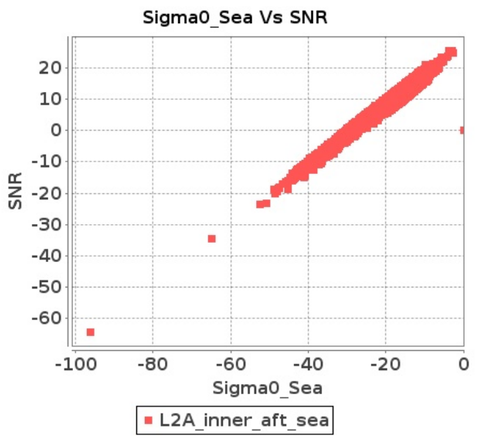
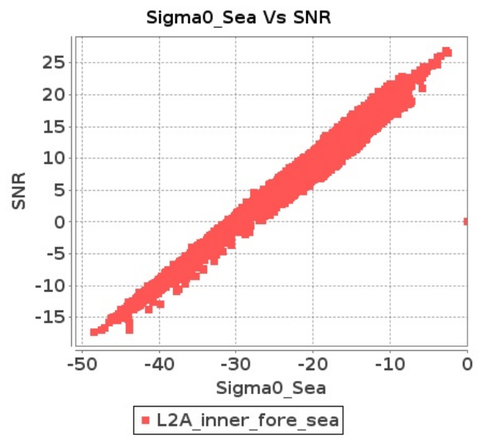
SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 29-JUL-2017 To 30-JUL-2017

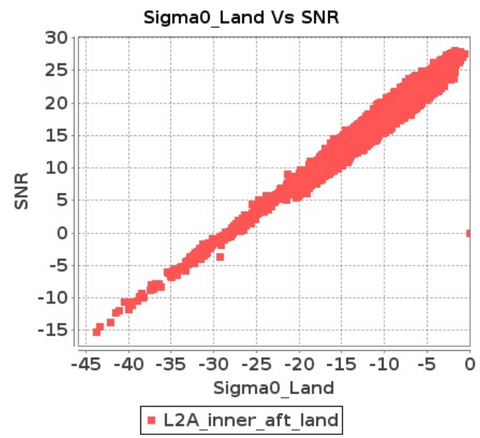
Inner Sea Aft Sigma0VsSNR



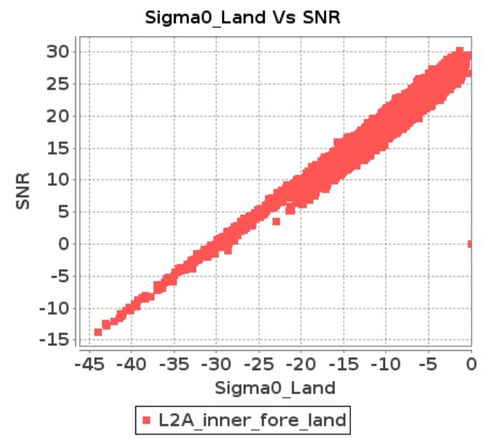
Inner Sea Fore Sigma0VsSNR



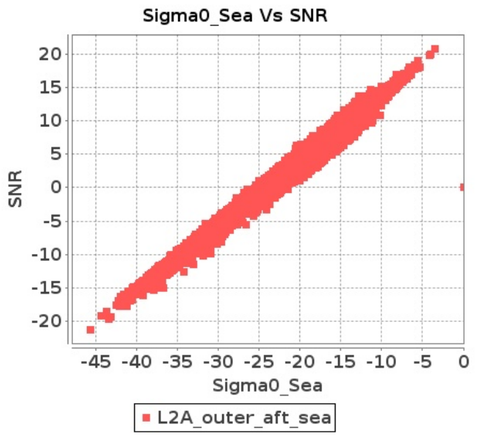
Inner Land Aft Sigma0VsSNR



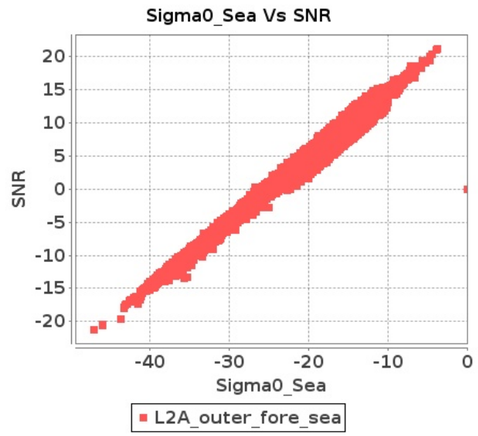
Inner Land Fore Sigma0VsSNR



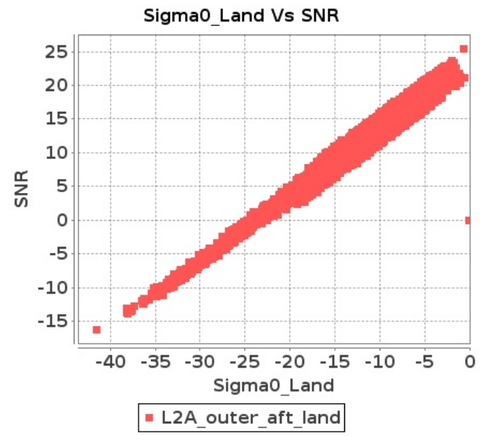
Outer Sea Aft Sigma0VsSNR



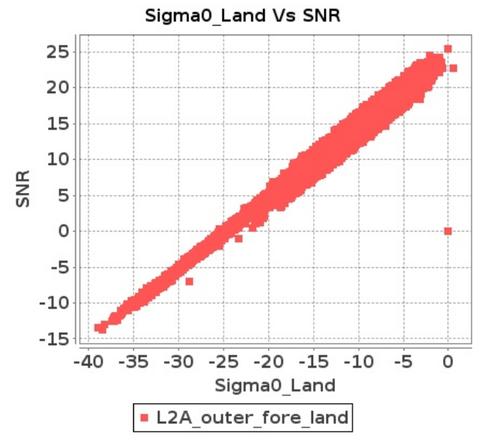
Outer Sea Fore Sigma0VsSNR



Outer Land Aft Sigma0VsSNR



Outer Land Fore Sigma0VsSNR



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

Report between 29-JUL-2017 To 30-JUL-2017

					SNR												Sigma0											
					Inner Aft			Inner Fore			Outer Aft			Outer Fore			Inner Aft			Inner Fore			Outer Aft			Outer Fore		
Sr No	Start Orbit	End Orbit	Dir.	Ver.	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)
1	4434	4435	SN	1	0.0	54.014	8.042	0.0	53.576	8.461	0.0	45.548	5.568	0.0	46.951	6.271	0.0	50.703	7.48	0.0	53.067	7.966	0.0	48.244	5.2	0.0	47.875	5.687
2	4434	4435	NS	1	0.0	46.955	2.594	0.0	49.71	2.292	0.0	45.205	1.782	0.0	43.004	1.662	0.0	44.768	2.295	0.0	47.799	2.052	0.0	44.173	1.675	0.0	43.529	1.443
3	4434	4435	NS	1	0.0	46.955	2.594	0.0	49.71	2.292	0.0	45.205	1.782	0.0	43.004	1.662	0.0	44.768	2.295	0.0	47.799	2.052	0.0	44.173	1.675	0.0	43.529	1.443
4	4434	4435	SN	1	0.0	47.819	2.482	0.0	47.36	2.554	0.0	46.537	1.682	0.0	45.131	1.828	0.0	44.489	2.243	0.0	46.676	2.325	0.0	42.9	1.528	0.0	43.951	1.682
5	4434	4435	SN	1	0.0	54.014	8.238	0.0	53.576	8.646	0.0	45.548	5.706	0.0	46.951	6.398	0.0	50.703	7.662	0.0	53.067	8.15	0.0	48.244	5.328	0.0	47.875	5.807
6	4434	4435	SN	1	0.0	54.014	8.044	0.0	53.576	8.55	0.0	45.548	5.568	0.0	46.951	6.341	0.0	50.703	7.481	0.0	53.067	8.06	0.0	48.244	5.2	0.0	47.875	5.751
7	4434	4435	SN	1	0.0	47.819	2.418	0.0	47.36	2.493	0.0	46.537	1.643	0.0	45.131	1.792	0.0	44.489	2.189	0.0	46.676	2.267	0.0	42.9	1.486	0.0	43.951	1.645
8	4434	4435	NS	1	0.0	53.509	9.792	0.0	53.079	8.936	0.0	47.238	6.28	0.0	49.535	5.737	0.0	54.261	9.027	0.0	54.232	8.213	0.0	47.501	5.81	0.0	49.711	5.324
9	4434	4435	NS	1	0.0	53.509	9.792	0.0	53.079	8.936	0.0	47.238	6.28	0.0	49.535	5.737	0.0	54.261	9.027	0.0	54.232	8.213	0.0	47.501	5.81	0.0	49.711	5.324
10	4434	4435	SN	1	0.0	47.819	2.418	0.0	47.36	2.521	0.0	46.537	1.643	0.0	45.131	1.811	0.0	44.489	2.189	0.0	46.676	2.293	0.0	42.9	1.486	0.0	43.951	1.662
11	4435	4436	NS	1	0.0	51.958	4.175	0.0	51.761	3.771	0.0	48.121	2.659	0.0	47.634	2.737	0.0	49.999	3.772	0.0	50.334	3.198	0.0	45.27	2.324	0.0	44.953	2.459
12	4435	4436	SN	1	0.0	48.519	2.334	0.0	48.317	2.095	0.0	40.021	1.964	0.0	45.947	1.814	0.0	53.777	2.202	0.0	50.308	2.031	0.0	36.211	1.889	0.0	47.014	1.665
13	4435	4436	SN	1	0.0	44.1	7.388	0.0	52.994	6.375	0.0	40.697	5.884	0.0	43.308	5.621	0.0	43.332	7.036	0.0	49.697	5.997	0.0	44.118	5.736	0.0	41.89	5.268
14	4435	4436	SN	1	0.0	48.519	2.334	0.0	48.317	2.093	0.0	40.021	1.964	0.0	45.947	1.812	0.0	53.777	2.202	0.0	50.308	2.029	0.0	36.211	1.889	0.0	47.014	1.663
15	4435	4436	SN	1	0.0	45.206	7.504	0.0	52.994	6.369	0.0	40.697	5.941	0.0	43.308	5.624	0.0	43.332	7.138	0.0	49.697	5.991	0.0	44.118	5.79	0.0	41.89	5.285
16	4435	4436	SN	1	0.0	45.206	7.504	0.0	52.994	6.369	0.0	40.697	5.941	0.0	43.308	5.624	0.0	43.332	7.138	0.0	49.697	5.991	0.0	44.118	5.79	0.0	41.89	5.285
17	4435	4436	NS	1	0.0	47.739	4.337	0.0	57.046	3.729	0.0	47.267	2.588	0.0	49.623	2.43	0.0	45.378	3.753	0.0	58.091	3.226	0.0	45.043	2.317	0.0	45.168	2.131
18	4435	4436	SN	1	0.0	48.519	2.299	0.0	48.317	2.088	0.0	40.021	1.966	0.0	45.947	1.806	0.0	53.777	2.166	0.0	50.308	2.014	0.0	36.211	1.874	0.0	47.014	1.65
19	4435	4436	NS	1	0.0	44.337	1.205	0.0	45.796	0.933	0.0	47.6	0.78	0.0	40.029	0.729	0.0	42.05	0.972	0.0	47.797	0.824	0.0	45.668	0.644	0.0	40.13	0.624
20	4435	4436	NS	1	0.0	41.378	1.168	0.0	47.576	0.936	0.0	46.933	0.767	0.0	39.32	0.783	0.0	42.492	1.001	0.0	46.364	0.802	0.0	44.171	0.637	0.0	37.062	0.642
21	4436	4437	SN	1	0.0	43.511	2.059	0.0	50.489	1.748	0.0	36.778	1.659	0.0	38.867	1.591	0.0	44.539	1.654	0.0	46.364	1.468	0.0	36.292	1.357	0.0	37.604	1.273
22	4436	4437	SN	1	0.0	43.511	2.062	0.0	50.489	1.738	0.0	36.778	1.639	0.0	38.867	1.575	0.0	44.539	1.652	0.0	46.364	1.458	0.0	36.292	1.343	0.0	37.604	1.256
23	4436	4437	NS	1	0.0	47.881	4.898	0.0	44.131	3.476	0.0	44.606	3.35	0.0	52.937	3.199	0.0	47.671	4.245	0.0	40.466	2.944	0.0	44.482	3.272	0.0	52.273	2.872
24	4436	4437	SN	1	0.0	45.454	6.166	0.393	46.619	5.287	0.0	38.786	4.437	0.0	40.938	4.382	0.0	46.069	5.401	0.506	46.037	4.724	0.0	38.251	3.99	0.0	42.477	3.775
25	4436	4437	SN	1	0.0	45.454	6.159	0.0	46.619	5.337	0.0	38.786	4.387	0.0	40.938	4.358	0.0	46.069	5.405	0.0	46.037	4.776	0.0	38.251	3.948	0.0	42.477	3.76
26	4436	4437	SN	1	0.0	45.454	6.158	0.393	46.619	5.279	0.0	38.786	4.386	0.0	40.938	4.315	0.0	46.069	5.404	0.506	46.037	4.724	0.0	38.251	3.947	0.0	42.477	3.724
27	4436	4437	SN	1	0.0	43.511	2.062	0.0	50.489	1.755	0.0	36.778	1.641	0.0	38.867	1.592	0.0	44.539	1.652	0.0	46.364	1.474	0.0	36.292	1.344	0.0	37.604	1.27
28	4436	4437	NS	1	0.0	43.033	1.655	0.0	49.131	1.223	0.0	37.635	1.1	0.0	38.875	1.023	0.0	42.693	1.422	0.0	47.302	1.001	0.0	37.955	0.997	0.0	37.583	0.855
29	4437	4438	SN	1	0.0	50.141	8.923	0.0	47.989	7.959	0.0	39.298	6.442	0.0	38.646	6.374	0.0	51.357	8.079	0.0	50.925	7.0	0.0	39.361	5.854	0.0	38.981	5.971
30	4437	4438	SN	1	0.0	50.141	8.921	0.0	47.989	7.873	0.0	39.298	6.441	0.0	38.646	6.302	0.0	51.357	8.077	0.0	50.925	6.924	0.0	39.361	5.853	0.0	38.981	5.903
31	4437	4438	SN	1	0.0	47.773	3.039	0.0	44.235	2.777	0.0	41.521	2.21	0.0	37.487	2.127	0.0	46.179	2.652	0.0	42.73	2.368	0.0	40.403	1.89	0.0	36.132	1.836

