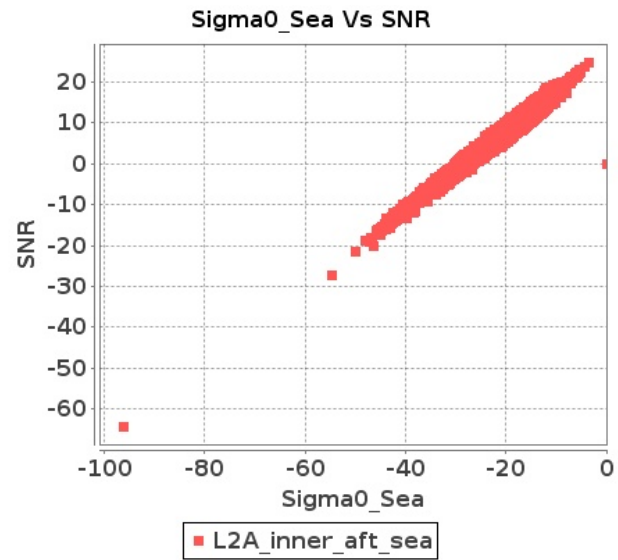


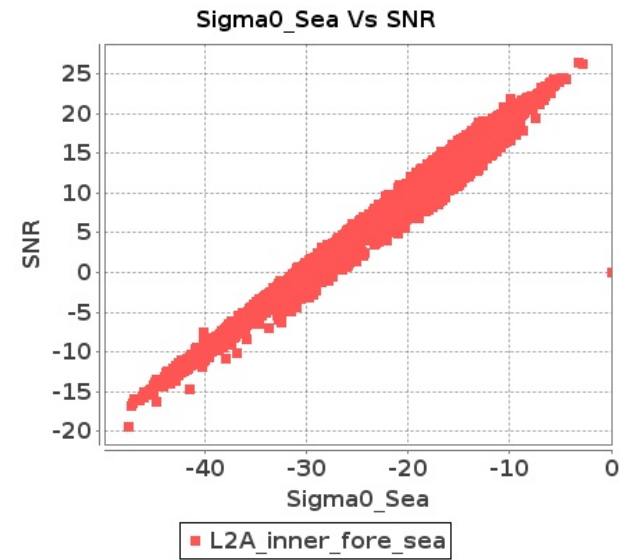
# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 30-JUL-2017 To 31-JUL-2017

