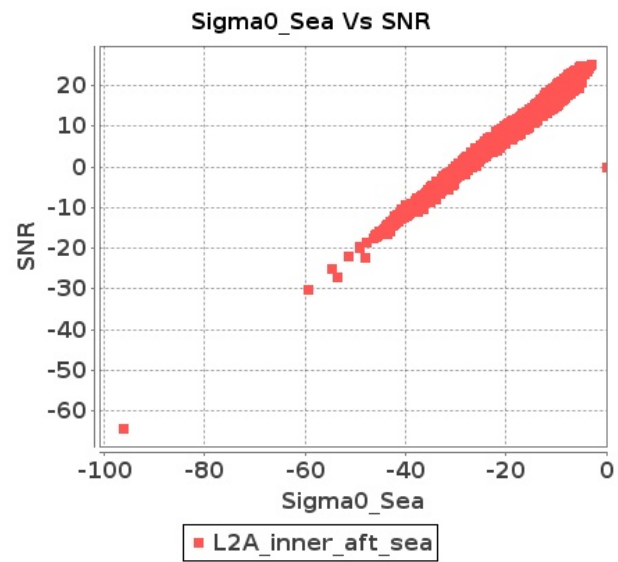


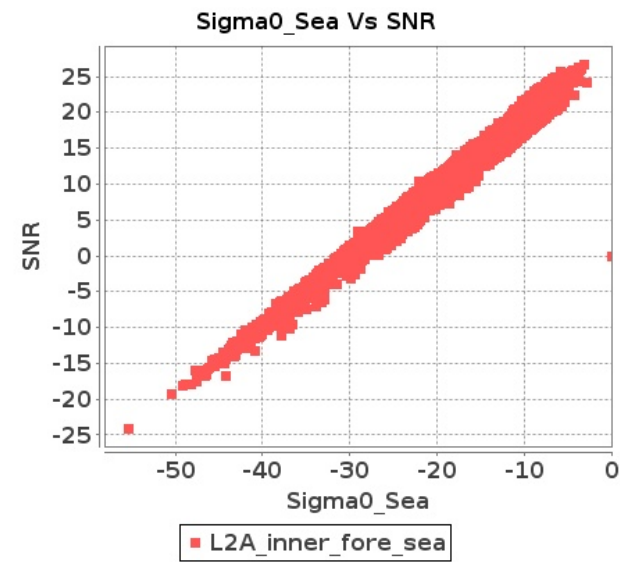
# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 21-SEP-2017 To 22-SEP-2017

