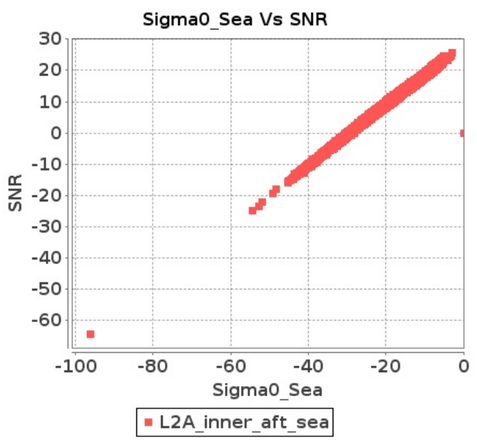
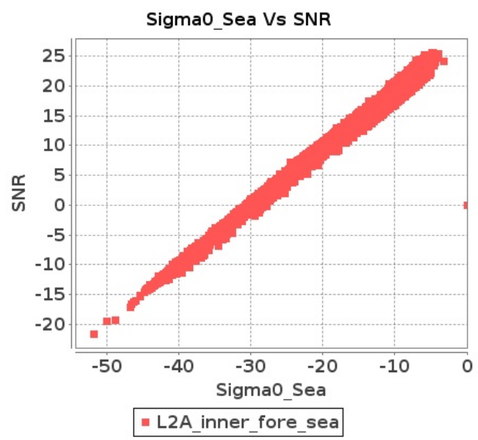
SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 04-OCT-2019 To 05-OCT-2019

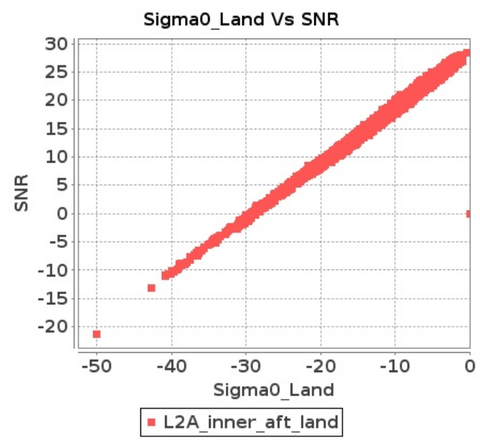
Inner Sea Aft Sigma0VsSNR



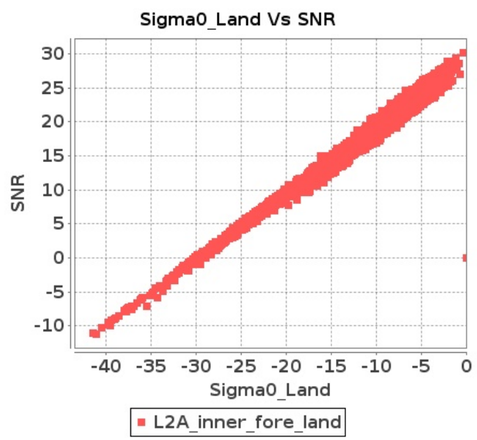
Inner Sea Fore Sigma0VsSNR



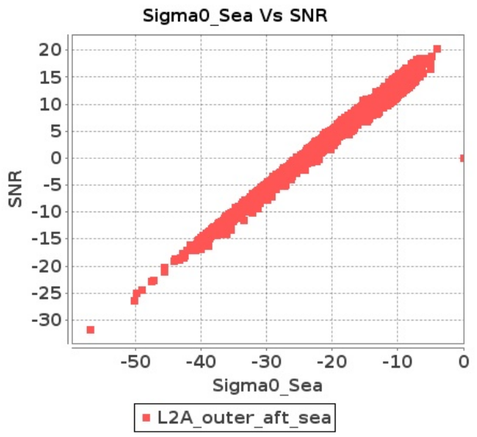
Inner Land Aft Sigma0VsSNR



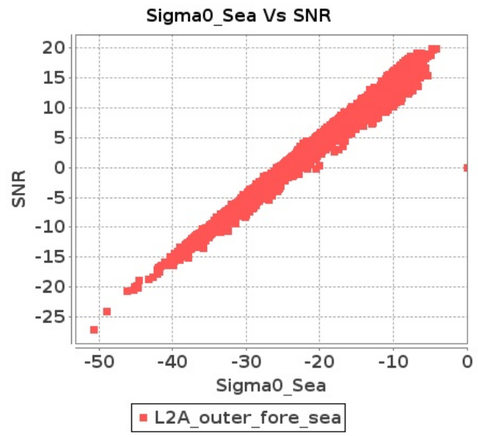
Inner Land Fore Sigma0VsSNR



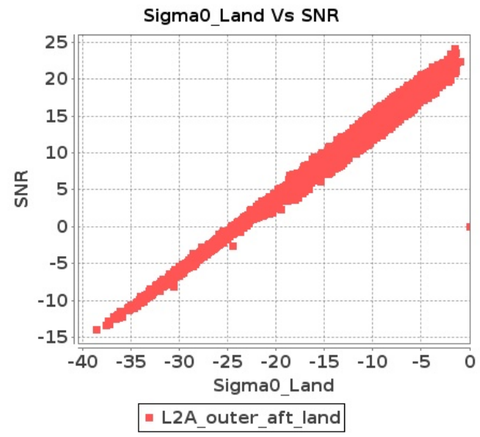
Outer Sea Aft Sigma0VsSNR



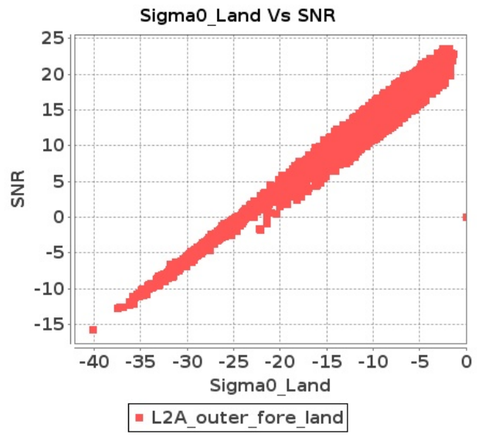
Outer Sea Fore Sigma0VsSNR



Outer Land Aft Sigma0VsSNR



Outer Land Fore Sigma0VsSNR



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

Report between 04-OCT-2019 To 05-OCT-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	15990	15991	SN	1	0.0	47.538	5.378	0.0	48.076	6.357	0.0	39.995	4.327	0.0	47.621	5.565	0.0	48.755	5.318	0.0	50.161	5.992	0.0	39.733	4.32	0.0	46.715	5.437
2	15990	15991	SN	1	0.0	53.978	1.395	0.0	52.794	1.875	0.0	42.14	1.259	0.0	51.798	1.771	0.0	52.857	1.355	0.0	49.593	1.738	0.0	42.523	1.271	0.0	47.453	1.657
3	15990	15991	SN	1	0.0	41.641	1.787	0.0	50.954	4.037	0.0	35.912	2.319	0.0	44.218	3.172	0.0	41.507	1.862	0.0	52.221	3.704	0.0	34.818	2.494	0.0	41.997	2.823
4	15990	15991	SN	1	0.0	37.869	0.588	0.0	45.208	1.169	0.0	37.482	0.885	0.0	51.798	1.079	0.0	38.33	0.596	0.0	45.495	1.115	0.0	36.742	0.896	0.0	47.453	1.001
5	15990	15991	SN	1	0.0	53.978	1.435	0.0	52.794	1.949	0.0	42.14	1.301	0.0	51.798	1.84	0.0	52.857	1.407	0.0	49.593	1.816	0.0	42.523	1.323	0.0	47.453	1.732
6	15990	15991	SN	1	0.0	52.538	5.449	0.0	48.076	6.605	0.0	41.407	4.377	0.0	47.621	5.835	0.0	53.541	5.449	0.0	50.161	6.317	0.0	42.722	4.407	0.0	46.715	5.738
7	15991	15992	NS	1	0.0	54.484	6.501	0.0	52.34	7.817	0.0	44.277	4.45	0.0	49.326	5.968	0.0	55.022	6.613	0.0	53.388	7.796	0.0	44.099	4.791	0.0	50.65	6.139
8	15991	15992	SN	1	0.0	28.845	0.054	0.0	39.136	0.719	0.0	33.007	0.248	0.0	38.803	0.916	0.0	27.977	0.045	0.0	38.664	0.608	0.0	32.993	0.223	0.0	39.432	0.827
9	15991	15992	SN	1	0.192	53.659	3.757	0.0	41.695	4.733	0.0	43.675	3.624	0.0	44.236	4.563	0.29	54.368	3.848	0.0	41.765	4.601	0.0	41.905	3.574	0.0	47.204	4.385
10	15991	15992	NS	1	0.0	44.645	0.866	0.0	50.906	0.676	0.0	37.872	0.602	0.0	44.325	0.742	0.0	45.603	0.871	0.0	47.561	0.603	0.0	39.801	0.549	0.0	39.235	0.532
11	15991	15992	SN	1	0.0	47.583	1.036	0.0	45.986	1.406	0.0	39.534	1.076	0.0	40.01	1.37	0.0	47.482	1.029	0.0	48.589	1.3	0.0	39.211	1.083	0.0	38.838	1.234
12	15991	15992	SN	1	0.0	24.059	0.026	0.0	39.136	0.747	0.0	29.764	0.136	0.0	37.543	0.857	0.0	22.667	0.026	0.0	38.664	0.658	0.0	29.357	0.095	0.0	35.065	0.753
13	15991	15992	NS	1	0.0	52.115	3.168	0.0	44.054	1.76	0.0	40.129	2.481	0.0	41.952	1.873	0.0	52.134	3.316	0.0	43.104	1.571	0.0	39.659	2.292	0.0	41.342	1.537
14	15991	15992	SN	1	0.0	47.603	0.372	0.0	45.572	2.897	0.0	24.58	0.526	0.0	39.433	2.956	0.0	47.385	0.266	0.0	47.42	2.814	0.0	26.432	0.239	0.0	41.228	2.646
15	15991	15992	NS	1	0.0	47.511	1.536	0.0	50.523	2.286	0.0	40.542	1.215	0.0	46.606	1.832	0.0	49.588	1.559	0.0	46.899	2.247	0.0	42.04	1.243	0.0	45.383	1.867
16	15991	15992	SN	1	0.0	30.632	0.554	0.0	41.091	2.769	0.0	35.437	1.062	0.0	46.656	3.191	0.0	30.219	0.443	0.0	42.38	2.643	0.0	37.659	0.941	0.0	41.536	2.868
17	15992	15993	SN	1	0.0	48.157	1.205	0.0	43.234	1.485	0.0	37.693	1.395	0.0	44.314	1.867	0.0	47.252	1.178	0.0	43.445	1.414	0.0	36.253	1.336	0.0	44.819	1.668
18	15992	15993	NS	1	0.0	41.037	4.004	0.0	51.274	5.721	0.0	47.089	3.604	0.0	47.018	4.901	0.0	39.879	3.981	0.0	51.757	5.389	0.0	48.417	3.728	0.0	41.966	4.946
19	15992	15993	NS	1	0.0	45.208	1.338	0.0	52.228	1.95	0.0	41.944	1.202	0.0	42.601	1.829	0.0	44.995	1.334	0.0	54.815	1.873	0.0	39.322	1.22	0.0	45.827	1.753
20	15992	15993	NS	1	0.0	43.497	1.097	0.0	48.531	1.732	0.0	36.922	1.11	0.0	43.146	1.579	0.0	44.283	1.132	0.0	48.695	1.73	0.0	38.091	1.134	0.0	42.974	1.532
21	15992	15993	SN	1	0.0	45.499	4.121	0.0	48.252	4.539	0.0	46.031	4.553	0.0	41.885	5.493	0.0	45.712	4.182	0.0	49.501	4.478	0.0	47.737	4.433	0.0	41.354	5.159
22	15992	15993	NS	1	0.0	48.075	4.723	0.0	45.978	6.365	0.0	42.099	4.056	0.0	42.08	5.85	0.0	47.367	4.662	0.0	44.421	6.141	0.0	41.452	4.063	0.0	42.707	5.536
23	15992	15993	SN	1	0.0	48.157	1.194	0.0	43.234	1.498	0.0	37.693	1.382	0.0	44.314	1.868	0.0	47.252	1.172	0.0	43.445	1.423	0.0	36.253	1.32	0.0	44.819	1.675
24	15992	15993	SN	1	0.0	45.499	4.113	0.0	48.252	4.484	0.0	46.031	4.599	0.0	41.885	5.471	0.0	45.712	4.164	0.0	49.501	4.401	0.0	47.737	4.484	0.0	41.354	5.125
25	15993	15994	NS	1	0.0	40.762	2.497	0.0	43.636	1.908	0.0	38.824	1.758	0.0	40.188	1.698	0.0	40.835	2.507	0.0	42.761	1.797	0.0	39.751	1.802	0.0	36.979	1.601
26	15993	15994	NS	1	0.0	50.763	6.359	0.0	53.573	6.303	0.0	38.517	5.626	0.0	45.239	5.19	0.0	50.163	6.775	0.0	53.29	6.422	0.0	38.612	5.776	0.0	42.662	5.055
27	15994	15995	NS	1	0.0	49.484	0.93	0.0	47.612	1.271	0.0	39.948	0.81	0.0	47.038	0.888	0.0	50.995	0.964	0.0	44.121	1.251	0.0	42.803	0.794	0.0	47.474	0.884
28	15994	15995	NS	1	0.0	48.364	3.153	0.0	48.135	3.893	0.0	46.876	3.188	0.0	42.607	3.325	0.0	49.749	3.311	0.0	50.241	3.761	0.0	45.943	3.153	0.0	43.267	3.211
29	15994	15995	SN	1	0.0	16.25	0.0	0.0	35.592	1.796	0.0	23.137	2.317	0.0	42.143	0.576	0.0	15.248	0.0	0.0	35.64	1.796	0.0	22.72	1.544	0.0	40.837	0.576
30	15994	15995	SN	1	0.0	16.318	0.0	0.0	49.646	0.307	0.0	25.835	0.545	0.0	35.678	0.259	0.0	14.844	0.0	0.0	50.313	0.23	0.0	27.407	0.545	0.0	31.839	0.207
31	15995	15996	SN	1	0.0	38.793	1.713	0.0	41.569	2.214	0.0	40.592	1.646	0.0	40.462	2.308	0.0	39.151	1.74	0.0	44.707	2.099	0.0	39.262	1.577	0.0	36.805	2.17

