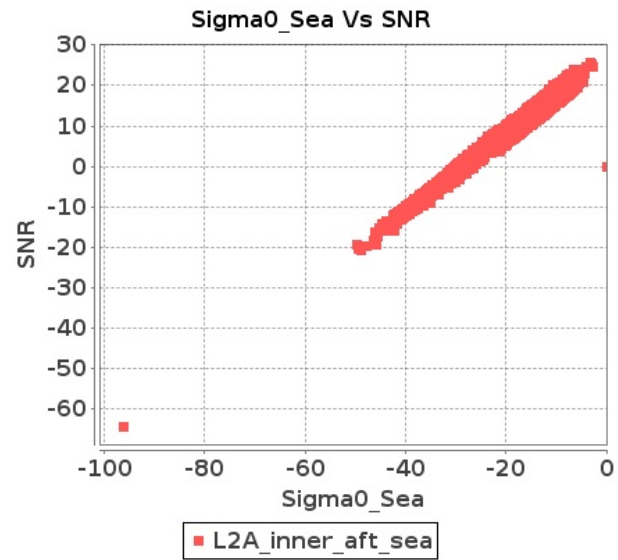


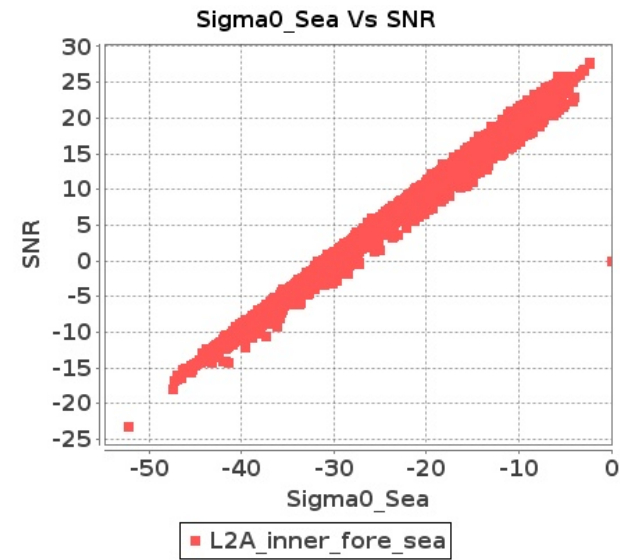
SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 21-AUG-2017 To 22-AUG-2017