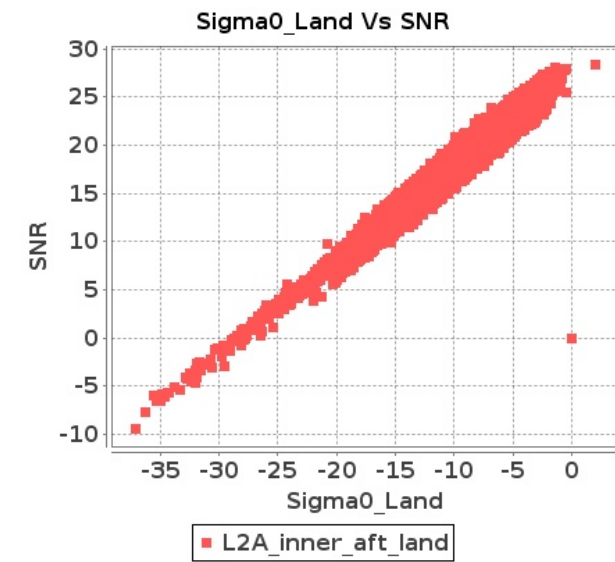
### Inner Sea Aft Sigma0VsSNR



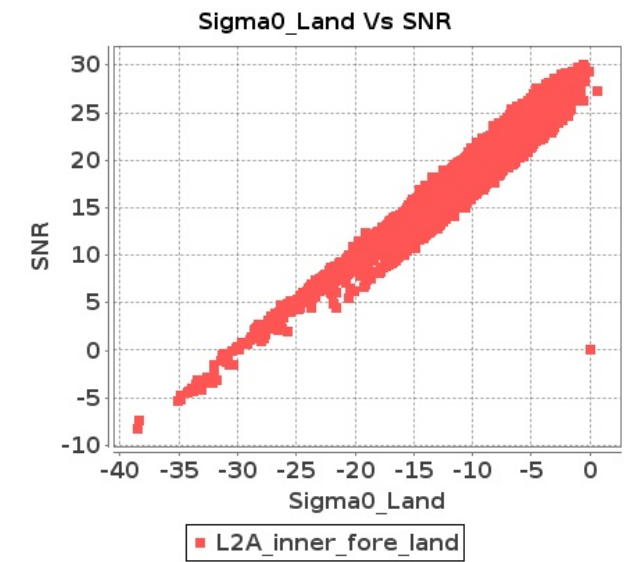
### Inner Sea Fore Sigma0VsSNR



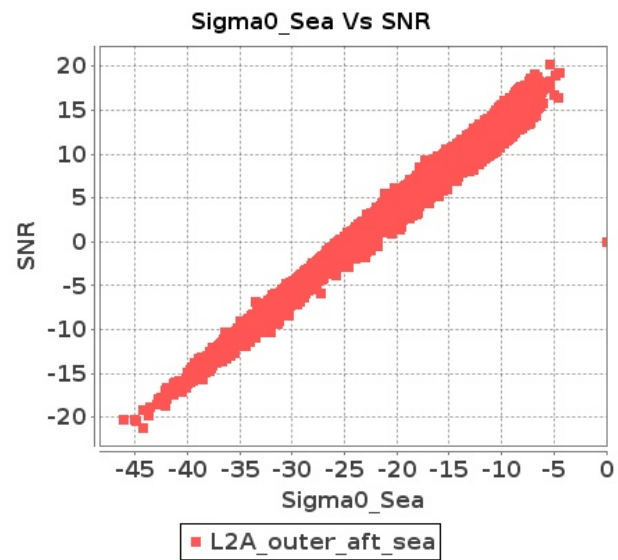
### Inner Land Aft Sigma0VsSNR



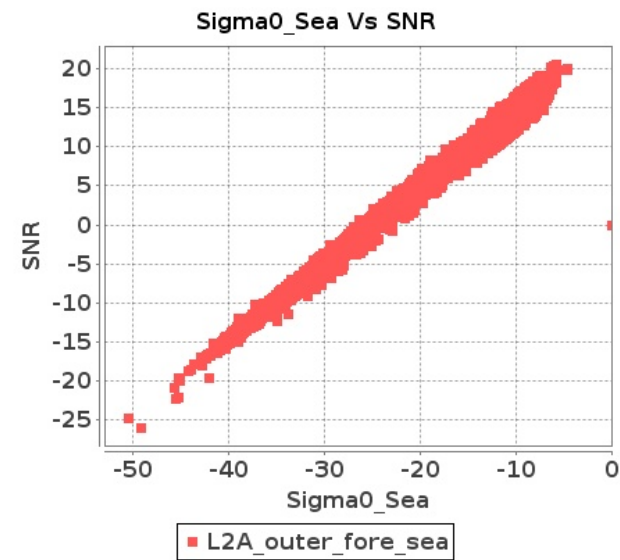
### Inner Land Fore Sigma0VsSNR



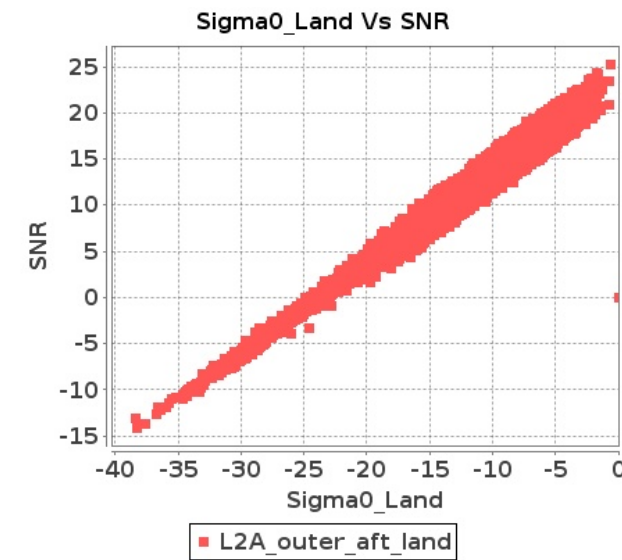
### Outer Sea Aft Sigma0VsSNR



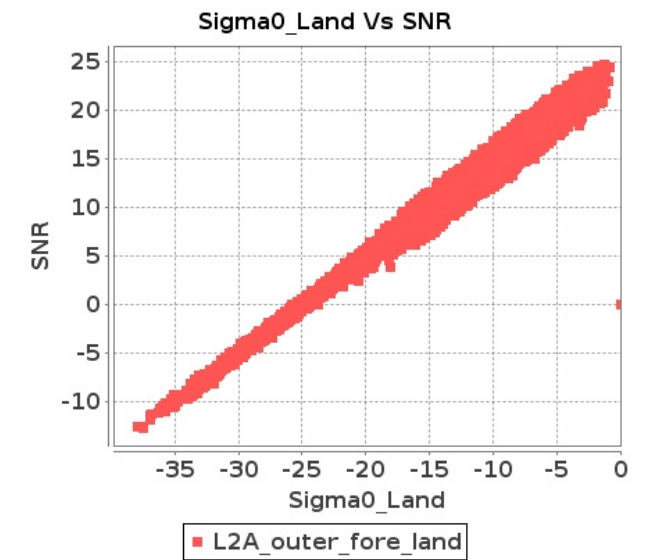
### Outer Sea Fore Sigma0VsSNR



### Outer Land Aft Sigma0VsSNR



### Outer Land Fore Sigma0VsSNR



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

Report between 21-SEP-2017 To 22-SEP-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	5217	5218	SN	1	0.0	50.095	7.746	0.0	53.76	6.659	0.0	46.26	4.885	0.0	45.391	4.843	0.0	48.029	7.234	0.0	56.169	6.052	0.0	46.042	4.43	0.0	46.577	4.529
2	5217	5218	SN	1	0.0	50.095	7.746	0.0	53.76	6.659	0.0	46.26	4.885	0.0	45.391	4.843	0.0	48.029	7.234	0.0	56.169	6.052	0.0	46.042	4.43	0.0	46.577	4.529
3	5217	5218	NS	1	0.0	50.906	13.684	0.0	59.999	12.207	0.0	43.738	8.883	0.0	49.323	8.681	0.0	54.713	12.926	0.0	60.481	11.489	0.0	44.147	8.43	0.0	48.137	8.05
4	5217	5218	SN	1	0.0	52.4	2.323	0.0	50.161	2.155	0.0	40.927	1.354	0.0	46.26	1.362	0.0	50.896	1.984	0.0	49.66	1.886	0.0	40.419	1.266	0.0	44.511	1.197
5	5217	5218	SN	1	0.732	50.095	7.705	0.0	53.76	6.813	0.0	46.26	4.793	0.0	45.391	4.957	0.125	48.029	7.202	0.0	56.169	6.193	0.0	46.042	4.342	0.0	46.577	4.636
6	5217	5218	NS	1	0.0	42.669	4.316	0.0	46.282	3.895	0.0	48.104	2.724	0.0	46.345	2.619	0.0	45.56	3.947	0.0	48.966	3.512	0.0	45.213	2.434	0.0	42.469	2.364
7	5217	5218	NS	1	0.0	50.906	13.684	0.0	59.999	12.207	0.0	43.738	8.883	0.0	49.323	8.681	0.0	54.713	12.926	0.0	60.481	11.489	0.0	44.147	8.43	0.0	48.137	8.05
8	5217	5218	NS	1	0.0	42.669	4.316	0.0	46.282	3.895	0.0	48.104	2.724	0.0	46.345	2.619	0.0	45.56	3.947	0.0	48.966	3.512	0.0	45.213	2.434	0.0	42.469	2.364
9	5217	5218	SN	1	0.0	52.4	2.322	0.0	50.161	2.203	0.0	40.927	1.335	0.0	46.26	1.391	0.0	50.896	1.985	0.0	49.66	1.927	0.0	40.419	1.238	0.0	44.511	1.222
10	5218	5219	NS	1	0.0	53.867	4.919	0.0	52.502	3.561	0.0	49.241	3.225	0.0	48.7	3.037	0.0	57.156	3.97	0.0	52.072	2.994	0.0	48.844	2.857	0.0	47.061	2.497
11	5218	5219	SN	1	0.0	46.365	4.636	0.0	49.931	3.92	0.0	40.22	3.283	0.0	47.188	3.329	0.0	43.979	4.362	0.0	50.218	3.522	0.0	41.204	3.132	0.0	44.948	2.89
12	5218	5219	SN	1	0.0	46.365	4.636	0.0	49.931	3.92	0.0	40.22	3.283	0.0	47.188	3.329	0.0	43.979	4.362	0.0	50.218	3.522	0.0	41.204	3.132	0.0	44.948	2.89
13	5218	5219	SN	1	0.0	46.209	1.317	0.0	45.612	1.065	0.0	39.018	1.031	0.0	46.535	1.078	0.0	45.721	1.164	0.0	42.133	1.033	0.0	39.405	1.024	0.0	44.377	0.948
14	5218	5219	NS	1	0.0	49.041	4.931	0.0	50.308	3.782	0.0	45.076	3.155	0.0	53.424	3.057	0.0	49.362	4.173	0.0	51.331	3.216	0.0	47.053	2.723	0.0	48.92	2.454
15	5218	5219	NS	1	0.0	47.559	1.686	0.0	44.533	1.272	0.0	42.064	1.004	0.0	41.252	0.99	0.0	49.86	1.371	0.0	43.529	1.048	0.0	42.332	0.826	0.0	41.565	0.737
16	5218	5219	SN	1	0.0	46.209	1.317	0.0	45.612	1.065	0.0	39.018	1.031	0.0	46.535	1.078	0.0	45.721	1.164	0.0	42.133	1.033	0.0	39.405	1.024	0.0	44.377	0.948
17	5218	5219	SN	1	0.0	46.365	4.621	0.0	49.931	3.881	0.0	40.22	3.257	0.0	47.188	3.295	0.0	43.979	4.34	0.0	50.218	3.487	0.0	41.204	3.122	0.0	44.948	2.86
18	5218	5219	SN	1	0.0	46.209	1.308	0.0	45.612	1.054	0.0	39.018	1.035	0.0	46.535	1.067	0.0	45.721	1.152	0.0	42.133	1.022	0.0	39.405	1.028	0.0	44.377	0.939
19	5219	5220	NS	1	0.0	52.873	5.305	0.0	44.993	4.004	0.0	38.868	3.12	0.0	46.053	2.979	0.0	49.032	4.497	0.0	43.188	3.276	0.0	40.914	2.666	0.0	43.581	2.482
20	5219	5220	NS	1	0.0	49.943	1.736	0.0	41.75	1.186	0.0	40.075	0.95	0.0	40.121	1.002	0.0	48.902	1.443	0.0	40.435	0.956	0.0	41.748	0.791	0.0	37.656	0.781
21	5219	5220	SN	1	0.0	42.875	5.416	0.0	50.287	4.76	0.0	40.878	4.318	0.0	40.332	4.397	0.0	43.087	4.61	0.0	51.299	4.155	0.0	38.185	3.914	0.0	38.915	3.788
22	5219	5220	NS	1	0.0	49.943	1.736	0.0	41.75	1.186	0.0	40.075	0.95	0.0	40.121	1.002	0.0	48.902	1.443	0.0	40.435	0.956	0.0	41.748	0.791	0.0	37.656	0.781
23	5219	5220	SN	1	0.0	42.222	1.812	0.0	43.55	1.532	0.0	36.016	1.389	0.0	38.482	1.5	0.0	43.084	1.538	0.0	41.099	1.242	0.0	37.919	1.215	0.0	35.973	1.27
24	5219	5220	SN	1	0.0	42.222	1.812	0.0	43.55	1.532	0.0	36.016	1.389	0.0	38.482	1.5	0.0	43.084	1.538	0.0	41.099	1.242	0.0	37.919	1.215	0.0	35.973	1.27
25	5219	5220	SN	1	0.0	42.222	1.84	0.0	43.55	1.554	0.0	36.016	1.404	0.0	38.482	1.519	0.0	43.084	1.556	0.0	41.099	1.26	0.0	37.919	1.233	0.0	35.973	1.288
26	5219	5220	SN	1	0.0	42.875	5.33	0.0	50.287	4.688	0.0	40.878	4.27	0.0	40.332	4.329	0.0	43.087	4.535	0.0	51.299	4.092	0.0	38.185	3.872	0.0	38.915	3.73
27	5219	5220	SN	1	0.0	42.875	5.33	0.0	50.287	4.688	0.0	40.878	4.27	0.0	40.332	4.329	0.0	43.087	4.535	0.0	51.299	4.092	0.0	38.185	3.872	0.0	38.915	3.73
28	5219	5220	NS	1	0.0	52.873	5.305	0.0	44.993	4.004	0.0	38.868	3.12	0.0	46.053	2.979	0.0	49.032	4.497	0.0	43.188	3.276	0.0	40.914	2.666	0.0	43.581	2.482
29	5220	5221	SN	1	0.0	43.902	2.083	0.0	45.55	1.808	0.0	40.794	1.623	0.0	41.885	1.579	0.0	42.416	1.649	0.0	46.861	1.483	0.0	38.915	1.366	0.0	41.699	1.238
30	5220	5221	SN	1	0.0	43.902	2.055	0.0	45.55	1.769	0.0	40.794	1.609	0.0	41.885	1.55	0.0	42.416	1.626	0.0	46.861	1.451	0.0	38.915	1.35	0.0	41.699	1.217
31	5220	5221	SN	1	0.0	43.932	2.06	0.0	46.63	1.769	0.0	38.462	1.614	0.0	41.458	1.555	0.0	42.867	1.63	0.0	47.943	1.435	0.0	35.806	1.355	0.0	39.046	1.22

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

32	5220	5221	SN	1	0.0	41.706	6.635	0.0	48.584	5.499	0.0	39.147	4.517	0.0	45.997	4.36	0.0	40.431	5.63	0.0	48.271	4.7	0.0	38.806	3.927	0.0	47.202	3.882
33	5220	5221	SN	1	0.0	41.941	6.645	0.0	48.949	5.488	0.0	39.093	4.524	0.0	43.143	4.381	0.0	40.361	5.7	0.0	48.637	4.68	0.0	38.751	3.948	0.0	44.367	3.967
34	5220	5221	NS	1	0.0	49.847	1.479	0.0	49.256	1.426	0.0	44.801	0.851	0.0	38.438	0.954	0.0	48.959	1.211	0.0	49.8	1.221	0.0	41.434	0.72	0.0	40.534	0.814
35	5220	5221	SN	1	0.0	41.706	6.724	0.0	48.584	5.616	0.0	39.147	4.534	0.0	45.997	4.449	0.0	40.431	5.706	0.0	48.271	4.81	0.0	38.806	3.952	0.0	47.202	3.966
36	5220	5221	NS	1	0.0	50.514	1.468	0.0	45.595	1.422	0.0	42.222	0.84	0.0	38.629	0.954	0.0	47.511	1.211	0.0	44.885	1.21	0.0	40.801	0.727	0.0	40.723	0.823
37	5220	5221	NS	1	0.0	58.206	5.649	0.0	51.036	5.62	0.0	52.83	3.034	0.0	40.78	3.503	0.0	59.449	4.911	0.0	50.252	4.811	0.0	52.672	2.573	0.0	39.908	2.893
38	5220	5221	NS	1	0.0	56.753	5.669	0.0	51.859	5.58	0.0	54.286	3.02	0.0	42.363	3.468	0.0	58.0	4.85	0.0	51.715	4.801	0.0	54.13	2.58	0.0	39.568	2.893
39	5221	5222	SN	1	0.0	45.302	2.611	0.0	42.368	2.501	0.0	39.905	2.195	0.0	39.885	1.985	0.0	44.212	2.367	0.0	42.469	2.274	0.0	37.853	2.035	0.0	37.219	1.801
40	5221	5222	NS	1	0.0	50.796	5.295	0.0	49.883	4.791	0.0	46.124	4.331	0.0	46.596	4.191	0.0	48.847	4.698	0.0	50.91	4.367	0.0	44.315	3.864	0.0	46.367	3.808
41	5221	5222	NS	1	0.0	50.878	5.254	0.0	51.647	4.74	0.0	45.828	4.303	0.0	46.806	4.262	0.0	52.567	4.668	0.0	50.881	4.326	0.0	44.019	3.821	0.0	45.474	3.801
42	5221	5222	NS	1	0.0	43.308	1.725	0.0	46.642	1.485	0.0	39.948	1.189	0.0	50.233	1.266	0.0	40.772	1.529	0.0	49.931	1.312	0.0	41.961	1.111	0.0	49.378	1.131
43	5221	5222	NS	1	0.0	44.659	1.707	0.0	46.559	1.505	0.0	38.743	1.194	0.0	41.438	1.274	0.0	42.416	1.529	0.0	49.847	1.345	0.0	40.756	1.104	0.0	40.557	1.129
44	5221	5222	SN	1	0.0	44.043	7.449	0.0	42.703	7.013	0.0	42.693	5.847	0.0	40.879	5.98	0.0	40.566	6.856	0.0	43.314	6.619	0.0	41.036	5.634	0.0	40.722	5.687
45	5221	5222	SN	1	0.0	45.302	2.623	0.0	42.368	2.501	0.0	39.905	2.188	0.0	39.885	1.985	0.0	44.212	2.374	0.0	42.469	2.274	0.0	37.853	2.033	0.0	37.219	1.801
46	5221	5222	SN	1	0.0	44.043	7.449	0.0	42.703	7.013	0.0	42.959	5.847	0.0	40.879	5.973	0.0	40.566	6.846	0.0	43.314	6.619	0.0	41.036	5.62	0.0	40.722	5.687
47	5222	5223	SN	1	0.0	43.047	3.01	0.0	44.685	3.04	0.0	45.278	1.969	0.0	40.712	2.394	0.0	42.883	2.644	0.0	43.76	2.65	0.0	44.767	1.829	0.0	37.106	2.132
48	5222	5223	SN	1	0.0	43.047	3.053	0.0	44.685	3.087	0.0	45.278	2.002	0.0	40.712	2.429	0.0	42.883	2.683	0.0	43.76	2.691	0.0	44.767	1.859	0.0	37.106	2.165
49	5222	5223	SN	1	0.0	42.522	3.015	0.0	49.626	3.015	0.0	39.831	1.987	0.0	42.662	2.408	0.0	40.774	2.653	0.0	51.818	2.614	0.0	40.534	1.88	0.0	41.809	2.13
50	5222	5223	NS	1	0.0	54.999	7.36	0.0	53.215	5.873	0.0	43.101	5.532	0.0	47.866	5.857	0.0	52.85	6.117	0.0	55.777	5.125	0.0	44.034	5.035	0.0	46.76	4.8
51	5222	5223	NS	1	0.0	54.999	7.35	0.0	53.215	5.924	0.0	43.101	5.511	0.0	46.74	5.821	0.0	52.85	6.107	0.0	55.777	5.146	0.0	44.034	5.071	0.0	46.76	4.772
52	5222	5223	NS	1	0.0	49.083	2.504	0.0	46.65	2.071	0.0	43.901	1.835	0.0	40.374	1.8	0.0	49.433	2.081	0.0	43.688	1.706	0.0	41.109	1.502	0.0	40.361	1.444
53	5222	5223	NS	1	0.0	49.083	2.502	0.0	46.65	2.046	0.0	43.901	1.826	0.0	40.374	1.82	0.0	49.433	2.072	0.0	43.688	1.701	0.0	41.109	1.504	0.0	40.361	1.462
54	5222	5223	SN	1	0.0	52.615	10.2	0.0	47.231	10.018	0.0	41.605	6.602	0.0	44.377	6.976	0.0	50.596	9.108	0.0	48.144	9.238	0.0	44.532	6.255	0.0	44.912	6.476
55	5222	5223	SN	1	0.0	52.615	10.071	0.0	47.231	9.867	0.0	41.605	6.492	0.0	44.377	6.869	0.0	50.596	8.996	0.0	48.144	9.098	0.0	44.532	6.151	0.0	44.912	6.377
56	5222	5223	SN	1	0.0	47.909	10.172	0.0	47.895	9.885	0.0	41.811	6.556	0.0	44.702	6.869	0.0	48.733	9.036	0.0	48.025	9.096	0.0	42.011	6.364	0.0	45.498	6.313
57	5223	5224	SN	1	0.0	50.533	2.859	0.0	48.641	2.99	0.0	43.234	1.894	0.0	43.783	1.941	0.0	51.208	2.538	0.0	47.679	2.752	0.0	45.495	1.747	0.0	42.767	1.747
58	5223	5224	SN	1	0.0	53.073	9.605	0.0	48.404	9.555	0.0	47.564	6.456	0.0	47.182	6.904	0.0	56.183	8.974	0.0	50.451	8.824	0.0	46.124	6.024	0.0	46.705	6.462
59	5223	5224	SN	1	0.0	53.073	9.497	0.0	48.404	9.332	0.0	47.564	6.236	0.0	47.182	6.67	0.0	56.183	8.813	0.0	50.451	8.555	0.0	46.124	5.802	0.0	46.705	6.213
60	5223	5224	NS	1	0.0	50.298	7.734	0.0	51.872	6.388	0.0	56.8	5.27	0.0	45.579	4.878	0.0	49.368	7.067	0.0	51.905	5.62	0.0	53.043	4.73	0.0	42.091	4.162
61	5223	5224	NS	1	0.0	48.732	7.967	0.0	52.931	6.338	0.0	49.459	5.128	0.0	43.019	4.857	0.0	47.215	7.289	0.0	53.117	5.631	0.0	45.702	4.532	0.0	40.879	4.169
62	5223	5224	SN	1	0.0	50.533	2.955	0.0	48.641	3.089	0.0	43.234	1.967	0.0	43.783	2.001	0.0	51.208	2.624	0.0	47.679	2.844	0.0	45.495	1.818	0.0	42.767	1.811
63	5223	5224	NS	1	0.0	46.822	2.466	0.0	56.085	2.096	0.0	40.408	1.729	0.0	41.17	1.464	0.0	45.176	2.103	0.0	57.56	1.692	0.0	36.685	1.531	0.0	38.758	1.267
64	5223	5224	NS	1	0.0	46.808	2.486	0.0	46.316	2.098	0.0	40.663	1.745	0.0	41.865	1.478	0.0	46.296	2.133	0.0	44.362	1.715	0.0	37.599	1.546	0.0	39.07	1.264
65	5224	5225	SN	1	0.0	48.58	1.693	0.0	44.09	1.897	0.0	41.936	1.25	0.0	48.557	1.331	0.0	47.438	1.487	0.0	44.535	1.737	0.0	39.761	1.094	0.0	49.553	1.176
66	5224	5225	NS	1	0.0	42.046	2.484	0.0	45.52	1.972	0.0	39.193	1.649	0.0	43.381	1.496	0.0	42.275	2.277	0.0	42.972	1.794	0.0	36.861	1.502	0.0	41.922	1.255
67	5224	5225	NS	1	0.0	42.767	2.495	0.0	40.674	2.032	0.0	38.127	1.647	0.0	42.809	1.489	0.0	45.095	2.211	0.0	44.613	1.785	0.0	35.622	1.516	0.0	39.808	1.283