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal Deviations

Alarming High Errors

32	15995	15996	NS	1	0.0	40.035	0.929	0.0	44.405	1.036	0.0	38.284	0.897	0.0	48.2	1.176	0.0	39.45	0.918	0.0	47.744	0.925	0.0	38.86	0.82	0.0	46.801	0.986
33	15995	15996	SN	1	0.0	45.59	7.123	0.0	48.252	7.758	0.0	40.021	5.518	0.0	41.908	6.994	0.0	43.728	7.049	0.0	46.933	7.493	0.0	40.353	5.399	0.0	43.487	6.688
34	15995	15996	NS	1	0.0	50.604	2.904	0.0	57.089	3.619	0.0	46.444	3.187	0.0	48.503	4.082	0.0	51.736	2.894	0.0	56.586	3.284	0.0	45.388	2.988	0.0	48.31	3.576
35	15995	15996	SN	1	0.0	39.653	1.772	0.0	41.569	2.29	0.0	40.592	1.677	0.0	40.462	2.389	0.0	38.301	1.795	0.0	44.707	2.168	0.0	39.262	1.603	0.0	36.363	2.261
36	15995	15996	SN	1	0.0	45.59	6.865	0.0	48.252	7.637	0.0	40.647	5.355	0.0	41.908	6.767	0.0	43.728	6.845	0.0	46.933	7.393	0.0	40.353	5.263	0.0	43.487	6.447
37	15996	15997	NS	1	0.0	52.692	5.007	0.0	56.77	6.619	0.0	50.588	4.888	0.0	47.601	5.628	0.0	52.388	5.037	0.0	55.198	6.385	0.0	48.849	5.058	0.0	46.249	5.321
38	15996	15997	SN	1	0.0	47.781	1.81	0.0	49.012	2.447	0.0	41.967	1.618	0.0	38.749	2.423	0.0	46.629	1.904	0.0	49.347	2.462	0.0	42.61	1.703	0.0	38.135	2.504
39	15996	15997	SN	1	0.0	46.91	6.146	0.0	54.394	7.596	0.0	42.993	5.05	0.0	41.503	6.888	0.0	47.742	6.126	0.0	55.931	7.495	0.0	44.916	5.192	0.0	39.133	7.031
40	15996	15997	SN	1	0.0	47.781	1.715	0.0	49.012	2.363	0.0	41.967	1.556	0.0	48.294	2.317	0.0	46.629	1.799	0.0	49.347	2.363	0.0	42.61	1.635	0.0	46.427	2.365
41	15996	15997	SN	1	0.0	46.91	6.405	0.0	54.394	7.656	0.0	42.993	5.291	0.0	41.503	7.154	0.0	47.742	6.361	0.0	55.931	7.558	0.0	44.916	5.496	0.0	39.133	7.337
42	15996	15997	NS	1	0.0	45.915	1.354	0.0	52.804	2.094	0.0	52.655	1.431	0.0	42.646	1.849	0.0	48.273	1.37	0.0	54.87	2.011	0.0	49.415	1.367	0.0	44.414	1.721
43	15997	15998	NS	1	0.0	52.049	3.748	0.0	55.161	4.371	0.0	43.543	2.962	0.0	41.535	3.931	0.0	51.881	3.809	0.0	54.418	4.117	0.0	42.882	2.997	0.0	42.896	3.447
44	15997	15998	SN	1	0.0	48.631	2.341	0.0	52.593	2.936	0.0	41.384	1.566	0.0	42.32	2.173	0.0	49.398	2.341	0.0	50.394	2.72	0.0	39.573	1.585	0.0	38.628	2.084
45	15997	15998	SN	1	0.719	51.235	9.042	0.0	54.62	9.94	0.0	51.659	5.964	0.0	47.782	7.407	0.861	52.469	9.083	0.0	52.598	9.859	0.0	50.234	6.014	0.0	49.965	7.094
46	15997	15998	SN	1	0.0	51.235	9.563	0.0	54.62	10.034	0.0	51.659	6.338	0.0	47.782	7.583	0.0	52.469	9.63	0.0	52.598	9.868	0.0	50.234	6.47	0.0	49.965	7.264
47	15997	15998	NS	1	0.0	41.504	0.873	0.0	44.637	1.239	0.0	40.355	0.957	0.0	42.157	1.269	0.0	42.231	0.896	0.0	47.545	1.147	0.0	39.118	0.917	0.0	42.445	1.099
48	15997	15998	SN	1	0.0	42.553	2.491	0.0	52.593	2.971	0.0	41.384	1.698	0.0	42.32	2.224	0.0	42.699	2.496	0.0	50.394	2.758	0.0	39.573	1.721	0.0	38.628	2.135
49	15998	15999	SN	1	0.846	50.554	5.903	0.0	53.715	6.925	0.0	42.62	3.993	0.0	47.838	5.386	0.817	50.779	5.994	0.0	50.834	6.782	0.0	43.461	4.212	0.0	45.047	5.272
50	15998	15999	SN	1	0.0	45.947	1.496	0.0	50.568	2.004	0.0	41.435	1.21	0.0	39.09	1.591	0.0	45.684	1.586	0.0	50.061	1.954	0.0	41.479	1.171	0.0	38.782	1.54
51	15998	15999	SN	1	0.0	45.947	1.478	0.0	49.939	2.001	0.0	41.535	1.208	0.0	39.09	1.59	0.0	45.684	1.568	0.0	49.432	1.947	0.0	41.479	1.166	0.0	38.021	1.543
52	15998	15999	NS	1	0.0	52.494	6.002	0.0	59.272	6.568	0.0	45.774	5.344	0.0	44.267	6.648	0.0	51.674	6.043	0.0	58.326	6.253	0.0	47.925	5.273	0.0	43.005	6.37
53	15998	15999	NS	1	0.0	52.841	5.872	0.0	52.036	6.719	0.0	48.769	5.226	0.0	43.895	6.573	0.0	52.422	5.953	0.0	50.237	6.282	0.0	49.195	5.29	0.0	43.254	6.303
54	15998	15999	NS	1	0.0	46.76	1.603	0.0	54.482	2.443	0.0	40.907	1.535	0.0	48.084	2.145	0.0	45.867	1.608	0.0	54.664	2.262	0.0	39.821	1.478	0.0	47.244	2.047
55	15998	15999	NS	1	0.0	45.842	1.698	0.0	48.543	2.375	0.0	42.606	1.465	0.0	44.246	2.118	0.0	45.307	1.712	0.0	46.615	2.223	0.0	42.702	1.421	0.0	42.519	2.01
56	15998	15999	SN	1	0.846	50.554	5.883	0.0	53.715	6.945	0.0	42.621	3.986	0.0	47.629	5.358	0.817	50.779	5.984	0.0	50.834	6.813	0.0	43.463	4.198	0.0	44.84	5.244
57	15999	16000	NS	1	0.0	52.866	6.297	0.0	52.695	7.544	0.0	44.58	5.458	0.0	46.727	6.555	0.0	53.397	6.368	0.0	52.237	7.128	0.0	44.518	5.322	0.0	44.76	6.106
58	15999	16000	NS	1	0.0	44.026	1.526	0.0	52.595	1.939	0.0	40.228	1.438	0.0	45.073	2.028	0.0	45.309	1.488	0.0	52.739	1.903	0.0	42.529	1.383	0.0	46.142	1.827
59	15999	16000	NS	1	0.0	44.026	1.542	0.0	52.595	1.959	0.0	40.228	1.444	0.0	45.073	2.029	0.0	45.309	1.488	0.0	52.739	1.925	0.0	42.529	1.376	0.0	46.142	1.824
60	15999	16000	SN	1	0.0	51.613	6.781	0.0	45.367	7.108	0.0	43.907	4.573	0.0	41.037	5.976	0.0	52.802	7.004	0.0	43.961	6.986	0.0	40.727	4.559	0.0	39.414	5.634
61	15999	16000	SN	1	0.0	42.323	1.629	0.0	44.339	2.003	0.0	38.621	1.41	0.0	40.612	1.772	0.0	43.147	1.669	0.0	41.27	1.924	0.0	39.942	1.401	0.0	38.24	1.733
62	15999	16000	NS	1	0.0	52.866	6.307	0.0	52.695	7.534	0.0	44.58	5.479	0.0	46.727	6.527	0.0	53.397	6.388	0.0	52.237	7.148	0.0	44.518	5.322	0.0	44.76	6.092
63	16000	16001	NS	1	0.0	40.621	1.042	0.0	53.057	1.648	0.0	37.031	1.166	0.0	48.287	1.833	0.0	42.807	1.026	0.0	54.329	1.517	0.0	36.769	1.133	0.0	46.838	1.613
64	16000	16001	NS	1	0.0	50.876	4.316	0.391	51.661	5.902	0.0	46.597	3.707	0.0	44.045	5.189	0.0	51.656	4.326	0.372	51.359	5.556	0.0	45.55	3.607	0.0	43.602	4.754
65	16000	16001	NS	1	0.0	50.757	4.255	0.391	51.486	5.861	0.0	44.365	3.593	0.0	46.514	5.281	0.0	50.907	4.326	0.369	52.669	5.617	0.0	43.345	3.593	0.0	43.186	4.754
66	16000	16001	NS	1	0.0	39.182	1.04	0.0	54.603	1.67	0.0	41.322	1.177	0.0	48.452	1.888	0.0	39.13	1.015	0.0	55.873	1.528	0.0	41.756	1.12	0.0	47.003	1.642
67	16000	16001	SN	1	0.0	49.643	4.826	0.0	54.481	6.084	0.0	45.83	4.65	0.0	45.852	6.241	0.0	50.014	4.816	0.0	52.917	5.667	0.0	49.799	4.664	0.0	47.624	5.92

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Deviations
Alarming
High Errors

68	16000	16001	SN	1	0.0	49.442	4.867	0.0	54.481	6.053	0.0	45.83	4.686	0.0	45.852	6.269	0.0	49.815	4.877	0.0	52.917	5.667	0.0	49.799	4.679	0.0	47.624	5.942
69	16000	16001	SN	1	0.0	46.04	1.435	0.0	47.931	1.828	0.0	39.264	1.376	0.0	41.998	1.982	0.0	46.812	1.484	0.0	49.021	1.794	0.0	37.593	1.378	0.0	40.168	1.774
70	16000	16001	SN	1	0.0	46.04	1.439	0.0	47.931	1.828	0.0	39.266	1.399	0.0	41.362	1.978	0.0	46.81	1.489	0.0	49.021	1.796	0.0	37.593	1.402	0.0	40.023	1.776
71	16001	16002	NS	1	0.0	51.679	3.493	0.195	56.981	5.006	0.0	41.772	3.657	0.0	40.807	4.968	0.0	51.792	3.442	0.248	57.777	4.762	0.0	41.696	3.38	0.0	42.477	4.426
72	16001	16002	NS	1	0.0	51.679	3.573	0.195	56.981	5.084	0.0	41.772	3.743	0.0	40.807	5.045	0.0	51.792	3.511	0.248	57.777	4.836	0.0	41.696	3.461	0.0	42.477	4.495
73	16001	16002	NS	1	0.0	49.069	3.483	0.183	53.268	5.098	0.0	38.924	3.7	0.0	43.494	4.96	0.0	49.443	3.483	0.236	53.449	4.894	0.0	38.748	3.444	0.0	44.021	4.426
74	16001	16002	SN	1	0.0	43.644	2.197	0.0	45.813	2.783	0.0	46.654	2.546	0.0	48.975	3.344	0.0	44.578	2.157	0.0	46.364	2.346	0.0	47.637	2.241	0.0	47.723	2.661
75	16001	16002	SN	1	0.0	44.515	2.167	0.0	45.383	2.803	0.0	44.688	2.539	0.0	47.355	3.373	0.0	45.186	2.147	0.0	45.932	2.377	0.0	42.819	2.22	0.0	46.105	2.718
76	16001	16002	NS	1	0.0	43.584	0.963	0.0	47.832	1.625	0.0	42.765	1.091	0.0	40.79	1.687	0.0	44.057	0.963	0.0	45.857	1.448	0.0	40.321	0.983	0.0	41.274	1.37
77	16001	16002	NS	1	0.0	43.584	0.94	0.0	47.832	1.6	0.0	42.765	1.076	0.0	40.79	1.663	0.0	44.057	0.936	0.0	45.857	1.423	0.0	40.321	0.964	0.0	41.274	1.349
78	16001	16002	NS	1	0.0	38.806	0.945	0.0	46.308	1.586	0.0	38.675	1.08	0.0	41.071	1.683	0.0	39.775	0.94	0.0	50.257	1.428	0.0	39.149	0.962	0.0	41.555	1.39
79	16001	16002	SN	1	0.0	43.421	0.525	0.0	42.688	0.687	0.0	39.566	0.639	0.0	42.163	0.916	0.0	44.487	0.53	0.0	43.466	0.597	0.0	38.848	0.554	0.0	41.964	0.736
80	16001	16002	SN	1	0.0	47.875	0.525	0.0	48.07	0.687	0.0	47.587	0.673	0.0	44.617	0.923	0.0	48.943	0.523	0.0	45.759	0.606	0.0	47.977	0.565	0.0	44.419	0.745
81	16002	16003	SN	1	0.0	51.63	2.845	0.0	47.635	3.341	0.0	46.053	2.745	0.0	43.188	3.586	0.0	52.388	2.855	0.0	48.546	3.088	0.0	45.943	2.589	0.0	42.712	3.067
82	16002	16003	NS	1	0.0	41.744	3.959	0.0	44.407	5.052	0.0	39.139	3.927	0.0	43.138	5.085	0.0	43.354	4.01	0.0	46.573	4.95	0.0	38.834	3.72	0.0	40.358	5.156
83	16002	16003	NS	1	0.0	43.743	1.139	0.0	41.831	1.474	0.0	37.185	1.308	0.0	41.783	1.969	0.0	43.204	1.164	0.0	44.605	1.44	0.0	36.175	1.246	0.0	40.537	1.892
84	16002	16003	NS	1	0.0	43.743	1.134	0.0	41.831	1.468	0.0	37.185	1.303	0.0	41.783	1.961	0.0	43.204	1.159	0.0	44.605	1.434	0.0	36.175	1.241	0.0	40.537	1.885
85	16002	16003	NS	1	0.0	43.743	1.134	0.0	41.831	1.468	0.0	37.185	1.303	0.0	41.783	1.961	0.0	43.204	1.159	0.0	44.605	1.434	0.0	36.175	1.241	0.0	40.537	1.885
86	16002	16003	NS	1	0.0	41.744	3.973	0.0	44.407	5.065	0.0	39.139	3.942	0.0	43.138	5.098	0.0	43.354	4.024	0.0	46.573	4.963	0.0	38.834	3.735	0.0	40.358	5.17
87	16002	16003	SN	1	0.0	42.355	0.742	0.0	44.043	1.024	0.0	43.008	0.819	0.0	39.438	1.192	0.0	41.18	0.728	0.0	44.654	0.915	0.0	40.787	0.766	0.0	37.046	1.017
88	16002	16003	SN	1	0.0	44.083	0.735	0.0	50.963	1.024	0.0	40.881	0.811	0.0	39.594	1.199	0.0	42.801	0.712	0.0	51.355	0.915	0.0	42.283	0.772	0.0	37.724	1.004
89	16002	16003	NS	1	0.0	41.744	3.959	0.0	44.407	5.052	0.0	39.139	3.927	0.0	43.138	5.085	0.0	43.354	4.01	0.0	46.573	4.95	0.0	38.834	3.72	0.0	40.358	5.156
90	16002	16003	SN	1	0.0	52.199	2.835	0.0	51.948	3.341	0.0	44.682	2.681	0.0	43.65	3.537	0.0	52.956	2.825	0.0	52.193	3.067	0.0	45.943	2.476	0.0	42.589	3.06
91	16003	16004	NS	1	0.0	45.016	2.216	0.0	43.717	2.536	0.0	37.911	2.088	0.0	41.885	2.624	0.0	47.689	2.281	0.0	43.93	2.593	0.0	38.182	2.137	0.0	38.568	2.63
92	16003	16004	NS	1	0.0	45.016	2.01	0.0	43.717	2.305	0.0	37.911	1.904	0.0	41.885	2.388	0.0	47.689	2.069	0.0	43.93	2.357	0.0	38.182	1.945	0.0	38.568	2.386
93	16003	16004	NS	1	0.0	45.016	2.01	0.0	43.717	2.305	0.0	37.911	1.904	0.0	41.885	2.388	0.0	47.689	2.069	0.0	43.93	2.357	0.0	38.182	1.945	0.0	38.568	2.386
94	16003	16004	SN	1	0.818	47.708	3.301	0.0	37.399	3.644	0.0	41.255	3.113	0.0	41.214	4.105	0.408	48.157	3.291	0.0	35.049	3.319	0.0	39.681	3.127	0.0	40.795	3.813
95	16003	16004	SN	1	0.818	47.708	3.301	0.0	37.399	3.644	0.0	41.255	3.113	0.0	41.214	4.105	0.408	48.157	3.291	0.0	35.049	3.319	0.0	39.681	3.127	0.0	40.795	3.813
96	16003	16004	NS	1	0.05	56.795	6.42	0.0	46.617	7.146	0.0	42.748	6.228	0.0	47.513	7.086	0.021	58.919	6.654	0.0	47.715	7.4	0.0	42.989	6.456	0.0	49.986	7.549
97	16003	16004	SN	1	0.0	52.392	0.85	0.0	37.857	1.152	0.0	44.071	1.021	0.0	44.448	1.478	0.0	51.867	0.845	0.0	37.046	1.062	0.0	44.005	1.021	0.0	42.434	1.327
98	16003	16004	SN	1	0.0	52.392	0.85	0.0	37.857	1.152	0.0	44.071	1.021	0.0	44.448	1.478	0.0	51.867	0.845	0.0	37.046	1.062	0.0	44.005	1.021	0.0	42.434	1.327
99	16003	16004	NS	1	0.054	56.795	6.42	0.0	46.617	7.146	0.0	42.748	6.228	0.0	47.513	7.086	0.021	58.919	6.654	0.0	47.715	7.4	0.0	42.989	6.456	0.0	49.986	7.549
100	16003	16004	NS	1	0.0	56.795	7.066	0.0	46.617	7.865	0.0	42.748	6.862	0.0	47.513	7.799	0.0	58.919	7.323	0.0	47.715	8.145	0.0	42.989	7.137	0.0	49.986	8.309
101	16004	16005	NS	1	0.0	53.093	6.327	0.0	47.668	8.155	0.0	44.544	6.048	0.0	40.4	6.947	0.0	54.069	6.51	0.0	47.904	8.073	0.0	44.34	6.005	0.0	43.995	6.954
102	16004	16005	NS	1	0.0	44.581	1.752	0.0	45.276	2.362	0.0	40.669	1.717	0.0	40.651	2.371	0.0	44.149	1.775	0.0	44.514	2.403	0.0	41.918	1.79	0.0	39.542	2.38
103	16004	16005	NS	1	0.571	53.751	6.399	0.0	47.668	8.104	0.0	46.698	6.055	0.0	41.47	6.961	0.938	54.729	6.612	0.0	47.904	8.094	0.0	45.689	6.076	0.0	44.05	7.025