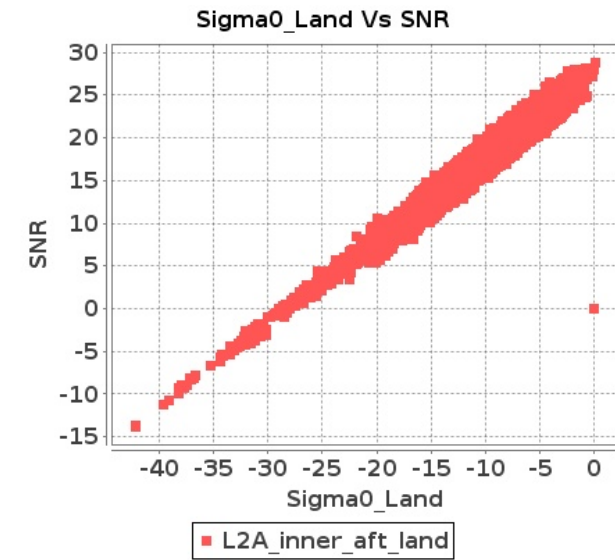
### Inner Sea Aft Sigma0VsSNR



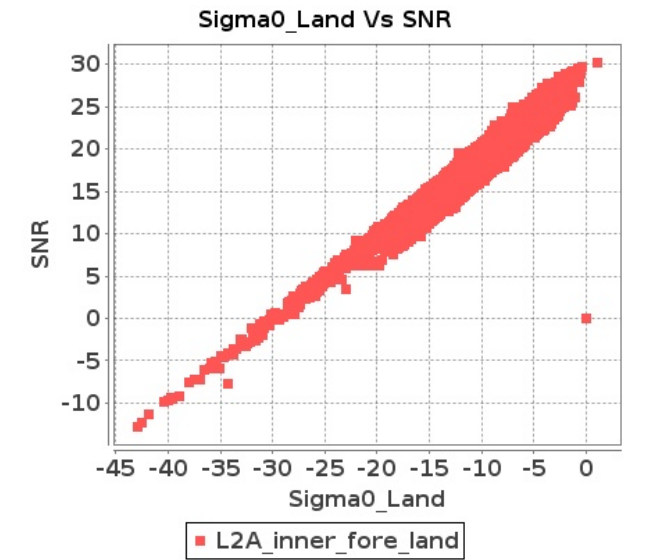
### Inner Sea Fore Sigma0VsSNR



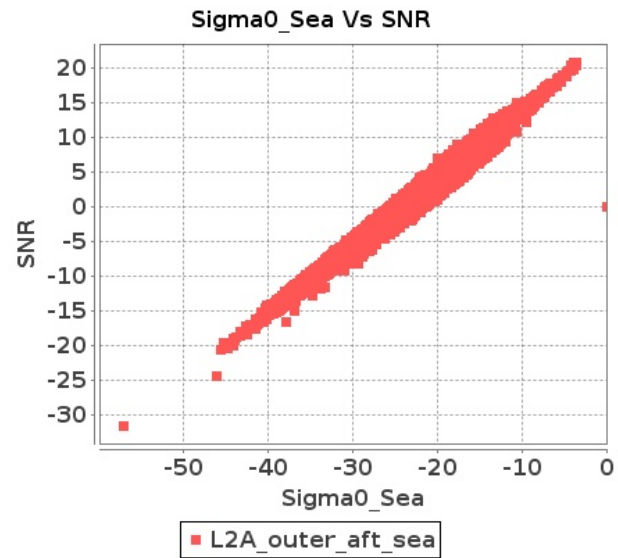
### Inner Land Aft Sigma0VsSNR



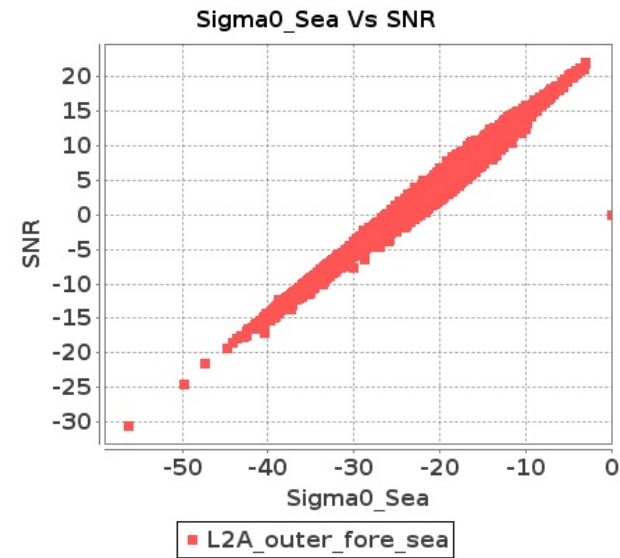
### Inner Land Fore Sigma0VsSNR



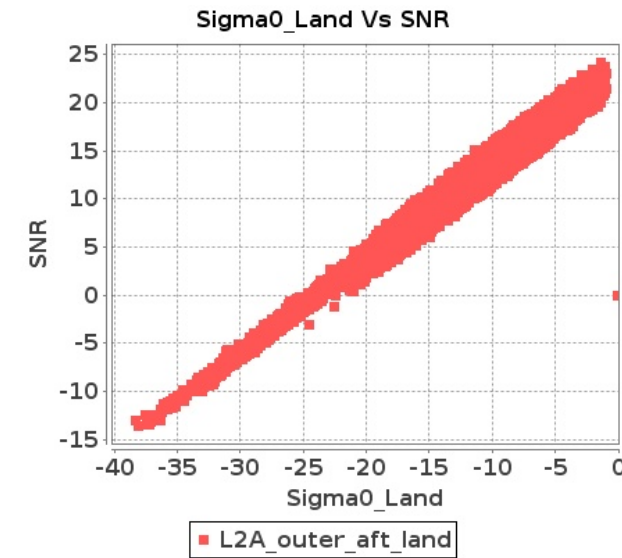
### Outer Sea Aft Sigma0VsSNR



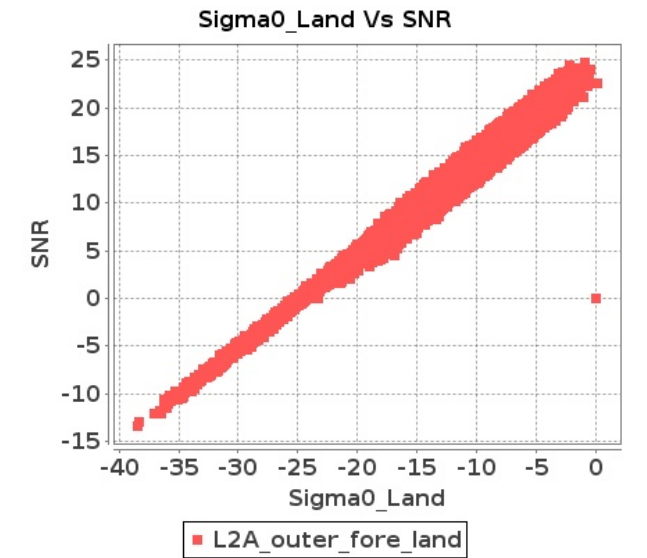
### Outer Sea Fore Sigma0VsSNR



### Outer Land Aft Sigma0VsSNR



### Outer Land Fore Sigma0VsSNR



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

Report between 30-JUL-2017 To 31-JUL-2017

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	4448	4449	SN	1	0.0	50.158	5.89	0.0	49.676	5.644	0.0	46.599	4.474	0.0	46.636	4.511	0.0	53.444	5.186	0.0	47.006	5.109	0.0	46.17	3.765	0.0	43.935	3.941
2	4448	4449	SN	1	0.0	45.012	1.966	0.0	45.013	1.874	0.0	45.872	1.358	0.0	40.336	1.21	0.0	45.543	1.635	0.0	44.037	1.61	0.0	43.985	1.151	0.0	40.199	1.025
3	4449	4450	NS	1	0.0	48.024	1.734	0.0	50.807	1.31	0.0	39.588	1.066	0.0	41.699	0.925	0.0	51.145	1.474	0.0	47.475	1.16	0.0	37.997	0.936	0.0	41.337	0.836
4	4449	4450	SN	1	0.0	43.715	2.364	0.0	42.443	1.954	0.0	45.223	1.774	0.0	41.531	1.683	0.0	43.013	2.188	0.0	40.311	1.749	0.0	45.754	1.686	0.0	42.528	1.57
5	4449	4450	SN	1	0.0	54.538	7.279	0.0	49.128	6.182	0.0	48.758	5.176	0.0	48.591	5.32	0.0	53.488	6.866	0.0	47.642	5.498	0.0	46.108	5.091	0.0	48.362	5.097
6	4449	4450	SN	1	0.0	43.715	2.328	0.0	42.443	1.976	0.0	45.223	1.751	0.0	41.531	1.701	0.0	43.013	2.155	0.0	40.311	1.768	0.0	45.754	1.664	0.0	42.528	1.587
7	4449	4450	NS	1	0.0	48.522	5.161	0.0	57.572	4.053	0.0	42.911	3.728	0.0	44.789	3.429	0.0	48.767	4.618	0.0	56.14	3.751	0.0	40.837	3.464	0.0	49.26	3.115
8	4449	4450	SN	1	0.0	54.538	7.386	0.0	49.128	6.117	0.0	48.758	5.249	0.0	48.591	5.261	0.0	53.488	6.968	0.0	47.642	5.441	0.0	46.108	5.163	0.0	48.362	5.041
9	4450	4451	SN	1	0.0	48.158	6.51	0.439	54.252	6.208	0.0	43.661	5.45	0.0	47.298	5.882	0.0	50.338	6.57	0.089	53.954	5.794	0.0	45.115	5.337	0.0	45.124	5.696
10	4450	4451	SN	1	0.0	42.054	2.225	0.0	43.335	2.169	0.0	43.775	1.758	0.0	47.57	1.848	0.0	42.225	2.061	0.0	40.617	1.937	0.0	40.264	1.8	0.0	44.086	1.756
11	4450	4451	SN	1	0.0	36.088	1.249	0.0	37.451	0.975	0.0	43.775	0.802	0.0	39.736	0.885	0.0	33.533	1.153	0.0	36.861	0.896	0.0	40.264	0.745	0.0	36.839	0.832
12	4450	4451	NS	1	0.0	47.914	2.558	0.0	45.352	2.556	0.0	39.756	1.755	0.0	41.294	1.86	0.0	47.009	2.142	0.0	45.545	2.098	0.0	38.554	1.574	0.0	38.997	1.465
13	4450	4451	NS	1	0.0	45.152	0.896	0.0	40.937	0.834	0.0	37.557	0.493	0.0	44.515	0.686	0.0	43.924	0.742	0.0	41.628	0.701	0.0	37.041	0.42	0.0	39.762	0.536
14	4450	4451	SN	1	0.0	46.34	3.981	0.0	51.591	2.838	0.0	42.089	2.986	0.0	45.25	2.624	0.0	50.334	4.074	0.0	53.954	2.708	0.0	41.128	2.665	0.0	45.124	2.605
15	4450	4451	NS	1	0.0	47.914	3.824	0.0	51.548	3.205	0.0	41.005	2.595	0.0	51.872	2.936	0.0	47.009	3.22	0.0	49.414	2.572	0.0	39.704	2.288	0.0	52.989	2.387
16	4450	4451	NS	1	0.0	45.152	1.123	0.0	49.707	1.035	0.0	41.235	0.709	0.0	44.515	0.957	0.0	43.924	0.966	0.0	51.236	0.869	0.0	37.188	0.591	0.0	39.762	0.767
17	4451	4452	SN	1	0.0	48.112	2.647	0.0	43.189	2.336	0.0	38.302	2.123	0.0	39.823	2.088	0.0	46.079	2.402	0.0	45.173	2.016	0.0	37.085	1.998	0.0	41.233	1.855
18	4451	4452	SN	1	0.0	48.201	8.148	0.014	50.74	7.146	0.0	41.715	6.23	0.0	45.483	6.038	0.0	50.918	7.576	0.167	51.604	6.622	0.0	39.932	5.989	0.0	42.864	5.675
19	4451	4452	NS	1	0.0	47.228	3.822	0.0	49.891	3.205	0.0	45.094	3.27	0.0	45.705	3.406	0.0	48.642	3.168	0.0	50.16	2.672	0.0	42.981	2.779	0.0	46.255	2.971
20	4451	4452	NS	1	0.0	41.328	1.354	0.0	42.371	1.186	0.0	44.555	0.884	0.0	37.147	0.955	0.0	40.346	1.08	0.0	42.849	0.951	0.0	41.793	0.726	0.0	36.125	0.831
21	4452	4453	SN	1	0.0	45.66	2.754	0.0	40.474	2.562	0.0	38.302	2.388	0.0	42.21	2.34	0.0	43.26	2.331	0.0	38.078	2.149	0.0	36.45	2.088	0.0	42.678	1.974
22	4452	4453	NS	1	0.0	45.084	1.195	0.0	45.208	1.118	0.0	47.187	0.809	0.0	42.85	0.768	0.0	48.223	1.016	0.0	42.031	0.951	0.0	43.348	0.71	0.0	45.718	0.638
23	4452	4453	SN	1	0.0	46.333	7.391	0.0	43.757	7.187	0.0	44.999	6.688	0.0	44.744	6.71	0.0	43.684	6.548	0.0	44.023	6.077	0.0	46.042	6.043	0.0	41.456	5.962
24	4452	4453	NS	1	0.0	50.358	4.234	0.0	51.551	3.597	0.0	43.944	2.871	0.0	40.988	2.672	0.0	51.441	3.802	0.0	51.341	3.105	0.0	42.885	2.629	0.0	41.822	2.401
25	4453	4454	SN	1	0.0	52.893	11.171	0.0	51.979	10.988	0.0	43.704	7.412	0.0	41.845	7.76	0.0	53.651	10.678	0.0	54.064	10.626	0.0	43.673	7.141	0.0	42.633	7.28
26	4453	4454	SN	1	0.0	52.893	11.401	0.0	51.979	11.359	0.0	43.704	7.716	0.0	41.845	7.714	0.0	53.651	11.01	0.0	54.064	10.996	0.0	43.673	7.497	0.0	42.633	7.187
27	4453	4454	NS	1	0.0	56.082	8.69	0.0	51.24	7.375	0.0	45.899	5.85	0.0	46.924	5.835	0.0	55.493	8.761	0.0	52.242	6.943	0.0	45.278	5.622	0.0	44.345	5.35
28	4453	4454	NS	1	0.0	44.255	2.82	0.0	48.184	2.263	0.0	39.15	1.821	0.0	39.199	1.697	0.0	47.506	2.756	0.0	47.006	2.095	0.0	40.534	1.796	0.0	37.743	1.64
29	4453	4454	NS	1	0.0	51.489	2.877	0.0	50.449	2.171	0.0	45.013	1.726	0.0	44.136	1.727	0.0	52.744	2.71	0.0	47.867	2.013	0.0	45.176	1.722	0.0	45.563	1.602
30	4453	4454	SN	1	0.0	52.893	11.267	0.0	51.979	11.281	0.0	43.704	7.542	0.0	41.845	7.725	0.0	53.651	10.863	0.0	54.064	10.912	0.0	43.673	7.279	0.0	42.633	7.212
31	4453	4454	NS	1	0.0	51.271	9.425	0.0	47.872	7.528	0.0	46.398	6.003	0.0	46.582	5.559	0.0	52.477	9.063	0.0	49.588	7.096	0.0	48.236	5.804	0.0	45.776	5.11

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

32	4453	4454	SN	1	0.0	48.197	3.497	0.0	46.644	3.357	0.0	39.605	2.295	0.0	43.113	2.493	0.0	48.951	3.332	0.0	45.194	3.064	0.0	35.662	2.154	0.0	39.85	2.3
33	4453	4454	SN	1	0.0	48.197	3.497	0.0	46.644	3.367	0.0	37.629	2.32	0.0	43.113	2.533	0.0	48.951	3.34	0.0	45.194	3.081	0.0	35.662	2.169	0.0	39.85	2.335
34	4453	4454	SN	1	0.0	48.197	3.547	0.0	46.644	3.395	0.0	39.605	2.353	0.0	43.113	2.47	0.0	48.951	3.398	0.0	45.194	3.11	0.0	36.169	2.225	0.0	39.85	2.275
35	4454	4455	NS	1	0.0	35.734	1.723	0.0	46.235	1.526	0.0	35.794	1.22	0.0	37.123	1.122	0.0	35.661	1.518	0.0	45.616	1.34	0.0	34.014	1.124	0.0	38.206	0.97
36	4454	4455	SN	1	0.0	46.152	2.864	0.0	32.796	0.826	0.0	39.074	1.514	0.0	44.325	0.789	0.0	41.519	2.685	0.0	31.703	0.688	0.0	39.685	1.364	0.0	40.651	0.652
37	4454	4455	SN	1	0.0	39.322	1.248	0.0	37.27	0.852	0.0	43.229	2.458	0.0	31.401	0.544	0.0	40.657	1.126	0.0	38.041	0.809	0.0	45.23	2.52	0.0	30.515	0.512
38	4454	4455	SN	1	0.0	43.236	0.649	0.0	31.466	0.199	0.0	36.791	0.397	0.0	30.173	0.276	0.0	41.066	0.599	0.0	31.952	0.144	0.0	32.368	0.352	0.0	31.739	0.258
39	4454	4455	SN	1	0.0	38.946	0.431	0.0	34.733	0.377	0.0	35.85	0.699	0.0	33.058	0.219	0.0	39.324	0.431	0.0	36.945	0.314	0.0	35.001	0.724	0.0	33.29	0.201
40	4454	4455	NS	1	0.0	47.682	4.598	0.0	56.982	4.629	0.0	43.791	3.077	0.0	45.493	3.642	0.0	49.242	4.437	0.0	57.043	4.092	0.0	45.082	3.05	0.0	47.28	3.228
41	4454	4455	NS	1	0.0	51.286	5.646	0.0	56.982	4.614	0.0	49.485	4.006	0.0	45.493	4.205	0.0	49.242	4.791	0.0	57.043	3.991	0.0	47.545	3.892	0.0	47.28	3.72
42	4454	4455	SN	1	0.0	55.406	7.27	0.0	50.548	7.232	0.0	48.89	5.774	0.0	45.524	6.184	0.0	58.992	6.366	0.0	53.834	6.484	0.0	50.452	5.483	0.0	43.497	5.636
43	4454	4455	NS	1	0.0	48.276	1.819	0.0	46.235	1.633	0.0	41.139	1.357	0.0	37.227	1.274	0.0	50.55	1.522	0.0	45.616	1.434	0.0	37.248	1.2	0.0	38.206	1.083
44	4454	4455	SN	1	0.0	49.343	2.608	0.0	49.588	2.529	0.0	41.262	1.709	0.0	42.539	1.87	0.0	54.174	2.352	0.0	50.223	2.287	0.0	40.385	1.598	0.0	44.336	1.673
45	4455	4456	SN	1	0.0	42.538	2.156	0.0	52.38	2.068	0.0	47.85	1.233	0.0	43.211	1.293	0.0	41.32	1.699	0.0	47.315	1.763	0.0	46.102	1.028	0.0	42.384	1.068
46	4455	4456	SN	1	0.0	42.538	2.16	0.0	52.38	2.087	0.0	47.85	1.233	0.0	43.211	1.303	0.0	41.32	1.703	0.0	47.315	1.781	0.0	46.102	1.028	0.0	42.384	1.078
47	4455	4456	NS	1	0.0	47.139	2.187	0.0	44.124	1.715	0.0	39.741	1.61	0.0	41.899	1.409	0.0	45.904	1.956	0.0	42.016	1.581	0.0	43.01	1.535	0.0	38.678	1.267
48	4455	4456	SN	1	0.0	42.538	2.068	0.0	52.38	2.037	0.0	47.85	1.144	0.0	43.211	1.175	0.0	41.32	1.603	0.0	47.315	1.731	0.0	46.102	0.926	0.0	42.384	0.944
49	4455	4456	NS	1	0.0	49.437	5.685	0.0	47.578	4.857	0.0	43.167	4.831	0.0	41.801	4.376	0.0	50.338	5.272	0.0	45.124	4.566	0.0	40.452	4.66	0.0	41.681	3.991
50	4455	4456	NS	1	0.0	50.588	5.797	0.0	45.689	5.026	0.0	39.099	4.689	0.0	42.239	4.511	0.0	49.333	5.324	0.0	47.901	4.373	0.0	38.146	4.561	0.0	39.906	4.183
51	4455	4456	NS	1	0.0	43.191	2.095	0.0	49.393	1.732	0.0	39.698	1.531	0.0	38.715	1.416	0.0	43.068	1.887	0.0	47.375	1.608	0.0	38.015	1.486	0.0	39.091	1.288
52	4455	4456	SN	1	0.0	51.124	6.493	0.0	51.914	6.213	0.0	46.699	4.415	0.0	46.559	4.454	0.0	51.045	5.633	0.0	53.363	5.626	0.0	46.501	3.73	0.0	46.163	3.843
53	4455	4456	SN	1	0.0	51.124	6.888	0.0	51.914	6.543	0.0	46.699	4.676	0.0	46.559	4.773	0.0	51.045	6.065	0.0	53.363	5.968	0.0	46.501	4.038	0.0	46.163	4.175
54	4455	4456	SN	1	0.0	51.124	6.9	0.0	51.914	6.618	0.0	46.699	4.676	0.0	46.559	4.827	0.0	51.045	6.076	0.0	53.363	6.036	0.0	46.501	4.031	0.0	46.163	4.222
55	4456	4457	SN	1	0.0	49.973	5.045	0.0	50.902	5.361	0.0	49.987	3.303	0.0	51.223	4.161	0.0	51.329	4.442	0.0	48.415	4.644	0.0	47.113	2.871	0.0	49.516	3.477
56	4456	4457	SN	1	0.0	49.973	5.045	0.0	50.902	5.361	0.0	49.987	3.303	0.0	51.223	4.161	0.0	51.329	4.442	0.0	48.415	4.644	0.0	47.113	2.871	0.0	49.516	3.477
57	4456	4457	NS	1	0.0	51.543	8.43	0.0	47.855	6.978	0.0	49.547	5.899	0.0	43.902	5.46	0.0	54.868	8.208	0.0	49.49	6.817	0.0	49.467	5.92	0.0	43.256	5.253
58	4456	4457	NS	1	0.0	49.973	2.712	0.0	50.369	2.204	0.0	39.868	1.813	0.0	42.504	1.678	0.0	51.155	2.547	0.0	48.678	2.172	0.0	39.044	1.754	0.0	43.04	1.52
59	4456	4457	NS	1	0.0	48.437	2.715	0.0	53.884	2.226	0.0	44.224	1.78	0.0	42.315	1.585	0.0	52.742	2.595	0.0	50.663	2.172	0.0	41.807	1.721	0.0	42.848	1.484
60	4456	4457	NS	1	0.0	50.7	8.592	0.0	51.108	6.744	0.0	41.051	6.136	0.0	47.451	5.587	0.0	51.14	8.341	0.0	50.896	6.704	0.0	43.325	6.1	0.0	46.744	5.437
61	4456	4457	NS	1	0.0	50.7	8.592	0.0	51.108	6.744	0.0	41.051	6.136	0.0	47.451	5.587	0.0	51.14	8.341	0.0	50.896	6.704	0.0	43.325	6.1	0.0	46.744	5.437
62	4456	4457	SN	1	0.0	45.903	1.502	0.0	48.43	1.562	0.0	42.564	0.942	0.0	46.356	1.098	0.0	45.142	1.263	0.0	45.037	1.352	0.0	43.521	0.773	0.0	46.731	0.924
63	4456	4457	NS	1	0.0	48.437	2.715	0.0	53.884	2.226	0.0	44.224	1.78	0.0	42.315	1.585	0.0	52.742	2.595	0.0	50.663	2.172	0.0	41.807	1.721	0.0	42.848	1.484
64	4456	4457	SN	1	0.0	45.903	1.502	0.0	48.43	1.562	0.0	42.564	0.942	0.0	46.356	1.098	0.0	45.142	1.263	0.0	45.037	1.352	0.0	43.521	0.773	0.0	46.731	0.924
65	4457	4458	NS	1	0.0	51.606	9.497	0.0	49.813	7.903	0.0	46.012	6.909	0.0	44.96	6.358	0.0	51.664	9.034	0.0	49.365	7.662	0.0	46.409	6.717	0.0	48.687	5.931
66	4457	4458	NS	1	0.0	51.606	9.497	0.0	49.813	7.903	0.0	46.012	6.916	0.0	44.96	6.358	0.0	51.664	9.034	0.0	49.365	7.662	0.0	46.409	6.724	0.0	48.687	5.931
67	4457	4458	SN	1	0.0	43.116	1.664	0.0	50.118	1.58	0.0	39.17	1.031	0.0	42.409	1.163	0.0	41.594	1.507	0.0	52.593	1.411	0.0	42.149	1.007	0.0	46.055	1.0