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

68	5224	5225	SN	1	0.0	53.115	5.417	0.0	51.124	6.21	0.0	49.108	4.061	0.0	46.059	4.758	0.0	50.511	4.965	0.0	49.809	5.635	0.0	50.04	3.655	0.0	43.461	4.309
69	5224	5225	SN	1	0.0	53.115	5.417	0.0	51.124	6.21	0.0	49.108	4.061	0.0	46.059	4.758	0.0	50.511	4.965	0.0	49.809	5.635	0.0	50.04	3.655	0.0	43.461	4.309
70	5224	5225	SN	1	0.0	48.58	1.694	0.0	44.09	1.784	0.0	41.936	1.26	0.0	48.557	1.233	0.0	47.438	1.473	0.0	44.039	1.607	0.0	39.761	1.117	0.0	49.553	1.07
71	5224	5225	SN	1	0.0	48.58	1.693	0.0	44.09	1.897	0.0	41.936	1.25	0.0	48.557	1.331	0.0	47.438	1.487	0.0	44.535	1.737	0.0	39.761	1.094	0.0	49.553	1.176
72	5224	5225	SN	1	0.0	53.115	5.249	0.0	51.124	5.549	0.0	49.108	4.044	0.0	46.059	4.327	0.0	50.511	4.763	0.0	49.809	5.018	0.0	50.04	3.677	0.0	43.461	3.864
73	5224	5225	NS	1	0.0	43.989	7.663	0.0	50.237	6.155	0.0	46.011	4.972	0.0	44.663	4.488	0.0	44.042	7.258	0.0	51.041	5.609	0.0	44.063	4.851	0.0	48.228	4.049
74	5224	5225	NS	1	0.0	45.262	7.865	0.0	48.746	5.892	0.0	43.217	4.957	0.0	46.139	4.581	0.0	44.34	7.491	0.0	47.652	5.518	0.0	42.013	4.759	0.0	43.398	4.198
75	5225	5226	SN	1	0.0	51.722	4.48	0.0	52.487	4.079	0.0	40.171	2.773	0.0	39.758	2.974	0.0	52.69	4.088	0.0	51.795	3.877	0.0	38.508	2.531	0.0	38.822	2.846
76	5225	5226	SN	1	0.0	47.375	1.329	0.0	43.506	1.353	0.0	39.574	0.916	0.0	38.786	0.962	0.0	47.123	1.148	0.0	45.526	1.19	0.0	36.699	0.797	0.0	41.686	0.892
77	5225	5226	NS	1	0.0	52.609	8.882	0.0	51.894	8.391	0.0	45.259	6.232	0.0	51.707	6.028	0.0	54.43	7.983	0.0	50.223	7.694	0.0	47.27	5.871	0.0	49.236	5.426
78	5225	5226	SN	1	0.0	47.375	1.329	0.0	43.506	1.353	0.0	39.574	0.916	0.0	38.786	0.962	0.0	47.123	1.148	0.0	45.526	1.19	0.0	36.699	0.797	0.0	41.686	0.892
79	5225	5226	NS	1	0.0	52.609	8.882	0.0	51.894	8.391	0.0	45.259	6.232	0.0	51.707	6.028	0.0	54.43	7.983	0.0	50.223	7.694	0.0	47.27	5.871	0.0	49.236	5.426
80	5225	5226	NS	1	0.0	44.516	2.984	0.0	48.491	2.578	0.0	43.486	1.939	0.0	44.303	1.879	0.0	44.754	2.603	0.0	44.375	2.335	0.0	43.138	1.734	0.0	40.22	1.585
81	5225	5226	NS	1	0.0	44.516	2.984	0.0	48.491	2.578	0.0	43.486	1.939	0.0	44.303	1.879	0.0	44.754	2.603	0.0	44.375	2.335	0.0	43.138	1.734	0.0	40.22	1.585
82	5225	5226	SN	1	0.0	51.722	4.48	0.0	52.487	4.079	0.0	40.171	2.773	0.0	39.758	2.974	0.0	52.69	4.088	0.0	51.795	3.877	0.0	38.508	2.531	0.0	38.822	2.846
83	5226	5227	SN	1	0.0	50.079	5.383	0.0	52.934	5.987	0.0	50.277	3.655	0.0	45.944	4.03	0.0	51.566	4.921	0.0	51.582	5.402	0.0	48.059	3.413	0.0	45.176	3.673
84	5226	5227	NS	1	0.0	47.946	1.713	0.0	49.153	1.4	0.0	45.969	1.25	0.0	39.254	1.128	0.0	46.788	1.312	0.0	48.042	1.199	0.0	44.432	0.978	0.0	40.521	0.917
85	5226	5227	NS	1	0.0	47.946	1.713	0.0	49.153	1.4	0.0	45.969	1.25	0.0	39.254	1.128	0.0	46.788	1.312	0.0	48.042	1.199	0.0	44.432	0.978	0.0	40.521	0.917
86	5226	5227	NS	1	0.0	51.241	5.394	0.0	52.023	4.642	0.0	45.621	3.884	0.0	48.007	3.76	0.0	51.194	4.546	0.0	52.43	4.005	0.0	47.32	3.275	0.0	47.153	3.122
87	5226	5227	NS	1	0.0	51.241	5.394	0.0	52.023	4.642	0.0	45.621	3.884	0.0	48.007	3.76	0.0	51.194	4.546	0.0	52.43	4.005	0.0	47.32	3.275	0.0	47.153	3.122
88	5226	5227	SN	1	0.0	46.068	1.675	0.0	49.925	1.759	0.0	43.656	1.087	0.0	40.901	1.179	0.0	46.244	1.487	0.0	46.113	1.507	0.0	39.256	0.957	0.0	39.618	1.008
89	5227	5228	NS	1	0.0	47.46	1.806	0.0	43.05	1.654	0.0	40.149	1.407	0.0	46.116	1.353	0.0	44.529	1.403	0.0	41.497	1.386	0.0	42.739	1.14	0.0	48.045	1.064
90	5227	5228	NS	1	0.433	50.568	5.386	0.0	47.498	4.995	0.0	40.91	4.11	0.0	45.223	4.104	0.371	48.718	4.5	0.0	44.911	4.506	0.0	42.796	3.461	0.0	44.503	3.203
91	5231	5232	SN	1	0.0	49.671	1.759	0.0	47.943	1.727	0.0	42.366	1.169	0.0	39.657	1.2	0.0	46.975	1.539	0.0	51.116	1.511	0.0	39.237	1.032	0.0	37.072	1.004
92	5231	5232	SN	1	0.0	49.671	1.732	0.0	47.943	1.731	0.0	39.489	1.147	0.0	39.657	1.181	0.0	46.975	1.511	0.0	51.116	1.521	0.0	37.036	1.014	0.0	37.072	0.968
93	5231	5232	SN	1	0.0	53.334	6.042	0.0	48.825	5.685	0.0	44.928	3.988	0.0	44.631	4.238	0.0	52.988	5.683	0.0	51.291	5.239	0.0	42.644	3.599	0.0	46.744	3.705
94	5231	5232	SN	1	0.0	53.334	6.225	0.0	48.825	5.715	0.0	44.928	4.176	0.0	44.631	4.252	0.0	52.988	5.843	0.0	51.291	5.24	0.0	42.644	3.757	0.0	46.744	3.76
95	5231	5232	SN	1	0.0	53.334	6.218	0.0	48.825	5.71	0.0	44.928	4.174	0.0	44.631	4.252	0.0	52.988	5.836	0.0	51.291	5.236	0.0	42.644	3.755	0.0	46.744	3.759
96	5231	5232	SN	1	0.0	49.671	1.754	0.0	47.943	1.723	0.0	42.366	1.167	0.0	39.657	1.199	0.0	46.975	1.535	0.0	51.116	1.508	0.0	39.237	1.03	0.0	37.072	1.003
97	5232	5233	SN	1	0.0	47.839	1.569	0.0	53.495	1.419	0.0	47.043	1.236	0.0	44.114	0.988	0.0	46.806	1.318	0.0	52.766	1.179	0.0	43.783	1.035	0.0	41.96	0.855
98	5232	5233	NS	1	0.0	52.906	7.123	0.0	55.444	5.712	0.0	48.256	4.523	0.0	45.056	4.262	0.0	53.619	6.415	0.0	56.004	5.034	0.0	48.613	3.991	0.0	46.213	3.809
99	5232	5233	SN	1	0.0	47.839	1.569	0.0	53.495	1.419	0.0	47.043	1.236	0.0	44.114	0.988	0.0	46.806	1.318	0.0	52.766	1.179	0.0	43.783	1.035	0.0	41.96	0.855
100	5232	5233	NS	1	0.0	52.25	2.29	0.0	48.201	1.754	0.0	42.419	1.422	0.0	41.32	1.3	0.0	52.258	1.988	0.0	49.622	1.526	0.0	39.512	1.258	0.0	38.982	1.137
101	5232	5233	SN	1	0.0	49.502	5.012	0.0	47.935	4.187	0.0	48.868	3.961	0.0	48.46	3.438	0.0	49.069	4.329	0.0	47.721	3.723	0.0	49.245	3.427	0.0	49.635	2.988
102	5232	5233	SN	1	0.0	49.502	5.012	0.0	47.935	4.187	0.0	48.868	3.961	0.0	48.46	3.438	0.0	49.069	4.329	0.0	47.721	3.723	0.0	49.245	3.427	0.0	49.635	2.988
103	5232	5233	NS	1	0.0	52.906	7.123	0.0	55.444	5.712	0.0	48.256	4.523	0.0	45.056	4.262	0.0	53.619	6.415	0.0	56.004	5.034	0.0	48.613	3.991	0.0	46.213	3.809