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Deviations
Alarming
High Errors

104	16004	16005	SN	1	0.0	43.101	0.928	0.0	44.26	1.222	0.0	40.411	1.086	0.0	48.356	1.341	0.0	42.995	0.931	0.0	43.453	1.025	0.0	38.696	1.001	0.0	48.482	1.087
105	16004	16005	SN	1	0.0	48.879	3.513	0.0	46.637	4.072	0.0	45.271	3.553	0.0	44.566	4.126	0.0	47.585	3.533	0.0	44.51	3.483	0.0	43.744	3.432	0.0	44.7	3.522
106	16004	16005	NS	1	0.0	44.445	1.763	0.0	45.304	2.373	0.0	39.513	1.687	0.0	40.473	2.394	0.0	44.011	1.775	0.0	44.33	2.423	0.0	38.934	1.758	0.0	40.547	2.417
107	16004	16005	NS	1	0.0	44.445	2.064	0.0	45.304	2.773	0.0	39.513	1.966	0.0	40.473	2.803	0.0	44.011	2.075	0.0	44.33	2.826	0.0	38.934	2.053	0.0	40.547	2.836
108	16004	16005	SN	1	0.0	46.653	3.172	0.0	46.637	4.132	0.0	43.039	3.178	0.0	44.566	4.43	0.0	45.013	3.128	0.0	44.116	3.618	0.0	41.036	3.078	0.0	44.7	3.763
109	16004	16005	NS	1	0.0	53.751	7.379	0.0	47.668	9.405	0.0	46.698	6.973	0.0	41.47	8.086	0.0	54.729	7.641	0.0	47.904	9.429	0.0	45.689	7.082	0.0	44.05	8.195
110	16004	16005	SN	1	0.0	43.101	0.866	0.0	44.26	1.274	0.0	40.454	1.025	0.0	48.356	1.441	0.0	42.995	0.851	0.0	43.453	1.05	0.0	39.047	0.941	0.0	48.482	1.185
111	16005	16006	SN	1	0.0	44.154	1.43	0.0	46.614	1.784	0.0	42.205	1.195	0.0	48.956	1.433	0.0	43.591	1.43	0.0	45.518	1.683	0.0	41.701	1.17	0.0	46.385	1.255
112	16005	16006	SN	1	0.419	51.886	5.461	0.0	49.617	6.297	0.0	44.878	4.768	0.0	47.18	5.534	0.002	51.765	5.492	0.0	51.294	5.809	0.0	44.743	4.464	0.0	44.788	4.842
113	16005	16006	NS	1	0.0	53.897	10.126	0.0	53.962	11.998	0.0	48.85	7.813	0.0	48.362	8.921	0.0	54.784	10.299	0.0	54.855	11.683	0.0	47.941	7.912	0.0	47.579	8.757
114	16005	16006	NS	1	0.0	55.05	10.136	0.0	52.219	11.906	0.0	50.895	7.813	0.0	46.427	8.978	0.0	55.069	10.309	0.0	50.663	11.612	0.0	49.988	7.941	0.0	47.44	8.693
115	16005	16006	SN	1	0.0	51.886	5.307	0.0	49.617	6.133	0.0	43.127	4.64	0.0	47.18	5.392	0.0	51.765	5.399	0.0	51.294	5.676	0.0	44.743	4.385	0.0	44.788	4.717
116	16005	16006	SN	1	0.0	51.886	5.307	0.0	49.617	6.133	0.0	43.127	4.64	0.0	47.18	5.392	0.0	51.765	5.399	0.0	51.294	5.676	0.0	44.743	4.385	0.0	44.788	4.717
117	16005	16006	NS	1	0.0	46.682	2.767	0.0	50.95	3.498	0.0	49.122	2.197	0.0	43.483	2.807	0.0	48.417	2.781	0.0	51.208	3.371	0.0	48.271	2.28	0.0	41.474	2.659
118	16005	16006	NS	1	0.0	50.097	2.819	0.0	51.145	3.509	0.0	43.284	2.186	0.0	44.111	2.805	0.0	48.464	2.794	0.0	51.404	3.416	0.0	42.896	2.252	0.0	44.312	2.647
119	16006	16007	SN	1	0.0	42.099	1.118	0.0	53.774	1.509	0.0	46.243	1.125	0.0	41.896	1.589	0.0	41.105	1.122	0.0	53.082	1.52	0.0	45.157	1.152	0.0	38.963	1.485
120	16006	16007	SN	1	0.0	37.79	1.125	0.0	46.845	1.521	0.0	39.43	1.136	0.0	37.244	1.595	0.0	39.518	1.131	0.0	46.919	1.519	0.0	38.347	1.154	0.0	38.714	1.478
121	16006	16007	NS	1	0.0	52.318	5.464	0.0	52.185	7.237	0.0	44.453	4.931	0.0	44.687	5.805	0.0	51.731	5.464	0.0	54.438	6.881	0.0	42.814	4.782	0.0	44.956	5.798
122	16006	16007	SN	1	0.0	37.79	1.136	0.0	46.845	1.531	0.0	39.43	1.148	0.0	37.244	1.599	0.0	39.518	1.143	0.0	46.919	1.522	0.0	38.347	1.166	0.0	38.714	1.483
123	16006	16007	SN	1	0.0	46.441	4.587	0.851	50.131	5.079	0.0	46.73	3.993	0.0	46.319	5.081	0.0	46.048	4.608	0.655	50.3	5.008	0.0	49.592	3.993	0.0	46.137	4.889
124	16006	16007	NS	1	0.0	52.318	5.484	0.0	53.415	7.216	0.0	44.455	4.903	0.0	44.815	5.805	0.0	51.731	5.484	0.0	54.201	6.881	0.0	42.814	4.768	0.0	45.008	5.805
125	16006	16007	SN	1	0.0	46.441	4.581	0.851	50.131	5.028	0.0	46.73	4.043	0.0	46.319	5.097	0.0	46.048	4.612	0.655	50.3	4.956	0.0	49.592	4.043	0.0	46.137	4.889
126	16006	16007	SN	1	0.0	46.6	4.551	0.851	50.061	5.051	0.0	48.273	3.957	0.0	46.319	5.111	0.0	46.217	4.582	0.655	49.181	4.949	0.0	51.137	4.036	0.0	46.137	4.88
127	16006	16007	NS	1	0.0	45.85	1.73	0.0	51.182	2.225	0.0	41.504	1.303	0.0	44.772	1.873	0.0	46.27	1.757	0.0	52.998	2.23	0.0	39.821	1.374	0.0	46.2	1.806
128	16006	16007	NS	1	0.0	45.85	1.727	0.0	54.241	2.227	0.0	41.504	1.311	0.0	44.772	1.868	0.0	46.27	1.743	0.0	53.197	2.243	0.0	39.821	1.378	0.0	46.265	1.806
129	16007	16008	SN	1	0.0	44.258	1.078	0.0	44.598	1.467	0.0	42.344	1.296	0.0	36.486	1.805	0.0	42.264	1.062	0.0	43.249	1.345	0.0	44.176	1.226	0.0	35.677	1.56
130	16007	16008	SN	1	0.0	39.676	2.344	0.418	43.944	3.744	0.0	48.194	3.94	0.0	36.729	5.203	0.0	39.39	2.344	0.349	41.32	3.507	0.0	47.977	3.846	0.0	38.578	4.806
131	16007	16008	NS	1	0.0	43.63	1.623	0.0	48.365	2.322	0.0	38.46	1.573	0.0	41.63	1.982	0.0	44.306	1.623	0.0	47.102	2.286	0.0	38.251	1.612	0.0	39.513	2.019
132	16007	16008	NS	1	0.0	50.18	5.26	0.0	50.813	7.481	0.0	46.39	4.889	0.0	48.181	5.962	0.0	49.965	5.25	0.0	52.608	7.369	0.0	47.204	5.088	0.0	43.226	6.054
133	16007	16008	SN	1	0.0	41.291	2.542	0.418	44.218	3.88	0.0	38.952	3.972	0.0	37.3	5.244	0.0	41.16	2.552	0.349	43.568	3.616	0.0	38.109	3.937	0.0	39.248	4.832
134	16008	16009	NS	1	0.0	45.154	1.385	0.0	46.333	1.879	0.0	38.294	1.289	0.0	43.059	1.555	0.0	44.404	1.426	0.0	46.174	1.797	0.0	40.358	1.252	0.0	42.409	1.398
135	16008	16009	NS	1	0.0	52.929	5.8	0.0	48.61	6.599	0.0	47.05	4.48	0.0	48.882	5.417	0.0	54.832	5.892	0.0	49.55	6.266	0.0	46.619	4.625	0.0	49.462	5.16
136	16008	16009	NS	1	0.0	42.324	1.445	0.0	55.59	2.002	0.0	42.716	1.24	0.0	43.172	1.682	0.0	41.74	1.431	0.0	58.072	1.898	0.0	41.367	1.206	0.0	45.207	1.465
137	16008	16009	SN	1	0.716	43.785	4.273	0.0	49.733	4.862	0.0	40.647	3.566	0.0	40.599	5.542	0.714	43.204	4.232	0.0	47.087	4.446	0.0	41.786	3.432	0.0	42.631	4.795
138	16008	16009	SN	1	0.0	38.424	1.049	0.0	41.047	1.414	0.0	39.466	1.176	0.0	38.044	1.975	0.0	37.829	1.04	0.0	39.94	1.287	0.0	40.426	1.1	0.0	34.711	1.688
139	16008	16009	SN	1	0.0	41.87	4.032	0.0	49.733	4.965	0.0	39.797	3.47	0.0	40.599	5.6	0.0	42.576	3.938	0.0	47.087	4.529	0.0	41.35	3.368	0.0	42.631	4.842

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Deviations
Alarming
High Errors

