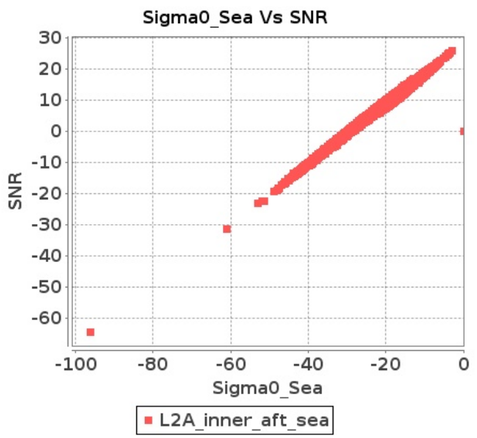
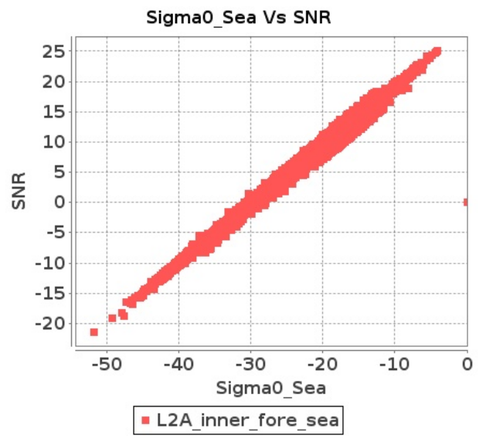
SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 28-JUL-2019 To 29-JUL-2019

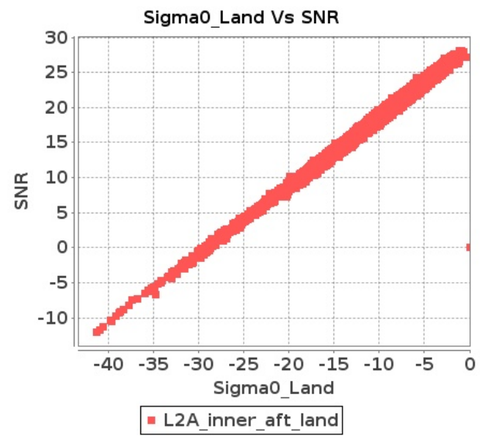
Inner Sea Aft Sigma0VsSNR



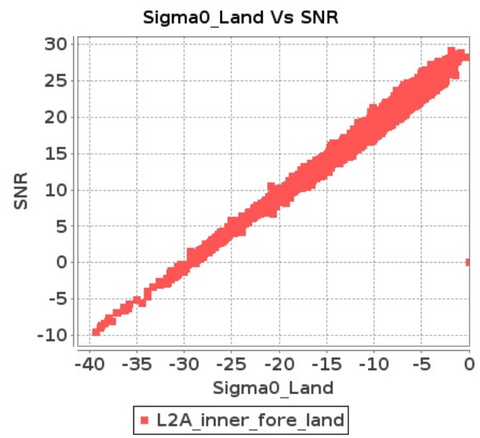
Inner Sea Fore Sigma0VsSNR



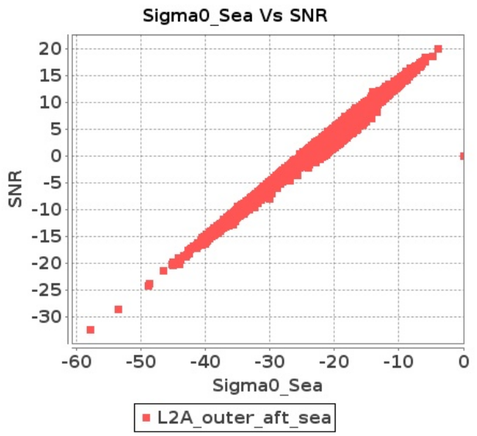
Inner Land Aft Sigma0VsSNR



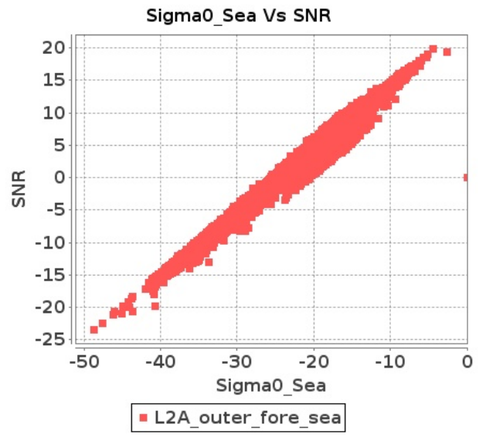
Inner Land Fore Sigma0VsSNR



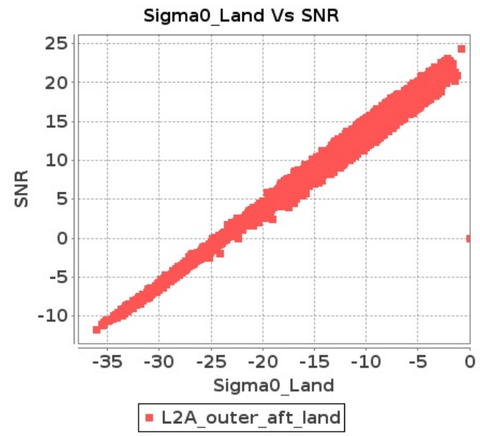
Outer Sea Aft Sigma0VsSNR



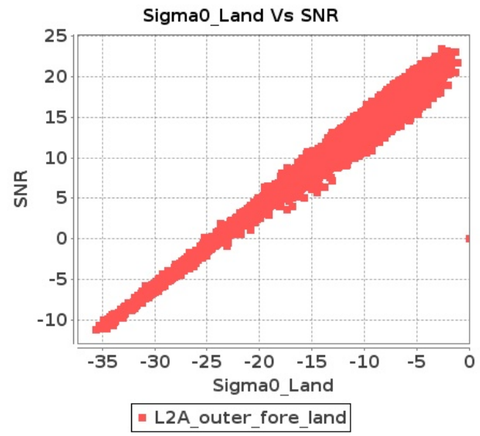
Outer Sea Fore Sigma0VsSNR



Outer Land Aft Sigma0VsSNR



Outer Land Fore Sigma0VsSNR



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

Report between 28-JUL-2019 To 29-JUL-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	15004	15005	SN	1	0.0	53.013	1.507	0.0	51.206	1.861	0.0	41.121	1.288	0.0	38.655	1.57	0.0	53.815	1.512	0.0	49.412	1.784	0.0	41.919	1.242	0.0	36.544	1.43
2	15004	15005	SN	1	0.0	53.013	1.507	0.0	51.206	1.861	0.0	41.121	1.288	0.0	38.655	1.57	0.0	53.815	1.512	0.0	49.412	1.784	0.0	41.919	1.242	0.0	36.544	1.43
3	15004	15005	SN	1	0.0	53.014	6.496	0.0	49.388	6.698	0.0	45.644	5.049	0.0	46.549	5.748	0.0	54.8	6.577	0.0	50.734	6.484	0.0	46.285	5.063	0.0	45.369	5.313
4	15004	15005	SN	1	0.0	53.014	6.496	0.0	49.388	6.698	0.0	45.644	5.049	0.0	46.549	5.748	0.0	54.8	6.577	0.0	50.734	6.484	0.0	46.285	5.063	0.0	45.369	5.313
5	15004	15005	SN	1	0.0	51.67	6.751	0.0	49.388	6.974	0.0	46.817	4.917	0.0	46.549	5.99	0.0	51.773	6.815	0.0	50.734	6.781	0.0	46.285	4.895	0.0	45.369	5.578
6	15004	15005	SN	1	0.0	47.289	1.562	0.0	51.206	1.946	0.0	41.121	1.279	0.0	38.853	1.639	0.0	48.077	1.569	0.0	49.412	1.863	0.0	41.919	1.261	0.0	41.754	1.486
7	15005	15006	NS	1	0.0	46.265	1.108	0.0	45.397	1.311	0.0	47.276	1.037	0.0	48.287	1.269	0.0	46.06	1.113	0.0	46.695	1.16	0.0	47.841	0.943	0.0	46.663	1.024
8	15005	15006	SN	1	0.0	45.604	1.147	0.0	51.334	1.465	0.0	47.618	1.201	0.0	39.367	1.43	0.0	45.328	1.138	0.0	50.213	1.37	0.0	45.309	1.142	0.0	38.845	1.28
9	15005	15006	SN	1	0.0	47.841	4.202	0.0	49.437	4.897	0.0	44.071	3.746	0.0	42.904	4.544	0.0	49.66	4.295	0.0	50.158	4.66	0.0	44.199	3.666	0.0	42.843	4.089
10	15005	15006	SN	1	0.0	45.604	1.163	0.0	51.334	1.486	0.0	47.618	1.199	0.0	39.908	1.441	0.0	45.328	1.154	0.0	50.213	1.389	0.0	45.309	1.147	0.0	43.184	1.297
11	15005	15006	SN	1	0.0	45.604	1.147	0.0	51.334	1.465	0.0	47.618	1.201	0.0	39.367	1.43	0.0	45.328	1.138	0.0	50.213	1.37	0.0	45.309	1.144	0.0	38.845	1.28
12	15005	15006	SN	1	0.0	47.841	4.14	0.0	49.437	4.835	0.0	44.071	3.746	0.0	42.904	4.493	0.0	49.66	4.231	0.0	50.158	4.601	0.0	44.199	3.667	0.0	42.843	4.037
13	15005	15006	SN	1	0.0	47.841	4.14	0.0	49.437	4.835	0.0	44.071	3.738	0.0	42.904	4.493	0.0	49.66	4.231	0.0	50.158	4.601	0.0	44.199	3.66	0.0	42.843	4.037
14	15005	15006	NS	1	0.0	46.065	1.111	0.0	45.397	1.311	0.0	48.614	1.037	0.0	48.287	1.272	0.0	46.06	1.113	0.0	46.695	1.167	0.0	49.179	0.945	0.0	48.074	1.014
15	15005	15006	NS	1	0.0	53.415	4.227	0.0	45.053	4.797	0.0	42.329	3.674	0.0	53.373	4.065	0.0	54.97	4.308	0.0	45.467	4.513	0.0	42.835	3.482	0.0	49.524	3.433
16	15005	15006	NS	1	0.0	55.219	4.217	0.0	45.053	4.817	0.0	45.001	3.667	0.0	53.048	4.072	0.0	55.227	4.298	0.0	45.467	4.513	0.0	42.727	3.517	0.0	49.459	3.447
17	15006	15007	NS	1	0.0	40.287	0.903	0.0	43.819	1.115	0.0	40.186	1.046	0.0	44.557	1.46	0.0	39.097	0.898	0.0	40.599	1.067	0.0	39.931	1.079	0.0	45.429	1.34
18	15006	15007	NS	1	0.0	40.287	0.891	0.0	43.819	1.124	0.0	40.186	1.046	0.0	43.29	1.458	0.0	39.097	0.896	0.0	40.382	1.074	0.0	39.931	1.06	0.0	44.16	1.329
19	15006	15007	SN	1	0.0	47.306	1.033	0.0	46.102	1.366	0.0	38.324	1.165	0.0	40.844	1.711	0.0	47.796	1.04	0.0	43.175	1.258	0.0	37.013	1.089	0.0	39.636	1.492
20	15006	15007	SN	1	0.0	44.125	3.57	0.0	46.603	4.053	0.0	39.628	3.97	0.0	42.728	5.089	0.0	44.558	3.529	0.0	44.976	3.847	0.0	39.563	3.891	0.0	42.46	4.476
21	15006	15007	SN	1	0.0	44.266	3.621	0.0	46.102	4.053	0.0	39.869	3.978	0.0	42.948	5.046	0.0	44.697	3.508	0.0	44.976	3.878	0.0	39.804	3.877	0.0	42.298	4.447
22	15006	15007	SN	1	0.0	47.306	1.033	0.0	46.603	1.373	0.0	38.324	1.159	0.0	38.981	1.706	0.0	47.796	1.024	0.0	43.676	1.265	0.0	37.013	1.098	0.0	38.204	1.503
23	15006	15007	NS	1	0.0	50.763	2.513	0.0	49.456	3.449	0.0	45.892	3.324	0.0	43.29	4.1	0.0	50.988	2.614	0.0	45.513	3.246	0.0	43.594	3.353	0.0	44.16	4.072
24	15006	15007	SN	1	0.0	47.306	1.02	0.0	46.102	1.348	0.0	38.324	1.152	0.0	40.844	1.697	0.0	47.796	1.027	0.0	43.175	1.242	0.0	37.013	1.076	0.0	39.636	1.476
25	15006	15007	NS	1	0.0	50.735	2.493	0.0	50.681	3.449	0.0	45.92	3.36	0.0	44.557	4.157	0.0	50.961	2.624	0.0	46.695	3.226	0.0	43.6	3.346	0.0	45.429	4.121
26	15006	15007	SN	1	0.0	44.266	3.579	0.0	46.102	4.011	0.0	39.869	3.936	0.0	42.948	4.994	0.0	44.697	3.468	0.0	44.976	3.838	0.0	39.804	3.837	0.0	42.298	4.402
27	15007	15008	SN	1	0.0	45.714	1.096	0.0	40.975	1.7	0.0	36.972	1.368	0.0	39.127	1.855	0.0	45.247	1.132	0.0	40.157	1.6	0.0	35.743	1.376	0.0	39.335	1.69
28	15007	15008	SN	1	0.0	38.725	1.111	0.0	39.489	1.69	0.0	36.972	1.319	0.0	39.127	1.865	0.0	39.008	1.142	0.0	40.204	1.586	0.0	37.437	1.338	0.0	39.335	1.677
29	15007	15008	SN	1	0.0	48.704	4.431	0.0	48.574	5.539	0.0	42.624	4.461	0.0	44.021	5.607	0.0	50.715	4.482	0.0	48.582	5.386	0.0	44.406	4.54	0.0	43.571	5.443
30	15007	15008	SN	1	0.0	45.633	4.299	0.0	46.333	5.467	0.0	44.796	4.362	0.0	44.738	5.665	0.0	46.194	4.33	0.0	46.917	5.315	0.0	45.636	4.504	0.0	43.571	5.536
31	15007	15008	NS	1	0.0	44.733	2.716	0.0	46.356	3.003	0.0	40.333	3.054	0.0	45.787	3.695	0.0	46.464	2.726	0.0	49.991	2.648	0.0	39.806	2.848	0.0	47.174	3.198

