723	2.753	0.0	42.751	1.9	0.0	52.152	3.113	0.0	43.942	2.296	0.0	50.69	2.45	0.0	40.887	1.673	0.0	49.597	2.248
8	12018	12019	NS	1	0.0	49.216	2.296	0.0	51.444	2.753	0.0	42.159	1.872	0.0	51.045	3.057	0.0	50.685	2.276	0.0	51.412	2.44	0.0	41.089	1.751	0.0	48.49	2.255
9	12018	12019	SN	1	0.0	40.338	0.722	0.0	40.233	1.138	0.0	48.274	0.741	0.0	38.472	1.085	0.0	40.314	0.713	0.0	38.541	1.029	0.0	47.767	0.7	0.0	35.135	0.939
10	12018	12019	SN	1	0.0	47.241	2.814	0.0	49.73	3.706	0.0	44.656	2.74	0.0	41.723	3.36	0.0	47.576	2.936	0.0	49.779	3.533	0.0	43.754	2.633	0.0	40.965	3.096
11	12018	12019	SN	1	0.0	47.241	2.814	0.0	49.73	3.706	0.0	45.712	2.74	0.0	41.723	3.36	0.0	47.576	2.936	0.0	49.779	3.533	0.0	44.811	2.633	0.0	40.965	3.096
12	12018	12019	SN	1	0.0	40.338	0.722	0.0	40.233	1.138	0.0	48.274	0.741	0.0	38.472	1.086	0.0	40.314	0.713	0.0	38.541	1.029	0.0	47.767	0.7	0.0	35.135	0.94
13	12018	12019	NS	1	0.0	53.337	0.559	0.0	46.379	0.735	0.0	42.314	0.571	0.0	44.286	0.944	0.0	54.582	0.554	0.0	44.988	0.606	0.0	40.723	0.479	0.0	46.594	0.703
14	12018	12019	NS	1	0.0	49.371	0.577	0.0	44.263	0.708	0.0	38.117	0.54	0.0	45.356	0.963	0.0	47.977	0.572	0.0	44.911	0.595	0.0	36.525	0.478	0.0	45.775	0.676
15	12019	12020	SN	1	0.0	40.632	0.545	0.0	42.171	0.756	0.0	43.183	0.626	0.0	40.123	0.937	0.0	40.211	0.554	0.0	39.133	0.719	0.0	40.618	0.566	0.0	39.329	0.842
16	12019	12020	SN	1	0.0	40.632	0.538	0.0	42.171	0.747	0.0	43.183	0.618	0.0	40.123	0.932	0.0	40.211	0.547	0.0	39.133	0.711	0.0	40.618	0.559	0.0	39.329	0.834
17	12019	12020	NS	1	0.0	46.489	0.73	0.0	40.828	1.043	0.0	40.412	0.87	0.0	44.95	1.241	0.0	44.453	0.766	0.0	39.636	1.007	0.0	38.987	0.833	0.0	40.905	1.064
18	12019	12020	SN	1	0.0	44.648	1.912	0.0	40.898	2.185	0.0	37.62	1.988	0.0	37.055	2.707	0.0	44.511	1.912	0.0	41.872	2.03	0.0	39.906	1.801	0.0	36.714	2.235
19	12019	12020	SN	1	0.0	48.438	2.015	0.0	41.003	2.154	0.0	40.944	1.995	0.0	40.832	2.714	0.0	48.205	1.964	0.0	41.199	2.009	0.0	40.382	1.822	0.0	39.762	2.243
20	12019	12020	SN	1	0.0	48.438	1.99	0.0	41.003	2.127	0.0	40.944	1.963	0.0	40.832	2.694	0.0	48.205	1.94	0.0	41.199	1.983	0.0	40.382	1.8	0.0	39.762	2.214
21	12019	12020	NS	1	0.0	50.035	2.228	0.0	43.37	3.056	0.0	41.246	2.823	0.0	42.696	3.623	0.0	49.038	2.198	0.0	43.94	2.874	0.0	41.434	2.767	0.0	40.429	3.127
22	12019	12020	SN	1	0.0	40.562	0.55	0.0	42.171	0.76	0.0	39.348	0.622	0.0	40.138	0.952	0.0	41.023	0.554	0.0	39.135	0.714	0.0	36.785	0.583	0.0	39.249	0.827
23	12020	12021	SN	1	0.0	42.091	0.76	0.0	37.708	1.134	0.0	35.16	0.995	0.0	42.12	1.507	0.0	40.259	0.7	0.0	34.47	1.06	0.0	34.347	0.865	0.0	43.345	1.275
24	12020	12021	NS	1	0.0	52.183	6.187	0.0	50.622	8.589	0.0	45.842	5.511	0.0	48.282	7.049	0.0	53.52	6.42	0.0	49.749	8.721	0.0	46.547	5.844	0.0	47.005	7.184
25	12020	12021	SN	1	0.0	42.091	0.746	0.0	37.708	1.114	0.0	35.16	0.975	0.0	42.12	1.489	0.0	40.259	0.688	0.0	34.47	1.041	0.0	34.347	0.847	0.0	43.345	1.256
26	12020	12021	NS	1	0.0	48.235	1.798	0.0	51.594	2.58	0.0	39.801	1.595	0.0	40.149	2.364	0.0	49.48	1.848	0.0	50.983	2.648	0.0	41.549	1.641	0.0	39.188	2.341
27	12020	12021	SN	1	0.0	42.12	2.569	0.0	39.625	3.259	0.0	42.1	3.087	0.0	40.217	4.231	0.0	41.096	2.498	0.0	37.423	2.933	0.0	41.807	2.859	0.0	38.788	3.732
28	12020	12021	SN	1	0.0	41.636	0.769	0.0	40.991	1.102	0.0	37.374	0.968	0.0	43.921	1.496	0.0	39.806	0.712	0.0	39.107	1.014	0.0	37.984	0.844	0.0	39.817	1.261
29	12020	12021	SN	1	0.0	39.554	2.589	0.0	40.715	3.157	0.0	43.505	3.03	0.0	40.889	4.138	0.0	38.529	2.569	0.0	37.887	2.912	0.0	41.977	2.859	0.0	39.374	3.739
30	12020	12021	SN	1	0.0	39.554	2.637	0.0	40.715	3.214	0.0	39.209	3.088	0.0	40.889	4.192	0.0	38.529	2.617	0.0	37.887	2.965	0.0	40.819	2.928	0.0	39.374	3.771
31	12021	12022	SN	1	0.0	39.804	0.939	0.0	37.512	1.071	0.0	41.859	1.027	0.0	37.945	1.646	0.0	40.371	0.887	0.0	38.52	0.946	0.0	39.329	0.961	0.0	36.984	1.313

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Alarming
Deviations
High Errors

32	12021	12022	SN	1	0.0	43.161	2.887	0.0	44.841	3.434	0.0	37.001	3.138	0.0	39.56	4.567	0.0	43.891	2.846	0.0	42.157	3.067	0.0	36.475	3.081	0.0	40.434	3.846
33	12021	12022	NS	1	0.0	47.123	3.058	0.0	52.977	3.762	0.0	45.378	2.667	0.0	49.558	3.375	0.0	46.797	3.109	0.0	51.601	3.62	0.0	46.589	2.546	0.0	44.081	2.963
34	12021	12022	SN	1	0.0	43.161	2.963	0.0	44.841	3.533	0.0	46.331	3.191	0.0	39.56	4.685	0.0	43.891	2.942	0.0	42.157	3.155	0.0	42.686	3.147	0.0	40.434	3.965
35	12021	12022	NS	1	0.0	48.03	0.649	0.0	47.759	0.926	0.0	37.535	0.665	0.0	40.534	0.974	0.0	47.394	0.64	0.0	45.55	0.884	0.0	36.183	0.635	0.0	42.073	0.834
36	12021	12022	SN	1	0.0	39.804	0.972	0.0	37.512	1.101	0.0	41.859	1.049	0.0	37.945	1.689	0.0	40.371	0.918	0.0	38.52	0.973	0.0	39.329	0.965	0.0	36.984	1.351
37	12021	12022	SN	1	0.0	40.451	0.93	0.0	35.712	1.077	0.0	41.467	1.019	0.0	36.297	1.625	0.0	39.999	0.894	0.0	36.221	0.948	0.0	40.926	0.959	0.0	37.405	1.327
38	12021	12022	NS	1	0.0	52.074	0.627	0.0	46.763	0.924	0.0	37.527	0.674	0.0	42.323	1.049	0.0	52.842	0.631	0.0	47.964	0.859	0.0	36.405	0.623	0.0	41.073	0.858
39	12021	12022	SN	1	0.0	42.392	2.988	0.0	42.505	3.413	0.0	37.201	3.266	0.0	38.264	4.438	0.0	43.123	2.907	0.0	41.557	3.036	0.0	37.518	3.103	0.0	39.219	3.846
40	12021	12022	NS	1	0.0	57.395	2.884	0.0	52.613	3.795	0.0	45.321	2.418	0.0	47.773	3.368	0.0	58.031	2.864	0.0	51.867	3.683	0.0	47.563	2.425	0.0	42.995	2.964
41	12022	12023	NS	1	0.0	42.626	1.081	0.0	52.708	1.321	0.0	37.301	1.168	0.0	43.837	1.489	0.0	43.451	1.09	0.0	52.679	1.204	0.0	38.675	1.125	0.0	43.833	1.254
42	12022	12023	SN	1	0.0	45.997	2.488	0.0	48.822	3.691	0.0	37.77	2.852	0.0	40.459	3.869	0.0	46.951	2.488	0.0	47.919	3.499	0.0	35.86	2.815	0.0	45.576	3.571
43	12022	12023	SN	1	0.0	45.997	2.378	0.0	48.822	3.531	0.0	37.77	2.723	0.0	40.459	3.722	0.0	46.951	2.378	0.0	47.919	3.348	0.0	37.07	2.709	0.0	45.576	3.422
44	12022	12023	SN	1	0.0	45.997	2.378	0.0	48.822	3.531	0.0	37.77	2.723	0.0	40.459	3.722	0.0	46.951	2.378	0.0	47.919	3.348	0.0	37.07	2.709	0.0	45.576	3.422
45	12022	12023	NS	1	0.0	50.93	3.573	0.0	51.048	4.301	0.0	44.4	3.609	0.0	44.487	4.58	0.0	52.028	3.633	0.0	51.66	4.088	0.0	44.786	3.673	0.0	42.812	4.048
46	12022	12023	NS	1	0.0	47.709	3.733	0.0	53.819	4.404	0.0	45.046	3.942	0.0	49.532	4.667	0.0	46.652	3.612	0.0	52.64	4.141	0.0	43.623	3.9	0.0	45.239	4.376
47	12022	12023	SN	1	0.0	38.998	0.657	0.0	37.956	1.029	0.0	42.787	0.879	0.0	44.332	1.324	0.0	38.292	0.643	0.0	39.065	0.972	0.0	43.799	0.834	0.0	42.642	1.168
48	12022	12023	SN	1	0.0	38.998	0.628	0.0	37.956	0.985	0.0	36.959	0.834	0.0	44.332	1.272	0.0	38.292	0.612	0.0	39.065	0.93	0.0	36.564	0.788	0.0	42.642	1.115
49	12022	12023	SN	1	0.0	38.998	0.628	0.0	37.956	0.985	0.0	36.959	0.834	0.0	44.332	1.272	0.0	38.292	0.612	0.0	39.065	0.93	0.0	36.564	0.788	0.0	42.642	1.115
50	12022	12023	NS	1	0.0	45.155	1.104	0.0	41.696	1.337	0.0	42.515	1.179	0.0	44.86	1.535	0.0	46.569	1.12	0.0	44.377	1.229	0.0	42.733	1.161	0.0	42.812	1.266
51	12023	12024	SN	1	0.0	41.071	0.667	0.0	37.521	0.989	0.0	40.341	0.742	0.0	41.944	1.075	0.0	40.338	0.659	0.0	37.051	0.812	0.0	39.604	0.708	0.0	41.707	0.884
52	12023	12024	SN	1	0.0	41.269	0.676	0.0	37.519	1.001	0.0	40.097	0.738	0.0	41.928	1.068	0.0	40.536	0.669	0.0	37.049	0.817	0.0	39.358	0.702	0.0	41.691	0.892
53	12023	12024	SN	1	0.0	40.352	3.361	0.0	51.896	3.824	0.0	44.745	2.622	0.0	39.973	3.509	0.0	40.68	3.415	0.0	49.768	3.267	0.0	42.803	2.5	0.0	38.819	2.927
54	12023	12024	NS	1	0.0	42.739	1.534	0.0	44.868	2.214	0.0	37.745	1.671	0.0	44.34	2.121	0.0	42.332	1.502	0.0	44.238	2.078	0.0	37.106	1.602	0.0	46.763	1.93
55	12023	12024	SN	1	0.0	40.344	3.318	0.0	51.896	3.824	0.0	45.556	2.568	0.0	39.944	3.478	0.0	40.673	3.361	0.0	49.768	3.267	0.0	43.613	2.47	0.0	38.814	2.904
56	12023	12024	NS	1	0.0	46.746	5.388	0.0	51.193	7.324	0.0	47.935	5.561	0.0	47.631	6.466	0.0	47.003	5.267	0.0	50.173	6.95	0.0	46.03	5.39	0.0	46.763	6.126
57	12023	12024	NS	1	0.0	46.418	5.679	0.0	48.715	7.323	0.0	48.744	5.27	0.0	46.217	6.482	0.0	47.003	5.709	0.0	48.346	6.847	0.0	46.841	5.149	0.0	45.738	5.915
58	12023	12024	NS	1	0.0	46.498	1.553	0.0	49.693	2.244	0.0	42.807	1.571	0.0	42.908	2.117	0.0	46.108	1.528	0.0	50.142	2.085	0.0	41.796	1.527	0.0	39.099	1.901
59	12025	12026	SN	1	0.0	42.843	0.778	0.0	40.552	0.978	0.0	40.041	0.707	0.0	44.15	0.937	0.0	44.28	0.76	0.0	39.853	0.887	0.0	39.078	0.661	0.0	41.613	0.762
60	12025	12026	NS	1	0.0	43.455	0.708	0.0	45.073	1.084	0.0	43.078	0.667	0.0	42.87	1.072	0.0	45.343	0.732	0.0	44.167	0.933	0.0	41.691	0.614	0.0	40.403	0.825
61	12025	12026	NS	1	0.0	48.415	2.713	0.0	49.052	4.067	0.0	48.805	2.39	0.0	45.584	3.232	0.0	48.629	2.804	0.0	48.613	3.814	0.0	46.113	2.255	0.0	42.57	2.8
62	12025	12026	SN	1	0.0	50.158	3.524	0.0	43.367	3.615	0.0	52.106	2.874	0.0	47.649	3.403	0.0	51.948	3.534	0.0	44.26	3.381	0.0	50.263	2.596	0.0	47.263	2.719
63	12026	12027	NS	1	0.0	44.512	0.973	0.0	46.955	1.231	0.0	35.163	1.056	0.0	42.99	1.604	0.0	45.469	0.998	0.0	47.257	1.168	0.0	37.038	0.959	0.0	42.565	1.414
64	12026	12027	NS	1	0.0	45.638	3.42	0.0	52.202	3.501	0.0	46.125	3.347	0.0	45.081	4.694	0.0	46.501	3.349	0.0	52.747	3.39	0.0	46.223	3.234	0.0	44.383	4.041
65	12027	12028	SN	1	0.0	47.629	1.221	0.0	47.21	1.426	0.0	44.27	1.17	0.0	45.29	1.688	0.0	47.517	1.205	0.0	45.647	1.281	0.0	44.636	1.14	0.0	41.848	1.483
66	12027	12028	NS	1	0.0	40.451	0.52	0.0	42.04	0.782	0.0	39.496	0.681	0.0	39.9	1.018	0.0	40.444	0.545	0.0	41.741	0.748	0.0	38.415	0.649	0.0	36.227	0.908
67	12027	12028	SN	1	0.0	46.955	5.077	0.0	48.628	5.872	0.0	44.06	4.402	0.0	46.894	5.277	0.0	47.082	5.077	0.0	49.844	5.434	0.0	42.88	4.388	0.0	49.501	4.678