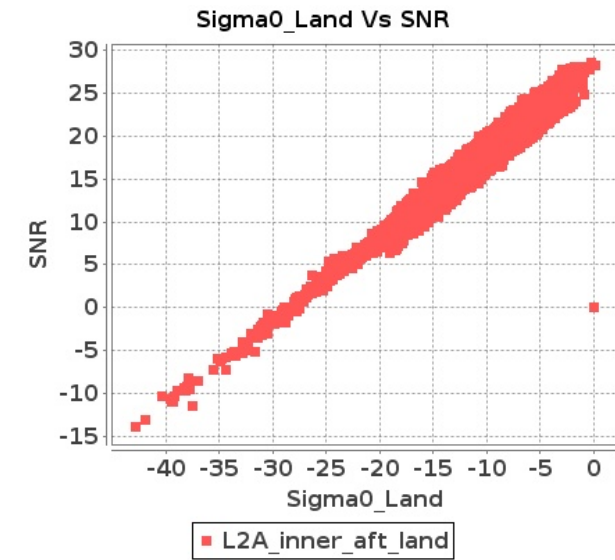
Inner Sea Aft Sigma0VsSNR



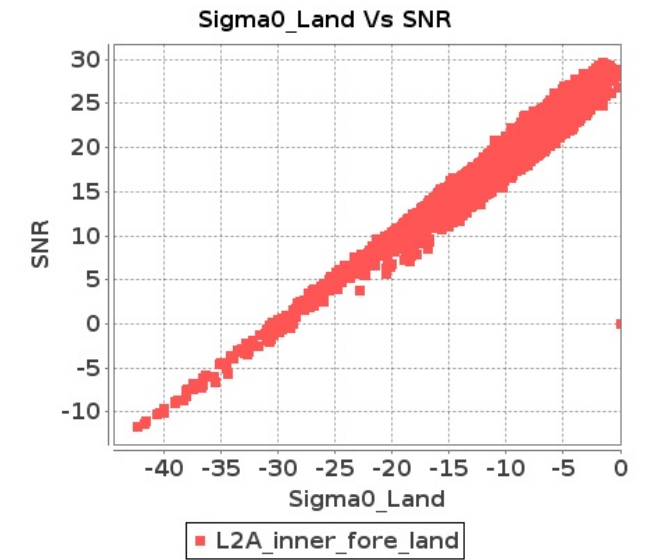
Inner Sea Fore Sigma0VsSNR



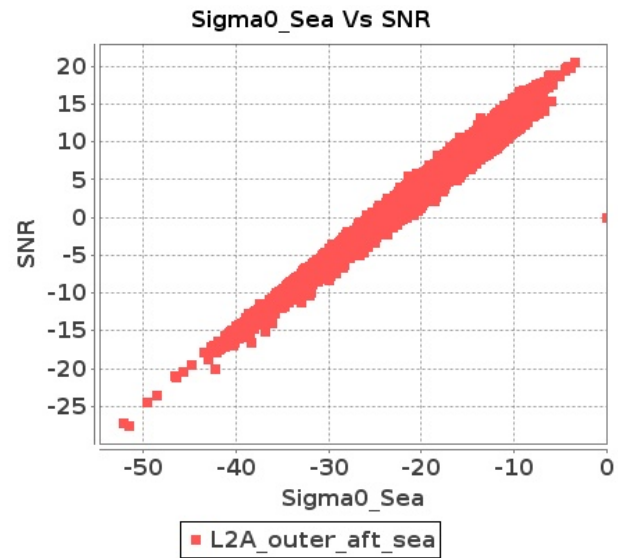
Inner Land Aft Sigma0VsSNR



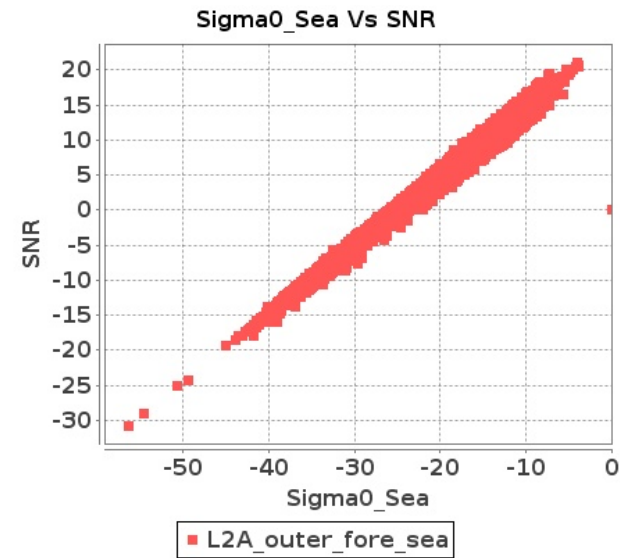
Inner Land Fore Sigma0VsSNR



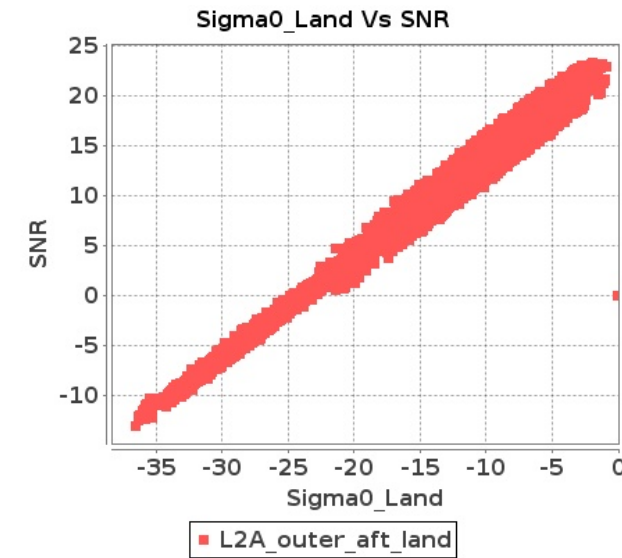
Outer Sea Aft Sigma0VsSNR



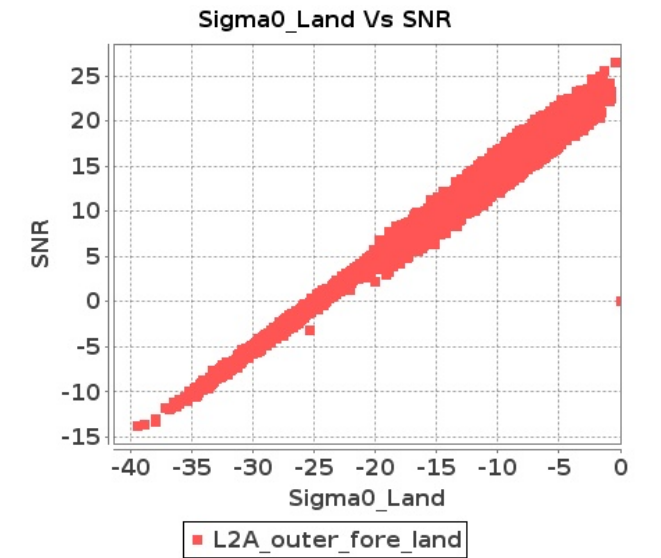
Outer Sea Fore Sigma0VsSNR



Outer Land Aft Sigma0VsSNR



Outer Land Fore Sigma0VsSNR



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

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Sr No	Start Orbit	End Orbit	Dir.	Ver.	SNR												Sigma0											
					Inner Aft			Inner Fore			Outer Aft			Outer Fore			Inner Aft			Inner Fore			Outer Aft			Outer Fore		
					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	4767	4768	SN	1	0.0	50.674	7.305	0.0	49.946	7.077	0.0	49.711	5.042	0.0	46.342	5.075	0.0	49.883	6.718	0.0	47.529	6.489	0.0	48.721	4.687	0.0	43.55	4.763
2	4767	4768	SN	1	0.0	52.524	2.305	0.0	45.729	2.222	0.0	40.346	1.46	0.0	52.53	1.48	0.0	49.216	1.985	0.0	46.862	1.926	0.0	38.405	1.26	0.0	48.754	1.271
3	4767	4768	SN	1	0.0	50.674	7.312	0.0	49.946	7.077	0.0	49.711	5.024	0.0	46.342	5.075	0.0	49.883	6.725	0.0	47.529	6.489	0.0	48.721	4.676	0.0	43.55	4.763
4	4767	4768	SN	1	0.0	52.524	2.3	0.0	45.729	2.222	0.0	43.294	1.461	0.0	52.53	1.48	0.0	49.216	1.982	0.0	46.862	1.926	0.0	38.707	1.261	0.0	48.754	1.271
5	4767	4768	SN	1	0.0	50.674	7.107	0.0	49.946	7.15	0.0	49.711	4.767	0.0	46.342	5.067	0.0	49.883	6.46	0.0	47.529	6.534	0.0	48.721	4.462	0.0	43.55	4.762
6	4767	4768	SN	1	0.0	52.524	2.314	0.0	45.729	2.271	0.0	40.346	1.433	0.0	52.53	1.48	0.0	49.216	1.989	0.0	46.862	1.959	0.0	38.405	1.232	0.0	48.754	1.254
7	4768	4769	NS	1	0.0	51.589	6.845	0.0	55.85	5.441	0.0	50.704	4.592	0.0	42.6	4.142	0.0	51.491	6.054	0.0	53.642	5.207	0.0	46.822	4.3	0.0	43.649	3.686
8	4768	4769	SN	1	0.0	46.712	5.553	0.0	53.452	5.631	0.0	48.447	4.399	0.0	47.145	4.833	0.0	50.355	5.184	0.0	54.488	5.189	0.0	47.244	4.111	0.0	44.942	4.473
9	4768	4769	SN	1	0.0	50.428	1.987	0.0	44.487	1.997	0.0	40.85	1.458	0.0	41.913	1.465	0.0	51.949	1.747	0.0	45.641	1.76	0.0	42.469	1.304	0.0	42.958	1.377
10	4768	4769	SN	1	0.0	46.712	5.673	0.0	53.452	5.62	0.0	48.447	4.481	0.0	47.145	4.849	0.0	50.355	5.299	0.0	54.488	5.174	0.0	47.244	4.233	0.0	44.942	4.465
11	4768	4769	SN	1	0.0	50.428	1.997	0.0	44.487	1.988	0.0	40.85	1.498	0.0	41.913	1.454	0.0	51.949	1.779	0.0	45.641	1.756	0.0	42.469	1.339	0.0	42.958	1.367
12	4768	4769	NS	1	0.0	48.259	2.145	0.0	45.326	1.613	0.0	44.759	1.28	0.0	40.974	1.191	0.0	44.673	1.854	0.0	46.797	1.462	0.0	42.498	1.116	0.0	41.827	0.995
13	4768	4769	SN	1	0.0	50.428	1.997	0.0	44.487	1.988	0.0	40.85	1.491	0.0	41.913	1.454	0.0	51.949	1.781	0.0	45.641	1.756	0.0	42.469	1.333	0.0	42.958	1.367
14	4768	4769	SN	1	0.0	46.712	5.66	0.0	53.452	5.62	0.0	48.447	4.47	0.0	47.145	4.842	0.0	50.355	5.295	0.0	54.488	5.174	0.0	47.244	4.222	0.0	44.942	4.465
15	4769	4770	NS	1	0.0	45.952	5.319	0.0	49.493	4.345	0.0	41.651	3.541	0.0	41.617	3.301	0.0	50.294	4.832	0.0	48.289	3.877	0.0	40.337	3.243	0.0	40.322	2.931
16	4769	4770	SN	1	0.0	48.153	2.305	0.0	43.84	2.169	0.0	38.107	1.671	0.0	41.26	1.879	0.0	45.647	2.114	0.0	42.163	1.97	0.0	38.251	1.57	0.0	38.256	1.647
17	4769	4770	SN	1	0.0	48.153	2.34	0.0	43.84	2.165	0.0	38.107	1.659	0.0	41.26	1.888	0.0	45.44	2.137	0.0	42.163	1.966	0.0	37.638	1.575	0.0	38.256	1.656
18	4769	4770	NS	1	0.0	43.072	1.532	0.0	47.208	1.335	0.0	39.707	1.07	0.0	39.001	1.024	0.0	42.055	1.349	0.0	44.861	1.138	0.0	38.701	0.958	0.0	38.761	0.93
19	4769	4770	SN	1	0.0	43.611	6.563	0.0	49.43	6.271	0.0	42.443	4.966	0.0	41.947	5.237	0.0	41.05	6.594	0.0	48.051	5.962	0.0	44.759	4.829	0.0	41.961	4.567
20	4769	4770	SN	1	0.0	48.153	2.305	0.0	43.84	2.169	0.0	38.107	1.668	0.0	41.26	1.879	0.0	45.647	2.114	0.0	42.163	1.97	0.0	38.251	1.569	0.0	38.256	1.647
21	4769	4770	SN	1	0.0	43.611	6.551	0.0	49.43	6.333	0.0	42.443	4.947	0.0	41.947	5.227	0.0	41.696	6.622	0.0	48.051	6.018	0.0	44.759	4.848	0.0	41.961	4.594
22	4769	4770	NS	1	0.0	43.37	1.536	0.0	48.933	1.313	0.0	38.081	1.081	0.0	38.393	1.017	0.0	41.953	1.322	0.0	46.943	1.118	0.0	36.67	0.962	0.0	37.044	0.907
23	4769	4770	SN	1	0.0	43.611	6.551	0.0	49.43	6.333	0.0	42.443	4.947	0.0	41.947	5.227	0.0	41.696	6.622	0.0	48.051	6.018	0.0	44.759	4.848	0.0	41.961	4.594
24	4769	4770	NS	1	0.0	45.935	5.309	0.0	44.674	4.426	0.0	45.579	3.463	0.0	45.517	3.301	0.0	46.092	4.781	0.0	45.097	3.897	0.0	44.264	3.186	0.0	44.16	2.909
25	4770	4771	SN	1	0.0	31.758	7.576	0.93	0.93	0.0	0.0	32.315	3.828	100000.0	-100000.0	0.0	0.0	32.821	5.303	0.822	0.822	0.0	0.0	32.439	2.871	100000.0	-100000.0	0.0
26	4770	4771	SN	1	0.0	42.686	2.161	0.0	43.031	1.866	0.0	40.692	1.737	0.0	38.598	1.677	0.0	46.378	1.677	0.0	41.916	1.559	0.0	37.547	1.416	0.0	36.271	1.313
27	4770	4771	NS	1	0.0	52.9	1.746	0.0	41.871	1.352	0.0	40.47	1.119	0.0	38.376	1.112	0.0	48.865	1.486	0.0	42.45	1.239	0.0	41.764	1.056	0.0	36.737	0.991
28	4770	4771	SN	1	0.0	24.323	0.982	0.0	0.0	0.0	0.0	27.688	2.03	100000.0	-100000.0	0.0	0.0	26.401	0.786	0.0	0.0	0.0	0.0	27.008	1.894	100000.0	-100000.0	0.0
29	4770	4771	NS	1	0.0	43.022	9.115	0.0	45.783	5.128	0.0	38.084	6.344	0.0	46.3	4.453	0.0	42.832	8.373	0.0	47.488	4.736	0.0	39.492	5.755	0.0	46.014	4.169
30	4770	4771	NS	1	0.0	42.085	2.678	0.0	43.99	1.404	0.0	33.748	1.784	0.0	43.059	1.195	0.0	38.033	2.523	0.0	41.207	1.338	0.0	31.685	1.696	0.0	42.531	1.131
31	4770	4771	NS	1	0.0	48.268	5.397	0.0	47.518	4.244	0.0	48.005	3.732	0.0	44.49	3.694	0.0	47.645	4.646	0.0	46.699	3.735	0.0	44.972	3.455	0.0	45.343	3.338

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0	Alarming	High Errors

32	4770	4771	SN	1	0.0	44.179	6.438	0.0	45.237	6.024	0.0	38.352	4.646	0.0	39.071	4.934	0.0	46.529	5.476	0.0	44.595	5.061	0.0	38.219	4.086	0.0	38.913	4.372
33	4771	4772	NS	1	0.0	52.765	1.693	0.0	45.193	1.33	0.0	42.645	1.078	0.0	44.0	1.013	0.0	50.145	1.465	0.0	46.598	1.188	0.0	40.654	0.954	0.0	40.29	0.914
34	4771	4772	SN	1	0.0	45.067	3.172	0.0	46.353	2.764	0.0	38.301	2.302	0.0	39.645	2.299	0.0	40.838	2.748	0.0	43.657	2.459	0.0	38.173	2.173	0.0	39.848	2.095
35	4771	4772	SN	1	0.0	41.347	3.227	0.0	41.853	2.795	0.0	39.094	2.305	0.0	38.383	2.295	0.0	40.275	2.794	0.0	42.51	2.5	0.0	36.123	2.157	0.0	36.292	2.102
36	4771	4772	NS	1	0.0	48.969	1.66	0.0	50.958	1.356	0.0	37.807	1.155	0.0	46.489	0.948	0.0	50.009	1.482	0.0	50.729	1.233	0.0	39.448	0.99	0.0	42.998	0.843
37	4771	4772	SN	1	0.0	45.652	8.689	0.0	46.591	7.738	0.0	42.182	7.296	0.0	45.143	6.718	0.0	44.349	8.021	0.0	47.014	7.22	0.0	41.333	6.991	0.0	45.325	6.491
38	4771	4772	NS	1	0.0	67.014	5.82	0.0	52.479	4.587	0.0	43.984	3.973	0.0	47.058	3.7	0.0	65.946	5.273	0.0	52.441	4.17	0.0	44.789	3.575	0.0	44.812	3.286
39	4771	4772	NS	1	0.0	65.905	5.752	0.0	54.182	4.608	0.0	46.903	4.095	0.0	44.26	3.494	0.0	65.946	5.204	0.0	54.845	4.161	0.0	45.45	3.675	0.0	41.581	3.137
40	4771	4772	SN	1	0.0	45.652	8.687	0.0	46.591	7.687	0.0	42.182	7.157	0.0	41.576	6.814	0.0	44.349	8.071	0.0	47.014	7.248	0.0	41.333	6.879	0.0	42.93	6.579
41	4771	4772	SN	1	0.0	43.209	8.689	0.0	46.593	7.667	0.0	39.634	7.224	0.0	41.195	6.661	0.0	44.521	8.132	0.0	47.459	7.109	0.0	41.168	6.876	0.0	40.931	6.32
42	4771	4772	SN	1	0.0	41.347	3.182	0.0	42.235	2.761	0.0	39.094	2.306	0.0	38.91	2.261	0.0	40.275	2.752	0.0	42.51	2.477	0.0	36.123	2.16	0.0	39.835	2.061
43	4772	4773	SN	1	0.0	47.505	9.953	0.0	47.241	10.414	0.0	42.332	7.017	0.0	41.455	8.119	0.0	47.509	9.307	0.0	47.082	9.491	0.0	41.596	6.697	0.0	41.02	7.636
44	4772	4773	NS	1	0.0	44.979	2.172	0.0	46.798	1.695	0.0	38.307	1.311	0.0	41.661	1.234	0.0	44.88	1.797	0.0	44.302	1.444	0.0	37.879	1.102	0.0	41.672	1.045
45	4772	4773	NS	1	0.0	50.892	7.099	0.0	47.227	5.361	0.0	43.118	4.222	0.0	50.674	3.95	0.0	49.98	6.145	0.0	48.742	4.883	0.0	42.374	3.824	0.0	49.556	3.365
46	4772	4773	SN	1	0.0	44.82	3.299	0.0	45.505	3.37	0.0	39.162	2.385	0.0	41.203	2.609	0.0	44.146	2.894	0.0	44.581	3.097	0.0	38.56	2.275	0.0	40.175	2.466
47	4772	4773	SN	1	0.0	44.82	3.299	0.0	45.505	3.372	0.0	39.162	2.385	0.0	41.203	2.613	0.0	44.146	2.894	0.0	44.581	3.099	0.0	38.56	2.273	0.0	40.175	2.469
48	4772	4773	SN	1	0.0	47.505	10.072	0.0	47.241	10.553	0.0	42.332	7.017	0.0	44.198	8.079	0.0	47.509	9.424	0.0	47.082	9.609	0.0	41.596	6.698	0.0	42.186	7.616
49	4772	4773	SN	1	0.0	47.505	10.064	0.0	47.241	10.543	0.0	42.332	7.02	0.0	44.198	8.079	0.0	47.509	9.416	0.0	47.082	9.609	0.0	41.596	6.701	0.0	42.186	7.609
50	4772	4773	SN	1	0.0	44.82	3.33	0.0	45.505	3.431	0.0	39.162	2.436	0.0	41.203	2.661	0.0	44.146	2.936	0.0	44.581	3.16	0.0	38.56	2.322	0.0	40.175	2.511
51	4773	4774	NS	1	0.0	48.164	8.24	0.0	48.132	7.144	0.0	46.852	6.393	0.0	46.309	5.427	0.0	49.169	7.713	0.0	48.886	6.584	0.0	49.101	6.293	0.0	45.673	4.985
52	4773	4774	NS	1	0.0	47.532	8.291	0.0	48.147	7.154	0.0	41.286	6.52	0.0	48.791	5.441	0.0	46.904	7.723	0.0	48.53	6.533	0.0	43.536	6.385	0.0	46.267	4.956
53	4773	4774	SN	1	0.0	49.159	12.403	0.0	53.647	12.33	0.0	45.669	9.167	0.0	45.471	9.134	0.0	48.81	12.139	0.0	51.944	11.843	0.0	45.254	9.202	0.0	45.053	8.778
54	4773	4774	SN	1	0.0	49.159	12.109	0.0	53.109	11.854	0.0	45.669	9.201	0.0	45.471	9.097	0.0	48.81	11.795	0.0	51.944	11.411	0.0	45.254	9.247	0.0	45.053	8.793
55	4773	4774	SN	1	0.0	49.535	4.34	0.0	51.217	4.388	0.0	46.738	2.745	0.0	40.166	2.784	0.0	47.142	4.188	0.0	48.333	4.058	0.0	47.448	2.732	0.0	42.917	2.606
56	4773	4774	NS	1	0.0	45.861	2.903	0.0	45.79	2.341	0.0	39.43	1.922	0.0	39.029	1.604	0.0	45.56	2.607	0.0	46.705	2.18	0.0	37.534	1.799	0.0	39.322	1.536
57	4773	4774	SN	1	0.0	49.159	12.405	0.0	53.647	12.32	0.0	45.669	9.157	0.0	45.471	9.126	0.0	48.81	12.152	0.0	51.944	11.843	0.0	45.254	9.214	0.0	45.053	8.778
58	4773	4774	NS	1	0.0	45.903	2.918	0.0	45.898	2.313	0.0	47.383	1.957	0.0	39.63	1.647	0.0	45.817	2.631	0.0	46.849	2.171	0.0	47.458	1.812	0.0	37.962	1.504
59	4773	4774	SN	1	0.0	49.535	4.319	0.0	51.217	4.345	0.0	46.738	2.698	0.0	40.166	2.754	0.0	47.142	4.165	0.0	48.333	4.027	0.0	47.448	2.674	0.0	42.917	2.56
60	4773	4774	SN	1	0.0	49.535	4.323	0.0	51.217	4.345	0.0	46.738	2.704	0.0	40.166	2.754	0.0	47.142	4.163	0.0	48.333	4.027	0.0	47.448	2.68	0.0	42.917	2.559
61	4774	4775	NS	1	0.0	39.797	2.522	0.0	43.109	2.045	0.0	38.554	1.66	0.0	40.581	1.65	0.0	41.319	2.332	0.0	40.269	1.975	0.0	37.882	1.648	0.0	42.993	1.568
62	4774	4775	SN	1	0.0	55.466	8.335	0.0	53.175	8.083	0.0	47.214	5.19	0.0	52.473	5.51	0.0	55.457	7.718	0.0	53.093	7.231	0.0	48.39	4.58	0.0	50.582	4.877
63	4774	4775	NS	1	0.0	45.225	2.468	0.0	44.439	2.032	0.0	43.016	1.692	0.0	38.457	1.625	0.0	43.974	2.368	0.0	42.503	1.987	0.0	39.657	1.625	0.0	38.563	1.536
64	4774	4775	NS	1	0.0	44.962	7.231	0.0	45.316	6.265	0.0	40.237	5.146	0.0	42.445	5.047	0.0	43.972	6.481	0.0	45.469	5.766	0.0	41.354	5.118	0.0	42.417	4.705
65	4774	4775	SN	1	0.0	49.985	2.59	0.0	47.245	2.5	0.0	41.15	1.469	0.0	47.694	1.498	0.0	48.195	2.169	0.0	44.853	2.109	0.0	41.72	1.297	0.0	45.988	1.281
66	4774	4775	NS	1	0.0	47.655	7.231	0.0	47.598	6.143	0.0	41.361	4.997	0.0	47.903	4.997	0.0	48.972	6.531	0.0	47.75	5.522	0.0	39.465	4.968	0.0	45.264	4.634
67	4774	4775	SN	1	0.0	55.466	7.803	0.0	53.175	7.513	0.0	47.214	4.891	0.0	52.473	5.185	0.0	55.457	7.203	0.0	53.093	6.711	0.0	48.39	4.275	0.0	50.582	4.584