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal Deviations

Alarming High Errors

32	15007	15008	SN	1	0.0	48.993	4.435	0.0	49.269	5.598	0.0	43.342	4.505	0.0	43.859	5.637	0.0	49.554	4.538	0.0	48.315	5.463	0.0	44.183	4.57	0.0	43.571	5.499
33	15007	15008	SN	1	0.0	40.1	1.129	0.0	38.633	1.692	0.0	40.663	1.317	0.0	39.127	1.849	0.0	39.819	1.136	0.0	39.348	1.586	0.0	39.364	1.328	0.0	38.576	1.663
34	15007	15008	NS	1	0.0	47.321	0.799	0.0	43.878	1.074	0.0	46.982	1.003	0.0	38.898	1.279	0.0	47.166	0.747	0.0	42.427	0.977	0.0	46.183	0.902	0.0	41.736	1.063
35	15008	15009	SN	1	0.0	45.66	1.16	0.0	48.624	1.76	0.0	35.765	1.426	0.0	38.443	2.098	0.0	44.621	1.167	0.0	48.181	1.638	0.0	35.653	1.414	0.0	37.512	1.8
36	15008	15009	SN	1	0.0	46.054	4.084	0.0	46.726	5.823	0.0	44.564	4.426	0.0	42.628	6.093	0.0	46.725	4.073	0.0	48.483	5.435	0.0	44.489	4.441	0.0	44.73	5.645
37	15008	15009	SN	1	0.0	48.5	4.195	0.0	49.971	5.808	0.0	42.932	4.481	0.0	45.353	5.87	0.0	48.299	4.124	0.0	51.731	5.402	0.0	41.706	4.588	0.0	44.189	5.479
38	15008	15009	NS	1	0.0	44.09	0.815	0.0	43.95	1.139	0.0	39.775	0.669	0.0	43.973	0.958	0.0	45.89	0.84	0.0	43.392	1.105	0.0	38.864	0.669	0.0	40.149	0.847
39	15008	15009	NS	1	0.0	51.973	3.164	0.0	47.258	4.37	0.0	41.832	2.531	0.0	45.35	3.261	0.0	54.03	3.326	0.0	48.851	4.157	0.0	40.316	2.538	0.0	43.409	2.948
40	15008	15009	NS	1	0.0	51.99	3.184	0.0	47.176	4.36	0.0	41.832	2.495	0.0	45.131	3.282	0.0	54.048	3.346	0.0	48.768	4.168	0.0	40.866	2.516	0.0	43.409	2.955
41	15008	15009	NS	1	0.0	44.134	0.826	0.0	43.689	1.139	0.0	36.423	0.658	0.0	43.435	0.96	0.0	45.932	0.86	0.0	43.133	1.105	0.0	38.167	0.656	0.0	39.892	0.845
42	15008	15009	SN	1	0.0	47.897	1.207	0.0	49.178	1.761	0.0	35.765	1.399	0.0	38.443	2.145	0.0	48.883	1.211	0.0	48.733	1.631	0.0	35.653	1.393	0.0	37.512	1.86
43	15009	15010	NS	1	0.0	43.12	1.548	0.0	45.534	1.828	0.0	43.285	1.565	0.0	41.944	1.82	0.0	44.793	1.573	0.0	46.199	1.774	0.0	45.705	1.622	0.0	44.608	1.786
44	15009	15010	SN	1	0.0	43.372	1.882	0.0	46.197	2.452	0.0	37.604	2.201	0.0	40.698	2.766	0.0	41.642	1.905	0.0	45.916	2.264	0.0	36.695	2.15	0.0	40.646	2.483
45	15009	15010	SN	1	0.0	43.372	1.882	0.0	46.197	2.452	0.0	37.604	2.201	0.0	40.698	2.766	0.0	41.642	1.905	0.0	45.916	2.264	0.0	36.695	2.15	0.0	40.646	2.483
46	15009	15010	NS	1	0.0	40.815	1.454	0.0	47.81	1.742	0.0	37.793	1.516	0.0	41.436	1.835	0.0	41.405	1.479	0.0	47.707	1.721	0.0	37.042	1.52	0.0	40.324	1.787
47	15009	15010	SN	1	0.0	47.057	7.339	0.0	42.796	8.652	0.0	46.93	6.542	0.0	43.851	7.904	0.0	46.354	7.329	0.0	43.311	8.154	0.0	45.432	6.62	0.0	44.948	7.519
48	15009	15010	SN	1	0.0	47.057	7.355	0.0	42.796	8.674	0.0	46.455	6.532	0.0	43.851	7.924	0.0	46.354	7.334	0.0	43.311	8.174	0.0	44.958	6.624	0.0	44.948	7.531
49	15009	15010	NS	1	0.0	47.595	4.928	0.0	54.864	5.83	0.0	41.017	4.798	0.0	45.452	5.861	0.0	48.257	5.222	0.0	53.271	5.709	0.0	43.225	4.919	0.0	43.794	5.768
50	15009	15010	SN	1	0.0	47.057	7.339	0.0	42.796	8.652	0.0	46.93	6.556	0.0	43.851	7.904	0.0	46.354	7.329	0.0	43.311	8.154	0.0	45.432	6.634	0.0	44.948	7.519
51	15009	15010	NS	1	0.0	45.415	5.098	0.0	54.864	6.106	0.0	42.567	4.917	0.0	41.803	5.884	0.0	47.005	5.129	0.0	53.952	6.076	0.0	41.243	5.144	0.0	40.4	5.849
52	15009	15010	SN	1	0.0	43.372	1.896	0.0	46.197	2.461	0.0	37.751	2.209	0.0	40.698	2.776	0.0	41.642	1.91	0.0	45.916	2.273	0.0	36.84	2.161	0.0	40.646	2.489
53	15010	15011	SN	1	0.0	50.667	7.396	0.0	49.979	10.048	0.0	42.555	7.086	0.0	48.652	8.672	0.0	51.407	7.396	0.0	51.527	9.518	0.0	42.183	7.086	0.0	45.891	8.644
54	15010	15011	NS	1	0.0	45.046	1.151	0.0	46.063	1.862	0.0	37.484	1.392	0.0	42.993	1.903	0.0	44.487	1.147	0.0	45.48	1.724	0.0	38.494	1.317	0.0	40.602	1.655
55	15010	15011	SN	1	0.0	50.036	2.283	0.0	52.51	3.071	0.0	37.029	2.114	0.0	45.79	2.689	0.0	52.038	2.299	0.0	52.166	3.03	0.0	36.843	2.083	0.0	42.071	2.659
56	15010	15011	SN	1	0.0	50.036	2.283	0.0	52.51	3.071	0.0	37.029	2.115	0.0	45.79	2.689	0.0	52.038	2.299	0.0	52.166	3.03	0.0	36.843	2.083	0.0	42.071	2.659
57	15010	15011	NS	1	0.0	47.952	3.892	0.0	53.794	5.832	0.0	41.509	4.498	0.0	40.437	5.515	0.0	48.682	3.862	0.0	53.588	5.548	0.0	42.579	4.434	0.0	41.976	4.918
58	15010	15011	NS	1	0.0	48.065	4.004	0.0	50.51	5.883	0.0	44.705	4.448	0.0	44.134	5.486	0.0	48.796	3.963	0.0	53.48	5.538	0.0	45.233	4.398	0.0	46.26	4.968
59	15010	15011	SN	1	0.0	50.036	2.296	0.0	52.51	3.147	0.0	37.029	2.138	0.0	45.79	2.725	0.0	52.038	2.319	0.0	52.166	3.119	0.0	36.843	2.101	0.0	42.071	2.69
60	15010	15011	NS	1	0.0	45.066	1.174	0.0	48.748	1.83	0.0	37.484	1.409	0.0	47.875	1.91	0.0	44.508	1.147	0.0	47.545	1.711	0.0	38.494	1.33	0.0	45.069	1.657
61	15010	15011	SN	1	0.0	50.667	7.409	0.0	50.861	10.243	0.0	42.555	7.235	0.0	48.652	8.814	0.0	51.407	7.44	0.0	54.561	9.782	0.0	42.183	7.228	0.0	45.891	8.843
62	15010	15011	SN	1	0.0	50.667	7.396	0.0	49.979	10.048	0.0	42.555	7.093	0.0	48.652	8.672	0.0	51.407	7.396	0.0	51.527	9.518	0.0	42.183	7.086	0.0	45.891	8.644
63	15011	15012	NS	1	0.0	43.396	5.614	0.0	43.916	7.272	0.0	42.184	5.15	0.0	42.663	6.772	0.0	44.081	5.664	0.0	44.731	6.978	0.0	43.484	5.299	0.0	44.501	6.53
64	15011	15012	SN	1	0.0	46.159	1.479	0.0	47.015	2.108	0.0	45.522	1.019	0.0	44.122	1.679	0.0	45.964	1.483	0.0	47.407	1.925	0.0	43.68	0.982	0.0	38.942	1.332
65	15011	15012	SN	1	0.0	46.159	1.492	0.0	47.015	2.118	0.0	45.522	1.044	0.0	43.726	1.67	0.0	45.964	1.485	0.0	47.407	1.93	0.0	43.68	0.989	0.0	38.542	1.316
66	15011	15012	SN	1	0.0	46.159	1.522	0.0	47.015	2.194	0.0	45.522	1.003	0.0	43.726	1.697	0.0	45.964	1.517	0.0	47.407	1.987	0.0	43.68	0.969	0.0	38.542	1.353
67	15011	15012	SN	1	0.0	52.53	6.491	0.0	53.293	8.705	0.0	42.884	4.597	0.0	49.159	5.957	0.0	54.237	6.582	0.0	52.174	8.318	0.0	41.592	4.369	0.0	52.671	5.144

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Deviations
Alarming
High Errors

68	15011	15012	NS	1	0.0	42.1	1.399	0.0	43.534	2.101	0.0	35.106	1.581	0.0	40.343	2.231	0.0	41.461	1.415	0.0	43.822	1.92	0.0	34.868	1.565	0.0	39.285	2.066
69	15011	15012	SN	1	0.0	52.53	6.459	0.0	53.293	8.9	0.0	42.884	4.601	0.0	49.159	6.066	0.0	54.237	6.524	0.0	52.174	8.511	0.0	41.592	4.375	0.0	52.671	5.224
70	15011	15012	SN	1	0.0	52.53	6.481	0.0	53.293	8.715	0.0	43.198	4.604	0.0	49.037	5.964	0.0	54.237	6.521	0.0	51.583	8.318	0.0	44.034	4.362	0.0	52.557	5.137
71	15012	15013	SN	1	0.0	51.023	3.002	0.0	51.902	4.378	0.0	42.855	2.607	0.0	42.799	3.938	0.0	50.808	3.023	0.0	52.313	4.022	0.0	40.885	2.48	0.0	42.516	3.546
72	15012	15013	SN	1	0.0	42.669	0.808	0.0	46.899	1.337	0.0	38.72	0.755	0.0	42.507	1.254	0.0	44.035	0.786	0.0	47.346	1.269	0.0	38.08	0.672	0.0	38.487	1.027
73	15012	15013	NS	1	0.0	49.139	1.788	0.0	50.25	2.261	0.0	41.945	1.662	0.0	47.57	2.281	0.0	48.556	1.773	0.0	50.766	2.123	0.0	45.06	1.589	0.0	51.407	2.104
74	15012	15013	NS	1	0.0	45.921	5.178	0.0	50.222	6.895	0.0	44.224	5.268	0.0	47.307	7.104	0.0	45.898	5.228	0.0	50.247	6.348	0.0	45.529	5.232	0.0	48.409	6.586
75	15012	15013	NS	1	0.0	50.367	5.279	0.0	52.377	6.663	0.0	50.372	5.327	0.0	48.194	6.907	0.0	50.517	5.228	0.0	53.512	6.085	0.0	51.132	5.327	0.0	48.491	6.459
76	15012	15013	NS	1	0.0	46.413	1.728	0.0	47.604	2.349	0.0	39.193	1.602	0.0	47.884	2.363	0.0	48.04	1.742	0.0	49.326	2.189	0.0	40.113	1.567	0.0	46.44	2.172
77	15013	15014	NS	1	0.0	53.2	7.367	0.0	55.817	9.613	0.0	42.131	6.333	0.0	51.006	8.596	0.0	53.208	7.397	0.0	53.478	9.268	0.0	42.545	6.283	0.0	51.355	8.099
78	15013	15014	NS	1	0.0	46.212	2.048	0.0	54.113	2.746	0.0	43.068	1.772	0.0	47.804	2.657	0.0	46.841	2.023	0.0	52.651	2.637	0.0	40.783	1.75	0.0	49.498	2.425
79	15013	15014	SN	1	0.0	43.345	0.964	0.0	38.311	1.482	0.0	36.823	1.054	0.0	36.293	1.449	0.0	41.968	1.009	0.0	39.832	1.557	0.0	35.344	1.07	0.0	35.858	1.475
80	15013	15014	SN	1	0.0	42.931	3.811	0.0	43.69	4.774	0.0	40.592	3.452	0.0	43.167	4.378	0.0	43.51	3.822	0.0	43.969	5.048	0.0	40.168	3.523	0.0	39.714	4.449
81	15014	15015	NS	1	0.0	42.915	1.047	0.0	44.507	1.577	0.0	43.078	1.132	0.0	46.087	1.506	0.0	41.579	1.06	0.0	45.141	1.471	0.0	41.814	1.04	0.0	44.472	1.268
82	15014	15015	SN	1	0.0	50.324	4.511	0.0	53.675	5.53	0.0	43.302	4.205	0.0	49.103	5.139	0.0	50.999	4.582	0.0	52.331	5.356	0.0	43.463	4.105	0.0	49.576	4.703
83	15014	15015	NS	1	0.0	45.332	4.165	0.0	54.224	5.344	0.0	42.747	3.635	0.0	47.985	5.236	0.0	46.006	4.246	0.0	54.476	5.242	0.0	41.806	3.486	0.0	46.896	4.682
84	15014	15015	SN	1	0.0	45.992	1.149	0.0	57.528	1.582	0.0	41.735	1.093	0.0	45.749	1.548	0.0	44.901	1.194	0.0	54.171	1.5	0.0	43.769	1.023	0.0	45.59	1.322
85	15015	15016	SN	1	0.0	44.622	4.166	0.0	50.548	5.059	0.0	43.302	4.141	0.0	48.797	5.022	0.0	45.385	4.166	0.0	50.181	4.723	0.0	43.003	4.162	0.0	48.686	4.558
86	15015	15016	SN	1	0.0	46.258	0.993	0.0	48.44	1.273	0.0	41.125	1.21	0.0	44.639	1.526	0.0	44.71	0.988	0.0	50.181	1.192	0.0	40.371	1.156	0.0	44.707	1.338
87	15015	15016	NS	1	0.0	47.728	3.241	0.0	51.201	3.924	0.0	41.675	3.17	0.0	50.615	4.212	0.0	48.1	3.303	0.0	50.545	3.666	0.0	41.047	3.17	0.0	50.302	3.596
88	15015	15016	NS	1	0.0	40.765	0.896	0.0	54.733	1.323	0.0	39.464	0.995	0.0	46.883	1.447	0.0	41.274	0.894	0.0	52.193	1.252	0.0	37.449	0.919	0.0	45.802	1.227
89	15015	15016	NS	1	0.0	47.587	3.213	0.0	51.201	3.855	0.0	41.676	3.155	0.0	50.636	4.122	0.0	47.959	3.243	0.0	49.168	3.621	0.0	41.045	3.119	0.0	50.325	3.525
90	15015	15016	NS	1	0.0	47.728	3.183	0.0	51.201	3.865	0.0	41.675	3.112	0.0	50.615	4.136	0.0	48.1	3.243	0.0	50.545	3.601	0.0	41.047	3.112	0.0	50.302	3.532
91	15015	15016	SN	1	0.0	46.258	0.993	0.0	48.44	1.273	0.0	41.125	1.21	0.0	44.639	1.526	0.0	44.71	0.988	0.0	50.181	1.192	0.0	40.371	1.156	0.0	44.707	1.338
92	15015	15016	NS	1	0.0	40.765	0.88	0.0	54.733	1.302	0.0	39.464	0.977	0.0	46.883	1.421	0.0	41.274	0.878	0.0	52.193	1.23	0.0	37.449	0.904	0.0	45.802	1.205
93	15015	15016	NS	1	0.0	40.765	0.889	0.0	54.725	1.289	0.0	39.221	0.993	0.0	46.921	1.416	0.0	41.274	0.874	0.0	52.19	1.228	0.0	37.208	0.924	0.0	45.838	1.196
94	15015	15016	SN	1	0.0	44.622	4.166	0.0	50.548	5.059	0.0	43.302	4.141	0.0	48.797	5.022	0.0	45.385	4.166	0.0	50.181	4.723	0.0	43.003	4.162	0.0	48.686	4.558
95	15016	15017	NS	1	0.0	52.972	4.174	0.0	49.868	5.499	0.0	41.54	5.034	0.0	42.567	6.125	0.0	53.75	4.28	0.0	49.022	5.244	0.0	44.341	4.929	0.0	38.198	5.453
96	15016	15017	SN	1	0.0	44.442	1.458	0.0	43.048	1.85	0.0	41.19	1.518	0.0	42.122	1.934	0.0	44.024	1.442	0.0	42.883	1.764	0.0	41.68	1.517	0.0	41.11	1.927
97	15016	15017	NS	1	0.0	52.972	3.953	0.0	49.868	5.244	0.0	42.198	4.795	0.0	47.572	5.842	0.0	53.75	4.064	0.0	49.022	5.011	0.0	45.063	4.731	0.0	45.171	5.209
98	15016	15017	NS	1	0.0	52.972	3.942	0.0	49.868	5.244	0.0	41.542	4.795	0.0	42.567	5.828	0.0	53.75	4.054	0.0	49.022	5.011	0.0	44.408	4.689	0.0	38.198	5.188
99	15016	15017	NS	1	0.0	49.574	1.309	0.0	49.478	1.629	0.0	41.501	1.573	0.0	41.549	2.211	0.0	51.805	1.281	0.0	51.46	1.593	0.0	41.416	1.511	0.0	41.774	1.875
100	15016	15017	NS	1	0.0	49.574	1.266	0.0	49.478	1.546	0.0	41.198	1.478	0.0	44.015	2.098	0.0	51.805	1.237	0.0	51.46	1.521	0.0	41.982	1.422	0.0	42.892	1.79
101	15016	15017	NS	1	0.0	49.574	1.255	0.0	49.478	1.537	0.0	41.501	1.489	0.0	41.549	2.103	0.0	51.805	1.235	0.0	51.46	1.507	0.0	41.416	1.441	0.0	41.774	1.784
102	15016	15017	SN	1	0.0	48.809	4.216	0.0	48.601	5.08	0.0	49.02	5.227	0.0	43.138	5.998	0.0	48.792	4.236	0.0	51.276	4.917	0.0	47.394	5.34	0.0	43.576	5.934
103	15017	15018	NS	1	0.0	44.206	2.52	0.0	43.093	3.154	0.0	45.37	2.233	0.0	40.623	3.246	0.0	43.0	2.534	0.0	43.26	2.975	0.0	43.592	2.224	0.0	38.798	2.921