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Deviations
Alarming
High Errors

32	4437	4438	NS	1	0.0	55.281	6.407	0.0	46.266	5.788	0.0	45.473	3.699	0.0	45.477	3.705	0.0	57.041	5.501	0.0	47.25	5.286	0.0	43.989	3.514	0.0	44.451	3.399
33	4437	4438	SN	1	0.0	50.141	8.748	0.0	47.989	7.941	0.0	39.298	6.436	0.0	38.646	6.407	0.0	51.357	7.894	0.0	50.925	7.012	0.0	39.361	5.913	0.0	38.981	5.999
34	4437	4438	NS	1	0.0	51.001	1.691	0.0	45.151	1.551	0.0	39.376	0.998	0.0	42.126	0.932	0.0	47.744	1.515	0.0	47.129	1.41	0.0	41.257	0.92	0.0	40.175	0.834
35	4437	4438	NS	1	0.0	44.996	1.669	0.0	46.625	1.553	0.0	37.099	1.018	0.0	44.212	0.877	0.0	46.221	1.542	0.0	49.082	1.404	0.0	37.295	0.924	0.0	43.503	0.82
36	4437	4438	SN	1	0.0	47.773	3.041	0.0	44.235	2.746	0.0	41.521	2.211	0.0	37.487	2.105	0.0	46.179	2.651	0.0	42.73	2.343	0.0	40.403	1.89	0.0	36.132	1.816
37	4437	4438	SN	1	0.0	47.773	3.035	0.0	44.235	2.796	0.0	41.521	2.216	0.0	37.487	2.128	0.0	46.179	2.659	0.0	42.73	2.386	0.0	40.403	1.908	0.0	36.132	1.843
38	4437	4438	NS	1	0.0	54.609	6.285	0.0	54.79	5.817	0.0	45.736	3.819	0.0	43.65	3.534	0.0	54.727	5.691	0.0	53.358	5.345	0.0	45.869	3.605	0.0	44.704	3.363
39	4438	4439	SN	1	0.0	46.231	7.223	0.0	52.163	6.789	0.0	38.861	5.001	0.0	40.422	4.83	0.0	46.375	6.035	0.0	53.918	5.953	0.0	38.5	4.222	0.0	39.974	4.136
40	4438	4439	SN	1	0.0	46.231	7.496	0.0	52.163	6.937	0.0	38.861	5.145	0.0	40.422	4.853	0.0	46.375	6.3	0.0	53.918	6.101	0.0	38.5	4.295	0.0	39.974	4.148
41	4438	4439	NS	1	0.0	46.501	2.437	0.0	48.735	2.233	0.0	41.387	1.634	0.0	46.856	1.622	0.0	48.635	2.299	0.0	53.112	2.083	0.0	42.521	1.534	0.0	47.231	1.498
42	4438	4439	SN	1	0.0	46.231	7.494	0.0	52.163	6.864	0.0	38.861	5.159	0.0	40.422	4.799	0.0	46.375	6.289	0.0	53.918	6.036	0.0	38.5	4.295	0.0	39.974	4.101
43	4438	4439	SN	1	0.0	40.763	2.361	0.0	47.242	2.12	0.0	39.496	1.767	0.0	38.805	1.683	0.0	39.542	1.957	0.0	44.616	1.708	0.0	39.246	1.466	0.0	36.52	1.346
44	4438	4439	SN	1	0.0	40.763	2.373	0.0	47.242	2.122	0.0	39.496	1.796	0.0	38.805	1.663	0.0	39.542	1.983	0.0	44.616	1.716	0.0	39.246	1.487	0.0	36.52	1.332
45	4438	4439	NS	1	0.0	49.586	7.07	0.0	50.474	6.111	0.0	46.826	6.045	0.0	45.672	5.508	0.0	51.278	6.577	0.0	50.99	5.709	0.0	44.681	5.688	0.0	49.326	5.208
46	4438	4439	SN	1	0.0	40.763	2.377	0.0	47.242	2.101	0.0	39.496	1.794	0.0	38.805	1.649	0.0	39.542	1.994	0.0	44.616	1.697	0.0	39.246	1.487	0.0	36.52	1.323
47	4438	4439	NS	1	0.0	50.186	7.281	0.0	49.813	6.701	0.0	47.507	5.907	0.0	45.904	5.657	0.0	47.581	6.808	0.0	49.878	6.209	0.0	47.06	5.643	0.0	47.55	5.358
48	4438	4439	NS	1	0.0	49.408	2.515	0.0	46.8	2.248	0.0	41.995	1.661	0.0	42.666	1.609	0.0	49.618	2.382	0.0	46.784	2.099	0.0	41.52	1.516	0.0	41.206	1.41
49	4439	4440	NS	1	0.0	43.765	2.536	0.0	53.433	1.904	0.0	40.179	1.889	0.0	39.733	1.48	0.0	45.89	2.298	0.0	51.075	1.675	0.0	42.963	1.727	0.0	41.536	1.268
50	4439	4440	NS	1	0.0	55.203	8.429	0.0	56.238	6.109	0.0	47.675	5.807	0.0	47.422	5.072	0.0	55.109	7.654	0.0	56.514	5.697	0.0	47.17	5.401	0.0	49.548	4.552
51	4439	4440	NS	1	0.0	51.001	8.066	0.0	56.278	6.071	0.0	49.707	6.025	0.0	46.07	4.632	0.0	51.765	7.644	0.0	55.891	5.448	0.0	49.834	5.562	0.0	47.655	4.247
52	4439	4440	SN	1	0.0	51.953	10.565	0.0	56.258	11.093	0.0	48.011	7.447	0.0	52.467	8.334	0.0	49.453	10.284	0.0	56.63	10.338	0.0	50.944	6.979	0.0	51.737	7.895
53	4439	4440	SN	1	0.0	50.947	3.366	0.0	53.639	3.584	0.0	45.562	2.257	0.0	43.367	2.443	0.0	47.205	3.175	0.0	52.596	3.381	0.0	43.845	2.05	0.0	40.688	2.251
54	4439	4440	SN	1	0.0	51.953	10.563	0.0	56.258	10.983	0.0	48.011	7.447	0.0	52.467	8.242	0.0	49.453	10.282	0.0	56.63	10.226	0.0	50.944	6.979	0.0	51.737	7.807
55	4439	4440	SN	1	0.0	50.947	3.413	0.0	53.639	3.514	0.0	45.562	2.307	0.0	43.367	2.439	0.0	47.205	3.19	0.0	52.596	3.29	0.0	43.845	2.088	0.0	40.688	2.232
56	4439	4440	SN	1	0.0	50.947	3.366	0.0	53.639	3.546	0.0	45.562	2.257	0.0	43.367	2.42	0.0	47.205	3.175	0.0	52.596	3.343	0.0	43.845	2.048	0.0	40.688	2.23
57	4439	4440	NS	1	0.0	51.379	2.517	0.0	47.897	1.961	0.0	46.231	1.899	0.0	38.144	1.496	0.0	50.643	2.281	0.0	45.286	1.665	0.0	42.587	1.697	0.0	35.289	1.302
58	4439	4440	SN	1	0.0	51.953	10.402	0.0	56.258	10.583	0.0	48.011	7.527	0.0	52.467	8.124	0.0	49.453	10.052	0.0	56.63	9.794	0.0	50.944	7.085	0.0	51.737	7.695
59	4440	4441	SN	1	0.0	50.595	2.512	0.0	54.006	2.588	0.0	43.998	1.294	0.0	45.918	1.595	0.0	48.655	2.181	0.0	52.017	2.305	0.0	43.039	1.131	0.0	43.896	1.351
60	4440	4441	SN	1	0.0	50.595	2.507	0.0	54.006	2.562	0.0	43.998	1.296	0.0	45.918	1.577	0.0	48.655	2.176	0.0	52.017	2.282	0.0	43.039	1.133	0.0	43.896	1.336
61	4440	4441	NS	1	0.003	42.668	5.029	0.0	46.223	4.091	0.0	45.637	4.109	0.0	45.242	4.333	0.125	42.851	4.225	0.0	44.791	3.408	0.0	45.246	3.689	0.0	44.327	3.841
62	4440	4441	SN	1	0.0	52.992	8.015	0.0	57.084	8.307	0.0	49.338	5.159	0.0	47.007	5.604	0.0	55.588	7.172	0.0	54.714	7.797	0.0	49.213	4.556	0.0	47.43	5.237
63	4440	4441	SN	1	0.0	52.992	8.014	0.0	57.084	8.207	0.0	49.338	5.159	0.0	47.007	5.542	0.0	55.588	7.18	0.0	54.714	7.702	0.0	49.213	4.556	0.0	47.43	5.178
64	4440	4441	NS	1	0.0	46.067	5.23	0.0	44.288	4.34	0.0	39.857	4.204	0.0	45.607	4.452	0.0	45.251	4.174	0.0	42.272	3.617	0.0	39.491	3.855	0.0	45.154	3.982
65	4440	4441	SN	1	0.0	52.992	7.122	0.0	57.084	7.109	0.0	49.338	4.685	0.0	47.007	5.024	0.0	55.588	6.297	0.0	54.714	6.65	0.0	49.213	4.179	0.0	47.43	4.661
66	4440	4441	NS	1	0.0	42.267	1.596	0.0	41.546	1.537	0.0	41.054	1.434	0.0	43.336	1.527	0.0	47.021	1.295	0.0	42.961	1.268	0.0	38.62	1.217	0.0	40.521	1.27
67	4440	4441	NS	1	0.0	44.97	1.652	0.0	43.05	1.508	0.0	41.721	1.373	0.0	42.391	1.51	0.0	43.799	1.362	0.0	42.395	1.286	0.0	40.026	1.215	0.0	39.777	1.332

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Deviations
Alarming
High Errors