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

68	4457	4458	NS	1	0.0	50.867	3.264	0.0	49.424	2.569	0.0	43.058	2.229	0.0	44.82	1.95	0.0	49.378	3.09	0.0	49.046	2.41	0.0	42.432	2.158	0.0	46.959	1.746
69	4457	4458	SN	1	0.0	46.834	5.4	0.0	52.002	4.907	0.0	44.354	3.326	0.0	47.241	3.626	0.0	46.65	4.987	0.0	52.035	4.634	0.0	47.027	3.248	0.0	46.964	3.27
70	4457	4458	NS	1	0.0	50.867	3.264	0.0	49.424	2.569	0.0	43.058	2.229	0.0	44.82	1.95	0.0	49.378	3.09	0.0	49.046	2.41	0.0	42.432	2.158	0.0	46.959	1.746
71	4458	4459	NS	1	0.0	54.662	7.656	0.0	50.089	7.355	0.0	47.332	5.58	0.0	45.746	5.82	0.0	52.996	7.213	0.0	51.043	6.873	0.0	47.061	5.409	0.0	43.709	5.642
72	4458	4459	SN	1	0.0	8.102	0.0	0.0	15.3	0.0	100000.0	-100000.0	0.0	0.0	9.605	0.0	0.0	7.173	0.0	0.0	10.493	0.0	100000.0	-100000.0	0.0	0.0	7.584	0.0
73	4458	4459	SN	1	100000.0	-100000.0	0.0	0.0	13.25	0.0	100000.0	-100000.0	0.0	0.0	12.532	0.0	100000.0	-100000.0	0.0	0.0	9.169	0.0	100000.0	-100000.0	0.0	0.0	8.608	0.0
74	4458	4459	NS	1	0.0	47.468	2.64	0.0	45.994	2.334	0.0	39.421	1.662	0.0	39.155	1.842	0.0	46.836	2.479	0.0	44.4	2.196	0.0	40.342	1.599	0.0	37.468	1.716
75	4459	4460	NS	1	0.0	41.902	2.135	0.0	40.46	1.832	0.0	40.989	1.631	0.0	39.0	1.559	0.0	42.032	1.823	0.0	38.774	1.533	0.0	37.479	1.439	0.0	37.763	1.224
76	4459	4460	NS	1	0.0	48.659	6.368	0.0	49.15	5.301	0.0	42.99	4.539	0.0	47.816	4.575	0.0	47.878	5.594	0.0	49.613	4.817	0.0	44.328	4.233	0.0	45.888	3.752
77	4463	4464	SN	1	0.0	49.383	2.874	0.0	43.823	2.816	0.0	43.99	1.692	0.0	47.705	1.681	0.0	48.304	2.635	0.0	43.502	2.613	0.0	43.272	1.527	0.0	42.874	1.485
78	4463	4464	SN	1	0.0	50.081	9.032	0.0	50.949	8.46	0.0	44.486	5.939	0.0	50.8	5.899	0.0	52.006	8.529	0.0	50.952	8.097	0.0	44.82	5.563	0.0	48.55	5.379
79	4463	4464	NS	1	0.0	52.603	8.392	0.0	55.814	6.895	0.0	44.388	5.322	0.0	49.533	4.988	0.0	54.009	7.617	0.0	55.582	6.182	0.0	41.498	4.809	0.0	48.529	4.439
80	4463	4464	SN	1	0.0	50.081	9.244	0.0	50.949	8.657	0.0	44.486	6.059	0.0	50.8	6.038	0.0	52.006	8.73	0.0	50.952	8.285	0.0	44.82	5.689	0.0	48.55	5.506
81	4463	4464	SN	1	0.0	49.383	2.809	0.0	43.823	2.755	0.0	43.99	1.658	0.0	47.705	1.646	0.0	48.304	2.575	0.0	43.502	2.556	0.0	43.272	1.494	0.0	42.874	1.455
82	4463	4464	NS	1	0.0	51.066	2.391	0.0	56.961	1.868	0.0	47.952	1.597	0.0	47.533	1.471	0.0	50.092	2.042	0.0	57.507	1.585	0.0	46.152	1.309	0.0	47.797	1.309
83	4464	4465	SN	1	0.0	48.998	6.189	0.0	49.19	4.662	0.0	43.641	4.43	0.0	40.674	4.15	0.0	51.703	5.914	0.0	49.757	4.672	0.0	43.191	4.308	0.0	41.181	4.15
84	4464	4465	NS	1	0.0	51.685	4.365	0.0	46.603	3.599	0.0	47.634	2.414	0.0	44.543	2.181	0.0	50.829	3.671	0.0	46.663	3.036	0.0	46.199	2.023	0.0	43.925	1.789
85	4464	4465	SN	1	0.0	48.998	6.109	0.0	49.19	4.644	0.0	43.641	4.386	0.0	40.674	4.142	0.0	51.703	5.837	0.0	49.757	4.665	0.0	43.191	4.252	0.0	41.181	4.142
86	4464	4465	NS	1	0.0	44.951	1.159	0.0	41.925	0.8	0.0	44.566	0.768	0.0	45.652	0.616	0.0	41.575	0.892	0.0	39.754	0.652	0.0	42.589	0.574	0.0	43.029	0.516
87	4464	4465	SN	1	0.0	45.947	2.13	0.0	42.092	1.843	0.0	40.1	1.549	0.0	44.387	1.446	0.0	46.021	1.952	0.0	39.948	1.76	0.0	40.804	1.449	0.0	43.502	1.396
88	4464	4465	SN	1	0.0	45.947	2.102	0.0	42.092	1.835	0.0	40.1	1.522	0.0	44.387	1.444	0.0	46.021	1.924	0.0	39.948	1.758	0.0	40.804	1.425	0.0	43.502	1.394
89	4465	4466	SN	1	0.0	41.195	7.309	0.0	45.547	6.13	0.0	39.527	5.301	0.0	45.457	5.339	0.0	43.314	6.605	0.0	44.223	5.607	0.0	41.375	5.149	0.0	41.45	4.825
90	4465	4466	SN	1	0.0	41.381	2.589	0.0	43.353	2.277	0.0	40.514	1.886	0.0	41.04	1.784	0.0	39.575	2.202	0.0	42.552	1.946	0.0	38.66	1.714	0.0	41.749	1.481
91	4465	4466	SN	1	0.0	41.381	2.581	0.0	43.353	2.303	0.0	40.514	1.87	0.0	41.04	1.792	0.0	39.575	2.21	0.0	42.552	1.987	0.0	38.66	1.695	0.0	41.749	1.495
92	4465	4466	NS	1	0.0	48.588	4.608	0.0	51.803	3.828	0.0	40.548	3.292	0.0	42.928	3.042	0.0	44.299	4.286	0.0	51.14	3.436	0.0	39.453	3.327	0.0	39.986	2.765
93	4465	4466	NS	1	0.0	46.36	1.533	0.0	42.123	1.397	0.0	41.973	1.076	0.0	37.683	0.976	0.0	49.16	1.449	0.0	46.265	1.356	0.0	44.343	1.005	0.0	36.075	0.871
94	4465	4466	SN	1	0.0	46.385	7.393	0.0	45.547	6.279	0.0	39.527	5.264	0.0	45.457	5.421	0.0	44.899	6.67	0.0	44.223	5.744	0.0	41.375	5.101	0.0	41.45	4.872
95	4466	4467	NS	1	0.0	43.777	1.145	0.0	45.938	0.969	0.0	42.589	0.786	0.0	41.474	0.742	0.0	42.311	0.937	0.0	43.984	0.815	0.0	40.029	0.67	0.0	41.756	0.596
96	4466	4467	SN	1	0.0	44.943	8.388	0.0	45.971	7.299	0.0	42.19	5.76	0.0	46.299	5.919	0.0	46.437	7.464	0.0	45.87	6.502	0.0	42.031	5.406	0.0	49.867	5.264
97	4466	4467	SN	1	0.0	45.647	2.725	0.0	42.846	2.414	0.0	38.332	2.022	0.0	40.623	1.984	0.0	44.126	2.388	0.0	41.621	2.048	0.0	36.876	1.766	0.0	38.879	1.748
98	4466	4467	NS	1	0.0	49.068	4.768	0.0	54.171	4.181	0.0	44.014	3.041	0.0	43.726	2.858	0.0	50.425	4.124	0.0	52.994	3.578	0.0	43.584	2.621	0.0	43.063	2.444
99	4467	4468	NS	1	0.0	49.916	5.535	0.0	48.825	5.458	0.0	48.198	5.182	0.0	47.064	5.167	0.0	51.181	5.254	0.0	47.577	5.016	0.0	45.322	4.997	0.0	44.615	4.668
100	4467	4468	SN	1	0.0	45.078	3.019	0.0	47.742	2.806	0.0	37.968	2.292	0.0	41.398	2.438	0.0	45.495	2.582	0.0	48.428	2.47	0.0	38.694	2.067	0.0	41.723	2.097
101	4467	4468	SN	1	0.0	50.151	9.651	0.0	51.933	8.715	0.0	41.767	6.631	0.0	45.486	7.345	0.0	53.887	8.717	0.0	53.447	7.756	0.0	42.091	6.071	0.0	47.398	6.654
102	4467	4468	SN	1	0.0	47.683	9.397	0.0	49.898	9.023	0.0	40.995	6.608	0.0	41.723	7.412	0.0	51.405	8.427	0.0	52.918	7.977	0.0	41.641	6.218	0.0	43.628	6.725
103	4467	4468	NS	1	0.0	51.283	2.002	0.0	47.887	1.853	0.0	40.931	1.597	0.0	42.077	1.493	0.0	50.428	1.952	0.0	44.241	1.733	0.0	41.251	1.518	0.0	42.288	1.425