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Alarming
Deviations
High Errors

104	15017	15018	SN	1	0.0	48.361	5.108	0.0	49.13	5.569	0.0	38.157	5.028	0.0	48.712	5.556	0.0	49.129	4.976	0.0	52.313	5.569	0.0	38.516	5.156	0.0	46.616	5.463
105	15017	15018	SN	1	0.0	48.361	5.098	0.0	49.181	5.579	0.0	43.409	5.056	0.0	48.712	5.52	0.0	49.129	4.966	0.0	52.363	5.569	0.0	42.51	5.163	0.0	46.616	5.42
106	15017	15018	NS	1	0.0	53.344	9.051	0.0	53.279	11.136	0.0	41.087	7.783	0.0	49.86	10.345	0.0	54.428	9.174	0.0	52.401	10.555	0.0	39.298	8.011	0.0	53.185	9.624
107	15017	15018	SN	1	0.0	37.363	1.264	0.0	45.121	1.556	0.0	42.654	1.518	0.0	40.087	2.035	0.0	37.678	1.3	0.0	45.301	1.429	0.0	40.411	1.508	0.0	37.371	1.858
108	15017	15018	NS	1	0.0	47.538	2.732	0.0	44.308	3.447	0.0	44.093	2.488	0.0	40.522	3.597	0.0	47.585	2.777	0.0	41.571	3.283	0.0	42.316	2.451	0.0	46.333	3.206
109	15017	15018	NS	1	0.0	50.777	8.116	0.0	51.544	9.916	0.0	39.815	7.002	0.0	40.944	9.391	0.0	52.844	8.289	0.0	50.664	9.469	0.0	38.771	7.137	0.0	40.924	8.78
110	15017	15018	NS	1	0.0	53.344	8.197	0.0	53.279	10.119	0.0	41.087	7.024	0.0	49.86	9.384	0.0	54.428	8.309	0.0	52.401	9.591	0.0	39.298	7.251	0.0	53.185	8.759
111	15017	15018	NS	1	0.0	47.538	2.493	0.0	45.056	3.129	0.0	44.093	2.238	0.0	40.522	3.272	0.0	47.585	2.532	0.0	42.32	2.973	0.0	42.316	2.204	0.0	46.333	2.911
112	15017	15018	SN	1	0.0	37.362	1.27	0.0	45.121	1.556	0.0	42.654	1.517	0.0	40.087	2.043	0.0	37.677	1.3	0.0	45.301	1.432	0.0	40.411	1.502	0.0	37.371	1.865
113	15018	15019	NS	1	0.0	44.459	2.713	0.0	45.553	3.349	0.0	42.745	2.66	0.0	40.797	3.449	0.0	45.055	2.752	0.0	44.235	3.335	0.0	43.814	2.694	0.0	37.907	3.426
114	15018	15019	SN	1	0.0	41.668	2.111	0.0	49.606	2.671	0.0	41.217	1.925	0.0	45.213	2.489	0.0	41.623	2.113	0.0	48.449	2.549	0.0	42.316	1.941	0.0	40.885	2.437
115	15018	15019	SN	1	0.0	41.668	2.084	0.0	49.606	2.81	0.0	41.217	1.928	0.0	45.737	2.616	0.0	41.623	2.121	0.0	47.351	2.686	0.0	42.316	1.959	0.0	42.068	2.589
116	15018	15019	SN	1	0.0	44.089	2.082	0.0	48.129	2.696	0.0	40.731	1.955	0.0	42.023	2.526	0.0	44.539	2.093	0.0	48.106	2.583	0.0	39.707	1.957	0.0	41.979	2.435
117	15018	15019	NS	1	0.0	46.769	8.057	0.234	48.925	8.982	0.0	47.691	7.998	0.0	51.249	9.299	0.0	47.289	8.199	0.93	51.085	8.911	0.0	46.312	8.232	0.0	53.496	9.484
118	15018	15019	NS	1	0.0	51.042	7.905	0.198	52.842	9.063	0.0	47.948	7.934	0.0	51.045	9.349	0.0	51.538	8.047	0.93	54.994	9.012	0.0	45.746	8.225	0.0	53.234	9.47
119	15018	15019	SN	1	0.0	49.738	7.659	0.0	47.425	9.775	0.0	44.883	6.623	0.0	47.416	8.112	0.0	50.695	7.791	0.0	48.474	9.449	0.0	45.149	6.608	0.0	43.663	7.947
120	15018	15019	NS	1	0.0	51.042	9.198	0.198	52.842	10.675	0.0	47.948	9.176	0.0	51.045	10.862	0.0	51.538	9.364	1.18	54.994	10.627	0.0	45.746	9.468	0.0	53.234	11.095
121	15018	15019	SN	1	0.0	49.144	7.689	0.0	46.309	9.775	0.0	46.356	6.601	0.0	48.11	8.126	0.0	50.093	7.851	0.0	49.275	9.622	0.0	46.048	6.765	0.0	46.343	7.805
122	15018	15019	NS	1	0.0	44.459	2.331	0.0	45.553	2.849	0.0	42.745	2.272	0.0	40.797	2.948	0.0	45.055	2.358	0.0	44.235	2.84	0.0	43.814	2.33	0.0	37.907	2.914
123	15018	15019	NS	1	0.0	43.83	2.311	0.0	42.723	2.811	0.0	40.01	2.284	0.0	40.569	2.944	0.0	44.425	2.333	0.0	44.008	2.781	0.0	37.782	2.299	0.0	41.406	2.879
124	15018	15019	SN	1	0.0	51.56	7.77	0.0	44.464	10.262	0.0	46.356	6.564	0.0	48.11	8.609	0.0	52.664	7.944	0.0	45.5	10.163	0.0	46.048	6.748	0.0	44.277	8.179
125	15019	15020	NS	1	0.0	49.066	2.237	0.0	51.693	2.68	0.0	45.103	1.949	0.0	46.393	2.366	0.0	50.488	2.201	0.0	48.828	2.452	0.0	42.479	1.885	0.0	45.799	2.019
126	15019	15020	NS	1	0.0	56.011	8.474	0.0	55.342	9.39	0.0	46.808	6.781	0.0	47.157	7.516	0.0	57.339	8.555	0.0	56.281	8.741	0.0	47.791	6.568	0.0	48.47	6.685
127	15019	15020	SN	1	0.0	46.187	5.738	0.0	52.344	6.545	0.0	46.582	4.451	0.0	46.623	5.448	0.0	45.775	5.79	0.0	49.894	6.025	0.0	46.218	4.277	0.0	46.403	4.705
128	15019	15020	SN	1	0.0	43.206	1.374	0.0	48.191	1.741	0.0	41.823	1.131	0.0	46.381	1.535	0.0	44.348	1.406	0.0	44.993	1.626	0.0	41.759	1.078	0.0	45.903	1.332
129	15019	15020	SN	1	0.0	46.187	5.748	0.0	52.344	6.524	0.0	46.582	4.56	0.0	46.623	5.45	0.0	46.008	5.829	0.0	49.894	6.025	0.0	46.218	4.368	0.0	46.403	4.686
130	15019	15020	SN	1	0.0	43.206	1.372	0.0	48.191	1.764	0.0	41.823	1.127	0.0	46.381	1.54	0.0	44.348	1.407	0.0	44.993	1.641	0.0	41.759	1.071	0.0	45.903	1.344
131	15020	15021	NS	1	0.0	46.831	2.939	0.0	44.323	3.52	0.0	47.08	3.055	0.0	49.408	3.305	0.0	49.661	2.929	0.0	44.933	3.266	0.0	45.466	2.864	0.0	45.547	2.935
132	15020	15021	SN	1	0.0	38.769	1.112	0.0	49.601	1.478	0.0	40.94	1.1	0.0	39.397	1.477	0.0	38.287	1.135	0.0	47.592	1.446	0.0	43.233	1.121	0.0	40.83	1.355
133	15020	15021	SN	1	0.0	45.058	4.28	0.0	51.792	5.059	0.0	45.516	3.354	0.0	39.509	4.483	0.0	43.83	4.342	0.0	50.831	4.987	0.0	45.099	3.325	0.0	40.617	4.18
134	15020	15021	NS	1	0.0	49.807	3.071	0.0	58.412	3.61	0.0	46.34	3.0	0.0	45.977	3.73	0.0	52.511	3.051	0.0	59.661	3.437	0.0	44.946	2.836	0.0	46.304	3.197
135	15020	15021	NS	1	0.0	43.797	0.799	0.0	41.789	1.14	0.0	38.267	0.97	0.0	40.459	1.113	0.0	45.285	0.806	0.0	43.349	1.02	0.0	38.868	0.904	0.0	35.418	0.985
136	15020	15021	NS	1	0.0	45.392	0.824	0.0	44.56	1.157	0.0	44.953	0.933	0.0	45.076	1.22	0.0	44.482	0.824	0.0	43.511	1.092	0.0	43.039	0.865	0.0	42.549	0.979
137	15020	15021	SN	1	0.0	39.435	1.118	0.0	49.601	1.476	0.0	40.94	1.085	0.0	39.397	1.47	0.0	40.308	1.134	0.0	47.592	1.444	0.0	43.235	1.101	0.0	40.817	1.353
138	15020	15021	SN	1	0.0	45.058	4.327	0.0	47.807	5.1	0.0	45.688	3.378	0.0	39.498	4.512	0.0	43.83	4.378	0.0	47.171	4.987	0.0	45.145	3.335	0.0	40.605	4.173
139	15021	15022	NS	1	0.0	41.88	0.851	0.0	37.849	1.09	0.0	39.357	1.057	0.0	39.237	1.265	0.0	41.942	0.869	0.0	34.975	0.968	0.0	36.932	0.994	0.0	41.364	1.184

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Deviations
Alarming
High Errors