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

68	4774	4775	SN	1	0.0	49.985	2.436	0.0	47.245	2.367	0.0	41.15	1.343	0.0	47.694	1.434	0.0	48.195	2.027	0.0	44.853	2.012	0.0	41.72	1.178	0.0	45.988	1.206
69	4774	4775	SN	1	0.0	55.466	8.335	0.0	53.175	8.083	0.0	47.214	5.19	0.0	52.473	5.51	0.0	55.457	7.718	0.0	53.093	7.231	0.0	48.39	4.58	0.0	50.582	4.877
70	4774	4775	SN	1	0.0	49.985	2.59	0.0	47.245	2.5	0.0	41.15	1.469	0.0	47.694	1.498	0.0	48.195	2.169	0.0	44.853	2.109	0.0	41.72	1.297	0.0	45.988	1.281
71	4775	4776	NS	1	0.0	46.608	2.656	0.0	45.825	2.322	0.0	44.365	1.838	0.0	43.963	1.874	0.0	48.37	2.335	0.0	49.307	2.034	0.0	40.529	1.623	0.0	42.953	1.641
72	4775	4776	NS	1	0.0	48.748	8.217	0.0	50.293	7.794	0.0	46.905	5.822	0.0	53.398	5.918	0.0	48.347	7.162	0.0	48.273	6.705	0.0	48.713	5.424	0.0	53.841	5.54
73	4775	4776	SN	1	0.0	42.235	1.597	0.0	50.127	1.562	0.0	40.205	1.046	0.0	39.422	1.149	0.0	41.583	1.212	0.0	47.475	1.183	0.0	41.35	0.848	0.0	37.806	0.805
74	4775	4776	SN	1	0.0	44.529	5.403	0.0	53.749	4.831	0.0	52.791	4.035	0.0	47.892	3.933	0.0	45.217	4.523	0.0	51.312	4.08	0.0	48.695	3.354	0.0	45.071	3.172
75	4775	4776	NS	1	0.0	46.608	2.656	0.0	45.825	2.322	0.0	44.365	1.838	0.0	43.963	1.874	0.0	48.37	2.335	0.0	49.307	2.034	0.0	40.529	1.623	0.0	42.953	1.641
76	4775	4776	NS	1	0.0	48.748	8.217	0.0	50.293	7.794	0.0	46.905	5.822	0.0	53.398	5.918	0.0	48.347	7.162	0.0	48.273	6.705	0.0	48.713	5.424	0.0	53.841	5.54
77	4776	4777	NS	1	0.0	53.231	10.184	0.0	55.497	9.699	0.0	46.161	6.438	0.0	44.32	6.468	0.0	54.336	9.514	0.0	54.656	8.732	0.0	43.05	6.019	0.0	43.042	5.998
78	4776	4777	NS	1	0.0	53.231	10.184	0.0	55.497	9.699	0.0	46.161	6.438	0.0	44.32	6.468	0.0	54.336	9.514	0.0	54.656	8.732	0.0	43.05	6.019	0.0	43.042	5.998
79	4776	4777	SN	1	0.0	41.71	4.826	0.0	46.623	4.552	0.0	42.009	3.433	0.0	42.238	4.001	0.0	42.063	4.27	0.0	43.345	4.035	0.0	39.806	3.114	0.0	42.579	3.454
80	4776	4777	NS	1	0.0	48.571	3.368	0.0	45.674	2.755	0.0	42.877	1.954	0.0	40.2	1.967	0.0	47.029	3.059	0.0	44.713	2.52	0.0	41.34	1.747	0.0	42.338	1.691
81	4776	4777	NS	1	0.0	48.571	3.368	0.0	45.674	2.755	0.0	42.877	1.954	0.0	40.2	1.967	0.0	47.029	3.059	0.0	44.713	2.52	0.0	41.34	1.747	0.0	42.338	1.691
82	4776	4777	SN	1	0.0	46.755	1.654	0.0	44.568	1.509	0.0	41.436	1.09	0.0	40.432	1.263	0.0	45.302	1.354	0.0	48.393	1.254	0.0	40.821	0.872	0.0	36.119	0.96
83	4777	4778	NS	1	0.0	49.829	6.652	0.0	48.713	6.326	0.0	44.679	5.38	0.0	47.425	5.133	0.0	51.341	6.166	0.0	49.432	5.776	0.0	46.098	5.267	0.0	45.961	5.04
84	4777	4778	NS	1	0.0	45.765	2.325	0.0	44.414	2.095	0.0	42.703	1.72	0.0	38.509	1.621	0.0	48.047	2.079	0.0	45.993	1.975	0.0	40.207	1.63	0.0	39.817	1.559
85	4782	4783	SN	1	0.0	49.99	2.751	0.0	48.837	2.847	0.0	43.099	1.844	0.0	39.532	1.918	0.0	49.245	2.53	0.0	52.645	2.527	0.0	41.872	1.686	0.0	38.618	1.723
86	4782	4783	SN	1	0.0	53.0	9.328	0.0	52.883	8.995	0.0	45.856	6.267	0.0	48.997	6.853	0.0	51.501	8.771	0.0	54.386	8.184	0.0	46.238	6.047	0.0	46.894	6.37
87	4782	4783	SN	1	0.0	53.0	9.328	0.0	52.883	8.995	0.0	45.856	6.29	0.0	48.997	6.853	0.0	51.501	8.762	0.0	54.386	8.184	0.0	46.238	6.063	0.0	46.894	6.37
88	4782	4783	SN	1	0.0	49.99	2.778	0.0	48.837	2.834	0.0	43.099	1.844	0.0	39.532	1.889	0.0	49.245	2.555	0.0	52.645	2.507	0.0	41.872	1.681	0.0	38.618	1.668
89	4782	4783	NS	1	0.0	53.127	9.099	0.0	55.8	7.518	0.0	45.531	5.573	0.0	44.057	4.514	0.0	54.931	8.156	0.0	55.221	6.612	0.0	48.254	4.997	0.0	44.857	3.979
90	4782	4783	NS	1	0.0	46.812	2.601	0.0	46.477	1.804	0.0	40.466	1.52	0.0	42.38	1.237	0.0	46.75	2.109	0.0	44.171	1.557	0.0	41.664	1.319	0.0	41.342	1.049
91	4782	4783	SN	1	0.0	53.0	9.381	0.0	52.883	8.881	0.0	45.856	6.339	0.0	48.997	6.786	0.0	51.501	8.792	0.0	54.386	8.063	0.0	46.238	6.107	0.0	46.894	6.293
92	4782	4783	SN	1	0.0	49.99	2.75	0.0	48.837	2.847	0.0	43.099	1.847	0.0	39.532	1.918	0.0	49.245	2.53	0.0	52.645	2.527	0.0	41.872	1.688	0.0	38.618	1.723
93	4783	4784	SN	1	0.0	52.385	6.465	0.0	49.946	5.996	0.0	40.785	4.13	0.0	43.78	4.404	0.0	52.211	6.352	0.0	49.42	6.119	0.0	42.371	4.044	0.0	40.076	4.289
94	4783	4784	SN	1	0.0	52.385	6.465	0.0	49.946	5.996	0.0	40.785	4.13	0.0	43.78	4.404	0.0	52.211	6.352	0.0	49.42	6.119	0.0	42.371	4.044	0.0	40.076	4.289
95	4783	4784	SN	1	0.0	52.385	6.524	0.0	49.946	5.935	0.0	40.785	4.233	0.0	43.78	4.352	0.0	52.211	6.352	0.0	49.42	6.057	0.0	42.371	4.148	0.0	40.076	4.245
96	4783	4784	NS	1	0.0	57.344	4.807	0.0	44.786	3.714	0.0	42.436	3.653	0.0	45.774	3.023	0.0	56.693	4.208	0.0	40.955	3.266	0.0	39.809	3.191	0.0	44.793	2.488
97	4783	4784	NS	1	0.0	50.892	1.682	0.0	42.94	1.181	0.0	40.767	1.114	0.0	41.045	0.967	0.0	49.585	1.393	0.0	43.57	0.964	0.0	39.987	0.908	0.0	38.826	0.777
98	4783	4784	NS	1	0.0	47.411	1.696	0.0	44.866	1.184	0.0	39.342	1.132	0.0	39.701	0.965	0.0	46.317	1.391	0.0	44.401	0.964	0.0	41.408	0.919	0.0	39.924	0.779
99	4783	4784	SN	1	0.0	46.611	1.969	0.0	45.279	1.907	0.0	39.394	1.44	0.0	38.772	1.45	0.0	48.068	1.856	0.0	42.319	1.824	0.0	40.68	1.34	0.0	40.88	1.298
100	4783	4784	NS	1	0.0	53.862	4.807	0.0	51.993	3.713	0.0	44.861	3.604	0.0	49.482	3.073	0.0	53.211	4.158	0.0	49.051	3.255	0.0	41.696	3.149	0.0	50.776	2.531
101	4783	4784	SN	1	0.0	46.611	1.971	0.0	45.279	1.927	0.0	39.394	1.429	0.0	38.772	1.456	0.0	48.068	1.862	0.0	42.319	1.845	0.0	40.68	1.316	0.0	40.88	1.304
102	4783	4784	SN	1	0.0	46.611	1.971	0.0	45.279	1.927	0.0	39.394	1.429	0.0	38.772	1.456	0.0	48.068	1.862	0.0	42.319	1.845	0.0	40.68	1.316	0.0	40.88	1.304
103	4784	4785	SN	1	0.0	49.207	5.444	0.0	47.207	5.455	0.0	45.193	4.745	0.0	41.784	4.904	0.0	49.435	5.029	0.0	46.833	5.303	0.0	47.451	4.632	0.0	41.115	4.627