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		



104	4467	4468	SN	1	0.0	46.306	3.062	0.0	49.266	2.757	0.0	42.139	2.262	0.0	41.286	2.386	0.0	44.479	2.641	0.0	46.823	2.45	0.0	44.22	2.05	0.0	42.966	2.122
105	4467	4468	NS	1	0.0	47.51	5.566	0.0	50.248	5.499	0.0	45.785	5.054	0.0	45.92	5.188	0.0	48.593	5.193	0.0	48.44	5.016	0.0	47.0	4.89	0.0	48.956	4.775
106	4467	4468	SN	1	0.0	47.683	9.602	0.0	49.898	8.898	0.0	40.995	6.765	0.0	41.723	7.248	0.0	51.405	8.588	0.0	52.918	7.856	0.0	41.641	6.354	0.0	43.628	6.578
107	4467	4468	NS	1	0.0	43.902	1.973	0.0	56.379	1.855	0.0	40.336	1.559	0.0	43.752	1.491	0.0	43.076	1.95	0.0	53.65	1.733	0.0	40.007	1.527	0.0	46.354	1.455
108	4467	4468	SN	1	0.0	45.078	3.035	0.0	47.742	2.853	0.0	37.968	2.286	0.0	41.398	2.495	0.0	42.761	2.593	0.0	48.428	2.515	0.0	38.694	2.06	0.0	41.723	2.146
109	4468	4469	NS	1	0.0	48.989	2.006	0.0	48.443	1.459	0.0	43.641	1.501	0.0	44.688	1.294	0.0	48.771	1.734	0.0	50.765	1.221	0.0	42.306	1.316	0.0	43.898	1.054
110	4468	4469	NS	1	0.0	51.6	2.043	0.0	46.755	1.506	0.0	46.079	1.577	0.0	47.05	1.395	0.0	51.951	1.724	0.0	46.354	1.325	0.0	48.05	1.324	0.0	43.921	1.188
111	4468	4469	NS	1	0.0	53.828	5.393	0.0	48.245	4.053	0.0	49.326	4.76	0.0	50.902	4.52	0.0	53.082	4.84	0.0	47.919	3.631	0.0	46.132	4.318	0.0	47.136	3.914
112	4468	4469	NS	1	0.0	53.644	5.445	0.0	55.602	4.132	0.0	46.586	4.725	0.0	47.474	4.418	0.0	52.443	4.71	0.0	55.561	3.549	0.0	48.477	4.426	0.0	45.268	3.912
113	4468	4469	SN	1	0.0	44.331	3.924	0.0	47.236	3.751	0.0	43.749	2.892	0.0	42.853	2.62	0.0	43.311	3.838	0.0	48.323	3.581	0.0	43.717	2.761	0.0	43.149	2.517
114	4468	4469	SN	1	0.0	50.647	11.603	0.0	51.264	12.033	0.0	50.777	8.493	0.0	44.701	8.523	0.0	50.744	11.15	0.0	53.933	11.716	0.0	46.998	8.372	0.0	46.482	8.516
115	4468	4469	SN	1	0.0	44.331	3.928	0.0	47.236	3.783	0.0	43.749	2.88	0.0	42.853	2.648	0.0	43.311	3.834	0.0	48.323	3.616	0.0	43.717	2.761	0.0	43.149	2.546
116	4468	4469	SN	1	0.0	50.647	11.531	0.0	51.264	11.928	0.0	50.777	8.507	0.0	44.701	8.428	0.0	50.744	11.119	0.0	53.933	11.605	0.0	46.998	8.372	0.0	46.482	8.421
117	4468	4469	SN	1	0.0	50.647	11.819	0.0	51.264	12.092	0.0	50.777	8.619	0.0	44.701	8.72	0.0	50.744	11.416	0.0	53.933	11.772	0.0	46.998	8.566	0.0	46.482	8.697
118	4468	4469	SN	1	0.0	48.235	4.043	0.0	47.236	3.837	0.0	43.749	2.973	0.0	42.853	2.699	0.0	45.854	3.97	0.0	48.323	3.672	0.0	43.717	2.835	0.0	43.149	2.602
119	4469	4470	NS	1	0.0	49.685	6.451	0.0	46.692	5.804	0.0	41.52	5.495	0.0	42.733	5.296	0.0	47.28	5.868	0.0	46.451	5.271	0.0	44.202	5.189	0.0	41.361	4.911
120	4469	4470	NS	1	0.0	57.44	2.314	0.0	46.159	2.091	0.0	39.189	1.936	0.0	43.895	1.815	0.0	55.007	2.04	0.0	47.296	1.801	0.0	38.664	1.701	0.0	43.314	1.607
121	4469	4470	SN	1	0.0	53.995	9.712	0.0	57.386	9.634	0.0	47.654	5.877	0.0	48.749	6.894	0.0	53.752	9.06	0.0	56.073	8.859	0.0	44.811	5.493	0.0	47.432	6.185
122	4469	4470	SN	1	0.0	49.643	3.16	0.0	52.474	2.925	0.0	44.499	1.827	0.0	50.906	1.768	0.0	50.032	2.78	0.0	48.927	2.61	0.0	44.416	1.619	0.0	49.506	1.542
123	4469	4470	NS	1	0.0	57.496	2.339	0.0	42.771	2.075	0.0	44.954	1.89	0.0	41.323	1.817	0.0	55.091	1.963	0.0	43.908	1.835	0.0	44.157	1.708	0.0	38.444	1.607
124	4469	4470	NS	1	0.0	53.101	6.409	0.0	44.679	5.783	0.0	46.418	5.567	0.0	50.332	5.261	0.0	50.698	5.564	0.0	46.048	5.22	0.0	43.165	5.175	0.0	48.524	4.74
125	4469	4470	SN	1	0.0	53.995	9.369	0.0	57.386	9.38	0.0	47.654	5.565	0.0	48.749	6.674	0.0	53.752	8.705	0.0	56.073	8.554	0.0	44.811	5.175	0.0	47.432	5.947
126	4469	4470	SN	1	0.0	49.643	2.983	0.0	52.474	2.815	0.0	44.499	1.72	0.0	50.906	1.716	0.0	50.032	2.627	0.0	48.927	2.5	0.0	44.416	1.519	0.0	49.506	1.493
127	4469	4470	SN	1	0.0	52.839	9.324	0.0	55.345	9.189	0.0	45.426	5.583	0.0	46.707	6.407	0.0	53.475	8.741	0.0	56.837	8.462	0.0	44.459	5.08	0.0	46.016	5.617
128	4469	4470	SN	1	0.0	49.898	2.926	0.0	50.318	2.834	0.0	43.132	1.667	0.0	46.178	1.835	0.0	48.383	2.59	0.0	49.415	2.543	0.0	42.943	1.464	0.0	46.225	1.576
129	4470	4471	SN	1	0.0	51.424	2.634	0.0	48.471	3.272	0.0	43.956	2.106	0.0	45.155	2.345	0.0	49.2	2.191	0.0	46.865	2.697	0.0	42.324	1.68	0.0	47.61	2.003
130	4470	4471	NS	1	0.0	48.153	5.525	0.0	49.448	5.239	0.0	46.675	4.79	0.0	44.909	4.491	0.0	51.027	5.132	0.0	50.352	5.048	0.0	48.606	4.69	0.0	43.196	4.263
131	4470	4471	NS	1	0.0	49.928	5.384	0.0	47.088	5.239	0.0	43.386	4.84	0.0	43.177	4.455	0.0	48.752	5.334	0.0	48.011	5.048	0.0	41.808	4.69	0.0	40.392	4.22
132	4470	4471	NS	1	0.0	49.437	1.898	0.0	49.716	1.676	0.0	42.507	1.529	0.0	41.337	1.587	0.0	50.509	1.773	0.0	47.729	1.568	0.0	40.269	1.442	0.0	41.109	1.486
133	4470	4471	NS	1	0.0	47.467	1.925	0.0	46.435	1.699	0.0	47.623	1.538	0.0	47.522	1.589	0.0	44.026	1.775	0.0	44.453	1.599	0.0	48.294	1.502	0.0	45.783	1.488
134	4470	4471	SN	1	0.0	52.299	0.943	0.0	46.237	1.015	0.0	39.698	0.654	0.0	42.201	0.73	0.0	50.687	0.779	0.0	44.003	0.805	0.0	39.126	0.499	0.0	40.568	0.551
135	4471	4472	SN	1	0.0	41.749	0.955	0.0	48.843	0.693	0.0	45.309	0.672	0.0	39.034	0.573	0.0	38.317	0.723	0.0	46.464	0.549	0.0	41.361	0.497	0.0	37.476	0.417
136	4471	4472	NS	1	0.0	50.853	3.219	0.0	47.069	2.499	0.0	40.754	2.121	0.0	44.062	2.065	0.0	49.1	2.945	0.0	45.058	2.225	0.0	44.578	1.939	0.0	42.335	1.842
137	4471	4472	NS	1	0.0	49.105	10.552	0.0	53.865	8.742	0.0	42.051	7.303	0.0	50.503	7.154	0.0	49.024	9.858	0.0	51.972	8.159	0.0	42.288	6.954	0.0	47.001	6.534
138	4471	4472	SN	1	0.0	44.538	2.795	0.0	44.813	2.483	0.0	45.968	1.9	0.0	40.346	1.908	0.0	44.377	2.322	0.0	43.819	2.14	0.0	46.236	1.574	0.0	42.528	1.409
139	4472	4473	NS	1	0.0	46.399	7.958	0.0	53.376	7.323	0.0	47.284	6.092	0.0	47.784	5.975	0.0	47.92	7.817	0.0	52.363	7.333	0.0	47.513	6.142	0.0	47.415	5.818