68	4440	4441	SN	1	0.0	50.595	2.327	0.0	54.006	2.399	0.0	43.998	1.243	0.0	45.918	1.51	0.0	48.655	1.988	0.0	52.017	2.074	0.0	43.039	1.063	0.0	43.896	1.241
69	4441	4442	SN	1	0.0	52.533	1.571	0.0	46.518	1.539	0.0	40.163	0.944	0.0	49.957	0.922	0.0	54.434	1.386	0.0	42.134	1.327	0.0	41.34	0.783	0.0	46.475	0.778
70	4441	4442	SN	1	0.0	44.332	5.092	0.0	51.636	5.258	0.0	52.015	3.408	0.0	46.209	3.661	0.0	47.294	4.55	0.0	51.041	4.663	0.0	50.3	3.04	0.0	46.941	3.077
71	4441	4442	NS	1	0.0	51.834	2.542	0.0	49.275	2.108	0.0	40.828	1.77	0.0	44.142	1.837	0.0	48.831	2.354	0.0	46.488	1.933	0.0	39.486	1.749	0.0	43.544	1.668
72	4441	4442	NS	1	0.0	49.657	2.426	0.0	53.696	2.156	0.0	40.768	1.784	0.0	40.203	1.786	0.0	48.309	2.263	0.0	49.215	2.002	0.0	37.374	1.853	0.0	42.782	1.681
73	4441	4442	NS	1	0.0	49.179	6.879	0.0	42.759	6.825	0.0	45.049	5.811	0.0	44.602	5.473	0.0	48.165	6.879	0.0	42.749	6.443	0.0	44.045	5.754	0.0	46.867	5.337
74	4441	4442	NS	1	0.0	45.459	6.99	0.0	46.712	6.339	0.0	44.544	5.743	0.0	44.925	5.57	0.0	45.675	6.99	0.0	47.729	6.048	0.0	45.241	5.643	0.0	45.639	5.406
75	4441	4442	SN	1	0.0	44.332	5.092	0.0	51.636	5.258	0.0	52.015	3.408	0.0	46.209	3.661	0.0	47.294	4.55	0.0	51.041	4.663	0.0	50.3	3.04	0.0	46.941	3.077
76	4441	4442	SN	1	0.0	52.533	1.571	0.0	46.518	1.539	0.0	40.163	0.944	0.0	49.957	0.922	0.0	54.434	1.386	0.0	42.134	1.327	0.0	41.34	0.783	0.0	46.475	0.778
77	4442	4443	NS	1	0.0	47.098	3.479	0.0	55.65	2.656	0.0	47.58	2.536	0.0	46.634	2.261	0.0	46.241	3.139	0.0	52.224	2.421	0.0	44.144	2.309	0.0	44.079	1.953
78	4442	4443	SN	1	0.0	48.93	5.399	0.0	51.529	5.279	0.0	45.073	4.013	0.0	41.173	4.402	0.0	46.844	4.886	0.0	51.815	4.834	0.0	44.357	3.729	0.0	39.817	3.932
79	4442	4443	NS	1	0.0	50.472	10.521	0.0	50.658	8.755	0.0	46.585	8.105	0.0	45.109	7.589	0.0	52.684	9.817	0.0	51.274	8.091	0.0	48.425	7.721	0.0	43.709	6.891
80	4442	4443	SN	1	0.0	45.327	1.73	0.0	51.988	1.688	0.0	45.336	1.21	0.0	41.003	1.309	0.0	40.775	1.475	0.0	52.821	1.532	0.0	45.974	1.125	0.0	40.455	1.087
81	4443	4444	SN	1	0.0	47.236	1.605	0.0	45.999	1.537	0.0	36.915	1.188	0.0	40.417	1.059	0.0	45.403	1.366	0.0	46.026	1.289	0.0	36.774	1.031	0.0	38.714	0.901
82	4443	4444	NS	1	0.0	53.464	7.052	0.0	51.204	5.973	0.0	46.75	5.322	0.0	48.228	4.754	0.0	55.075	6.237	0.0	50.65	5.37	0.0	46.354	5.129	0.0	47.168	4.512
83	4443	4444	NS	1	0.0	43.953	2.178	0.0	51.023	1.86	0.0	38.288	1.713	0.0	40.259	1.626	0.0	45.01	1.868	0.0	55.572	1.579	0.0	36.17	1.541	0.0	40.95	1.468
84	4443	4444	SN	1	0.0	47.73	5.315	0.0	53.19	4.946	0.0	41.339	3.749	0.0	49.439	3.84	0.0	46.095	4.732	0.0	52.295	4.442	0.0	41.403	3.366	0.0	49.174	3.484
85	4444	4445	SN	1	0.0	49.577	6.357	0.0	53.254	6.006	0.0	47.621	4.352	0.0	47.295	4.417	0.0	49.752	5.715	0.0	50.957	5.239	0.0	44.77	3.821	0.0	49.22	3.847
86	4444	4445	NS	1	0.0	42.431	2.019	0.0	43.214	1.66	0.0	44.64	1.45	0.0	40.545	1.383	0.0	39.934	1.709	0.0	48.669	1.446	0.0	44.874	1.286	0.0	40.188	1.159
87	4444	4445	NS	1	0.0	42.431	2.006	0.0	43.214	1.651	0.0	44.64	1.441	0.0	40.545	1.375	0.0	39.934	1.698	0.0	48.669	1.438	0.0	44.874	1.277	0.0	40.188	1.153
88	4444	4445	NS	1	0.0	49.521	5.252	0.0	52.748	4.263	0.0	43.472	4.324	0.0	40.934	4.056	0.0	52.291	4.507	0.0	51.475	3.559	0.0	44.21	4.067	0.0	39.311	3.713
89	4444	4445	NS	1	0.0	49.521	5.287	0.0	52.748	4.285	0.0	43.472	4.352	0.0	40.934	4.077	0.0	52.291	4.538	0.0	51.475	3.578	0.0	44.21	4.094	0.0	39.311	3.733
90	4444	4445	SN	1	0.0	42.552	1.994	0.0	49.348	1.845	0.0	40.222	1.236	0.0	45.304	1.156	0.0	40.733	1.751	0.0	45.941	1.569	0.0	40.437	1.047	0.0	43.801	0.98
91	4445	4446	NS	1	0.0	43.912	2.501	0.0	47.994	2.143	0.0	37.615	1.934	0.0	41.644	1.813	0.0	41.908	2.345	0.0	45.231	1.975	0.0	37.387	1.763	0.0	39.931	1.649
92	4445	4446	NS	1	0.0	42.411	6.674	0.0	46.877	6.379	0.0	42.442	5.944	0.0	44.011	5.766	0.0	41.628	5.986	0.0	48.103	5.797	0.0	41.625	5.532	0.0	43.332	5.154
93	4445	4446	SN	1	0.0	49.786	1.573	0.0	49.243	1.849	0.0	42.747	1.483	0.0	37.014	1.433	0.0	49.711	1.366	0.0	45.537	1.605	0.0	38.471	1.255	0.0	36.476	1.245
94	4445	4446	SN	1	0.0	46.786	5.585	0.0	53.065	6.127	0.0	43.409	4.628	0.0	43.178	4.788	0.0	48.082	4.57	0.0	53.061	5.612	0.0	45.024	4.089	0.0	42.254	4.538
95	4445	4446	NS	1	0.0	42.411	6.449	0.0	46.877	6.163	0.0	42.442	5.748	0.0	44.011	5.573	0.0	41.628	5.785	0.0	48.103	5.6	0.0	41.625	5.349	0.0	43.332	4.982
96	4445	4446	NS	1	0.0	43.912	2.587	0.0	47.994	2.213	0.0	37.615	1.998	0.0	41.644	1.873	0.0	41.908	2.425	0.0	45.231	2.04	0.0	37.387	1.823	0.0	39.931	1.704
97	4446	4447	NS	1	0.0	41.699	2.917	0.0	49.575	2.68	0.0	39.02	2.019	0.0	39.035	2.201	0.0	43.408	2.471	0.0	52.816	2.34	0.0	39.45	1.905	0.0	39.215	2.018
98	4446	4447	NS	1	0.0	41.699	2.968	0.0	49.575	2.724	0.0	39.02	2.056	0.0	39.035	2.238	0.0	43.408	2.514	0.0	52.816	2.381	0.0	39.45	1.942	0.0	39.215	2.052
99	4446	4447	SN	1	0.0	49.821	5.879	0.0	49.188	5.28	0.0	45.701	4.552	0.0	43.141	4.839	0.0	50.795	5.537	0.0	49.211	4.866	0.0	45.995	4.431	0.0	40.591	4.312
100	4446	4447	NS	1	0.0	48.095	8.01	0.0	47.759	7.873	0.0	39.035	6.273	0.0	47.719	6.899	0.0	51.161	6.944	0.0	46.848	6.817	0.0	39.924	5.667	0.0	49.577	6.158
101	4446	4447	SN	1	0.0	47.25	2.049	0.0	47.18	1.689	0.0	38.895	1.563	0.0	36.732	1.56	0.0	44.453	1.866	0.0	45.749	1.515	0.0	42.997	1.489	0.0	38.618	1.345
102	4446	4447	NS	1	0.0	48.095	8.156	0.0	47.759	8.019	0.0	39.035	6.382	0.0	47.719	7.025	0.0	51.161	7.07	0.0	46.848	6.944	0.0	39.924	5.766	0.0	49.577	6.27
103	4447	4448	NS	1	0.0	53.113	3.32	0.0	45.401	2.74	0.0	43.709	2.295	0.0	44.906	2.23	0.0	51.206	3.126	0.0	43.946	2.57	0.0	44.613	2.139	0.0	44.319	2.005

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Alarming
Deviations
High Errors