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

104	5232	5233	NS	1	0.0	52.25	2.29	0.0	48.201	1.754	0.0	42.419	1.422	0.0	41.32	1.3	0.0	52.258	1.988	0.0	49.622	1.526	0.0	39.512	1.258	0.0	38.982	1.137
105	5232	5233	SN	1	0.0	47.839	1.586	0.0	53.495	1.435	0.0	47.043	1.201	0.0	44.114	0.992	0.0	46.806	1.336	0.0	52.766	1.192	0.0	43.783	0.987	0.0	41.96	0.859
106	5232	5233	SN	1	0.0	49.502	5.059	0.0	47.935	4.19	0.0	48.868	3.888	0.0	48.46	3.461	0.0	49.069	4.377	0.0	47.721	3.73	0.0	49.245	3.311	0.0	49.635	2.998
107	5233	5234	SN	1	0.0	43.986	1.519	0.0	42.125	1.131	0.0	43.82	0.992	0.0	44.425	1.165	0.0	43.911	1.177	0.0	44.425	0.952	0.0	42.218	0.84	0.0	44.694	1.001
108	5233	5234	SN	1	0.0	43.426	1.488	0.0	42.53	1.165	0.0	47.77	0.979	0.0	41.594	1.124	0.0	43.351	1.152	0.0	41.615	0.958	0.0	46.17	0.835	0.0	41.864	0.944
109	5233	5234	NS	1	0.0	47.915	1.623	0.0	41.351	1.314	0.0	45.695	1.093	0.0	40.129	1.126	0.0	47.639	1.36	0.0	40.031	1.132	0.0	42.727	0.962	0.0	41.956	0.903
110	5233	5234	NS	1	0.0	48.381	1.579	0.0	43.775	1.271	0.0	44.456	1.095	0.0	42.151	1.222	0.0	45.542	1.322	0.0	42.458	1.116	0.0	43.396	0.971	0.0	40.568	1.066
111	5233	5234	SN	1	0.0	46.503	4.278	0.0	45.245	3.37	0.0	38.683	2.802	0.0	40.149	3.381	0.0	47.202	3.666	0.0	46.399	2.966	0.0	41.011	2.503	0.0	41.431	2.974
112	5233	5234	SN	1	0.0	46.503	4.198	0.0	45.245	3.382	0.0	38.683	2.764	0.0	40.149	3.367	0.0	47.202	3.567	0.0	46.399	2.994	0.0	41.011	2.455	0.0	41.431	2.933
113	5233	5234	NS	1	0.0	50.533	5.1	0.0	44.96	4.105	0.0	48.271	3.169	0.0	44.925	3.568	0.0	46.623	4.353	0.0	47.299	3.529	0.0	45.226	2.892	0.0	43.775	2.937
114	5233	5234	NS	1	0.0	46.73	5.153	0.0	53.011	4.326	0.0	48.978	3.29	0.0	50.588	3.631	0.0	46.48	4.375	0.0	49.546	3.82	0.0	45.362	3.013	0.0	52.836	3.021
115	5233	5234	SN	1	0.0	43.986	1.51	0.0	42.125	1.14	0.0	43.82	0.976	0.0	44.425	1.153	0.0	43.911	1.167	0.0	44.425	0.961	0.0	42.218	0.823	0.0	44.694	0.987
116	5233	5234	SN	1	0.0	45.997	4.192	0.0	43.5	3.29	0.0	39.566	2.759	0.0	39.02	3.316	0.0	46.699	3.632	0.0	44.647	2.953	0.0	41.892	2.456	0.0	38.685	2.897
117	5234	5235	SN	1	0.0	41.008	1.889	0.0	42.462	1.566	0.0	36.367	1.473	0.0	43.851	1.473	0.0	36.476	1.631	0.0	39.555	1.29	0.0	35.023	1.231	0.0	41.642	1.188
118	5234	5235	SN	1	0.0	47.544	6.066	0.0	42.792	5.034	0.0	41.339	3.806	0.0	44.379	4.154	0.0	47.935	5.248	0.0	43.438	4.202	0.0	38.665	3.422	0.0	42.429	3.689
119	5234	5235	SN	1	0.0	47.544	6.12	0.0	42.792	4.935	0.0	41.339	4.049	0.0	44.379	4.087	0.0	47.935	5.286	0.0	43.438	4.117	0.0	38.665	3.708	0.0	42.429	3.616
120	5234	5235	SN	1	0.0	47.544	6.12	0.0	42.792	4.935	0.0	41.339	4.028	0.0	44.379	4.087	0.0	47.935	5.276	0.0	43.438	4.117	0.0	38.665	3.686	0.0	42.429	3.616
121	5234	5235	NS	1	0.0	56.345	3.465	0.0	54.62	2.628	0.0	44.659	2.602	0.0	46.241	2.901	0.0	52.998	2.667	0.0	54.108	2.163	0.0	45.338	2.163	0.0	46.407	2.418
122	5234	5235	NS	1	0.0	56.345	3.465	0.0	54.62	2.628	0.0	44.659	2.602	0.0	46.241	2.901	0.0	52.998	2.667	0.0	54.108	2.163	0.0	45.338	2.163	0.0	46.407	2.418
123	5234	5235	SN	1	0.0	41.008	1.866	0.0	42.462	1.592	0.0	35.971	1.434	0.0	43.851	1.503	0.0	36.316	1.608	0.0	39.555	1.311	0.0	35.023	1.178	0.0	41.642	1.21
124	5234	5235	SN	1	0.0	41.008	1.891	0.0	42.462	1.566	0.0	36.367	1.471	0.0	43.851	1.473	0.0	36.476	1.638	0.0	39.555	1.29	0.0	35.023	1.23	0.0	41.642	1.188
125	5234	5235	NS	1	0.0	49.247	1.218	0.0	45.686	0.958	0.0	48.045	0.853	0.0	45.542	1.013	0.0	45.128	0.986	0.0	48.621	0.784	0.0	44.718	0.713	0.0	46.352	0.837
126	5234	5235	NS	1	0.0	49.247	1.218	0.0	45.686	0.958	0.0	48.045	0.853	0.0	45.542	1.013	0.0	45.128	0.986	0.0	48.621	0.784	0.0	44.718	0.713	0.0	46.352	0.837
127	5235	5236	NS	1	0.0	50.27	3.475	0.0	47.219	2.92	0.0	44.711	2.666	0.0	48.054	2.142	0.0	50.975	2.93	0.0	45.864	2.495	0.0	46.67	2.163	0.0	46.331	1.794
128	5235	5236	SN	1	0.0	46.868	8.742	0.0	47.067	7.692	0.0	43.619	6.16	0.0	45.898	6.543	0.0	46.786	8.189	0.0	48.202	7.641	0.0	44.152	5.933	0.0	44.537	6.065
129	5235	5236	SN	1	0.0	46.868	8.742	0.0	47.067	7.692	0.0	43.619	6.16	0.0	45.898	6.543	0.0	46.786	8.189	0.0	48.202	7.641	0.0	44.152	5.933	0.0	44.537	6.065
130	5235	5236	NS	1	0.0	50.237	3.455	0.0	50.35	2.95	0.0	42.994	2.694	0.0	41.211	2.134	0.0	50.943	2.919	0.0	46.844	2.506	0.0	40.766	2.148	0.0	41.644	1.73
131	5235	5236	SN	1	0.0	43.407	2.948	0.0	47.955	2.771	0.0	37.034	2.174	0.0	38.449	2.256	0.0	41.88	2.664	0.0	43.697	2.494	0.0	37.062	1.955	0.0	35.823	2.019
132	5235	5236	SN	1	0.0	43.407	2.948	0.0	47.955	2.771	0.0	37.034	2.174	0.0	38.449	2.256	0.0	41.88	2.664	0.0	43.697	2.494	0.0	37.062	1.955	0.0	35.823	2.019
133	5235	5236	NS	1	0.0	43.133	0.966	0.0	49.153	0.879	0.0	45.302	0.738	0.0	40.739	0.651	0.0	43.359	0.788	0.0	46.914	0.653	0.0	42.155	0.598	0.0	40.787	0.485
134	5235	5236	NS	1	0.0	43.248	0.966	0.0	47.691	0.872	0.0	45.301	0.746	0.0	43.376	0.623	0.0	43.71	0.786	0.0	45.451	0.658	0.0	42.155	0.598	0.0	41.66	0.473
135	5236	5237	SN	1	0.0	45.391	8.008	0.0	45.52	7.214	0.0	41.317	5.865	0.0	42.383	5.823	0.0	43.997	7.171	0.0	44.12	6.628	0.0	40.05	5.55	0.0	42.629	5.287
136	5236	5237	NS	1	0.0	50.298	2.45	0.0	48.076	1.839	0.0	42.436	1.402	0.0	44.442	1.439	0.0	48.847	1.996	0.0	48.118	1.521	0.0	40.67	1.16	0.0	42.011	1.122
137	5236	5237	NS	1	0.0	52.612	2.426	0.0	45.684	1.843	0.0	44.9	1.365	0.0	43.386	1.416	0.0	51.16	2.0	0.0	45.739	1.525	0.0	47.589	1.1	0.0	41.63	1.108
138	5236	5237	NS	1	0.0	49.994	7.282	0.0	51.334	5.487	0.0	40.839	4.507	0.0	45.692	4.637	0.0	51.239	6.009	0.0	53.811	4.648	0.0	42.406	3.827	0.0	45.54	3.878
139	5236	5237	SN	1	0.0	49.428	2.74	0.0	39.729	2.619	0.0	40.394	2.263	0.0	37.564	2.118	0.0	50.198	2.386	0.0	40.38	2.287	0.0	37.533	1.982	0.0	36.177	1.876