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

140	4472	4473	SN	1	0.0	47.422	2.074	0.0	44.097	1.769	0.0	39.653	1.273	0.0	49.549	1.283	0.0	46.325	1.792	0.0	46.171	1.611	0.0	36.287	1.135	0.0	46.184	1.069
141	4472	4473	SN	1	0.0	52.114	6.635	0.0	48.843	6.097	0.0	44.987	3.879	0.0	43.056	4.434	0.0	53.59	5.891	0.0	47.831	5.531	0.0	44.959	3.474	0.0	44.411	3.808
142	4472	4473	NS	1	0.0	46.876	2.477	0.0	49.671	2.275	0.0	41.217	1.882	0.0	47.446	1.846	0.0	46.956	2.397	0.0	46.579	2.221	0.0	40.634	1.871	0.0	45.791	1.718
143	4473	4474	NS	1	0.0	42.08	2.592	0.0	42.034	2.269	0.0	36.729	1.96	0.0	41.986	1.806	0.0	42.269	2.389	0.0	43.573	2.094	0.0	36.622	1.861	0.0	40.35	1.666
144	4473	4474	NS	1	0.0	44.269	7.305	0.0	47.736	7.017	0.0	43.43	5.591	0.0	42.923	5.851	0.0	46.462	6.892	0.0	49.354	6.515	0.0	46.053	5.235	0.0	45.364	5.495
145	4473	4474	SN	1	0.0	50.732	5.125	0.0	53.817	4.614	0.0	46.456	4.033	0.0	48.209	3.973	0.0	49.292	4.412	0.0	52.601	4.008	0.0	46.128	3.707	0.0	47.979	3.603
146	4473	4474	NS	1	0.0	44.269	7.338	0.0	47.736	7.054	0.0	43.43	5.63	0.0	42.923	5.881	0.0	46.462	6.943	0.0	49.354	6.549	0.0	46.053	5.271	0.0	45.364	5.523
147	4473	4474	SN	1	0.0	48.76	1.765	0.0	51.045	1.534	0.0	37.957	1.209	0.0	41.887	1.152	0.0	48.242	1.522	0.0	49.665	1.295	0.0	36.285	1.048	0.0	42.9	0.998
148	4473	4474	NS	1	0.0	42.08	2.576	0.0	42.034	2.258	0.0	36.729	1.946	0.0	41.986	1.797	0.0	42.269	2.372	0.0	43.573	2.083	0.0	36.622	1.848	0.0	40.35	1.658
149	4474	4475	NS	1	0.0	40.163	2.734	0.0	46.224	2.296	0.0	37.527	1.983	0.0	38.831	2.04	0.0	41.087	2.354	0.0	46.979	1.975	0.0	37.487	1.814	0.0	36.35	1.715
150	4474	4475	SN	1	0.0	43.779	1.972	0.0	42.724	1.943	0.0	41.539	1.54	0.0	43.004	1.561	0.0	42.854	1.819	0.0	44.118	1.701	0.0	41.806	1.363	0.0	40.497	1.318
151	4474	4475	NS	1	0.0	50.667	8.028	0.0	44.843	6.825	0.0	43.7	5.89	0.0	51.187	5.837	0.0	51.338	7.254	0.0	46.153	6.062	0.0	44.302	5.783	0.0	48.555	5.316
152	4474	4475	NS	1	0.0	50.667	8.311	0.0	44.843	7.055	0.0	43.7	6.086	0.0	51.187	6.031	0.0	51.338	7.509	0.0	46.153	6.275	0.0	44.302	5.976	0.0	48.555	5.492
153	4474	4475	SN	1	0.0	50.669	6.924	0.0	50.776	6.996	0.0	42.922	5.004	0.0	44.094	5.262	0.0	48.656	6.512	0.0	49.268	6.502	0.0	41.238	4.685	0.0	40.848	4.578
154	4474	4475	NS	1	0.0	40.163	2.826	0.0	46.224	2.371	0.0	37.527	2.052	0.0	38.831	2.108	0.0	41.087	2.432	0.0	46.979	2.039	0.0	37.487	1.877	0.0	36.35	1.771
155	4475	4476	NS	1	0.0	48.201	8.577	0.0	47.906	6.898	0.0	40.002	6.463	0.0	46.419	6.089	0.0	48.985	7.437	0.0	52.03	6.117	0.0	40.888	5.918	0.0	43.131	5.359
156	4475	4476	NS	1	0.0	48.201	7.959	0.0	47.906	6.393	0.0	40.002	6.02	0.0	46.419	5.658	0.0	48.985	6.893	0.0	52.03	5.669	0.0	40.888	5.5	0.0	43.131	4.974
157	4475	4476	NS	1	0.0	48.053	3.083	0.0	40.914	2.451	0.0	41.09	2.139	0.0	40.774	2.076	0.0	46.0	2.65	0.0	42.261	2.174	0.0	45.412	1.821	0.0	39.455	1.781
158	4475	4476	NS	1	0.0	48.053	2.869	0.0	40.914	2.287	0.0	41.09	1.991	0.0	40.774	1.928	0.0	46.0	2.463	0.0	42.261	2.027	0.0	45.412	1.697	0.0	39.455	1.654
159	4475	4476	SN	1	0.0	44.006	2.489	0.0	39.897	2.269	0.0	38.557	1.911	0.0	37.575	1.945	0.0	45.026	2.136	0.0	41.985	1.996	0.0	37.279	1.757	0.0	37.559	1.645
160	4475	4476	SN	1	0.0	47.796	6.309	0.0	50.51	6.008	0.0	45.168	5.903	0.0	43.449	5.763	0.0	46.668	5.706	0.0	52.943	5.412	0.0	44.537	5.35	0.0	42.951	5.372
161	4476	4477	NS	1	0.0	50.856	13.184	0.0	49.564	13.099	0.0	44.749	10.029	0.0	47.779	9.958	0.0	50.357	13.242	0.0	51.213	13.145	0.0	45.291	10.119	0.0	45.076	9.958
162	4476	4477	NS	1	0.0	43.123	4.643	0.0	47.989	4.21	0.0	43.237	3.024	0.0	42.156	3.225	0.0	44.026	4.408	0.0	49.493	4.011	0.0	40.246	3.093	0.0	40.743	3.143

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	4448	4449	SN	1	0.0	32.605	15.971	0.0	27.299	14.084	0.0	201.309	13.521	0.0	81.79	13.24	0.0	1.899	0.0	1.95	0.0	0.0	2.072	0.0	0.0	2.129	0.0	
2	4448	4449	SN	1	0.0	24.691	9.716	0.0	27.729	9.847	0.0	179.596	3.717	0.0	73.383	4.268	0.0	1.89	0.0	1.963	0.0	0.0	2.065	0.0	0.0	2.113	0.0	
3	4449	4450	NS	1	0.0	27.961	8.258	0.0	25.75	8.342	0.0	355.875	2.315	0.0	58.227	1.869	0.0	1.907	0.0	1.853	0.0	0.0	2.037	0.0	0.0	2.014	0.0	
4	4449	4450	SN	1	0.0	24.691	9.721	0.0	26.373	9.845	0.0	190.637	3.761	0.0	74.684	4.292	0.0	1.89	0.0	1.964	0.0	0.0	2.064	0.0	0.0	2.111	0.0	
5	4449	4450	SN	1	0.0	30.708	15.985	0.0	27.299	14.098	0.0	200.228	13.557	0.0	82.993	13.325	0.0	1.899	0.0	1.948	0.0	0.0	2.069	0.0	0.0	2.126	0.0	
6	4449	4450	SN	1	0.0	24.691	9.705	0.0	27.558	9.926	0.0	190.637	3.723	0.0	74.684	4.338	0.0	1.89	0.0	1.964	0.0	0.0	2.064	0.0	0.0	2.111	0.0	
7	4449	4450	NS	1	0.0	27.316	15.012	0.0	33.542	14.22	0.0	358.323	10.784	0.0	55.663	10.016	0.0	1.909	0.0	1.86	0.0	0.0	2.043	0.0	0.0	2.015	0.0	
8	4449	4450	SN	1	0.0	32.649	16.007	0.0	27.299	14.051	0.0	200.228	13.645	0.0	82.993	13.207	0.0	1.899	0.0	1.948	0.0	0.0	2.069	0.0	0.0	2.126	0.0	
9	4450	4451	SN	1	0.0	32.776	15.963	0.005	27.272	14.071	0.0	187.736	13.444	0.0	69.87	13.493	0.0	1.929	0.0	1.948	0.0	0.0	2.074	0.0	0.0	2.109	0.0	
10	4450	4451	SN	1	0.0	24.685	9.547	0.0	27.79	9.829	0.0	185.933	3.685	0.0	70.487	4.249	0.0	1.921	0.0	1.957	0.0	0.0	2.077	0.0	0.0	2.11	0.0	
11	4450	4451	SN	1	0.0	21.646	6.271	0.0	25.419	4.697	0.0	185.933	1.617	0.0	14.289	0.906	0.0	1.889	0.0	1.943	0.0	0.0	2.062	0.0	0.0	2.082	0.0	
12	4450	4451	NS	1	0.0	25.75	10.975	0.0	33.564	14.421	0.0	347.018	5.444	0.0	56.165	8.046	0.0	1.908	0.0	1.854	0.0	0.0	2.042	0.0	0.0	2.014	0.0	
13	4450	4451	NS	1	0.0	26.902	5.788	0.0	25.733	6.983	0.0	346.383	0.911	0.0	54.405	1.397	0.0	1.904	0.0	1.852	0.0	0.0	2.036	0.0	0.0	2.013	0.0	
14	4450	4451	SN	1	0.0	32.698	14.352	0.0	25.126	8.181	0.0	187.736	9.205	0.0	14.929	4.561	0.0	1.881	0.0	1.918	0.0	0.0	2.068	0.0	0.0	2.082	0.0	
15	4450	4451	NS	1	0.0	27.294	14.743	0.0	33.564	14.168	0.0	347.018	10.607	0.0	56.165	10.027	0.0	1.908	0.0	1.863	0.0	0.0	2.055	0.0	0.0	2.026	0.0	
16	4450	4451	NS	1	0.0	28.041	8.069	0.0	25.739	8.26	0.0	346.383	2.101	0.0	54.405	1.852	0.0	1.925	0.0	1.858	0.0	0.0	2.042	0.0	0.0	2.023	0.0	
17	4451	4452	SN	1	0.0	24.685	9.72	0.0	27.696	9.854	0.0	199.913	3.824	0.0	68.066	4.4	0.0	1.891	0.0	1.965	0.0	0.0	2.068	0.0	0.0	2.113	0.0	
18	4451	4452	SN	1	0.0	32.583	16.005	0.005	27.283	14.101	0.0	186.363	13.623	0.0	76.995	13.371	0.0	1.897	0.0	1.941	0.0	0.0	2.074	0.0	0.0	2.12	0.0	
19	4451	4452	NS	1	0.0	27.299	14.905	0.0	33.553	14.155	0.0	359.156	10.78	0.0	57.896	9.939	0.0	1.907	0.0	1.86	0.0	0.0	2.041	0.0	0.0	2.014	0.0	
20	4451	4452	NS	1	0.0	28.11	8.215	0.0	25.744	8.271	0.0	355.886	2.268	0.0	44.754	1.844	0.0	1.906	0.0	1.852	0.0	0.0	2.037	0.0	0.0	2.014	0.0	
21	4452	4453	SN	1	0.0	24.68	9.735	0.0	27.674	9.869	0.0	253.293	3.822	0.0	276.941	4.42	0.0	1.889	0.0	1.963	0.0	0.0	2.065	0.0	0.0	2.113	0.0	
22	4452	4453	NS	1	0.0	28.165	8.211	0.0	25.75	8.265	0.0	355.957	2.218	0.0	45.355	1.842	0.0	1.905	0.0	1.852	0.0	0.0	2.036	0.0	0.0	2.013	0.0	
23	4452	4453	SN	1	0.0	32.583	16.037	0.0	27.305	14.091	0.0	229.032	13.553	0.0	63.296	13.377	0.0	1.9	0.0	1.952	0.0	0.0	2.071	0.0	0.0	2.1	0.0	
24	4452	4453	NS	1	0.0	27.299	14.905	0.0	33.542	14.126	0.0	353.15	10.816	0.0	48.835	9.932	0.0	1.908	0.0	1.859	0.0	0.0	2.04	0.0	0.0	2.013	0.0	
25	4453	4454	SN	1	0.0	34.369	15.964	0.0	25.755	13.141	0.0	87.959	13.58	0.0	15.541	12.148	0.0	1.896	0.0	1.941	0.0	0.0	2.065	0.0	0.0	2.087	0.0	
26	4453	4454	SN	1	0.0	34.369	16.072	0.0	27.299	14.075	0.0	87.959	13.59	0.0	89.646	13.384	0.0	1.896	0.0	1.941	0.0	0.0	2.065	0.0	0.0	2.087	0.0	
27	4453	4454	NS	1	0.0	27.288	14.896	0.0	33.537	14.167	0.0	355.891	10.759	0.0	59.022	9.945	0.0	1.902	0.0	1.86	0.0	0.0	2.041	0.0	0.0	2.014	0.0	
28	4453	4454	NS	1	0.0	28.11	8.201	0.0	25.75	8.267	0.0	350.525	2.239	0.0	42.791	1.847	0.0	1.906	0.0	1.853	0.0	0.0	2.036	0.0	0.0	2.013	0.0	
29	4453	4454	NS	1	0.0	28.11	8.191	0.0	25.744	8.279	0.0	355.991	2.229	0.0	46.177	1.855	0.0	1.906	0.0	1.852	0.0	0.0	2.035	0.0	0.0	2.013	0.0	
30	4453	4454	SN	1	0.0	30.244	15.972	0.0	27.299	13.927	0.0	87.959	13.392	0.0	89.646	13.209	0.0	1.896	0.0	1.941	0.0	0.0	2.065	0.0	0.0	2.087	0.0	
31	4453	4454	NS	1	0.0	27.299	14.947	0.0	32.577	14.182	0.0	355.891	10.717	0.0	46.469	9.977	0.0	1.907	0.0	1.86	0.0	0.0	2.041	0.0	0.0	2.013	0.0	