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

104	4784	4785	SN	1	0.0	39.86	2.038	0.0	43.417	1.818	0.0	38.899	1.566	0.0	37.727	1.609	0.0	37.381	1.783	0.0	41.798	1.66	0.0	36.342	1.475	0.0	35.238	1.446
105	4784	4785	NS	1	0.0	55.466	5.592	0.0	41.996	4.172	0.0	40.033	3.875	0.0	43.918	3.659	0.0	54.588	4.607	0.0	43.222	3.46	0.0	42.767	3.648	0.0	46.28	3.01
106	4784	4785	SN	1	0.0	39.86	2.068	0.0	43.417	1.814	0.0	38.899	1.554	0.0	37.727	1.598	0.0	37.381	1.805	0.0	41.798	1.663	0.0	36.342	1.465	0.0	35.238	1.436
107	4784	4785	NS	1	0.0	56.476	1.762	0.0	39.278	1.225	0.0	37.205	1.286	0.0	43.406	1.097	0.0	52.63	1.434	0.0	39.727	1.053	0.0	37.162	1.13	0.0	39.311	0.921
108	4784	4785	NS	1	0.0	56.476	1.762	0.0	39.278	1.225	0.0	37.205	1.286	0.0	43.406	1.097	0.0	52.63	1.434	0.0	39.727	1.053	0.0	37.162	1.13	0.0	39.311	0.921
109	4784	4785	SN	1	0.0	49.207	5.438	0.0	47.207	5.455	0.0	45.193	4.747	0.0	41.784	4.904	0.0	49.435	5.033	0.0	46.833	5.303	0.0	47.451	4.633	0.0	41.115	4.627
110	4784	4785	SN	1	0.0	39.86	2.039	0.0	43.417	1.818	0.0	38.899	1.565	0.0	37.727	1.609	0.0	37.381	1.782	0.0	41.798	1.66	0.0	36.342	1.475	0.0	35.238	1.446
111	4784	4785	NS	1	0.0	55.466	5.592	0.0	41.996	4.172	0.0	40.033	3.875	0.0	43.918	3.659	0.0	54.588	4.607	0.0	43.222	3.46	0.0	42.767	3.648	0.0	46.28	3.01
112	4784	4785	SN	1	0.0	49.207	5.502	0.0	47.207	5.406	0.0	45.193	4.794	0.0	41.784	4.808	0.0	49.435	5.09	0.0	46.833	5.251	0.0	47.451	4.664	0.0	41.115	4.541
113	4785	4786	SN	1	0.0	52.225	8.821	0.0	51.718	8.611	0.0	38.808	5.502	0.0	42.931	6.114	0.0	51.825	8.295	0.0	52.708	7.819	0.0	41.665	5.077	0.0	43.523	5.638
114	4785	4786	SN	1	0.0	49.133	2.641	0.0	43.628	2.657	0.0	40.951	1.87	0.0	38.311	2.081	0.0	51.134	2.338	0.0	45.414	2.382	0.0	37.356	1.712	0.0	38.385	1.829
115	4785	4786	NS	1	0.0	46.687	6.095	0.0	52.408	5.4	0.0	44.473	3.561	0.0	42.501	3.336	0.0	44.411	5.142	0.0	51.205	4.851	0.0	47.917	3.191	0.0	44.142	2.887
116	4785	4786	NS	1	0.0	45.618	6.034	0.0	56.653	5.349	0.0	44.917	3.476	0.0	45.48	3.386	0.0	44.416	5.122	0.0	54.742	4.831	0.0	48.36	3.113	0.0	43.477	2.923
117	4785	4786	NS	1	0.0	46.61	1.517	0.0	52.323	1.308	0.0	40.298	0.984	0.0	37.925	0.86	0.0	47.017	1.242	0.0	48.323	1.115	0.0	37.369	0.89	0.0	38.483	0.738
118	4785	4786	SN	1	0.0	49.133	2.685	0.0	43.628	2.633	0.0	40.951	1.879	0.0	38.311	2.081	0.0	51.134	2.381	0.0	45.414	2.357	0.0	37.356	1.73	0.0	38.385	1.826
119	4785	4786	SN	1	0.0	46.921	2.68	0.0	43.628	2.636	0.0	40.951	1.877	0.0	38.311	2.09	0.0	48.487	2.383	0.0	45.414	2.364	0.0	37.356	1.723	0.0	38.385	1.829
120	4785	4786	NS	1	0.0	47.194	1.513	0.0	53.583	1.31	0.0	44.973	0.984	0.0	38.199	0.864	0.0	47.6	1.23	0.0	49.585	1.109	0.0	40.736	0.885	0.0	37.806	0.75
121	4785	4786	SN	1	0.0	52.225	8.686	0.0	51.718	8.604	0.0	38.808	5.385	0.0	42.931	6.091	0.0	51.825	8.167	0.0	52.708	7.846	0.0	41.665	4.949	0.0	43.523	5.611
122	4785	4786	SN	1	0.0	50.494	8.801	0.0	51.718	8.621	0.0	38.808	5.523	0.0	42.931	6.107	0.0	54.915	8.316	0.0	52.708	7.83	0.0	40.683	5.105	0.0	43.523	5.631
123	4786	4787	SN	1	0.0	46.391	3.266	0.0	44.272	2.697	0.0	41.948	2.328	0.0	41.826	2.209	0.0	47.296	2.752	0.0	44.508	2.225	0.0	38.754	2.003	0.0	40.071	1.846
124	4786	4787	NS	1	0.0	50.318	5.231	0.0	53.699	4.375	0.0	49.159	3.781	0.0	46.398	3.537	0.0	50.677	4.845	0.0	55.329	3.887	0.0	46.763	3.475	0.0	45.367	3.08
125	4786	4787	SN	1	0.0	50.423	9.638	0.0	54.906	8.868	0.0	44.342	6.301	0.0	42.866	6.663	0.0	48.148	8.483	0.0	54.698	7.549	0.0	43.497	5.634	0.0	43.11	5.881
126	4786	4787	NS	1	0.0	50.318	5.231	0.0	53.699	4.375	0.0	49.159	3.781	0.0	46.398	3.537	0.0	50.677	4.845	0.0	55.329	3.887	0.0	46.763	3.475	0.0	45.367	3.08
127	4786	4787	NS	1	0.0	50.318	5.231	0.0	53.699	4.375	0.0	49.159	3.781	0.0	46.398	3.537	0.0	50.677	4.845	0.0	55.329	3.887	0.0	46.763	3.475	0.0	45.367	3.08
128	4786	4787	SN	1	0.0	50.423	9.627	0.0	50.199	8.847	0.0	41.738	6.301	0.0	42.813	6.67	0.0	48.148	8.514	0.0	51.223	7.62	0.0	43.574	5.47	0.0	43.345	5.767
129	4786	4787	SN	1	0.0	43.393	3.293	0.0	44.795	2.702	0.0	41.791	2.277	0.0	42.075	2.198	0.0	41.513	2.752	0.0	46.75	2.228	0.0	39.206	1.935	0.0	40.879	1.833
130	4786	4787	NS	1	0.0	42.287	1.474	0.0	46.599	1.224	0.0	45.408	0.986	0.0	42.165	1.02	0.0	42.819	1.259	0.0	47.331	1.079	0.0	44.592	0.849	0.0	41.05	0.882
131	4786	4787	NS	1	0.0	42.287	1.474	0.0	46.599	1.224	0.0	45.408	0.986	0.0	42.165	1.02	0.0	42.819	1.259	0.0	47.331	1.079	0.0	44.592	0.849	0.0	41.05	0.882
132	4786	4787	NS	1	0.0	42.287	1.474	0.0	46.599	1.224	0.0	45.408	0.986	0.0	42.165	1.02	0.0	42.819	1.259	0.0	47.331	1.079	0.0	44.592	0.849	0.0	41.05	0.882
133	4787	4788	NS	1	0.0	55.432	2.038	0.0	48.939	1.874	0.0	42.778	1.422	0.0	44.151	1.398	0.0	55.352	1.702	0.0	50.774	1.725	0.0	42.128	1.28	0.0	42.84	1.265
134	4787	4788	SN	1	0.0	46.32	4.632	0.0	50.48	4.692	0.0	39.193	3.32	0.0	45.4	3.251	0.0	48.901	4.542	0.0	50.108	4.433	0.0	40.044	3.257	0.0	45.762	3.104
135	4787	4788	NS	1	0.0	44.86	2.161	0.0	49.134	1.776	0.0	45.961	1.474	0.0	42.004	1.399	0.0	46.754	1.795	0.0	48.8	1.586	0.0	48.558	1.346	0.0	41.212	1.227
136	4787	4788	SN	1	0.0	47.009	4.641	0.0	50.743	4.697	0.0	43.885	3.33	0.0	42.722	3.223	0.0	45.819	4.544	0.0	51.448	4.444	0.0	42.494	3.32	0.0	41.005	3.143
137	4787	4788	SN	1	0.0	48.138	14.111	0.0	50.898	14.289	0.0	40.853	9.848	0.0	43.503	10.447	0.0	49.665	14.08	0.0	51.347	13.791	0.0	42.948	10.047	0.0	43.79	10.119
138	4787	4788	NS	1	0.0	54.176	6.349	0.0	52.392	5.638	0.0	48.468	5.059	0.0	47.244	4.992	0.0	54.577	5.822	0.0	54.855	5.18	0.0	49.11	4.626	0.0	45.218	4.571
139	4787	4788	SN	1	0.0	48.613	14.166	0.0	50.819	14.171	0.0	42.417	10.004	0.0	45.544	10.724	0.0	46.983	14.348	0.0	51.273	13.721	0.0	42.461	10.229	0.0	46.108	10.567

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

140	4787	4788	SN	1	0.0	46.32	4.773	0.0	50.48	4.836	0.0	39.193	3.409	0.0	45.4	3.386	0.0	48.901	4.663	0.0	50.108	4.585	0.0	37.449	3.354	0.0	45.762	3.219
141	4787	4788	NS	1	0.0	47.881	6.362	0.0	54.343	5.769	0.0	47.989	5.168	0.0	47.137	4.999	0.0	46.448	5.733	0.0	52.454	5.342	0.0	47.037	4.713	0.0	46.563	4.414
142	4787	4788	SN	1	0.0	48.613	14.076	0.0	50.819	14.268	0.0	42.417	9.844	0.0	46.419	10.468	0.0	46.983	14.177	0.0	51.273	13.7	0.0	42.461	10.021	0.0	46.108	10.311
143	4788	4789	SN	1	0.0	53.0	8.143	0.0	54.25	8.08	0.0	49.04	5.188	0.0	52.145	5.451	0.0	55.439	7.18	0.0	53.76	7.117	0.0	47.097	4.706	0.0	51.71	4.634
144	4788	4789	SN	1	0.142	53.559	7.539	0.0	50.708	7.878	0.0	50.126	5.323	0.0	53.237	5.435	0.977	55.994	6.728	0.0	49.974	7.011	0.0	47.561	4.755	0.0	52.731	4.68
145	4788	4789	NS	1	0.0	46.8	3.041	0.0	47.576	2.736	0.0	41.404	2.263	0.0	50.325	2.107	0.0	46.912	2.813	0.0	44.77	2.659	0.0	41.371	2.19	0.0	46.535	2.062
146	4788	4789	NS	1	0.0	42.693	3.082	0.0	47.576	2.61	0.0	41.347	2.249	0.0	51.091	2.261	0.0	41.532	2.825	0.0	46.935	2.538	0.0	45.024	2.222	0.0	46.563	2.127
147	4788	4789	SN	1	0.0	49.337	2.23	0.0	50.004	2.362	0.0	47.564	1.54	0.0	40.493	1.565	0.0	44.919	1.847	0.0	53.001	1.96	0.0	44.076	1.216	0.0	40.374	1.24
148	4788	4789	SN	1	0.0	53.559	8.004	0.0	50.708	8.131	0.0	50.126	5.299	0.0	53.237	5.486	0.0	55.994	7.093	0.0	49.974	7.208	0.0	47.561	4.696	0.0	52.731	4.705
149	4788	4789	SN	1	0.0	49.337	2.197	0.0	50.004	2.35	0.0	47.564	1.549	0.0	40.493	1.606	0.0	44.919	1.829	0.0	53.001	1.928	0.0	44.076	1.223	0.0	40.374	1.276
150	4788	4789	SN	1	0.0	49.79	2.255	0.0	44.499	2.352	0.0	42.394	1.513	0.0	43.482	1.552	0.0	49.022	1.874	0.0	49.671	1.955	0.0	42.002	1.226	0.0	45.754	1.242
151	4788	4789	NS	1	0.0	50.11	8.938	0.0	51.548	7.897	0.0	38.028	7.15	0.0	42.553	6.633	0.0	51.867	8.502	0.0	48.459	7.521	0.0	38.018	6.838	0.0	41.374	6.69
152	4788	4789	NS	1	0.0	52.968	9.106	0.0	46.421	7.868	0.0	42.931	7.036	0.0	47.473	6.686	0.0	51.8	8.426	0.0	48.401	7.796	0.0	40.78	7.001	0.0	43.485	6.622
153	4789	4790	SN	1	0.0	43.616	1.288	0.0	50.078	1.408	0.0	40.052	0.77	0.0	43.998	0.753	0.0	42.662	1.058	0.0	47.938	1.16	0.0	38.918	0.632	0.0	42.1	0.62
154	4789	4790	SN	1	0.0	49.294	4.37	0.0	59.408	4.24	0.0	48.163	2.694	0.0	48.919	2.844	0.0	47.493	3.692	0.0	55.717	3.459	0.0	44.984	2.333	0.0	47.064	2.382
155	4789	4790	NS	1	0.0	50.742	7.866	0.0	45.852	6.878	0.0	42.691	6.145	0.0	50.042	6.139	0.0	49.029	7.653	0.0	49.419	6.359	0.0	46.229	6.202	0.0	50.671	5.783
156	4789	4790	SN	1	0.0	49.294	4.37	0.0	59.408	4.25	0.0	48.163	2.687	0.0	48.919	2.844	0.0	47.493	3.692	0.0	55.717	3.449	0.0	44.984	2.304	0.0	47.064	2.382
157	4789	4790	NS	1	0.0	45.992	2.76	0.0	46.894	2.456	0.0	42.083	1.932	0.0	43.554	2.025	0.0	45.383	2.561	0.0	45.464	2.265	0.0	39.618	1.943	0.0	44.891	1.855
158	4789	4790	NS	1	0.0	48.99	2.781	0.0	46.982	2.428	0.0	42.643	1.958	0.0	42.762	2.062	0.0	45.518	2.603	0.0	49.402	2.254	0.0	39.618	1.904	0.0	38.95	1.916
159	4789	4790	NS	1	0.0	50.251	8.071	0.0	47.73	7.079	0.0	43.065	5.942	0.0	46.822	6.352	0.0	48.768	7.879	0.0	49.419	6.855	0.0	43.697	5.885	0.0	44.302	5.832
160	4789	4790	SN	1	0.0	43.488	1.32	0.0	50.078	1.383	0.0	40.109	0.8	0.0	40.952	0.752	0.0	42.4	1.065	0.0	47.938	1.115	0.0	41.167	0.642	0.0	42.4	0.622
161	4790	4791	SN	1	0.0	39.781	1.609	0.0	50.384	1.544	0.0	38.398	1.216	0.0	44.175	1.176	0.0	40.633	1.35	0.0	49.053	1.323	0.0	37.204	1.08	0.0	41.88	1.02
162	4790	4791	NS	1	0.0	54.499	11.161	0.0	54.724	9.666	0.0	45.79	7.075	0.0	51.156	6.496	0.0	54.718	10.563	0.0	54.726	9.249	0.0	43.5	6.521	0.0	52.036	6.033
163	4790	4791	SN	1	0.0	51.824	5.233	0.0	49.762	5.155	0.0	40.121	3.738	0.0	42.676	3.755	0.0	54.264	4.727	0.0	51.613	4.567	0.0	41.07	3.348	0.0	44.424	3.485
164	4790	4791	NS	1	0.0	46.444	3.367	0.0	50.684	2.621	0.0	47.477	2.084	0.0	45.688	2.057	0.0	48.97	2.974	0.0	49.65	2.451	0.0	43.299	1.813	0.0	43.655	1.719
165	4791	4792	NS	1	0.0	53.101	6.695	0.0	53.375	6.685	0.0	46.084	5.146	0.0	43.472	5.047	0.0	54.938	6.299	0.0	51.318	6.197	0.0	48.05	4.911	0.0	45.283	4.834
166	4791	4792	SN	1	0.0	46.501	2.097	0.0	48.13	1.66	0.0	43.975	1.405	0.0	41.822	1.324	0.0	48.011	1.705	0.0	51.121	1.487	0.0	39.321	1.239	0.0	40.761	1.132
167	4791	4792	NS	1	0.0	51.574	2.3	0.0	50.036	2.067	0.0	45.219	1.649	0.0	39.701	1.481	0.0	49.477	2.165	0.0	50.221	1.947	0.0	44.979	1.536	0.0	37.055	1.4
168	4791	4792	SN	1	0.0	48.297	6.819	0.0	53.115	6.246	0.0	45.971	4.738	0.0	47.436	4.428	0.0	49.632	5.949	0.0	54.3	5.739	0.0	44.319	4.199	0.0	45.348	3.952
169	4792	4793	NS	1	0.0	48.681	7.601	0.0	49.17	6.676	0.0	41.675	5.386	0.0	39.967	5.36	0.0	49.935	6.765	0.0	49.928	6.134	0.0	43.291	5.065	0.0	38.882	4.93
170	4792	4793	NS	1	0.0	48.327	2.588	0.0	46.17	2.24	0.0	38.927	1.659	0.0	38.147	1.752	0.0	45.317	2.348	0.0	44.969	2.006	0.0	36.494	1.524	0.0	37.788	1.576
171	4793	4794	SN	1	0.0	49.199	6.073	0.0	53.112	6.749	0.0	42.747	5.278	0.0	45.705	5.938	0.0	50.883	5.679	0.0	52.156	6.181	0.0	42.806	4.966	0.0	47.904	5.483
172	4793	4794	SN	1	0.0	51.21	1.976	0.0	44.179	2.018	0.0	40.886	1.569	0.0	41.891	1.66	0.0	47.513	1.805	0.0	45.864	1.844	0.0	38.628	1.462	0.0	40.984	1.585
173	4794	4795	SN	1	0.0	46.184	7.133	0.0	48.118	6.034	0.0	43.878	5.114	0.0	45.131	5.204	0.0	46.922	6.384	0.0	44.319	5.588	0.0	44.518	4.766	0.0	45.59	4.635
174	4794	4795	NS	1	0.0	48.746	3.41	0.0	44.883	3.279	0.0	38.341	2.402	0.0	42.324	2.647	0.0	44.626	2.899	0.0	46.53	2.825	0.0	37.381	2.019	0.0	39.592	2.219
175	4794	4795	NS	1	0.0	48.746	3.178	0.0	44.883	3.057	0.0	38.341	2.235	0.0	42.324	2.464	0.0	44.626	2.697	0.0	46.53	2.632	0.0	37.381	1.879	0.0	39.592	2.066