140	16008	16009	NS	1	0.572	52.666	5.628	0.0	55.151	6.811	0.0	44.642	4.577	0.0	42.717	5.655	0.448	53.311	5.689	0.0	53.265	6.567	0.0	43.942	4.434	0.0	45.76	5.142
141	16009	16010	NS	1	0.654	53.975	3.108	0.0	45.839	4.097	0.0	49.792	2.982	0.0	48.177	4.038	0.843	53.964	3.2	0.0	48.22	3.609	0.0	48.522	2.84	0.0	48.61	3.568
142	16009	16010	NS	1	0.662	53.975	3.119	0.0	45.839	4.097	0.0	45.824	2.968	0.0	46.956	4.024	0.843	53.964	3.21	0.0	48.239	3.619	0.0	45.094	2.826	0.0	48.585	3.547
143	16009	16010	SN	1	0.0	40.822	1.335	0.0	43.803	1.925	0.0	39.513	1.5	0.0	39.954	2.132	0.0	40.884	1.37	0.0	44.33	1.822	0.0	40.131	1.451	0.0	38.182	1.952
144	16009	16010	SN	1	0.0	47.87	5.314	0.0	46.965	6.42	0.0	41.421	4.54	0.0	39.557	6.338	0.0	49.215	5.314	0.0	48.066	6.157	0.0	40.134	4.518	0.0	41.586	6.065
145	16009	16010	NS	1	0.0	49.906	0.803	0.0	49.385	1.158	0.0	43.799	0.753	0.0	44.441	1.191	0.0	49.546	0.78	0.0	46.302	1.07	0.0	42.039	0.742	0.0	45.199	1.064
146	16009	16010	SN	1	0.0	46.569	5.367	0.0	50.76	6.435	0.0	42.461	4.738	0.0	39.557	6.267	0.0	48.368	5.448	0.0	54.038	6.039	0.0	40.948	4.731	0.0	41.586	6.011
147	16009	16010	NS	1	0.0	49.906	0.801	0.0	49.151	1.172	0.0	51.175	0.742	0.0	45.663	1.197	0.0	49.545	0.778	0.0	46.069	1.081	0.0	49.524	0.741	0.0	46.42	1.065
148	16010	16011	SN	1	0.0	48.197	7.013	0.0	47.754	8.868	0.0	46.248	5.994	0.0	48.177	7.956	0.0	48.487	7.131	0.0	48.854	9.007	0.0	45.537	6.488	0.0	49.499	8.308
149	16010	16011	SN	1	0.0	42.392	1.956	0.0	53.178	2.654	0.0	37.513	1.934	0.0	37.598	2.636	0.0	44.048	1.992	0.0	54.287	2.697	0.0	37.945	1.986	0.0	36.484	2.681
150	16010	16011	NS	1	0.848	53.617	3.87	0.0	46.671	4.678	0.0	49.14	3.956	0.0	43.616	4.674	0.472	53.187	3.991	0.0	47.045	4.343	0.0	47.199	3.857	0.0	45.72	4.054
151	16010	16011	NS	1	0.851	54.13	3.798	0.0	46.489	4.668	0.0	43.005	3.942	0.0	44.557	4.738	0.455	54.656	3.961	0.0	46.862	4.383	0.0	43.828	3.814	0.0	45.833	4.076
152	16010	16011	NS	1	0.0	45.476	1.033	0.0	47.791	1.425	0.0	41.955	1.119	0.0	41.017	1.56	0.0	46.016	1.063	0.0	48.312	1.339	0.0	39.919	1.03	0.0	40.013	1.297
153	16010	16011	NS	1	0.0	45.981	1.033	0.0	47.822	1.441	0.0	43.591	1.108	0.0	38.751	1.554	0.0	46.074	1.063	0.0	47.629	1.36	0.0	42.029	1.041	0.0	38.156	1.277
154	16010	16011	SN	1	0.0	48.197	6.985	0.0	47.754	8.814	0.0	46.248	5.907	0.0	48.177	7.669	0.0	48.487	7.066	0.0	48.854	8.926	0.0	45.537	6.397	0.0	49.499	8.025
155	16011	16012	NS	1	0.633	45.706	4.408	0.0	47.878	5.268	0.0	47.091	4.198	0.0	43.913	5.472	0.411	45.744	4.398	0.0	49.451	5.105	0.0	47.276	4.155	0.0	46.839	5.294
156	16011	16012	SN	1	0.0	47.047	5.422	0.0	54.495	6.007	0.0	45.861	4.681	0.0	48.54	5.433	0.0	48.328	5.389	0.0	54.439	5.24	0.0	46.001	4.459	0.0	45.052	4.703
157	16011	16012	SN	1	0.0	47.047	5.52	0.0	54.495	6.428	0.0	45.861	4.662	0.0	48.54	5.514	0.0	48.328	5.49	0.0	54.439	5.615	0.0	46.001	4.42	0.0	45.052	4.752
158	16011	16012	NS	1	0.0	46.201	1.16	0.0	48.812	1.801	0.0	38.07	1.257	0.0	47.146	1.862	0.0	45.72	1.158	0.0	52.236	1.688	0.0	37.279	1.248	0.0	50.87	1.675
159	16011	16012	NS	1	0.0	44.578	1.151	0.0	49.592	1.756	0.0	38.005	1.234	0.0	46.993	1.824	0.0	44.244	1.128	0.0	52.236	1.645	0.0	36.654	1.211	0.0	50.718	1.672
160	16011	16012	NS	1	0.648	48.497	4.388	0.0	45.974	5.36	0.0	47.17	4.219	0.0	43.913	5.493	0.548	48.534	4.367	0.0	45.508	5.278	0.0	47.309	4.17	0.0	46.839	5.28
161	16011	16012	SN	1	0.0	39.832	1.565	0.0	43.755	1.721	0.0	42.301	1.407	0.0	46.243	1.862	0.0	40.12	1.509	0.0	43.087	1.519	0.0	39.942	1.329	0.0	48.0	1.581
162	16012	16013	SN	1	0.0	52.208	5.338	0.353	48.652	5.868	0.0	45.398	4.271	0.0	42.505	5.312	0.0	52.373	5.36	0.351	48.739	5.551	0.0	44.624	4.358	0.0	44.526	4.963
163	16012	16013	SN	1	0.0	50.403	5.508	0.353	49.84	6.267	0.0	43.724	4.398	0.0	42.676	5.707	0.0	51.559	5.518	0.351	50.279	5.952	0.0	44.092	4.405	0.0	45.349	5.223
164	16012	16013	SN	1	0.0	43.494	1.612	0.0	44.758	1.776	0.0	44.837	1.26	0.0	44.173	1.744	0.0	45.178	1.603	0.0	47.44	1.665	0.0	42.092	1.253	0.0	48.28	1.618
165	16012	16013	SN	1	0.0	48.587	1.594	0.0	44.397	1.735	0.0	44.837	1.266	0.0	44.173	1.678	0.0	50.221	1.591	0.0	47.071	1.634	0.0	42.092	1.268	0.0	48.28	1.563
166	16012	16013	NS	1	0.0	55.075	2.397	0.0	52.729	3.151	0.0	47.897	2.206	0.0	45.881	3.469	0.0	56.607	2.376	0.0	53.221	3.039	0.0	45.498	2.128	0.0	46.186	3.162
167	16012	16013	SN	1	0.0	52.208	5.448	0.353	48.652	6.257	0.0	45.398	4.405	0.0	42.505	5.643	0.0	52.373	5.468	0.351	48.739	5.912	0.0	44.624	4.405	0.0	44.526	5.216
168	16012	16013	NS	1	0.0	43.918	0.674	0.0	51.495	1.135	0.0	45.143	0.598	0.0	47.928	1.25	0.0	42.79	0.678	0.0	52.3	1.095	0.0	46.411	0.582	0.0	48.233	1.065
169	16012	16013	NS	1	0.0	43.918	0.672	0.0	51.481	1.14	0.0	45.064	0.591	0.0	45.881	1.246	0.0	42.791	0.662	0.0	52.349	1.099	0.0	46.33	0.575	0.0	46.186	1.065
170	16012	16013	NS	1	0.0	55.325	2.417	0.0	52.729	3.151	0.0	47.897	2.213	0.0	47.928	3.454	0.0	56.858	2.387	0.0	53.221	3.049	0.0	45.498	2.135	0.0	48.233	3.127
171	16013	16014	SN	1	0.0	43.132	5.013	1.081	45.754	6.491	0.0	39.377	4.859	0.0	43.192	6.013	0.0	43.903	5.023	0.356	45.484	6.592	0.0	39.403	4.873	0.0	40.927	6.056
172	16013	16014	NS	1	0.0	51.416	5.484	0.0	52.222	6.2	0.0	47.423	4.661	0.0	43.257	5.384	0.0	51.606	5.443	0.0	53.651	5.814	0.0	46.636	4.633	0.0	41.201	4.971
173	16013	16014	NS	1	0.0	39.286	1.395	0.0	43.143	1.705	0.0	41.515	1.353	0.0	39.594	1.602	0.0	39.228	1.391	0.0	45.288	1.608	0.0	42.709	1.291	0.0	39.665	1.389
174	16013	16014	SN	1	0.0	43.659	1.411	0.0	39.676	2.052	0.0	36.699	1.474	0.0	41.243	1.954	0.0	44.835	1.422	0.0	39.749	2.0	0.0	38.756	1.556	0.0	36.835	1.897
175	16014	16015	SN	1	0.405	48.935	6.784	0.0	48.679	8.085	0.0	42.561	5.992	0.0	45.746	7.297	0.867	48.98	6.703	0.0	50.257	8.075	0.0	45.734	6.226	0.0	49.394	7.789

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Deviations
Alarming
High Errors

176	16014	16015	NS	1	0.0	44.718	1.216	0.0	40.487	1.543	0.0	38.987	1.182	0.0	39.469	1.72	0.0	45.615	1.227	0.0	40.615	1.421	0.0	37.319	1.14	0.0	42.437	1.506
177	16014	16015	NS	1	0.0	47.488	3.98	0.0	47.199	5.327	0.0	43.82	4.084	0.0	48.543	5.264	0.0	46.141	4.061	0.0	44.691	4.971	0.0	44.115	4.141	0.0	47.527	4.915
178	16015	16016	SN	1	0.41	46.786	4.324	0.0	47.338	5.694	0.0	39.869	4.212	0.0	45.736	5.071	0.723	47.585	4.415	0.0	48.593	5.521	0.0	43.265	4.013	0.0	43.646	4.574
179	16015	16016	NS	1	0.036	54.772	2.695	0.0	54.826	3.67	0.0	42.043	3.053	0.0	48.744	4.258	0.489	53.266	2.664	0.0	55.345	3.293	0.0	41.387	2.86	0.0	50.956	3.986
180	16015	16016	NS	1	0.274	54.772	2.681	0.0	54.826	3.661	0.0	42.043	3.038	0.0	48.744	4.247	0.849	53.266	2.651	0.0	55.345	3.285	0.0	41.387	2.846	0.0	50.956	3.976
181	16015	16016	SN	1	0.074	46.786	4.354	0.0	50.82	5.643	0.0	47.091	4.24	0.0	45.734	5.114	0.437	47.585	4.445	0.0	50.757	5.45	0.0	47.802	3.999	0.0	43.437	4.63
182	16015	16016	NS	1	0.271	54.772	2.671	0.0	54.826	3.661	0.0	42.043	3.067	0.0	48.744	4.29	0.828	53.266	2.651	0.0	55.345	3.305	0.0	41.387	2.903	0.0	50.956	3.99
183	16015	16016	NS	1	0.0	43.874	0.882	0.0	43.039	1.226	0.0	36.215	0.955	0.0	47.991	1.521	0.0	43.474	0.911	0.0	40.495	1.133	0.0	35.538	0.832	0.0	50.956	1.288
184	16015	16016	NS	1	0.0	43.874	0.877	0.0	43.039	1.22	0.0	36.215	0.95	0.0	47.991	1.513	0.0	43.474	0.906	0.0	40.495	1.128	0.0	35.538	0.827	0.0	50.956	1.281
185	16015	16016	NS	1	0.0	43.874	0.884	0.0	43.039	1.218	0.0	36.828	0.943	0.0	47.991	1.501	0.0	43.474	0.911	0.0	40.495	1.125	0.0	35.538	0.831	0.0	50.956	1.267
186	16016	16017	SN	1	0.0	48.597	2.602	0.0	58.034	4.001	0.0	42.409	2.617	0.0	46.86	3.948	0.0	49.386	2.612	0.0	57.051	3.574	0.0	42.9	2.489	0.0	49.055	3.159
187	16016	16017	NS	1	0.0	53.027	3.757	0.0	45.994	4.231	0.0	43.033	3.693	0.0	48.992	5.095	0.0	52.622	3.788	0.0	45.495	4.058	0.0	42.385	3.501	0.0	49.766	4.653
188	16016	16017	NS	1	0.0	45.059	1.029	0.0	44.408	1.419	0.0	40.069	1.085	0.0	45.805	1.583	0.0	43.814	1.029	0.0	44.545	1.348	0.0	40.045	1.053	0.0	44.181	1.407
189	16016	16017	NS	1	0.0	45.059	1.068	0.0	44.408	1.464	0.0	40.069	1.146	0.0	45.805	1.612	0.0	43.814	1.061	0.0	44.545	1.387	0.0	40.045	1.099	0.0	44.181	1.455
190	16016	16017	NS	1	0.0	53.027	3.917	0.0	45.994	4.342	0.0	44.028	3.831	0.0	48.992	5.221	0.0	52.622	3.875	0.0	45.495	4.175	0.0	43.521	3.633	0.0	49.766	4.773
191	16016	16017	NS	1	0.314	53.027	3.798	0.0	45.994	4.22	0.0	44.028	3.728	0.0	48.992	5.073	0.262	52.622	3.758	0.0	45.495	4.058	0.0	43.521	3.522	0.0	49.766	4.639
192	16016	16017	NS	1	0.0	45.059	1.035	0.0	44.408	1.423	0.0	40.069	1.113	0.0	45.805	1.567	0.0	43.814	1.029	0.0	44.545	1.348	0.0	40.045	1.067	0.0	44.181	1.412
193	16016	16017	SN	1	0.0	48.597	2.602	0.0	58.034	4.001	0.0	42.409	2.617	0.0	46.86	3.948	0.0	49.386	2.612	0.0	57.051	3.574	0.0	42.9	2.489	0.0	49.055	3.159
194	16017	16018	NS	1	0.0	48.571	2.055	0.0	48.676	2.769	0.0	36.235	1.99	0.0	38.946	2.897	0.0	49.498	2.028	0.0	50.418	2.697	0.0	36.583	2.027	0.0	36.476	2.87
195	16017	16018	NS	1	0.0	56.476	6.439	0.0	47.849	8.639	0.0	43.659	6.28	0.0	40.287	8.836	0.0	58.606	6.558	0.0	46.008	8.595	0.0	44.781	6.532	0.0	39.201	8.798
196	16017	16018	SN	1	0.0	47.501	3.564	0.0	47.884	3.848	0.0	42.207	3.553	0.0	42.525	4.105	0.0	47.65	3.655	0.0	46.678	3.716	0.0	42.005	3.369	0.0	42.43	3.806
197	16017	16018	SN	1	0.0	47.34	3.554	0.0	43.796	3.859	0.0	42.207	3.532	0.0	41.59	4.112	0.0	47.49	3.625	0.0	43.542	3.727	0.0	42.005	3.298	0.0	39.963	3.799
198	16017	16018	NS	1	0.0	56.476	6.03	0.0	47.849	8.078	0.0	43.659	5.798	0.0	40.287	8.247	0.0	58.606	6.142	0.0	46.008	8.028	0.0	44.781	6.033	0.0	39.201	8.212
199	16017	16018	NS	1	0.0	48.571	1.919	0.0	48.676	2.584	0.0	36.235	1.855	0.0	38.946	2.701	0.0	49.498	1.892	0.0	50.418	2.514	0.0	36.583	1.878	0.0	36.476	2.674
200	16017	16018	NS	1	0.0	48.571	1.919	0.0	48.676	2.584	0.0	36.235	1.855	0.0	38.946	2.701	0.0	49.498	1.892	0.0	50.418	2.514	0.0	36.583	1.878	0.0	36.476	2.674
201	16017	16018	NS	1	0.0	56.476	6.03	0.0	47.849	8.078	0.0	43.659	5.798	0.0	40.287	8.247	0.0	58.606	6.142	0.0	46.008	8.028	0.0	44.781	6.033	0.0	39.201	8.212
202	16018	16019	SN	1	0.0	52.62	2.886	0.594	45.401	3.261	0.0	43.734	2.922	0.0	44.546	3.544	0.0	51.952	2.815	0.495	46.903	2.732	0.0	44.967	2.71	0.0	43.468	2.975
203	16018	16019	SN	1	0.0	41.483	0.703	0.0	40.234	0.945	0.0	38.448	0.883	0.0	42.552	1.288	0.0	40.134	0.69	0.0	40.439	0.834	0.0	36.138	0.761	0.0	45.238	1.006
204	16018	16019	NS	1	0.0	47.443	1.425	0.0	49.973	1.468	0.0	41.599	1.639	0.0	42.626	1.813	0.0	47.344	1.418	0.0	49.1	1.325	0.0	41.691	1.582	0.0	39.497	1.621
205	16018	16019	NS	1	0.0	49.679	5.262	0.0	50.126	5.721	0.0	47.183	5.017	0.0	48.316	5.577	0.0	49.941	5.262	0.0	51.75	5.274	0.0	46.639	5.039	0.0	44.932	5.042
206	16018	16019	NS	1	0.0	49.679	5.261	0.0	50.126	5.721	0.0	47.183	5.032	0.0	48.316	5.584	0.0	49.941	5.261	0.0	51.75	5.274	0.0	46.639	5.032	0.0	44.932	5.042
207	16018	16019	SN	1	0.0	50.754	2.226	0.594	44.25	2.846	0.0	38.7	2.578	0.0	44.546	3.469	0.0	51.579	2.204	0.495	44.48	2.457	0.0	36.565	2.407	0.0	43.468	2.97
208	16018	16019	SN	1	0.0	38.254	0.687	0.0	40.691	0.931	0.0	41.506	0.855	0.0	40.253	1.26	0.0	37.971	0.678	0.0	40.711	0.827	0.0	38.238	0.766	0.0	42.935	0.978
209	16018	16019	NS	1	0.0	47.443	1.591	0.0	49.973	1.661	0.0	41.599	1.847	0.0	42.626	2.041	0.0	47.344	1.591	0.0	49.1	1.5	0.0	41.691	1.805	0.0	39.497	1.816
210	16018	16019	NS	1	0.0	47.443	1.427	0.0	49.973	1.468	0.0	41.599	1.646	0.0	42.626	1.813	0.0	47.344	1.42	0.0	49.1	1.323	0.0	41.691	1.584	0.0	39.497	1.619
211	16018	16019	SN	1	0.0	52.991	0.653	0.0	37.991	0.925	0.0	36.18	0.819	0.0	40.663	1.3	0.0	53.261	0.656	0.0	39.125	0.848	0.0	38.238	0.746	0.0	42.935	1.011