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

32	4453	4454	SN	1	0.0	24.68	9.619	0.0	27.702	9.815	0.0	227.306	3.716	0.0	82.306	4.278	0.0	1.888	0.0	0.0	1.961	0.0	0.0	2.063	0.0	0.0	2.11	0.0
33	4453	4454	SN	1	0.0	24.68	9.626	0.0	25.49	9.51	0.0	227.306	3.826	0.0	14.295	3.965	0.0	1.888	0.0	0.0	1.961	0.0	0.0	2.063	0.0	0.0	2.11	0.0
34	4453	4454	SN	1	0.0	24.68	9.706	0.0	27.702	9.857	0.0	227.306	3.795	0.0	82.306	4.355	0.0	1.888	0.0	0.0	1.961	0.0	0.0	2.063	0.0	0.0	2.11	0.0
35	4454	4455	NS	1	0.0	28.082	6.89	0.0	23.968	4.316	0.0	348.17	2.663	0.0	16.595	0.765	0.0	1.882	0.0	0.0	1.852	0.0	0.0	2.027	0.0	0.0	2.013	0.0
36	4454	4455	SN	1	0.0	27.156	9.793	0.0	27.299	12.437	0.0	28.606	6.055	0.0	59.882	4.839	0.0	1.864	0.0	0.0	1.865	0.0	0.0	2.045	0.0	0.0	2.022	0.0
37	4454	4455	SN	1	0.0	28.446	10.081	0.0	25.667	11.84	0.0	28.606	5.9	0.0	15.061	3.489	0.0	1.869	0.0	0.0	1.891	0.0	0.0	2.052	0.0	0.0	2.026	0.0
38	4454	4455	SN	1	0.0	23.235	4.658	0.0	27.713	6.416	0.0	16.589	0.956	0.0	274.509	1.969	0.0	1.904	0.0	0.0	1.865	0.0	0.0	2.039	0.0	0.0	2.017	0.0
39	4454	4455	SN	1	0.0	23.235	4.778	0.0	25.297	6.596	0.0	16.589	1.103	0.0	12.221	0.989	0.0	1.904	0.0	0.0	1.887	0.0	0.0	2.048	0.0	0.0	2.031	0.0
40	4454	4455	NS	1	0.0	27.305	13.892	0.0	30.89	8.797	0.0	354.524	10.618	0.0	30.266	4.338	0.0	1.894	0.0	0.0	1.857	0.0	0.0	2.024	0.0	0.0	2.014	0.0
41	4454	4455	NS	1	0.0	27.305	14.895	0.0	32.621	14.194	0.0	354.524	10.556	0.0	53.132	9.906	0.0	1.908	0.0	0.0	1.866	0.0	0.0	2.04	0.0	0.0	2.022	0.0
42	4454	4455	SN	1	0.0	32.616	15.996	0.0	27.299	14.079	0.0	163.955	13.502	0.0	59.882	13.366	0.0	1.932	0.0	0.0	1.953	0.0	0.0	2.069	0.0	0.0	2.112	0.0
43	4454	4455	NS	1	0.0	28.082	7.935	0.0	25.739	8.133	0.0	348.17	2.124	0.0	43.546	1.79	0.0	1.909	0.0	0.0	1.865	0.0	0.0	2.042	0.0	0.0	2.028	0.0
44	4454	4455	SN	1	0.0	24.68	9.417	0.0	27.713	9.822	0.0	177.748	3.621	0.0	274.509	4.263	0.0	1.919	0.0	0.0	1.961	0.0	0.0	2.069	0.0	0.0	2.117	0.0
45	4455	4456	SN	1	0.0	24.669	9.727	0.0	27.63	9.842	0.0	251.192	3.748	0.0	152.327	4.242	0.0	1.888	0.0	0.0	1.958	0.0	0.0	2.063	0.0	0.0	2.11	0.0
46	4455	4456	SN	1	0.0	24.669	9.722	0.0	27.63	9.89	0.0	251.192	3.748	0.0	152.327	4.288	0.0	1.888	0.0	0.0	1.958	0.0	0.0	2.063	0.0	0.0	2.11	0.0
47	4455	4456	NS	1	0.0	27.994	8.245	0.0	25.744	8.318	0.0	345.435	2.324	0.0	41.351	1.856	0.0	1.905	0.0	0.0	1.854	0.0	0.0	2.036	0.0	0.0	2.014	0.0
48	4455	4456	SN	1	0.0	24.669	9.865	0.0	26.549	9.726	0.0	251.192	3.965	0.0	14.289	3.966	0.0	1.888	0.0	0.0	1.958	0.0	0.0	2.063	0.0	0.0	2.11	0.0
49	4455	4456	NS	1	0.0	27.31	15.002	0.0	37.05	14.139	0.0	352.384	10.802	0.0	51.328	10.0	0.0	1.908	0.0	0.0	1.858	0.0	0.0	2.04	0.0	0.0	2.014	0.0
50	4455	4456	NS	1	0.0	27.305	15.035	0.0	32.693	14.254	0.0	352.384	10.832	0.0	54.356	10.091	0.0	1.905	0.0	0.0	1.858	0.0	0.0	2.041	0.0	0.0	2.015	0.0
51	4455	4456	NS	1	0.0	28.132	8.24	0.0	25.744	8.313	0.0	348.33	2.308	0.0	43.944	1.861	0.0	1.905	0.0	0.0	1.854	0.0	0.0	2.036	0.0	0.0	2.013	0.0
52	4455	4456	SN	1	0.0	32.583	16.283	0.0	25.43	13.333	0.0	148.447	14.102	0.0	14.714	12.218	0.0	1.899	0.0	0.0	1.954	0.0	0.0	2.065	0.0	0.0	2.119	0.0
53	4455	4456	SN	1	0.0	32.583	16.096	0.0	27.288	14.087	0.0	148.447	13.538	0.0	62.54	13.166	0.0	1.899	0.0	0.0	1.954	0.0	0.0	2.065	0.0	0.0	2.119	0.0
54	4455	4456	SN	1	0.0	30.195	16.069	0.0	27.288	14.114	0.0	148.447	13.538	0.0	62.54	13.286	0.0	1.899	0.0	0.0	1.954	0.0	0.0	2.065	0.0	0.0	2.119	0.0
55	4456	4457	SN	1	0.0	32.511	16.059	0.0	27.294	14.084	0.0	351.97	13.489	0.0	63.957	13.088	0.0	1.897	0.0	0.0	1.942	0.0	0.0	2.066	0.0	0.0	2.121	0.0
56	4456	4457	SN	1	0.0	32.511	16.059	0.0	27.294	14.084	0.0	351.97	13.489	0.0	63.957	13.088	0.0	1.897	0.0	0.0	1.942	0.0	0.0	2.066	0.0	0.0	2.121	0.0
57	4456	4457	NS	1	0.0	27.299	14.958	0.0	37.116	14.138	0.0	351.722	10.844	0.0	51.968	9.979	0.0	1.906	0.0	0.0	1.858	0.0	0.0	2.04	0.0	0.0	2.013	0.0
58	4456	4457	NS	1	0.0	27.994	8.245	0.0	27.04	8.275	0.0	356.195	2.292	0.0	41.203	1.84	0.0	1.906	0.0	0.0	1.854	0.0	0.0	2.036	0.0	0.0	2.013	0.0
59	4456	4457	NS	1	0.0	28.066	8.226	0.0	27.04	8.299	0.0	348.562	2.276	0.0	46.574	1.855	0.0	1.907	0.0	0.0	1.854	0.0	0.0	2.035	0.0	0.0	2.013	0.0
60	4456	4457	NS	1	0.0	27.299	15.022	0.0	32.737	14.253	0.0	351.722	10.79	0.0	55.051	10.048	0.0	1.914	0.0	0.0	1.86	0.0	0.0	2.04	0.0	0.0	2.013	0.0
61	4456	4457	NS	1	0.0	27.299	15.022	0.0	32.737	14.253	0.0	351.722	10.79	0.0	55.051	10.048	0.0	1.914	0.0	0.0	1.86	0.0	0.0	2.04	0.0	0.0	2.013	0.0
62	4456	4457	SN	1	0.0	24.674	9.719	0.0	27.625	9.861	0.0	198.987	3.715	0.0	74.072	4.153	0.0	1.889	0.0	0.0	1.961	0.0	0.0	2.063	0.0	0.0	2.111	0.0
63	4456	4457	NS	1	0.0	28.066	8.226	0.0	27.04	8.299	0.0	348.562	2.276	0.0	46.574	1.855	0.0	1.907	0.0	0.0	1.854	0.0	0.0	2.035	0.0	0.0	2.013	0.0
64	4456	4457	SN	1	0.0	24.674	9.719	0.0	27.625	9.861	0.0	198.987	3.715	0.0	74.072	4.153	0.0	1.889	0.0	0.0	1.961	0.0	0.0	2.063	0.0	0.0	2.111	0.0
65	4457	4458	NS	1	0.0	27.299	14.94	0.0	36.763	14.158	0.0	358.219	10.827	0.0	52.304	9.979	0.0	1.902	0.0	0.0	1.861	0.0	0.0	2.04	0.0	0.0	2.013	0.0
66	4457	4458	NS	1	0.0	27.299	14.94	0.0	36.763	14.158	0.0	358.219	10.827	0.0	52.304	9.979	0.0	1.902	0.0	0.0	1.861	0.0	0.0	2.04	0.0	0.0	2.013	0.0
67	4457	4458	SN	1	0.0	24.669	9.687	0.0	27.663	9.865	0.0	264.306	3.711	0.0	74.828	4.174	0.0	1.888	0.0	0.0	1.966	0.0	0.0	2.063	0.0	0.0	2.109	0.0
68	4457	4458	NS	1	0.0	28.049	8.222	0.0	27.04	8.257	0.0	356.239	2.281	0.0	41.583	1.81	0.0	1.905	0.0	0.0	1.856	0.0	0.0	2.036	0.0	0.0	2.013	0.0