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Alarming
Deviations
High Errors

68	12027	12028	NS	1	0.0	44.908	1.659	0.0	59.038	2.408	0.0	36.805	2.056	0.0	42.343	3.134	0.0	45.309	1.67	0.0	55.806	2.176	0.0	37.408	1.964	0.0	41.353	2.864
69	12028	12029	NS	1	0.0	41.416	3.331	0.0	45.717	4.729	0.0	38.13	3.68	0.0	52.391	5.071	0.0	42.008	3.361	0.0	46.595	4.232	0.0	37.093	3.588	0.0	49.809	4.418
70	12028	12029	NS	1	0.0	42.27	0.953	0.0	39.331	1.416	0.0	39.049	1.139	0.0	45.581	1.764	0.0	41.647	0.919	0.0	37.13	1.249	0.0	40.353	1.086	0.0	44.146	1.387
71	12029	12030	SN	1	0.0	50.576	2.801	0.0	47.672	4.026	0.0	41.885	3.391	0.0	40.556	4.198	0.0	50.74	2.75	0.0	46.236	3.872	0.0	40.429	3.249	0.0	39.782	3.782
72	12029	12030	SN	1	0.0	48.828	0.841	0.0	42.804	1.262	0.0	44.325	1.061	0.0	44.8	1.334	0.0	48.962	0.839	0.0	42.862	1.114	0.0	45.008	0.964	0.0	45.802	1.122
73	12029	12030	NS	1	0.0	48.611	4.794	0.0	45.539	5.589	0.0	40.599	3.871	0.0	42.855	5.178	0.0	49.203	4.915	0.0	45.042	5.518	0.0	39.914	3.694	0.0	38.834	4.744
74	12029	12030	SN	1	0.0	50.576	2.801	0.0	47.672	4.026	0.0	41.885	3.391	0.0	40.556	4.198	0.0	50.74	2.75	0.0	46.236	3.872	0.0	40.429	3.249	0.0	39.782	3.782
75	12029	12030	NS	1	0.0	47.621	1.155	0.0	38.997	1.463	0.0	41.993	1.171	0.0	43.158	1.698	0.0	47.687	1.185	0.0	38.097	1.431	0.0	42.875	1.118	0.0	39.733	1.483
76	12029	12030	SN	1	0.0	48.828	0.841	0.0	42.804	1.262	0.0	44.325	1.061	0.0	44.8	1.334	0.0	48.962	0.839	0.0	42.862	1.114	0.0	45.008	0.964	0.0	45.802	1.122
77	12030	12031	SN	1	0.0	40.418	3.765	0.0	41.379	4.507	0.0	38.858	3.967	0.0	35.623	5.659	0.0	39.392	3.847	0.0	38.699	4.334	0.0	40.461	4.01	0.0	39.057	5.438
78	12030	12031	NS	1	0.0	44.9	2.66	0.0	46.501	3.463	0.0	38.853	2.985	0.0	43.033	4.199	0.0	44.225	2.811	0.0	44.013	3.25	0.0	41.11	2.701	0.0	43.306	3.603
79	12030	12031	NS	1	0.0	40.836	0.752	0.0	45.882	1.082	0.0	43.014	0.925	0.0	41.805	1.425	0.0	41.612	0.736	0.0	45.01	0.958	0.0	40.45	0.838	0.0	40.421	1.105
80	12030	12031	NS	1	0.0	52.108	2.64	0.0	46.481	3.382	0.0	39.626	2.921	0.0	42.632	4.17	0.0	51.056	2.771	0.0	43.992	3.25	0.0	42.021	2.723	0.0	42.419	3.475
81	12030	12031	NS	1	0.0	38.591	0.727	0.0	47.335	1.116	0.0	40.451	0.925	0.0	44.206	1.429	0.0	39.371	0.718	0.0	45.764	0.961	0.0	38.474	0.853	0.0	45.954	1.119
82	12030	12031	SN	1	0.0	37.363	1.265	0.0	37.727	1.615	0.0	36.534	1.302	0.0	47.971	2.054	0.0	36.936	1.24	0.0	37.763	1.444	0.0	38.691	1.252	0.0	43.044	1.8
83	12031	12032	SN	1	0.0	44.611	2.965	0.0	48.279	4.224	0.0	46.215	2.724	0.0	44.557	3.524	0.0	44.626	3.026	0.0	48.718	4.163	0.0	47.017	2.717	0.0	42.636	3.409
84	12031	12032	NS	1	0.0	38.726	0.488	0.0	42.266	0.599	0.0	37.283	0.553	0.0	36.337	0.81	0.0	39.317	0.477	0.0	39.414	0.522	0.0	34.729	0.511	0.0	35.942	0.6
85	12032	12033	SN	1	0.0	49.869	4.113	0.0	45.295	5.049	0.0	47.945	3.244	0.0	43.249	4.437	0.0	49.86	4.062	0.0	48.312	4.794	0.0	48.959	3.222	0.0	46.189	3.852
86	12032	12033	SN	1	0.0	46.86	0.961	0.0	47.603	1.354	0.0	42.112	0.895	0.0	46.814	1.277	0.0	47.026	0.952	0.0	46.812	1.229	0.0	42.007	0.844	0.0	43.793	1.111
87	12032	12033	SN	1	0.0	48.478	0.977	0.0	51.371	1.338	0.0	39.758	0.95	0.0	42.146	1.303	0.0	48.645	0.973	0.0	53.698	1.24	0.0	40.605	0.868	0.0	40.177	1.106
88	12032	12033	NS	1	0.0	55.084	5.508	0.0	54.156	7.203	0.0	47.304	4.184	0.0	51.34	5.409	0.0	55.452	5.518	0.0	55.009	6.727	0.0	45.874	3.865	0.0	52.828	4.43
89	12032	12033	SN	1	0.0	51.644	4.113	0.0	46.835	5.11	0.0	41.596	3.144	0.0	41.446	4.429	0.0	51.24	4.092	0.0	48.946	4.855	0.0	43.282	3.18	0.0	44.385	3.93
90	12032	12033	NS	1	0.0	43.958	1.226	0.0	47.737	1.864	0.0	48.669	1.009	0.0	44.394	1.534	0.0	43.835	1.246	0.0	44.45	1.629	0.0	47.254	0.917	0.0	42.286	1.21
91	12033	12034	SN	1	0.0	44.699	0.401	0.0	37.023	0.582	0.0	41.35	0.649	0.0	39.311	0.893	0.0	44.328	0.405	0.0	36.089	0.534	0.0	38.546	0.591	0.0	38.542	0.749
92	12033	12034	SN	1	0.0	41.484	1.346	0.0	38.302	1.748	0.0	49.201	1.98	0.0	43.624	2.774	0.0	42.298	1.336	0.0	40.605	1.522	0.0	50.325	1.872	0.0	44.751	2.414
93	12033	12034	SN	1	0.0	41.484	1.346	0.0	38.302	1.748	0.0	49.201	1.98	0.0	43.624	2.774	0.0	42.298	1.336	0.0	40.605	1.522	0.0	50.325	1.872	0.0	44.751	2.414
94	12033	12034	NS	1	0.0	48.268	2.267	0.0	51.9	3.117	0.0	43.429	2.014	0.0	39.97	2.921	0.0	47.78	2.287	0.0	53.923	2.763	0.0	46.802	1.865	0.0	38.796	2.177
95	12033	12034	NS	1	0.0	48.268	2.256	0.0	51.924	3.086	0.0	43.09	2.014	0.0	39.97	2.942	0.0	47.78	2.256	0.0	53.947	2.773	0.0	46.461	1.879	0.0	38.795	2.226
96	12033	12034	SN	1	0.0	44.699	0.401	0.0	37.023	0.582	0.0	41.35	0.649	0.0	39.311	0.893	0.0	44.328	0.405	0.0	36.089	0.534	0.0	38.546	0.591	0.0	38.542	0.749
97	12033	12034	SN	1	0.0	44.699	0.396	0.0	37.023	0.576	0.0	41.35	0.643	0.0	39.311	0.888	0.0	44.328	0.4	0.0	36.089	0.528	0.0	38.546	0.584	0.0	38.542	0.742
98	12033	12034	NS	1	0.0	50.734	0.599	0.0	52.299	0.816	0.0	45.858	0.679	0.0	46.866	0.924	0.0	51.485	0.601	0.0	49.237	0.694	0.0	43.688	0.596	0.0	45.883	0.685
99	12033	12034	NS	1	0.0	50.734	0.61	0.0	52.299	0.816	0.0	47.159	0.663	0.0	46.868	0.912	0.0	51.485	0.608	0.0	49.237	0.697	0.0	44.987	0.589	0.0	45.885	0.683
100	12034	12035	SN	1	0.0	50.607	2.753	0.0	44.074	3.586	0.0	43.452	3.091	0.0	44.354	4.31	0.0	51.334	2.722	0.0	42.846	3.535	0.0	42.736	3.221	0.0	44.367	4.02
101	12034	12035	SN	1	0.0	39.795	0.758	0.0	44.831	1.106	0.0	37.524	1.093	0.0	39.583	1.652	0.0	40.199	0.742	0.0	46.021	1.032	0.0	37.612	1.013	0.0	37.528	1.403
102	12034	12035	SN	1	0.0	39.795	0.747	0.0	44.831	1.09	0.0	37.524	1.079	0.0	39.583	1.633	0.0	40.198	0.731	0.0	46.021	1.018	0.0	37.612	0.999	0.0	37.528	1.385
103	12034	12035	SN	1	0.0	50.607	2.712	0.0	44.074	3.531	0.0	43.452	3.047	0.0	44.354	4.25	0.0	51.334	2.682	0.0	42.846	3.481	0.0	42.736	3.175	0.0	44.367	3.958

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Alarming
Deviations
High Errors