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Deviations
Alarming
High Errors

212	16018	16019	SN	1	0.0	45.654	2.835	0.594	44.105	3.261	0.0	47.655	2.958	0.0	46.846	3.587	0.0	46.383	2.774	0.495	45.629	2.783	0.0	46.958	2.703	0.0	45.768	2.982
213	16018	16019	NS	1	0.0	49.679	5.869	0.0	50.126	6.466	0.0	47.183	5.628	0.0	48.316	6.274	0.0	49.941	5.869	0.0	51.75	5.972	0.0	46.639	5.709	0.0	44.932	5.757
214	16019	16020	NS	1	0.0	49.871	6.419	0.0	47.6	8.109	0.0	47.587	6.035	0.0	49.909	7.279	0.0	50.762	6.419	0.0	48.161	7.835	0.0	45.815	5.907	0.0	50.148	6.83
215	16019	16020	NS	1	0.0	44.212	2.069	0.0	52.253	2.766	0.0	41.866	1.708	0.0	45.765	2.152	0.0	44.725	2.042	0.0	53.418	2.542	0.0	43.228	1.655	0.0	46.903	2.042
216	16019	16020	NS	1	0.0	47.994	2.102	0.0	50.763	2.702	0.0	53.833	1.727	0.0	48.433	2.194	0.0	47.2	2.083	0.0	49.681	2.526	0.0	52.956	1.67	0.0	45.535	1.983
217	16019	16020	NS	1	0.0	52.76	6.478	0.0	50.763	8.388	0.0	46.379	5.969	0.0	49.082	7.458	0.0	51.948	6.61	0.0	50.394	8.194	0.0	46.668	5.876	0.0	49.703	7.009

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	15990	15991	SN	1	0.0	29.687	13.653	0.0	217.79	13.182	0.0	152.049	11.053	0.0	59.474	14.439	0.0	1.451	0.0	0.0	1.795	0.0	0.0	1.87	0.0	0.0	2.164	0.0
2	15990	15991	SN	1	0.0	22.104	6.165	0.0	124.658	7.66	0.0	149.087	2.758	0.0	70.443	4.208	0.0	1.435	0.0	0.0	1.801	0.0	0.0	1.894	0.0	0.0	2.164	0.0
3	15990	15991	SN	1	0.0	29.687	15.025	0.0	142.643	11.081	0.0	152.076	12.411	0.0	14.493	9.821	0.0	1.451	0.0	0.0	1.79	0.0	0.0	1.851	0.0	0.0	2.138	0.0
4	15990	15991	SN	1	0.0	22.104	6.271	0.0	124.658	6.252	0.0	149.12	2.371	0.0	14.196	2.548	0.0	1.435	0.0	0.0	1.789	0.0	0.0	1.862	0.0	0.0	2.145	0.0
5	15990	15991	SN	1	0.0	22.104	6.237	0.0	124.658	7.589	0.0	149.087	2.83	0.0	14.201	4.045	0.0	1.435	0.0	0.0	1.801	0.0	0.0	1.893	0.0	0.0	2.164	0.0
6	15990	15991	SN	1	0.0	29.687	13.74	0.0	217.79	12.708	0.0	152.049	11.333	0.0	14.493	13.742	0.0	1.451	0.0	0.0	1.795	0.0	0.0	1.869	0.0	0.0	2.165	0.0
7	15991	15992	NS	1	0.0	26.869	10.189	0.0	30.002	14.19	0.0	357.121	9.611	0.0	36.085	12.292	0.0	1.421	0.0	0.0	1.78	0.0	0.0	1.845	0.0	0.0	2.135	0.0
8	15991	15992	SN	1	0.0	20.24	5.788	0.0	23.477	4.947	0.0	141.14	1.464	0.0	68.822	1.519	0.0	1.375	0.0	0.0	1.787	0.0	0.0	1.831	0.0	0.0	2.144	0.0
9	15991	15992	SN	1	0.722	29.235	13.68	0.0	27.36	13.042	0.0	146.164	11.049	0.0	66.186	14.43	0.0	1.451	0.0	0.0	1.831	0.0	0.0	1.853	0.0	0.0	2.189	0.0
10	15991	15992	NS	1	0.0	25.507	4.126	0.0	24.547	5.567	0.0	11.62	0.61	0.0	45.89	1.395	0.0	1.376	0.0	0.0	1.76	0.0	0.0	1.814	0.0	0.0	2.112	0.0
11	15991	15992	SN	1	0.0	22.11	6.102	0.0	24.238	7.497	0.0	141.14	2.76	0.0	68.822	4.132	0.0	1.438	0.0	0.0	1.829	0.0	0.0	1.876	0.0	0.0	2.192	0.0
12	15991	15992	SN	1	0.0	20.24	6.206	0.0	23.477	4.107	0.0	141.14	2.045	0.0	13.076	1.275	0.0	1.375	0.0	0.0	1.772	0.0	0.0	1.831	0.0	0.0	2.142	0.0
13	15991	15992	NS	1	0.0	20.45	8.427	0.0	30.162	14.851	0.0	12.822	3.751	0.0	75.864	10.757	0.0	1.317	0.0	0.0	1.757	0.0	0.0	1.79	0.0	0.0	2.108	0.0
14	15991	15992	SN	1	0.0	29.235	20.308	0.0	23.61	8.9	0.0	146.164	15.289	0.0	14.51	5.875	0.0	1.355	0.0	0.0	1.778	0.0	0.0	1.846	0.0	0.0	2.144	0.0
15	15991	15992	NS	1	0.0	25.507	5.927	0.0	24.575	6.629	0.0	128.227	2.06	0.0	67.239	2.896	0.0	1.44	0.0	0.0	1.778	0.0	0.0	1.847	0.0	0.0	2.136	0.0
16	15991	15992	SN	1	0.0	29.235	17.627	0.0	27.36	10.016	0.0	146.164	11.286	0.0	66.186	7.057	0.0	1.36	0.0	0.0	1.787	0.0	0.0	1.846	0.0	0.0	2.144	0.0
17	15992	15993	SN	1	0.0	22.132	6.185	0.0	24.238	7.596	0.0	98.718	2.908	0.0	14.196	4.274	0.0	1.436	0.0	0.0	1.788	0.0	0.0	1.851	0.0	0.0	2.144	0.0
18	15992	15993	NS	1	0.0	218.234	8.921	0.0	30.095	13.263	0.0	140.696	7.82	0.0	52.745	9.681	0.0	1.417	0.0	0.0	1.781	0.0	0.0	1.844	0.0	0.0	2.138	0.0
19	15992	15993	NS	1	0.0	162.135	5.802	0.0	24.597	6.562	0.0	337.642	2.043	0.0	56.347	2.845	0.0	1.443	0.0	0.0	1.801	0.0	0.0	1.853	0.0	0.0	2.163	0.0
20	15992	15993	NS	1	0.0	218.234	5.139	0.0	24.569	5.703	0.0	348.507	1.599	0.0	47.302	2.25	0.0	1.442	0.0	0.0	1.778	0.0	0.0	1.847	0.0	0.0	2.135	0.0
21	15992	15993	SN	1	0.0	28.612	13.619	0.0	27.365	13.149	0.0	138.906	11.085	0.0	74.155	14.403	0.0	1.451	0.0	0.0	1.79	0.0	0.0	1.848	0.0	0.0	2.145	0.0
22	15992	15993	NS	1	0.0	238.595	10.187	0.0	30.095	14.113	0.0	141.203	9.571	0.0	37.513	12.063	0.0	1.419	0.0	0.0	1.805	0.0	0.0	1.838	0.0	0.0	2.152	0.0
23	15992	15993	SN	1	0.0	22.132	6.164	0.0	24.238	7.611	0.0	98.718	2.886	0.0	68.425	4.366	0.0	1.436	0.0	0.0	1.788	0.0	0.0	1.851	0.0	0.0	2.144	0.0
24	15992	15993	SN	1	0.0	28.612	13.651	0.0	27.365	12.978	0.0	138.906	11.159	0.0	20.731	14.157	0.0	1.451	0.0	0.0	1.79	0.0	0.0	1.848	0.0	0.0	2.145	0.0
25	15993	15994	NS	1	0.0	25.518	9.054	0.0	24.498	5.803	0.0	352.014	4.035	0.0	11.637	2.113	0.0	1.427	0.0	0.0	1.777	0.0	0.0	1.832	0.0	0.0	2.136	0.0
26	15993	15994	NS	1	0.0	44.73	15.461	0.0	29.748	11.794	0.0	353.139	18.567	0.0	13.363	8.47	0.0	1.413	0.0	0.0	1.78	0.0	0.0	1.831	0.0	0.0	2.135	0.0
27	15994	15995	NS	1	0.0	154.155	6.045	0.0	24.569	6.324	0.0	344.095	2.634	0.0	19.529	3.002	0.0	1.442	0.0	0.0	1.778	0.0	0.0	1.846	0.0	0.0	2.136	0.0
28	15994	15995	NS	1	0.0	91.717	9.741	0.0	29.831	13.25	0.0	139.918	11.312	0.0	34.325	11.082	0.0	1.419	0.0	0.0	1.78	0.0	0.0	1.837	0.0	0.0	2.137	0.0
29	15994	15995	SN	1	0.0	13.468	5.096	0.0	17.88	5.988	0.0	9.635	0.0	0.0	9.784	0.0	0.0	1.282	0.0	0.0	1.694	0.0	0.0	1.776	0.0	0.0	2.038	0.0
30	15994	15995	SN	1	0.0	13.159	1.468	0.0	11.562	0.307	0.0	9.585	0.0	0.0	8.744	0.0	0.0	1.294	0.0	0.0	1.693	0.0	0.0	1.785	0.0	0.0	2.042	0.0
31	15995	15996	SN	1	0.0	22.137	6.232	0.0	24.249	7.628	0.0	191.029	2.919	0.0	61.222	4.345	0.0	1.436	0.0	0.0	1.788	0.0	0.0	1.851	0.0	0.0	2.145	0.0