104	4447	4448	NS	1	0.0	52.866	9.409	0.0	54.406	8.361	0.0	47.722	7.336	0.0	45.07	6.805	0.0	53.669	8.972	0.0	53.392	7.89	0.0	48.237	7.409	0.0	44.976	6.634
105	4448	4449	SN	1	0.0	45.012	1.966	0.0	45.013	1.874	0.0	45.872	1.358	0.0	40.336	1.21	0.0	45.543	1.635	0.0	44.037	1.61	0.0	43.985	1.151	0.0	40.199	1.025
106	4448	4449	SN	1	0.0	50.158	5.89	0.0	49.676	5.644	0.0	46.599	4.474	0.0	46.636	4.511	0.0	53.444	5.186	0.0	47.006	5.109	0.0	46.17	3.765	0.0	43.935	3.941
107	4449	4450	SN	1	0.0	54.538	7.386	0.0	49.128	6.117	0.0	48.758	5.249	0.0	48.591	5.261	0.0	53.488	6.968	0.0	47.642	5.441	0.0	46.108	5.163	0.0	48.362	5.041
108	4449	4450	NS	1	0.0	48.024	1.734	0.0	50.807	1.31	0.0	39.588	1.066	0.0	41.699	0.925	0.0	51.145	1.474	0.0	47.475	1.16	0.0	37.997	0.936	0.0	41.337	0.836
109	4449	4450	SN	1	0.0	43.715	2.328	0.0	42.443	1.976	0.0	45.223	1.751	0.0	41.531	1.701	0.0	43.013	2.155	0.0	40.311	1.768	0.0	45.754	1.664	0.0	42.528	1.587
110	4449	4450	SN	1	0.0	43.715	2.364	0.0	42.443	1.954	0.0	45.223	1.774	0.0	41.531	1.683	0.0	43.013	2.188	0.0	40.311	1.749	0.0	45.754	1.686	0.0	42.528	1.57
111	4449	4450	SN	1	0.0	54.538	7.279	0.0	49.128	6.182	0.0	48.758	5.176	0.0	48.591	5.32	0.0	53.488	6.866	0.0	47.642	5.498	0.0	46.108	5.091	0.0	48.362	5.097
112	4449	4450	NS	1	0.0	48.522	5.161	0.0	57.572	4.053	0.0	42.911	3.728	0.0	44.789	3.429	0.0	48.767	4.618	0.0	56.14	3.751	0.0	40.837	3.464	0.0	49.26	3.115
113	4450	4451	SN	1	0.0	36.088	1.249	0.0	37.451	0.975	0.0	43.775	0.802	0.0	39.736	0.885	0.0	33.533	1.153	0.0	36.861	0.896	0.0	40.264	0.745	0.0	36.839	0.832
114	4450	4451	NS	1	0.0	47.914	2.558	0.0	45.352	2.556	0.0	39.756	1.755	0.0	41.294	1.86	0.0	47.009	2.142	0.0	45.545	2.098	0.0	38.554	1.574	0.0	38.997	1.465
115	4450	4451	SN	1	0.0	48.158	6.51	0.439	54.252	6.208	0.0	43.661	5.45	0.0	47.298	5.882	0.0	50.338	6.57	0.089	53.954	5.794	0.0	45.115	5.337	0.0	45.124	5.696
116	4450	4451	NS	1	0.0	45.152	0.896	0.0	40.937	0.834	0.0	37.557	0.493	0.0	44.515	0.686	0.0	43.924	0.742	0.0	41.628	0.701	0.0	37.041	0.42	0.0	39.762	0.536
117	4450	4451	SN	1	0.0	42.054	2.225	0.0	43.335	2.169	0.0	43.775	1.758	0.0	47.57	1.848	0.0	42.225	2.061	0.0	40.617	1.937	0.0	40.264	1.8	0.0	44.086	1.756
118	4450	4451	NS	1	0.0	45.152	1.123	0.0	49.707	1.035	0.0	41.235	0.709	0.0	44.515	0.957	0.0	43.924	0.966	0.0	51.236	0.869	0.0	37.188	0.591	0.0	39.762	0.767
119	4450	4451	SN	1	0.0	46.34	3.981	0.0	51.591	2.838	0.0	42.089	2.986	0.0	45.25	2.624	0.0	50.334	4.074	0.0	53.954	2.708	0.0	41.128	2.665	0.0	45.124	2.605
120	4450	4451	NS	1	0.0	47.914	3.824	0.0	51.548	3.205	0.0	41.005	2.595	0.0	51.872	2.936	0.0	47.009	3.22	0.0	49.414	2.572	0.0	39.704	2.288	0.0	52.989	2.387
121	4451	4452	SN	1	0.0	48.112	2.647	0.0	43.189	2.336	0.0	38.302	2.123	0.0	39.823	2.088	0.0	46.079	2.402	0.0	45.173	2.016	0.0	37.085	1.998	0.0	41.233	1.855
122	4451	4452	SN	1	0.0	48.201	8.148	0.014	50.74	7.146	0.0	41.715	6.23	0.0	45.483	6.038	0.0	50.918	7.576	0.167	51.604	6.622	0.0	39.932	5.989	0.0	42.864	5.675
123	4451	4452	NS	1	0.0	41.328	1.354	0.0	42.371	1.186	0.0	44.555	0.884	0.0	37.147	0.955	0.0	40.346	1.08	0.0	42.849	0.951	0.0	41.793	0.726	0.0	36.125	0.831
124	4451	4452	NS	1	0.0	47.228	3.822	0.0	49.891	3.205	0.0	45.094	3.27	0.0	45.705	3.406	0.0	48.642	3.168	0.0	50.16	2.672	0.0	42.981	2.779	0.0	46.255	2.971
125	4452	4453	SN	1	0.0	45.66	2.754	0.0	40.474	2.562	0.0	38.302	2.388	0.0	42.21	2.34	0.0	43.26	2.331	0.0	38.078	2.149	0.0	36.45	2.088	0.0	42.678	1.974
126	4452	4453	NS	1	0.0	50.358	4.234	0.0	51.551	3.597	0.0	43.944	2.871	0.0	40.988	2.672	0.0	51.441	3.802	0.0	51.341	3.105	0.0	42.885	2.629	0.0	41.822	2.401
127	4452	4453	SN	1	0.0	46.333	7.391	0.0	43.757	7.187	0.0	44.999	6.688	0.0	44.744	6.71	0.0	43.684	6.548	0.0	44.023	6.077	0.0	46.042	6.043	0.0	41.456	5.962
128	4452	4453	NS	1	0.0	45.084	1.195	0.0	45.208	1.118	0.0	47.187	0.809	0.0	42.85	0.768	0.0	48.223	1.016	0.0	42.031	0.951	0.0	43.348	0.71	0.0	45.718	0.638
129	4453	4454	SN	1	0.0	48.197	3.497	0.0	46.644	3.357	0.0	39.605	2.295	0.0	43.113	2.493	0.0	48.951	3.332	0.0	45.194	3.064	0.0	35.662	2.154	0.0	39.85	2.3
130	4453	4454	SN	1	0.0	48.197	3.547	0.0	46.644	3.395	0.0	39.605	2.353	0.0	43.113	2.47	0.0	48.951	3.398	0.0	45.194	3.11	0.0	36.169	2.225	0.0	39.85	2.275
131	4453	4454	NS	1	0.0	44.255	2.82	0.0	48.184	2.263	0.0	39.15	1.821	0.0	39.199	1.697	0.0	47.506	2.756	0.0	47.006	2.095	0.0	40.534	1.796	0.0	37.743	1.64
132	4453	4454	NS	1	0.0	51.489	2.877	0.0	50.449	2.171	0.0	45.013	1.726	0.0	44.136	1.727	0.0	52.744	2.71	0.0	47.867	2.013	0.0	45.176	1.722	0.0	45.563	1.602
133	4453	4454	SN	1	0.0	48.197	3.497	0.0	46.644	3.367	0.0	37.629	2.32	0.0	43.113	2.533	0.0	48.951	3.34	0.0	45.194	3.081	0.0	35.662	2.169	0.0	39.85	2.335
134	4453	4454	NS	1	0.0	56.082	8.69	0.0	51.24	7.375	0.0	45.899	5.85	0.0	46.924	5.835	0.0	55.493	8.761	0.0	52.242	6.943	0.0	45.278	5.622	0.0	44.345	5.35
135	4453	4454	SN	1	0.0	52.893	11.401	0.0	51.979	11.359	0.0	43.704	7.716	0.0	41.845	7.714	0.0	53.651	11.01	0.0	54.064	10.996	0.0	43.673	7.497	0.0	42.633	7.187
136	4453	4454	SN	1	0.0	52.893	11.171	0.0	51.979	10.988	0.0	43.704	7.412	0.0	41.845	7.76	0.0	53.651	10.678	0.0	54.064	10.626	0.0	43.673	7.141	0.0	42.633	7.28
137	4453	4454	SN	1	0.0	52.893	11.267	0.0	51.979	11.281	0.0	43.704	7.542	0.0	41.845	7.725	0.0	53.651	10.863	0.0	54.064	10.912	0.0	43.673	7.279	0.0	42.633	7.212
138	4453	4454	NS	1	0.0	51.271	9.425	0.0	47.872	7.528	0.0	46.398	6.003	0.0	46.582	5.559	0.0	52.477	9.063	0.0	49.588	7.096	0.0	48.236	5.804	0.0	45.776	5.11
139	4454	4455	NS	1	0.0	51.286	5.646	0.0	56.982	4.614	0.0	49.485	4.006	0.0	45.493	4.205	0.0	49.242	4.791	0.0	57.043	3.991	0.0	47.545	3.892	0.0	47.28	3.72

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Deviations
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140	4454	4455	NS	1	0.0	47.682	4.598	0.0	56.982	4.629	0.0	43.791	3.077	0.0	45.493	3.642	0.0	49.242	4.437	0.0	57.043	4.092	0.0	45.082	3.05	0.0	47.28	3.228
141	4454	4455	SN	1	0.0	49.343	2.608	0.0	49.588	2.529	0.0	41.262	1.709	0.0	42.539	1.87	0.0	54.174	2.352	0.0	50.223	2.287	0.0	40.385	1.598	0.0	44.336	1.673
142	4454	4455	SN	1	0.0	38.946	0.431	0.0	34.733	0.377	0.0	35.85	0.699	0.0	33.058	0.219	0.0	39.324	0.431	0.0	36.945	0.314	0.0	35.001	0.724	0.0	33.29	0.201
143	4454	4455	SN	1	0.0	43.236	0.649	0.0	31.466	0.199	0.0	36.791	0.397	0.0	30.173	0.276	0.0	41.066	0.599	0.0	31.952	0.144	0.0	32.368	0.352	0.0	31.739	0.258
144	4454	4455	NS	1	0.0	48.276	1.819	0.0	46.235	1.633	0.0	41.139	1.357	0.0	37.227	1.274	0.0	50.55	1.522	0.0	45.616	1.434	0.0	37.248	1.2	0.0	38.206	1.083
145	4454	4455	SN	1	0.0	55.406	7.27	0.0	50.548	7.232	0.0	48.89	5.774	0.0	45.524	6.184	0.0	58.992	6.366	0.0	53.834	6.484	0.0	50.452	5.483	0.0	43.497	5.636
146	4454	4455	NS	1	0.0	35.734	1.723	0.0	46.235	1.526	0.0	35.794	1.22	0.0	37.123	1.122	0.0	35.661	1.518	0.0	45.616	1.34	0.0	34.014	1.124	0.0	38.206	0.97
147	4454	4455	SN	1	0.0	46.152	2.864	0.0	32.796	0.826	0.0	39.074	1.514	0.0	44.325	0.789	0.0	41.519	2.685	0.0	31.703	0.688	0.0	39.685	1.364	0.0	40.651	0.652
148	4454	4455	SN	1	0.0	39.322	1.248	0.0	37.27	0.852	0.0	43.229	2.458	0.0	31.401	0.544	0.0	40.657	1.126	0.0	38.041	0.809	0.0	45.23	2.52	0.0	30.515	0.512
149	4455	4456	SN	1	0.0	42.538	2.068	0.0	52.38	2.037	0.0	47.85	1.144	0.0	43.211	1.175	0.0	41.32	1.603	0.0	47.315	1.731	0.0	46.102	0.926	0.0	42.384	0.944
150	4455	4456	NS	1	0.0	50.588	5.797	0.0	45.689	5.026	0.0	39.099	4.689	0.0	42.239	4.511	0.0	49.333	5.324	0.0	47.901	4.373	0.0	38.146	4.561	0.0	39.906	4.183
151	4455	4456	SN	1	0.0	51.124	6.493	0.0	51.914	6.213	0.0	46.699	4.415	0.0	46.559	4.454	0.0	51.045	5.633	0.0	53.363	5.626	0.0	46.501	3.73	0.0	46.163	3.843
152	4455	4456	SN	1	0.0	42.538	2.16	0.0	52.38	2.087	0.0	47.85	1.233	0.0	43.211	1.303	0.0	41.32	1.703	0.0	47.315	1.781	0.0	46.102	1.028	0.0	42.384	1.078
153	4455	4456	NS	1	0.0	43.191	2.095	0.0	49.393	1.732	0.0	39.698	1.531	0.0	38.715	1.416	0.0	43.068	1.887	0.0	47.375	1.608	0.0	38.015	1.486	0.0	39.091	1.288
154	4455	4456	NS	1	0.0	49.437	5.685	0.0	47.578	4.857	0.0	43.167	4.831	0.0	41.801	4.376	0.0	50.338	5.272	0.0	45.124	4.566	0.0	40.452	4.66	0.0	41.681	3.991
155	4455	4456	NS	1	0.0	47.139	2.187	0.0	44.124	1.715	0.0	39.741	1.61	0.0	41.899	1.409	0.0	45.904	1.956	0.0	42.016	1.581	0.0	43.01	1.535	0.0	38.678	1.267
156	4455	4456	SN	1	0.0	51.124	6.9	0.0	51.914	6.618	0.0	46.699	4.676	0.0	46.559	4.827	0.0	51.045	6.076	0.0	53.363	6.036	0.0	46.501	4.031	0.0	46.163	4.222
157	4455	4456	SN	1	0.0	42.538	2.156	0.0	52.38	2.068	0.0	47.85	1.233	0.0	43.211	1.293	0.0	41.32	1.699	0.0	47.315	1.763	0.0	46.102	1.028	0.0	42.384	1.068
158	4455	4456	SN	1	0.0	51.124	6.888	0.0	51.914	6.543	0.0	46.699	4.676	0.0	46.559	4.773	0.0	51.045	6.065	0.0	53.363	5.968	0.0	46.501	4.038	0.0	46.163	4.175
159	4456	4457	NS	1	0.0	50.7	8.592	0.0	51.108	6.744	0.0	41.051	6.136	0.0	47.451	5.587	0.0	51.14	8.341	0.0	50.896	6.704	0.0	43.325	6.1	0.0	46.744	5.437
160	4456	4457	NS	1	0.0	50.7	8.592	0.0	51.108	6.744	0.0	41.051	6.136	0.0	47.451	5.587	0.0	51.14	8.341	0.0	50.896	6.704	0.0	43.325	6.1	0.0	46.744	5.437
161	4456	4457	NS	1	0.0	51.543	8.43	0.0	47.855	6.978	0.0	49.547	5.899	0.0	43.902	5.46	0.0	54.868	8.208	0.0	49.49	6.817	0.0	49.467	5.92	0.0	43.256	5.253
162	4456	4457	SN	1	0.0	49.973	5.045	0.0	50.902	5.361	0.0	49.987	3.303	0.0	51.223	4.161	0.0	51.329	4.442	0.0	48.415	4.644	0.0	47.113	2.871	0.0	49.516	3.477
163	4456	4457	SN	1	0.0	49.973	5.045	0.0	50.902	5.361	0.0	49.987	3.303	0.0	51.223	4.161	0.0	51.329	4.442	0.0	48.415	4.644	0.0	47.113	2.871	0.0	49.516	3.477
164	4456	4457	NS	1	0.0	49.973	2.712	0.0	50.369	2.204	0.0	39.868	1.813	0.0	42.504	1.678	0.0	51.155	2.547	0.0	48.678	2.172	0.0	39.044	1.754	0.0	43.04	1.52
165	4456	4457	NS	1	0.0	48.437	2.715	0.0	53.884	2.226	0.0	44.224	1.78	0.0	42.315	1.585	0.0	52.742	2.595	0.0	50.663	2.172	0.0	41.807	1.721	0.0	42.848	1.484
166	4456	4457	SN	1	0.0	45.903	1.502	0.0	48.43	1.562	0.0	42.564	0.942	0.0	46.356	1.098	0.0	45.142	1.263	0.0	45.037	1.352	0.0	43.521	0.773	0.0	46.731	0.924
167	4456	4457	NS	1	0.0	48.437	2.715	0.0	53.884	2.226	0.0	44.224	1.78	0.0	42.315	1.585	0.0	52.742	2.595	0.0	50.663	2.172	0.0	41.807	1.721	0.0	42.848	1.484
168	4456	4457	SN	1	0.0	45.903	1.502	0.0	48.43	1.562	0.0	42.564	0.942	0.0	46.356	1.098	0.0	45.142	1.263	0.0	45.037	1.352	0.0	43.521	0.773	0.0	46.731	0.924
169	4457	4458	NS	1	0.0	50.867	3.264	0.0	49.424	2.569	0.0	43.058	2.229	0.0	44.82	1.95	0.0	49.378	3.09	0.0	49.046	2.41	0.0	42.432	2.158	0.0	46.959	1.746
170	4457	4458	SN	1	0.0	46.834	5.4	0.0	52.002	4.907	0.0	44.354	3.326	0.0	47.241	3.626	0.0	46.65	4.987	0.0	52.035	4.634	0.0	47.027	3.248	0.0	46.964	3.27
171	4457	4458	NS	1	0.0	51.606	9.497	0.0	49.813	7.903	0.0	46.012	6.916	0.0	44.96	6.358	0.0	51.664	9.034	0.0	49.365	7.662	0.0	46.409	6.724	0.0	48.687	5.931
172	4457	4458	NS	1	0.0	51.606	9.497	0.0	49.813	7.903	0.0	46.012	6.909	0.0	44.96	6.358	0.0	51.664	9.034	0.0	49.365	7.662	0.0	46.409	6.717	0.0	48.687	5.931
173	4457	4458	SN	1	0.0	43.116	1.664	0.0	50.118	1.58	0.0	39.17	1.031	0.0	42.409	1.163	0.0	41.594	1.507	0.0	52.593	1.411	0.0	42.149	1.007	0.0	46.055	1.0
174	4457	4458	NS	1	0.0	50.867	3.264	0.0	49.424	2.569	0.0	43.058	2.229	0.0	44.82	1.95	0.0	49.378	3.09	0.0	49.046	2.41	0.0	42.432	2.158	0.0	46.959	1.746
175	4458	4459	SN	1	0.0	8.102	0.0	0.0	15.3	0.0	100000.0	-100000.0	0.0	0.0	9.605	0.0	0.0	7.173	0.0	0.0	10.493	0.0	100000.0	-100000.0	0.0	0.0	7.584	0.0