104	12034	12035	SN	1	0.0	50.607	2.712	0.0	44.074	3.531	0.0	43.452	3.047	0.0	44.354	4.25	0.0	51.334	2.682	0.0	42.846	3.481	0.0	42.736	3.175	0.0	44.367	3.958
105	12034	12035	SN	1	0.0	39.795	0.747	0.0	44.831	1.09	0.0	37.524	1.079	0.0	39.583	1.633	0.0	40.198	0.731	0.0	46.021	1.018	0.0	37.612	0.999	0.0	37.528	1.385
106	12034	12035	NS	1	0.0	45.661	3.622	0.0	52.734	4.918	0.0	49.306	4.9	0.0	46.453	6.161	0.0	47.259	3.572	0.0	50.31	4.685	0.0	46.66	4.737	0.0	45.519	5.785
107	12034	12035	NS	1	0.0	45.52	3.622	0.0	53.115	4.928	0.0	43.577	4.744	0.0	47.539	6.225	0.0	47.116	3.562	0.0	50.689	4.685	0.0	41.712	4.638	0.0	46.605	5.75
108	12034	12035	NS	1	0.0	45.77	1.244	0.0	48.567	1.785	0.0	38.243	1.439	0.0	41.774	2.075	0.0	46.04	1.253	0.0	47.448	1.668	0.0	37.206	1.47	0.0	41.337	1.887
109	12034	12035	NS	1	0.0	50.35	1.28	0.0	50.076	1.776	0.0	40.222	1.456	0.0	38.045	2.083	0.0	50.915	1.309	0.0	48.438	1.677	0.0	39.489	1.465	0.0	38.128	1.903
110	12035	12036	NS	1	0.0	47.689	1.108	0.0	53.452	1.584	0.0	41.009	1.061	0.0	44.116	1.598	0.0	46.579	1.097	0.0	51.841	1.47	0.0	39.044	1.054	0.0	42.29	1.402
111	12035	12036	SN	1	0.0	44.886	2.834	0.0	39.776	3.665	0.0	39.315	3.337	0.0	39.515	4.052	0.0	44.775	2.884	0.0	39.948	3.329	0.0	37.61	3.202	0.0	38.826	3.717
112	12035	12036	SN	1	0.0	44.886	2.912	0.0	39.776	3.751	0.0	39.315	3.44	0.0	42.406	4.133	0.0	44.775	2.964	0.0	39.948	3.407	0.0	37.61	3.272	0.0	41.003	3.783
113	12035	12036	NS	1	0.0	47.689	1.097	0.0	53.457	1.584	0.0	41.011	1.06	0.0	44.119	1.596	0.0	46.579	1.09	0.0	51.841	1.465	0.0	39.044	1.054	0.0	42.291	1.409
114	12035	12036	SN	1	0.0	40.465	0.744	0.0	38.709	1.107	0.0	35.952	1.009	0.0	38.653	1.494	0.0	39.004	0.717	0.0	37.051	0.973	0.0	34.554	0.922	0.0	38.834	1.275
115	12035	12036	SN	1	0.0	40.465	0.744	0.0	38.709	1.12	0.0	35.593	1.022	0.0	38.653	1.501	0.0	39.004	0.728	0.0	37.051	0.973	0.0	34.227	0.929	0.0	38.834	1.288
116	12035	12036	NS	1	0.0	53.143	4.381	0.0	55.638	6.09	0.0	43.024	3.822	0.0	49.103	5.29	0.0	52.917	4.401	0.0	53.887	5.564	0.0	41.306	3.68	0.0	48.543	4.772
117	12035	12036	NS	1	0.0	53.143	4.361	0.0	55.633	6.11	0.0	43.024	3.822	0.0	49.106	5.269	0.0	52.917	4.391	0.0	53.881	5.564	0.0	41.306	3.666	0.0	48.55	4.751
118	12035	12036	SN	1	0.0	44.886	2.844	0.0	39.776	3.665	0.0	39.315	3.295	0.0	42.406	4.073	0.0	44.775	2.895	0.0	39.948	3.329	0.0	37.61	3.181	0.0	41.003	3.702
119	12035	12036	SN	1	0.0	40.465	0.76	0.0	38.709	1.145	0.0	36.062	1.061	0.0	39.184	1.529	0.0	39.004	0.746	0.0	37.051	0.994	0.0	34.227	0.961	0.0	38.834	1.309
120	12036	12037	SN	1	0.0	53.905	2.233	0.0	41.057	3.216	0.0	40.613	3.358	0.0	37.62	4.412	0.0	52.896	2.243	0.0	40.971	3.12	0.0	37.604	3.55	0.0	37.104	4.345
121	12036	12037	SN	1	0.0	44.617	0.805	0.0	36.617	1.055	0.0	37.943	0.958	0.0	40.74	1.325	0.0	45.545	0.817	0.0	35.323	1.044	0.0	36.863	0.94	0.0	37.847	1.285
122	12036	12037	NS	1	0.0	48.577	2.065	0.0	51.941	2.805	0.0	41.952	2.546	0.0	50.011	4.07	0.0	48.26	2.014	0.0	52.205	2.663	0.0	42.82	2.397	0.0	47.216	3.248
123	12036	12037	SN	1	0.0	44.617	0.805	0.0	36.617	1.055	0.0	37.943	0.954	0.0	40.74	1.334	0.0	45.545	0.817	0.0	35.323	1.044	0.0	36.863	0.938	0.0	37.847	1.283
124	12036	12037	NS	1	0.0	41.245	0.558	0.0	42.754	0.824	0.0	44.543	0.744	0.0	42.7	1.178	0.0	41.422	0.54	0.0	41.877	0.729	0.0	41.706	0.7	0.0	42.728	0.919
125	12036	12037	SN	1	0.0	53.905	2.153	0.0	41.057	3.101	0.0	40.613	3.259	0.0	37.62	4.259	0.0	52.896	2.163	0.0	40.971	3.019	0.0	37.604	3.437	0.0	37.104	4.202
126	12036	12037	SN	1	0.0	53.905	2.153	0.0	41.057	3.101	0.0	40.613	3.274	0.0	37.62	4.266	0.0	52.896	2.163	0.0	40.971	3.009	0.0	37.604	3.43	0.0	37.104	4.202
127	12036	12037	NS	1	0.0	41.13	0.56	0.0	42.742	0.822	0.0	44.541	0.741	0.0	43.092	1.178	0.0	41.308	0.542	0.0	41.864	0.723	0.0	41.704	0.693	0.0	43.335	0.916
128	12036	12037	NS	1	0.0	48.563	2.075	0.0	51.798	2.825	0.0	41.808	2.525	0.0	49.523	4.063	0.0	48.247	2.014	0.0	52.062	2.683	0.0	42.798	2.376	0.0	46.514	3.234
129	12036	12037	SN	1	0.0	44.617	0.835	0.0	36.617	1.093	0.0	37.943	0.982	0.0	40.74	1.372	0.0	45.545	0.847	0.0	35.323	1.081	0.0	36.863	0.971	0.0	37.847	1.33
130	12037	12038	NS	1	0.0	52.938	4.495	0.0	46.945	5.311	0.0	45.443	4.751	0.0	46.002	5.926	0.0	52.865	4.343	0.0	48.707	4.825	0.0	45.598	4.51	0.0	43.579	5.196
131	12037	12038	SN	1	0.0	45.746	1.05	0.0	49.973	1.202	0.0	38.525	1.034	0.0	44.752	1.319	0.0	46.155	1.04	0.0	50.956	1.134	0.0	39.981	0.979	0.0	42.272	1.138
132	12037	12038	NS	1	0.0	52.895	4.546	0.0	47.064	5.291	0.0	45.852	4.723	0.0	45.496	5.884	0.0	52.821	4.404	0.0	48.713	4.815	0.0	46.008	4.454	0.0	43.076	5.161
133	12037	12038	SN	1	0.0	48.413	4.132	0.0	52.677	4.723	0.0	43.39	3.485	0.0	43.568	4.044	0.0	49.55	4.051	0.0	52.613	4.539	0.0	41.699	3.35	0.0	41.209	3.694
134	12037	12038	SN	1	0.0	45.746	1.11	0.0	49.973	1.268	0.0	38.525	1.09	0.0	44.752	1.381	0.0	46.155	1.101	0.0	50.956	1.196	0.0	39.981	1.032	0.0	42.272	1.199
135	12037	12038	NS	1	0.0	43.853	1.296	0.0	48.639	1.69	0.0	36.744	1.377	0.0	45.197	1.992	0.0	42.77	1.242	0.0	46.06	1.49	0.0	40.264	1.269	0.0	41.453	1.656
136	12037	12038	NS	1	0.0	43.853	1.296	0.0	51.0	1.69	0.0	36.209	1.384	0.0	44.844	1.987	0.0	42.77	1.244	0.0	48.42	1.474	0.0	37.981	1.267	0.0	41.422	1.654
137	12038	12039	NS	1	0.0	46.529	1.118	0.0	45.774	1.688	0.0	35.443	1.204	0.0	44.62	1.959	0.0	47.106	1.111	0.0	45.325	1.568	0.0	36.123	1.127	0.0	41.791	1.66
138	12038	12039	SN	1	0.0	47.669	3.9	0.0	53.29	4.499	0.0	47.532	2.952	0.0	45.892	3.908	0.0	48.779	3.92	0.0	50.448	4.132	0.0	47.725	2.781	0.0	43.121	3.388
139	12038	12039	NS	1	0.0	47.055	4.566	0.0	52.326	5.685	0.0	44.349	4.085	0.0	44.75	5.728	0.0	46.896	4.576	0.0	55.96	5.271	0.0	44.108	3.908	0.0	41.058	5.012

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Deviations
Alarming
High Errors

140	12038	12039	NS	1	0.0	56.108	4.556	0.0	52.247	5.635	0.0	44.6	4.092	0.0	44.775	5.728	0.0	55.507	4.566	0.0	55.881	5.271	0.0	44.359	3.936	0.0	41.083	4.983
141	12038	12039	SN	1	0.0	47.669	3.9	0.0	53.29	4.509	0.0	47.532	2.952	0.0	45.892	3.908	0.0	48.779	3.92	0.0	50.448	4.122	0.0	47.725	2.781	0.0	43.121	3.388
142	12038	12039	SN	1	0.0	47.669	4.181	0.0	53.29	4.714	0.0	47.532	3.186	0.0	45.892	4.053	0.0	48.779	4.214	0.0	50.448	4.33	0.0	47.725	3.001	0.0	43.121	3.529
143	12038	12039	NS	1	0.0	47.289	1.102	0.0	45.787	1.679	0.0	36.138	1.209	0.0	44.597	1.964	0.0	47.867	1.095	0.0	45.336	1.568	0.0	36.389	1.113	0.0	41.769	1.663
144	12038	12039	SN	1	0.0	38.873	0.954	0.0	50.463	1.111	0.0	39.665	0.832	0.0	47.032	1.089	0.0	38.644	0.917	0.0	51.583	0.996	0.0	40.927	0.815	0.0	47.205	0.939
145	12038	12039	SN	1	0.0	38.873	0.887	0.0	50.463	1.063	0.0	39.665	0.778	0.0	47.032	1.047	0.0	38.644	0.851	0.0	51.583	0.95	0.0	40.927	0.764	0.0	47.205	0.896
146	12039	12040	SN	1	0.0	48.362	4.465	0.0	45.016	4.745	0.0	42.397	3.623	0.0	48.808	3.969	0.0	48.813	4.453	0.0	45.95	4.574	0.0	43.251	3.496	0.0	49.059	3.418
147	12039	12040	SN	1	0.0	51.398	1.006	0.0	45.391	1.17	0.0	37.294	0.872	0.0	50.794	1.132	0.0	52.075	0.97	0.0	45.319	1.115	0.0	37.243	0.783	0.0	47.293	0.933
148	12039	12040	SN	1	0.0	51.014	0.986	0.0	45.364	1.172	0.0	37.442	0.886	0.0	49.099	1.139	0.0	51.692	0.954	0.0	45.293	1.113	0.0	37.392	0.778	0.0	45.597	0.942
149	12039	12040	NS	1	0.0	44.68	0.86	0.0	50.375	1.183	0.0	47.02	0.93	0.0	49.979	1.381	0.0	46.595	0.894	0.0	46.789	1.147	0.0	47.72	0.939	0.0	48.66	1.211
150	12039	12040	NS	1	0.0	44.015	3.331	0.0	55.543	3.867	0.0	45.346	3.227	0.0	46.529	4.091	0.0	44.103	3.463	0.0	55.821	3.907	0.0	44.781	3.114	0.0	46.304	3.814
151	12039	12040	NS	1	0.0	43.983	3.362	0.0	55.54	3.867	0.0	48.198	3.156	0.0	45.491	4.112	0.0	44.071	3.503	0.0	55.816	3.857	0.0	47.038	3.014	0.0	46.174	3.807
152	12039	12040	SN	1	0.0	48.362	4.417	0.0	45.016	5.169	0.0	42.397	3.485	0.0	48.808	4.175	0.0	48.813	4.427	0.0	45.95	4.914	0.0	43.251	3.342	0.0	49.059	3.595
153	12039	12040	SN	1	0.0	51.398	1.04	0.0	45.391	1.168	0.0	37.294	0.925	0.0	50.794	1.088	0.0	52.075	1.015	0.0	45.319	1.102	0.0	37.243	0.828	0.0	47.293	0.899
154	12039	12040	SN	1	0.0	48.95	4.386	0.0	44.99	5.138	0.0	42.423	3.477	0.0	48.967	4.111	0.0	49.296	4.386	0.0	45.924	4.893	0.0	43.303	3.335	0.0	49.22	3.588
155	12040	12041	NS	1	0.0	52.893	1.221	0.0	46.427	1.648	0.0	45.188	1.106	0.0	46.947	1.765	0.0	52.735	1.214	0.0	49.543	1.479	0.0	43.895	1.06	0.0	47.228	1.404
156	12040	12041	NS	1	0.0	54.598	4.199	0.0	49.561	5.121	0.0	47.187	3.836	0.0	46.023	5.289	0.0	54.266	4.199	0.0	50.169	4.645	0.0	45.281	3.708	0.0	46.22	4.367
157	12040	12041	NS	1	0.0	55.491	4.219	0.0	50.359	5.161	0.0	42.547	3.836	0.0	46.04	5.296	0.0	55.154	4.229	0.0	50.169	4.655	0.0	44.434	3.751	0.0	46.239	4.36
158	12040	12041	SN	1	0.0	42.474	0.749	0.0	40.94	0.907	0.0	37.553	0.801	0.0	37.247	1.132	0.0	43.411	0.735	0.0	41.859	0.843	0.0	36.25	0.758	0.0	39.597	0.965
159	12040	12041	NS	1	0.0	53.788	1.228	0.0	46.102	1.614	0.0	39.534	1.106	0.0	46.947	1.756	0.0	53.63	1.203	0.0	47.283	1.47	0.0	40.966	1.044	0.0	47.228	1.381
160	12040	12041	SN	1	0.0	42.697	2.914	0.0	48.599	3.583	0.0	44.315	2.831	0.0	42.346	3.273	0.0	42.435	2.904	0.0	48.713	3.359	0.0	43.17	2.802	0.0	41.738	2.867
161	12041	12042	SN	1	0.0	58.084	7.028	0.0	51.984	7.789	0.0	47.886	5.096	0.0	48.01	6.085	0.0	58.575	6.977	0.0	51.004	7.442	0.0	47.115	5.267	0.0	45.102	5.935
162	12041	12042	NS	1	0.0	49.416	2.478	0.0	52.513	3.554	0.0	42.222	2.524	0.0	49.651	4.128	0.0	50.54	2.467	0.0	54.028	3.361	0.0	39.673	2.389	0.0	50.245	3.561
163	12041	12042	SN	1	0.0	38.574	1.554	0.0	46.422	1.894	0.0	43.025	1.466	0.0	38.127	1.914	0.0	40.358	1.52	0.0	44.254	1.796	0.0	41.117	1.501	0.0	37.866	1.726
164	12041	12042	NS	1	0.0	45.862	0.622	0.0	45.998	1.121	0.0	35.982	0.766	0.0	49.804	1.425	0.0	45.668	0.642	0.0	48.809	1.08	0.0	36.455	0.711	0.0	50.139	1.158
165	12041	12042	NS	1	0.0	47.38	2.518	0.0	53.467	3.564	0.0	43.751	2.446	0.0	49.134	4.114	0.0	49.237	2.538	0.0	56.161	3.422	0.0	41.201	2.276	0.0	50.347	3.504
166	12041	12042	NS	1	0.0	46.11	0.615	0.0	46.478	1.136	0.0	35.558	0.782	0.0	51.445	1.436	0.0	45.914	0.642	0.0	48.448	1.053	0.0	37.429	0.723	0.0	51.022	1.14
167	12042	12043	SN	1	0.0	53.74	5.069	0.0	49.038	6.117	0.0	42.697	4.996	0.0	47.934	5.545	0.0	54.798	5.242	0.0	49.43	5.852	0.0	44.524	5.088	0.0	48.435	5.388
168	12042	12043	NS	1	0.0	49.393	2.337	0.0	48.758	3.779	0.0	40.528	2.901	0.0	36.932	3.746	0.0	49.902	2.522	0.0	49.323	3.831	0.0	40.536	2.649	0.0	38.25	3.255
169	12042	12043	NS	1	0.0	49.393	2.488	0.0	48.758	3.722	0.0	40.528	3.005	0.0	41.164	3.736	0.0	49.902	2.69	0.0	49.323	3.712	0.0	40.536	2.722	0.0	38.947	3.197
170	12042	12043	NS	1	0.0	45.205	0.673	0.0	47.411	1.048	0.0	44.66	0.927	0.0	37.936	1.352	0.0	46.03	0.698	0.0	47.616	0.951	0.0	42.439	0.837	0.0	36.606	1.134
171	12042	12043	SN	1	0.0	44.634	1.464	0.0	47.267	1.838	0.0	42.181	1.456	0.0	41.624	1.764	0.0	46.071	1.486	0.0	46.369	1.749	0.0	41.707	1.449	0.0	40.101	1.675
172	12042	12043	SN	1	0.0	44.634	1.45	0.0	47.267	1.822	0.0	43.311	1.446	0.0	42.312	1.748	0.0	46.071	1.482	0.0	46.369	1.758	0.0	41.707	1.433	0.0	40.766	1.664
173	12042	12043	NS	1	0.0	45.205	0.631	0.0	47.411	1.068	0.0	44.66	0.931	0.0	37.936	1.366	0.0	46.03	0.649	0.0	47.616	0.967	0.0	42.439	0.855	0.0	36.606	1.134
174	12042	12043	SN	1	0.0	54.196	5.11	0.0	49.038	6.117	0.0	42.143	4.981	0.0	47.934	5.538	0.0	55.251	5.283	0.0	49.43	5.852	0.0	43.971	5.06	0.0	48.435	5.424
175	12043	12044	SN	1	0.0	49.043	0.789	0.0	53.076	1.211	0.0	43.616	0.788	0.0	40.869	1.334	0.0	49.176	0.819	0.0	51.482	1.115	0.0	43.042	0.73	0.0	39.693	1.122