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

140	5236	5237	SN	1	0.0	45.391	8.008	0.0	45.52	7.196	0.0	41.317	5.861	0.0	42.383	5.808	0.0	43.997	7.164	0.0	44.12	6.611	0.0	40.05	5.541	0.0	42.629	5.273
141	5236	5237	SN	1	0.0	45.391	8.008	0.0	45.52	7.196	0.0	41.317	5.861	0.0	42.383	5.808	0.0	43.997	7.164	0.0	44.12	6.611	0.0	40.05	5.534	0.0	42.629	5.273
142	5236	5237	SN	1	0.0	49.428	2.729	0.0	39.729	2.612	0.0	40.394	2.256	0.0	37.564	2.118	0.0	50.198	2.376	0.0	40.38	2.281	0.0	37.533	1.975	0.0	36.177	1.878
143	5236	5237	NS	1	0.0	52.006	7.393	0.0	52.222	5.517	0.0	44.192	4.486	0.0	45.917	4.573	0.0	51.386	6.04	0.0	54.698	4.689	0.0	45.005	3.791	0.0	47.393	3.935
144	5236	5237	SN	1	0.0	49.428	2.729	0.0	39.729	2.612	0.0	40.394	2.256	0.0	37.564	2.118	0.0	50.198	2.379	0.0	40.38	2.281	0.0	37.533	1.975	0.0	36.177	1.878
145	5237	5238	SN	1	0.0	46.637	9.158	0.0	50.828	9.414	0.0	46.303	6.115	0.0	48.908	7.312	0.0	46.678	8.636	0.0	49.653	8.859	0.0	45.838	5.881	0.0	48.728	6.869
146	5237	5238	SN	1	0.0	43.616	3.092	0.0	48.201	3.317	0.0	44.92	2.051	0.0	44.928	2.342	0.0	42.312	2.859	0.0	48.911	2.988	0.0	41.515	1.93	0.0	45.603	2.107
147	5237	5238	NS	1	0.0	53.6	2.243	0.0	39.992	1.967	0.0	40.149	1.752	0.0	43.215	1.609	0.0	55.216	1.953	0.0	39.581	1.681	0.0	38.152	1.539	0.0	40.125	1.356
148	5237	5238	SN	1	0.0	45.126	3.119	0.0	50.658	3.341	0.0	42.238	2.068	0.0	44.796	2.388	0.0	43.086	2.872	0.0	47.168	3.033	0.0	41.672	1.949	0.0	40.566	2.178
149	5237	5238	SN	1	0.0	46.637	9.212	0.0	50.828	9.433	0.0	46.303	6.251	0.0	48.908	7.319	0.0	46.678	8.685	0.0	49.653	8.894	0.0	45.838	6.016	0.0	48.728	6.871
150	5237	5238	NS	1	0.0	48.307	7.236	0.0	53.177	5.669	0.0	44.458	5.142	0.0	49.1	4.871	0.0	47.744	6.337	0.0	54.219	4.911	0.0	42.79	4.858	0.0	46.061	4.297
151	5237	5238	NS	1	0.0	48.331	7.034	0.0	53.597	5.699	0.0	42.88	5.177	0.0	48.929	4.836	0.0	47.839	6.316	0.0	54.64	4.871	0.0	41.599	4.894	0.0	51.708	4.339
152	5237	5238	NS	1	0.0	45.794	2.221	0.0	45.169	1.92	0.0	42.98	1.785	0.0	39.337	1.609	0.0	45.736	1.921	0.0	44.39	1.667	0.0	40.982	1.605	0.0	38.23	1.361
153	5237	5238	SN	1	0.0	43.616	3.123	0.0	48.201	3.361	0.0	44.92	2.097	0.0	44.928	2.384	0.0	42.312	2.895	0.0	48.911	3.046	0.0	41.515	1.974	0.0	45.603	2.137
154	5237	5238	SN	1	0.0	53.214	9.148	0.0	49.509	9.434	0.0	44.339	6.179	0.0	48.769	7.383	0.0	55.394	8.636	0.0	49.467	8.829	0.0	44.416	5.774	0.0	51.438	6.741
155	5238	5239	SN	1	0.0	48.263	3.356	0.0	53.949	3.389	0.0	43.888	2.074	0.0	48.71	2.002	0.0	46.448	3.089	0.0	52.944	3.153	0.0	45.673	1.907	0.0	45.851	1.822
156	5238	5239	NS	1	0.0	40.712	2.261	0.0	47.074	1.64	0.0	42.906	1.598	0.0	37.665	1.49	0.0	39.583	1.865	0.0	45.56	1.329	0.0	40.212	1.359	0.0	37.114	1.157
157	5238	5239	NS	1	0.0	45.1	6.67	0.0	53.528	5.072	0.0	43.152	4.666	0.0	45.493	4.091	0.0	47.2	5.791	0.0	52.363	4.355	0.0	42.254	4.269	0.0	43.181	3.233
158	5238	5239	SN	1	0.0	48.234	3.362	0.0	53.949	3.415	0.0	43.888	2.089	0.0	48.71	1.994	0.0	46.448	3.093	0.0	52.944	3.165	0.0	45.673	1.915	0.0	45.851	1.813
159	5238	5239	SN	1	0.761	57.324	10.337	0.0	52.846	10.026	0.0	50.22	6.976	0.0	50.188	7.155	1.071	53.632	9.543	0.0	52.179	9.411	0.0	48.745	6.684	0.0	48.768	6.755
160	5238	5239	SN	1	0.0	57.324	10.225	0.0	52.846	9.909	0.0	50.22	6.978	0.0	50.188	7.078	0.0	53.632	9.537	0.0	52.179	9.38	0.0	48.745	6.68	0.0	48.768	6.719
161	5239	5240	NS	1	0.0	45.941	2.73	0.0	47.807	2.24	0.0	44.206	1.748	0.0	42.354	1.747	0.0	44.107	2.565	0.0	51.409	2.059	0.0	43.73	1.589	0.0	42.155	1.607
162	5239	5240	NS	1	0.0	47.932	8.105	0.0	48.856	6.426	0.0	48.248	5.688	0.0	44.733	5.24	0.0	49.532	7.569	0.0	47.2	5.911	0.0	47.022	5.638	0.0	45.44	5.027
163	5239	5240	NS	1	0.0	52.002	7.99	0.0	50.7	6.095	0.0	43.471	5.651	0.0	49.592	5.333	0.0	51.808	7.566	0.0	48.875	5.68	0.0	43.741	5.637	0.0	49.254	5.305
164	5239	5240	SN	1	0.0	47.807	1.729	0.0	53.424	1.852	0.0	42.731	1.017	0.0	41.356	1.209	0.0	44.445	1.476	0.0	51.965	1.648	0.0	42.77	0.895	0.0	45.442	0.992
165	5239	5240	SN	1	0.0	47.807	1.729	0.0	53.424	1.852	0.0	42.731	1.017	0.0	41.356	1.209	0.0	44.445	1.476	0.0	51.965	1.648	0.0	42.77	0.895	0.0	45.442	0.992
166	5239	5240	SN	1	1.739	50.186	6.278	0.0	55.024	6.345	0.0	42.92	3.513	0.0	46.41	4.43	0.922	49.872	5.635	0.0	52.614	5.689	0.0	43.406	3.015	0.0	43.325	3.745
167	5239	5240	SN	1	1.739	50.186	6.278	0.0	55.024	6.345	0.0	42.92	3.513	0.0	46.41	4.43	0.922	49.872	5.635	0.0	52.614	5.689	0.0	43.406	3.015	0.0	43.325	3.745
168	5239	5240	NS	1	0.0	46.955	2.844	0.0	43.72	2.213	0.0	43.632	1.799	0.0	43.782	1.747	0.0	44.107	2.591	0.0	44.862	2.069	0.0	43.233	1.702	0.0	45.158	1.648
169	5240	5241	NS	1	0.0	53.003	8.717	0.0	53.82	8.46	0.0	46.854	5.523	0.0	51.036	5.582	0.0	54.771	7.747	0.0	55.827	7.641	0.0	46.163	4.701	0.0	48.747	5.0
170	5240	5241	NS	1	0.0	44.178	2.663	0.0	43.127	2.448	0.0	46.933	1.562	0.0	47.382	1.705	0.0	48.553	2.191	0.0	41.246	2.186	0.0	47.192	1.286	0.0	45.018	1.415
171	5240	5241	NS	1	0.0	44.178	2.663	0.0	43.127	2.448	0.0	46.933	1.562	0.0	47.382	1.705	0.0	48.553	2.191	0.0	41.246	2.186	0.0	47.192	1.286	0.0	45.018	1.415
172	5240	5241	NS	1	0.0	53.003	8.717	0.0	53.82	8.46	0.0	46.854	5.523	0.0	51.036	5.582	0.0	54.771	7.747	0.0	55.827	7.641	0.0	46.163	4.701	0.0	48.747	5.0
173	5240	5241	SN	1	0.0	47.703	6.077	0.0	49.662	5.184	0.0	44.465	3.776	0.0	46.328	4.116	0.0	47.121	5.454	0.0	50.166	4.619	0.0	41.875	3.435	0.0	43.744	3.666
174	5240	5241	SN	1	0.0	46.207	1.824	0.0	48.735	1.623	0.0	38.554	1.172	0.0	48.183	1.261	0.0	44.985	1.643	0.0	49.859	1.474	0.0	40.185	1.026	0.0	44.679	1.072
175	5241	5242	NS	1	0.0	40.299	1.87	0.0	45.92	1.486	0.0	41.726	1.324	0.0	39.275	1.367	0.0	41.568	1.564	0.0	44.217	1.256	0.0	38.782	1.114	0.0	38.593	1.11

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

176	5241	5242	NS	1	0.0	51.888	5.756	0.0	50.424	4.944	0.0	41.984	3.7	0.0	45.168	4.1	0.0	50.438	4.958	0.0	49.974	4.297	0.0	39.39	3.424	0.0	42.426	3.561
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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	5217	5218	SN	1	0.0	30.867	15.011	0.0	28.645	13.934	0.0	90.071	9.777	0.0	68.921	9.307	0.0	1.858	0.0	0.0	1.974	0.0	0.0	2.011	0.0	0.0	2.033	0.0
2	5217	5218	SN	1	0.0	30.867	15.011	0.0	28.645	13.934	0.0	90.071	9.777	0.0	68.921	9.307	0.0	1.858	0.0	0.0	1.974	0.0	0.0	2.011	0.0	0.0	2.033	0.0
3	5217	5218	NS	1	0.0	27.25	13.775	0.0	29.345	15.989	0.0	153.276	14.839	0.0	151.017	14.972	0.0	1.932	0.0	0.0	1.915	0.0	0.0	2.088	0.0	0.0	2.072	0.0
4	5217	5218	SN	1	0.0	25.694	8.199	0.0	27.25	8.166	0.0	121.038	1.438	0.0	51.46	1.642	0.0	1.87	0.0	0.0	1.951	0.0	0.0	2.004	0.0	0.0	2.05	0.0
5	5217	5218	SN	1	0.629	30.867	15.02	0.0	28.645	13.658	0.0	90.071	9.877	0.0	17.251	8.819	0.0	1.858	0.0	0.0	1.974	0.0	0.0	2.011	0.0	0.0	2.033	0.0
6	5217	5218	NS	1	0.0	27.222	10.86	0.0	27.001	10.657	0.0	152.879	5.836	0.0	130.612	5.863	0.0	1.936	0.0	0.0	1.914	0.0	0.0	2.088	0.0	0.0	2.07	0.0
7	5217	5218	NS	1	0.0	27.25	13.775	0.0	29.345	15.989	0.0	153.276	14.839	0.0	151.017	14.972	0.0	1.932	0.0	0.0	1.915	0.0	0.0	2.088	0.0	0.0	2.072	0.0
8	5217	5218	NS	1	0.0	27.222	10.86	0.0	27.001	10.657	0.0	152.879	5.836	0.0	130.612	5.863	0.0	1.936	0.0	0.0	1.914	0.0	0.0	2.088	0.0	0.0	2.07	0.0
9	5217	5218	SN	1	0.0	25.694	8.197	0.0	27.25	8.101	0.0	121.038	1.442	0.0	12.756	1.482	0.0	1.87	0.0	0.0	1.951	0.0	0.0	2.004	0.0	0.0	2.05	0.0
10	5218	5219	NS	1	0.0	27.239	13.788	0.0	29.296	15.994	0.0	156.298	14.808	0.0	141.984	15.034	0.0	1.927	0.0	0.0	1.921	0.0	0.0	2.09	0.0	0.0	2.071	0.0
11	5218	5219	SN	1	0.0	30.89	15.026	0.0	28.634	13.772	0.0	83.563	9.856	0.0	22.027	9.116	0.0	1.871	0.0	0.0	1.974	0.0	0.0	2.009	0.0	0.0	2.042	0.0
12	5218	5219	SN	1	0.0	30.89	15.026	0.0	28.634	13.772	0.0	83.563	9.856	0.0	22.027	9.116	0.0	1.871	0.0	0.0	1.974	0.0	0.0	2.009	0.0	0.0	2.042	0.0
13	5218	5219	SN	1	0.0	25.7	8.195	0.0	27.261	8.165	0.0	65.877	1.468	0.0	15.85	1.558	0.0	1.87	0.0	0.0	1.947	0.0	0.0	2.003	0.0	0.0	2.057	0.0
14	5218	5219	NS	1	0.0	27.25	13.723	0.0	29.318	16.018	0.0	355.676	14.777	0.0	150.069	14.957	0.0	1.933	0.0	0.0	1.916	0.0	0.0	2.09	0.0	0.0	2.072	0.0
15	5218	5219	NS	1	0.0	27.139	10.859	0.0	27.007	10.635	0.0	354.689	5.825	0.0	130.121	5.903	0.0	1.935	0.0	0.0	1.914	0.0	0.0	2.085	0.0	0.0	2.07	0.0
16	5218	5219	SN	1	0.0	25.7	8.195	0.0	27.261	8.165	0.0	65.877	1.468	0.0	15.85	1.558	0.0	1.87	0.0	0.0	1.947	0.0	0.0	2.003	0.0	0.0	2.057	0.0
17	5218	5219	SN	1	0.0	30.89	15.039	0.0	28.634	13.896	0.0	83.563	9.792	0.0	70.195	9.329	0.0	1.871	0.0	0.0	1.974	0.0	0.0	2.009	0.0	0.0	2.042	0.0
18	5218	5219	SN	1	0.0	25.7	8.189	0.0	27.261	8.196	0.0	65.877	1.465	0.0	52.547	1.66	0.0	1.87	0.0	0.0	1.947	0.0	0.0	2.003	0.0	0.0	2.057	0.0
19	5219	5220	NS	1	0.0	27.244	13.713	0.0	29.301	15.996	0.0	354.733	14.784	0.0	145.833	15.021	0.0	1.926	0.0	0.0	1.925	0.0	0.0	2.088	0.0	0.0	2.072	0.0
20	5219	5220	NS	1	0.0	27.305	10.928	0.0	27.001	10.587	0.0	141.838	5.785	0.0	132.967	5.905	0.0	1.933	0.0	0.0	1.913	0.0	0.0	2.086	0.0	0.0	2.069	0.0
21	5219	5220	SN	1	0.0	30.901	14.973	0.0	28.639	13.758	0.0	82.256	9.972	0.0	222.699	9.011	0.0	1.851	0.0	0.0	1.972	0.0	0.0	2.008	0.0	0.0	2.042	0.0
22	5219	5220	NS	1	0.0	27.305	10.928	0.0	27.001	10.587	0.0	141.838	5.785	0.0	132.967	5.905	0.0	1.933	0.0	0.0	1.913	0.0	0.0	2.086	0.0	0.0	2.069	0.0
23	5219	5220	SN	1	0.0	25.722	8.212	0.0	27.272	8.187	0.0	66.141	1.473	0.0	238.229	1.679	0.0	1.872	0.0	0.0	1.948	0.0	0.0	2.005	0.0	0.0	2.057	0.0
24	5219	5220	SN	1	0.0	25.722	8.212	0.0	27.272	8.187	0.0	66.141	1.473	0.0	238.229	1.679	0.0	1.872	0.0	0.0	1.948	0.0	0.0	2.005	0.0	0.0	2.057	0.0
25	5219	5220	SN	1	0.0	25.722	8.211	0.0	27.272	8.144	0.0	66.141	1.473	0.0	238.229	1.557	0.0	1.872	0.0	0.0	1.948	0.0	0.0	2.005	0.0	0.0	2.057	0.0
26	5219	5220	SN	1	0.0	30.901	15.004	0.0	28.639	13.944	0.0	82.256	9.893	0.0	222.699	9.357	0.0	1.851	0.0	0.0	1.972	0.0	0.0	2.008	0.0	0.0	2.042	0.0
27	5219	5220	SN	1	0.0	30.901	15.004	0.0	28.639	13.944	0.0	82.256	9.893	0.0	222.699	9.357	0.0	1.851	0.0	0.0	1.972	0.0	0.0	2.008	0.0	0.0	2.042	0.0
28	5219	5220	NS	1	0.0	27.244	13.713	0.0	29.301	15.996	0.0	354.733	14.784	0.0	145.833	15.021	0.0	1.926	0.0	0.0	1.925	0.0	0.0	2.088	0.0	0.0	2.072	0.0
29	5220	5221	SN	1	0.0	25.727	8.183	0.0	27.255	8.128	0.0	135.465	1.517	0.0	12.756	1.532	0.0	1.871	0.0	0.0	1.943	0.0	0.0	2.003	0.0	0.0	2.048	0.0
30	5220	5221	SN	1	0.0	25.727	8.185	0.0	27.33	8.177	0.0	135.465	1.511	0.0	55.304	1.68	0.0	1.871	0.0	0.0	1.943	0.0	0.0	2.003	0.0	0.0	2.048	0.0
31	5220	5221	SN	1	0.0	25.727	8.191	0.0	27.33	8.184	0.0	135.432	1.511	0.0	55.299	1.68	0.0	1.871	0.0	0.0	1.942	0.0	0.0	2.003	0.0	0.0	2.048	0.0