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

Normal
Alarming
Deviations
High Errors

32	15995	15996	NS	1	0.0	25.501	5.952	0.0	24.564	6.631	0.0	332.149	2.086	0.0	36.906	2.859	0.0	1.441	0.0	0.0	1.777	0.0	0.0	1.846	0.0	0.0	2.134	0.0
33	15995	15996	SN	1	0.0	29.494	13.685	0.0	28.857	12.683	0.0	145.265	11.391	0.0	14.604	13.838	0.0	1.452	0.0	0.0	1.788	0.0	0.0	1.844	0.0	0.0	2.142	0.0
34	15995	15996	NS	1	0.0	26.704	10.196	0.0	29.886	14.162	0.0	327.969	9.548	0.0	40.541	12.224	0.0	1.42	0.0	0.0	1.777	0.0	0.0	1.843	0.0	0.0	2.136	0.0
35	15995	15996	SN	1	0.0	22.137	6.295	0.0	24.249	7.563	0.0	191.029	2.992	0.0	14.196	4.197	0.0	1.436	0.0	0.0	1.788	0.0	0.0	1.851	0.0	0.0	2.145	0.0
36	15995	15996	SN	1	0.0	29.494	13.609	0.0	28.857	13.161	0.0	145.265	11.143	0.0	58.067	14.445	0.0	1.452	0.0	0.0	1.788	0.0	0.0	1.844	0.0	0.0	2.142	0.0
37	15996	15997	NS	1	0.0	270.657	10.196	0.0	29.93	14.193	0.0	358.048	9.555	0.0	41.804	12.238	0.0	1.421	0.0	0.0	1.777	0.0	0.0	1.842	0.0	0.0	2.136	0.0
38	15996	15997	SN	1	0.0	22.154	6.323	0.0	24.26	7.574	0.0	189.352	2.995	0.0	189.713	4.147	0.0	1.436	0.0	0.0	1.787	0.0	0.0	1.851	0.0	0.0	2.144	0.0
39	15996	15997	SN	1	0.0	29.643	13.568	0.0	27.376	13.202	0.0	148.607	11.136	0.0	168.679	14.445	0.0	1.452	0.0	0.0	1.785	0.0	0.0	1.844	0.0	0.0	2.142	0.0
40	15996	15997	SN	1	0.0	22.154	6.225	0.0	24.26	7.662	0.0	189.352	2.881	0.0	189.713	4.317	0.0	1.436	0.0	0.0	1.787	0.0	0.0	1.851	0.0	0.0	2.144	0.0
41	15996	15997	SN	1	0.0	29.643	13.673	0.0	25.805	12.622	0.0	148.607	11.453	0.0	168.679	13.693	0.0	1.452	0.0	0.0	1.785	0.0	0.0	1.844	0.0	0.0	2.142	0.0
42	15996	15997	NS	1	0.0	239.188	5.97	0.0	24.564	6.636	0.0	329.684	2.095	0.0	24.724	2.896	0.0	1.44	0.0	0.0	1.778	0.0	0.0	1.845	0.0	0.0	2.135	0.0
43	15997	15998	NS	1	0.0	258.166	10.169	0.0	29.991	14.271	0.0	263.576	9.611	0.0	36.487	12.306	0.0	1.421	0.0	0.0	1.779	0.0	0.0	1.845	0.0	0.0	2.136	0.0
44	15997	15998	SN	1	0.0	22.132	6.217	0.0	90.435	7.612	0.0	189.335	2.877	0.0	115.63	4.247	0.0	1.436	0.0	0.0	1.786	0.0	0.0	1.85	0.0	0.0	2.144	0.0
45	15997	15998	SN	1	0.722	29.423	13.609	0.0	27.36	13.088	0.0	146.677	11.134	0.0	73.206	14.465	0.004	1.452	0.0	0.0	1.788	0.0	0.0	1.848	0.0	0.0	2.143	0.0
46	15997	15998	SN	1	0.0	29.423	13.763	0.0	25.557	12.39	0.0	146.677	11.597	0.0	14.493	13.452	0.0	1.452	0.0	0.0	1.788	0.0	0.0	1.848	0.0	0.0	2.143	0.0
47	15997	15998	NS	1	0.0	217.771	5.988	0.0	24.569	6.651	0.0	318.704	2.105	0.0	46.607	2.907	0.0	1.441	0.0	0.0	1.778	0.0	0.0	1.846	0.0	0.0	2.136	0.0
48	15997	15998	SN	1	0.0	22.132	6.35	0.0	90.435	7.528	0.0	189.335	3.037	0.0	115.63	4.107	0.0	1.436	0.0	0.0	1.786	0.0	0.0	1.85	0.0	0.0	2.144	0.0
49	15998	15999	SN	1	0.739	29.472	13.619	0.0	27.36	13.128	0.0	142.883	11.084	0.0	68.265	14.522	0.001	1.451	0.0	0.0	1.788	0.0	0.0	1.852	0.0	0.0	2.144	0.0
50	15998	15999	SN	1	0.0	22.121	6.219	0.0	24.227	7.589	0.0	138.272	2.861	0.0	69.952	4.204	0.0	1.435	0.0	0.0	1.787	0.0	0.0	1.854	0.0	0.0	2.144	0.0
51	15998	15999	SN	1	0.0	22.121	6.215	0.0	24.227	7.589	0.0	138.355	2.866	0.0	69.947	4.21	0.0	1.435	0.0	0.0	1.787	0.0	0.0	1.854	0.0	0.0	2.144	0.0
52	15998	15999	NS	1	0.0	238.885	10.156	0.0	30.051	14.164	0.0	353.046	9.648	0.0	37.066	12.319	0.0	1.419	0.0	0.0	1.78	0.0	0.0	1.836	0.0	0.0	2.137	0.0
53	15998	15999	NS	1	0.0	269.256	10.179	0.0	30.051	14.21	0.0	353.046	9.583	0.0	53.374	12.334	0.0	1.419	0.0	0.0	1.779	0.0	0.0	1.844	0.0	0.0	2.136	0.0
54	15998	15999	NS	1	0.0	219.056	5.972	0.0	24.58	6.645	0.0	257.41	2.101	0.0	51.665	2.921	0.0	1.44	0.0	0.0	1.778	0.0	0.0	1.846	0.0	0.0	2.135	0.0
55	15998	15999	NS	1	0.0	264.009	5.964	0.0	24.569	6.623	0.0	351.49	2.097	0.0	52.144	2.932	0.0	1.44	0.0	0.0	1.778	0.0	0.0	1.846	0.0	0.0	2.135	0.0
56	15998	15999	SN	1	0.739	29.472	13.609	0.0	27.36	13.118	0.0	142.932	11.091	0.0	68.259	14.522	0.001	1.451	0.0	0.0	1.788	0.0	0.0	1.852	0.0	0.0	2.143	0.0
57	15999	16000	NS	1	0.0	41.674	10.146	0.0	30.073	14.204	0.0	132.914	9.641	0.0	37.849	12.319	0.0	1.417	0.0	0.0	1.779	0.0	0.0	1.835	0.0	0.0	2.133	0.0
58	15999	16000	NS	1	0.0	159.453	5.976	0.0	24.569	6.632	0.0	352.56	2.09	0.0	48.753	2.938	0.0	1.44	0.0	0.0	1.777	0.0	0.0	1.845	0.0	0.0	2.135	0.0
59	15999	16000	NS	1	0.0	159.453	5.976	0.0	24.569	6.632	0.0	352.56	2.09	0.0	48.753	2.938	0.0	1.44	0.0	0.0	1.777	0.0	0.0	1.845	0.0	0.0	2.135	0.0
60	15999	16000	SN	1	0.0	29.792	13.583	0.0	27.376	13.048	0.0	150.35	11.097	0.0	71.193	14.377	0.0	1.451	0.0	0.0	1.788	0.0	0.0	1.842	0.0	0.0	2.138	0.0
61	15999	16000	SN	1	0.0	22.126	6.211	0.0	24.266	7.61	0.0	150.394	2.853	0.0	63.318	4.28	0.0	1.435	0.0	0.0	1.786	0.0	0.0	1.855	0.0	0.0	2.143	0.0
62	15999	16000	NS	1	0.0	41.674	10.136	0.0	30.073	14.204	0.0	132.914	9.641	0.0	37.849	12.319	0.0	1.417	0.0	0.0	1.779	0.0	0.0	1.835	0.0	0.0	2.133	0.0
63	16000	16001	NS	1	0.0	254.277	5.985	0.0	24.569	6.649	0.0	309.361	2.088	0.0	60.444	2.935	0.0	1.439	0.0	0.0	1.777	0.0	0.0	1.845	0.0	0.0	2.134	0.0
64	16000	16001	NS	1	0.0	270.629	10.216	0.64	29.858	14.214	0.0	227.199	9.569	0.0	39.879	12.287	0.0	1.422	0.0	0.002	1.778	0.0	0.0	1.842	0.0	0.0	2.136	0.0
65	16000	16001	NS	1	0.0	270.629	10.216	0.64	29.858	14.214	0.0	227.199	9.569	0.0	39.879	12.287	0.0	1.422	0.0	0.002	1.778	0.0	0.0	1.842	0.0	0.0	2.136	0.0
66	16000	16001	NS	1	0.0	254.277	5.985	0.0	24.569	6.649	0.0	309.361	2.088	0.0	60.444	2.935	0.0	1.439	0.0	0.0	1.777	0.0	0.0	1.845	0.0	0.0	2.134	0.0
67	16000	16001	SN	1	0.0	29.599	13.589	0.0	27.376	13.112	0.0	153.135	11.101	0.0	258.43	14.438	0.0	1.451	0.0	0.0	1.785	0.0	0.0	1.847	0.0	0.0	2.143	0.0
68	16000	16001	SN	1	0.0	29.599	13.599	0.0	27.376	13.142	0.0	153.135	11.122	0.0	204.747	14.438	0.0	1.451	0.0	0.0	1.785	0.0	0.0	1.847	0.0	0.0	2.142	0.0

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

Normal
Deviations
Alarming
High Errors

69	16000	16001	SN	1	0.0	22.137	6.213	0.0	24.255	7.611	0.0	155.788	2.872	0.0	59.634	4.296	0.0	1.435	0.0	0.0	1.786	0.0	0.0	1.848	0.0	0.0	2.143	0.0
70	16000	16001	SN	1	0.0	22.137	6.218	0.0	24.255	7.606	0.0	155.788	2.881	0.0	60.69	4.29	0.0	1.435	0.0	0.0	1.786	0.0	0.0	1.848	0.0	0.0	2.143	0.0
71	16001	16002	NS	1	0.0	257.851	10.195	0.722	29.842	14.245	0.0	358.842	9.563	0.0	40.017	12.28	0.0	1.418	0.0	0.002	1.778	0.0	0.0	1.842	0.0	0.0	2.137	0.0
72	16001	16002	NS	1	0.0	257.851	10.202	0.722	29.842	14.063	0.0	358.842	9.73	0.0	17.791	12.052	0.0	1.418	0.0	0.002	1.778	0.0	0.0	1.842	0.0	0.0	2.137	0.0
73	16001	16002	NS	1	0.0	257.851	10.195	0.722	29.842	14.255	0.0	358.842	9.563	0.0	40.017	12.28	0.0	1.418	0.0	0.002	1.778	0.0	0.0	1.842	0.0	0.0	2.137	0.0
74	16001	16002	SN	1	0.0	29.693	13.518	0.0	54.144	13.203	0.0	147.747	11.115	0.0	243.981	14.438	0.0	1.45	0.0	0.0	1.786	0.0	0.0	1.846	0.0	0.0	2.142	0.0
75	16001	16002	SN	1	0.0	29.693	13.518	0.0	54.144	13.203	0.0	147.747	11.115	0.0	243.981	14.438	0.0	1.45	0.0	0.0	1.786	0.0	0.0	1.846	0.0	0.0	2.142	0.0
76	16001	16002	NS	1	0.0	269.113	6.038	0.0	24.575	6.646	0.0	352.389	2.133	0.0	12.161	2.86	0.0	1.439	0.0	0.0	1.778	0.0	0.0	1.844	0.0	0.0	2.134	0.0
77	16001	16002	NS	1	0.0	269.113	5.968	0.0	24.575	6.64	0.0	352.389	2.097	0.0	37.303	2.925	0.0	1.439	0.0	0.0	1.778	0.0	0.0	1.844	0.0	0.0	2.134	0.0
78	16001	16002	NS	1	0.0	269.113	5.971	0.0	24.575	6.64	0.0	352.389	2.097	0.0	37.303	2.925	0.0	1.439	0.0	0.0	1.778	0.0	0.0	1.844	0.0	0.0	2.134	0.0
79	16001	16002	SN	1	0.0	22.137	6.221	0.0	24.255	7.636	0.0	149.506	2.878	0.0	250.114	4.319	0.0	1.435	0.0	0.0	1.787	0.0	0.0	1.848	0.0	0.0	2.143	0.0
80	16001	16002	SN	1	0.0	22.137	6.221	0.0	24.255	7.636	0.0	149.506	2.88	0.0	250.114	4.319	0.0	1.435	0.0	0.0	1.787	0.0	0.0	1.848	0.0	0.0	2.143	0.0
81	16002	16003	SN	1	0.0	29.56	13.528	0.0	27.376	13.122	0.0	141.548	11.115	0.0	286.987	14.403	0.0	1.451	0.0	0.0	1.785	0.0	0.0	1.845	0.0	0.0	2.143	0.0
82	16002	16003	NS	1	0.0	25.981	10.202	0.0	29.941	14.19	0.0	137.547	9.546	0.0	35.379	12.357	0.0	1.418	0.0	0.0	1.779	0.0	0.0	1.842	0.0	0.0	2.136	0.0
83	16002	16003	NS	1	0.0	25.474	5.996	0.0	24.569	6.666	0.0	128.392	2.119	0.0	18.238	2.909	0.0	1.44	0.0	0.0	1.778	0.0	0.0	1.846	0.0	0.0	2.136	0.0
84	16002	16003	NS	1	0.0	25.474	5.981	0.0	24.569	6.661	0.0	128.392	2.11	0.0	66.086	2.931	0.0	1.44	0.0	0.0	1.778	0.0	0.0	1.846	0.0	0.0	2.136	0.0
85	16002	16003	NS	1	0.0	25.474	5.981	0.0	24.569	6.661	0.0	128.392	2.11	0.0	66.086	2.931	0.0	1.44	0.0	0.0	1.778	0.0	0.0	1.846	0.0	0.0	2.136	0.0
86	16002	16003	NS	1	0.0	25.981	10.207	0.0	29.842	14.165	0.0	137.547	9.583	0.0	28.419	12.317	0.0	1.418	0.0	0.0	1.779	0.0	0.0	1.842	0.0	0.0	2.136	0.0
87	16002	16003	SN	1	0.0	22.126	6.218	0.0	87.427	7.629	0.0	142.794	2.837	0.0	284.152	4.285	0.0	1.435	0.0	0.0	1.786	0.0	0.0	1.848	0.0	0.0	2.142	0.0
88	16002	16003	SN	1	0.0	22.126	6.218	0.0	87.427	7.629	0.0	142.794	2.837	0.0	284.152	4.283	0.0	1.435	0.0	0.0	1.786	0.0	0.0	1.848	0.0	0.0	2.142	0.0
89	16002	16003	NS	1	0.0	25.981	10.202	0.0	29.941	14.19	0.0	137.547	9.546	0.0	35.379	12.357	0.0	1.418	0.0	0.0	1.779	0.0	0.0	1.842	0.0	0.0	2.136	0.0
90	16002	16003	SN	1	0.0	29.56	13.528	0.0	27.376	13.122	0.0	141.548	11.108	0.0	286.987	14.41	0.0	1.451	0.0	0.0	1.785	0.0	0.0	1.845	0.0	0.0	2.143	0.0
91	16003	16004	NS	1	0.0	96.281	6.272	0.0	24.569	6.771	0.0	319.095	2.349	0.0	12.762	3.031	0.0	1.44	0.0	0.0	1.778	0.0	0.0	1.846	0.0	0.0	2.136	0.0
92	16003	16004	NS	1	0.0	96.281	5.993	0.0	24.569	6.667	0.0	319.095	2.132	0.0	40.53	2.942	0.0	1.44	0.0	0.0	1.778	0.0	0.0	1.846	0.0	0.0	2.136	0.0
93	16003	16004	NS	1	0.0	96.281	5.993	0.0	24.569	6.667	0.0	319.095	2.132	0.0	40.535	2.944	0.0	1.44	0.0	0.0	1.778	0.0	0.0	1.846	0.0	0.0	2.136	0.0
94	16003	16004	SN	1	0.728	29.428	13.629	0.0	127.438	13.217	0.0	144.074	11.069	0.0	112.856	14.456	0.107	1.451	0.0	0.0	1.787	0.0	0.0	1.846	0.0	0.0	2.143	0.0
95	16003	16004	SN	1	0.728	29.428	13.629	0.0	127.438	13.217	0.0	144.074	11.069	0.0	112.856	14.456	0.107	1.451	0.0	0.0	1.787	0.0	0.0	1.846	0.0	0.0	2.143	0.0
96	16003	16004	NS	1	0.75	149.823	10.24	0.0	29.991	14.241	0.0	217.084	9.602	0.0	36.432	12.342	0.105	1.418	0.0	0.0	1.779	0.0	0.0	1.843	0.0	0.0	2.137	0.0
97	16003	16004	SN	1	0.0	22.121	6.217	0.0	235.758	7.618	0.0	146.5	2.869	0.0	111.615	4.273	0.0	1.436	0.0	0.0	1.786	0.0	0.0	1.848	0.0	0.0	2.142	0.0
98	16003	16004	SN	1	0.0	22.121	6.217	0.0	235.758	7.618	0.0	146.5	2.869	0.0	111.615	4.273	0.0	1.436	0.0	0.0	1.786	0.0	0.0	1.848	0.0	0.0	2.142	0.0
99	16003	16004	NS	1	0.75	149.823	10.24	0.0	29.991	14.241	0.0	217.084	9.602	0.0	36.438	12.342	0.105	1.418	0.0	0.0	1.779	0.0	0.0	1.843	0.0	0.0	2.137	0.0
100	16003	16004	NS	1	0.0	149.823	10.443	0.0	29.842	13.56	0.0	217.084	10.525	0.0	13.131	11.612	0.0	1.418	0.0	0.0	1.779	0.0	0.0	1.843	0.0	0.0	2.137	0.0
101	16004	16005	NS	1	0.0	38.373	10.177	0.0	64.867	14.204	0.0	353.156	9.684	0.0	124.766	12.497	0.0	1.417	0.0	0.0	1.781	0.0	0.0	1.845	0.0	0.0	2.134	0.0
102	16004	16005	NS	1	0.0	38.384	5.984	0.0	102.347	6.685	0.0	352.224	2.12	0.0	124.551	2.991	0.0	1.441	0.0	0.0	1.778	0.0	0.0	1.846	0.0	0.0	2.137	0.0
103	16004	16005	NS	1	0.717	38.39	10.197	0.0	64.867	14.245	0.0	353.156	9.655	0.0	124.76	12.497	0.104	1.417	0.0	0.0	1.781	0.0	0.0	1.845	0.0	0.0	2.134	0.0
104	16004	16005	SN	1	0.0	22.126	6.198	0.0	228.415	7.626	0.0	151.172	2.839	0.0	49.188	4.231	0.0	1.435	0.0	0.0	1.786	0.0	0.0	1.853	0.0	0.0	2.142	0.0
105	16004	16005	SN	1	0.0	29.566	13.646	0.0	37.659	13.099	0.0	150.675	11.091	0.0	65.066	14.385	0.0	1.452	0.0	0.0	1.788	0.0	0.0	1.847	0.0	0.0	2.141	0.0