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Alarming
Deviations
High Errors

176	12043	12044	NS	1	0.0	57.275	2.956	0.0	46.982	4.484	0.0	43.921	4.035	0.0	48.186	5.307	0.0	58.196	2.936	0.0	49.199	3.945	0.0	46.05	3.787	0.0	49.15	4.346
177	12043	12044	NS	1	0.0	46.128	0.946	0.0	39.954	1.427	0.0	39.746	1.336	0.0	39.645	1.803	0.0	47.309	0.942	0.0	42.508	1.275	0.0	38.588	1.191	0.0	40.215	1.41
178	12043	12044	NS	1	0.0	46.128	0.951	0.0	39.954	1.429	0.0	38.355	1.333	0.0	39.645	1.803	0.0	47.309	0.949	0.0	42.508	1.28	0.0	38.588	1.194	0.0	40.215	1.41
179	12043	12044	NS	1	0.0	57.197	2.956	0.0	46.982	4.484	0.0	43.921	4.007	0.0	48.186	5.307	0.0	58.119	2.936	0.0	49.199	3.945	0.0	46.05	3.759	0.0	49.15	4.346
180	12043	12044	NS	1	0.0	44.046	2.98	0.0	57.355	4.521	0.0	43.921	3.944	0.0	48.186	5.483	0.0	44.959	2.927	0.0	54.514	3.985	0.0	46.05	3.665	0.0	49.15	4.554
181	12043	12044	SN	1	0.0	49.048	3.412	0.0	46.806	4.529	0.0	45.07	2.995	0.0	42.549	4.593	0.0	49.493	3.422	0.0	47.189	4.223	0.0	43.097	2.795	0.0	40.702	3.973
182	12043	12044	SN	1	0.0	49.048	3.412	0.0	46.806	4.529	0.0	45.07	2.995	0.0	42.549	4.593	0.0	49.493	3.422	0.0	47.189	4.223	0.0	43.097	2.795	0.0	40.702	3.973
183	12043	12044	SN	1	0.0	49.043	0.789	0.0	53.076	1.211	0.0	43.616	0.788	0.0	40.869	1.334	0.0	49.176	0.819	0.0	51.482	1.115	0.0	43.042	0.73	0.0	39.693	1.122
184	12043	12044	NS	1	0.0	46.156	0.975	0.0	44.987	1.45	0.0	37.652	1.35	0.0	39.645	1.868	0.0	47.309	0.966	0.0	44.273	1.298	0.0	38.588	1.198	0.0	40.215	1.453
185	12044	12045	NS	1	0.0	48.443	0.649	0.0	50.437	0.979	0.0	42.287	0.883	0.0	50.875	1.289	0.0	47.504	0.649	0.0	47.904	0.85	0.0	43.838	0.821	0.0	50.847	0.956
186	12044	12045	NS	1	0.0	46.477	3.359	0.0	46.393	3.917	0.0	40.929	2.815	0.0	44.366	3.984	0.0	47.276	3.389	0.0	46.085	3.593	0.0	38.531	2.645	0.0	40.099	3.134
187	12044	12045	SN	1	0.0	47.1	1.443	0.0	44.516	1.829	0.0	38.126	1.618	0.0	39.289	2.074	0.0	46.983	1.44	0.0	45.184	1.723	0.0	37.248	1.573	0.0	37.913	1.804
188	12044	12045	SN	1	0.0	47.1	1.443	0.0	44.516	1.829	0.0	38.126	1.618	0.0	39.289	2.074	0.0	46.983	1.44	0.0	45.184	1.723	0.0	37.248	1.573	0.0	37.913	1.804
189	12044	12045	NS	1	0.0	47.802	3.43	0.0	53.996	3.896	0.0	43.721	2.808	0.0	46.012	3.963	0.0	47.116	3.43	0.0	52.504	3.562	0.0	43.94	2.645	0.0	41.744	3.091
190	12044	12045	NS	1	0.0	48.743	0.631	0.0	47.335	0.972	0.0	45.295	0.879	0.0	44.701	1.273	0.0	47.805	0.633	0.0	46.608	0.832	0.0	46.846	0.812	0.0	41.443	0.933
191	12044	12045	NS	1	0.0	47.802	3.511	0.0	48.133	4.236	0.0	43.721	2.872	0.0	46.012	4.348	0.0	47.116	3.522	0.0	50.279	3.834	0.0	44.005	2.743	0.0	41.744	3.404
192	12044	12045	SN	1	0.0	49.246	4.924	0.0	54.021	5.516	0.0	39.526	4.943	0.0	45.862	6.062	0.0	49.87	4.955	0.0	54.596	5.312	0.0	41.602	5.015	0.0	40.969	5.655
193	12044	12045	NS	1	0.0	48.443	0.719	0.0	50.437	1.094	0.0	40.615	0.882	0.0	46.347	1.39	0.0	47.504	0.728	0.0	47.904	0.915	0.0	40.353	0.812	0.0	41.443	1.046
194	12045	12046	SN	1	0.0	34.312	0.656	0.0	37.772	0.889	0.0	36.016	1.023	0.0	39.08	1.51	0.0	35.072	0.672	0.0	38.688	0.773	0.0	34.518	1.041	0.0	37.769	1.328
195	12045	12046	SN	1	0.0	34.198	0.726	0.0	47.607	0.978	0.0	36.02	1.119	0.0	38.208	1.65	0.0	34.916	0.74	0.0	46.09	0.844	0.0	35.101	1.125	0.0	36.423	1.455
196	12045	12046	NS	1	0.0	39.144	2.104	0.0	47.584	3.522	0.0	40.753	2.531	0.0	40.451	3.786	0.0	39.58	2.023	0.0	48.514	3.036	0.0	39.047	2.411	0.0	38.756	2.992
197	12045	12046	NS	1	0.0	41.197	0.608	0.0	47.963	1.003	0.0	41.266	0.732	0.0	41.387	1.184	0.0	41.871	0.604	0.0	50.433	0.906	0.0	39.144	0.678	0.0	43.388	0.982
198	12045	12046	NS	1	0.0	41.31	0.608	0.0	50.067	1.008	0.0	43.65	0.752	0.0	46.41	1.184	0.0	41.984	0.606	0.0	52.536	0.902	0.0	41.529	0.695	0.0	41.147	0.981
199	12045	12046	NS	1	0.0	40.926	2.115	0.0	47.584	3.512	0.0	40.958	2.546	0.0	45.056	3.758	0.0	39.685	2.044	0.0	48.514	3.016	0.0	39.254	2.418	0.0	40.549	2.985
200	12045	12046	SN	1	0.0	35.217	2.295	0.0	41.548	3.095	0.0	36.042	2.923	0.0	43.628	4.243	0.0	35.321	2.416	0.0	40.325	2.973	0.0	38.683	2.916	0.0	40.138	3.808
201	12045	12046	NS	1	0.0	41.197	0.668	0.0	47.963	1.137	0.0	35.507	0.807	0.0	41.387	1.339	0.0	41.871	0.666	0.0	50.433	1.04	0.0	36.335	0.741	0.0	43.388	1.11
202	12045	12046	SN	1	0.0	35.259	2.274	0.0	41.517	3.074	0.0	36.249	2.916	0.0	43.915	4.236	0.0	35.363	2.396	0.0	40.316	2.962	0.0	38.892	2.895	0.0	40.22	3.837
203	12045	12046	SN	1	0.0	35.321	2.467	0.0	41.517	3.321	0.0	36.249	3.188	0.0	39.302	4.634	0.0	35.363	2.601	0.0	40.316	3.209	0.0	38.892	3.157	0.0	40.22	4.212
204	12045	12046	NS	1	0.0	39.144	2.334	0.0	47.584	3.917	0.0	40.753	2.62	0.0	40.451	4.314	0.0	39.58	2.254	0.0	48.514	3.387	0.0	39.047	2.459	0.0	38.756	3.45
205	12045	12046	SN	1	0.0	34.198	0.658	0.0	47.607	0.898	0.0	36.02	1.019	0.0	38.208	1.526	0.0	34.916	0.676	0.0	46.09	0.773	0.0	35.101	1.026	0.0	36.423	1.337
206	12046	12047	NS	1	0.0	48.166	1.293	0.0	46.873	1.664	0.0	45.001	1.244	0.0	51.897	1.71	0.0	48.021	1.237	0.0	47.582	1.461	0.0	43.06	1.104	0.0	48.516	1.322
207	12046	12047	NS	1	0.0	47.185	1.291	0.0	46.908	1.632	0.0	43.714	1.299	0.0	39.682	1.706	0.0	47.043	1.239	0.0	47.611	1.454	0.0	42.604	1.159	0.0	40.528	1.336
208	12046	12047	NS	1	0.0	49.283	4.563	0.0	50.632	5.03	0.0	48.486	4.46	0.0	47.938	5.452	0.0	49.713	4.563	0.0	52.37	4.696	0.0	47.443	4.162	0.0	52.367	4.502
209	12046	12047	NS	1	0.0	50.016	4.543	0.0	52.364	5.04	0.0	48.949	4.503	0.0	51.764	5.459	0.0	50.448	4.543	0.0	55.209	4.706	0.0	47.906	4.155	0.0	50.682	4.559