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



32	5220	5221	SN	1	0.0	30.895	15.08	0.0	28.65	13.889	0.0	79.46	9.994	0.0	73.543	9.519	0.0	1.873	0.0	0.0	1.972	0.0	0.0	2.009	0.0	0.0	2.066	0.0
33	5220	5221	SN	1	0.0	30.895	15.08	0.0	28.645	13.897	0.0	79.444	9.994	0.0	73.537	9.498	0.0	1.873	0.0	0.0	1.972	0.0	0.0	2.008	0.0	0.0	2.066	0.0
34	5220	5221	NS	1	0.0	27.349	10.947	0.0	27.001	10.596	0.0	161.261	5.78	0.0	132.994	5.885	0.0	1.932	0.0	0.0	1.914	0.0	0.0	2.084	0.0	0.0	2.068	0.0
35	5220	5221	SN	1	0.0	30.895	15.094	0.0	28.65	13.602	0.0	79.46	10.102	0.0	16.672	8.992	0.0	1.873	0.0	0.0	1.972	0.0	0.0	2.009	0.0	0.0	2.066	0.0
36	5220	5221	NS	1	0.0	27.343	10.954	0.0	27.001	10.596	0.0	161.206	5.785	0.0	132.939	5.88	0.0	1.932	0.0	0.0	1.914	0.0	0.0	2.084	0.0	0.0	2.068	0.0
37	5220	5221	NS	1	0.0	27.25	13.713	0.0	29.566	15.89	0.0	169.247	14.795	0.0	144.289	15.112	0.0	1.925	0.0	0.0	1.918	0.0	0.0	2.087	0.0	0.0	2.071	0.0
38	5220	5221	NS	1	0.0	27.25	13.723	0.0	29.571	15.89	0.0	354.838	14.795	0.0	144.25	15.091	0.0	1.925	0.0	0.0	1.918	0.0	0.0	2.087	0.0	0.0	2.07	0.0
39	5221	5222	SN	1	0.0	25.722	8.185	0.0	27.266	8.191	0.0	88.097	1.481	0.0	57.373	1.687	0.0	1.871	0.0	0.0	1.949	0.0	0.0	2.003	0.0	0.0	2.049	0.0
40	5221	5222	NS	1	0.0	27.25	13.731	0.0	29.263	15.89	0.0	173.538	14.852	0.0	199.152	15.07	0.0	1.926	0.0	0.0	1.917	0.0	0.0	2.089	0.0	0.0	2.07	0.0
41	5221	5222	NS	1	0.0	27.25	13.691	0.0	29.56	15.878	0.0	173.582	14.852	0.0	199.268	15.098	0.0	1.925	0.0	0.0	1.918	0.0	0.0	2.089	0.0	0.0	2.07	0.0
42	5221	5222	NS	1	0.0	27.286	10.87	0.0	27.001	10.598	0.0	350.514	5.799	0.0	143.478	5.889	0.0	1.934	0.0	0.0	1.914	0.0	0.0	2.086	0.0	0.0	2.068	0.0
43	5221	5222	NS	1	0.0	27.277	10.872	0.0	27.001	10.607	0.0	350.503	5.799	0.0	143.368	5.875	0.0	1.934	0.0	0.0	1.914	0.0	0.0	2.086	0.0	0.0	2.068	0.0
44	5221	5222	SN	1	0.0	30.906	15.08	0.0	28.645	13.874	0.0	99.198	10.03	0.0	75.197	9.483	0.0	1.873	0.0	0.0	1.971	0.0	0.0	2.008	0.0	0.0	2.066	0.0
45	5221	5222	SN	1	0.0	25.722	8.185	0.0	27.266	8.191	0.0	88.097	1.479	0.0	57.362	1.687	0.0	1.871	0.0	0.0	1.949	0.0	0.0	2.003	0.0	0.0	2.049	0.0
46	5221	5222	SN	1	0.0	30.906	15.08	0.0	28.645	13.874	0.0	99.198	10.03	0.0	75.18	9.483	0.0	1.873	0.0	0.0	1.971	0.0	0.0	2.008	0.0	0.0	2.066	0.0
47	5222	5223	SN	1	0.0	25.722	8.184	0.0	27.272	8.208	0.0	137.252	1.502	0.0	40.579	1.683	0.0	1.869	0.0	0.0	1.948	0.0	0.0	2.003	0.0	0.0	2.057	0.0
48	5222	5223	SN	1	0.0	25.722	8.186	0.0	27.272	8.165	0.0	137.252	1.504	0.0	13.594	1.561	0.0	1.869	0.0	0.0	1.948	0.0	0.0	2.003	0.0	0.0	2.057	0.0
49	5222	5223	SN	1	0.0	25.722	8.181	0.0	27.272	8.199	0.0	137.241	1.502	0.0	40.557	1.681	0.0	1.869	0.0	0.0	1.947	0.0	0.0	2.003	0.0	0.0	2.057	0.0
50	5222	5223	NS	1	0.0	27.244	13.709	0.0	32.004	15.851	0.0	185.004	14.78	0.0	187.576	15.018	0.0	1.926	0.0	0.0	1.92	0.0	0.0	2.089	0.0	0.0	2.07	0.0
51	5222	5223	NS	1	0.0	27.25	13.72	0.0	32.004	15.851	0.0	185.004	14.794	0.0	187.576	15.018	0.0	1.926	0.0	0.0	1.92	0.0	0.0	2.089	0.0	0.0	2.07	0.0
52	5222	5223	NS	1	0.0	27.258	10.889	0.0	27.001	10.617	0.0	136.538	5.823	0.0	148.48	5.866	0.0	1.937	0.0	0.0	1.914	0.0	0.0	2.086	0.0	0.0	2.068	0.0
53	5222	5223	NS	1	0.0	27.272	10.889	0.0	27.001	10.62	0.0	136.538	5.828	0.0	148.48	5.867	0.0	1.937	0.0	0.0	1.924	0.0	0.0	2.085	0.0	0.0	2.079	0.0
54	5222	5223	SN	1	0.0	32.186	15.04	0.0	28.573	13.704	0.0	137.252	10.029	0.0	18.552	9.113	0.0	1.86	0.0	0.0	1.969	0.0	0.0	2.01	0.0	0.0	2.05	0.0
55	5222	5223	SN	1	0.0	32.186	15.047	0.0	28.573	13.87	0.0	137.252	9.962	0.0	55.944	9.437	0.0	1.86	0.0	0.0	1.969	0.0	0.0	2.01	0.0	0.0	2.05	0.0
56	5222	5223	SN	1	0.0	32.186	15.047	0.0	28.573	13.867	0.0	137.241	9.984	0.0	55.911	9.451	0.0	1.86	0.0	0.0	1.968	0.0	0.0	2.009	0.0	0.0	2.05	0.0
57	5223	5224	SN	1	0.0	25.711	8.156	0.0	27.272	8.229	0.0	132.917	1.442	0.0	41.506	1.64	0.0	1.87	0.0	0.0	1.948	0.0	0.0	2.003	0.0	0.0	2.057	0.0
58	5223	5224	SN	1	0.0	32.235	15.055	0.0	27.156	13.427	0.0	85.979	10.109	0.0	13.672	8.504	0.0	1.87	0.0	0.0	1.969	0.0	0.0	2.007	0.0	0.0	2.027	0.0
59	5223	5224	SN	1	0.0	32.235	14.973	0.0	28.617	13.847	0.0	85.979	9.884	0.0	56.854	9.317	0.0	1.87	0.0	0.0	1.969	0.0	0.0	2.007	0.0	0.0	2.027	0.0
60	5223	5224	NS	1	0.0	27.239	13.75	0.0	31.976	15.86	0.0	143.321	14.766	0.0	121.617	14.976	0.0	1.926	0.0	0.0	1.923	0.0	0.0	2.091	0.0	0.0	2.07	0.0
61	5223	5224	NS	1	0.0	27.244	13.77	0.0	31.981	15.831	0.0	143.338	14.801	0.0	121.804	14.997	0.0	1.926	0.0	0.0	1.924	0.0	0.0	2.091	0.0	0.0	2.07	0.0
62	5223	5224	SN	1	0.0	25.711	8.169	0.0	27.272	8.118	0.0	132.917	1.459	0.0	11.146	1.419	0.0	1.87	0.0	0.0	1.948	0.0	0.0	2.003	0.0	0.0	2.057	0.0
63	5223	5224	NS	1	0.0	27.275	10.846	0.0	27.007	10.638	0.0	138.915	5.834	0.0	164.176	5.933	0.0	1.935	0.0	0.0	1.914	0.0	0.0	2.086	0.0	0.0	2.069	0.0
64	5223	5224	NS	1	0.0	27.275	10.862	0.0	27.007	10.653	0.0	138.865	5.828	0.0	163.95	5.919	0.0	1.936	0.0	0.0	1.913	0.0	0.0	2.086	0.0	0.0	2.068	0.0
65	5224	5225	SN	1	0.0	25.722	8.138	0.0	27.266	8.184	0.0	64.299	1.451	0.0	56.209	1.61	0.0	1.869	0.0	0.0	1.942	0.0	0.0	2.002	0.0	0.0	2.047	0.0
66	5224	5225	NS	1	0.0	27.316	10.814	0.0	27.012	10.653	0.0	145.042	5.836	0.0	143.848	5.966	0.0	1.934	0.0	0.0	1.914	0.0	0.0	2.086	0.0	0.0	2.07	0.0
67	5224	5225	NS	1	0.0	27.316	10.807	0.0	27.012	10.667	0.0	144.992	5.832	0.0	145.127	5.952	0.0	1.936	0.0	0.0	1.913	0.0	0.0	2.086	0.0	0.0	2.069	0.0
68	5224	5225	SN	1	0.0	32.384	14.844	0.0	28.628	13.885	0.0	85.973	9.814	0.0	64.752	9.21	0.0	1.87	0.0	0.0	1.969	0.0	0.0	2.008	0.0	0.0	2.032	0.0