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

176	4794	4795	SN	1	0.0	45.008	2.325	0.0	42.957	2.037	0.0	39.351	1.766	0.0	37.915	1.801	0.0	42.992	2.032	0.0	43.087	1.773	0.0	40.57	1.579	0.0	36.824	1.574
177	4794	4795	NS	1	0.0	47.535	9.184	0.0	50.363	8.953	0.0	43.78	6.473	0.0	47.493	6.873	0.0	48.944	8.251	0.0	49.8	8.007	0.0	42.825	5.848	0.0	43.267	6.132
178	4794	4795	NS	1	0.0	47.535	9.819	0.0	50.363	9.591	0.0	43.78	6.952	0.0	47.493	7.378	0.0	48.944	8.86	0.0	49.8	8.554	0.0	42.825	6.28	0.0	43.267	6.589
179	4795	4796	NS	1	0.0	45.807	4.519	0.0	48.423	4.146	0.0	41.605	3.025	0.0	42.949	3.002	0.0	45.382	4.239	0.0	49.055	3.961	0.0	40.55	2.991	0.0	42.05	2.956
180	4795	4796	NS	1	0.0	53.008	13.661	0.0	52.59	12.772	0.0	42.81	9.413	0.0	43.05	9.124	0.0	51.174	13.165	0.0	53.054	12.621	0.0	41.694	9.34	0.0	42.913	9.205

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

Sr No	Start Orbit	End Orbit	Dir.	Ver.	Azimuth Angle												Incidence Angle											
					Inner Aft			Inner Fore			Outer Aft			Outer Fore			Inner Aft			Inner Fore			Outer Aft			Outer Fore		
					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	4767	4768	SN	1	0.0	37.441	15.955	0.0	27.244	14.032	0.0	154.519	15.239	0.0	52.486	15.034	0.0	1.921	0.0	0.0	1.975	0.0	0.0	2.098	0.0	0.0	2.08	0.0
2	4767	4768	SN	1	0.0	27.443	10.588	0.0	28.303	10.458	0.0	155.374	5.407	0.0	58.74	5.141	0.0	1.934	0.0	0.0	1.953	0.0	0.0	2.094	0.0	0.0	2.097	0.0
3	4767	4768	SN	1	0.0	37.441	15.961	0.0	27.244	14.032	0.0	154.519	15.243	0.0	52.486	15.034	0.0	1.921	0.0	0.0	1.975	0.0	0.0	2.098	0.0	0.0	2.08	0.0
4	4767	4768	SN	1	0.0	27.443	10.592	0.0	28.303	10.458	0.0	155.374	5.411	0.0	58.74	5.141	0.0	1.934	0.0	0.0	1.953	0.0	0.0	2.094	0.0	0.0	2.097	0.0
5	4767	4768	SN	1	0.0	37.441	16.081	0.0	27.161	13.588	0.0	154.519	15.705	0.0	14.527	14.531	0.0	1.921	0.0	0.0	1.975	0.0	0.0	2.098	0.0	0.0	2.08	0.0
6	4767	4768	SN	1	0.0	27.443	10.783	0.0	28.303	10.493	0.0	155.374	5.657	0.0	14.3	5.145	0.0	1.934	0.0	0.0	1.953	0.0	0.0	2.094	0.0	0.0	2.097	0.0
7	4768	4769	NS	1	0.0	25.562	15.282	0.0	37.656	15.529	0.0	141.705	12.488	0.0	33.857	12.854	0.0	1.903	0.0	0.0	1.919	0.0	0.0	2.03	0.0	0.0	2.039	0.0
8	4768	4769	SN	1	0.0	37.629	16.095	0.0	27.244	13.903	0.0	158.264	15.398	0.0	20.907	14.909	0.0	1.931	0.0	0.0	1.94	0.0	0.0	2.084	0.0	0.0	2.077	0.0
9	4768	4769	SN	1	0.0	27.52	10.647	0.0	28.303	10.552	0.0	159.317	5.492	0.0	14.295	5.2	0.0	1.93	0.0	0.0	1.953	0.0	0.0	2.084	0.0	0.0	2.111	0.0
10	4768	4769	SN	1	0.0	37.629	16.018	0.0	27.244	14.102	0.0	158.264	15.236	0.0	53.628	15.088	0.0	1.931	0.0	0.0	1.94	0.0	0.0	2.084	0.0	0.0	2.077	0.0
11	4768	4769	SN	1	0.0	27.52	10.572	0.0	28.303	10.536	0.0	159.317	5.409	0.0	57.251	5.249	0.0	1.93	0.0	0.0	1.953	0.0	0.0	2.084	0.0	0.0	2.111	0.0
12	4768	4769	NS	1	0.0	25.976	9.076	0.0	28.408	9.48	0.0	143.933	2.93	0.0	43.557	3.294	0.0	1.893	0.0	0.0	1.903	0.0	0.0	2.025	0.0	0.0	2.034	0.0
13	4768	4769	SN	1	0.0	27.52	10.58	0.0	28.303	10.536	0.0	159.317	5.415	0.0	57.251	5.249	0.0	1.93	0.0	0.0	1.953	0.0	0.0	2.084	0.0	0.0	2.111	0.0
14	4768	4769	SN	1	0.0	37.629	16.037	0.0	27.244	14.102	0.0	158.264	15.241	0.0	53.628	15.088	0.0	1.931	0.0	0.0	1.94	0.0	0.0	2.084	0.0	0.0	2.077	0.0
15	4769	4770	NS	1	0.0	25.512	15.398	0.0	38.633	15.537	0.0	355.897	12.437	0.0	37.844	12.885	0.0	1.902	0.0	0.0	1.919	0.0	0.0	2.03	0.0	0.0	2.037	0.0
16	4769	4770	SN	1	0.0	27.432	10.591	0.0	28.308	10.481	0.0	156.742	5.41	0.0	139.626	5.267	0.0	1.931	0.0	0.0	1.953	0.0	0.0	2.084	0.0	0.0	2.099	0.0
17	4769	4770	SN	1	0.0	27.432	10.66	0.0	28.308	10.501	0.0	156.742	5.487	0.0	14.306	5.204	0.0	1.931	0.0	0.0	1.953	0.0	0.0	2.084	0.0	0.0	2.099	0.0
18	4769	4770	NS	1	0.0	25.981	9.087	0.0	28.325	9.476	0.0	355.897	2.932	0.0	47.925	3.312	0.0	1.894	0.0	0.0	1.903	0.0	0.0	2.024	0.0	0.0	2.033	0.0
19	4769	4770	SN	1	0.0	35.329	16.12	0.0	27.239	13.898	0.0	165.009	15.414	0.0	19.678	14.905	0.0	1.919	0.0	0.0	1.972	0.0	0.0	2.084	0.0	0.0	2.099	0.0
20	4769	4770	SN	1	0.0	27.432	10.588	0.0	28.308	10.481	0.0	156.742	5.409	0.0	139.626	5.267	0.0	1.931	0.0	0.0	1.953	0.0	0.0	2.084	0.0	0.0	2.099	0.0
21	4769	4770	SN	1	0.0	35.329	16.043	0.0	28.093	14.057	0.0	165.009	15.259	0.0	68.414	15.106	0.0	1.919	0.0	0.0	1.972	0.0	0.0	2.084	0.0	0.0	2.099	0.0
22	4769	4770	NS	1	0.0	25.981	9.101	0.0	28.325	9.476	0.0	355.897	2.935	0.0	44.081	3.323	0.0	1.894	0.0	0.0	1.903	0.0	0.0	2.024	0.0	0.0	2.033	0.0
23	4769	4770	SN	1	0.0	35.329	16.043	0.0	28.093	14.057	0.0	165.009	15.252	0.0	68.414	15.106	0.0	1.919	0.0	0.0	1.972	0.0	0.0	2.084	0.0	0.0	2.099	0.0
24	4769	4770	NS	1	0.0	25.424	15.367	0.0	38.042	15.527	0.0	355.897	12.452	0.0	37.822	12.871	0.0	1.902	0.0	0.0	1.919	0.0	0.0	2.031	0.0	0.0	2.037	0.0
25	4770	4771	SN	1	0.0	9.105	0.0	1.401	1.401	0.0	0.0	7.688	0.0	100000.0	-100000.0	0.0	0.0	1.827	0.0	0.001	0.001	0.0	0.0	1.983	0.0	100000.0	-100000.0	0.0
26	4770	4771	SN	1	0.0	27.459	10.585	0.0	28.314	10.506	0.0	151.905	5.465	0.0	65.91	5.265	0.0	1.931	0.0	0.0	1.952	0.0	0.0	2.085	0.0	0.0	2.09	0.0
27	4770	4771	NS	1	0.0	25.981	9.058	0.0	28.375	9.465	0.0	146.829	2.925	0.0	54.962	3.312	0.0	1.894	0.0	0.0	1.905	0.0	0.0	2.025	0.0	0.0	2.039	0.0
28	4770	4771	SN	1	0.0	9.232	0.0	0.0	0.0	0.0	0.0	6.833	0.0	100000.0	-100000.0	0.0	0.0	1.821	0.0	0.0	0.0	0.0	0.0	1.989	0.0	100000.0	-100000.0	0.0
29	4770	4771	NS	1	0.0	25.424	25.051	0.0	29.081	10.126	0.0	146.415	26.292	0.0	12.684	5.927	0.0	1.899	0.0	0.0	1.841	0.0	0.0	2.01	0.0	0.0	2.009	0.0
30	4770	4771	NS	1	0.0	22.6	11.889	0.0	24.145	6.309	0.0	153.397	4.097	0.0	10.622	1.225	0.0	1.882	0.0	0.0	1.841	0.0	0.0	2.006	0.0	0.0	2.009	0.0
31	4770	4771	NS	1	0.0	25.551	15.339	0.0	38.296	15.53	0.0	150.998	12.461	0.0	47.561	12.852	0.0	1.903	0.0	0.0	1.921	0.0	0.0	2.031	0.0	0.0	2.043	0.0

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle	Normal	Deviations
	Range	10.0	3.0	Alarming	High Errors