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	12017	12018	SN	1	0.0	28.226	12.608	0.0	23.67	12.863	0.0	82.196	7.26	0.0	240.716	9.954	0.0	1.397	0.0	0.0	1.731	0.0	0.0	1.785	0.0	0.0	2.083	0.0
2	12017	12018	SN	1	0.0	23.097	4.462	0.0	20.872	6.388	0.0	67.862	0.951	0.0	182.671	1.843	0.0	1.351	0.0	0.0	1.729	0.0	0.0	1.816	0.0	0.0	2.081	0.0
3	12017	12018	SN	1	0.0	28.226	12.632	0.0	23.351	12.466	0.0	82.196	7.45	0.0	240.716	9.066	0.0	1.397	0.0	0.0	1.731	0.0	0.0	1.785	0.0	0.0	2.083	0.0
4	12017	12018	SN	1	0.0	23.097	4.456	0.0	18.095	6.28	0.0	67.862	0.998	0.0	182.671	1.635	0.0	1.351	0.0	0.0	1.729	0.0	0.0	1.816	0.0	0.0	2.081	0.0
5	12017	12018	SN	1	0.0	28.226	12.608	0.0	23.67	12.863	0.0	82.196	7.26	0.0	240.716	9.954	0.0	1.397	0.0	0.0	1.731	0.0	0.0	1.785	0.0	0.0	2.083	0.0
6	12017	12018	SN	1	0.0	23.097	4.462	0.0	20.872	6.388	0.0	67.862	0.951	0.0	182.671	1.843	0.0	1.351	0.0	0.0	1.729	0.0	0.0	1.816	0.0	0.0	2.081	0.0
7	12018	12019	NS	1	0.0	264.679	10.642	0.0	29.097	15.832	0.0	221.391	13.146	0.0	159.113	15.297	0.0	1.408	0.0	0.0	1.823	0.0	0.0	1.872	0.0	0.0	2.179	0.0
8	12018	12019	NS	1	0.0	264.679	10.622	0.0	29.097	15.832	0.0	221.391	13.125	0.0	159.113	15.29	0.0	1.408	0.0	0.0	1.823	0.0	0.0	1.872	0.0	0.0	2.179	0.0
9	12018	12019	SN	1	0.0	23.097	4.516	0.0	20.841	6.412	0.0	62.033	0.959	0.0	45.775	1.836	0.0	1.352	0.0	0.0	1.73	0.0	0.0	1.796	0.0	0.0	2.081	0.0
10	12018	12019	SN	1	0.0	28.226	12.646	0.0	23.505	12.898	0.0	77.188	7.352	0.0	77.312	9.986	0.0	1.384	0.0	0.0	1.731	0.0	0.0	1.787	0.0	0.0	2.082	0.0
11	12018	12019	SN	1	0.0	28.226	12.646	0.0	23.505	12.898	0.0	77.188	7.345	0.0	77.312	9.986	0.0	1.384	0.0	0.0	1.731	0.0	0.0	1.787	0.0	0.0	2.082	0.0
12	12018	12019	SN	1	0.0	23.097	4.514	0.0	20.841	6.412	0.0	62.033	0.956	0.0	45.775	1.836	0.0	1.352	0.0	0.0	1.73	0.0	0.0	1.796	0.0	0.0	2.081	0.0
13	12018	12019	NS	1	0.0	157.856	7.137	0.0	23.555	8.799	0.0	346.747	4.497	0.0	133.099	5.558	0.0	1.431	0.0	0.0	1.821	0.0	0.0	1.89	0.0	0.0	2.181	0.0
14	12018	12019	NS	1	0.0	157.856	7.156	0.0	23.555	8.821	0.0	346.747	4.513	0.0	133.099	5.565	0.0	1.431	0.0	0.0	1.821	0.0	0.0	1.89	0.0	0.0	2.181	0.0
15	12019	12020	SN	1	0.0	23.108	4.559	0.0	122.601	6.399	0.0	64.112	0.987	0.0	226.821	1.734	0.0	1.351	0.0	0.0	1.731	0.0	0.0	1.812	0.0	0.0	2.082	0.0
16	12019	12020	SN	1	0.0	23.108	4.549	0.0	122.601	6.421	0.0	64.112	0.975	0.0	226.821	1.851	0.0	1.351	0.0	0.0	1.731	0.0	0.0	1.812	0.0	0.0	2.082	0.0
17	12019	12020	NS	1	0.0	255.24	7.1	0.0	23.549	8.781	0.0	142.902	4.448	0.0	120.028	5.488	0.0	1.436	0.0	0.0	1.821	0.0	0.0	1.89	0.0	0.0	2.181	0.0
18	12019	12020	SN	1	0.0	28.242	12.686	0.0	276.018	12.769	0.0	78.688	7.433	0.0	51.634	9.689	0.0	1.377	0.0	0.0	1.733	0.0	0.0	1.777	0.0	0.0	2.082	0.0
19	12019	12020	SN	1	0.0	28.242	12.686	0.0	276.012	12.78	0.0	78.705	7.426	0.0	136.174	9.682	0.0	1.382	0.0	0.0	1.733	0.0	0.0	1.777	0.0	0.0	2.082	0.0
20	12019	12020	SN	1	0.0	28.242	12.684	0.0	276.012	12.923	0.0	78.705	7.376	0.0	136.174	9.973	0.0	1.382	0.0	0.0	1.733	0.0	0.0	1.777	0.0	0.0	2.082	0.0
21	12019	12020	NS	1	0.0	255.24	10.674	0.0	29.07	15.756	0.0	217.586	13.046	0.0	146.848	15.229	0.0	1.404	0.0	0.0	1.822	0.0	0.0	1.866	0.0	0.0	2.178	0.0
22	12019	12020	SN	1	0.0	23.13	4.552	0.0	122.607	6.394	0.0	64.101	0.985	0.0	48.168	1.734	0.0	1.351	0.0	0.0	1.731	0.0	0.0	1.812	0.0	0.0	2.082	0.0
23	12020	12021	SN	1	0.0	23.108	4.573	0.0	19.374	6.381	0.0	67.52	0.99	0.0	11.741	1.687	0.0	1.351	0.0	0.0	1.731	0.0	0.0	1.79	0.0	0.0	2.082	0.0
24	12020	12021	NS	1	0.0	24.58	10.633	0.0	29.081	15.769	0.0	355.814	13.129	0.0	72.919	15.279	0.0	1.397	0.0	0.0	1.822	0.0	0.0	1.867	0.0	0.0	2.179	0.0
25	12020	12021	SN	1	0.0	23.108	4.564	0.0	20.907	6.413	0.0	67.52	0.971	0.0	48.372	1.838	0.0	1.351	0.0	0.0	1.731	0.0	0.0	1.79	0.0	0.0	2.082	0.0
26	12020	12021	NS	1	0.0	22.882	7.083	0.0	23.538	8.777	0.0	262.15	4.453	0.0	125.665	5.492	0.0	1.423	0.0	0.0	1.821	0.0	0.0	1.891	0.0	0.0	2.18	0.0
27	12020	12021	SN	1	0.0	28.314	12.673	0.0	23.499	12.933	0.0	76.146	7.376	0.0	65.91	9.946	0.0	1.37	0.0	0.0	1.733	0.0	0.0	1.777	0.0	0.0	2.082	0.0
28	12020	12021	SN	1	0.0	23.108	4.564	0.0	20.907	6.413	0.0	67.52	0.971	0.0	48.372	1.84	0.0	1.351	0.0	0.0	1.731	0.0	0.0	1.79	0.0	0.0	2.082	0.0
29	12020	12021	SN	1	0.0	28.314	12.673	0.0	23.499	12.933	0.0	76.146	7.376	0.0	65.91	9.946	0.0	1.37	0.0	0.0	1.733	0.0	0.0	1.777	0.0	0.0	2.082	0.0
30	12020	12021	SN	1	0.0	28.314	12.69	0.0	23.499	12.742	0.0	76.146	7.459	0.0	16.451	9.547	0.0	1.37	0.0	0.0	1.733	0.0	0.0	1.777	0.0	0.0	2.082	0.0
31	12021	12022	SN	1	0.0	23.113	4.557	0.0	20.874	6.362	0.0	64.575	0.971	0.0	50.06	1.825	0.0	1.353	0.0	0.0	1.737	0.0	0.0	1.79	0.0	0.0	2.082	0.0

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

Normal
Alarming
Deviations
High Errors

32	12021	12022	SN	1	0.0	28.242	12.646	0.0	132.462	12.92	0.0	70.349	7.379	0.0	238.924	9.89	0.0	1.373	0.0	0.0	1.732	0.0	0.0	1.778	0.0	0.0	2.084	0.0
33	12021	12022	NS	1	0.0	90.84	10.684	0.0	29.356	15.759	0.0	355.98	13.171	0.0	75.208	15.271	0.0	1.404	0.0	0.0	1.821	0.0	0.0	1.867	0.0	0.0	2.178	0.0
34	12021	12022	SN	1	0.0	28.242	12.649	0.0	132.462	12.632	0.0	70.349	7.519	0.0	238.924	9.282	0.0	1.373	0.0	0.0	1.732	0.0	0.0	1.778	0.0	0.0	2.084	0.0
35	12021	12022	NS	1	0.0	219.5	7.089	0.0	23.549	8.794	0.0	261.797	4.45	0.0	134.163	5.526	0.0	1.438	0.0	0.0	1.82	0.0	0.0	1.888	0.0	0.0	2.18	0.0
36	12021	12022	SN	1	0.0	23.113	4.562	0.0	19.38	6.309	0.0	64.575	1.003	0.0	41.989	1.648	0.0	1.353	0.0	0.0	1.737	0.0	0.0	1.79	0.0	0.0	2.082	0.0
37	12021	12022	SN	1	0.0	23.102	4.566	0.0	93.005	6.366	0.0	64.581	0.973	0.0	50.06	1.825	0.0	1.352	0.0	0.0	1.737	0.0	0.0	1.789	0.0	0.0	2.082	0.0
38	12021	12022	NS	1	0.0	57.624	7.083	0.0	23.549	8.791	0.0	354.16	4.448	0.0	134.163	5.517	0.0	1.423	0.0	0.0	1.82	0.0	0.0	1.888	0.0	0.0	2.181	0.0
39	12021	12022	SN	1	0.0	28.248	12.645	0.0	23.532	12.9	0.0	70.349	7.386	0.0	62.518	9.904	0.0	1.376	0.0	0.0	1.732	0.0	0.0	1.778	0.0	0.0	2.084	0.0
40	12021	12022	NS	1	0.0	24.613	10.677	0.0	29.092	15.766	0.0	158.107	13.188	0.0	132.404	15.265	0.0	1.408	0.0	0.0	1.819	0.0	0.0	1.884	0.0	0.0	2.182	0.0
41	12022	12023	NS	1	0.0	22.887	7.068	0.0	23.538	8.79	0.0	352.378	4.453	0.0	127.01	5.53	0.0	1.434	0.0	0.0	1.82	0.0	0.0	1.889	0.0	0.0	2.181	0.0
42	12022	12023	SN	1	0.0	28.237	12.661	0.0	23.51	12.572	0.0	77.546	7.507	0.0	172.777	9.117	0.0	1.395	0.0	0.0	1.733	0.0	0.0	1.782	0.0	0.0	2.083	0.0
43	12022	12023	SN	1	0.0	28.237	12.64	0.0	23.56	12.964	0.0	77.546	7.346	0.0	172.777	9.946	0.0	1.395	0.0	0.0	1.733	0.0	0.0	1.782	0.0	0.0	2.083	0.0
44	12022	12023	SN	1	0.0	28.237	12.64	0.0	23.56	12.964	0.0	77.546	7.346	0.0	172.777	9.946	0.0	1.395	0.0	0.0	1.733	0.0	0.0	1.782	0.0	0.0	2.083	0.0
45	12022	12023	NS	1	0.0	24.597	10.718	0.0	29.092	15.756	0.0	259.5	13.097	0.0	130.981	15.286	0.0	1.407	0.0	0.0	1.819	0.0	0.0	1.887	0.0	0.0	2.182	0.0
46	12022	12023	NS	1	0.0	24.597	10.663	0.0	29.092	15.815	0.0	230.789	13.082	0.0	130.981	15.277	0.0	1.4	0.0	0.0	1.822	0.0	0.0	1.876	0.0	0.0	2.179	0.0
47	12022	12023	SN	1	0.0	23.097	4.551	0.0	19.38	6.276	0.0	71.811	1.028	0.0	11.675	1.65	0.0	1.351	0.0	0.0	1.731	0.0	0.0	1.815	0.0	0.0	2.082	0.0
48	12022	12023	SN	1	0.0	23.097	4.558	0.0	20.828	6.373	0.0	71.811	0.983	0.0	46.618	1.843	0.0	1.351	0.0	0.0	1.731	0.0	0.0	1.815	0.0	0.0	2.082	0.0
49	12022	12023	SN	1	0.0	23.097	4.558	0.0	20.828	6.373	0.0	71.811	0.983	0.0	46.618	1.843	0.0	1.351	0.0	0.0	1.731	0.0	0.0	1.815	0.0	0.0	2.082	0.0
50	12022	12023	NS	1	0.0	22.893	7.075	0.0	23.544	8.801	0.0	248.536	4.463	0.0	120.916	5.537	0.0	1.439	0.0	0.0	1.821	0.0	0.0	1.889	0.0	0.0	2.18	0.0
51	12023	12024	SN	1	0.0	23.08	4.557	0.0	69.834	6.309	0.0	60.345	1.019	0.0	11.234	1.603	0.0	1.35	0.0	0.0	1.73	0.0	0.0	1.816	0.0	0.0	2.082	0.0
52	12023	12024	SN	1	0.0	23.075	4.562	0.0	162.795	6.294	0.0	60.4	1.023	0.0	11.659	1.603	0.0	1.35	0.0	0.0	1.73	0.0	0.0	1.816	0.0	0.0	2.081	0.0
53	12023	12024	SN	1	0.0	28.187	12.653	0.0	192.173	12.466	0.0	74.508	7.584	0.0	13.821	8.963	0.0	1.354	0.0	0.0	1.732	0.0	0.0	1.777	0.0	0.0	2.083	0.0
54	12023	12024	NS	1	0.0	217.092	7.101	0.0	23.549	8.789	0.0	135.065	4.443	0.0	134.456	5.518	0.0	1.441	0.0	0.0	1.821	0.0	0.0	1.89	0.0	0.0	2.181	0.0
55	12023	12024	SN	1	0.0	28.187	12.675	0.0	30.457	12.466	0.0	74.557	7.553	0.0	13.815	8.94	0.0	1.353	0.0	0.0	1.732	0.0	0.0	1.782	0.0	0.0	2.082	0.0
56	12023	12024	NS	1	0.0	121.327	10.716	0.0	29.097	15.692	0.0	131.365	13.001	0.0	139.127	15.216	0.0	1.408	0.0	0.0	1.819	0.0	0.0	1.887	0.0	0.0	2.183	0.0
57	12023	12024	NS	1	0.0	91.155	10.659	0.0	29.086	15.77	0.0	350.564	12.909	0.0	140.837	15.206	0.0	1.411	0.0	0.0	1.823	0.0	0.0	1.876	0.0	0.0	2.179	0.0
58	12023	12024	NS	1	0.0	118.967	7.089	0.0	23.538	8.78	0.0	352.924	4.443	0.0	134.759	5.496	0.0	1.438	0.0	0.0	1.822	0.0	0.0	1.89	0.0	0.0	2.183	0.0
59	12025	12026	SN	1	0.0	23.075	4.443	0.0	20.907	6.302	0.0	68.629	0.989	0.0	43.464	1.856	0.0	1.351	0.0	0.0	1.729	0.0	0.0	1.812	0.0	0.0	2.081	0.0
60	12025	12026	NS	1	0.0	121.482	7.223	0.0	23.544	8.811	0.0	242.415	4.567	0.0	123.519	5.584	0.0	1.434	0.0	0.0	1.822	0.0	0.0	1.894	0.0	0.0	2.182	0.0
61	12025	12026	NS	1	0.0	150.811	10.692	0.0	31.568	15.781	0.0	355.731	12.802	0.0	136.573	15.234	0.0	1.401	0.0	0.0	1.824	0.0	0.0	1.868	0.0	0.0	2.183	0.0
62	12025	12026	SN	1	0.0	28.364	12.593	0.0	23.588	12.892	0.0	77.111	7.384	0.0	59.794	9.982	0.0	1.376	0.0	0.0	1.731	0.0	0.0	1.779	0.0	0.0	2.081	0.0
63	12026	12027	NS	1	0.0	22.882	7.203	0.0	23.549	8.808	0.0	284.66	4.532	0.0	133.623	5.56	0.0	1.423	0.0	0.0	1.822	0.0	0.0	1.892	0.0	0.0	2.181	0.0
64	12026	12027	NS	1	0.0	26.003	10.766	0.0	29.097	15.776	0.0	352.88	12.871	0.0	131.709	15.265	0.0	1.405	0.0	0.0	1.82	0.0	0.0	1.893	0.0	0.0	2.179	0.0
65	12027	12028	SN	1	0.0	146.197	4.477	0.0	189.457	6.311	0.0	143.004	1.028	0.0	49.106	1.869	0.0	1.348	0.0	0.0	1.729	0.0	0.0	1.807	0.0	0.0	2.086	0.0
66	12027	12028	NS	1	0.0	255.4	7.212	0.0	23.538	8.817	0.0	208.726	4.558	0.0	144.201	5.579	0.0	1.436	0.0	0.0	1.822	0.0	0.0	1.894	0.0	0.0	2.182	0.0
67	12027	12028	SN	1	0.0	158.005	12.702	0.0	78.145	12.964	0.0	143.357	7.481	0.0	58.498	9.997	0.0	1.391	0.0	0.0	1.731	0.0	0.0	1.783	0.0	0.0	2.082	0.0
68	12027	12028	NS	1	0.0	212.507	10.806	0.0	29.081	15.796	0.0	242.602	12.863	0.0	134.792	15.265	0.0	1.402	0.0	0.0	1.82	0.0	0.0	1.894	0.0	0.0	2.179	0.0