140	15021	15022	SN	1	0.0	39.583	1.11	0.0	42.45	1.398	0.0	38.786	1.323	0.0	38.315	1.627	0.0	39.961	1.112	0.0	39.269	1.287	0.0	38.091	1.221	0.0	37.96	1.401
141	15021	15022	NS	1	0.0	46.11	2.98	0.0	47.747	3.429	0.0	38.098	3.297	0.0	38.296	3.866	0.0	46.032	2.97	0.0	46.33	3.246	0.0	38.47	3.205	0.0	34.74	3.482
142	15021	15022	SN	1	0.0	48.706	4.673	0.0	40.875	5.161	0.0	44.953	4.225	0.0	41.769	5.164	0.0	50.03	4.764	0.0	42.561	4.825	0.0	42.074	4.402	0.0	40.214	4.679
143	15022	15023	NS	1	0.0	47.159	0.938	0.0	45.276	1.3	0.0	46.738	0.895	0.0	42.922	1.101	0.0	46.147	0.934	0.0	43.505	1.196	0.0	48.822	0.822	0.0	38.733	0.947
144	15022	15023	SN	1	0.0	45.657	3.922	0.0	42.219	5.66	0.0	44.804	4.161	0.0	41.879	5.463	0.0	47.163	3.871	0.0	42.138	5.416	0.0	46.128	4.182	0.0	38.512	5.157
145	15022	15023	SN	1	0.0	46.572	1.176	0.0	41.701	1.701	0.0	40.296	1.419	0.0	39.795	1.897	0.0	44.919	1.207	0.0	40.071	1.57	0.0	41.969	1.362	0.0	36.879	1.682
146	15022	15023	NS	1	0.0	48.268	4.073	0.0	52.566	5.125	0.0	40.152	3.274	0.0	41.008	3.832	0.0	48.077	4.124	0.0	50.385	4.75	0.0	42.328	3.182	0.0	43.317	3.399
147	15023	15024	SN	1	0.0	48.215	4.918	0.056	49.393	6.721	0.0	43.076	4.561	0.0	44.417	5.879	0.0	49.019	5.019	0.031	47.92	6.222	0.0	43.146	4.603	0.0	41.903	5.536
148	15023	15024	NS	1	0.0	48.751	3.791	0.0	48.019	4.374	0.0	48.74	3.382	0.0	45.618	4.344	0.0	49.388	3.791	0.0	49.592	4.181	0.0	48.055	3.417	0.0	47.592	3.946
149	15023	15024	NS	1	0.0	42.621	1.065	0.0	41.501	1.257	0.0	44.301	1.04	0.0	39.602	1.329	0.0	42.761	1.049	0.0	43.291	1.196	0.0	41.542	0.961	0.0	40.194	1.205
150	15023	15024	SN	1	0.0	38.969	1.142	0.0	50.961	1.785	0.0	41.984	1.422	0.0	45.103	2.136	0.0	39.821	1.12	0.0	52.635	1.588	0.0	39.491	1.349	0.0	43.11	1.864
151	15024	15025	SN	1	0.0	44.957	2.19	0.0	45.299	3.561	0.0	41.984	2.021	0.0	40.811	2.905	0.0	45.653	2.183	0.0	46.171	3.319	0.0	43.591	1.964	0.0	42.172	2.722
152	15024	15025	NS	1	0.0	47.989	1.471	0.0	47.29	1.839	0.0	45.915	1.334	0.0	42.188	1.816	0.0	49.511	1.462	0.0	46.233	1.742	0.0	43.239	1.238	0.0	41.913	1.589
153	15024	15025	SN	1	0.0	44.95	2.264	0.0	46.583	3.523	0.0	44.843	1.971	0.0	40.915	2.855	0.0	44.385	2.26	0.0	48.218	3.276	0.0	43.188	1.973	0.0	45.006	2.694
154	15024	15025	SN	1	0.0	48.3	7.818	0.303	49.959	12.057	0.0	50.264	6.557	0.0	47.855	9.103	0.0	49.737	7.777	0.322	50.474	11.538	0.0	49.089	6.685	0.0	49.516	8.504
155	15024	15025	NS	1	0.0	50.666	4.701	0.0	53.724	5.598	0.0	47.957	4.438	0.0	47.324	5.904	0.0	49.775	4.802	0.0	54.507	5.294	0.0	44.089	4.402	0.0	47.026	5.286
156	15024	15025	SN	1	0.0	48.183	7.879	0.302	58.051	12.22	0.0	47.971	6.365	0.0	48.647	9.31	0.0	48.33	7.858	0.325	58.693	11.752	0.0	49.148	6.508	0.0	50.308	8.739
157	15024	15025	NS	1	0.0	47.989	1.471	0.0	47.29	1.839	0.0	45.915	1.334	0.0	42.188	1.816	0.0	49.511	1.462	0.0	46.233	1.742	0.0	43.239	1.238	0.0	41.913	1.589
158	15025	15026	SN	1	0.0	51.082	5.099	0.0	50.514	6.798	0.0	47.991	4.084	0.0	48.925	4.743	0.0	51.771	5.089	0.0	49.184	6.33	0.0	45.854	3.842	0.0	49.137	4.151
159	15025	15026	SN	1	0.0	43.33	1.236	0.0	46.662	1.81	0.0	41.814	1.24	0.0	47.352	1.428	0.0	43.353	1.26	0.0	47.867	1.628	0.0	43.481	1.162	0.0	46.204	1.179
160	15025	15026	SN	1	0.0	43.33	1.241	0.0	46.662	1.805	0.0	41.814	1.228	0.0	45.986	1.417	0.0	43.353	1.264	0.0	47.867	1.624	0.0	43.481	1.152	0.0	46.218	1.156
161	15025	15026	SN	1	0.0	43.33	1.241	0.0	46.662	1.805	0.0	41.814	1.228	0.0	45.986	1.417	0.0	43.353	1.264	0.0	47.867	1.624	0.0	43.481	1.152	0.0	46.218	1.156
162	15025	15026	SN	1	0.0	51.082	5.012	0.0	50.514	6.68	0.0	47.991	4.123	0.0	48.929	4.669	0.0	51.771	4.969	0.0	49.184	6.244	0.0	45.854	3.929	0.0	49.137	4.102
163	15025	15026	NS	1	0.0	47.071	1.219	0.0	49.346	1.728	0.0	39.614	1.383	0.0	41.053	1.718	0.0	46.244	1.226	0.0	45.728	1.609	0.0	37.386	1.317	0.0	43.367	1.52
164	15025	15026	NS	1	0.0	49.533	4.065	0.0	47.259	5.171	0.0	45.219	4.506	0.0	42.529	5.115	0.0	50.111	3.994	0.0	47.605	4.898	0.0	47.606	4.378	0.0	43.178	4.795
165	15025	15026	NS	1	0.0	51.023	4.116	0.0	51.421	5.131	0.0	41.661	4.378	0.0	43.005	5.101	0.0	51.601	4.075	0.0	50.579	4.898	0.0	41.676	4.314	0.0	42.002	4.774
166	15025	15026	NS	1	0.0	44.529	1.233	0.0	50.856	1.753	0.0	37.742	1.406	0.0	40.276	1.787	0.0	44.877	1.219	0.0	51.087	1.629	0.0	37.418	1.353	0.0	40.67	1.594
167	15025	15026	SN	1	0.0	51.082	5.099	0.0	50.514	6.798	0.0	47.991	4.084	0.0	48.925	4.743	0.0	51.771	5.089	0.0	49.184	6.33	0.0	45.854	3.842	0.0	49.137	4.151
168	15026	15027	SN	1	0.0	42.98	0.874	0.0	43.183	1.309	0.0	42.111	0.817	0.0	36.808	1.12	0.0	44.676	0.862	0.0	44.506	1.157	0.0	42.168	0.787	0.0	39.457	0.932
169	15026	15027	SN	1	0.0	50.282	3.341	0.0	47.555	4.022	0.0	48.024	3.182	0.0	41.931	3.464	0.0	51.365	3.274	0.0	49.372	3.672	0.0	46.789	2.992	0.0	39.194	3.242
170	15026	15027	SN	1	0.0	50.282	3.408	0.0	47.555	4.692	0.0	48.024	3.127	0.0	41.931	3.93	0.0	51.365	3.347	0.0	49.372	4.223	0.0	46.789	2.956	0.0	39.194	3.674
171	15026	15027	SN	1	0.0	50.282	3.408	0.0	47.555	4.692	0.0	48.024	3.127	0.0	41.931	3.93	0.0	51.365	3.347	0.0	49.372	4.223	0.0	46.789	2.956	0.0	39.194	3.674
172	15026	15027	NS	1	0.0	48.498	6.547	0.0	47.843	8.054	0.0	48.127	5.884	0.0	47.46	7.569	0.0	48.449	6.588	0.0	49.313	7.841	0.0	46.275	6.033	0.0	46.537	7.278
173	15026	15027	NS	1	0.0	48.498	6.336	0.0	47.96	7.686	0.0	42.714	5.935	0.0	48.63	7.502	0.0	48.449	6.396	0.0	49.313	7.554	0.0	43.387	5.899	0.0	45.93	7.133
174	15026	15027	SN	1	0.0	42.98	0.852	0.0	43.183	1.185	0.0	42.111	0.847	0.0	36.808	1.013	0.0	44.676	0.852	0.0	44.506	1.037	0.0	42.168	0.825	0.0	39.457	0.835
175	15026	15027	SN	1	0.0	42.98	0.876	0.0	43.183	1.309	0.0	42.111	0.817	0.0	36.808	1.12	0.0	44.676	0.862	0.0	44.506	1.157	0.0	42.168	0.789	0.0	39.457	0.932

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Deviations
Alarming
High Errors

176	15026	15027	NS	1	0.0	45.678	1.787	0.0	43.669	2.167	0.0	37.668	1.746	0.0	45.103	2.451	0.0	45.543	1.758	0.0	42.261	2.119	0.0	38.334	1.769	0.0	47.471	2.263
177	15026	15027	NS	1	0.0	46.246	1.662	0.0	41.37	2.127	0.0	38.704	1.725	0.0	47.98	2.597	0.0	48.04	1.678	0.0	42.571	2.062	0.0	40.871	1.729	0.0	42.919	2.389
178	15027	15028	NS	1	0.0	45.906	2.122	0.0	52.709	2.683	0.0	38.259	1.971	0.0	45.609	2.488	0.0	46.061	2.167	0.0	51.187	2.575	0.0	39.696	1.891	0.0	43.827	2.265
179	15027	15028	NS	1	0.0	51.889	8.128	0.0	54.185	9.008	0.0	42.611	7.297	0.0	46.591	8.095	0.0	52.189	8.047	0.0	51.494	8.795	0.0	42.157	7.112	0.0	44.814	7.896
180	15027	15028	SN	1	0.0	43.457	2.818	0.0	45.828	3.512	0.0	41.121	2.401	0.0	37.147	3.281	0.0	43.222	2.879	0.0	48.373	3.329	0.0	41.678	2.401	0.0	37.615	2.967
181	15027	15028	NS	1	0.0	52.367	8.128	0.0	54.185	8.967	0.0	44.289	7.311	0.0	50.817	8.074	0.0	52.674	8.098	0.0	51.494	8.775	0.0	44.264	7.077	0.0	46.705	7.875
182	15027	15028	SN	1	0.0	37.586	0.682	0.0	44.326	0.993	0.0	38.738	0.792	0.0	41.569	1.149	0.0	37.775	0.691	0.0	42.794	0.968	0.0	38.648	0.808	0.0	37.413	1.057
183	15027	15028	SN	1	0.0	43.457	2.818	0.0	45.828	3.512	0.0	41.121	2.401	0.0	37.147	3.281	0.0	43.222	2.879	0.0	48.373	3.329	0.0	41.678	2.401	0.0	37.615	2.967
184	15027	15028	SN	1	0.0	37.586	0.682	0.0	44.326	0.993	0.0	38.738	0.792	0.0	41.569	1.149	0.0	37.775	0.691	0.0	42.794	0.968	0.0	38.648	0.808	0.0	37.413	1.057
185	15027	15028	NS	1	0.0	47.747	2.147	0.0	52.709	2.688	0.0	53.073	1.952	0.0	40.68	2.486	0.0	47.17	2.169	0.0	51.187	2.586	0.0	53.501	1.861	0.0	41.274	2.254
186	15028	15029	SN	1	0.0	44.082	1.04	0.0	45.842	1.48	0.0	42.159	1.134	0.0	39.591	1.688	0.0	43.972	1.045	0.0	44.194	1.36	0.0	37.997	1.068	0.0	37.991	1.501
187	15028	15029	SN	1	0.0	49.55	4.043	0.944	56.189	5.17	0.0	50.735	3.925	0.0	44.663	4.796	0.0	49.059	4.093	0.21	53.983	4.845	0.0	51.626	3.961	0.0	42.345	4.583
188	15028	15029	NS	1	0.0	45.381	1.302	0.0	43.684	1.799	0.0	43.526	1.244	0.0	45.68	1.854	0.0	44.741	1.297	0.0	44.556	1.662	0.0	41.272	1.171	0.0	40.157	1.659
189	15028	15029	NS	1	0.0	45.036	1.29	0.0	43.248	1.79	0.0	44.354	1.23	0.0	44.561	1.854	0.0	44.412	1.288	0.0	42.426	1.641	0.0	43.084	1.162	0.0	40.853	1.7
190	15028	15029	NS	1	0.0	50.98	5.32	0.0	47.267	6.901	0.0	44.631	4.325	0.0	47.929	6.008	0.0	49.669	5.259	0.0	49.333	6.526	0.0	42.819	4.396	0.0	49.043	5.489
191	15028	15029	NS	1	0.0	48.505	5.472	0.0	55.814	6.881	0.0	46.063	4.325	0.0	46.133	5.973	0.0	49.7	5.32	0.0	55.829	6.445	0.0	44.252	4.332	0.0	44.315	5.454
192	15029	15030	NS	1	0.0	39.226	0.649	0.0	39.252	0.953	0.0	40.18	0.841	0.0	44.079	1.374	0.0	38.826	0.645	0.0	42.24	0.81	0.0	38.971	0.751	0.0	45.251	1.105
193	15029	15030	SN	1	0.0	48.597	1.461	0.0	49.001	1.749	0.0	40.937	1.262	0.0	40.137	1.601	0.0	47.483	1.463	0.0	46.956	1.683	0.0	40.387	1.232	0.0	37.159	1.413
194	15029	15030	NS	1	0.0	46.472	2.453	0.0	52.989	3.167	0.0	42.648	2.572	0.0	47.341	3.647	0.0	46.658	2.443	0.0	52.952	2.801	0.0	41.028	2.273	0.0	45.382	3.057
195	15029	15030	NS	1	0.0	39.226	0.645	0.0	39.252	0.948	0.0	40.18	0.837	0.0	44.079	1.367	0.0	38.826	0.641	0.0	42.24	0.806	0.0	38.971	0.746	0.0	45.251	1.099
196	15029	15030	NS	1	0.0	46.472	2.467	0.0	52.989	3.183	0.0	42.648	2.579	0.0	47.341	3.666	0.0	46.658	2.457	0.0	52.952	2.815	0.0	41.028	2.279	0.0	45.382	3.073
197	15029	15030	SN	1	0.0	52.233	4.938	0.323	54.499	5.886	0.0	45.989	4.987	0.0	48.571	5.379	0.0	53.614	4.979	0.175	53.043	5.672	0.0	46.479	4.703	0.0	48.152	4.801
198	15030	15031	NS	1	0.0	42.126	1.09	0.0	45.892	1.708	0.0	44.792	1.453	0.0	44.241	1.812	0.0	42.413	1.09	0.0	45.48	1.613	0.0	44.008	1.384	0.0	47.197	1.653
199	15030	15031	NS	1	0.0	42.126	1.123	0.0	45.892	1.759	0.0	44.792	1.499	0.0	44.241	1.867	0.0	42.413	1.126	0.0	45.48	1.664	0.0	44.008	1.43	0.0	47.197	1.705
200	15030	15031	NS	1	0.0	46.865	4.317	0.0	47.239	5.628	0.0	40.941	4.324	0.0	44.563	5.556	0.0	47.776	4.317	0.0	49.398	5.365	0.0	40.888	4.438	0.0	47.197	5.059
201	15030	15031	SN	1	0.0	48.07	1.264	0.0	46.422	1.638	0.0	41.047	1.097	0.0	42.965	1.493	0.0	48.346	1.248	0.0	45.241	1.62	0.0	38.243	1.11	0.0	42.858	1.377
202	15030	15031	SN	1	0.0	49.461	4.584	0.77	48.37	6.11	0.0	47.32	4.171	0.0	46.325	5.386	0.0	50.31	4.706	0.055	48.2	6.039	0.0	48.153	4.114	0.0	46.482	5.201
203	15030	15031	NS	1	0.0	46.865	4.448	0.0	47.239	5.805	0.0	40.941	4.468	0.0	44.563	5.732	0.0	47.776	4.448	0.0	49.398	5.533	0.0	40.888	4.6	0.0	47.197	5.219
204	15031	15032	SN	1	0.0	46.801	3.852	0.0	38.186	4.631	0.0	42.159	3.878	0.0	44.105	5.199	0.0	47.223	3.964	0.0	38.298	4.377	0.0	43.874	3.785	0.0	41.675	4.521
205	15031	15032	NS	1	0.0	48.918	6.285	0.0	52.62	7.058	0.0	49.478	5.843	0.0	40.748	7.858	0.0	49.448	6.254	0.0	52.642	6.723	0.0	46.375	5.7	0.0	44.29	7.183
206	15031	15032	SN	1	0.0	44.131	0.912	0.0	43.57	1.271	0.0	37.527	1.196	0.0	40.779	1.806	0.0	41.644	0.876	0.0	42.917	1.097	0.0	36.172	1.148	0.0	41.261	1.535
207	15031	15032	NS	1	0.0	40.126	1.811	0.0	46.258	2.369	0.0	48.749	1.796	0.0	40.952	2.852	0.0	39.901	1.813	0.0	45.621	2.22	0.0	48.603	1.708	0.0	36.483	2.389
208	15031	15032	NS	1	0.0	48.918	6.798	0.0	52.62	7.638	0.0	49.478	6.304	0.0	40.748	8.527	0.0	49.448	6.765	0.0	52.642	7.297	0.0	46.375	6.158	0.0	44.29	7.802
209	15031	15032	NS	1	0.0	40.126	1.964	0.0	46.258	2.575	0.0	48.749	1.947	0.0	40.952	3.093	0.0	39.901	1.967	0.0	45.621	2.416	0.0	48.603	1.848	0.0	36.483	2.594
210	15032	15033	SN	1	0.0	46.47	5.041	0.0	50.358	6.748	0.0	42.335	4.228	0.0	48.305	6.469	0.0	48.626	4.949	0.0	51.428	6.382	0.0	42.11	4.434	0.0	46.872	5.713
211	15032	15033	SN	1	0.0	45.072	1.112	0.0	40.197	1.915	0.0	40.788	1.311	0.0	39.535	2.146	0.0	44.32	1.097	0.0	40.848	1.787	0.0	37.153	1.285	0.0	38.861	1.842