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Deviations
Alarming
High Errors

176	4458	4459	SN	1	100000.0	-100000.0	0.0	0.0	13.25	0.0	100000.0	-100000.0	0.0	0.0	12.532	0.0	100000.0	-100000.0	0.0	0.0	9.169	0.0	100000.0	-100000.0	0.0	0.0	8.608	0.0
177	4458	4459	NS	1	0.0	47.468	2.64	0.0	45.994	2.334	0.0	39.421	1.662	0.0	39.155	1.842	0.0	46.836	2.479	0.0	44.4	2.196	0.0	40.342	1.599	0.0	37.468	1.716
178	4458	4459	NS	1	0.0	54.662	7.656	0.0	50.089	7.355	0.0	47.332	5.58	0.0	45.746	5.82	0.0	52.996	7.213	0.0	51.043	6.873	0.0	47.061	5.409	0.0	43.709	5.642
179	4459	4460	NS	1	0.0	48.659	6.368	0.0	49.15	5.301	0.0	42.99	4.539	0.0	47.816	4.575	0.0	47.878	5.594	0.0	49.613	4.817	0.0	44.328	4.233	0.0	45.888	3.752
180	4459	4460	NS	1	0.0	41.902	2.135	0.0	40.46	1.832	0.0	40.989	1.631	0.0	39.0	1.559	0.0	42.032	1.823	0.0	38.774	1.533	0.0	37.479	1.439	0.0	37.763	1.224

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Deviations
Alarming
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	4434	4435	SN	1	0.0	32.792	15.954	0.0	27.305	14.085	0.0	185.949	13.566	0.0	64.685	13.341	0.0	1.898	0.0	0.0	1.947	0.0	0.0	2.062	0.0	0.0	2.126	0.0
2	4434	4435	NS	1	0.0	27.371	8.291	0.0	25.75	8.383	0.0	350.669	2.368	0.0	50.694	1.922	0.0	1.907	0.0	0.0	1.853	0.0	0.0	2.038	0.0	0.0	2.015	0.0
3	4434	4435	NS	1	0.0	27.371	8.291	0.0	25.75	8.383	0.0	350.669	2.368	0.0	50.694	1.922	0.0	1.907	0.0	0.0	1.853	0.0	0.0	2.038	0.0	0.0	2.015	0.0
4	4434	4435	SN	1	0.0	24.68	9.717	0.0	26.555	9.778	0.0	202.555	3.772	0.0	14.278	4.168	0.0	1.89	0.0	0.0	1.964	0.0	0.0	2.058	0.0	0.0	2.11	0.0
5	4434	4435	SN	1	0.0	32.792	15.972	0.0	27.305	13.821	0.0	185.949	13.705	0.0	16.606	12.934	0.0	1.898	0.0	0.0	1.947	0.0	0.0	2.062	0.0	0.0	2.126	0.0
6	4434	4435	SN	1	0.0	30.04	15.927	0.0	27.305	14.138	0.0	185.949	13.566	0.0	64.685	13.454	0.0	1.898	0.0	0.0	1.947	0.0	0.0	2.062	0.0	0.0	2.126	0.0
7	4434	4435	SN	1	0.0	24.68	9.691	0.0	27.636	9.796	0.0	202.555	3.726	0.0	142.306	4.34	0.0	1.89	0.0	0.0	1.964	0.0	0.0	2.058	0.0	0.0	2.11	0.0
8	4434	4435	NS	1	0.0	27.316	14.934	0.0	32.467	14.234	0.0	355.963	10.85	0.0	57.411	10.063	0.0	1.912	0.0	0.0	1.863	0.0	0.0	2.043	0.0	0.0	2.016	0.0
9	4434	4435	NS	1	0.0	27.316	14.934	0.0	32.467	14.234	0.0	355.963	10.85	0.0	57.411	10.063	0.0	1.912	0.0	0.0	1.863	0.0	0.0	2.043	0.0	0.0	2.016	0.0
10	4434	4435	SN	1	0.0	24.68	9.685	0.0	27.636	9.847	0.0	202.555	3.726	0.0	142.306	4.389	0.0	1.89	0.0	0.0	1.964	0.0	0.0	2.058	0.0	0.0	2.11	0.0
11	4435	4436	NS	1	0.0	27.31	15.009	0.0	33.592	14.179	0.0	356.2	10.798	0.0	54.935	10.051	0.0	1.913	0.0	0.0	1.86	0.0	0.0	2.044	0.0	0.0	2.016	0.0
12	4435	4436	SN	1	0.0	24.68	9.71	0.0	26.577	9.767	0.0	192.545	3.775	0.0	14.289	4.264	0.0	1.889	0.0	0.0	1.964	0.0	0.0	2.061	0.0	0.0	2.109	0.0
13	4435	4436	SN	1	0.0	30.051	15.931	0.0	27.305	14.077	0.0	209.862	13.541	0.0	65.491	13.62	0.0	1.898	0.0	0.0	1.947	0.0	0.0	2.063	0.0	0.0	2.124	0.0
14	4435	4436	SN	1	0.0	24.68	9.71	0.0	26.726	9.769	0.0	192.545	3.775	0.0	14.289	4.269	0.0	1.889	0.0	0.0	1.964	0.0	0.0	2.061	0.0	0.0	2.109	0.0
15	4435	4436	SN	1	0.0	32.599	15.966	0.0	27.305	13.864	0.0	209.862	13.613	0.0	19.926	13.263	0.0	1.898	0.0	0.0	1.947	0.0	0.0	2.063	0.0	0.0	2.124	0.0
16	4435	4436	SN	1	0.0	32.599	15.966	0.0	27.305	13.864	0.0	209.862	13.613	0.0	19.926	13.263	0.0	1.898	0.0	0.0	1.947	0.0	0.0	2.063	0.0	0.0	2.124	0.0
17	4435	4436	NS	1	0.0	27.327	14.943	0.0	33.344	14.162	0.0	357.921	10.851	0.0	58.012	10.027	0.0	1.904	0.0	0.0	1.86	0.0	0.0	2.044	0.0	0.0	2.015	0.0
18	4435	4436	SN	1	0.0	24.68	9.694	0.0	27.707	9.816	0.0	192.545	3.756	0.0	67.233	4.442	0.0	1.889	0.0	0.0	1.964	0.0	0.0	2.061	0.0	0.0	2.109	0.0
19	4435	4436	NS	1	0.0	27.426	8.285	0.0	25.75	8.362	0.0	342.187	2.327	0.0	51.328	1.893	0.0	1.906	0.0	0.0	1.854	0.0	0.0	2.038	0.0	0.0	2.015	0.0
20	4435	4436	NS	1	0.0	27.939	8.288	0.0	25.755	8.378	0.0	334.355	2.34	0.0	36.382	1.885	0.0	1.906	0.0	0.0	1.854	0.0	0.0	2.037	0.0	0.0	2.015	0.0
21	4436	4437	SN	1	0.0	24.663	9.723	0.0	47.261	9.784	0.0	221.863	3.862	0.0	14.295	4.265	0.0	1.888	0.0	0.0	1.965	0.0	0.0	2.064	0.0	0.0	2.112	0.0
22	4436	4437	SN	1	0.0	24.663	9.712	0.0	47.261	9.799	0.0	221.863	3.832	0.0	156.91	4.407	0.0	1.888	0.0	0.0	1.965	0.0	0.0	2.064	0.0	0.0	2.112	0.0
23	4436	4437	NS	1	0.0	27.321	14.997	0.0	33.603	14.145	0.0	356.459	10.805	0.0	54.428	10.054	0.0	1.905	0.0	0.0	1.859	0.0	0.0	2.042	0.0	0.0	2.015	0.0
24	4436	4437	SN	1	0.0	32.698	15.947	0.006	194.942	13.936	0.0	182.795	13.62	0.0	18.602	13.299	0.0	1.898	0.0	0.0	1.939	0.0	0.0	2.071	0.0	0.0	2.116	0.0
25	4436	4437	SN	1	0.0	30.768	15.905	0.0	194.942	14.122	0.0	182.795	13.536	0.0	66.235	13.735	0.0	1.898	0.0	0.0	1.939	0.0	0.0	2.071	0.0	0.0	2.116	0.0
26	4436	4437	SN	1	0.0	32.698	15.932	0.006	194.942	14.111	0.0	182.795	13.535	0.0	66.235	13.607	0.0	1.898	0.0	0.0	1.939	0.0	0.0	2.071	0.0	0.0	2.116	0.0
27	4436	4437	SN	1	0.0	24.663	9.708	0.0	47.261	9.848	0.0	221.863	3.833	0.0	156.91	4.456	0.0	1.888	0.0	0.0	1.965	0.0	0.0	2.064	0.0	0.0	2.112	0.0
28	4436	4437	NS	1	0.0	27.845	8.254	0.0	27.04	8.332	0.0	335.728	2.328	0.0	36.746	1.88	0.0	1.906	0.0	0.0	1.854	0.0	0.0	2.038	0.0	0.0	2.015	0.0
29	4437	4438	SN	1	0.0	30.757	15.947	0.0	27.288	14.133	0.0	207.64	13.565	0.0	67.311	13.721	0.0	1.897	0.0	0.0	1.938	0.0	0.0	2.071	0.0	0.0	2.115	0.0
30	4437	4438	SN	1	0.0	32.737	15.973	0.0	27.288	14.111	0.0	207.64	13.563	0.0	67.311	13.593	0.0	1.897	0.0	0.0	1.938	0.0	0.0	2.071	0.0	0.0	2.115	0.0
31	4437	4438	SN	1	0.0	24.685	9.699	0.0	27.652	9.83	0.0	274.542	3.819	0.0	147.832	4.463	0.0	1.888	0.0	0.0	1.963	0.0	0.0	2.065	0.0	0.0	2.11	0.0