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

Normal
Deviations
Alarming
High Errors

69	12028	12029	NS	1	0.0	25.424	10.67	0.0	29.103	15.755	0.0	352.411	12.657	0.0	133.044	15.213	0.0	1.413	0.0	0.0	1.823	0.0	0.0	1.885	0.0	0.0	2.181	0.0
70	12028	12029	NS	1	0.0	255.256	7.19	0.0	23.538	8.783	0.0	352.411	4.57	0.0	133.044	5.531	0.0	1.434	0.0	0.0	1.823	0.0	0.0	1.895	0.0	0.0	2.183	0.0
71	12029	12030	SN	1	0.0	28.204	12.594	0.0	237.694	12.997	0.0	92.602	7.465	0.0	48.179	10.115	0.0	1.367	0.0	0.0	1.729	0.0	0.0	1.778	0.0	0.0	2.08	0.0
72	12029	12030	SN	1	0.0	23.097	4.43	0.0	162.778	6.274	0.0	78.401	1.006	0.0	79.008	1.882	0.0	1.347	0.0	0.0	1.729	0.0	0.0	1.814	0.0	0.0	2.08	0.0
73	12029	12030	NS	1	0.0	269.482	10.73	0.0	29.086	15.823	0.0	352.814	12.734	0.0	141.024	15.299	0.0	1.412	0.0	0.0	1.823	0.0	0.0	1.886	0.0	0.0	2.181	0.0
74	12029	12030	SN	1	0.0	28.204	12.594	0.0	237.694	12.997	0.0	92.602	7.465	0.0	48.179	10.115	0.0	1.367	0.0	0.0	1.729	0.0	0.0	1.778	0.0	0.0	2.08	0.0
75	12029	12030	NS	1	0.0	206.065	7.259	0.0	25.601	8.855	0.0	352.814	4.643	0.0	120.238	5.647	0.0	1.427	0.0	0.0	1.822	0.0	0.0	1.895	0.0	0.0	2.184	0.0
76	12029	12030	SN	1	0.0	23.097	4.43	0.0	162.778	6.274	0.0	78.401	1.006	0.0	79.008	1.882	0.0	1.347	0.0	0.0	1.729	0.0	0.0	1.814	0.0	0.0	2.08	0.0
77	12030	12031	SN	1	0.0	28.27	12.557	0.0	76.193	12.94	0.0	73.995	7.343	0.0	69.936	10.013	0.0	1.382	0.0	0.0	1.729	0.0	0.0	1.778	0.0	0.0	2.079	0.0
78	12030	12031	NS	1	0.0	25.413	10.69	0.0	29.081	15.784	0.0	144.242	12.677	0.0	188.938	15.312	0.0	1.401	0.0	0.0	1.824	0.0	0.0	1.886	0.0	0.0	2.182	0.0
79	12030	12031	NS	1	0.0	22.887	7.261	0.0	25.639	8.843	0.0	193.441	4.689	0.0	161.777	5.668	0.0	1.431	0.0	0.0	1.823	0.0	0.0	1.894	0.0	0.0	2.184	0.0
80	12030	12031	NS	1	0.0	25.413	10.69	0.0	29.081	15.784	0.0	266.322	12.677	0.0	188.96	15.305	0.0	1.401	0.0	0.0	1.824	0.0	0.0	1.886	0.0	0.0	2.182	0.0
81	12030	12031	NS	1	0.0	22.887	7.261	0.0	25.639	8.843	0.0	193.441	4.691	0.0	161.76	5.668	0.0	1.431	0.0	0.0	1.823	0.0	0.0	1.894	0.0	0.0	2.184	0.0
82	12030	12031	SN	1	0.0	23.097	4.416	0.0	225.801	6.204	0.0	53.192	1.024	0.0	46.072	1.841	0.0	1.347	0.0	0.0	1.729	0.0	0.0	1.814	0.0	0.0	2.08	0.0
83	12031	12032	SN	1	0.0	28.237	12.551	0.0	220.305	12.917	0.0	76.328	7.419	0.0	279.79	10.014	0.0	1.388	0.0	0.0	1.73	0.0	0.0	1.781	0.0	0.0	2.08	0.0
84	12031	12032	NS	1	0.0	22.876	7.281	0.0	25.65	8.808	0.0	240.512	4.668	0.0	103.346	5.603	0.0	1.44	0.0	0.0	1.823	0.0	0.0	1.893	0.0	0.0	2.184	0.0
85	12032	12033	SN	1	0.0	28.187	12.612	0.0	24.338	12.877	0.0	72.329	7.384	0.0	120.963	10.107	0.0	1.384	0.0	0.0	1.73	0.0	0.0	1.781	0.0	0.0	2.081	0.0
86	12032	12033	SN	1	0.0	23.08	4.402	0.0	21.429	6.231	0.0	64.625	0.982	0.0	49.249	1.857	0.0	1.348	0.0	0.0	1.729	0.0	0.0	1.808	0.0	0.0	2.083	0.0
87	12032	12033	SN	1	0.0	23.08	4.399	0.0	21.429	6.231	0.0	64.625	0.982	0.0	49.249	1.857	0.0	1.348	0.0	0.0	1.729	0.0	0.0	1.808	0.0	0.0	2.083	0.0
88	12032	12033	NS	1	0.0	41.167	10.671	0.0	29.461	15.812	0.0	354.11	12.723	0.0	145.011	15.312	0.0	1.411	0.0	0.0	1.825	0.0	0.0	1.873	0.0	0.0	2.182	0.0
89	12032	12033	SN	1	0.0	28.187	12.612	0.0	24.338	12.877	0.0	72.329	7.377	0.0	120.963	10.107	0.0	1.384	0.0	0.0	1.73	0.0	0.0	1.781	0.0	0.0	2.081	0.0
90	12032	12033	NS	1	0.0	66.362	7.298	0.0	25.656	8.838	0.0	244.097	4.68	0.0	143.804	5.669	0.0	1.432	0.0	0.0	1.823	0.0	0.0	1.893	0.0	0.0	2.183	0.0
91	12033	12034	SN	1	0.0	23.091	4.5	0.0	268.203	6.226	0.0	77.971	0.985	0.0	15.166	1.722	0.0	1.349	0.0	0.0	1.729	0.0	0.0	1.806	0.0	0.0	2.081	0.0
92	12033	12034	SN	1	0.0	28.209	12.63	0.0	218.38	12.758	0.0	81.302	7.344	0.0	22.093	9.777	0.0	1.382	0.0	0.0	1.731	0.0	0.0	1.785	0.0	0.0	2.08	0.0
93	12033	12034	SN	1	0.0	28.209	12.63	0.0	218.38	12.758	0.0	81.302	7.344	0.0	22.093	9.777	0.0	1.382	0.0	0.0	1.731	0.0	0.0	1.785	0.0	0.0	2.08	0.0
94	12033	12034	NS	1	0.0	25.408	10.786	0.0	29.483	15.746	0.0	250.582	12.665	0.0	133.215	15.264	0.0	1.403	0.0	0.0	1.823	0.0	0.0	1.867	0.0	0.0	2.18	0.0
95	12033	12034	NS	1	0.0	25.408	10.796	0.0	29.478	15.736	0.0	194.103	12.658	0.0	133.204	15.236	0.0	1.403	0.0	0.0	1.823	0.0	0.0	1.868	0.0	0.0	2.18	0.0
96	12033	12034	SN	1	0.0	23.091	4.5	0.0	268.203	6.226	0.0	77.971	0.985	0.0	15.166	1.722	0.0	1.349	0.0	0.0	1.729	0.0	0.0	1.806	0.0	0.0	2.081	0.0
97	12033	12034	SN	1	0.0	23.091	4.489	0.0	268.203	6.252	0.0	77.971	0.98	0.0	43.524	1.836	0.0	1.349	0.0	0.0	1.729	0.0	0.0	1.806	0.0	0.0	2.081	0.0
98	12033	12034	NS	1	0.0	22.882	7.267	0.0	23.527	8.805	0.0	279.983	4.609	0.0	122.201	5.62	0.0	1.438	0.0	0.0	1.822	0.0	0.0	1.896	0.0	0.0	2.183	0.0
99	12033	12034	NS	1	0.0	22.882	7.263	0.0	23.527	8.807	0.0	191.368	4.609	0.0	122.19	5.618	0.0	1.438	0.0	0.0	1.822	0.0	0.0	1.896	0.0	0.0	2.183	0.0
100	12034	12035	SN	1	0.0	28.843	12.598	0.0	23.533	12.712	0.0	81.749	7.41	0.0	243.479	9.735	0.0	1.366	0.0	0.0	1.731	0.0	0.0	1.802	0.0	0.0	2.08	0.0
101	12034	12035	SN	1	0.0	23.102	4.57	0.0	19.385	6.24	0.0	63.169	0.997	0.0	13.865	1.737	0.0	1.356	0.0	0.0	1.729	0.0	0.0	1.806	0.0	0.0	2.081	0.0
102	12034	12035	SN	1	0.0	23.102	4.554	0.0	21.52	6.268	0.0	63.169	0.992	0.0	41.925	1.868	0.0	1.356	0.0	0.0	1.729	0.0	0.0	1.807	0.0	0.0	2.081	0.0
103	12034	12035	SN	1	0.0	28.843	12.586	0.0	24.332	12.894	0.0	81.749	7.376	0.0	243.479	10.084	0.0	1.366	0.0	0.0	1.731	0.0	0.0	1.802	0.0	0.0	2.08	0.0
104	12034	12035	SN	1	0.0	28.843	12.586	0.0	24.332	12.894	0.0	81.749	7.376	0.0	243.479	10.084	0.0	1.366	0.0	0.0	1.731	0.0	0.0	1.802	0.0	0.0	2.08	0.0
105	12034	12035	SN	1	0.0	23.102	4.554	0.0	21.39	6.27	0.0	63.169	0.992	0.0	41.925	1.868	0.0	1.356	0.0	0.0	1.729	0.0	0.0	1.807	0.0	0.0	2.081	0.0