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Deviations
Alarming
High Errors

212	15032	15033	SN	1	0.0	43.424	4.662	0.0	50.579	6.811	0.0	40.702	4.111	0.0	41.9	6.592	0.0	44.016	4.529	0.0	51.695	6.478	0.0	38.269	4.188	0.0	38.767	5.852
213	15032	15033	NS	1	0.0	49.933	9.121	0.0	47.289	8.827	0.0	46.006	7.267	0.0	45.281	8.286	0.0	49.255	9.152	0.0	46.896	8.228	0.0	45.828	7.175	0.0	47.967	7.987
214	15032	15033	NS	1	0.0	49.933	10.345	0.0	47.289	10.035	0.0	46.006	8.222	0.0	45.281	9.436	0.0	49.255	10.38	0.0	46.896	9.343	0.0	45.828	8.142	0.0	47.967	9.039
215	15032	15033	NS	1	0.0	46.365	2.719	0.0	43.947	2.813	0.0	38.701	2.674	0.0	47.03	3.026	0.0	46.032	2.763	0.0	45.299	2.669	0.0	38.012	2.591	0.0	46.804	2.792
216	15032	15033	NS	1	0.0	46.365	2.399	0.0	43.947	2.48	0.0	38.701	2.355	0.0	47.03	2.668	0.0	46.032	2.44	0.0	45.299	2.351	0.0	38.012	2.29	0.0	46.804	2.462
217	15033	15034	NS	1	0.0	48.141	8.199	0.0	57.528	9.637	0.0	45.474	7.708	0.0	49.272	9.446	0.0	48.76	8.341	0.0	56.473	9.302	0.0	43.479	7.573	0.0	46.192	8.891

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	15004	15005	SN	1	0.0	23.301	5.795	0.0	67.548	6.875	0.0	123.045	1.789	0.0	153.129	2.875	0.0	1.413	0.0	0.0	1.756	0.0	0.0	1.845	0.0	0.0	2.109	0.0
2	15004	15005	SN	1	0.0	23.301	5.795	0.0	67.548	6.875	0.0	123.045	1.789	0.0	153.129	2.875	0.0	1.413	0.0	0.0	1.756	0.0	0.0	1.845	0.0	0.0	2.109	0.0
3	15004	15005	SN	1	0.0	29.428	12.891	0.0	279.056	13.701	0.0	134.913	9.374	0.0	38.886	11.946	0.0	1.419	0.0	0.0	1.756	0.0	0.0	1.799	0.0	0.0	2.109	0.0
4	15004	15005	SN	1	0.0	29.428	12.891	0.0	279.056	13.701	0.0	134.913	9.374	0.0	38.886	11.946	0.0	1.419	0.0	0.0	1.756	0.0	0.0	1.799	0.0	0.0	2.109	0.0
5	15004	15005	SN	1	0.0	29.428	12.957	0.0	279.056	13.296	0.0	134.913	9.573	0.0	31.35	11.081	0.0	1.419	0.0	0.0	1.756	0.0	0.0	1.799	0.0	0.0	2.109	0.0
6	15004	15005	SN	1	0.0	23.301	5.858	0.0	67.548	6.825	0.0	123.045	1.816	0.0	153.129	2.692	0.0	1.413	0.0	0.0	1.756	0.0	0.0	1.845	0.0	0.0	2.109	0.0
7	15005	15006	NS	1	0.0	24.2	6.485	0.0	24.707	7.58	0.0	337.653	2.858	0.0	135.222	3.696	0.0	1.427	0.0	0.0	1.796	0.0	0.0	1.868	0.0	0.0	2.154	0.0
8	15005	15006	SN	1	0.0	23.301	5.809	0.0	25.54	6.876	0.0	117.376	1.802	0.0	52.001	2.908	0.0	1.414	0.0	0.0	1.757	0.0	0.0	1.849	0.0	0.0	2.11	0.0
9	15005	15006	SN	1	0.0	29.384	12.904	0.0	27.327	13.558	0.0	127.567	9.49	0.0	19.633	11.631	0.0	1.423	0.0	0.0	1.757	0.0	0.0	1.819	0.0	0.0	2.108	0.0
10	15005	15006	SN	1	0.0	23.301	5.821	0.0	25.54	6.85	0.0	117.376	1.806	0.0	13.583	2.803	0.0	1.414	0.0	0.0	1.757	0.0	0.0	1.849	0.0	0.0	2.11	0.0
11	15005	15006	SN	1	0.0	23.301	5.809	0.0	25.54	6.876	0.0	117.376	1.802	0.0	52.001	2.909	0.0	1.414	0.0	0.0	1.757	0.0	0.0	1.849	0.0	0.0	2.11	0.0
12	15005	15006	SN	1	0.0	29.384	12.896	0.0	27.332	13.742	0.0	127.567	9.439	0.0	56.424	11.896	0.0	1.423	0.0	0.0	1.757	0.0	0.0	1.819	0.0	0.0	2.108	0.0
13	15005	15006	SN	1	0.0	29.384	12.896	0.0	27.332	13.742	0.0	127.567	9.439	0.0	56.424	11.896	0.0	1.423	0.0	0.0	1.757	0.0	0.0	1.819	0.0	0.0	2.108	0.0
14	15005	15006	NS	1	0.0	24.2	6.485	0.0	24.707	7.58	0.0	337.653	2.858	0.0	135.222	3.696	0.0	1.427	0.0	0.0	1.796	0.0	0.0	1.868	0.0	0.0	2.154	0.0
15	15005	15006	NS	1	0.0	149.685	10.409	0.0	29.831	14.523	0.0	178.253	11.085	0.0	79.929	13.453	0.0	1.408	0.0	0.0	1.796	0.0	0.0	1.856	0.0	0.0	2.154	0.0
16	15005	15006	NS	1	0.0	149.685	10.409	0.0	29.831	14.523	0.0	178.253	11.085	0.0	79.929	13.453	0.0	1.408	0.0	0.0	1.796	0.0	0.0	1.856	0.0	0.0	2.154	0.0
17	15006	15007	NS	1	0.0	24.211	6.452	0.0	24.696	7.608	0.0	356.807	2.76	0.0	138.388	3.659	0.0	1.424	0.0	0.0	1.795	0.0	0.0	1.865	0.0	0.0	2.153	0.0
18	15006	15007	NS	1	0.0	24.211	6.443	0.0	24.696	7.597	0.0	356.812	2.756	0.0	125.858	3.668	0.0	1.424	0.0	0.0	1.795	0.0	0.0	1.865	0.0	0.0	2.154	0.0
19	15006	15007	SN	1	0.0	140.798	5.905	0.0	25.54	6.835	0.0	168.213	1.942	0.0	14.058	2.861	0.0	1.413	0.0	0.0	1.757	0.0	0.0	1.849	0.0	0.0	2.112	0.0
20	15006	15007	SN	1	0.0	155.33	13.028	0.0	27.332	13.629	0.0	169.31	9.609	0.0	20.058	11.706	0.0	1.423	0.0	0.0	1.759	0.0	0.0	1.851	0.0	0.0	2.112	0.0
21	15006	15007	SN	1	0.0	155.33	13.028	0.0	27.332	13.629	0.0	169.31	9.609	0.0	20.058	11.706	0.0	1.423	0.0	0.0	1.759	0.0	0.0	1.851	0.0	0.0	2.112	0.0
22	15006	15007	SN	1	0.0	140.798	5.903	0.0	25.54	6.835	0.0	168.213	1.942	0.0	14.058	2.861	0.0	1.413	0.0	0.0	1.757	0.0	0.0	1.849	0.0	0.0	2.112	0.0
23	15006	15007	NS	1	0.0	25.97	10.346	0.0	29.98	14.516	0.0	356.812	11.024	0.0	75.225	13.402	0.0	1.401	0.0	0.0	1.795	0.0	0.0	1.847	0.0	0.0	2.152	0.0
24	15006	15007	SN	1	0.0	140.798	5.89	0.0	25.54	6.862	0.0	168.213	1.932	0.0	51.146	2.972	0.0	1.413	0.0	0.0	1.757	0.0	0.0	1.849	0.0	0.0	2.112	0.0
25	15006	15007	NS	1	0.0	26.566	10.356	0.0	29.98	14.516	0.0	356.807	11.017	0.0	75.158	13.409	0.0	1.397	0.0	0.0	1.795	0.0	0.0	1.847	0.0	0.0	2.152	0.0
26	15006	15007	SN	1	0.0	155.33	13.008	0.0	27.332	13.734	0.0	169.31	9.556	0.0	62.375	11.914	0.0	1.423	0.0	0.0	1.759	0.0	0.0	1.851	0.0	0.0	2.112	0.0
27	15007	15008	SN	1	0.0	23.312	5.835	0.0	25.518	6.831	0.0	153.207	1.847	0.0	222.304	2.853	0.0	1.415	0.0	0.0	1.758	0.0	0.0	1.849	0.0	0.0	2.112	0.0
28	15007	15008	SN	1	0.0	23.312	5.816	0.0	25.518	6.866	0.0	153.207	1.84	0.0	222.304	2.995	0.0	1.415	0.0	0.0	1.758	0.0	0.0	1.849	0.0	0.0	2.112	0.0
29	15007	15008	SN	1	0.0	29.5	12.959	0.0	78.785	13.724	0.0	169.73	9.442	0.0	273.106	11.985	0.0	1.419	0.0	0.0	1.759	0.0	0.0	1.832	0.0	0.0	2.112	0.0
30	15007	15008	SN	1	0.0	29.5	12.959	0.0	78.785	13.724	0.0	169.73	9.442	0.0	273.106	11.985	0.0	1.419	0.0	0.0	1.759	0.0	0.0	1.832	0.0	0.0	2.112	0.0
31	15007	15008	NS	1	0.0	26.312	10.325	0.0	29.957	14.506	0.0	140.577	11.038	0.0	77.557	13.38	0.0	1.393	0.0	0.0	1.796	0.0	0.0	1.847	0.0	0.0	2.154	0.0