32	4770	4771	SN	1	0.0	35.825	16.034	0.0	27.239	14.057	0.0	149.991	15.229	0.0	66.66	15.129	0.0	1.918	0.0	0.0	1.945	0.0	0.0	2.085	0.0	0.0	2.116	0.0
33	4771	4772	NS	1	0.0	25.976	9.062	0.0	28.375	9.465	0.0	173.262	2.924	0.0	44.026	3.33	0.0	1.894	0.0	0.0	1.902	0.0	0.0	2.025	0.0	0.0	2.034	0.0
34	4771	4772	SN	1	0.0	27.542	10.61	0.0	28.297	10.497	0.0	184.526	5.457	0.0	61.939	5.249	0.0	1.93	0.0	0.0	1.951	0.0	0.0	2.085	0.0	0.0	2.113	0.0
35	4771	4772	SN	1	0.0	27.542	10.749	0.0	28.297	10.514	0.0	184.521	5.617	0.0	14.3	5.189	0.0	1.93	0.0	0.0	1.951	0.0	0.0	2.084	0.0	0.0	2.113	0.0
36	4771	4772	NS	1	0.0	25.976	9.056	0.0	28.38	9.467	0.0	173.262	2.918	0.0	45.923	3.314	0.0	1.894	0.0	0.0	1.903	0.0	0.0	2.025	0.0	0.0	2.034	0.0
37	4771	4772	SN	1	0.0	37.469	16.053	0.0	27.239	14.035	0.0	187.891	15.336	0.0	53.76	15.086	0.0	1.914	0.0	0.0	1.943	0.0	0.0	2.084	0.0	0.0	2.119	0.0
38	4771	4772	NS	1	0.0	25.512	15.24	0.0	38.594	15.551	0.0	125.794	12.424	0.0	33.967	12.881	0.0	1.902	0.0	0.0	1.919	0.0	0.0	2.03	0.0	0.0	2.038	0.0
39	4771	4772	NS	1	0.0	25.204	15.329	0.0	38.357	15.595	0.0	168.856	12.483	0.0	49.436	12.883	0.0	1.902	0.0	0.0	1.919	0.0	0.0	2.03	0.0	0.0	2.039	0.0
40	4771	4772	SN	1	0.0	37.469	16.164	0.0	27.239	13.701	0.0	187.891	15.618	0.0	15.321	14.662	0.0	1.914	0.0	0.0	1.943	0.0	0.0	2.084	0.0	0.0	2.119	0.0
41	4771	4772	SN	1	0.0	37.463	16.051	0.0	27.239	14.025	0.0	187.874	15.314	0.0	53.76	15.065	0.0	1.92	0.0	0.0	1.933	0.0	0.0	2.085	0.0	0.0	2.119	0.0
42	4771	4772	SN	1	0.0	27.542	10.615	0.0	28.297	10.49	0.0	184.521	5.446	0.0	61.939	5.232	0.0	1.93	0.0	0.0	1.951	0.0	0.0	2.084	0.0	0.0	2.113	0.0
43	4772	4773	SN	1	0.0	37.778	16.091	0.0	27.145	13.595	0.0	186.561	15.705	0.0	14.543	14.558	0.0	1.918	0.0	0.0	1.952	0.0	0.0	2.084	0.0	0.0	2.084	0.0
44	4772	4773	NS	1	0.0	25.97	9.059	0.0	28.369	9.484	0.0	137.337	2.962	0.0	46.497	3.315	0.0	1.895	0.0	0.0	1.904	0.0	0.0	2.025	0.0	0.0	2.042	0.0
45	4772	4773	NS	1	0.0	25.193	15.242	0.0	38.572	15.522	0.0	355.869	12.582	0.0	35.555	12.848	0.0	1.906	0.0	0.0	1.919	0.0	0.0	2.03	0.0	0.0	2.049	0.0
46	4772	4773	SN	1	0.0	27.597	10.608	0.0	28.308	10.463	0.0	169.917	5.427	0.0	61.046	5.228	0.0	1.931	0.0	0.0	1.953	0.0	0.0	2.085	0.0	0.0	2.094	0.0
47	4772	4773	SN	1	0.0	27.597	10.603	0.0	28.308	10.463	0.0	169.917	5.422	0.0	61.046	5.228	0.0	1.931	0.0	0.0	1.953	0.0	0.0	2.085	0.0	0.0	2.094	0.0
48	4772	4773	SN	1	0.0	37.778	15.994	0.0	27.244	14.054	0.0	186.561	15.269	0.0	52.249	15.069	0.0	1.918	0.0	0.0	1.952	0.0	0.0	2.084	0.0	0.0	2.084	0.0
49	4772	4773	SN	1	0.0	37.778	15.981	0.0	27.244	14.054	0.0	186.561	15.259	0.0	52.249	15.069	0.0	1.918	0.0	0.0	1.952	0.0	0.0	2.084	0.0	0.0	2.084	0.0
50	4772	4773	SN	1	0.0	27.597	10.8	0.0	28.308	10.494	0.0	169.917	5.671	0.0	14.306	5.229	0.0	1.931	0.0	0.0	1.953	0.0	0.0	2.085	0.0	0.0	2.094	0.0
51	4773	4774	NS	1	0.0	25.033	15.364	0.0	38.544	15.6	0.0	136.052	12.593	0.0	51.405	12.786	0.0	1.904	0.0	0.0	1.92	0.0	0.0	2.03	0.0	0.0	2.039	0.0
52	4773	4774	NS	1	0.0	25.22	15.374	0.0	38.544	15.59	0.0	136.019	12.571	0.0	51.433	12.793	0.0	1.904	0.0	0.0	1.921	0.0	0.0	2.03	0.0	0.0	2.039	0.0
53	4773	4774	SN	1	0.0	37.452	16.098	0.0	27.239	14.034	0.0	153.449	15.29	0.0	63.798	15.061	0.0	1.912	0.0	0.0	1.933	0.0	0.0	2.085	0.0	0.0	2.089	0.0
54	4773	4774	SN	1	0.0	37.452	16.275	0.0	27.073	13.543	0.0	153.449	15.92	0.0	15.332	14.443	0.0	1.912	0.0	0.0	1.933	0.0	0.0	2.085	0.0	0.0	2.089	0.0
55	4773	4774	SN	1	0.0	27.387	10.875	0.0	28.297	10.483	0.0	164.783	5.782	0.0	14.311	5.275	0.0	1.93	0.0	0.0	1.954	0.0	0.0	2.084	0.0	0.0	2.093	0.0
56	4773	4774	NS	1	0.0	25.976	9.071	0.0	28.353	9.487	0.0	129.137	2.954	0.0	51.256	3.297	0.0	1.894	0.0	0.0	1.903	0.0	0.0	2.026	0.0	0.0	2.034	0.0
57	4773	4774	SN	1	0.0	37.452	16.098	0.0	27.239	14.034	0.0	153.449	15.286	0.0	63.798	15.061	0.0	1.912	0.0	0.0	1.933	0.0	0.0	2.085	0.0	0.0	2.089	0.0
58	4773	4774	NS	1	0.0	25.992	9.078	0.0	28.353	9.485	0.0	129.197	2.956	0.0	51.223	3.295	0.0	1.895	0.0	0.0	1.903	0.0	0.0	2.026	0.0	0.0	2.034	0.0
59	4773	4774	SN	1	0.0	27.387	10.607	0.0	28.297	10.437	0.0	164.783	5.429	0.0	59.645	5.194	0.0	1.93	0.0	0.0	1.954	0.0	0.0	2.084	0.0	0.0	2.093	0.0
60	4773	4774	SN	1	0.0	27.387	10.606	0.0	28.297	10.437	0.0	164.783	5.426	0.0	59.645	5.195	0.0	1.93	0.0	0.0	1.954	0.0	0.0	2.084	0.0	0.0	2.093	0.0
61	4774	4775	NS	1	0.0	25.976	9.112	0.0	28.386	9.514	0.0	149.437	2.941	0.0	39.614	3.264	0.0	1.893	0.0	0.0	1.903	0.0	0.0	2.026	0.0	0.0	2.037	0.0
62	4774	4775	SN	1	0.0	35.142	16.063	0.0	27.239	14.057	0.0	162.031	15.237	0.0	53.937	15.086	0.0	1.915	0.0	0.0	1.949	0.0	0.0	2.084	0.0	0.0	2.105	0.0
63	4774	4775	NS	1	0.0	25.976	9.108	0.0	28.386	9.503	0.0	149.36	2.935	0.0	39.653	3.253	0.0	1.893	0.0	0.0	1.904	0.0	0.0	2.026	0.0	0.0	2.037	0.0
64	4774	4775	NS	1	0.0	25.215	15.355	0.0	38.373	15.601	0.0	145.235	12.481	0.0	33.923	12.746	0.0	1.906	0.0	0.0	1.919	0.0	0.0	2.03	0.0	0.0	2.038	0.0
65	4774	4775	SN	1	0.0	27.597	10.547	0.0	28.297	10.445	0.0	150.642	5.413	0.0	68.915	5.138	0.0	1.929	0.0	0.0	1.951	0.0	0.0	2.083	0.0	0.0	2.101	0.0
66	4774	4775	NS	1	0.0	25.215	15.345	0.0	38.373	15.57	0.0	145.169	12.51	0.0	33.939	12.696	0.0	1.905	0.0	0.0	1.919	0.0	0.0	2.029	0.0	0.0	2.038	0.0
67	4774	4775	SN	1	0.0	35.142	16.385	0.0	26.803	13.467	0.0	162.031	16.1	0.0	14.527	14.376	0.0	1.915	0.0	0.0	1.949	0.0	0.0	2.084	0.0	0.0	2.105	0.0
68	4774	4775	SN	1	0.0	27.597	10.92	0.0	28.297	10.53	0.0	150.642	5.918	0.0	14.295	5.332	0.0	1.929	0.0	0.0	1.951	0.0	0.0	2.083	0.0	0.0	2.101	0.0