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

Normal
Deviations
Alarming
High Errors

106	12034	12035	NS	1	0.0	25.391	10.746	0.0	29.472	15.726	0.0	138.462	12.694	0.0	140.528	15.222	0.0	1.412	0.0	0.0	1.823	0.0	0.0	1.868	0.0	0.0	2.181	0.0
107	12034	12035	NS	1	0.0	25.391	10.746	0.0	29.472	15.726	0.0	138.462	12.694	0.0	140.528	15.222	0.0	1.412	0.0	0.0	1.823	0.0	0.0	1.868	0.0	0.0	2.181	0.0
108	12034	12035	NS	1	0.0	22.887	7.203	0.0	23.533	8.812	0.0	350.029	4.579	0.0	137.318	5.618	0.0	1.438	0.0	0.0	1.822	0.0	0.0	1.893	0.0	0.0	2.183	0.0
109	12034	12035	NS	1	0.0	22.887	7.205	0.0	23.533	8.812	0.0	350.029	4.578	0.0	137.318	5.62	0.0	1.438	0.0	0.0	1.822	0.0	0.0	1.893	0.0	0.0	2.183	0.0
110	12035	12036	NS	1	0.0	22.887	7.168	0.0	23.533	8.797	0.0	353.128	4.603	0.0	125.119	5.601	0.0	1.426	0.0	0.0	1.822	0.0	0.0	1.894	0.0	0.0	2.183	0.0
111	12035	12036	SN	1	0.0	28.843	12.604	0.0	24.299	12.9	0.0	78.798	7.393	0.0	275.444	10.151	0.0	1.383	0.0	0.0	1.731	0.0	0.0	1.787	0.0	0.0	2.081	0.0
112	12035	12036	SN	1	0.0	28.843	12.613	0.0	23.544	12.66	0.0	78.798	7.485	0.0	275.444	9.625	0.0	1.383	0.0	0.0	1.731	0.0	0.0	1.787	0.0	0.0	2.081	0.0
113	12035	12036	NS	1	0.0	22.887	7.163	0.0	23.527	8.797	0.0	353.128	4.602	0.0	125.119	5.599	0.0	1.426	0.0	0.0	1.822	0.0	0.0	1.894	0.0	0.0	2.183	0.0
114	12035	12036	SN	1	0.0	23.091	4.563	0.0	266.83	6.255	0.0	66.842	0.979	0.0	165.979	1.863	0.0	1.354	0.0	0.0	1.729	0.0	0.0	1.811	0.0	0.0	2.081	0.0
115	12035	12036	SN	1	0.0	23.091	4.563	0.0	266.83	6.255	0.0	66.842	0.979	0.0	165.979	1.863	0.0	1.354	0.0	0.0	1.729	0.0	0.0	1.811	0.0	0.0	2.081	0.0
116	12035	12036	NS	1	0.0	24.806	10.685	0.0	29.07	15.751	0.0	353.128	12.699	0.0	149.12	15.253	0.0	1.41	0.0	0.0	1.82	0.0	0.0	1.886	0.0	0.0	2.181	0.0
117	12035	12036	NS	1	0.0	24.806	10.695	0.0	29.07	15.751	0.0	353.128	12.699	0.0	149.12	15.246	0.0	1.41	0.0	0.0	1.82	0.0	0.0	1.886	0.0	0.0	2.181	0.0
118	12035	12036	SN	1	0.0	28.843	12.604	0.0	24.299	12.9	0.0	78.798	7.401	0.0	275.444	10.151	0.0	1.383	0.0	0.0	1.731	0.0	0.0	1.787	0.0	0.0	2.081	0.0
119	12035	12036	SN	1	0.0	23.091	4.58	0.0	266.83	6.233	0.0	66.842	0.992	0.0	165.979	1.7	0.0	1.354	0.0	0.0	1.729	0.0	0.0	1.811	0.0	0.0	2.081	0.0
120	12036	12037	SN	1	0.0	28.717	12.638	0.0	23.538	12.598	0.0	73.824	7.475	0.0	15.266	9.478	0.0	1.367	0.0	0.0	1.73	0.0	0.0	1.788	0.0	0.0	2.08	0.0
121	12036	12037	SN	1	0.0	23.108	4.55	0.0	21.525	6.259	0.0	54.036	0.979	0.0	50.44	1.865	0.0	1.353	0.0	0.0	1.729	0.0	0.0	1.81	0.0	0.0	2.081	0.0
122	12036	12037	NS	1	0.0	150.11	10.647	0.0	29.119	15.644	0.0	207.135	12.709	0.0	146.5	15.196	0.0	1.411	0.0	0.0	1.821	0.0	0.0	1.888	0.0	0.0	2.187	0.0
123	12036	12037	SN	1	0.0	23.108	4.55	0.0	21.525	6.259	0.0	54.036	0.977	0.0	50.435	1.865	0.0	1.353	0.0	0.0	1.729	0.0	0.0	1.81	0.0	0.0	2.081	0.0
124	12036	12037	NS	1	0.0	78.812	7.162	0.0	23.527	8.766	0.0	228.302	4.543	0.0	128.891	5.563	0.0	1.427	0.0	0.0	1.822	0.0	0.0	1.894	0.0	0.0	2.183	0.0
125	12036	12037	SN	1	0.0	28.717	12.614	0.0	24.294	12.925	0.0	73.824	7.337	0.0	75.76	10.254	0.0	1.367	0.0	0.0	1.73	0.0	0.0	1.788	0.0	0.0	2.08	0.0
126	12036	12037	SN	1	0.0	28.717	12.614	0.0	24.288	12.925	0.0	73.824	7.337	0.0	75.76	10.261	0.0	1.367	0.0	0.0	1.73	0.0	0.0	1.788	0.0	0.0	2.08	0.0
127	12036	12037	NS	1	0.0	78.807	7.162	0.0	23.527	8.768	0.0	134.982	4.543	0.0	128.902	5.564	0.0	1.427	0.0	0.0	1.822	0.0	0.0	1.894	0.0	0.0	2.183	0.0
128	12036	12037	NS	1	0.0	150.116	10.657	0.0	29.125	15.654	0.0	169.109	12.716	0.0	146.495	15.204	0.0	1.411	0.0	0.0	1.821	0.0	0.0	1.888	0.0	0.0	2.188	0.0
129	12036	12037	SN	1	0.0	23.108	4.567	0.0	19.385	6.204	0.0	54.036	1.006	0.0	11.604	1.684	0.0	1.353	0.0	0.0	1.729	0.0	0.0	1.81	0.0	0.0	2.081	0.0
130	12037	12038	NS	1	0.0	55.445	10.661	0.0	29.456	15.802	0.0	353.851	12.694	0.0	125.935	15.241	0.0	1.409	0.0	0.0	1.824	0.0	0.0	1.876	0.0	0.0	2.181	0.0
131	12037	12038	SN	1	0.0	23.08	4.54	0.0	21.52	6.262	0.0	72.633	0.982	0.0	207.86	1.857	0.0	1.348	0.0	0.0	1.729	0.0	0.0	1.809	0.0	0.0	2.08	0.0
132	12037	12038	NS	1	0.0	42.386	10.651	0.0	29.461	15.822	0.0	353.845	12.666	0.0	125.93	15.241	0.0	1.409	0.0	0.0	1.824	0.0	0.0	1.876	0.0	0.0	2.181	0.0
133	12037	12038	SN	1	0.0	28.193	12.641	0.0	24.255	12.967	0.0	83.806	7.369	0.0	65.176	10.092	0.0	1.394	0.0	0.0	1.731	0.0	0.0	1.783	0.0	0.0	2.081	0.0
134	12037	12038	SN	1	0.0	23.08	4.548	0.0	19.385	6.147	0.0	72.633	1.028	0.0	207.86	1.641	0.0	1.348	0.0	0.0	1.729	0.0	0.0	1.809	0.0	0.0	2.08	0.0
135	12037	12038	NS	1	0.0	95.925	7.241	0.0	23.533	8.811	0.0	279.1	4.678	0.0	132.934	5.628	0.0	1.425	0.0	0.0	1.822	0.0	0.0	1.894	0.0	0.0	2.184	0.0
136	12037	12038	NS	1	0.0	95.936	7.241	0.0	25.634	8.809	0.0	249.601	4.667	0.0	132.939	5.623	0.0	1.426	0.0	0.0	1.822	0.0	0.0	1.894	0.0	0.0	2.184	0.0
137	12038	12039	NS	1	0.0	197.66	7.284	0.0	25.601	8.827	0.0	137.536	4.703	0.0	138.112	5.657	0.0	1.439	0.0	0.0	1.822	0.0	0.0	1.894	0.0	0.0	2.182	0.0
138	12038	12039	SN	1	0.0	28.623	12.584	0.0	24.338	12.926	0.0	72.042	7.333	0.0	262.368	10.063	0.0	1.387	0.0	0.0	1.73	0.0	0.0	1.781	0.0	0.0	2.082	0.0
139	12038	12039	NS	1	0.0	220.564	10.68	0.0	29.494	15.802	0.0	354.187	12.667	0.0	130.496	15.219	0.0	1.411	0.0	0.0	1.824	0.0	0.0	1.879	0.0	0.0	2.181	0.0
140	12038	12039	NS	1	0.0	25.391	10.69	0.0	29.494	15.802	0.0	354.182	12.652	0.0	130.496	15.234	0.0	1.41	0.0	0.0	1.824	0.0	0.0	1.876	0.0	0.0	2.181	0.0
141	12038	12039	SN	1	0.0	28.623	12.584	0.0	24.338	12.926	0.0	72.042	7.334	0.0	262.368	10.063	0.0	1.387	0.0	0.0	1.73	0.0	0.0	1.78	0.0	0.0	2.082	0.0
142	12038	12039	SN	1	0.0	28.623	12.643	0.0	23.549	12.418	0.0	72.042	7.595	0.0	262.368	8.885	0.0	1.387	0.0	0.0	1.73	0.0	0.0	1.778	0.0	0.0	2.082	0.0