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

Normal
Alarming
Deviations
High Errors

32	15007	15008	SN	1	0.0	29.5	12.985	0.0	78.785	13.496	0.0	169.73	9.524	0.0	273.106	11.587	0.0	1.419	0.0	0.0	1.759	0.0	0.0	1.832	0.0	0.0	2.112	0.0
33	15007	15008	SN	1	0.0	23.312	5.816	0.0	25.518	6.866	0.0	153.207	1.838	0.0	222.304	2.997	0.0	1.415	0.0	0.0	1.758	0.0	0.0	1.849	0.0	0.0	2.112	0.0
34	15007	15008	NS	1	0.0	24.189	6.471	0.0	24.696	7.624	0.0	351.435	2.747	0.0	130.849	3.616	0.0	1.425	0.0	0.0	1.795	0.0	0.0	1.865	0.0	0.0	2.153	0.0
35	15008	15009	SN	1	0.0	23.306	5.836	0.0	25.507	6.869	0.0	168.29	1.811	0.0	63.191	3.0	0.0	1.413	0.0	0.0	1.758	0.0	0.0	1.847	0.0	0.0	2.112	0.0
36	15008	15009	SN	1	0.0	28.915	13.003	0.0	27.338	13.352	0.0	122.251	9.569	0.0	15.552	11.489	0.0	1.404	0.0	0.0	1.759	0.0	0.0	1.834	0.0	0.0	2.11	0.0
37	15008	15009	SN	1	0.0	28.915	12.961	0.0	27.338	13.748	0.0	122.251	9.46	0.0	130.449	12.11	0.0	1.404	0.0	0.0	1.759	0.0	0.0	1.834	0.0	0.0	2.11	0.0
38	15008	15009	NS	1	0.0	80.792	6.471	0.0	24.696	7.63	0.0	319.068	2.76	0.0	90.656	3.62	0.0	1.425	0.0	0.0	1.795	0.0	0.0	1.864	0.0	0.0	2.153	0.0
39	15008	15009	NS	1	0.0	43.726	10.251	0.0	29.924	14.52	0.0	323.838	10.975	0.0	76.863	13.348	0.0	1.412	0.0	0.0	1.797	0.0	0.0	1.861	0.0	0.0	2.153	0.0
40	15008	15009	NS	1	0.0	43.726	10.262	0.0	29.93	14.531	0.0	323.816	10.961	0.0	76.846	13.327	0.0	1.412	0.0	0.0	1.797	0.0	0.0	1.861	0.0	0.0	2.153	0.0
41	15008	15009	NS	1	0.0	24.227	6.46	0.0	24.696	7.621	0.0	319.035	2.767	0.0	90.645	3.62	0.0	1.425	0.0	0.0	1.795	0.0	0.0	1.864	0.0	0.0	2.154	0.0
42	15008	15009	SN	1	0.0	23.306	5.863	0.0	25.507	6.826	0.0	168.29	1.824	0.0	12.894	2.848	0.0	1.413	0.0	0.0	1.758	0.0	0.0	1.847	0.0	0.0	2.112	0.0
43	15009	15010	NS	1	0.0	24.216	6.471	0.0	24.702	7.628	0.0	326.381	2.753	0.0	76.261	3.629	0.0	1.422	0.0	0.0	1.795	0.0	0.0	1.864	0.0	0.0	2.153	0.0
44	15009	15010	SN	1	0.0	23.306	5.818	0.0	25.512	6.885	0.0	124.606	1.809	0.0	72.804	3.018	0.0	1.413	0.0	0.0	1.757	0.0	0.0	1.846	0.0	0.0	2.112	0.0
45	15009	15010	SN	1	0.0	23.306	5.818	0.0	25.512	6.885	0.0	124.606	1.809	0.0	72.804	3.018	0.0	1.413	0.0	0.0	1.757	0.0	0.0	1.846	0.0	0.0	2.112	0.0
46	15009	15010	NS	1	0.0	24.211	6.444	0.0	24.702	7.625	0.0	310.983	2.751	0.0	135.117	3.633	0.0	1.422	0.0	0.0	1.795	0.0	0.0	1.864	0.0	0.0	2.153	0.0
47	15009	15010	SN	1	0.0	28.921	12.965	0.0	27.338	13.752	0.0	118.843	9.475	0.0	42.515	12.134	0.0	1.418	0.0	0.0	1.759	0.0	0.0	1.833	0.0	0.0	2.11	0.0
48	15009	15010	SN	1	0.0	28.921	12.977	0.0	27.332	13.726	0.0	118.843	9.501	0.0	31.513	12.08	0.0	1.418	0.0	0.0	1.759	0.0	0.0	1.833	0.0	0.0	2.11	0.0
49	15009	15010	NS	1	0.0	25.97	10.321	0.0	33.906	14.52	0.0	335.221	11.004	0.0	85.791	13.355	0.0	1.405	0.0	0.0	1.797	0.0	0.0	1.843	0.0	0.0	2.153	0.0
50	15009	15010	SN	1	0.0	28.921	12.965	0.0	27.338	13.752	0.0	118.843	9.475	0.0	42.515	12.134	0.0	1.418	0.0	0.0	1.759	0.0	0.0	1.833	0.0	0.0	2.11	0.0
51	15009	15010	NS	1	0.0	25.976	10.389	0.0	29.88	14.505	0.0	333.875	10.985	0.0	83.293	13.389	0.0	1.406	0.0	0.0	1.797	0.0	0.0	1.862	0.0	0.0	2.154	0.0
52	15009	15010	SN	1	0.0	23.306	5.825	0.0	25.512	6.884	0.0	124.606	1.813	0.0	21.497	2.987	0.0	1.413	0.0	0.0	1.757	0.0	0.0	1.846	0.0	0.0	2.112	0.0
53	15010	15011	SN	1	0.0	29.395	12.884	0.0	75.332	13.896	0.0	116.708	9.46	0.0	242.95	12.045	0.0	1.422	0.0	0.0	1.757	0.0	0.0	1.797	0.0	0.0	2.11	0.0
54	15010	15011	NS	1	0.0	24.2	6.486	0.0	24.696	7.605	0.0	356.575	2.778	0.0	152.385	3.647	0.0	1.426	0.0	0.0	1.795	0.0	0.0	1.864	0.0	0.0	2.153	0.0
55	15010	15011	SN	1	0.0	23.306	5.849	0.0	135.217	6.874	0.0	141.223	1.807	0.0	127.97	2.989	0.0	1.414	0.0	0.0	1.757	0.0	0.0	1.845	0.0	0.0	2.109	0.0
56	15010	15011	SN	1	0.0	23.306	5.849	0.0	135.217	6.874	0.0	141.223	1.807	0.0	127.97	2.989	0.0	1.414	0.0	0.0	1.757	0.0	0.0	1.845	0.0	0.0	2.109	0.0
57	15010	15011	NS	1	0.0	91.039	10.389	0.0	29.836	14.535	0.0	357.86	11.071	0.0	71.8	13.439	0.0	1.406	0.0	0.0	1.797	0.0	0.0	1.854	0.0	0.0	2.155	0.0
58	15010	15011	NS	1	0.0	25.987	10.389	0.0	29.842	14.535	0.0	357.86	11.05	0.0	71.75	13.446	0.0	1.405	0.0	0.0	1.796	0.0	0.0	1.854	0.0	0.0	2.155	0.0
59	15010	15011	SN	1	0.0	23.306	5.877	0.0	135.217	6.824	0.0	141.223	1.82	0.0	127.97	2.836	0.0	1.414	0.0	0.0	1.757	0.0	0.0	1.845	0.0	0.0	2.109	0.0
60	15010	15011	NS	1	0.0	90.449	6.481	0.0	24.707	7.603	0.0	356.586	2.775	0.0	152.578	3.654	0.0	1.427	0.0	0.0	1.795	0.0	0.0	1.864	0.0	0.0	2.154	0.0
61	15010	15011	SN	1	0.0	29.395	12.926	0.0	75.332	13.5	0.0	116.708	9.571	0.0	242.95	11.471	0.0	1.422	0.0	0.0	1.757	0.0	0.0	1.797	0.0	0.0	2.11	0.0
62	15010	15011	SN	1	0.0	29.395	12.884	0.0	75.332	13.896	0.0	116.708	9.46	0.0	242.95	12.045	0.0	1.422	0.0	0.0	1.757	0.0	0.0	1.797	0.0	0.0	2.11	0.0
63	15011	15012	NS	1	0.0	191.826	10.356	0.0	29.952	14.493	0.0	356.608	11.131	0.0	70.796	13.423	0.0	1.398	0.0	0.0	1.796	0.0	0.0	1.861	0.0	0.0	2.154	0.0
64	15011	15012	SN	1	0.0	23.312	5.784	0.0	25.523	6.914	0.0	130.601	1.794	0.0	65.094	2.917	0.0	1.414	0.0	0.0	1.757	0.0	0.0	1.847	0.0	0.0	2.11	0.0
65	15011	15012	SN	1	0.0	23.312	5.784	0.0	25.523	6.914	0.0	130.601	1.794	0.0	65.094	2.917	0.0	1.414	0.0	0.0	1.757	0.0	0.0	1.847	0.0	0.0	2.11	0.0
66	15011	15012	SN	1	0.0	23.312	5.865	0.0	25.523	6.861	0.0	130.601	1.824	0.0	11.813	2.709	0.0	1.414	0.0	0.0	1.757	0.0	0.0	1.847	0.0	0.0	2.11	0.0
67	15011	15012	SN	1	0.0	29.704	12.951	0.0	27.338	13.694	0.0	132.917	9.449	0.0	37.971	12.05	0.0	1.426	0.0	0.0	1.758	0.0	0.0	1.85	0.0	0.0	2.11	0.0
68	15011	15012	NS	1	0.0	197.79	6.481	0.0	24.707	7.583	0.0	356.608	2.846	0.0	120.271	3.696	0.0	1.425	0.0	0.0	1.796	0.0	0.0	1.865	0.0	0.0	2.155	0.0

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

Normal
Deviations
Alarming
High Errors

69	15011	15012	SN	1	0.0	29.704	13.015	0.0	27.178	13.269	0.0	132.917	9.671	0.0	14.416	11.161	0.0	1.426	0.0	0.0	1.758	0.0	0.0	1.85	0.0	0.0	2.11	0.0
70	15011	15012	SN	1	0.0	29.704	12.951	0.0	27.338	13.694	0.0	132.917	9.449	0.0	37.971	12.05	0.0	1.426	0.0	0.0	1.758	0.0	0.0	1.85	0.0	0.0	2.11	0.0
71	15012	15013	SN	1	0.0	29.318	12.892	0.0	81.04	13.857	0.0	129.073	9.371	0.0	268.037	12.171	0.0	1.424	0.0	0.0	1.758	0.0	0.0	1.842	0.0	0.0	2.11	0.0
72	15012	15013	SN	1	0.0	23.301	5.795	0.0	60.541	6.921	0.0	109.754	1.775	0.0	248.542	2.892	0.0	1.413	0.0	0.0	1.756	0.0	0.0	1.851	0.0	0.0	2.11	0.0
73	15012	15013	NS	1	0.0	79.871	6.482	0.0	24.702	7.558	0.0	141.468	2.824	0.0	77.028	3.721	0.0	1.421	0.0	0.0	1.796	0.0	0.0	1.865	0.0	0.0	2.154	0.0
74	15012	15013	NS	1	0.0	60.155	10.376	0.0	29.963	14.52	0.0	354.446	11.025	0.0	75.076	13.448	0.0	1.409	0.0	0.0	1.798	0.0	0.0	1.845	0.0	0.0	2.152	0.0
75	15012	15013	NS	1	0.0	60.155	10.325	0.0	29.963	14.483	0.0	356.851	11.053	0.0	76.67	13.458	0.0	1.398	0.0	0.0	1.796	0.0	0.0	1.861	0.0	0.0	2.155	0.0
76	15012	15013	NS	1	0.0	193.72	6.476	0.0	24.702	7.57	0.0	351.143	2.827	0.0	131.378	3.71	0.0	1.421	0.0	0.0	1.796	0.0	0.0	1.865	0.0	0.0	2.155	0.0
77	15013	15014	NS	1	0.0	206.529	10.346	0.0	29.946	14.551	0.0	149.586	11.054	0.0	67.079	13.399	0.0	1.4	0.0	0.0	1.797	0.0	0.0	1.844	0.0	0.0	2.153	0.0
78	15013	15014	NS	1	0.0	156.681	6.491	0.0	24.707	7.601	0.0	144.943	2.792	0.0	125.604	3.698	0.0	1.429	0.0	0.0	1.795	0.0	0.0	1.864	0.0	0.0	2.154	0.0
79	15013	15014	SN	1	0.0	23.284	5.786	0.0	25.534	6.893	0.0	133.082	1.792	0.0	112.829	2.89	0.0	1.413	0.0	0.0	1.756	0.0	0.0	1.849	0.0	0.0	2.111	0.0
80	15013	15014	SN	1	0.0	28.904	12.935	0.0	27.222	13.845	0.0	131.886	9.496	0.0	77.977	12.052	0.0	1.424	0.0	0.0	1.758	0.0	0.0	1.832	0.0	0.0	2.108	0.0
81	15014	15015	NS	1	0.0	269.449	6.478	0.0	24.707	7.601	0.0	131.685	2.808	0.0	125.13	3.702	0.0	1.433	0.0	0.0	1.796	0.0	0.0	1.865	0.0	0.0	2.154	0.0
82	15014	15015	SN	1	0.0	28.97	12.916	0.0	27.332	13.829	0.0	112.66	9.446	0.0	74.351	12.14	0.0	1.422	0.0	0.0	1.759	0.0	0.0	1.832	0.0	0.0	2.108	0.0
83	15014	15015	NS	1	0.0	269.449	10.386	0.0	29.935	14.571	0.0	164.278	11.004	0.0	75.412	13.37	0.0	1.408	0.0	0.0	1.798	0.0	0.0	1.843	0.0	0.0	2.155	0.0
84	15014	15015	SN	1	0.0	23.301	5.798	0.0	25.534	6.905	0.0	139.965	1.785	0.0	235.471	2.936	0.0	1.412	0.0	0.0	1.758	0.0	0.0	1.848	0.0	0.0	2.109	0.0
85	15015	15016	SN	1	0.0	28.915	12.924	0.0	87.212	13.803	0.0	118.06	9.453	0.0	38.952	12.119	0.0	1.424	0.0	0.0	1.758	0.0	0.0	1.828	0.0	0.0	2.11	0.0
86	15015	15016	SN	1	0.0	23.312	5.82	0.0	267.094	6.912	0.0	123.768	1.788	0.0	72.594	2.929	0.0	1.413	0.0	0.0	1.756	0.0	0.0	1.846	0.0	0.0	2.109	0.0
87	15015	15016	NS	1	0.0	151.869	10.404	0.0	28.75	14.303	0.0	167.504	11.348	0.0	16.413	13.156	0.0	1.405	0.0	0.0	1.798	0.0	0.0	1.865	0.0	0.0	2.155	0.0
88	15015	15016	NS	1	0.0	24.216	6.565	0.0	24.702	7.584	0.0	352.533	2.887	0.0	13.021	3.65	0.0	1.424	0.0	0.0	1.796	0.0	0.0	1.866	0.0	0.0	2.154	0.0
89	15015	15016	NS	1	0.0	43.389	10.43	0.0	29.891	14.516	0.0	167.504	11.149	0.0	77.888	13.46	0.0	1.404	0.0	0.0	1.798	0.0	0.0	1.865	0.0	0.0	2.154	0.0
90	15015	15016	NS	1	0.0	151.869	10.399	0.0	29.891	14.516	0.0	167.504	11.149	0.0	77.91	13.425	0.0	1.405	0.0	0.0	1.798	0.0	0.0	1.865	0.0	0.0	2.155	0.0
91	15015	15016	SN	1	0.0	23.312	5.82	0.0	267.094	6.912	0.0	123.768	1.788	0.0	72.594	2.929	0.0	1.413	0.0	0.0	1.756	0.0	0.0	1.846	0.0	0.0	2.109	0.0
92	15015	15016	NS	1	0.0	24.216	6.494	0.0	24.702	7.578	0.0	352.533	2.834	0.0	66.665	3.73	0.0	1.424	0.0	0.0	1.796	0.0	0.0	1.866	0.0	0.0	2.154	0.0
93	15015	15016	NS	1	0.0	24.205	6.496	0.0	24.696	7.592	0.0	352.533	2.838	0.0	66.638	3.732	0.0	1.423	0.0	0.0	1.796	0.0	0.0	1.866	0.0	0.0	2.154	0.0
94	15015	15016	SN	1	0.0	28.915	12.924	0.0	87.212	13.803	0.0	118.06	9.453	0.0	38.952	12.119	0.0	1.424	0.0	0.0	1.758	0.0	0.0	1.828	0.0	0.0	2.11	0.0
95	15016	15017	NS	1	0.0	59.273	10.52	0.0	28.75	14.036	0.0	146.123	11.628	0.0	14.284	12.983	0.0	1.407	0.0	0.0	1.798	0.0	0.0	1.863	0.0	0.0	2.155	0.0
96	15016	15017	SN	1	0.0	23.295	5.84	0.0	231.627	6.907	0.0	141.548	1.798	0.0	65.932	2.904	0.0	1.412	0.0	0.0	1.756	0.0	0.0	1.828	0.0	0.0	2.109	0.0
97	15016	15017	NS	1	0.0	237.451	10.439	0.0	29.82	14.526	0.0	146.123	11.061	0.0	78.247	13.517	0.0	1.407	0.0	0.0	1.798	0.0	0.0	1.863	0.0	0.0	2.155	0.0
98	15016	15017	NS	1	0.0	237.451	10.439	0.0	29.82	14.526	0.0	146.123	11.061	0.0	78.247	13.517	0.0	1.407	0.0	0.0	1.798	0.0	0.0	1.863	0.0	0.0	2.155	0.0
99	15016	15017	NS	1	0.0	59.129	6.678	0.0	24.702	7.636	0.0	336.037	3.06	0.0	13.021	3.736	0.0	1.426	0.0	0.0	1.796	0.0	0.0	1.869	0.0	0.0	2.155	0.0
100	15016	15017	NS	1	0.0	235.493	6.512	0.0	24.702	7.56	0.0	336.037	2.909	0.0	125.99	3.751	0.0	1.426	0.0	0.0	1.796	0.0	0.0	1.869	0.0	0.0	2.155	0.0
101	15016	15017	NS	1	0.0	235.493	6.512	0.0	24.702	7.558	0.0	336.037	2.911	0.0	125.99	3.751	0.0	1.426	0.0	0.0	1.796	0.0	0.0	1.869	0.0	0.0	2.155	0.0
102	15016	15017	SN	1	0.0	29.411	12.841	0.0	37.466	13.876	0.0	130.242	9.402	0.0	38.186	12.011	0.0	1.423	0.0	0.0	1.757	0.0	0.0	1.828	0.0	0.0	2.109	0.0
103	15017	15018	NS	1	0.0	239.067	6.473	0.0	24.702	7.533	0.0	356.614	2.925	0.0	121.363	3.738	0.0	1.429	0.0	0.0	1.796	0.0	0.0	1.868	0.0	0.0	2.154	0.0
104	15017	15018	SN	1	0.0	29.445	12.851	0.0	27.338	13.753	0.0	133.788	9.381	0.0	56.849	11.925	0.0	1.426	0.0	0.0	1.756	0.0	0.0	1.796	0.0	0.0	2.109	0.0
105	15017	15018	SN	1	0.0	29.445	12.851	0.0	27.338	13.733	0.0	133.794	9.388	0.0	56.843	11.939	0.0	1.426	0.0	0.0	1.755	0.0	0.0	1.798	0.0	0.0	2.109	0.0