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

69	4774	4775	SN	1	0.0	35.142	16.063	0.0	27.239	14.057	0.0	162.031	15.237	0.0	53.937	15.086	0.0	1.915	0.0	0.0	1.949	0.0	0.0	2.084	0.0	0.0	2.105	0.0
70	4774	4775	SN	1	0.0	27.597	10.547	0.0	28.297	10.445	0.0	150.642	5.413	0.0	68.915	5.138	0.0	1.929	0.0	0.0	1.951	0.0	0.0	2.083	0.0	0.0	2.101	0.0
71	4775	4776	NS	1	0.0	25.987	9.106	0.0	28.281	9.507	0.0	135.788	2.945	0.0	53.545	3.269	0.0	1.895	0.0	0.0	1.904	0.0	0.0	2.026	0.0	0.0	2.035	0.0
72	4775	4776	NS	1	0.0	25.413	15.328	0.0	38.611	15.558	0.0	355.902	12.576	0.0	38.417	12.77	0.0	1.904	0.0	0.0	1.919	0.0	0.0	2.031	0.0	0.0	2.038	0.0
73	4775	4776	SN	1	0.0	27.492	10.557	0.0	28.303	10.444	0.0	159.174	5.368	0.0	61.994	5.138	0.0	1.929	0.0	0.0	1.927	0.0	0.0	2.085	0.0	0.0	2.1	0.0
74	4775	4776	SN	1	0.0	37.75	16.058	0.0	27.128	14.045	0.0	163.68	15.283	0.0	73.25	15.09	0.0	1.907	0.0	0.0	1.946	0.0	0.0	2.084	0.0	0.0	2.106	0.0
75	4775	4776	NS	1	0.0	25.987	9.106	0.0	28.281	9.507	0.0	135.788	2.945	0.0	53.545	3.269	0.0	1.895	0.0	0.0	1.904	0.0	0.0	2.026	0.0	0.0	2.035	0.0
76	4775	4776	NS	1	0.0	25.413	15.328	0.0	38.611	15.558	0.0	355.902	12.576	0.0	38.417	12.77	0.0	1.904	0.0	0.0	1.919	0.0	0.0	2.031	0.0	0.0	2.038	0.0
77	4776	4777	NS	1	0.0	25.005	15.265	0.0	38.296	15.581	0.0	137.056	12.513	0.0	48.118	12.759	0.0	1.902	0.0	0.0	1.919	0.0	0.0	2.029	0.0	0.0	2.039	0.0
78	4776	4777	NS	1	0.0	25.005	15.265	0.0	38.296	15.581	0.0	137.056	12.513	0.0	48.118	12.759	0.0	1.902	0.0	0.0	1.919	0.0	0.0	2.029	0.0	0.0	2.039	0.0
79	4776	4777	SN	1	0.0	37.408	16.056	0.0	27.139	14.071	0.0	159.422	15.179	0.0	52.613	15.038	0.0	1.926	0.0	0.0	1.943	0.0	0.0	2.084	0.0	0.0	2.084	0.0
80	4776	4777	NS	1	0.0	25.987	9.085	0.0	28.358	9.494	0.0	352.698	2.93	0.0	51.516	3.265	0.0	1.894	0.0	0.0	1.903	0.0	0.0	2.025	0.0	0.0	2.035	0.0
81	4776	4777	NS	1	0.0	25.987	9.085	0.0	28.358	9.494	0.0	352.698	2.93	0.0	51.516	3.265	0.0	1.894	0.0	0.0	1.903	0.0	0.0	2.025	0.0	0.0	2.035	0.0
82	4776	4777	SN	1	0.0	27.448	10.55	0.0	28.308	10.443	0.0	161.253	5.366	0.0	59.507	5.117	0.0	1.929	0.0	0.0	1.926	0.0	0.0	2.086	0.0	0.0	2.102	0.0
83	4777	4778	NS	1	0.0	25.193	15.323	0.0	38.368	15.611	0.0	148.031	12.544	0.0	33.835	12.682	0.0	1.904	0.0	0.0	1.921	0.0	0.0	2.031	0.0	0.0	2.04	0.0
84	4777	4778	NS	1	0.0	25.976	9.082	0.0	28.32	9.501	0.0	351.722	2.939	0.0	43.061	3.24	0.0	1.894	0.0	0.0	1.905	0.0	0.0	2.027	0.0	0.0	2.037	0.0
85	4782	4783	SN	1	0.0	27.481	10.532	0.0	28.281	10.501	0.0	160.779	5.238	0.0	76.248	5.148	0.0	1.928	0.0	0.0	1.922	0.0	0.0	2.084	0.0	0.0	2.095	0.0
86	4782	4783	SN	1	0.0	37.375	16.113	0.0	27.079	14.055	0.0	160.779	15.209	0.0	270.922	15.058	0.0	1.929	0.0	0.0	1.939	0.0	0.0	2.083	0.0	0.0	2.105	0.0
87	4782	4783	SN	1	0.0	37.375	16.097	0.0	27.079	14.055	0.0	160.779	15.204	0.0	270.922	15.058	0.0	1.929	0.0	0.0	1.939	0.0	0.0	2.083	0.0	0.0	2.105	0.0
88	4782	4783	SN	1	0.0	27.481	10.633	0.0	28.281	10.531	0.0	160.779	5.341	0.0	76.248	5.089	0.0	1.928	0.0	0.0	1.922	0.0	0.0	2.084	0.0	0.0	2.095	0.0
89	4782	4783	NS	1	0.0	25.215	15.307	0.0	38.285	15.646	0.0	352.748	12.716	0.0	48.598	12.486	0.0	1.903	0.0	0.0	1.92	0.0	0.0	2.03	0.0	0.0	2.04	0.0
90	4782	4783	NS	1	0.0	25.987	9.137	0.0	28.358	9.505	0.0	352.726	2.965	0.0	42.184	3.062	0.0	1.894	0.0	0.0	1.904	0.0	0.0	2.028	0.0	0.0	2.036	0.0
91	4782	4783	SN	1	0.0	37.375	16.187	0.0	27.079	13.808	0.0	160.779	15.39	0.0	270.922	14.763	0.0	1.929	0.0	0.0	1.939	0.0	0.0	2.083	0.0	0.0	2.105	0.0
92	4782	4783	SN	1	0.0	27.481	10.535	0.0	28.281	10.501	0.0	160.779	5.232	0.0	76.248	5.148	0.0	1.928	0.0	0.0	1.922	0.0	0.0	2.084	0.0	0.0	2.095	0.0
93	4783	4784	SN	1	0.0	37.728	16.086	0.0	27.233	14.012	0.0	164.694	15.357	0.0	19.937	14.902	0.0	1.923	0.0	0.0	1.953	0.0	0.0	2.083	0.0	0.0	2.096	0.0
94	4783	4784	SN	1	0.0	37.728	16.086	0.0	27.233	14.012	0.0	164.694	15.357	0.0	19.937	14.902	0.0	1.923	0.0	0.0	1.953	0.0	0.0	2.083	0.0	0.0	2.096	0.0
95	4783	4784	SN	1	0.0	37.728	16.031	0.0	27.233	14.123	0.0	164.694	15.239	0.0	60.318	15.055	0.0	1.923	0.0	0.0	1.953	0.0	0.0	2.083	0.0	0.0	2.096	0.0
96	4783	4784	NS	1	0.0	25.022	15.242	0.0	38.572	15.617	0.0	147.628	12.659	0.0	34.778	12.598	0.0	1.903	0.0	0.0	1.921	0.0	0.0	2.03	0.0	0.0	2.041	0.0
97	4783	4784	NS	1	0.0	25.992	9.133	0.0	28.308	9.513	0.0	148.207	2.978	0.0	35.919	3.12	0.0	1.894	0.0	0.0	1.904	0.0	0.0	2.027	0.0	0.0	2.035	0.0
98	4783	4784	NS	1	0.0	25.992	9.135	0.0	28.308	9.511	0.0	148.362	2.987	0.0	35.903	3.116	0.0	1.893	0.0	0.0	1.904	0.0	0.0	2.027	0.0	0.0	2.035	0.0
99	4783	4784	SN	1	0.0	27.509	10.537	0.0	28.281	10.494	0.0	152.859	5.243	0.0	64.79	5.135	0.0	1.927	0.0	0.0	1.952	0.0	0.0	2.084	0.0	0.0	2.102	0.0
100	4783	4784	NS	1	0.0	25.022	15.242	0.0	38.572	15.615	0.0	147.761	12.652	0.0	34.767	12.605	0.0	1.903	0.0	0.0	1.92	0.0	0.0	2.03	0.0	0.0	2.041	0.0
101	4783	4784	SN	1	0.0	27.509	10.598	0.0	28.281	10.512	0.0	152.859	5.309	0.0	14.278	5.084	0.0	1.927	0.0	0.0	1.952	0.0	0.0	2.084	0.0	0.0	2.102	0.0
102	4783	4784	SN	1	0.0	27.509	10.598	0.0	28.281	10.512	0.0	152.859	5.309	0.0	14.278	5.084	0.0	1.927	0.0	0.0	1.952	0.0	0.0	2.084	0.0	0.0	2.102	0.0
103	4784	4785	SN	1	0.0	37.485	16.09	0.0	27.233	14.034	0.0	158.611	15.172	0.0	69.649	15.012	0.0	1.911	0.0	0.0	1.942	0.0	0.0	2.085	0.0	0.0	2.094	0.0
104	4784	4785	SN	1	0.0	27.531	10.545	0.0	28.292	10.462	0.0	163.851	5.279	0.0	60.759	5.135	0.0	1.927	0.0	0.0	1.93	0.0	0.0	2.085	0.0	0.0	2.095	0.0
105	4784	4785	NS	1	0.0	25.027	15.324	0.0	38.583	15.59	0.0	354.706	12.586	0.0	36.029	12.623	0.0	1.903	0.0	0.0	1.919	0.0	0.0	2.03	0.0	0.0	2.041	0.0

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

106	4784	4785	SN	1	0.0	27.531	10.614	0.0	28.292	10.483	0.0	163.851	5.36	0.0	14.289	5.08	0.0	1.927	0.0	0.0	1.93	0.0	0.0	2.085	0.0	0.0	2.095	0.0
107	4784	4785	NS	1	0.0	25.987	9.13	0.0	28.342	9.512	0.0	355.891	2.954	0.0	49.58	3.199	0.0	1.894	0.0	0.0	1.905	0.0	0.0	2.025	0.0	0.0	2.036	0.0
108	4784	4785	NS	1	0.0	25.987	9.13	0.0	28.342	9.512	0.0	355.891	2.954	0.0	49.58	3.199	0.0	1.894	0.0	0.0	1.905	0.0	0.0	2.025	0.0	0.0	2.036	0.0
109	4784	4785	SN	1	0.0	37.485	16.101	0.0	27.233	14.034	0.0	158.611	15.177	0.0	69.649	15.012	0.0	1.911	0.0	0.0	1.942	0.0	0.0	2.085	0.0	0.0	2.094	0.0
110	4784	4785	SN	1	0.0	27.531	10.543	0.0	28.292	10.462	0.0	163.851	5.277	0.0	60.759	5.135	0.0	1.927	0.0	0.0	1.93	0.0	0.0	2.085	0.0	0.0	2.095	0.0
111	4784	4785	NS	1	0.0	25.027	15.324	0.0	38.583	15.59	0.0	354.706	12.586	0.0	36.029	12.623	0.0	1.903	0.0	0.0	1.919	0.0	0.0	2.03	0.0	0.0	2.041	0.0
112	4784	4785	SN	1	0.0	37.485	16.156	0.0	27.233	13.828	0.0	158.611	15.319	0.0	17.505	14.777	0.0	1.911	0.0	0.0	1.942	0.0	0.0	2.085	0.0	0.0	2.094	0.0
113	4785	4786	SN	1	0.0	35.158	16.105	0.0	27.228	13.996	0.0	157.668	15.258	0.0	52.233	15.043	0.0	1.915	0.0	0.0	1.951	0.0	0.0	2.084	0.0	0.0	2.113	0.0
114	4785	4786	SN	1	0.0	27.432	10.652	0.0	28.286	10.503	0.0	156.576	5.413	0.0	174.238	5.105	0.0	1.93	0.0	0.0	1.951	0.0	0.0	2.084	0.0	0.0	2.103	0.0
115	4785	4786	NS	1	0.0	25.193	15.335	0.0	38.285	15.611	0.0	352.819	12.567	0.0	33.3	12.532	0.0	1.903	0.0	0.0	1.92	0.0	0.0	2.029	0.0	0.0	2.04	0.0
116	4785	4786	NS	1	0.0	25.193	15.335	0.0	38.291	15.611	0.0	352.825	12.581	0.0	33.305	12.539	0.0	1.903	0.0	0.0	1.921	0.0	0.0	2.029	0.0	0.0	2.041	0.0
117	4785	4786	NS	1	0.0	25.992	9.137	0.0	28.325	9.501	0.0	140.751	2.956	0.0	41.98	3.203	0.0	1.893	0.0	0.0	1.905	0.0	0.0	2.025	0.0	0.0	2.035	0.0
118	4785	4786	SN	1	0.0	27.432	10.545	0.0	28.286	10.474	0.0	156.576	5.289	0.0	174.238	5.158	0.0	1.93	0.0	0.0	1.951	0.0	0.0	2.084	0.0	0.0	2.103	0.0
119	4785	4786	SN	1	0.0	27.432	10.543	0.0	28.286	10.468	0.0	156.576	5.289	0.0	174.238	5.16	0.0	1.93	0.0	0.0	1.951	0.0	0.0	2.084	0.0	0.0	2.103	0.0
120	4785	4786	NS	1	0.0	25.992	9.132	0.0	28.364	9.485	0.0	140.795	2.956	0.0	41.997	3.2	0.0	1.893	0.0	0.0	1.905	0.0	0.0	2.025	0.0	0.0	2.036	0.0
121	4785	4786	SN	1	0.0	35.158	16.18	0.0	27.228	13.731	0.0	157.668	15.457	0.0	15.348	14.714	0.0	1.915	0.0	0.0	1.951	0.0	0.0	2.084	0.0	0.0	2.113	0.0
122	4785	4786	SN	1	0.0	35.158	16.105	0.0	27.228	13.976	0.0	157.668	15.258	0.0	52.255	15.043	0.0	1.915	0.0	0.0	1.951	0.0	0.0	2.084	0.0	0.0	2.113	0.0
123	4786	4787	SN	1	0.0	27.465	10.528	0.0	28.281	10.45	0.0	179.044	5.324	0.0	39.09	5.141	0.0	1.927	0.0	0.0	1.925	0.0	0.0	2.086	0.0	0.0	2.099	0.0
124	4786	4787	NS	1	0.0	25.209	15.266	0.0	38.555	15.578	0.0	174.646	12.656	0.0	37.105	12.535	0.0	1.914	0.0	0.0	1.919	0.0	0.0	2.031	0.0	0.0	2.04	0.0
125	4786	4787	SN	1	0.0	37.596	16.066	0.0	27.095	14.042	0.0	192.242	15.241	0.0	44.986	15.005	0.0	1.913	0.0	0.0	1.943	0.0	0.0	2.084	0.0	0.0	2.101	0.0
126	4786	4787	NS	1	0.0	25.209	15.266	0.0	38.555	15.578	0.0	174.646	12.656	0.0	37.105	12.535	0.0	1.914	0.0	0.0	1.919	0.0	0.0	2.031	0.0	0.0	2.04	0.0
127	4786	4787	NS	1	0.0	25.209	15.266	0.0	38.555	15.578	0.0	174.646	12.656	0.0	37.105	12.535	0.0	1.914	0.0	0.0	1.919	0.0	0.0	2.031	0.0	0.0	2.04	0.0
128	4786	4787	SN	1	0.0	37.596	16.066	0.0	27.095	14.042	0.0	192.236	15.248	0.0	44.986	15.005	0.0	1.915	0.0	0.0	1.943	0.0	0.0	2.084	0.0	0.0	2.1	0.0
129	4786	4787	SN	1	0.0	27.47	10.533	0.0	28.281	10.459	0.0	179.05	5.322	0.0	39.09	5.143	0.0	1.927	0.0	0.0	1.925	0.0	0.0	2.086	0.0	0.0	2.098	0.0
130	4786	4787	NS	1	0.0	25.987	9.121	0.0	28.209	9.509	0.0	180.983	2.98	0.0	36.581	3.14	0.0	1.894	0.0	0.0	1.904	0.0	0.0	2.027	0.0	0.0	2.036	0.0
131	4786	4787	NS	1	0.0	25.987	9.121	0.0	28.209	9.509	0.0	180.983	2.98	0.0	36.581	3.14	0.0	1.894	0.0	0.0	1.904	0.0	0.0	2.027	0.0	0.0	2.036	0.0
132	4786	4787	NS	1	0.0	25.987	9.121	0.0	28.209	9.509	0.0	180.983	2.98	0.0	36.581	3.14	0.0	1.894	0.0	0.0	1.904	0.0	0.0	2.027	0.0	0.0	2.036	0.0
133	4787	4788	NS	1	0.0	25.992	9.135	0.0	28.303	9.517	0.0	354.728	2.966	0.0	53.143	3.102	0.0	1.893	0.0	0.0	1.905	0.0	0.0	2.027	0.0	0.0	2.036	0.0
134	4787	4788	SN	1	0.0	27.437	10.533	0.0	28.275	10.428	0.0	172.818	5.296	0.0	121.614	5.129	0.0	1.928	0.0	0.0	1.933	0.0	0.0	2.082	0.0	0.0	2.095	0.0
135	4787	4788	NS	1	0.0	25.992	9.13	0.0	28.231	9.512	0.0	129.302	2.959	0.0	54.582	3.113	0.0	1.894	0.0	0.0	1.905	0.0	0.0	2.026	0.0	0.0	2.035	0.0
136	4787	4788	SN	1	0.0	27.437	10.53	0.0	28.275	10.434	0.0	172.846	5.294	0.0	221.27	5.127	0.0	1.928	0.0	0.0	1.933	0.0	0.0	2.084	0.0	0.0	2.095	0.0
137	4787	4788	SN	1	0.0	37.59	16.105	0.0	27.09	14.076	0.0	166.63	15.219	0.0	222.853	15.019	0.0	1.909	0.0	0.0	1.942	0.0	0.0	2.084	0.0	0.0	2.1	0.0
138	4787	4788	NS	1	0.0	25.187	15.243	0.0	38.191	15.652	0.0	354.728	12.677	0.0	46.872	12.545	0.0	1.903	0.0	0.0	1.92	0.0	0.0	2.03	0.0	0.0	2.041	0.0
139	4787	4788	SN	1	0.0	37.59	16.232	0.0	27.062	13.603	0.0	166.619	15.752	0.0	123.197	14.482	0.0	1.926	0.0	0.0	1.943	0.0	0.0	2.084	0.0	0.0	2.1	0.0
140	4787	4788	SN	1	0.0	27.437	10.756	0.0	28.275	10.471	0.0	172.818	5.574	0.0	121.614	5.17	0.0	1.928	0.0	0.0	1.933	0.0	0.0	2.082	0.0	0.0	2.095	0.0
141	4787	4788	NS	1	0.0	25.209	15.292	0.0	38.506	15.639	0.0	354.728	12.738	0.0	53.755	12.529	0.0	1.903	0.0	0.0	1.92	0.0	0.0	2.03	0.0	0.0	2.042	0.0
142	4787	4788	SN	1	0.0	37.59	16.1	0.0	27.222	14.065	0.0	166.619	15.227	0.0	123.197	15.012	0.0	1.926	0.0	0.0	1.943	0.0	0.0	2.084	0.0	0.0	2.1	0.0