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

69	5224	5225	SN	1	0.0	32.384	14.844	0.0	28.628	13.885	0.0	85.973	9.814	0.0	64.752	9.21	0.0	1.87	0.0	0.0	1.969	0.0	0.0	2.008	0.0	0.0	2.032	0.0
70	5224	5225	SN	1	0.0	25.722	8.206	0.0	27.266	8.091	0.0	64.299	1.529	0.0	11.085	1.366	0.0	1.869	0.0	0.0	1.942	0.0	0.0	2.002	0.0	0.0	2.047	0.0
71	5224	5225	SN	1	0.0	25.722	8.138	0.0	27.266	8.184	0.0	64.299	1.451	0.0	56.209	1.61	0.0	1.869	0.0	0.0	1.942	0.0	0.0	2.002	0.0	0.0	2.047	0.0
72	5224	5225	SN	1	0.0	32.384	15.04	0.0	26.847	13.358	0.0	85.973	10.193	0.0	13.06	7.901	0.0	1.87	0.0	0.0	1.969	0.0	0.0	2.008	0.0	0.0	2.032	0.0
73	5224	5225	NS	1	0.0	27.244	13.809	0.0	29.285	15.909	0.0	151.787	14.759	0.0	169.741	15.075	0.0	1.93	0.0	0.0	1.909	0.0	0.0	2.091	0.0	0.0	2.072	0.0
74	5224	5225	NS	1	0.0	27.244	13.809	0.0	29.285	15.868	0.0	151.809	14.752	0.0	169.956	15.082	0.0	1.929	0.0	0.0	1.913	0.0	0.0	2.091	0.0	0.0	2.073	0.0
75	5225	5226	SN	1	0.0	30.884	14.817	0.0	28.645	13.953	0.0	84.468	9.713	0.0	68.96	9.208	0.0	1.856	0.0	0.0	1.974	0.0	0.0	2.009	0.0	0.0	2.055	0.0
76	5225	5226	SN	1	0.0	25.711	8.1	0.0	27.266	8.169	0.0	81.716	1.427	0.0	58.569	1.592	0.0	1.87	0.0	0.0	1.948	0.0	0.0	2.003	0.0	0.0	2.043	0.0
77	5225	5226	NS	1	0.0	27.25	13.844	0.0	29.274	15.934	0.0	354.446	14.875	0.0	149.275	15.057	0.0	1.926	0.0	0.0	1.916	0.0	0.0	2.089	0.0	0.0	2.072	0.0
78	5225	5226	SN	1	0.0	25.711	8.1	0.0	27.266	8.169	0.0	81.716	1.427	0.0	58.569	1.592	0.0	1.87	0.0	0.0	1.948	0.0	0.0	2.003	0.0	0.0	2.043	0.0
79	5225	5226	NS	1	0.0	27.25	13.844	0.0	29.274	15.934	0.0	354.446	14.875	0.0	149.275	15.057	0.0	1.926	0.0	0.0	1.916	0.0	0.0	2.089	0.0	0.0	2.072	0.0
80	5225	5226	NS	1	0.0	27.2	10.824	0.0	27.012	10.65	0.0	354.446	5.834	0.0	134.423	5.962	0.0	1.935	0.0	0.0	1.912	0.0	0.0	2.086	0.0	0.0	2.071	0.0
81	5225	5226	NS	1	0.0	27.2	10.824	0.0	27.012	10.65	0.0	354.446	5.834	0.0	134.423	5.962	0.0	1.935	0.0	0.0	1.912	0.0	0.0	2.086	0.0	0.0	2.071	0.0
82	5225	5226	SN	1	0.0	30.884	14.817	0.0	28.645	13.953	0.0	84.468	9.713	0.0	68.96	9.208	0.0	1.856	0.0	0.0	1.974	0.0	0.0	2.009	0.0	0.0	2.055	0.0
83	5226	5227	SN	1	0.0	30.895	14.864	0.0	28.645	13.964	0.0	83.398	9.813	0.0	74.502	9.265	0.0	1.85	0.0	0.0	1.97	0.0	0.0	2.008	0.0	0.0	2.054	0.0
84	5226	5227	NS	1	0.0	27.327	10.803	0.0	27.007	10.673	0.0	354.772	5.846	0.0	132.068	5.956	0.0	1.935	0.0	0.0	1.913	0.0	0.0	2.087	0.0	0.0	2.07	0.0
85	5226	5227	NS	1	0.0	27.327	10.803	0.0	27.007	10.673	0.0	354.772	5.846	0.0	132.068	5.956	0.0	1.935	0.0	0.0	1.913	0.0	0.0	2.087	0.0	0.0	2.07	0.0
86	5226	5227	NS	1	0.0	27.25	13.86	0.0	29.257	15.93	0.0	354.601	14.821	0.0	142.397	15.119	0.0	1.927	0.0	0.0	1.925	0.0	0.0	2.089	0.0	0.0	2.072	0.0
87	5226	5227	NS	1	0.0	27.25	13.86	0.0	29.257	15.93	0.0	354.601	14.821	0.0	142.397	15.119	0.0	1.927	0.0	0.0	1.925	0.0	0.0	2.089	0.0	0.0	2.072	0.0
88	5226	5227	SN	1	0.0	25.711	8.134	0.0	27.261	8.174	0.0	64.062	1.447	0.0	99.604	1.615	0.0	1.87	0.0	0.0	1.941	0.0	0.0	2.002	0.0	0.0	2.043	0.0
89	5227	5228	NS	1	0.0	27.895	10.834	0.0	27.001	10.673	0.0	142.731	5.884	0.0	17.058	5.928	0.0	1.935	0.0	0.0	1.913	0.0	0.0	2.086	0.0	0.0	2.07	0.0
90	5227	5228	NS	1	0.684	27.25	13.897	0.0	29.257	15.832	0.0	354.744	14.929	0.0	26.566	15.007	0.0	1.93	0.0	0.0	1.908	0.0	0.0	2.091	0.0	0.0	2.074	0.0
91	5231	5232	SN	1	0.0	25.689	8.128	0.0	27.393	8.156	0.0	65.623	1.439	0.0	57.417	1.546	0.0	1.867	0.0	0.0	1.943	0.0	0.0	2.002	0.0	0.0	2.059	0.0
92	5231	5232	SN	1	0.0	25.689	8.155	0.0	27.266	8.062	0.0	65.623	1.459	0.0	11.157	1.318	0.0	1.867	0.0	0.0	1.943	0.0	0.0	2.002	0.0	0.0	2.059	0.0
93	5231	5232	SN	1	0.0	32.301	14.651	0.0	27.161	13.512	0.0	86.79	9.928	0.0	13.639	8.288	0.0	1.86	0.0	0.0	1.97	0.0	0.0	2.008	0.0	0.0	2.044	0.0
94	5231	5232	SN	1	0.0	32.301	14.572	0.0	28.634	13.944	0.0	86.79	9.691	0.0	58.635	9.154	0.0	1.86	0.0	0.0	1.97	0.0	0.0	2.008	0.0	0.0	2.044	0.0
95	5231	5232	SN	1	0.0	32.301	14.616	0.0	28.634	13.943	0.0	86.79	9.757	0.0	58.635	9.202	0.0	1.86	0.0	0.0	1.97	0.0	0.0	2.01	0.0	0.0	2.044	0.0
96	5231	5232	SN	1	0.0	25.689	8.156	0.0	27.393	8.191	0.0	65.623	1.437	0.0	57.417	1.558	0.0	1.867	0.0	0.0	1.943	0.0	0.0	2.006	0.0	0.0	2.059	0.0
97	5232	5233	SN	1	0.0	25.683	8.152	0.0	27.528	8.215	0.0	123.293	1.475	0.0	203.854	1.61	0.0	1.866	0.0	0.0	1.945	0.0	0.0	2.006	0.0	0.0	2.06	0.0
98	5232	5233	NS	1	0.0	27.294	13.801	0.0	32.02	15.841	0.0	354.386	14.775	0.0	149.214	15.05	0.0	1.932	0.0	0.0	1.922	0.0	0.0	2.092	0.0	0.0	2.07	0.0
99	5232	5233	SN	1	0.0	25.683	8.152	0.0	27.528	8.215	0.0	123.293	1.475	0.0	203.854	1.61	0.0	1.866	0.0	0.0	1.945	0.0	0.0	2.006	0.0	0.0	2.06	0.0
100	5232	5233	NS	1	0.0	27.84	10.688	0.0	27.007	10.699	0.0	354.386	5.888	0.0	129.564	6.0	0.0	1.942	0.0	0.0	1.914	0.0	0.0	2.089	0.0	0.0	2.07	0.0
101	5232	5233	SN	1	0.0	30.84	14.693	0.0	28.628	13.974	0.0	131.191	9.827	0.0	63.263	9.215	0.0	1.868	0.0	0.0	1.97	0.0	0.0	2.008	0.0	0.0	2.068	0.0
102	5232	5233	SN	1	0.0	30.84	14.693	0.0	28.628	13.974	0.0	131.191	9.827	0.0	63.263	9.215	0.0	1.868	0.0	0.0	1.97	0.0	0.0	2.008	0.0	0.0	2.068	0.0
103	5232	5233	NS	1	0.0	27.294	13.801	0.0	32.02	15.841	0.0	354.386	14.775	0.0	149.214	15.05	0.0	1.932	0.0	0.0	1.922	0.0	0.0	2.092	0.0	0.0	2.07	0.0
104	5232	5233	NS	1	0.0	27.84	10.688	0.0	27.007	10.699	0.0	354.386	5.888	0.0	129.564	6.0	0.0	1.942	0.0	0.0	1.914	0.0	0.0	2.089	0.0	0.0	2.07	0.0
105	5232	5233	SN	1	0.0	25.683	8.166	0.0	27.266	8.166	0.0	123.293	1.478	0.0	203.854	1.496	0.0	1.866	0.0	0.0	1.945	0.0	0.0	2.006	0.0	0.0	2.06	0.0