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

Normal
Deviations
Alarming
High Errors

106	16004	16005	NS	1	0.0	38.384	5.988	0.0	102.347	6.685	0.0	352.224	2.12	0.0	124.551	2.995	0.0	1.44	0.0	0.0	1.778	0.0	0.0	1.846	0.0	0.0	2.137	0.0
107	16004	16005	NS	1	0.0	38.384	6.444	0.0	102.347	6.991	0.0	352.224	2.489	0.0	124.551	3.28	0.0	1.44	0.0	0.0	1.778	0.0	0.0	1.846	0.0	0.0	2.137	0.0
108	16004	16005	SN	1	0.0	29.566	13.778	0.0	37.659	12.516	0.0	150.675	11.442	0.0	14.488	13.565	0.0	1.452	0.0	0.0	1.788	0.0	0.0	1.847	0.0	0.0	2.141	0.0
109	16004	16005	NS	1	0.0	38.39	10.509	0.0	64.867	13.484	0.0	353.156	11.241	0.0	124.76	12.0	0.0	1.417	0.0	0.0	1.781	0.0	0.0	1.845	0.0	0.0	2.134	0.0
110	16004	16005	SN	1	0.0	22.126	6.304	0.0	228.415	7.546	0.0	151.172	2.96	0.0	14.201	4.079	0.0	1.435	0.0	0.0	1.786	0.0	0.0	1.853	0.0	0.0	2.142	0.0
111	16005	16006	SN	1	0.0	22.126	6.269	0.0	128.742	7.588	0.0	151.271	2.937	0.0	70.719	4.141	0.0	1.435	0.0	0.0	1.787	0.0	0.0	1.853	0.0	0.0	2.144	0.0
112	16005	16006	SN	1	0.673	29.461	13.771	0.0	238.339	12.834	0.0	152.936	11.264	0.0	70.719	14.039	0.004	1.451	0.0	0.0	1.789	0.0	0.0	1.847	0.0	0.0	2.142	0.0
113	16005	16006	NS	1	0.0	26.433	10.177	0.0	30.062	14.235	0.0	137.324	9.641	0.0	38.561	12.39	0.0	1.419	0.0	0.0	1.78	0.0	0.0	1.837	0.0	0.0	2.134	0.0
114	16005	16006	NS	1	0.0	26.433	10.177	0.0	30.062	14.235	0.0	137.324	9.641	0.0	38.561	12.39	0.0	1.419	0.0	0.0	1.78	0.0	0.0	1.837	0.0	0.0	2.134	0.0
115	16005	16006	SN	1	0.0	29.461	13.734	0.0	238.339	13.099	0.0	152.936	11.146	0.0	72.759	14.448	0.0	1.451	0.0	0.0	1.789	0.0	0.0	1.847	0.0	0.0	2.142	0.0
116	16005	16006	SN	1	0.0	29.461	13.734	0.0	238.339	13.099	0.0	152.936	11.146	0.0	72.765	14.448	0.0	1.451	0.0	0.0	1.789	0.0	0.0	1.847	0.0	0.0	2.142	0.0
117	16005	16006	NS	1	0.0	25.507	5.994	0.0	24.569	6.679	0.0	347.652	2.119	0.0	45.091	2.963	0.0	1.441	0.0	0.0	1.779	0.0	0.0	1.847	0.0	0.0	2.136	0.0
118	16005	16006	NS	1	0.0	25.507	5.994	0.0	24.569	6.679	0.0	347.652	2.117	0.0	45.091	2.961	0.0	1.441	0.0	0.0	1.779	0.0	0.0	1.847	0.0	0.0	2.136	0.0
119	16006	16007	SN	1	0.0	22.137	6.237	0.0	24.26	7.618	0.0	152.319	2.935	0.0	14.196	4.213	0.0	1.436	0.0	0.0	1.788	0.0	0.0	1.852	0.0	0.0	2.145	0.0
120	16006	16007	SN	1	0.0	22.137	6.221	0.0	24.26	7.636	0.0	152.319	2.915	0.0	61.448	4.294	0.0	1.436	0.0	0.0	1.788	0.0	0.0	1.852	0.0	0.0	2.145	0.0
121	16006	16007	NS	1	0.0	91.701	10.125	0.0	29.897	14.158	0.0	357.027	9.571	0.0	39.769	12.258	0.0	1.419	0.0	0.0	1.779	0.0	0.0	1.843	0.0	0.0	2.137	0.0
122	16006	16007	SN	1	0.0	22.137	6.237	0.0	24.26	7.618	0.0	152.319	2.935	0.0	14.196	4.213	0.0	1.436	0.0	0.0	1.788	0.0	0.0	1.852	0.0	0.0	2.145	0.0
123	16006	16007	SN	1	0.0	30.344	13.62	0.667	27.376	13.123	0.0	151.105	11.179	0.0	135.371	14.431	0.0	1.454	0.0	0.002	1.786	0.0	0.0	1.846	0.0	0.0	2.143	0.0
124	16006	16007	NS	1	0.0	41.674	10.125	0.0	29.891	14.158	0.0	357.022	9.578	0.0	39.774	12.272	0.0	1.419	0.0	0.0	1.779	0.0	0.0	1.843	0.0	0.0	2.137	0.0
125	16006	16007	SN	1	0.0	30.344	13.63	0.667	27.376	13.012	0.0	151.105	11.246	0.0	135.371	14.243	0.0	1.454	0.0	0.002	1.786	0.0	0.0	1.846	0.0	0.0	2.143	0.0
126	16006	16007	SN	1	0.0	30.344	13.633	0.667	27.376	12.963	0.0	151.105	11.246	0.0	135.371	14.2	0.0	1.454	0.0	0.002	1.786	0.0	0.0	1.846	0.0	0.0	2.143	0.0
127	16006	16007	NS	1	0.0	153.88	5.975	0.0	24.569	6.655	0.0	358.721	2.097	0.0	37.017	2.905	0.0	1.442	0.0	0.0	1.778	0.0	0.0	1.846	0.0	0.0	2.135	0.0
128	16006	16007	NS	1	0.0	236.53	5.978	0.0	24.569	6.664	0.0	358.709	2.099	0.0	37.028	2.903	0.0	1.442	0.0	0.0	1.778	0.0	0.0	1.846	0.0	0.0	2.135	0.0
129	16007	16008	SN	1	0.0	22.148	6.245	0.0	24.249	7.601	0.0	173.022	2.924	0.0	14.201	4.258	0.0	1.438	0.0	0.0	1.788	0.0	0.0	1.852	0.0	0.0	2.146	0.0
130	16007	16008	SN	1	0.0	29.5	13.603	0.667	27.376	12.924	0.0	155.363	11.214	0.0	18.635	14.143	0.0	1.455	0.0	0.002	1.786	0.0	0.0	1.846	0.0	0.0	2.143	0.0
131	16007	16008	NS	1	0.0	157.34	5.953	0.0	24.575	6.63	0.0	352.786	2.087	0.0	38.026	2.877	0.0	1.442	0.0	0.0	1.778	0.0	0.0	1.846	0.0	0.0	2.134	0.0
132	16007	16008	NS	1	0.0	25.992	10.135	0.0	29.93	14.149	0.0	357.138	9.592	0.0	40.651	12.208	0.0	1.42	0.0	0.0	1.779	0.0	0.0	1.841	0.0	0.0	2.137	0.0
133	16007	16008	SN	1	0.0	29.5	13.578	0.667	27.376	13.113	0.0	155.363	11.13	0.0	59.082	14.424	0.0	1.455	0.0	0.002	1.786	0.0	0.0	1.846	0.0	0.0	2.143	0.0
134	16008	16009	NS	1	0.0	155.446	5.902	0.0	24.564	6.755	0.0	11.763	1.866	0.0	45.692	3.064	0.0	1.443	0.0	0.0	1.777	0.0	0.0	1.844	0.0	0.0	2.133	0.0
135	16008	16009	NS	1	0.0	270.629	9.464	0.0	30.117	14.379	0.0	13.23	8.316	0.0	66.809	12.871	0.0	1.42	0.0	0.0	1.779	0.0	0.0	1.835	0.0	0.0	2.133	0.0
136	16008	16009	NS	1	0.0	155.44	5.952	0.0	24.564	6.638	0.0	304.933	2.084	0.0	23.295	2.873	0.0	1.443	0.0	0.0	1.777	0.0	0.0	1.844	0.0	0.0	2.135	0.0
137	16008	16009	SN	1	0.739	29.4	13.639	0.0	27.371	13.134	0.0	180.522	11.153	0.0	225.732	14.498	0.002	1.452	0.0	0.0	1.787	0.0	0.0	1.85	0.0	0.0	2.142	0.0
138	16008	16009	SN	1	0.0	22.137	6.26	0.0	24.244	7.578	0.0	177.6	2.975	0.0	72.354	4.221	0.0	1.436	0.0	0.0	1.788	0.0	0.0	1.853	0.0	0.0	2.145	0.0
139	16008	16009	SN	1	0.0	29.4	13.68	0.0	27.371	12.87	0.0	180.522	11.281	0.0	225.732	14.068	0.0	1.452	0.0	0.0	1.787	0.0	0.0	1.85	0.0	0.0	2.142	0.0
140	16008	16009	NS	1	0.75	270.651	10.23	0.0	29.957	14.161	0.0	135.38	9.581	0.0	35.671	12.194	0.105	1.419	0.0	0.0	1.779	0.0	0.0	1.843	0.0	0.0	2.137	0.0
141	16009	16010	NS	1	0.75	270.646	10.199	0.0	29.98	14.201	0.0	330.991	9.531	0.0	36.564	12.208	0.002	1.422	0.0	0.0	1.779	0.0	0.0	1.843	0.0	0.0	2.137	0.0
142	16009	16010	NS	1	0.75	270.646	10.199	0.0	29.98	14.232	0.0	330.986	9.531	0.0	36.564	12.222	0.002	1.422	0.0	0.0	1.779	0.0	0.0	1.843	0.0	0.0	2.137	0.0