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle	Normal	Deviations
	Range	10.0	3.0	Alarming	High Errors

143	4788	4789	SN	1	0.0	37.342	16.073	0.0	27.073	14.112	0.0	155.297	15.218	0.0	52.602	14.967	0.0	1.909	0.0	0.0	1.947	0.0	0.0	2.084	0.0	0.0	2.098	0.0
144	4788	4789	SN	1	0.921	37.342	16.294	0.0	26.897	13.54	0.0	155.275	15.932	0.0	14.493	14.295	0.006	1.92	0.0	0.0	1.943	0.0	0.0	2.084	0.0	0.0	2.098	0.0
145	4788	4789	NS	1	0.0	25.987	9.127	0.0	28.049	9.51	0.0	355.384	3.006	0.0	39.383	2.977	0.0	1.893	0.0	0.0	1.907	0.0	0.0	2.027	0.0	0.0	2.037	0.0
146	4788	4789	NS	1	0.0	25.987	9.149	0.0	27.906	9.524	0.0	354.066	2.998	0.0	44.567	2.969	0.0	1.894	0.0	0.0	1.904	0.0	0.0	2.026	0.0	0.0	2.037	0.0
147	4788	4789	SN	1	0.0	27.443	10.519	0.0	28.292	10.42	0.0	150.333	5.255	0.0	58.045	5.103	0.0	1.927	0.0	0.0	1.952	0.0	0.0	2.085	0.0	0.0	2.107	0.0
148	4788	4789	SN	1	0.0	37.342	16.048	0.0	27.101	14.102	0.0	155.275	15.215	0.0	52.657	14.981	0.0	1.92	0.0	0.0	1.943	0.0	0.0	2.084	0.0	0.0	2.098	0.0
149	4788	4789	SN	1	0.0	27.443	10.828	0.0	28.292	10.494	0.0	150.333	5.656	0.0	14.273	5.236	0.0	1.927	0.0	0.0	1.952	0.0	0.0	2.085	0.0	0.0	2.107	0.0
150	4788	4789	SN	1	0.0	27.443	10.516	0.0	28.292	10.429	0.0	150.333	5.245	0.0	57.963	5.082	0.0	1.927	0.0	0.0	1.952	0.0	0.0	2.086	0.0	0.0	2.107	0.0
151	4788	4789	NS	1	0.0	25.187	15.268	0.0	38.28	15.642	0.0	352.99	12.759	0.0	48.896	12.545	0.0	1.904	0.0	0.0	1.92	0.0	0.0	2.032	0.0	0.0	2.041	0.0
152	4788	4789	NS	1	0.0	25.204	15.423	0.0	38.28	15.664	0.0	354.215	12.729	0.0	33.476	12.48	0.0	1.904	0.0	0.0	1.92	0.0	0.0	2.032	0.0	0.0	2.041	0.0
153	4789	4790	SN	1	0.0	27.514	10.487	0.0	28.259	10.391	0.0	161.711	5.203	0.0	64.812	5.066	0.0	1.927	0.0	0.0	1.949	0.0	0.0	2.084	0.0	0.0	2.111	0.0
154	4789	4790	SN	1	0.0	37.502	16.093	0.0	27.062	14.058	0.0	174.803	15.166	0.0	60.814	14.996	0.0	1.912	0.0	0.0	1.942	0.0	0.0	2.083	0.0	0.0	2.113	0.0
155	4789	4790	NS	1	0.0	25.22	15.337	0.0	38.544	15.649	0.0	145.467	12.859	0.0	39.835	12.436	0.0	1.902	0.0	0.0	1.92	0.0	0.0	2.031	0.0	0.0	2.042	0.0
156	4789	4790	SN	1	0.0	37.502	16.114	0.0	27.062	14.058	0.0	174.798	15.166	0.0	60.814	14.996	0.0	1.912	0.0	0.0	1.942	0.0	0.0	2.083	0.0	0.0	2.113	0.0
157	4789	4790	NS	1	0.0	25.981	9.158	0.0	28.209	9.551	0.0	147.193	3.05	0.0	19.815	2.877	0.0	1.894	0.0	0.0	1.904	0.0	0.0	2.028	0.0	0.0	2.037	0.0
158	4789	4790	NS	1	0.0	25.981	9.149	0.0	28.104	9.542	0.0	352.709	3.059	0.0	46.922	2.896	0.0	1.895	0.0	0.0	1.904	0.0	0.0	2.027	0.0	0.0	2.037	0.0
159	4789	4790	NS	1	0.0	25.016	15.352	0.0	38.379	15.694	0.0	146.757	12.836	0.0	34.254	12.497	0.0	1.901	0.0	0.0	1.92	0.0	0.0	2.031	0.0	0.0	2.042	0.0
160	4789	4790	SN	1	0.0	27.52	10.488	0.0	28.259	10.361	0.0	161.733	5.198	0.0	70.487	5.066	0.0	1.926	0.0	0.0	1.923	0.0	0.0	2.082	0.0	0.0	2.097	0.0
161	4790	4791	SN	1	0.0	27.393	10.502	0.0	28.264	10.327	0.0	149.319	5.221	0.0	59.198	5.032	0.0	1.926	0.0	0.0	1.946	0.0	0.0	2.085	0.0	0.0	2.116	0.0
162	4790	4791	NS	1	0.0	25.198	15.337	0.0	38.517	15.69	0.0	354.788	12.9	0.0	54.174	12.472	0.0	1.903	0.0	0.0	1.921	0.0	0.0	2.032	0.0	0.0	2.042	0.0
163	4790	4791	SN	1	0.0	34.061	16.125	0.0	27.057	14.065	0.0	150.3	15.11	0.0	74.651	14.977	0.0	1.905	0.0	0.0	1.943	0.0	0.0	2.084	0.0	0.0	2.118	0.0
164	4790	4791	NS	1	0.0	25.992	9.14	0.0	28.242	9.538	0.0	135.821	3.043	0.0	56.242	2.904	0.0	1.893	0.0	0.0	1.904	0.0	0.0	2.027	0.0	0.0	2.037	0.0
165	4791	4792	NS	1	0.0	25.005	15.196	0.0	38.285	15.67	0.0	352.797	12.857	0.0	48.791	12.49	0.0	1.903	0.0	0.0	1.92	0.0	0.0	2.031	0.0	0.0	2.042	0.0
166	4791	4792	SN	1	0.0	27.354	10.492	0.0	28.286	10.329	0.0	145.706	5.221	0.0	55.52	5.027	0.0	1.926	0.0	0.0	1.919	0.0	0.0	2.085	0.0	0.0	2.092	0.0
167	4791	4792	NS	1	0.0	25.981	9.131	0.0	27.906	9.525	0.0	352.797	3.068	0.0	44.412	2.911	0.0	1.895	0.0	0.0	1.904	0.0	0.0	2.027	0.0	0.0	2.037	0.0
168	4791	4792	SN	1	0.0	37.281	16.087	0.0	27.046	14.144	0.0	151.872	15.187	0.0	52.552	15.084	0.0	1.914	0.0	0.0	1.941	0.0	0.0	2.084	0.0	0.0	2.115	0.0
169	4792	4793	NS	1	0.0	25.011	15.303	0.0	37.519	15.643	0.0	142.632	12.894	0.0	25.81	12.368	0.0	1.903	0.0	0.0	1.92	0.0	0.0	2.032	0.0	0.0	2.043	0.0
170	4792	4793	NS	1	0.0	25.981	9.151	0.0	28.077	9.536	0.0	149.106	3.058	0.0	17.449	2.823	0.0	1.895	0.0	0.0	1.904	0.0	0.0	2.027	0.0	0.0	2.037	0.0
171	4793	4794	SN	1	0.0	37.331	16.105	0.0	27.04	14.077	0.0	181.587	15.154	0.0	74.894	14.978	0.0	1.928	0.0	0.0	1.938	0.0	0.0	2.084	0.0	0.0	2.114	0.0
172	4793	4794	SN	1	0.0	27.343	10.499	0.0	28.259	10.325	0.0	176.215	5.224	0.0	61.404	5.018	0.0	1.926	0.0	0.0	1.946	0.0	0.0	2.085	0.0	0.0	2.088	0.0
173	4794	4795	SN	1	0.0	37.342	16.117	0.0	27.068	14.147	0.0	189.92	15.164	0.0	88.866	15.114	0.0	1.924	0.0	0.0	1.937	0.0	0.0	2.083	0.0	0.0	2.113	0.0
174	4794	4795	NS	1	0.0	26.003	9.341	0.0	25.071	9.559	0.0	329.888	3.254	0.0	11.775	2.553	0.0	1.895	0.0	0.0	1.906	0.0	0.0	2.028	0.0	0.0	2.037	0.0
175	4794	4795	NS	1	0.0	26.003	9.183	0.0	28.16	9.53	0.0	329.888	3.084	0.0	20.124	2.748	0.0	1.895	0.0	0.0	1.906	0.0	0.0	2.028	0.0	0.0	2.037	0.0
176	4794	4795	SN	1	0.0	27.509	10.483	0.0	28.27	10.361	0.0	183.699	5.203	0.0	111.93	5.026	0.0	1.927	0.0	0.0	1.929	0.0	0.0	2.084	0.0	0.0	2.103	0.0
177	4794	4795	NS	1	0.0	25.226	15.246	0.0	38.484	15.759	0.0	333.252	13.01	0.0	35.528	12.271	0.0	1.903	0.0	0.0	1.923	0.0	0.0	2.032	0.0	0.0	2.042	0.0
178	4794	4795	NS	1	0.0	25.226	15.464	0.0	30.487	15.228	0.0	333.252	13.461	0.0	13.92	11.476	0.0	1.903	0.0	0.0	1.923	0.0	0.0	2.032	0.0	0.0	2.042	0.0
179	4795	4796	NS	1	0.0	26.014	9.487	0.0	25.071	9.535	0.0	312.88	3.391	0.0	11.763	2.549	0.0	1.896	0.0	0.0	1.905	0.0	0.0	2.029	0.0	0.0	2.037	0.0

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

180	4795	4796	NS	1	0.0	25.209	15.772	0.0	30.09	14.991	0.0	351.011	13.86	0.0	13.473	11.225	0.0	1.903	0.0	0.0	1.92	0.0	0.0	2.032	0.0	0.0	2.044	0.0
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Parameter Specifications	Parameters	Azi.Angle	Inci.Angle	Normal	Deviations
	Range	10.0	3.0	Alarming	High Errors