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

Normal
Alarming
Deviations
High Errors

32	4437	4438	NS	1	0.0	27.332	14.965	0.0	33.586	14.129	0.0	359.112	10.763	0.0	55.801	10.046	0.0	1.907	0.0	0.0	1.86	0.0	0.0	2.042	0.0	0.0	2.015	0.0
33	4437	4438	SN	1	0.0	32.737	15.974	0.0	27.288	13.796	0.0	207.64	13.685	0.0	16.65	13.163	0.0	1.897	0.0	0.0	1.938	0.0	0.0	2.071	0.0	0.0	2.115	0.0
34	4437	4438	NS	1	0.0	27.647	8.252	0.0	27.051	8.352	0.0	344.189	2.3	0.0	37.05	1.865	0.0	1.906	0.0	0.0	1.852	0.0	0.0	2.038	0.0	0.0	2.014	0.0
35	4437	4438	NS	1	0.0	27.945	8.247	0.0	27.04	8.342	0.0	292.259	2.299	0.0	57.395	1.871	0.0	1.906	0.0	0.0	1.852	0.0	0.0	2.038	0.0	0.0	2.015	0.0
36	4437	4438	SN	1	0.0	24.685	9.702	0.0	27.652	9.781	0.0	274.542	3.818	0.0	147.832	4.414	0.0	1.888	0.0	0.0	1.963	0.0	0.0	2.065	0.0	0.0	2.11	0.0
37	4437	4438	SN	1	0.0	24.685	9.723	0.0	25.49	9.751	0.0	274.542	3.865	0.0	14.306	4.238	0.0	1.888	0.0	0.0	1.963	0.0	0.0	2.065	0.0	0.0	2.11	0.0
38	4437	4438	NS	1	0.0	27.294	14.982	0.0	34.667	14.165	0.0	349.715	10.779	0.0	35.285	10.01	0.0	1.903	0.0	0.0	1.862	0.0	0.0	2.042	0.0	0.0	2.015	0.0
39	4438	4439	SN	1	0.0	32.77	15.979	0.0	26.748	13.652	0.0	213.028	13.791	0.0	15.878	13.057	0.0	1.898	0.0	0.0	1.933	0.0	0.0	2.07	0.0	0.0	2.115	0.0
40	4438	4439	SN	1	0.0	30.597	15.936	0.0	27.299	14.079	0.0	213.028	13.607	0.0	73.978	13.761	0.0	1.898	0.0	0.0	1.933	0.0	0.0	2.07	0.0	0.0	2.115	0.0
41	4438	4439	NS	1	0.0	27.878	8.245	0.0	27.046	8.336	0.0	352.152	2.294	0.0	58.382	1.864	0.0	1.905	0.0	0.0	1.852	0.0	0.0	2.038	0.0	0.0	2.013	0.0
42	4438	4439	SN	1	0.0	32.77	15.963	0.0	27.299	14.061	0.0	213.028	13.607	0.0	74.011	13.635	0.0	1.898	0.0	0.0	1.933	0.0	0.0	2.07	0.0	0.0	2.115	0.0
43	4438	4439	SN	1	0.0	24.685	9.727	0.0	25.496	9.75	0.0	228.928	3.879	0.0	14.295	4.211	0.0	1.888	0.0	0.0	1.963	0.0	0.0	2.066	0.0	0.0	2.11	0.0
44	4438	4439	SN	1	0.0	24.685	9.69	0.0	27.658	9.839	0.0	228.928	3.812	0.0	76.78	4.442	0.0	1.888	0.0	0.0	1.963	0.0	0.0	2.066	0.0	0.0	2.11	0.0
45	4438	4439	NS	1	0.0	27.31	14.985	0.0	33.586	14.132	0.0	358.869	10.799	0.0	55.757	10.032	0.0	1.913	0.0	0.0	1.86	0.0	0.0	2.042	0.0	0.0	2.014	0.0
46	4438	4439	SN	1	0.0	24.685	9.69	0.0	27.658	9.795	0.0	228.928	3.815	0.0	67.3	4.384	0.0	1.888	0.0	0.0	1.963	0.0	0.0	2.066	0.0	0.0	2.11	0.0
47	4438	4439	NS	1	0.0	27.31	14.954	0.0	33.2	14.175	0.0	349.952	10.787	0.0	57.025	10.031	0.0	1.913	0.0	0.0	1.86	0.0	0.0	2.042	0.0	0.0	2.014	0.0
48	4438	4439	NS	1	0.0	27.818	8.245	0.0	27.035	8.347	0.0	352.152	2.304	0.0	37.645	1.857	0.0	1.905	0.0	0.0	1.853	0.0	0.0	2.037	0.0	0.0	2.014	0.0
49	4439	4440	NS	1	0.0	27.818	8.254	0.0	25.744	8.311	0.0	352.428	2.297	0.0	44.787	1.88	0.0	1.907	0.0	0.0	1.854	0.0	0.0	2.037	0.0	0.0	2.014	0.0
50	4439	4440	NS	1	0.0	27.31	14.886	0.0	33.575	14.187	0.0	350.288	10.809	0.0	57.93	9.988	0.0	1.91	0.0	0.0	1.861	0.0	0.0	2.041	0.0	0.0	2.014	0.0
51	4439	4440	NS	1	0.0	27.31	14.975	0.0	32.555	14.172	0.0	351.303	10.753	0.0	39.851	9.949	0.0	1.901	0.0	0.0	1.862	0.0	0.0	2.042	0.0	0.0	2.014	0.0
52	4439	4440	SN	1	0.0	30.371	15.959	0.0	27.31	14.134	0.0	86.122	13.512	0.0	54.565	13.722	0.0	1.899	0.0	0.0	1.94	0.0	0.0	2.067	0.0	0.0	2.085	0.0
53	4439	4440	SN	1	0.0	24.669	9.705	0.0	27.663	9.854	0.0	263.104	3.805	0.0	161.559	4.438	0.0	1.889	0.0	0.0	1.96	0.0	0.0	2.064	0.0	0.0	2.111	0.0
54	4439	4440	SN	1	0.0	32.583	15.986	0.0	27.31	14.092	0.0	86.122	13.512	0.0	54.565	13.599	0.0	1.899	0.0	0.0	1.94	0.0	0.0	2.067	0.0	0.0	2.085	0.0
55	4439	4440	SN	1	0.0	24.669	9.771	0.0	25.49	9.741	0.0	263.104	3.918	0.0	14.295	4.193	0.0	1.889	0.0	0.0	1.96	0.0	0.0	2.064	0.0	0.0	2.111	0.0
56	4439	4440	SN	1	0.0	24.669	9.71	0.0	27.663	9.804	0.0	263.104	3.805	0.0	161.355	4.387	0.0	1.889	0.0	0.0	1.96	0.0	0.0	2.064	0.0	0.0	2.111	0.0
57	4439	4440	NS	1	0.0	28.06	8.277	0.0	25.75	8.296	0.0	349.328	2.301	0.0	41.561	1.882	0.0	1.906	0.0	0.0	1.854	0.0	0.0	2.037	0.0	0.0	2.014	0.0
58	4439	4440	SN	1	0.0	32.583	16.011	0.0	25.788	13.482	0.0	86.122	13.811	0.0	15.552	12.822	0.0	1.899	0.0	0.0	1.94	0.0	0.0	2.067	0.0	0.0	2.085	0.0
59	4440	4441	SN	1	0.0	24.658	9.731	0.0	27.663	9.824	0.0	262.95	3.777	0.0	277.962	4.405	0.0	1.889	0.0	0.0	1.962	0.0	0.0	2.064	0.0	0.0	2.107	0.0
60	4440	4441	SN	1	0.0	24.658	9.734	0.0	27.663	9.772	0.0	262.95	3.777	0.0	277.962	4.358	0.0	1.889	0.0	0.0	1.962	0.0	0.0	2.064	0.0	0.0	2.107	0.0
61	4440	4441	NS	1	0.0	27.321	15.017	0.0	32.61	14.164	0.0	351.59	10.782	0.0	46.822	10.02	0.0	1.907	0.0	0.0	1.862	0.0	0.0	2.042	0.0	0.0	2.015	0.0
62	4440	4441	SN	1	0.0	30.332	15.96	0.0	27.305	14.124	0.0	167.38	13.535	0.0	67.129	13.419	0.0	1.898	0.0	0.0	1.938	0.0	0.0	2.068	0.0	0.0	2.109	0.0
63	4440	4441	SN	1	0.0	37.965	15.987	0.0	27.305	14.082	0.0	167.38	13.535	0.0	67.14	13.299	0.0	1.898	0.0	0.0	1.938	0.0	0.0	2.068	0.0	0.0	2.109	0.0
64	4440	4441	NS	1	0.0	27.305	14.937	0.0	33.592	14.237	0.0	353.757	10.837	0.0	49.894	10.03	0.0	1.912	0.0	0.0	1.862	0.0	0.0	2.041	0.0	0.0	2.014	0.0
65	4440	4441	SN	1	0.0	37.965	16.122	0.0	25.534	13.322	0.0	167.38	13.948	0.0	14.731	12.37	0.0	1.898	0.0	0.0	1.938	0.0	0.0	2.068	0.0	0.0	2.109	0.0
66	4440	4441	NS	1	0.0	27.79	8.256	0.0	27.04	8.313	0.0	352.693	2.336	0.0	45.763	1.88	0.0	1.906	0.0	0.0	1.859	0.0	0.0	2.038	0.0	0.0	2.013	0.0
67	4440	4441	NS	1	0.0	28.011	8.272	0.0	27.04	8.323	0.0	349.968	2.34	0.0	42.427	1.873	0.0	1.906	0.0	0.0	1.856	0.0	0.0	2.039	0.0	0.0	2.013	0.0
68	4440	4441	SN	1	0.0	24.658	9.856	0.0	26.555	9.682	0.0	262.95	3.946	0.0	14.289	4.12	0.0	1.889	0.0	0.0	1.962	0.0	0.0	2.064	0.0	0.0	2.107	0.0