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

Normal
Deviations
Alarming
High Errors

143	16009	16010	SN	1	0.0	22.126	6.275	0.0	24.255	7.553	0.0	175.366	2.993	0.0	43.764	4.179	0.0	1.437	0.0	0.0	1.788	0.0	0.0	1.851	0.0	0.0	2.144	0.0
144	16009	16010	SN	1	0.0	29.373	13.695	0.0	27.371	12.692	0.0	173.695	11.347	0.0	17.441	13.879	0.0	1.453	0.0	0.0	1.786	0.0	0.0	1.85	0.0	0.0	2.143	0.0
145	16009	16010	NS	1	0.0	155.451	5.954	0.0	24.558	6.649	0.0	317.386	2.092	0.0	40.684	2.878	0.0	1.443	0.0	0.0	1.777	0.0	0.0	1.846	0.0	0.0	2.135	0.0
146	16009	16010	SN	1	0.0	29.373	13.63	0.0	27.371	13.155	0.0	173.695	11.143	0.0	67.906	14.455	0.0	1.453	0.0	0.0	1.786	0.0	0.0	1.85	0.0	0.0	2.143	0.0
147	16009	16010	NS	1	0.0	155.451	5.952	0.0	24.558	6.64	0.0	317.408	2.087	0.0	40.695	2.875	0.0	1.443	0.0	0.0	1.777	0.0	0.0	1.846	0.0	0.0	2.135	0.0
148	16010	16011	SN	1	0.0	29.538	13.749	0.0	153.722	12.623	0.0	192.54	11.523	0.0	158.145	13.775	0.0	1.453	0.0	0.0	1.79	0.0	0.0	1.846	0.0	0.0	2.143	0.0
149	16010	16011	SN	1	0.0	22.115	6.315	0.0	161.223	7.554	0.0	190.847	3.008	0.0	157.037	4.105	0.0	1.437	0.0	0.0	1.788	0.0	0.0	1.855	0.0	0.0	2.144	0.0
150	16010	16011	NS	1	0.717	204.278	10.228	0.0	29.996	14.207	0.0	350.696	9.634	0.0	37.546	12.298	0.077	1.421	0.0	0.0	1.78	0.0	0.0	1.837	0.0	0.0	2.135	0.0
151	16010	16011	NS	1	0.717	204.262	10.238	0.0	29.991	14.207	0.0	351.915	9.599	0.0	37.541	12.312	0.077	1.42	0.0	0.0	1.779	0.0	0.0	1.833	0.0	0.0	2.135	0.0
152	16010	16011	NS	1	0.0	158.396	5.984	0.0	24.58	6.692	0.0	332.359	2.088	0.0	39.675	2.911	0.0	1.442	0.0	0.0	1.777	0.0	0.0	1.845	0.0	0.0	2.134	0.0
153	16010	16011	NS	1	0.0	158.396	5.987	0.0	24.58	6.679	0.0	332.386	2.092	0.0	39.686	2.906	0.0	1.442	0.0	0.0	1.777	0.0	0.0	1.845	0.0	0.0	2.135	0.0
154	16010	16011	SN	1	0.0	29.538	13.646	0.0	153.722	13.13	0.0	192.54	11.233	0.0	158.145	14.456	0.0	1.453	0.0	0.0	1.79	0.0	0.0	1.846	0.0	0.0	2.143	0.0
155	16011	16012	NS	1	0.717	25.981	10.207	0.0	30.035	14.268	0.0	350.591	9.634	0.0	34.678	12.376	0.008	1.42	0.0	0.0	1.78	0.0	0.0	1.832	0.0	0.0	2.133	0.0
156	16011	16012	SN	1	0.0	29.389	13.719	0.0	25.634	12.496	0.0	149.683	11.584	0.0	14.493	13.611	0.0	1.454	0.0	0.0	1.79	0.0	0.0	1.848	0.0	0.0	2.143	0.0
157	16011	16012	SN	1	0.0	29.389	13.593	0.0	27.376	13.089	0.0	149.683	11.21	0.0	69.119	14.442	0.0	1.454	0.0	0.0	1.79	0.0	0.0	1.848	0.0	0.0	2.143	0.0
158	16011	16012	NS	1	0.0	25.485	5.971	0.0	24.564	6.681	0.0	317.534	2.111	0.0	45.604	2.945	0.0	1.443	0.0	0.0	1.777	0.0	0.0	1.845	0.0	0.0	2.135	0.0
159	16011	16012	NS	1	0.0	25.485	5.98	0.0	24.569	6.683	0.0	317.507	2.108	0.0	45.587	2.94	0.0	1.443	0.0	0.0	1.777	0.0	0.0	1.845	0.0	0.0	2.135	0.0
160	16011	16012	NS	1	0.717	25.981	10.187	0.0	30.035	14.268	0.0	350.586	9.641	0.0	38.715	12.369	0.008	1.42	0.0	0.0	1.78	0.0	0.0	1.832	0.0	0.0	2.133	0.0
161	16011	16012	SN	1	0.0	22.121	6.349	0.0	24.255	7.513	0.0	150.863	3.007	0.0	14.196	4.106	0.0	1.437	0.0	0.0	1.788	0.0	0.0	1.856	0.0	0.0	2.144	0.0
162	16012	16013	SN	1	0.0	29.472	13.818	0.673	28.852	12.323	0.0	148.111	11.661	0.0	220.515	13.351	0.0	1.456	0.0	0.002	1.786	0.0	0.0	1.84	0.0	0.0	2.143	0.0
163	16012	16013	SN	1	0.0	29.472	13.619	0.673	28.852	13.083	0.0	148.111	11.123	0.0	220.515	14.445	0.0	1.456	0.0	0.002	1.786	0.0	0.0	1.84	0.0	0.0	2.143	0.0
164	16012	16013	SN	1	0.0	22.132	6.232	0.0	24.227	7.599	0.0	146.991	2.894	0.0	207.48	4.184	0.0	1.437	0.0	0.0	1.787	0.0	0.0	1.85	0.0	0.0	2.144	0.0
165	16012	16013	SN	1	0.0	22.132	6.387	0.0	24.227	7.547	0.0	146.991	3.07	0.0	207.48	4.068	0.0	1.437	0.0	0.0	1.787	0.0	0.0	1.85	0.0	0.0	2.144	0.0
166	16012	16013	NS	1	0.0	151.527	10.196	0.0	29.886	14.178	0.0	358.781	9.629	0.0	36.338	12.315	0.0	1.422	0.0	0.0	1.78	0.0	0.0	1.839	0.0	0.0	2.136	0.0
167	16012	16013	SN	1	0.0	29.472	13.619	0.673	28.852	13.083	0.0	148.111	11.123	0.0	220.515	14.445	0.0	1.456	0.0	0.002	1.786	0.0	0.0	1.84	0.0	0.0	2.143	0.0
168	16012	16013	NS	1	0.0	236.696	5.987	0.0	24.586	6.676	0.0	349.494	2.094	0.0	22.893	2.94	0.0	1.442	0.0	0.0	1.778	0.0	0.0	1.845	0.0	0.0	2.135	0.0
169	16012	16013	NS	1	0.0	167.438	5.978	0.0	24.586	6.669	0.0	317.005	2.088	0.0	22.898	2.944	0.0	1.442	0.0	0.0	1.778	0.0	0.0	1.845	0.0	0.0	2.135	0.0
170	16012	16013	NS	1	0.0	213.014	10.186	0.0	29.886	14.178	0.0	358.781	9.636	0.0	36.327	12.357	0.0	1.422	0.0	0.0	1.78	0.0	0.0	1.837	0.0	0.0	2.136	0.0
171	16013	16014	SN	1	0.0	29.456	13.6	0.667	27.371	13.093	0.0	145.629	11.187	0.0	173.742	14.474	0.0	1.453	0.0	0.002	1.785	0.0	0.0	1.838	0.0	0.0	2.142	0.0
172	16013	16014	NS	1	0.0	220.393	10.135	0.0	29.924	14.18	0.0	357.143	9.6	0.0	37.11	12.364	0.0	1.42	0.0	0.0	1.78	0.0	0.0	1.84	0.0	0.0	2.136	0.0
173	16013	16014	NS	1	0.0	101.694	5.974	0.0	24.575	6.685	0.0	141.747	2.097	0.0	38.748	2.926	0.0	1.443	0.0	0.0	1.778	0.0	0.0	1.847	0.0	0.0	2.135	0.0
174	16013	16014	SN	1	0.0	22.132	6.212	0.0	24.227	7.583	0.0	142.706	2.834	0.0	72.649	4.238	0.0	1.437	0.0	0.0	1.786	0.0	0.0	1.854	0.0	0.0	2.144	0.0
175	16014	16015	SN	1	0.739	29.456	13.659	0.0	27.371	13.123	0.0	145.811	11.062	0.0	73.498	14.517	0.001	1.454	0.0	0.0	1.786	0.0	0.0	1.834	0.0	0.0	2.144	0.0
176	16014	16015	NS	1	0.0	159.453	5.98	0.0	24.569	6.675	0.0	307.983	2.087	0.0	63.919	2.96	0.0	1.441	0.0	0.0	1.777	0.0	0.0	1.845	0.0	0.0	2.135	0.0
177	16014	16015	NS	1	0.0	57.397	10.234	0.0	29.941	14.273	0.0	134.789	9.612	0.0	36.101	12.373	0.0	1.42	0.0	0.0	1.778	0.0	0.0	1.841	0.0	0.0	2.137	0.0
178	16015	16016	SN	1	0.739	29.389	13.649	0.0	27.371	13.153	0.0	154.073	11.111	0.0	68.463	14.475	0.004	1.454	0.0	0.0	1.785	0.0	0.0	1.833	0.0	0.0	2.144	0.0
179	16015	16016	NS	1	0.711	55.158	10.187	0.0	29.853	14.274	0.0	350.277	9.675	0.0	27.338	12.359	0.001	1.42	0.0	0.0	1.78	0.0	0.0	1.836	0.0	0.0	2.134	0.0

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

Normal
Deviations
Alarming
High Errors

180	16015	16016	NS	1	0.717	55.158	10.187	0.0	29.853	14.299	0.0	350.277	9.626	0.0	33.664	12.406	0.01	1.42	0.0	0.0	1.78	0.0	0.0	1.836	0.0	0.0	2.134	0.0
181	16015	16016	SN	1	0.722	29.389	13.629	0.0	27.376	13.143	0.0	154.001	11.147	0.0	68.485	14.475	0.004	1.454	0.0	0.0	1.785	0.0	0.0	1.833	0.0	0.0	2.144	0.0
182	16015	16016	NS	1	0.717	55.158	10.187	0.0	29.853	14.299	0.0	350.277	9.626	0.0	33.664	12.406	0.01	1.42	0.0	0.0	1.78	0.0	0.0	1.836	0.0	0.0	2.134	0.0
183	16015	16016	NS	1	0.0	95.944	6.001	0.0	24.569	6.705	0.0	350.205	2.111	0.0	17.918	2.932	0.0	1.444	0.0	0.0	1.778	0.0	0.0	1.845	0.0	0.0	2.134	0.0
184	16015	16016	NS	1	0.0	95.944	5.979	0.0	24.569	6.698	0.0	350.205	2.101	0.0	56.424	2.966	0.0	1.444	0.0	0.0	1.778	0.0	0.0	1.845	0.0	0.0	2.134	0.0
185	16015	16016	NS	1	0.0	95.944	5.977	0.0	24.569	6.698	0.0	350.205	2.101	0.0	56.424	2.966	0.0	1.444	0.0	0.0	1.778	0.0	0.0	1.845	0.0	0.0	2.134	0.0
186	16016	16017	SN	1	0.0	29.45	13.588	0.0	37.665	13.13	0.0	147.697	11.128	0.0	104.308	14.371	0.0	1.454	0.0	0.0	1.789	0.0	0.0	1.846	0.0	0.0	2.145	0.0
187	16016	16017	NS	1	0.0	211.74	10.176	0.0	30.002	14.278	0.0	210.29	9.662	0.0	34.458	12.463	0.0	1.42	0.0	0.0	1.78	0.0	0.0	1.834	0.0	0.0	2.134	0.0
188	16016	16017	NS	1	0.0	104.007	5.991	0.0	24.58	6.697	0.0	317.518	2.111	0.0	44.219	2.949	0.0	1.442	0.0	0.0	1.778	0.0	0.0	1.845	0.0	0.0	2.135	0.0
189	16016	16017	NS	1	0.0	104.007	6.098	0.0	24.58	6.716	0.0	317.518	2.179	0.0	12.74	2.877	0.0	1.442	0.0	0.0	1.778	0.0	0.0	1.845	0.0	0.0	2.135	0.0
190	16016	16017	NS	1	0.0	211.74	10.21	0.0	29.853	13.915	0.0	210.29	9.967	0.0	14.361	12.069	0.0	1.42	0.0	0.0	1.78	0.0	0.0	1.834	0.0	0.0	2.134	0.0
191	16016	16017	NS	1	0.717	211.74	10.177	0.0	30.002	14.278	0.0	210.29	9.662	0.0	34.463	12.463	0.104	1.42	0.0	0.0	1.78	0.0	0.0	1.834	0.0	0.0	2.134	0.0
192	16016	16017	NS	1	0.0	104.007	5.991	0.0	24.58	6.697	0.0	317.518	2.113	0.0	44.236	2.951	0.0	1.442	0.0	0.0	1.778	0.0	0.0	1.845	0.0	0.0	2.135	0.0
193	16016	16017	SN	1	0.0	29.45	13.588	0.0	37.665	13.13	0.0	147.697	11.128	0.0	104.308	14.371	0.0	1.454	0.0	0.0	1.789	0.0	0.0	1.846	0.0	0.0	2.145	0.0
194	16017	16018	NS	1	0.0	25.501	6.215	0.0	24.569	6.769	0.0	358.616	2.265	0.0	12.756	2.965	0.0	1.443	0.0	0.0	1.778	0.0	0.0	1.847	0.0	0.0	2.136	0.0
195	16017	16018	NS	1	0.0	26.544	10.273	0.0	29.847	13.633	0.0	253.698	10.299	0.0	13.319	11.774	0.0	1.421	0.0	0.0	1.78	0.0	0.0	1.836	0.0	0.0	2.135	0.0
196	16017	16018	SN	1	0.0	29.384	13.599	0.0	27.376	13.13	0.0	157.47	11.17	0.0	94.414	14.436	0.0	1.455	0.0	0.0	1.789	0.0	0.0	1.844	0.0	0.0	2.145	0.0
197	16017	16018	SN	1	0.0	29.384	13.609	0.0	27.376	13.14	0.0	157.541	11.177	0.0	64.117	14.429	0.0	1.454	0.0	0.0	1.788	0.0	0.0	1.846	0.0	0.0	2.145	0.0
198	16017	16018	NS	1	0.0	26.544	10.142	0.0	29.847	14.206	0.0	253.698	9.625	0.0	35.743	12.385	0.0	1.421	0.0	0.0	1.78	0.0	0.0	1.836	0.0	0.0	2.135	0.0
199	16017	16018	NS	1	0.0	25.501	5.996	0.0	24.569	6.699	0.0	358.616	2.109	0.0	56.374	2.963	0.0	1.443	0.0	0.0	1.778	0.0	0.0	1.847	0.0	0.0	2.136	0.0
200	16017	16018	NS	1	0.0	25.501	5.996	0.0	24.569	6.699	0.0	358.616	2.109	0.0	56.374	2.963	0.0	1.443	0.0	0.0	1.778	0.0	0.0	1.847	0.0	0.0	2.136	0.0
201	16017	16018	NS	1	0.0	26.544	10.142	0.0	29.847	14.206	0.0	253.698	9.625	0.0	35.743	12.385	0.0	1.421	0.0	0.0	1.78	0.0	0.0	1.836	0.0	0.0	2.135	0.0
202	16018	16019	SN	1	0.0	71.535	13.599	0.667	58.52	13.093	0.0	146.429	11.214	0.0	138.782	14.418	0.0	1.456	0.0	0.002	1.787	0.0	0.0	1.848	0.0	0.0	2.141	0.0
203	16018	16019	SN	1	0.0	71.535	6.236	0.0	58.459	7.618	0.0	144.085	2.865	0.0	208.889	4.245	0.0	1.438	0.0	0.0	1.787	0.0	0.0	1.85	0.0	0.0	2.143	0.0
204	16018	16019	NS	1	0.0	235.372	6.001	0.0	24.569	6.696	0.0	352.632	2.101	0.0	38.258	2.976	0.0	1.443	0.0	0.0	1.778	0.0	0.0	1.847	0.0	0.0	2.137	0.0
205	16018	16019	NS	1	0.0	161.548	10.188	0.0	29.902	14.196	0.0	358.235	9.658	0.0	36.763	12.442	0.0	1.421	0.0	0.0	1.781	0.0	0.0	1.835	0.0	0.0	2.134	0.0
206	16018	16019	NS	1	0.0	161.548	10.187	0.0	29.897	14.196	0.0	358.235	9.651	0.0	36.752	12.442	0.0	1.421	0.0	0.0	1.781	0.0	0.0	1.835	0.0	0.0	2.134	0.0
207	16018	16019	SN	1	0.0	71.535	13.768	0.667	58.52	12.418	0.0	146.429	11.669	0.0	138.782	13.416	0.0	1.456	0.0	0.002	1.787	0.0	0.0	1.848	0.0	0.0	2.141	0.0
208	16018	16019	SN	1	0.0	71.535	6.236	0.0	58.459	7.618	0.0	144.085	2.865	0.0	208.889	4.245	0.0	1.438	0.0	0.0	1.787	0.0	0.0	1.85	0.0	0.0	2.143	0.0
209	16018	16019	NS	1	0.0	235.372	6.368	0.0	24.569	6.882	0.0	352.632	2.386	0.0	12.74	3.158	0.0	1.443	0.0	0.0	1.778	0.0	0.0	1.847	0.0	0.0	2.137	0.0
210	16018	16019	NS	1	0.0	235.372	6.003	0.0	24.569	6.703	0.0	352.632	2.099	0.0	38.23	2.978	0.0	1.443	0.0	0.0	1.778	0.0	0.0	1.847	0.0	0.0	2.137	0.0
211	16018	16019	SN	1	0.0	71.535	6.373	0.0	58.459	7.549	0.0	144.085	3.009	0.0	208.889	4.124	0.0	1.438	0.0	0.0	1.787	0.0	0.0	1.85	0.0	0.0	2.143	0.0
212	16018	16019	SN	1	0.0	71.535	13.599	0.667	58.52	13.093	0.0	146.429	11.214	0.0	138.782	14.418	0.0	1.456	0.0	0.002	1.787	0.0	0.0	1.848	0.0	0.0	2.141	0.0
213	16018	16019	NS	1	0.0	161.548	10.481	0.0	29.847	13.485	0.0	358.235	10.893	0.0	13.407	11.78	0.0	1.421	0.0	0.0	1.781	0.0	0.0	1.835	0.0	0.0	2.134	0.0
214	16019	16020	NS	1	0.0	211.426	10.167	0.0	29.941	14.196	0.0	357.11	9.629	0.0	45.83	12.449	0.0	1.422	0.0	0.0	1.78	0.0	0.0	1.835	0.0	0.0	2.137	0.0
215	16019	16020	NS	1	0.0	200.79	6.001	0.0	24.575	6.692	0.0	347.641	2.104	0.0	46.287	2.946	0.0	1.443	0.0	0.0	1.778	0.0	0.0	1.847	0.0	0.0	2.137	0.0
216	16019	16020	NS	1	0.0	265.037	6.008	0.0	24.575	6.691	0.0	347.448	2.102	0.0	56.247	2.958	0.0	1.443	0.0	0.0	1.778	0.0	0.0	1.847	0.0	0.0	2.136	0.0

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

Normal Deviations
Alarming High Errors

217	16019	16020	NS	1	0.0	211.426	10.225	0.0	29.941	14.305	0.0	168.8	9.626	0.0	36.041	12.43	0.0	1.422	0.0	0.0	1.779	0.0	0.0	1.844	0.0	0.0	2.138	0.0

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

Normal
Alarming
Deviations
High Errors