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

Normal Deviations
Alarming High Errors

106	15017	15018	NS	1	0.0	271.611	10.739	0.0	28.755	13.872	0.0	356.614	12.22	0.0	14.289	12.78	0.0	1.398	0.0	0.0	1.796	0.0	0.0	1.859	0.0	0.0	2.155	0.0
107	15017	15018	SN	1	0.0	23.301	5.824	0.0	25.529	6.893	0.0	129.735	1.793	0.0	68.733	2.883	0.0	1.414	0.0	0.0	1.756	0.0	0.0	1.846	0.0	0.0	2.109	0.0
108	15017	15018	NS	1	0.0	239.067	6.803	0.0	24.702	7.757	0.0	356.614	3.232	0.0	14.107	3.884	0.0	1.429	0.0	0.0	1.796	0.0	0.0	1.868	0.0	0.0	2.154	0.0
109	15017	15018	NS	1	0.0	271.611	10.498	0.0	29.952	14.513	0.0	356.614	11.093	0.0	66.743	13.486	0.0	1.398	0.0	0.0	1.796	0.0	0.0	1.859	0.0	0.0	2.155	0.0
110	15017	15018	NS	1	0.0	271.611	10.498	0.0	29.952	14.513	0.0	356.614	11.093	0.0	66.743	13.486	0.0	1.398	0.0	0.0	1.796	0.0	0.0	1.859	0.0	0.0	2.155	0.0
111	15017	15018	NS	1	0.0	239.067	6.473	0.0	24.702	7.533	0.0	356.614	2.927	0.0	121.363	3.738	0.0	1.429	0.0	0.0	1.796	0.0	0.0	1.868	0.0	0.0	2.154	0.0
112	15017	15018	SN	1	0.0	23.301	5.824	0.0	25.529	6.893	0.0	129.729	1.795	0.0	68.733	2.884	0.0	1.414	0.0	0.0	1.756	0.0	0.0	1.846	0.0	0.0	2.109	0.0
113	15018	15019	NS	1	0.0	79.59	7.034	0.0	24.696	7.871	0.0	351.182	3.472	0.0	14.107	4.153	0.0	1.428	0.0	0.0	1.796	0.0	0.0	1.865	0.0	0.0	2.155	0.0
114	15018	15019	SN	1	0.0	23.306	5.786	0.0	25.568	6.889	0.0	124.937	1.787	0.0	50.97	2.832	0.0	1.412	0.0	0.0	1.756	0.0	0.0	1.817	0.0	0.0	2.11	0.0
115	15018	15019	SN	1	0.0	23.306	5.888	0.0	25.568	6.831	0.0	124.937	1.831	0.0	11.802	2.607	0.0	1.412	0.0	0.0	1.756	0.0	0.0	1.817	0.0	0.0	2.11	0.0
116	15018	15019	SN	1	0.0	23.306	5.786	0.0	25.568	6.889	0.0	124.937	1.791	0.0	50.97	2.834	0.0	1.412	0.0	0.0	1.756	0.0	0.0	1.817	0.0	0.0	2.11	0.0
117	15018	15019	NS	1	0.0	210.185	10.5	0.645	29.98	14.503	0.0	356.845	11.095	0.0	78.026	13.55	0.0	1.408	0.0	0.001	1.796	0.0	0.0	1.855	0.0	0.0	2.157	0.0
118	15018	15019	NS	1	0.0	210.185	10.5	0.645	29.98	14.493	0.0	356.845	11.095	0.0	78.026	13.55	0.0	1.408	0.0	0.001	1.796	0.0	0.0	1.855	0.0	0.0	2.157	0.0
119	15018	15019	SN	1	0.0	29.886	12.903	0.0	27.332	13.848	0.0	127.595	9.401	0.0	62.959	11.9	0.0	1.423	0.0	0.0	1.758	0.0	0.0	1.827	0.0	0.0	2.109	0.0
120	15018	15019	NS	1	0.0	210.185	10.826	0.645	28.755	13.816	0.0	356.845	12.93	0.0	14.278	12.974	0.0	1.408	0.0	0.001	1.796	0.0	0.0	1.855	0.0	0.0	2.157	0.0
121	15018	15019	SN	1	0.0	29.886	12.903	0.0	27.332	13.848	0.0	127.595	9.394	0.0	62.959	11.9	0.0	1.423	0.0	0.0	1.758	0.0	0.0	1.827	0.0	0.0	2.109	0.0
122	15018	15019	NS	1	0.0	79.59	6.492	0.0	24.696	7.531	0.0	351.182	2.958	0.0	133.215	3.747	0.0	1.428	0.0	0.0	1.796	0.0	0.0	1.865	0.0	0.0	2.155	0.0
123	15018	15019	NS	1	0.0	79.59	6.492	0.0	24.696	7.531	0.0	351.182	2.958	0.0	133.215	3.747	0.0	1.428	0.0	0.0	1.796	0.0	0.0	1.865	0.0	0.0	2.155	0.0
124	15018	15019	SN	1	0.0	29.886	12.993	0.0	26.742	13.244	0.0	127.595	9.643	0.0	14.306	10.892	0.0	1.423	0.0	0.0	1.758	0.0	0.0	1.827	0.0	0.0	2.109	0.0
125	15019	15020	NS	1	0.0	96.957	6.511	0.0	24.707	7.535	0.0	261.422	2.91	0.0	117.332	3.746	0.0	1.432	0.0	0.0	1.797	0.0	0.0	1.868	0.0	0.0	2.155	0.0
126	15019	15020	NS	1	0.0	254.129	10.492	0.0	29.941	14.541	0.0	248.219	11.138	0.0	74.833	13.477	0.0	1.406	0.0	0.0	1.798	0.0	0.0	1.846	0.0	0.0	2.153	0.0
127	15019	15020	SN	1	0.0	28.871	12.96	0.0	125.282	13.505	0.0	114.227	9.499	0.0	17.096	11.485	0.0	1.422	0.0	0.0	1.759	0.0	0.0	1.832	0.0	0.0	2.107	0.0
128	15019	15020	SN	1	0.0	23.29	5.775	0.0	237.484	6.898	0.0	138.515	1.79	0.0	62.016	2.863	0.0	1.412	0.0	0.0	1.757	0.0	0.0	1.85	0.0	0.0	2.109	0.0
129	15019	15020	SN	1	0.0	28.871	12.936	0.0	125.282	13.8	0.0	114.227	9.411	0.0	39.989	11.927	0.0	1.422	0.0	0.0	1.759	0.0	0.0	1.832	0.0	0.0	2.107	0.0
130	15019	15020	SN	1	0.0	23.29	5.799	0.0	237.484	6.857	0.0	138.515	1.8	0.0	12.64	2.707	0.0	1.412	0.0	0.0	1.757	0.0	0.0	1.85	0.0	0.0	2.109	0.0
131	15020	15021	NS	1	0.0	206.484	10.409	0.0	29.957	14.536	0.0	146.658	11.028	0.0	77.122	13.433	0.0	1.409	0.0	0.0	1.798	0.0	0.0	1.859	0.0	0.0	2.154	0.0
132	15020	15021	SN	1	0.0	37.033	5.838	0.0	25.545	6.833	0.0	128.317	1.835	0.0	14.626	2.837	0.0	1.412	0.0	0.0	1.757	0.0	0.0	1.838	0.0	0.0	2.11	0.0
133	15020	15021	SN	1	0.0	37.033	12.963	0.0	37.433	13.634	0.0	132.415	9.485	0.0	196.8	11.733	0.0	1.422	0.0	0.0	1.759	0.0	0.0	1.832	0.0	0.0	2.112	0.0
134	15020	15021	NS	1	0.0	206.534	10.451	0.0	29.957	14.531	0.0	145.665	10.982	0.0	77.122	13.413	0.0	1.392	0.0	0.0	1.798	0.0	0.0	1.857	0.0	0.0	2.153	0.0
135	15020	15021	NS	1	0.0	258.452	6.494	0.0	24.707	7.567	0.0	350.818	2.865	0.0	65.97	3.721	0.0	1.421	0.0	0.0	1.796	0.0	0.0	1.872	0.0	0.0	2.154	0.0
136	15020	15021	NS	1	0.0	219.097	6.496	0.0	24.702	7.549	0.0	198.824	2.875	0.0	121.749	3.72	0.0	1.429	0.0	0.0	1.797	0.0	0.0	1.872	0.0	0.0	2.154	0.0
137	15020	15021	SN	1	0.0	37.033	5.842	0.0	25.545	6.833	0.0	128.246	1.823	0.0	104.722	2.841	0.0	1.413	0.0	0.0	1.757	0.0	0.0	1.849	0.0	0.0	2.109	0.0
138	15020	15021	SN	1	0.0	37.033	12.981	0.0	37.433	13.634	0.0	132.454	9.488	0.0	21.078	11.748	0.0	1.422	0.0	0.0	1.759	0.0	0.0	1.832	0.0	0.0	2.111	0.0
139	15021	15022	NS	1	0.0	157.351	6.481	0.0	24.696	7.583	0.0	289.193	2.81	0.0	68.143	3.688	0.0	1.427	0.0	0.0	1.797	0.0	0.0	1.868	0.0	0.0	2.154	0.0
140	15021	15022	SN	1	0.0	23.295	5.806	0.0	25.54	6.878	0.0	146.429	1.823	0.0	108.665	2.956	0.0	1.412	0.0	0.0	1.757	0.0	0.0	1.829	0.0	0.0	2.11	0.0
141	15021	15022	NS	1	0.0	25.948	10.379	0.0	29.941	14.526	0.0	140.244	11.0	0.0	76.67	13.368	0.0	1.41	0.0	0.0	1.797	0.0	0.0	1.861	0.0	0.0	2.154	0.0
142	15021	15022	SN	1	0.0	29.389	12.862	0.0	27.321	13.845	0.0	150.014	9.487	0.0	38.776	11.932	0.0	1.423	0.0	0.0	1.758	0.0	0.0	1.8	0.0	0.0	2.11	0.0