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

Normal
Deviations
Alarming
High Errors

69	4441	4442	SN	1	0.0	24.691	9.712	0.0	27.724	9.798	0.0	183.749	3.73	0.0	70.2	4.291	0.0	1.89	0.0	0.0	1.961	0.0	0.0	2.063	0.0	0.0	2.103	0.0
70	4441	4442	SN	1	0.0	32.792	16.0	0.0	27.299	14.08	0.0	351.716	13.52	0.0	73.129	13.263	0.0	1.898	0.0	0.0	1.941	0.0	0.0	2.064	0.0	0.0	2.12	0.0
71	4441	4442	NS	1	0.0	27.763	8.257	0.0	25.75	8.335	0.0	355.908	2.338	0.0	46.662	1.895	0.0	1.906	0.0	0.0	1.853	0.0	0.0	2.038	0.0	0.0	2.014	0.0
72	4441	4442	NS	1	0.0	28.104	8.282	0.0	25.75	8.349	0.0	350.327	2.328	0.0	43.232	1.882	0.0	1.905	0.0	0.0	1.852	0.0	0.0	2.038	0.0	0.0	2.014	0.0
73	4441	4442	NS	1	0.0	27.305	15.026	0.0	32.671	14.273	0.0	355.82	10.782	0.0	46.911	10.076	0.0	1.91	0.0	0.0	1.86	0.0	0.0	2.043	0.0	0.0	2.015	0.0
74	4441	4442	NS	1	0.0	27.305	14.925	0.0	33.244	14.225	0.0	355.82	10.859	0.0	59.694	9.994	0.0	1.914	0.0	0.0	1.86	0.0	0.0	2.043	0.0	0.0	2.014	0.0
75	4441	4442	SN	1	0.0	32.792	16.0	0.0	27.299	14.08	0.0	351.716	13.52	0.0	73.129	13.263	0.0	1.898	0.0	0.0	1.941	0.0	0.0	2.064	0.0	0.0	2.12	0.0
76	4441	4442	SN	1	0.0	24.691	9.712	0.0	27.724	9.798	0.0	183.749	3.73	0.0	70.2	4.291	0.0	1.89	0.0	0.0	1.961	0.0	0.0	2.063	0.0	0.0	2.103	0.0
77	4442	4443	NS	1	0.0	28.088	8.264	0.0	25.75	8.327	0.0	348.115	2.319	0.0	44.876	1.88	0.0	1.908	0.0	0.0	1.852	0.0	0.0	2.038	0.0	0.0	2.014	0.0
78	4442	4443	SN	1	0.0	32.836	16.005	0.0	27.299	14.08	0.0	351.772	13.477	0.0	73.785	13.206	0.0	1.898	0.0	0.0	1.942	0.0	0.0	2.067	0.0	0.0	2.122	0.0
79	4442	4443	NS	1	0.0	27.321	15.017	0.0	32.698	14.202	0.0	354.353	10.783	0.0	53.17	10.062	0.0	1.911	0.0	0.0	1.857	0.0	0.0	2.041	0.0	0.0	2.015	0.0
80	4442	4443	SN	1	0.0	24.674	9.737	0.0	27.74	9.797	0.0	240.118	3.717	0.0	70.939	4.266	0.0	1.889	0.0	0.0	1.966	0.0	0.0	2.065	0.0	0.0	2.104	0.0
81	4443	4444	SN	1	0.0	24.696	9.718	0.0	27.663	9.825	0.0	208.77	3.711	0.0	66.737	4.284	0.0	1.889	0.0	0.0	1.962	0.0	0.0	2.063	0.0	0.0	2.103	0.0
82	4443	4444	NS	1	0.0	27.31	14.94	0.0	37.061	14.158	0.0	354.364	10.893	0.0	50.688	10.021	0.0	1.904	0.0	0.0	1.859	0.0	0.0	2.041	0.0	0.0	2.013	0.0
83	4443	4444	NS	1	0.0	27.917	8.227	0.0	25.75	8.291	0.0	348.391	2.336	0.0	40.0	1.881	0.0	1.906	0.0	0.0	1.853	0.0	0.0	2.038	0.0	0.0	2.013	0.0
84	4443	4444	SN	1	0.0	32.616	16.005	0.0	27.283	14.133	0.0	351.794	13.579	0.0	62.446	13.209	0.0	1.897	0.0	0.0	1.932	0.0	0.0	2.065	0.0	0.0	2.12	0.0
85	4444	4445	SN	1	0.0	32.61	15.959	0.0	27.288	14.153	0.0	137.699	13.553	0.0	63.478	13.252	0.0	1.897	0.0	0.0	1.931	0.0	0.0	2.062	0.0	0.0	2.109	0.0
86	4444	4445	NS	1	0.0	27.983	8.285	0.0	25.744	8.278	0.0	348.7	2.337	0.0	13.964	1.83	0.0	1.906	0.0	0.0	1.853	0.0	0.0	2.037	0.0	0.0	2.013	0.0
87	4444	4445	NS	1	0.0	27.983	8.267	0.0	25.744	8.279	0.0	348.7	2.322	0.0	40.552	1.868	0.0	1.906	0.0	0.0	1.853	0.0	0.0	2.037	0.0	0.0	2.013	0.0
88	4444	4445	NS	1	0.0	27.305	14.941	0.0	36.669	14.126	0.0	354.849	10.82	0.0	51.251	10.021	0.0	1.905	0.0	0.0	1.86	0.0	0.0	2.043	0.0	0.0	2.014	0.0
89	4444	4445	NS	1	0.0	27.305	14.95	0.0	32.605	14.049	0.0	354.849	10.87	0.0	23.77	9.923	0.0	1.905	0.0	0.0	1.86	0.0	0.0	2.043	0.0	0.0	2.014	0.0
90	4444	4445	SN	1	0.0	24.674	9.715	0.0	27.663	9.818	0.0	217.241	3.722	0.0	67.862	4.347	0.0	1.889	0.0	0.0	1.955	0.0	0.0	2.059	0.0	0.0	2.102	0.0
91	4445	4446	NS	1	0.0	28.093	8.267	0.0	25.75	8.304	0.0	354.38	2.35	0.0	41.313	1.874	0.0	1.906	0.0	0.0	1.853	0.0	0.0	2.037	0.0	0.0	2.014	0.0
92	4445	4446	NS	1	0.0	27.299	15.107	0.0	30.956	13.748	0.0	354.38	11.071	0.0	14.218	9.504	0.0	1.912	0.0	0.0	1.862	0.0	0.0	2.041	0.0	0.0	2.015	0.0
93	4445	4446	SN	1	0.0	24.68	9.722	0.0	27.661	9.797	0.0	242.472	3.748	0.0	73.548	4.354	0.0	1.89	0.0	0.0	1.958	0.0	0.0	2.062	0.0	0.0	2.106	0.0
94	4445	4446	SN	1	0.0	32.538	15.98	0.0	27.305	14.111	0.0	162.704	13.522	0.0	65.38	13.273	0.0	1.898	0.0	0.0	1.934	0.0	0.0	2.064	0.0	0.0	2.113	0.0
95	4445	4446	NS	1	0.0	27.299	14.899	0.0	35.82	14.195	0.0	354.38	10.798	0.0	52.089	10.028	0.0	1.912	0.0	0.0	1.862	0.0	0.0	2.041	0.0	0.0	2.015	0.0
96	4445	4446	NS	1	0.0	28.093	8.396	0.0	25.75	8.349	0.0	354.38	2.43	0.0	11.587	1.803	0.0	1.906	0.0	0.0	1.853	0.0	0.0	2.037	0.0	0.0	2.014	0.0
97	4446	4447	NS	1	0.0	27.9	8.301	0.0	25.75	8.362	0.0	310.757	2.346	0.0	38.776	1.888	0.0	1.908	0.0	0.0	1.853	0.0	0.0	2.039	0.0	0.0	2.014	0.0
98	4446	4447	NS	1	0.0	27.9	8.363	0.0	25.75	8.376	0.0	310.757	2.387	0.0	11.692	1.806	0.0	1.908	0.0	0.0	1.853	0.0	0.0	2.039	0.0	0.0	2.014	0.0
99	4446	4447	SN	1	0.0	32.511	15.968	0.0	27.305	14.094	0.0	156.152	13.535	0.0	65.066	13.277	0.0	1.896	0.0	0.0	1.939	0.0	0.0	2.064	0.0	0.0	2.091	0.0
100	4446	4447	NS	1	0.0	27.305	14.954	0.0	36.134	14.197	0.0	338.094	10.828	0.0	53.065	10.035	0.0	1.904	0.0	0.0	1.86	0.0	0.0	2.043	0.0	0.0	2.014	0.0
101	4446	4447	SN	1	0.0	24.685	9.722	0.0	27.691	9.786	0.0	244.712	3.763	0.0	71.844	4.392	0.0	1.888	0.0	0.0	1.96	0.0	0.0	2.059	0.0	0.0	2.105	0.0
102	4446	4447	NS	1	0.0	27.305	15.041	0.0	30.95	13.888	0.0	338.094	10.973	0.0	15.128	9.71	0.0	1.904	0.0	0.0	1.86	0.0	0.0	2.043	0.0	0.0	2.014	0.0
103	4447	4448	NS	1	0.0	27.851	8.935	0.0	25.761	8.591	0.0	324.627	2.712	0.0	11.609	1.962	0.0	1.905	0.0	0.0	1.852	0.0	0.0	2.038	0.0	0.0	2.014	0.0
104	4447	4448	NS	1	0.0	27.31	15.686	0.0	30.967	13.479	0.0	352.047	12.134	0.0	12.844	9.528	0.0	1.905	0.0	0.0	1.861	0.0	0.0	2.043	0.0	0.0	2.015	0.0
105	4448	4449	SN	1	0.0	24.691	9.716	0.0	27.729	9.847	0.0	179.596	3.717	0.0	73.383	4.268	0.0	1.89	0.0	0.0	1.963	0.0	0.0	2.065	0.0	0.0	2.113	0.0

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

Normal
Deviations
Alarming
High Errors

106	4448	4449	SN	1	0.0	32.605	15.971	0.0	27.299	14.084	0.0	201.309	13.521	0.0	81.79	13.24	0.0	1.899	0.0	0.0	1.95	0.0	0.0	2.072	0.0	0.0	2.129	0.0
107	4449	4450	SN	1	0.0	32.649	16.007	0.0	27.299	14.051	0.0	200.228	13.645	0.0	82.993	13.207	0.0	1.899	0.0	0.0	1.948	0.0	0.0	2.069	0.0	0.0	2.126	0.0
108	4449	4450	NS	1	0.0	27.961	8.258	0.0	25.75	8.342	0.0	355.875	2.315	0.0	58.227	1.869	0.0	1.907	0.0	0.0	1.853	0.0	0.0	2.037	0.0	0.0	2.014	0.0
109	4449	4450	SN	1	0.0	24.691	9.705	0.0	27.558	9.926	0.0	190.637	3.723	0.0	74.684	4.338	0.0	1.89	0.0	0.0	1.964	0.0	0.0	2.064	0.0	0.0	2.111	0.0
110	4449	4450	SN	1	0.0	24.691	9.721	0.0	26.373	9.845	0.0	190.637	3.761	0.0	74.684	4.292	0.0	1.89	0.0	0.0	1.964	0.0	0.0	2.064	0.0	0.0	2.111	0.0
111	4449	4450	SN	1	0.0	30.708	15.985	0.0	27.299	14.098	0.0	200.228	13.557	0.0	82.993	13.325	0.0	1.899	0.0	0.0	1.948	0.0	0.0	2.069	0.0	0.0	2.126	0.0
112	4449	4450	NS	1	0.0	27.316	15.012	0.0	33.542	14.22	0.0	358.323	10.784	0.0	55.663	10.016	0.0	1.909	0.0	0.0	1.86	0.0	0.0	2.043	0.0	0.0	2.015	0.0
113	4450	4451	SN	1	0.0	21.646	6.271	0.0	25.419	4.697	0.0	185.933	1.617	0.0	14.289	0.906	0.0	1.889	0.0	0.0	1.943	0.0	0.0	2.062	0.0	0.0	2.082	0.0
114	4450	4451	NS	1	0.0	25.75	10.975	0.0	33.564	14.421	0.0	347.018	5.444	0.0	56.165	8.046	0.0	1.908	0.0	0.0	1.854	0.0	0.0	2.042	0.0	0.0	2.014	0.0
115	4450	4451	SN	1	0.0	32.776	15.963	0.005	27.272	14.071	0.0	187.736	13.444	0.0	69.87	13.493	0.0	1.929	0.0	0.0	1.948	0.0	0.0	2.074	0.0	0.0	2.109	0.0
116	4450	4451	NS	1	0.0	26.902	5.788	0.0	25.733	6.983	0.0	346.383	0.911	0.0	54.405	1.397	0.0	1.904	0.0	0.0	1.852	0.0	0.0	2.036	0.0	0.0	2.013	0.0
117	4450	4451	SN	1	0.0	24.685	9.547	0.0	27.79	9.829	0.0	185.933	3.685	0.0	70.487	4.249	0.0	1.921	0.0	0.0	1.957	0.0	0.0	2.077	0.0	0.0	2.11	0.0
118	4450	4451	NS	1	0.0	28.041	8.069	0.0	25.739	8.26	0.0	346.383	2.101	0.0	54.405	1.852	0.0	1.925	0.0	0.0	1.858	0.0	0.0	2.042	0.0	0.0	2.023	0.0
119	4450	4451	SN	1	0.0	32.698	14.352	0.0	25.126	8.181	0.0	187.736	9.205	0.0	14.929	4.561	0.0	1.881	0.0	0.0	1.918	0.0	0.0	2.068	0.0	0.0	2.082	0.0
120	4450	4451	NS	1	0.0	27.294	14.743	0.0	33.564	14.168	0.0	347.018	10.607	0.0	56.165	10.027	0.0	1.908	0.0	0.0	1.863	0.0	0.0	2.055	0.0	0.0	2.026	0.0
121	4451	4452	SN	1	0.0	24.685	9.72	0.0	27.696	9.854	0.0	199.913	3.824	0.0	68.066	4.4	0.0	1.891	0.0	0.0	1.965	0.0	0.0	2.068	0.0	0.0	2.113	0.0
122	4451	4452	SN	1	0.0	32.583	16.005	0.005	27.283	14.101	0.0	186.363	13.623	0.0	76.995	13.371	0.0	1.897	0.0	0.0	1.941	0.0	0.0	2.074	0.0	0.0	2.12	0.0
123	4451	4452	NS	1	0.0	28.11	8.215	0.0	25.744	8.271	0.0	355.886	2.268	0.0	44.754	1.844	0.0	1.906	0.0	0.0	1.852	0.0	0.0	2.037	0.0	0.0	2.014	0.0
124	4451	4452	NS	1	0.0	27.299	14.905	0.0	33.553	14.155	0.0	359.156	10.78	0.0	57.896	9.939	0.0	1.907	0.0	0.0	1.86	0.0	0.0	2.041	0.0	0.0	2.014	0.0
125	4452	4453	SN	1	0.0	24.68	9.735	0.0	27.674	9.869	0.0	253.293	3.822	0.0	276.941	4.42	0.0	1.889	0.0	0.0	1.963	0.0	0.0	2.065	0.0	0.0	2.113	0.0
126	4452	4453	NS	1	0.0	27.299	14.905	0.0	33.542	14.126	0.0	353.15	10.816	0.0	48.835	9.932	0.0	1.908	0.0	0.0	1.859	0.0	0.0	2.04	0.0	0.0	2.013	0.0
127	4452	4453	SN	1	0.0	32.583	16.037	0.0	27.305	14.091	0.0	229.032	13.553	0.0	63.296	13.377	0.0	1.9	0.0	0.0	1.952	0.0	0.0	2.071	0.0	0.0	2.1	0.0
128	4452	4453	NS	1	0.0	28.165	8.211	0.0	25.75	8.265	0.0	355.957	2.218	0.0	45.355	1.842	0.0	1.905	0.0	0.0	1.852	0.0	0.0	2.036	0.0	0.0	2.013	0.0
129	4453	4454	SN	1	0.0	24.68	9.619	0.0	27.702	9.815	0.0	227.306	3.716	0.0	82.306	4.278	0.0	1.888	0.0	0.0	1.961	0.0	0.0	2.063	0.0	0.0	2.11	0.0
130	4453	4454	SN	1	0.0	24.68	9.706	0.0	27.702	9.857	0.0	227.306	3.795	0.0	82.306	4.355	0.0	1.888	0.0	0.0	1.961	0.0	0.0	2.063	0.0	0.0	2.11	0.0
131	4453	4454	NS	1	0.0	28.11	8.201	0.0	25.75	8.267	0.0	350.525	2.239	0.0	42.791	1.847	0.0	1.906	0.0	0.0	1.853	0.0	0.0	2.036	0.0	0.0	2.013	0.0
132	4453	4454	NS	1	0.0	28.11	8.191	0.0	25.744	8.279	0.0	355.991	2.229	0.0	46.177	1.855	0.0	1.906	0.0	0.0	1.852	0.0	0.0	2.035	0.0	0.0	2.013	0.0
133	4453	4454	SN	1	0.0	24.68	9.626	0.0	25.49	9.51	0.0	227.306	3.826	0.0	14.295	3.965	0.0	1.888	0.0	0.0	1.961	0.0	0.0	2.063	0.0	0.0	2.11	0.0
134	4453	4454	NS	1	0.0	27.288	14.896	0.0	33.537	14.167	0.0	355.891	10.759	0.0	59.022	9.945	0.0	1.902	0.0	0.0	1.86	0.0	0.0	2.041	0.0	0.0	2.014	0.0
135	4453	4454	SN	1	0.0	34.369	16.072	0.0	27.299	14.075	0.0	87.959	13.59	0.0	89.646	13.384	0.0	1.896	0.0	0.0	1.941	0.0	0.0	2.065	0.0	0.0	2.087	0.0
136	4453	4454	SN	1	0.0	34.369	15.964	0.0	25.755	13.141	0.0	87.959	13.58	0.0	15.541	12.148	0.0	1.896	0.0	0.0	1.941	0.0	0.0	2.065	0.0	0.0	2.087	0.0
137	4453	4454	SN	1	0.0	30.244	15.972	0.0	27.299	13.927	0.0	87.959	13.392	0.0	89.646	13.209	0.0	1.896	0.0	0.0	1.941	0.0	0.0	2.065	0.0	0.0	2.087	0.0
138	4453	4454	NS	1	0.0	27.299	14.947	0.0	32.577	14.182	0.0	355.891	10.717	0.0	46.469	9.977	0.0	1.907	0.0	0.0	1.86	0.0	0.0	2.041	0.0	0.0	2.013	0.0
139	4454	4455	NS	1	0.0	27.305	14.895	0.0	32.621	14.194	0.0	354.524	10.556	0.0	53.132	9.906	0.0	1.908	0.0	0.0	1.866	0.0	0.0	2.04	0.0	0.0	2.022	0.0
140	4454	4455	NS	1	0.0	27.305	13.892	0.0	30.89	8.797	0.0	354.524	10.618	0.0	30.266	4.338	0.0	1.894	0.0	0.0	1.857	0.0	0.0	2.024	0.0	0.0	2.014	0.0
141	4454	4455	SN	1	0.0	24.68	9.417	0.0	27.713	9.822	0.0	177.748	3.621	0.0	274.509	4.263	0.0	1.919	0.0	0.0	1.961	0.0	0.0	2.069	0.0	0.0	2.117	0.0
142	4454	4455	SN	1	0.0	23.235	4.778	0.0	25.297	6.596	0.0	16.589	1.103	0.0	12.221	0.989	0.0	1.904	0.0	0.0	1.887	0.0	0.0	2.048	0.0	0.0	2.031	0.0