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

Normal
Deviations
Alarming
High Errors

143	12038	12039	NS	1	0.0	119.524	7.295	0.0	25.595	8.827	0.0	249.099	4.689	0.0	138.118	5.66	0.0	1.433	0.0	0.0	1.823	0.0	0.0	1.894	0.0	0.0	2.182	0.0
144	12038	12039	SN	1	0.0	23.064	4.521	0.0	19.385	6.084	0.0	64.051	1.034	0.0	68.802	1.581	0.0	1.346	0.0	0.0	1.728	0.0	0.0	1.807	0.0	0.0	2.08	0.0
145	12038	12039	SN	1	0.0	23.064	4.495	0.0	21.542	6.233	0.0	64.051	0.97	0.0	68.802	1.848	0.0	1.346	0.0	0.0	1.728	0.0	0.0	1.806	0.0	0.0	2.08	0.0
146	12039	12040	SN	1	0.0	28.154	12.66	0.0	144.981	12.265	0.0	82.697	7.674	0.0	13.517	8.584	0.0	1.368	0.0	0.0	1.73	0.0	0.0	1.782	0.0	0.0	2.08	0.0
147	12039	12040	SN	1	0.0	23.064	4.478	0.0	164.411	6.227	0.0	76.813	0.984	0.0	44.065	1.798	0.0	1.351	0.0	0.0	1.728	0.0	0.0	1.806	0.0	0.0	2.079	0.0
148	12039	12040	SN	1	0.0	23.058	4.475	0.0	21.503	6.227	0.0	76.829	0.982	0.0	44.065	1.786	0.0	1.351	0.0	0.0	1.728	0.0	0.0	1.806	0.0	0.0	2.079	0.0
149	12039	12040	NS	1	0.0	218.019	7.252	0.0	25.634	8.784	0.0	142.571	4.648	0.0	135.36	5.599	0.0	1.418	0.0	0.0	1.823	0.0	0.0	1.896	0.0	0.0	2.184	0.0
150	12039	12040	NS	1	0.0	218.019	10.723	0.0	31.673	15.67	0.0	145.808	12.547	0.0	135.36	15.214	0.0	1.396	0.0	0.0	1.825	0.0	0.0	1.869	0.0	0.0	2.18	0.0
151	12039	12040	NS	1	0.0	157.53	10.743	0.0	31.673	15.68	0.0	277.826	12.561	0.0	135.366	15.193	0.0	1.399	0.0	0.0	1.825	0.0	0.0	1.869	0.0	0.0	2.18	0.0
152	12039	12040	SN	1	0.0	28.154	12.58	0.0	144.981	12.912	0.0	82.697	7.218	0.0	63.241	10.012	0.0	1.368	0.0	0.0	1.73	0.0	0.0	1.803	0.0	0.0	2.08	0.0
153	12039	12040	SN	1	0.0	23.064	4.533	0.0	164.411	6.078	0.0	76.813	1.081	0.0	11.659	1.564	0.0	1.345	0.0	0.0	1.728	0.0	0.0	1.787	0.0	0.0	2.079	0.0
154	12039	12040	SN	1	0.0	28.149	12.6	0.0	79.816	12.933	0.0	82.708	7.239	0.0	63.241	9.998	0.0	1.367	0.0	0.0	1.729	0.0	0.0	1.803	0.0	0.0	2.08	0.0
155	12040	12041	NS	1	0.0	157.536	7.297	0.0	23.527	8.822	0.0	138.534	4.687	0.0	132.52	5.654	0.0	1.436	0.0	0.0	1.823	0.0	0.0	1.894	0.0	0.0	2.184	0.0
156	12040	12041	NS	1	0.0	119.334	10.715	0.0	29.478	15.737	0.0	139.725	12.621	0.0	143.169	15.292	0.0	1.401	0.0	0.0	1.824	0.0	0.0	1.869	0.0	0.0	2.18	0.0
157	12040	12041	NS	1	0.0	119.334	10.715	0.0	29.478	15.737	0.0	139.725	12.621	0.0	143.169	15.292	0.0	1.401	0.0	0.0	1.824	0.0	0.0	1.869	0.0	0.0	2.18	0.0
158	12040	12041	SN	1	0.0	23.058	4.405	0.0	192.261	6.209	0.0	60.207	1.034	0.0	45.344	1.779	0.0	1.345	0.0	0.0	1.728	0.0	0.0	1.801	0.0	0.0	2.079	0.0
159	12040	12041	NS	1	0.0	157.536	7.297	0.0	23.527	8.822	0.0	138.534	4.687	0.0	132.52	5.652	0.0	1.436	0.0	0.0	1.823	0.0	0.0	1.894	0.0	0.0	2.184	0.0
160	12040	12041	SN	1	0.0	28.176	12.61	0.0	83.158	12.926	0.0	80.32	7.411	0.0	64.862	9.906	0.0	1.387	0.0	0.0	1.73	0.0	0.0	1.782	0.0	0.0	2.08	0.0
161	12041	12042	SN	1	0.0	28.242	12.553	0.0	80.014	12.9	0.0	75.682	7.466	0.0	154.034	10.03	0.0	1.382	0.0	0.0	1.729	0.0	0.0	1.774	0.0	0.0	2.08	0.0
162	12041	12042	NS	1	0.0	56.449	10.719	0.0	29.108	15.764	0.0	200.975	12.649	0.0	151.613	15.242	0.0	1.407	0.0	0.0	1.821	0.0	0.0	1.893	0.0	0.0	2.182	0.0
163	12041	12042	SN	1	0.0	23.075	4.398	0.0	21.065	6.189	0.0	56.01	1.029	0.0	240.451	1.79	0.0	1.348	0.0	0.0	1.728	0.0	0.0	1.81	0.0	0.0	2.08	0.0
164	12041	12042	NS	1	0.0	166.605	7.297	0.0	25.606	8.823	0.0	148.555	4.654	0.0	112.07	5.652	0.0	1.426	0.0	0.0	1.823	0.0	0.0	1.894	0.0	0.0	2.183	0.0
165	12041	12042	NS	1	0.0	56.449	10.719	0.0	29.108	15.764	0.0	200.975	12.649	0.0	151.613	15.242	0.0	1.407	0.0	0.0	1.821	0.0	0.0	1.893	0.0	0.0	2.182	0.0
166	12041	12042	NS	1	0.0	166.605	7.297	0.0	25.606	8.823	0.0	148.555	4.654	0.0	112.07	5.652	0.0	1.426	0.0	0.0	1.823	0.0	0.0	1.894	0.0	0.0	2.183	0.0
167	12042	12043	SN	1	0.0	28.187	12.541	0.0	46.274	12.918	0.0	73.476	7.383	0.0	75.688	9.956	0.0	1.362	0.0	0.0	1.729	0.0	0.0	1.771	0.0	0.0	2.08	0.0
168	12042	12043	NS	1	0.0	91.111	10.685	0.0	72.754	15.642	0.0	280.507	12.761	0.0	71.0	15.099	0.0	1.414	0.0	0.0	1.824	0.0	0.0	1.879	0.0	0.0	2.182	0.0
169	12042	12043	NS	1	0.0	91.111	10.671	0.0	72.754	15.851	0.0	280.507	12.582	0.0	128.875	15.382	0.0	1.414	0.0	0.0	1.824	0.0	0.0	1.879	0.0	0.0	2.182	0.0
170	12042	12043	NS	1	0.0	27.134	7.324	0.0	67.895	8.848	0.0	145.18	4.708	0.0	130.794	5.707	0.0	1.437	0.0	0.0	1.823	0.0	0.0	1.895	0.0	0.0	2.183	0.0
171	12042	12043	SN	1	0.0	23.091	4.432	0.0	21.514	6.175	0.0	67.051	1.023	0.0	50.368	1.795	0.0	1.348	0.0	0.0	1.73	0.0	0.0	1.81	0.0	0.0	2.079	0.0
172	12042	12043	SN	1	0.0	23.091	4.432	0.0	21.514	6.175	0.0	67.051	1.023	0.0	50.368	1.795	0.0	1.348	0.0	0.0	1.73	0.0	0.0	1.81	0.0	0.0	2.079	0.0
173	12042	12043	NS	1	0.0	27.134	7.394	0.0	67.895	8.883	0.0	145.18	4.794	0.0	70.691	5.673	0.0	1.437	0.0	0.0	1.823	0.0	0.0	1.895	0.0	0.0	2.183	0.0
174	12042	12043	SN	1	0.0	28.187	12.541	0.0	46.274	12.918	0.0	73.476	7.383	0.0	75.688	9.956	0.0	1.362	0.0	0.0	1.729	0.0	0.0	1.771	0.0	0.0	2.08	0.0
175	12043	12044	SN	1	0.0	23.069	4.462	0.0	21.525	6.187	0.0	68.061	1.016	0.0	46.651	1.761	0.0	1.354	0.0	0.0	1.728	0.0	0.0	1.807	0.0	0.0	2.079	0.0
176	12043	12044	NS	1	0.0	25.992	10.711	0.0	29.505	15.769	0.0	353.884	12.567	0.0	128.389	15.331	0.0	1.404	0.0	0.0	1.825	0.0	0.0	1.888	0.0	0.0	2.182	0.0
177	12043	12044	NS	1	0.0	22.882	7.33	0.0	25.639	8.836	0.0	163.666	4.755	0.0	135.608	5.739	0.0	1.437	0.0	0.0	1.823	0.0	0.0	1.896	0.0	0.0	2.184	0.0
178	12043	12044	NS	1	0.0	22.882	7.33	0.0	25.639	8.836	0.0	163.666	4.755	0.0	135.625	5.739	0.0	1.437	0.0	0.0	1.823	0.0	0.0	1.896	0.0	0.0	2.184	0.0
179	12043	12044	NS	1	0.0	25.992	10.711	0.0	29.5	15.769	0.0	353.884	12.567	0.0	128.4	15.331	0.0	1.404	0.0	0.0	1.825	0.0	0.0	1.888	0.0	0.0	2.182	0.0

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

Normal
Deviations
Alarming
High Errors

180	12043	12044	NS	1	0.0	25.992	10.748	0.0	29.042	15.414	0.0	353.884	12.895	0.0	16.738	14.85	0.0	1.404	0.0	0.0	1.825	0.0	0.0	1.888	0.0	0.0	2.182	0.0
181	12043	12044	SN	1	0.0	28.237	12.6	0.0	24.244	12.925	0.0	67.509	7.319	0.0	64.592	9.842	0.0	1.375	0.0	0.0	1.729	0.0	0.0	1.782	0.0	0.0	2.078	0.0
182	12043	12044	SN	1	0.0	28.237	12.6	0.0	24.244	12.925	0.0	67.509	7.319	0.0	64.592	9.842	0.0	1.375	0.0	0.0	1.729	0.0	0.0	1.782	0.0	0.0	2.078	0.0
183	12043	12044	SN	1	0.0	23.069	4.462	0.0	21.525	6.187	0.0	68.061	1.016	0.0	46.651	1.761	0.0	1.354	0.0	0.0	1.728	0.0	0.0	1.807	0.0	0.0	2.079	0.0
184	12043	12044	NS	1	0.0	22.882	7.462	0.0	25.639	8.898	0.0	163.666	4.914	0.0	16.733	5.739	0.0	1.437	0.0	0.0	1.823	0.0	0.0	1.896	0.0	0.0	2.184	0.0
185	12044	12045	NS	1	0.0	78.669	7.357	0.0	25.65	8.845	0.0	275.618	4.784	0.0	126.553	5.744	0.0	1.437	0.0	0.0	1.824	0.0	0.0	1.899	0.0	0.0	2.186	0.0
186	12044	12045	NS	1	0.0	254.636	10.765	0.0	29.505	15.707	0.0	185.417	12.607	0.0	138.173	15.229	0.0	1.408	0.0	0.0	1.826	0.0	0.0	1.875	0.0	0.0	2.183	0.0
187	12044	12045	SN	1	0.0	23.064	4.453	0.0	94.42	6.191	0.0	65.733	1.03	0.0	248.886	1.77	0.0	1.356	0.0	0.0	1.727	0.0	0.0	1.809	0.0	0.0	2.08	0.0
188	12044	12045	SN	1	0.0	23.064	4.453	0.0	94.42	6.191	0.0	65.733	1.03	0.0	248.886	1.77	0.0	1.356	0.0	0.0	1.727	0.0	0.0	1.809	0.0	0.0	2.08	0.0
189	12044	12045	NS	1	0.0	254.636	10.765	0.0	29.505	15.707	0.0	185.417	12.579	0.0	138.151	15.207	0.0	1.402	0.0	0.0	1.826	0.0	0.0	1.875	0.0	0.0	2.183	0.0
190	12044	12045	NS	1	0.0	78.669	7.363	0.0	25.65	8.847	0.0	275.645	4.786	0.0	126.569	5.76	0.0	1.437	0.0	0.0	1.824	0.0	0.0	1.899	0.0	0.0	2.186	0.0
191	12044	12045	NS	1	0.0	254.636	10.947	0.0	29.07	15.121	0.0	185.417	13.349	0.0	16.766	14.498	0.0	1.402	0.0	0.0	1.826	0.0	0.0	1.875	0.0	0.0	2.183	0.0
192	12044	12045	SN	1	0.0	28.27	12.57	0.0	182.241	12.935	0.0	88.692	7.348	0.0	60.613	9.984	0.0	1.391	0.0	0.0	1.729	0.0	0.0	1.783	0.0	0.0	2.081	0.0
193	12044	12045	NS	1	0.0	78.669	7.647	0.0	25.65	9.037	0.0	275.618	5.142	0.0	16.744	5.891	0.0	1.437	0.0	0.0	1.824	0.0	0.0	1.899	0.0	0.0	2.186	0.0
194	12045	12046	SN	1	0.0	23.064	4.411	0.0	268.252	6.175	0.0	61.41	1.026	0.0	112.018	1.738	0.0	1.353	0.0	0.0	1.728	0.0	0.0	1.81	0.0	0.0	2.079	0.0
195	12045	12046	SN	1	0.0	23.064	4.465	0.0	164.339	6.012	0.0	61.454	1.09	0.0	10.804	1.496	0.0	1.344	0.0	0.0	1.728	0.0	0.0	1.801	0.0	0.0	2.08	0.0
196	12045	12046	NS	1	0.0	235.355	10.724	0.0	29.505	15.697	0.0	145.764	12.6	0.0	171.638	15.243	0.0	1.414	0.0	0.0	1.826	0.0	0.0	1.875	0.0	0.0	2.183	0.0
197	12045	12046	NS	1	0.0	235.355	7.366	0.0	25.661	8.86	0.0	140.189	4.78	0.0	118.153	5.799	0.0	1.438	0.0	0.0	1.824	0.0	0.0	1.897	0.0	0.0	2.186	0.0
198	12045	12046	NS	1	0.0	235.355	7.366	0.0	25.661	8.862	0.0	140.189	4.782	0.0	118.209	5.801	0.0	1.438	0.0	0.0	1.824	0.0	0.0	1.897	0.0	0.0	2.186	0.0
199	12045	12046	NS	1	0.0	235.355	10.724	0.0	29.505	15.697	0.0	145.764	12.593	0.0	171.66	15.25	0.0	1.414	0.0	0.0	1.826	0.0	0.0	1.875	0.0	0.0	2.183	0.0
200	12045	12046	SN	1	0.0	28.182	12.539	0.0	237.308	12.949	0.0	81.986	7.247	0.0	269.973	9.942	0.0	1.387	0.0	0.0	1.728	0.0	0.0	1.815	0.0	0.0	2.08	0.0
201	12045	12046	NS	1	0.0	235.355	7.898	0.0	25.661	9.186	0.0	140.189	5.438	0.0	16.744	6.191	0.0	1.438	0.0	0.0	1.824	0.0	0.0	1.897	0.0	0.0	2.186	0.0
202	12045	12046	SN	1	0.0	28.182	12.549	0.0	157.329	12.968	0.0	82.03	7.211	0.0	208.007	9.963	0.0	1.368	0.0	0.0	1.728	0.0	0.0	1.816	0.0	0.0	2.079	0.0
203	12045	12046	SN	1	0.0	28.182	12.603	0.0	157.329	12.358	0.0	82.03	7.546	0.0	208.007	8.626	0.0	1.368	0.0	0.0	1.728	0.0	0.0	1.782	0.0	0.0	2.079	0.0
204	12045	12046	NS	1	0.0	235.355	10.982	0.0	29.053	15.079	0.0	145.764	14.053	0.0	16.771	14.592	0.0	1.414	0.0	0.0	1.826	0.0	0.0	1.875	0.0	0.0	2.183	0.0
205	12045	12046	SN	1	0.0	23.064	4.436	0.0	164.339	6.18	0.0	61.454	1.021	0.0	39.813	1.734	0.0	1.354	0.0	0.0	1.728	0.0	0.0	1.81	0.0	0.0	2.08	0.0
206	12046	12047	NS	1	0.0	257.272	7.368	0.0	25.656	8.855	0.0	142.141	4.807	0.0	139.827	5.787	0.0	1.438	0.0	0.0	1.824	0.0	0.0	1.896	0.0	0.0	2.186	0.0
207	12046	12047	NS	1	0.0	67.592	7.375	0.0	25.661	8.86	0.0	142.202	4.803	0.0	139.8	5.781	0.0	1.438	0.0	0.0	1.825	0.0	0.0	1.896	0.0	0.0	2.186	0.0
208	12046	12047	NS	1	0.0	265.892	10.694	0.0	29.494	15.719	0.0	148.941	12.586	0.0	157.922	15.236	0.0	1.413	0.0	0.0	1.826	0.0	0.0	1.876	0.0	0.0	2.182	0.0
209	12046	12047	NS	1	0.0	265.898	10.724	0.0	29.494	15.698	0.0	145.682	12.579	0.0	157.972	15.236	0.0	1.412	0.0	0.0	1.826	0.0	0.0	1.876	0.0	0.0	2.182	0.0

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

Normal
Alarming
Deviations
High Errors