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

Normal
Deviations
Alarming
High Errors

143	15022	15023	NS	1	0.0	236.503	6.503	0.0	24.702	7.576	0.0	356.663	2.812	0.0	67.393	3.655	0.0	1.425	0.0	0.0	1.797	0.0	0.0	1.869	0.0	0.0	2.155	0.0
144	15022	15023	SN	1	0.0	29.456	12.881	0.0	82.926	13.886	0.0	130.242	9.422	0.0	39.347	11.968	0.0	1.42	0.0	0.0	1.758	0.0	0.0	1.799	0.0	0.0	2.11	0.0
145	15022	15023	SN	1	0.0	23.301	5.842	0.0	199.519	6.878	0.0	111.728	1.818	0.0	63.467	2.993	0.0	1.413	0.0	0.0	1.757	0.0	0.0	1.846	0.0	0.0	2.11	0.0
146	15022	15023	NS	1	0.0	236.503	10.477	0.0	29.996	14.473	0.0	356.663	11.08	0.0	69.004	13.402	0.0	1.4	0.0	0.0	1.795	0.0	0.0	1.855	0.0	0.0	2.153	0.0
147	15023	15024	SN	1	0.0	29.362	12.888	0.662	27.338	13.697	0.0	132.829	9.505	0.0	38.324	11.971	0.0	1.425	0.0	0.001	1.758	0.0	0.0	1.825	0.0	0.0	2.11	0.0
148	15023	15024	NS	1	0.0	214.316	10.44	0.0	29.98	14.452	0.0	329.21	11.026	0.0	65.193	13.366	0.0	1.401	0.0	0.0	1.796	0.0	0.0	1.859	0.0	0.0	2.154	0.0
149	15023	15024	NS	1	0.0	79.289	6.477	0.0	24.702	7.603	0.0	312.372	2.823	0.0	130.871	3.652	0.0	1.42	0.0	0.0	1.796	0.0	0.0	1.869	0.0	0.0	2.154	0.0
150	15023	15024	SN	1	0.0	23.295	5.802	0.0	84.46	6.88	0.0	124.087	1.82	0.0	49.773	2.971	0.0	1.413	0.0	0.0	1.757	0.0	0.0	1.846	0.0	0.0	2.112	0.0
151	15024	15025	SN	1	0.0	23.301	5.801	0.0	25.523	6.91	0.0	124.589	1.824	0.0	188.632	3.001	0.0	1.413	0.0	0.0	1.757	0.0	0.0	1.846	0.0	0.0	2.112	0.0
152	15024	15025	NS	1	0.0	206.812	6.492	0.0	24.702	7.56	0.0	341.812	2.83	0.0	152.606	3.691	0.0	1.426	0.0	0.0	1.796	0.0	0.0	1.87	0.0	0.0	2.155	0.0
153	15024	15025	SN	1	0.0	23.295	5.804	0.0	225.588	6.905	0.0	124.617	1.82	0.0	54.273	2.987	0.0	1.413	0.0	0.0	1.757	0.0	0.0	1.846	0.0	0.0	2.111	0.0
154	15024	15025	SN	1	0.0	29.246	12.868	0.662	30.484	13.717	0.0	127.556	9.477	0.0	39.305	12.035	0.0	1.423	0.0	0.001	1.757	0.0	0.0	1.846	0.0	0.0	2.111	0.0
155	15024	15025	NS	1	0.0	92.638	10.405	0.0	29.957	14.532	0.0	358.02	11.027	0.0	88.681	13.406	0.0	1.412	0.0	0.0	1.796	0.0	0.0	1.846	0.0	0.0	2.154	0.0
156	15024	15025	SN	1	0.0	29.241	12.857	0.667	27.338	13.697	0.0	127.496	9.477	0.0	276.508	12.057	0.0	1.424	0.0	0.001	1.757	0.0	0.0	1.832	0.0	0.0	2.111	0.0
157	15024	15025	NS	1	0.0	206.812	6.492	0.0	24.702	7.56	0.0	341.812	2.83	0.0	152.606	3.691	0.0	1.426	0.0	0.0	1.796	0.0	0.0	1.87	0.0	0.0	2.155	0.0
158	15025	15026	SN	1	0.0	29.252	12.935	0.0	27.343	13.78	0.0	113.024	9.431	0.0	172.203	12.197	0.0	1.423	0.0	0.0	1.758	0.0	0.0	1.834	0.0	0.0	2.111	0.0
159	15025	15026	SN	1	0.0	23.295	5.858	0.0	25.534	6.853	0.0	136.64	1.835	0.0	142.224	2.748	0.0	1.412	0.0	0.0	1.757	0.0	0.0	1.847	0.0	0.0	2.108	0.0
160	15025	15026	SN	1	0.0	23.295	5.815	0.0	25.534	6.909	0.0	136.64	1.814	0.0	142.224	2.931	0.0	1.412	0.0	0.0	1.757	0.0	0.0	1.847	0.0	0.0	2.108	0.0
161	15025	15026	SN	1	0.0	23.295	5.815	0.0	25.534	6.909	0.0	136.64	1.814	0.0	142.224	2.931	0.0	1.412	0.0	0.0	1.757	0.0	0.0	1.847	0.0	0.0	2.108	0.0
162	15025	15026	SN	1	0.0	29.252	12.986	0.0	27.316	13.339	0.0	113.024	9.607	0.0	172.203	11.396	0.0	1.423	0.0	0.0	1.758	0.0	0.0	1.834	0.0	0.0	2.111	0.0
163	15025	15026	NS	1	0.0	24.183	6.484	0.0	24.702	7.578	0.0	323.667	2.869	0.0	124.578	3.737	0.0	1.419	0.0	0.0	1.796	0.0	0.0	1.865	0.0	0.0	2.154	0.0
164	15025	15026	NS	1	0.0	25.981	10.441	0.0	29.924	14.531	0.0	354.855	11.031	0.0	75.186	13.47	0.0	1.411	0.0	0.0	1.797	0.0	0.0	1.847	0.0	0.0	2.154	0.0
165	15025	15026	NS	1	0.0	25.981	10.441	0.0	29.924	14.531	0.0	354.838	11.074	0.0	75.109	13.464	0.0	1.397	0.0	0.0	1.797	0.0	0.0	1.847	0.0	0.0	2.153	0.0
166	15025	15026	NS	1	0.0	24.183	6.478	0.0	24.702	7.567	0.0	323.739	2.86	0.0	124.716	3.728	0.0	1.424	0.0	0.0	1.796	0.0	0.0	1.866	0.0	0.0	2.155	0.0
167	15025	15026	SN	1	0.0	29.252	12.935	0.0	27.343	13.78	0.0	113.024	9.431	0.0	172.203	12.197	0.0	1.423	0.0	0.0	1.758	0.0	0.0	1.834	0.0	0.0	2.111	0.0
168	15026	15027	SN	1	0.0	23.295	5.792	0.0	25.534	6.915	0.0	125.086	1.801	0.0	244.058	2.876	0.0	1.413	0.0	0.0	1.756	0.0	0.0	1.836	0.0	0.0	2.108	0.0
169	15026	15027	SN	1	0.0	29.445	13.015	0.0	183.399	13.208	0.0	133.981	9.832	0.0	276.519	10.947	0.0	1.424	0.0	0.0	1.758	0.0	0.0	1.798	0.0	0.0	2.111	0.0
170	15026	15027	SN	1	0.0	29.445	12.88	0.0	183.399	13.871	0.0	133.981	9.429	0.0	276.519	12.119	0.0	1.424	0.0	0.0	1.758	0.0	0.0	1.798	0.0	0.0	2.111	0.0
171	15026	15027	SN	1	0.0	29.445	12.88	0.0	183.399	13.871	0.0	133.981	9.429	0.0	276.519	12.119	0.0	1.424	0.0	0.0	1.758	0.0	0.0	1.798	0.0	0.0	2.111	0.0
172	15026	15027	NS	1	0.0	208.961	10.307	0.0	29.924	14.526	0.0	215.639	10.936	0.0	78.258	13.468	0.0	1.409	0.0	0.0	1.798	0.0	0.0	1.864	0.0	0.0	2.155	0.0
173	15026	15027	NS	1	0.0	242.321	10.39	0.0	29.924	14.51	0.0	246.529	11.046	0.0	78.258	13.519	0.0	1.412	0.0	0.0	1.797	0.0	0.0	1.845	0.0	0.0	2.154	0.0
174	15026	15027	SN	1	0.0	23.295	5.97	0.0	25.534	6.83	0.0	125.086	1.902	0.0	244.058	2.639	0.0	1.413	0.0	0.0	1.756	0.0	0.0	1.836	0.0	0.0	2.108	0.0
175	15026	15027	SN	1	0.0	23.295	5.792	0.0	25.534	6.915	0.0	125.086	1.801	0.0	244.058	2.876	0.0	1.413	0.0	0.0	1.756	0.0	0.0	1.836	0.0	0.0	2.108	0.0
176	15026	15027	NS	1	0.0	258.574	6.5	0.0	24.696	7.523	0.0	300.057	2.923	0.0	67.195	3.739	0.0	1.421	0.0	0.0	1.797	0.0	0.0	1.865	0.0	0.0	2.156	0.0
177	15026	15027	NS	1	0.0	24.205	6.496	0.0	24.702	7.524	0.0	187.38	2.912	0.0	123.128	3.734	0.0	1.425	0.0	0.0	1.797	0.0	0.0	1.865	0.0	0.0	2.155	0.0
178	15027	15028	NS	1	0.0	80.776	6.485	0.0	24.702	7.524	0.0	339.126	2.866	0.0	69.566	3.73	0.0	1.423	0.0	0.0	1.796	0.0	0.0	1.865	0.0	0.0	2.155	0.0
179	15027	15028	NS	1	0.0	193.05	10.368	0.0	29.908	14.557	0.0	141.341	10.956	0.0	77.932	13.44	0.0	1.405	0.0	0.0	1.798	0.0	0.0	1.863	0.0	0.0	2.155	0.0

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

Normal
Deviations
Alarming
High Errors

180	15027	15028	SN	1	0.0	29.4	12.914	0.0	27.332	13.743	0.0	132.101	9.377	0.0	63.778	12.041	0.0	1.423	0.0	0.0	1.756	0.0	0.0	1.834	0.0	0.0	2.108	0.0
181	15027	15028	NS	1	0.0	193.05	10.368	0.0	29.908	14.557	0.0	141.341	10.956	0.0	77.932	13.44	0.0	1.405	0.0	0.0	1.798	0.0	0.0	1.863	0.0	0.0	2.155	0.0
182	15027	15028	SN	1	0.0	23.295	5.807	0.0	25.54	6.902	0.0	124.799	1.788	0.0	65.27	2.851	0.0	1.412	0.0	0.0	1.756	0.0	0.0	1.849	0.0	0.0	2.111	0.0
183	15027	15028	SN	1	0.0	29.4	12.914	0.0	27.332	13.743	0.0	132.101	9.377	0.0	63.778	12.041	0.0	1.423	0.0	0.0	1.756	0.0	0.0	1.834	0.0	0.0	2.108	0.0
184	15027	15028	SN	1	0.0	23.295	5.807	0.0	25.54	6.902	0.0	124.799	1.788	0.0	65.27	2.851	0.0	1.412	0.0	0.0	1.756	0.0	0.0	1.849	0.0	0.0	2.111	0.0
185	15027	15028	NS	1	0.0	80.776	6.485	0.0	24.702	7.524	0.0	339.126	2.866	0.0	69.566	3.73	0.0	1.423	0.0	0.0	1.796	0.0	0.0	1.865	0.0	0.0	2.155	0.0
186	15028	15029	SN	1	0.0	23.301	5.796	0.0	25.551	6.923	0.0	111.381	1.803	0.0	54.604	2.887	0.0	1.413	0.0	0.0	1.756	0.0	0.0	1.85	0.0	0.0	2.111	0.0
187	15028	15029	SN	1	0.0	29.489	12.867	0.667	27.332	13.794	0.0	131.731	9.419	0.0	82.207	12.012	0.0	1.423	0.0	0.001	1.756	0.0	0.0	1.836	0.0	0.0	2.11	0.0
188	15028	15029	NS	1	0.0	193.709	6.5	0.0	24.702	7.581	0.0	358.015	2.877	0.0	118.876	3.726	0.0	1.426	0.0	0.0	1.796	0.0	0.0	1.865	0.0	0.0	2.155	0.0
189	15028	15029	NS	1	0.0	193.709	6.5	0.0	24.702	7.581	0.0	358.015	2.879	0.0	118.876	3.726	0.0	1.426	0.0	0.0	1.796	0.0	0.0	1.865	0.0	0.0	2.155	0.0
190	15028	15029	NS	1	0.0	82.601	10.427	0.0	29.996	14.493	0.0	356.68	11.086	0.0	69.836	13.517	0.0	1.4	0.0	0.0	1.795	0.0	0.0	1.853	0.0	0.0	2.156	0.0
191	15028	15029	NS	1	0.0	82.601	10.427	0.0	29.996	14.493	0.0	356.68	11.086	0.0	69.836	13.517	0.0	1.4	0.0	0.0	1.795	0.0	0.0	1.853	0.0	0.0	2.156	0.0
192	15029	15030	NS	1	0.0	239.597	6.516	0.0	24.696	7.565	0.0	356.685	2.91	0.0	16.418	3.704	0.0	1.43	0.0	0.0	1.798	0.0	0.0	1.868	0.0	0.0	2.155	0.0
193	15029	15030	SN	1	0.0	23.301	5.797	0.0	25.557	6.923	0.0	130.672	1.819	0.0	50.65	2.918	0.0	1.412	0.0	0.0	1.756	0.0	0.0	1.847	0.0	0.0	2.111	0.0
194	15029	15030	NS	1	0.0	90.339	10.461	0.0	29.985	14.523	0.0	356.685	11.061	0.0	75.219	13.487	0.0	1.397	0.0	0.0	1.795	0.0	0.0	1.856	0.0	0.0	2.156	0.0
195	15029	15030	NS	1	0.0	239.597	6.49	0.0	24.696	7.556	0.0	356.685	2.893	0.0	129.134	3.737	0.0	1.43	0.0	0.0	1.798	0.0	0.0	1.868	0.0	0.0	2.155	0.0
196	15029	15030	NS	1	0.0	90.339	10.46	0.0	28.755	14.475	0.0	356.685	11.118	0.0	27.084	13.414	0.0	1.397	0.0	0.0	1.795	0.0	0.0	1.856	0.0	0.0	2.156	0.0
197	15029	15030	SN	1	0.0	29.461	12.878	0.667	27.338	13.697	0.0	132.211	9.462	0.0	38.307	12.0	0.0	1.423	0.0	0.001	1.757	0.0	0.0	1.84	0.0	0.0	2.11	0.0
198	15030	15031	NS	1	0.0	240.702	6.497	0.0	24.702	7.531	0.0	205.961	2.933	0.0	123.481	3.723	0.0	1.43	0.0	0.0	1.797	0.0	0.0	1.866	0.0	0.0	2.155	0.0
199	15030	15031	NS	1	0.0	240.702	6.614	0.0	24.702	7.566	0.0	205.961	3.03	0.0	14.08	3.658	0.0	1.43	0.0	0.0	1.797	0.0	0.0	1.866	0.0	0.0	2.155	0.0
200	15030	15031	NS	1	0.0	259.881	10.467	0.0	29.969	14.552	0.0	356.879	11.091	0.0	66.616	13.521	0.0	1.412	0.0	0.0	1.797	0.0	0.0	1.848	0.0	0.0	2.156	0.0
201	15030	15031	SN	1	0.0	23.301	5.793	0.0	198.786	6.908	0.0	124.656	1.829	0.0	53.154	2.925	0.0	1.413	0.0	0.0	1.757	0.0	0.0	1.847	0.0	0.0	2.111	0.0
202	15030	15031	SN	1	0.0	29.279	12.88	0.662	124.024	13.809	0.0	127.104	9.428	0.0	63.213	12.021	0.0	1.423	0.0	0.001	1.757	0.0	0.0	1.845	0.0	0.0	2.106	0.0
203	15030	15031	NS	1	0.0	259.881	10.508	0.0	28.766	14.193	0.0	356.879	11.459	0.0	14.289	13.099	0.0	1.412	0.0	0.0	1.797	0.0	0.0	1.848	0.0	0.0	2.156	0.0
204	15031	15032	SN	1	0.0	29.329	12.914	0.0	27.338	13.802	0.0	125.985	9.438	0.0	146.878	12.038	0.0	1.421	0.0	0.0	1.758	0.0	0.0	1.831	0.0	0.0	2.11	0.0
205	15031	15032	NS	1	0.0	42.65	10.411	0.0	29.946	14.522	0.0	228.567	11.138	0.0	75.897	13.528	0.0	1.412	0.0	0.0	1.798	0.0	0.0	1.849	0.0	0.0	2.154	0.0
206	15031	15032	SN	1	0.0	23.295	5.795	0.0	25.54	6.913	0.0	136.766	1.818	0.0	62.286	2.895	0.0	1.413	0.0	0.0	1.757	0.0	0.0	1.847	0.0	0.0	2.109	0.0
207	15031	15032	NS	1	0.0	266.907	6.491	0.0	24.702	7.506	0.0	215.375	2.974	0.0	126.034	3.743	0.0	1.418	0.0	0.0	1.797	0.0	0.0	1.866	0.0	0.0	2.156	0.0
208	15031	15032	NS	1	0.0	42.65	10.571	0.0	28.766	13.901	0.0	228.567	12.077	0.0	14.289	12.802	0.0	1.412	0.0	0.0	1.798	0.0	0.0	1.849	0.0	0.0	2.154	0.0
209	15031	15032	NS	1	0.0	266.907	6.763	0.0	24.702	7.674	0.0	215.375	3.229	0.0	14.096	3.823	0.0	1.418	0.0	0.0	1.797	0.0	0.0	1.866	0.0	0.0	2.156	0.0
210	15032	15033	SN	1	0.0	29.389	12.89	0.0	72.282	13.842	0.0	138.272	9.471	0.0	61.738	11.925	0.0	1.424	0.0	0.0	1.758	0.0	0.0	1.814	0.0	0.0	2.11	0.0
211	15032	15033	SN	1	0.0	23.295	5.886	0.0	134.249	6.8	0.0	123.757	1.882	0.0	157.972	2.597	0.0	1.413	0.0	0.0	1.756	0.0	0.0	1.847	0.0	0.0	2.107	0.0
212	15032	15033	SN	1	0.0	29.389	12.987	0.0	72.282	13.233	0.0	138.272	9.77	0.0	61.738	10.8	0.0	1.424	0.0	0.0	1.758	0.0	0.0	1.814	0.0	0.0	2.11	0.0
213	15032	15033	NS	1	0.0	150.959	10.408	0.0	29.935	14.545	0.0	227.949	11.103	0.0	71.612	13.499	0.0	1.406	0.0	0.0	1.8	0.0	0.0	1.846	0.0	0.0	2.157	0.0
214	15032	15033	NS	1	0.0	150.959	10.633	0.0	28.75	13.818	0.0	227.949	12.568	0.0	14.284	12.767	0.0	1.406	0.0	0.0	1.8	0.0	0.0	1.846	0.0	0.0	2.157	0.0
215	15032	15033	NS	1	0.0	166.942	6.911	0.0	24.702	7.802	0.0	301.607	3.41	0.0	14.113	4.041	0.0	1.42	0.0	0.0	1.798	0.0	0.0	1.869	0.0	0.0	2.155	0.0
216	15032	15033	NS	1	0.0	166.942	6.488	0.0	24.702	7.515	0.0	301.607	2.999	0.0	68.143	3.769	0.0	1.42	0.0	0.0	1.798	0.0	0.0	1.869	0.0	0.0	2.155	0.0

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

Normal
Deviations
Alarming
High Errors

217	15033	15034	NS	1	0.0	102.003	10.449	0.0	29.902	14.547	0.0	242.434	11.132	0.0	74.177	13.511	0.0	1.41	0.0	0.0	1.799	0.0	0.0	1.846	0.0	0.0	2.155	0.0

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

Normal
Alarming
Deviations
High Errors