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

Normal
Deviations
Alarming
High Errors

143	4454	4455	SN	1	0.0	23.235	4.658	0.0	27.713	6.416	0.0	16.589	0.956	0.0	274.509	1.969	0.0	1.904	0.0	0.0	1.865	0.0	0.0	2.039	0.0	0.0	2.017	0.0
144	4454	4455	NS	1	0.0	28.082	7.935	0.0	25.739	8.133	0.0	348.17	2.124	0.0	43.546	1.79	0.0	1.909	0.0	0.0	1.865	0.0	0.0	2.042	0.0	0.0	2.028	0.0
145	4454	4455	SN	1	0.0	32.616	15.996	0.0	27.299	14.079	0.0	163.955	13.502	0.0	59.882	13.366	0.0	1.932	0.0	0.0	1.953	0.0	0.0	2.069	0.0	0.0	2.112	0.0
146	4454	4455	NS	1	0.0	28.082	6.89	0.0	23.968	4.316	0.0	348.17	2.663	0.0	16.595	0.765	0.0	1.882	0.0	0.0	1.852	0.0	0.0	2.027	0.0	0.0	2.013	0.0
147	4454	4455	SN	1	0.0	27.156	9.793	0.0	27.299	12.437	0.0	28.606	6.055	0.0	59.882	4.839	0.0	1.864	0.0	0.0	1.865	0.0	0.0	2.045	0.0	0.0	2.022	0.0
148	4454	4455	SN	1	0.0	28.446	10.081	0.0	25.667	11.84	0.0	28.606	5.9	0.0	15.061	3.489	0.0	1.869	0.0	0.0	1.891	0.0	0.0	2.052	0.0	0.0	2.026	0.0
149	4455	4456	SN	1	0.0	24.669	9.865	0.0	26.549	9.726	0.0	251.192	3.965	0.0	14.289	3.966	0.0	1.888	0.0	0.0	1.958	0.0	0.0	2.063	0.0	0.0	2.11	0.0
150	4455	4456	NS	1	0.0	27.305	15.035	0.0	32.693	14.254	0.0	352.384	10.832	0.0	54.356	10.091	0.0	1.905	0.0	0.0	1.858	0.0	0.0	2.041	0.0	0.0	2.015	0.0
151	4455	4456	SN	1	0.0	32.583	16.283	0.0	25.43	13.333	0.0	148.447	14.102	0.0	14.714	12.218	0.0	1.899	0.0	0.0	1.954	0.0	0.0	2.065	0.0	0.0	2.119	0.0
152	4455	4456	SN	1	0.0	24.669	9.722	0.0	27.63	9.89	0.0	251.192	3.748	0.0	152.327	4.288	0.0	1.888	0.0	0.0	1.958	0.0	0.0	2.063	0.0	0.0	2.11	0.0
153	4455	4456	NS	1	0.0	28.132	8.24	0.0	25.744	8.313	0.0	348.33	2.308	0.0	43.944	1.861	0.0	1.905	0.0	0.0	1.854	0.0	0.0	2.036	0.0	0.0	2.013	0.0
154	4455	4456	NS	1	0.0	27.31	15.002	0.0	37.05	14.139	0.0	352.384	10.802	0.0	51.328	10.0	0.0	1.908	0.0	0.0	1.858	0.0	0.0	2.04	0.0	0.0	2.014	0.0
155	4455	4456	NS	1	0.0	27.994	8.245	0.0	25.744	8.318	0.0	345.435	2.324	0.0	41.351	1.856	0.0	1.905	0.0	0.0	1.854	0.0	0.0	2.036	0.0	0.0	2.014	0.0
156	4455	4456	SN	1	0.0	30.195	16.069	0.0	27.288	14.114	0.0	148.447	13.538	0.0	62.54	13.286	0.0	1.899	0.0	0.0	1.954	0.0	0.0	2.065	0.0	0.0	2.119	0.0
157	4455	4456	SN	1	0.0	24.669	9.727	0.0	27.63	9.842	0.0	251.192	3.748	0.0	152.327	4.242	0.0	1.888	0.0	0.0	1.958	0.0	0.0	2.063	0.0	0.0	2.11	0.0
158	4455	4456	SN	1	0.0	32.583	16.096	0.0	27.288	14.087	0.0	148.447	13.538	0.0	62.54	13.166	0.0	1.899	0.0	0.0	1.954	0.0	0.0	2.065	0.0	0.0	2.119	0.0
159	4456	4457	NS	1	0.0	27.299	15.022	0.0	32.737	14.253	0.0	351.722	10.79	0.0	55.051	10.048	0.0	1.914	0.0	0.0	1.86	0.0	0.0	2.04	0.0	0.0	2.013	0.0
160	4456	4457	NS	1	0.0	27.299	15.022	0.0	32.737	14.253	0.0	351.722	10.79	0.0	55.051	10.048	0.0	1.914	0.0	0.0	1.86	0.0	0.0	2.04	0.0	0.0	2.013	0.0
161	4456	4457	NS	1	0.0	27.299	14.958	0.0	37.116	14.138	0.0	351.722	10.844	0.0	51.968	9.979	0.0	1.906	0.0	0.0	1.858	0.0	0.0	2.04	0.0	0.0	2.013	0.0
162	4456	4457	SN	1	0.0	32.511	16.059	0.0	27.294	14.084	0.0	351.97	13.489	0.0	63.957	13.088	0.0	1.897	0.0	0.0	1.942	0.0	0.0	2.066	0.0	0.0	2.121	0.0
163	4456	4457	SN	1	0.0	32.511	16.059	0.0	27.294	14.084	0.0	351.97	13.489	0.0	63.957	13.088	0.0	1.897	0.0	0.0	1.942	0.0	0.0	2.066	0.0	0.0	2.121	0.0
164	4456	4457	NS	1	0.0	27.994	8.245	0.0	27.04	8.275	0.0	356.195	2.292	0.0	41.203	1.84	0.0	1.906	0.0	0.0	1.854	0.0	0.0	2.036	0.0	0.0	2.013	0.0
165	4456	4457	NS	1	0.0	28.066	8.226	0.0	27.04	8.299	0.0	348.562	2.276	0.0	46.574	1.855	0.0	1.907	0.0	0.0	1.854	0.0	0.0	2.035	0.0	0.0	2.013	0.0
166	4456	4457	SN	1	0.0	24.674	9.719	0.0	27.625	9.861	0.0	198.987	3.715	0.0	74.072	4.153	0.0	1.889	0.0	0.0	1.961	0.0	0.0	2.063	0.0	0.0	2.111	0.0
167	4456	4457	NS	1	0.0	28.066	8.226	0.0	27.04	8.299	0.0	348.562	2.276	0.0	46.574	1.855	0.0	1.907	0.0	0.0	1.854	0.0	0.0	2.035	0.0	0.0	2.013	0.0
168	4456	4457	SN	1	0.0	24.674	9.719	0.0	27.625	9.861	0.0	198.987	3.715	0.0	74.072	4.153	0.0	1.889	0.0	0.0	1.961	0.0	0.0	2.063	0.0	0.0	2.111	0.0
169	4457	4458	NS	1	0.0	28.049	8.222	0.0	27.04	8.257	0.0	356.239	2.281	0.0	41.583	1.81	0.0	1.905	0.0	0.0	1.856	0.0	0.0	2.036	0.0	0.0	2.013	0.0
170	4457	4458	SN	1	0.0	32.5	16.058	0.0	27.283	14.144	0.0	347.15	13.551	0.0	64.47	13.173	0.0	1.897	0.0	0.0	1.937	0.0	0.0	2.066	0.0	0.0	2.124	0.0
171	4457	4458	NS	1	0.0	27.299	14.94	0.0	36.763	14.158	0.0	358.219	10.827	0.0	52.304	9.979	0.0	1.902	0.0	0.0	1.861	0.0	0.0	2.04	0.0	0.0	2.013	0.0
172	4457	4458	NS	1	0.0	27.299	14.94	0.0	36.763	14.158	0.0	358.219	10.827	0.0	52.304	9.979	0.0	1.902	0.0	0.0	1.861	0.0	0.0	2.04	0.0	0.0	2.013	0.0
173	4457	4458	SN	1	0.0	24.669	9.687	0.0	27.663	9.865	0.0	264.306	3.711	0.0	74.828	4.174	0.0	1.888	0.0	0.0	1.966	0.0	0.0	2.063	0.0	0.0	2.109	0.0
174	4457	4458	NS	1	0.0	28.049	8.222	0.0	27.04	8.257	0.0	356.239	2.281	0.0	41.583	1.81	0.0	1.905	0.0	0.0	1.856	0.0	0.0	2.036	0.0	0.0	2.013	0.0
175	4458	4459	SN	1	0.0	20.891	50.0	0.0	16.528	7.955	100000.0	-100000.0	0.0	0.0	9.85	0.0	0.0	0.705	0.0	0.0	1.783	0.0	100000.0	-100000.0	0.0	0.0	1.946	0.0
176	4458	4459	SN	1	100000.0	-100000.0	0.0	0.0	13.026	1.488	100000.0	-100000.0	0.0	0.0	9.282	0.0	100000.0	-100000.0	0.0	0.0	1.784	0.0	100000.0	-100000.0	0.0	0.0	1.943	0.0
177	4458	4459	NS	1	0.0	28.193	8.2	0.0	27.046	8.247	0.0	350.784	2.286	0.0	35.605	1.817	0.0	1.906	0.0	0.0	1.855	0.0	0.0	2.036	0.0	0.0	2.012	0.0
178	4458	4459	NS	1	0.0	27.294	14.93	0.0	32.362	14.228	0.0	355.373	10.775	0.0	53.363	9.988	0.0	1.904	0.0	0.0	1.862	0.0	0.0	2.04	0.0	0.0	2.013	0.0
179	4459	4460	NS	1	0.0	27.31	14.93	0.0	33.46	14.208	0.0	352.086	10.832	0.0	53.975	10.024	0.0	1.911	0.0	0.0	1.858	0.0	0.0	2.04	0.0	0.0	2.014	0.0

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

Normal
Deviations
Alarming
High Errors

180	4459	4460	NS	1	0.0	28.121	8.239	0.0	25.755	8.277	0.0	355.494	2.275	0.0	36.107	1.83	0.0	1.906	0.0	0.0	1.856	0.0	0.0	2.035	0.0	0.0	2.013	0.0

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

Normal
Deviations
Alarming
High Errors