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



69	4457	4458	SN	1	0.0	32.5	16.058	0.0	27.283	14.144	0.0	347.15	13.551	0.0	64.47	13.173	0.0	1.897	0.0	0.0	1.937	0.0	0.0	2.066	0.0	0.0	2.124	0.0
70	4457	4458	NS	1	0.0	28.049	8.222	0.0	27.04	8.257	0.0	356.239	2.281	0.0	41.583	1.81	0.0	1.905	0.0	0.0	1.856	0.0	0.0	2.036	0.0	0.0	2.013	0.0
71	4458	4459	NS	1	0.0	27.294	14.93	0.0	32.362	14.228	0.0	355.373	10.775	0.0	53.363	9.988	0.0	1.904	0.0	0.0	1.862	0.0	0.0	2.04	0.0	0.0	2.013	0.0
72	4458	4459	SN	1	0.0	20.891	50.0	0.0	16.528	7.955	100000.0	-100000.0	0.0	0.0	9.85	0.0	0.0	0.705	0.0	0.0	1.783	0.0	100000.0	-100000.0	0.0	0.0	1.946	0.0
73	4458	4459	SN	1	100000.0	-100000.0	0.0	0.0	13.026	1.488	100000.0	-100000.0	0.0	0.0	9.282	0.0	100000.0	-100000.0	0.0	0.0	1.784	0.0	100000.0	-100000.0	0.0	0.0	1.943	0.0
74	4458	4459	NS	1	0.0	28.193	8.2	0.0	27.046	8.247	0.0	350.784	2.286	0.0	35.605	1.817	0.0	1.906	0.0	0.0	1.855	0.0	0.0	2.036	0.0	0.0	2.012	0.0
75	4459	4460	NS	1	0.0	28.121	8.239	0.0	25.755	8.277	0.0	355.494	2.275	0.0	36.107	1.83	0.0	1.906	0.0	0.0	1.856	0.0	0.0	2.035	0.0	0.0	2.013	0.0
76	4459	4460	NS	1	0.0	27.31	14.93	0.0	33.46	14.208	0.0	352.086	10.832	0.0	53.975	10.024	0.0	1.911	0.0	0.0	1.858	0.0	0.0	2.04	0.0	0.0	2.014	0.0
77	4463	4464	SN	1	0.0	24.663	9.708	0.0	25.49	9.9	0.0	254.126	3.793	0.0	14.3	4.005	0.0	1.889	0.0	0.0	1.964	0.0	0.0	2.065	0.0	0.0	2.11	0.0
78	4463	4464	SN	1	0.0	32.494	16.064	0.0	27.294	14.134	0.0	199.792	13.543	0.0	63.092	13.179	0.0	1.898	0.0	0.0	1.939	0.0	0.0	2.068	0.0	0.0	2.11	0.0
79	4463	4464	NS	1	0.0	27.299	14.933	0.0	35.219	14.182	0.0	359.239	10.866	0.0	49.53	10.132	0.0	1.912	0.0	0.0	1.863	0.0	0.0	2.042	0.0	0.0	2.014	0.0
80	4463	4464	SN	1	0.0	32.494	16.072	0.0	27.294	13.833	0.0	199.792	13.721	0.0	17.378	12.754	0.0	1.898	0.0	0.0	1.939	0.0	0.0	2.068	0.0	0.0	2.11	0.0
81	4463	4464	SN	1	0.0	24.663	9.684	0.0	27.751	9.922	0.0	254.126	3.735	0.0	64.338	4.158	0.0	1.889	0.0	0.0	1.964	0.0	0.0	2.065	0.0	0.0	2.11	0.0
82	4463	4464	NS	1	0.0	28.182	8.232	0.0	25.744	8.316	0.0	355.908	2.314	0.0	45.317	1.844	0.0	1.905	0.0	0.0	1.854	0.0	0.0	2.035	0.0	0.0	2.014	0.0
83	4464	4465	SN	1	0.0	32.577	16.053	0.0	27.294	13.915	0.0	199.097	13.671	0.0	201.19	12.947	0.0	1.897	0.0	0.0	1.978	0.0	0.0	2.067	0.0	0.0	2.11	0.0
84	4464	4465	NS	1	0.0	27.294	14.927	0.0	32.572	14.155	0.0	353.134	10.761	0.0	46.944	9.999	0.0	1.907	0.0	0.0	1.86	0.0	0.0	2.039	0.0	0.0	2.013	0.0
85	4464	4465	SN	1	0.0	30.31	16.025	0.0	27.294	14.106	0.0	199.097	13.598	0.0	201.19	13.334	0.0	1.897	0.0	0.0	1.978	0.0	0.0	2.067	0.0	0.0	2.11	0.0
86	4464	4465	NS	1	0.0	28.165	8.215	0.0	27.035	8.27	0.0	346.891	2.264	0.0	42.482	1.824	0.0	1.905	0.0	0.0	1.852	0.0	0.0	2.035	0.0	0.0	2.012	0.0
87	4464	4465	SN	1	0.0	24.669	9.708	0.0	26.742	9.906	0.0	219.276	3.781	0.0	197.765	4.132	0.0	1.891	0.0	0.0	1.964	0.0	0.0	2.066	0.0	0.0	2.111	0.0
88	4464	4465	SN	1	0.0	24.669	9.695	0.0	27.702	9.973	0.0	219.276	3.747	0.0	197.765	4.287	0.0	1.891	0.0	0.0	1.964	0.0	0.0	2.066	0.0	0.0	2.111	0.0
89	4465	4466	SN	1	0.0	32.55	16.068	0.0	27.294	13.868	0.0	187.576	13.633	0.0	18.867	12.942	0.0	1.897	0.0	0.0	1.976	0.0	0.0	2.068	0.0	0.0	2.107	0.0
90	4465	4466	SN	1	0.0	24.696	9.742	0.0	26.152	9.857	0.0	180.076	3.837	0.0	14.3	4.145	0.0	1.892	0.0	0.0	1.961	0.0	0.0	2.065	0.0	0.0	2.108	0.0
91	4465	4466	SN	1	0.0	24.696	9.731	0.0	27.688	9.868	0.0	180.076	3.799	0.0	50.247	4.27	0.0	1.892	0.0	0.0	1.961	0.0	0.0	2.065	0.0	0.0	2.108	0.0
92	4465	4466	NS	1	0.0	27.266	14.899	0.0	32.511	14.148	0.0	359.118	10.773	0.0	59.22	9.989	0.0	1.912	0.0	0.0	1.859	0.0	0.0	2.042	0.0	0.0	2.012	0.0
93	4465	4466	NS	1	0.0	28.154	8.166	0.0	25.739	8.241	0.0	356.068	2.216	0.0	46.343	1.828	0.0	1.905	0.0	0.0	1.852	0.0	0.0	2.034	0.0	0.0	2.012	0.0
94	4465	4466	SN	1	0.0	32.55	16.052	0.0	27.294	14.082	0.0	187.576	13.553	0.0	65.7	13.235	0.0	1.897	0.0	0.0	1.976	0.0	0.0	2.068	0.0	0.0	2.107	0.0
95	4466	4467	NS	1	0.0	28.176	8.174	0.0	25.75	8.21	0.0	306.361	2.202	0.0	43.348	1.813	0.0	1.905	0.0	0.0	1.854	0.0	0.0	2.034	0.0	0.0	2.013	0.0
96	4466	4467	SN	1	0.0	32.544	16.082	0.0	27.294	14.084	0.0	204.513	13.604	0.0	66.869	13.227	0.0	1.898	0.0	0.0	1.98	0.0	0.0	2.071	0.0	0.0	2.1	0.0
97	4466	4467	SN	1	0.0	24.696	9.74	0.0	27.796	9.899	0.0	202.003	3.823	0.0	67.415	4.292	0.0	1.889	0.0	0.0	1.969	0.0	0.0	2.066	0.0	0.0	2.11	0.0
98	4466	4467	NS	1	0.0	27.266	14.938	0.0	32.5	14.132	0.0	354.099	10.717	0.0	52.845	9.963	0.0	1.906	0.0	0.0	1.859	0.0	0.0	2.041	0.0	0.0	2.012	0.0
99	4467	4468	NS	1	0.0	27.272	14.946	0.0	32.494	14.164	0.0	355.224	10.756	0.0	53.689	9.977	0.0	1.911	0.0	0.0	1.857	0.0	0.0	2.04	0.0	0.0	2.013	0.0
100	4467	4468	SN	1	0.0	24.663	9.686	0.0	27.735	9.947	0.0	208.566	3.839	0.0	155.818	4.31	0.0	1.889	0.0	0.0	1.965	0.0	0.0	2.066	0.0	0.0	2.109	0.0
101	4467	4468	SN	1	0.0	32.478	16.108	0.0	27.294	14.038	0.0	143.71	13.616	0.0	67.89	13.202	0.0	1.9	0.0	0.0	1.945	0.0	0.0	2.069	0.0	0.0	2.125	0.0
102	4467	4468	SN	1	0.0	32.472	16.135	0.0	27.294	13.723	0.0	143.566	13.863	0.0	16.837	12.644	0.0	1.896	0.0	0.0	1.945	0.0	0.0	2.069	0.0	0.0	2.126	0.0
103	4467	4468	NS	1	0.0	28.121	8.197	0.0	27.029	8.212	0.0	348.518	2.202	0.0	44.076	1.808	0.0	1.905	0.0	0.0	1.852	0.0	0.0	2.036	0.0	0.0	2.012	0.0
104	4467	4468	SN	1	0.0	24.663	9.685	0.0	27.74	9.906	0.0	208.743	3.829	0.0	155.515	4.274	0.0	1.89	0.0	0.0	1.964	0.0	0.0	2.067	0.0	0.0	2.108	0.0
105	4467	4468	NS	1	0.0	27.272	14.936	0.0	32.494	14.123	0.0	355.235	10.763	0.0	53.722	9.991	0.0	1.911	0.0	0.0	1.858	0.0	0.0	2.04	0.0	0.0	2.013	0.0

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

106	4467	4468	SN	1	0.0	30.128	16.081	0.0	27.294	14.077	0.0	143.572	13.616	0.0	70.272	13.337	0.0	1.896	0.0	0.0	1.945	0.0	0.0	2.069	0.0	0.0	2.126	0.0
107	4467	4468	NS	1	0.0	28.121	8.2	0.0	27.029	8.223	0.0	348.512	2.209	0.0	44.412	1.8	0.0	1.906	0.0	0.0	1.851	0.0	0.0	2.036	0.0	0.0	2.012	0.0
108	4467	4468	SN	1	0.0	24.663	9.73	0.0	25.479	9.861	0.0	208.566	3.931	0.0	14.295	4.068	0.0	1.889	0.0	0.0	1.965	0.0	0.0	2.066	0.0	0.0	2.109	0.0
109	4468	4469	NS	1	0.0	28.154	8.192	0.0	25.75	8.272	0.0	349.251	2.202	0.0	41.881	1.805	0.0	1.905	0.0	0.0	1.852	0.0	0.0	2.035	0.0	0.0	2.012	0.0
110	4468	4469	NS	1	0.0	28.126	8.197	0.0	25.75	8.262	0.0	348.634	2.184	0.0	44.578	1.8	0.0	1.904	0.0	0.0	1.852	0.0	0.0	2.035	0.0	0.0	2.012	0.0
111	4468	4469	NS	1	0.0	27.25	14.991	0.0	36.973	14.11	0.0	351.716	10.738	0.0	51.549	9.973	0.0	1.906	0.0	0.0	1.859	0.0	0.0	2.039	0.0	0.0	2.013	0.0
112	4468	4469	NS	1	0.0	27.283	14.966	0.0	32.472	14.165	0.0	351.716	10.748	0.0	54.604	10.027	0.0	1.912	0.0	0.0	1.859	0.0	0.0	2.039	0.0	0.0	2.013	0.0
113	4468	4469	SN	1	0.0	24.68	9.693	0.0	27.79	9.931	0.0	273.919	3.826	0.0	67.046	4.238	0.0	1.891	0.0	0.0	1.962	0.0	0.0	2.064	0.0	0.0	2.106	0.0
114	4468	4469	SN	1	0.0	30.128	16.087	0.0	27.294	14.065	0.0	147.085	13.632	0.0	43.982	13.307	0.0	1.901	0.0	0.0	1.944	0.0	0.0	2.067	0.0	0.0	2.125	0.0
115	4468	4469	SN	1	0.0	24.68	9.686	0.0	27.79	9.981	0.0	273.919	3.824	0.0	67.195	4.288	0.0	1.891	0.0	0.0	1.962	0.0	0.0	2.064	0.0	0.0	2.106	0.0
116	4468	4469	SN	1	0.0	32.472	16.115	0.0	27.288	14.039	0.0	147.085	13.618	0.0	43.905	13.188	0.0	1.901	0.0	0.0	1.944	0.0	0.0	2.067	0.0	0.0	2.125	0.0
117	4468	4469	SN	1	0.0	32.472	16.152	0.0	27.228	13.532	0.0	147.085	14.03	0.0	15.508	12.462	0.0	1.901	0.0	0.0	1.944	0.0	0.0	2.067	0.0	0.0	2.125	0.0
118	4468	4469	SN	1	0.0	24.68	9.75	0.0	25.49	9.859	0.0	273.919	3.955	0.0	14.3	4.04	0.0	1.891	0.0	0.0	1.962	0.0	0.0	2.064	0.0	0.0	2.106	0.0
119	4469	4470	NS	1	0.0	27.244	14.976	0.0	37.066	14.082	0.0	357.259	10.827	0.0	52.459	10.093	0.0	1.903	0.0	0.0	1.861	0.0	0.0	2.04	0.0	0.0	2.013	0.0
120	4469	4470	NS	1	0.0	28.033	8.188	0.0	25.739	8.269	0.0	358.864	2.228	0.0	42.057	1.829	0.0	1.905	0.0	0.0	1.855	0.0	0.0	2.035	0.0	0.0	2.012	0.0
121	4469	4470	SN	1	0.0	32.616	16.143	0.0	25.617	13.337	0.0	154.172	14.201	0.0	14.697	12.3	0.0	1.896	0.0	0.0	1.936	0.0	0.0	2.063	0.0	0.0	2.111	0.0
122	4469	4470	SN	1	0.0	24.669	9.797	0.0	25.485	9.814	0.0	270.207	4.007	0.0	14.289	3.984	0.0	1.889	0.0	0.0	1.961	0.0	0.0	2.061	0.0	0.0	2.11	0.0
123	4469	4470	NS	1	0.0	28.033	8.177	0.0	25.744	8.266	0.0	353.509	2.241	0.0	42.146	1.831	0.0	1.904	0.0	0.0	1.856	0.0	0.0	2.035	0.0	0.0	2.012	0.0
124	4469	4470	NS	1	0.0	27.25	14.941	0.0	37.077	14.11	0.0	357.309	10.862	0.0	52.547	10.022	0.0	1.91	0.0	0.0	1.863	0.0	0.0	2.04	0.0	0.0	2.013	0.0
125	4469	4470	SN	1	0.0	30.735	16.003	0.0	27.283	14.106	0.0	154.172	13.674	0.0	61.266	13.313	0.0	1.896	0.0	0.0	1.936	0.0	0.0	2.063	0.0	0.0	2.111	0.0
126	4469	4470	SN	1	0.0	24.669	9.664	0.0	27.757	9.965	0.0	270.207	3.821	0.0	156.805	4.257	0.0	1.889	0.0	0.0	1.961	0.0	0.0	2.061	0.0	0.0	2.11	0.0
127	4469	4470	SN	1	0.0	32.61	16.005	0.0	27.288	14.077	0.0	154.492	13.659	0.0	61.139	13.199	0.0	1.898	0.0	0.0	1.931	0.0	0.0	2.063	0.0	0.0	2.11	0.0
128	4469	4470	SN	1	0.0	24.669	9.648	0.0	27.763	9.914	0.0	270.423	3.82	0.0	145.671	4.219	0.0	1.891	0.0	0.0	1.962	0.0	0.0	2.06	0.0	0.0	2.102	0.0
129	4470	4471	SN	1	0.0	32.616	16.033	0.0	27.294	14.13	0.0	353.597	13.564	0.0	77.831	13.127	0.0	1.896	0.0	0.0	1.94	0.0	0.0	2.064	0.0	0.0	2.105	0.0
130	4470	4471	NS	1	0.0	27.266	14.934	0.0	37.16	14.118	0.0	357.48	10.849	0.0	53.473	10.008	0.0	1.905	0.0	0.0	1.859	0.0	0.0	2.04	0.0	0.0	2.012	0.0
131	4470	4471	NS	1	0.0	27.266	14.974	0.0	37.155	14.138	0.0	357.424	10.934	0.0	53.374	10.036	0.0	1.911	0.0	0.0	1.857	0.0	0.0	2.04	0.0	0.0	2.012	0.0
132	4470	4471	NS	1	0.0	28.096	8.202	0.0	25.75	8.311	0.0	348.601	2.237	0.0	51.483	1.831	0.0	1.905	0.0	0.0	1.854	0.0	0.0	2.036	0.0	0.0	2.012	0.0
133	4470	4471	NS	1	0.0	28.096	8.214	0.0	25.75	8.311	0.0	345.744	2.234	0.0	53.297	1.826	0.0	1.906	0.0	0.0	1.853	0.0	0.0	2.036	0.0	0.0	2.013	0.0
134	4470	4471	SN	1	0.0	24.669	9.633	0.0	27.807	9.947	0.0	230.246	3.798	0.0	73.278	4.094	0.0	1.89	0.0	0.0	1.959	0.0	0.0	2.061	0.0	0.0	2.105	0.0
135	4471	4472	SN	1	0.0	24.68	9.587	0.0	27.818	9.894	0.0	203.923	3.797	0.0	74.028	4.145	0.0	1.89	0.0	0.0	1.957	0.0	0.0	2.058	0.0	0.0	2.105	0.0
136	4471	4472	NS	1	0.0	28.193	8.186	0.0	25.75	8.302	0.0	334.956	2.225	0.0	36.509	1.817	0.0	1.906	0.0	0.0	1.855	0.0	0.0	2.034	0.0	0.0	2.012	0.0
137	4471	4472	NS	1	0.0	27.255	14.948	0.0	32.351	14.198	0.0	355.809	10.816	0.0	54.532	9.996	0.0	1.905	0.0	0.0	1.86	0.0	0.0	2.041	0.0	0.0	2.012	0.0
138	4471	4472	SN	1	0.0	32.676	15.893	0.0	27.288	14.061	0.0	348.385	13.592	0.0	78.564	13.119	0.0	1.897	0.0	0.0	1.928	0.0	0.0	2.062	0.0	0.0	2.104	0.0
139	4472	4473	NS	1	0.0	27.261	14.93	0.0	32.357	14.194	0.0	355.891	10.759	0.0	55.018	9.996	0.0	1.906	0.0	0.0	1.857	0.0	0.0	2.039	0.0	0.0	2.012	0.0
140	4472	4473	SN	1	0.0	24.658	9.577	0.0	27.84	9.919	0.0	275.138	3.819	0.0	74.932	4.15	0.0	1.89	0.0	0.0	1.959	0.0	0.0	2.059	0.0	0.0	2.107	0.0
141	4472	4473	SN	1	0.0	32.649	15.955	0.0	27.288	14.081	0.0	99.182	13.614	0.0	79.099	13.125	0.0	1.896	0.0	0.0	1.938	0.0	0.0	2.064	0.0	0.0	2.107	0.0
142	4472	4473	NS	1	0.0	28.171	8.182	0.0	25.744	8.269	0.0	357.91	2.193	0.0	54.185	1.81	0.0	1.904	0.0	0.0	1.854	0.0	0.0	2.035	0.0	0.0	2.012	0.0

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

143	4473	4474	NS	1	0.0	28.259	8.196	0.0	25.755	8.271	0.0	352.764	2.223	0.0	14.731	1.777	0.0	1.905	0.0	0.0	1.854	0.0	0.0	2.035	0.0	0.0	2.012	0.0
144	4473	4474	NS	1	0.0	27.261	14.991	0.0	32.345	14.165	0.0	353.757	10.811	0.0	37.105	10.084	0.0	1.905	0.0	0.0	1.861	0.0	0.0	2.039	0.0	0.0	2.012	0.0
145	4473	4474	SN	1	0.0	32.66	16.089	0.0	27.288	13.994	0.0	92.288	13.672	0.0	65.253	13.13	0.0	1.897	0.0	0.0	1.939	0.0	0.0	2.069	0.0	0.0	2.125	0.0
146	4473	4474	NS	1	0.0	27.261	14.991	0.0	30.95	14.078	0.0	353.757	10.88	0.0	25.27	9.986	0.0	1.905	0.0	0.0	1.861	0.0	0.0	2.039	0.0	0.0	2.012	0.0
147	4473	4474	SN	1	0.0	24.68	9.648	0.0	208.084	9.955	0.0	258.587	3.834	0.0	68.949	4.185	0.0	1.894	0.0	0.0	1.964	0.0	0.0	2.063	0.0	0.0	2.115	0.0
148	4473	4474	NS	1	0.0	28.259	8.173	0.0	25.755	8.265	0.0	352.764	2.207	0.0	38.429	1.818	0.0	1.905	0.0	0.0	1.854	0.0	0.0	2.035	0.0	0.0	2.012	0.0
149	4474	4475	NS	1	0.0	28.209	8.195	0.0	25.75	8.279	0.0	323.513	2.246	0.0	42.438	1.829	0.0	1.904	0.0	0.0	1.854	0.0	0.0	2.034	0.0	0.0	2.012	0.0
150	4474	4475	SN	1	0.0	24.674	9.623	0.0	165.133	9.951	0.0	259.685	3.806	0.0	66.638	4.201	0.0	1.892	0.0	0.0	1.962	0.0	0.0	2.065	0.0	0.0	2.109	0.0
151	4474	4475	NS	1	0.0	27.261	15.03	0.0	32.379	14.164	0.0	329.254	10.854	0.0	42.322	10.113	0.0	1.904	0.0	0.0	1.856	0.0	0.0	2.041	0.0	0.0	2.013	0.0
152	4474	4475	NS	1	0.0	27.261	15.236	0.0	30.956	13.715	0.0	329.254	11.148	0.0	13.754	9.569	0.0	1.904	0.0	0.0	1.856	0.0	0.0	2.041	0.0	0.0	2.013	0.0
153	4474	4475	SN	1	0.0	32.5	16.039	0.0	27.294	13.993	0.0	153.311	13.644	0.0	66.505	13.152	0.0	1.896	0.0	0.0	1.946	0.0	0.0	2.071	0.0	0.0	2.124	0.0
154	4474	4475	NS	1	0.0	28.209	8.315	0.0	25.75	8.283	0.0	323.513	2.324	0.0	11.615	1.766	0.0	1.904	0.0	0.0	1.854	0.0	0.0	2.034	0.0	0.0	2.012	0.0
155	4475	4476	NS	1	0.0	27.25	15.395	0.0	30.967	13.514	0.0	331.609	11.598	0.0	12.982	9.536	0.0	1.912	0.0	0.0	1.861	0.0	0.0	2.04	0.0	0.0	2.013	0.0
156	4475	4476	NS	1	0.0	27.25	14.973	0.0	32.362	14.174	0.0	331.609	10.908	0.0	37.667	10.191	0.0	1.912	0.0	0.0	1.861	0.0	0.0	2.04	0.0	0.0	2.013	0.0
157	4475	4476	NS	1	0.0	28.204	8.522	0.0	25.755	8.383	0.0	345.689	2.429	0.0	11.604	1.804	0.0	1.905	0.0	0.0	1.853	0.0	0.0	2.036	0.0	0.0	2.012	0.0
158	4475	4476	NS	1	0.0	28.204	8.207	0.0	25.755	8.297	0.0	345.689	2.254	0.0	38.958	1.841	0.0	1.905	0.0	0.0	1.853	0.0	0.0	2.036	0.0	0.0	2.012	0.0
159	4475	4476	SN	1	0.0	24.663	9.658	0.0	27.639	9.927	0.0	234.768	3.808	0.0	56.738	4.165	0.0	1.89	0.0	0.0	1.957	0.0	0.0	2.064	0.0	0.0	2.112	0.0
160	4475	4476	SN	1	0.0	32.445	15.994	0.0	27.288	14.105	0.0	157.315	13.734	0.0	59.672	13.137	0.0	1.894	0.0	0.0	1.936	0.0	0.0	2.07	0.0	0.0	2.111	0.0
161	4476	4477	NS	1	0.0	27.261	15.628	0.0	30.961	13.387	0.0	340.091	12.185	0.0	13.17	9.462	0.0	1.911	0.0	0.0	1.862	0.0	0.0	2.041	0.0	0.0	2.012	0.0
162	4476	4477	NS	1	0.0	28.209	8.86	0.0	25.755	8.503	0.0	338.745	2.611	0.0	11.615	1.92	0.0	1.904	0.0	0.0	1.853	0.0	0.0	2.037	0.0	0.0	2.013	0.0

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