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

106	5232	5233	SN	1	0.0	30.84	14.678	0.0	28.628	13.816	0.0	131.191	9.896	0.0	38.729	8.93	0.0	1.868	0.0	0.0	1.97	0.0	0.0	2.008	0.0	0.0	2.068	0.0
107	5233	5234	SN	1	0.0	25.7	8.172	0.0	27.881	8.235	0.0	65.077	1.475	0.0	53.992	1.612	0.0	1.868	0.0	0.0	1.945	0.0	0.0	2.002	0.0	0.0	2.06	0.0
108	5233	5234	SN	1	0.0	25.7	8.184	0.0	27.272	8.199	0.0	65.071	1.477	0.0	15.15	1.501	0.0	1.867	0.0	0.0	1.945	0.0	0.0	2.002	0.0	0.0	2.06	0.0
109	5233	5234	NS	1	0.0	27.757	10.646	0.0	26.996	10.671	0.0	143.503	5.866	0.0	132.388	5.995	0.0	1.938	0.0	0.0	1.914	0.0	0.0	2.088	0.0	0.0	2.068	0.0
110	5233	5234	NS	1	0.0	27.796	10.64	0.0	27.001	10.659	0.0	354.59	5.856	0.0	133.011	5.998	0.0	1.937	0.0	0.0	1.912	0.0	0.0	2.088	0.0	0.0	2.067	0.0
111	5233	5234	SN	1	0.0	30.856	14.673	0.0	28.628	13.954	0.0	84.33	9.87	0.0	69.252	9.186	0.0	1.867	0.0	0.0	1.97	0.0	0.0	2.008	0.0	0.0	2.068	0.0
112	5233	5234	SN	1	0.0	30.856	14.656	0.0	28.628	13.805	0.0	84.33	9.934	0.0	20.698	8.908	0.0	1.867	0.0	0.0	1.97	0.0	0.0	2.008	0.0	0.0	2.068	0.0
113	5233	5234	NS	1	0.0	27.244	13.807	0.0	29.257	15.945	0.0	358.516	14.753	0.0	142.761	15.089	0.0	1.927	0.0	0.0	1.908	0.0	0.0	2.092	0.0	0.0	2.07	0.0
114	5233	5234	NS	1	0.0	27.228	13.75	0.0	32.053	15.878	0.0	354.59	14.705	0.0	145.193	14.993	0.0	1.933	0.0	0.0	1.921	0.0	0.0	2.092	0.0	0.0	2.07	0.0
115	5233	5234	SN	1	0.0	25.7	8.184	0.0	27.272	8.197	0.0	65.077	1.479	0.0	15.144	1.503	0.0	1.868	0.0	0.0	1.945	0.0	0.0	2.002	0.0	0.0	2.06	0.0
116	5233	5234	SN	1	0.0	30.856	14.683	0.0	28.628	13.816	0.0	84.324	9.919	0.0	20.698	8.908	0.0	1.867	0.0	0.0	1.97	0.0	0.0	2.008	0.0	0.0	2.069	0.0
117	5234	5235	SN	1	0.0	25.722	8.185	0.0	27.476	8.219	0.0	66.897	1.491	0.0	57.13	1.626	0.0	1.869	0.0	0.0	1.931	0.0	0.0	2.003	0.0	0.0	2.061	0.0
118	5234	5235	SN	1	0.0	30.873	14.742	0.0	28.601	13.735	0.0	83.039	10.005	0.0	18.652	8.86	0.0	1.867	0.0	0.0	1.97	0.0	0.0	2.008	0.0	0.0	2.069	0.0
119	5234	5235	SN	1	0.0	30.873	14.762	0.0	28.601	13.937	0.0	83.039	9.92	0.0	70.636	9.236	0.0	1.867	0.0	0.0	1.97	0.0	0.0	2.008	0.0	0.0	2.069	0.0
120	5234	5235	SN	1	0.0	30.873	14.762	0.0	28.601	13.937	0.0	83.039	9.92	0.0	70.625	9.236	0.0	1.867	0.0	0.0	1.97	0.0	0.0	2.008	0.0	0.0	2.069	0.0
121	5234	5235	NS	1	0.0	27.294	13.789	0.0	29.274	15.878	0.0	354.728	14.65	0.0	149.28	15.043	0.0	1.932	0.0	0.0	1.916	0.0	0.0	2.092	0.0	0.0	2.068	0.0
122	5234	5235	NS	1	0.0	27.294	13.789	0.0	29.274	15.878	0.0	354.728	14.65	0.0	149.28	15.043	0.0	1.932	0.0	0.0	1.916	0.0	0.0	2.092	0.0	0.0	2.068	0.0
123	5234	5235	SN	1	0.0	25.722	8.194	0.0	27.277	8.155	0.0	66.897	1.495	0.0	13.175	1.48	0.0	1.869	0.0	0.0	1.931	0.0	0.0	2.003	0.0	0.0	2.061	0.0
124	5234	5235	SN	1	0.0	25.722	8.185	0.0	27.859	8.217	0.0	66.897	1.493	0.0	57.141	1.626	0.0	1.869	0.0	0.0	1.931	0.0	0.0	2.003	0.0	0.0	2.061	0.0
125	5234	5235	NS	1	0.0	27.768	10.66	0.0	27.007	10.647	0.0	354.728	5.853	0.0	134.792	5.974	0.0	1.936	0.0	0.0	1.914	0.0	0.0	2.087	0.0	0.0	2.068	0.0
126	5234	5235	NS	1	0.0	27.768	10.66	0.0	27.007	10.647	0.0	354.728	5.853	0.0	134.792	5.974	0.0	1.936	0.0	0.0	1.914	0.0	0.0	2.087	0.0	0.0	2.068	0.0
127	5235	5236	NS	1	0.0	27.294	13.799	0.0	29.279	15.902	0.0	168.916	14.755	0.0	145.42	15.083	0.0	1.926	0.0	0.0	1.92	0.0	0.0	2.092	0.0	0.0	2.068	0.0
128	5235	5236	SN	1	0.0	30.878	14.781	0.0	28.43	13.869	0.0	74.353	9.994	0.0	73.079	9.412	0.0	1.853	0.0	0.0	1.967	0.0	0.0	2.008	0.0	0.0	2.049	0.0
129	5235	5236	SN	1	0.0	30.878	14.781	0.0	28.43	13.869	0.0	74.353	9.994	0.0	73.079	9.412	0.0	1.853	0.0	0.0	1.967	0.0	0.0	2.008	0.0	0.0	2.049	0.0
130	5235	5236	NS	1	0.0	27.294	13.799	0.0	29.279	15.902	0.0	168.889	14.719	0.0	145.397	15.076	0.0	1.927	0.0	0.0	1.901	0.0	0.0	2.092	0.0	0.0	2.068	0.0
131	5235	5236	SN	1	0.0	25.711	8.167	0.0	27.352	8.227	0.0	57.913	1.51	0.0	59.645	1.636	0.0	1.868	0.0	0.0	1.918	0.0	0.0	2.003	0.0	0.0	2.048	0.0
132	5235	5236	SN	1	0.0	25.711	8.167	0.0	27.352	8.227	0.0	57.913	1.51	0.0	59.645	1.636	0.0	1.868	0.0	0.0	1.918	0.0	0.0	2.003	0.0	0.0	2.048	0.0
133	5235	5236	NS	1	0.0	27.812	10.67	0.0	27.007	10.658	0.0	351.446	5.825	0.0	136.138	5.987	0.0	1.935	0.0	0.0	1.915	0.0	0.0	2.087	0.0	0.0	2.068	0.0
134	5235	5236	NS	1	0.0	27.807	10.675	0.0	27.007	10.662	0.0	351.441	5.83	0.0	136.105	5.987	0.0	1.936	0.0	0.0	1.915	0.0	0.0	2.087	0.0	0.0	2.068	0.0
135	5236	5237	SN	1	0.0	30.884	14.776	0.0	28.43	13.893	0.0	83.436	10.008	0.0	32.737	9.272	0.0	1.849	0.0	0.0	1.967	0.0	0.0	2.007	0.0	0.0	2.048	0.0
136	5236	5237	NS	1	0.0	27.79	10.647	0.0	27.007	10.671	0.0	353.525	5.88	0.0	141.416	5.988	0.0	1.94	0.0	0.0	1.915	0.0	0.0	2.087	0.0	0.0	2.068	0.0
137	5236	5237	NS	1	0.0	27.79	10.65	0.0	27.007	10.665	0.0	353.52	5.882	0.0	141.322	5.986	0.0	1.94	0.0	0.0	1.914	0.0	0.0	2.087	0.0	0.0	2.068	0.0
138	5236	5237	NS	1	0.0	27.299	13.736	0.0	29.285	15.885	0.0	353.52	14.77	0.0	138.261	14.982	0.0	1.931	0.0	0.0	1.929	0.0	0.0	2.092	0.0	0.0	2.071	0.0
139	5236	5237	SN	1	0.0	25.716	8.138	0.0	76.954	8.244	0.0	72.153	1.511	0.0	18.933	1.591	0.0	1.867	0.0	0.0	1.943	0.0	0.0	2.002	0.0	0.0	2.049	0.0
140	5236	5237	SN	1	0.0	30.884	14.779	0.0	28.43	13.908	0.0	83.436	9.987	0.0	50.115	9.334	0.0	1.849	0.0	0.0	1.967	0.0	0.0	2.007	0.0	0.0	2.048	0.0
141	5236	5237	SN	1	0.0	30.884	14.779	0.0	28.43	13.908	0.0	83.436	9.987	0.0	50.115	9.334	0.0	1.849	0.0	0.0	1.967	0.0	0.0	2.007	0.0	0.0	2.048	0.0
142	5236	5237	SN	1	0.0	25.716	8.126	0.0	76.954	8.25	0.0	72.153	1.51	0.0	41.589	1.618	0.0	1.867	0.0	0.0	1.943	0.0	0.0	2.002	0.0	0.0	2.049	0.0

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

143	5236	5237	NS	1	0.0	27.294	13.736	0.0	29.285	15.885	0.0	353.525	14.754	0.0	138.338	15.01	0.0	1.931	0.0	0.0	1.91	0.0	0.0	2.092	0.0	0.0	2.072	0.0
144	5236	5237	SN	1	0.0	25.716	8.126	0.0	76.954	8.25	0.0	72.153	1.51	0.0	41.589	1.618	0.0	1.867	0.0	0.0	1.943	0.0	0.0	2.002	0.0	0.0	2.049	0.0
145	5237	5238	SN	1	0.0	32.362	14.702	0.0	28.59	13.873	0.0	131.053	9.898	0.0	55.442	9.266	0.0	1.86	0.0	0.0	1.968	0.0	0.0	2.007	0.0	0.0	2.044	0.0
146	5237	5238	SN	1	0.0	25.716	8.12	0.0	28.038	8.209	0.0	131.053	1.482	0.0	41.649	1.621	0.0	1.867	0.0	0.0	1.94	0.0	0.0	2.003	0.0	0.0	2.058	0.0
147	5237	5238	NS	1	0.0	27.746	10.666	0.0	27.007	10.671	0.0	139.599	5.877	0.0	173.916	6.016	0.0	1.939	0.0	0.0	1.916	0.0	0.0	2.088	0.0	0.0	2.069	0.0
148	5237	5238	SN	1	0.0	25.716	8.122	0.0	28.038	8.227	0.0	131.147	1.482	0.0	41.649	1.617	0.0	1.867	0.0	0.0	1.938	0.0	0.0	2.002	0.0	0.0	2.058	0.0
149	5237	5238	SN	1	0.0	32.362	14.723	0.0	27.211	13.605	0.0	131.053	10.025	0.0	16.082	8.662	0.0	1.86	0.0	0.0	1.968	0.0	0.0	2.007	0.0	0.0	2.044	0.0
150	5237	5238	NS	1	0.0	27.239	13.815	0.0	29.279	15.825	0.0	154.45	14.752	0.0	174.169	15.038	0.0	1.93	0.0	0.0	1.928	0.0	0.0	2.091	0.0	0.0	2.071	0.0
151	5237	5238	NS	1	0.0	27.244	13.835	0.0	29.285	15.825	0.0	154.45	14.723	0.0	174.075	15.038	0.0	1.93	0.0	0.0	1.914	0.0	0.0	2.091	0.0	0.0	2.07	0.0
152	5237	5238	NS	1	0.0	27.74	10.659	0.0	27.007	10.676	0.0	139.626	5.882	0.0	121.501	6.014	0.0	1.938	0.0	0.0	1.915	0.0	0.0	2.088	0.0	0.0	2.069	0.0
153	5237	5238	SN	1	0.0	25.716	8.125	0.0	27.288	8.137	0.0	131.053	1.488	0.0	12.172	1.439	0.0	1.867	0.0	0.0	1.94	0.0	0.0	2.003	0.0	0.0	2.058	0.0
154	5237	5238	SN	1	0.0	32.357	14.702	0.0	28.595	13.853	0.0	131.147	9.92	0.0	55.442	9.252	0.0	1.86	0.0	0.0	1.967	0.0	0.0	2.006	0.0	0.0	2.042	0.0
155	5238	5239	SN	1	0.0	25.711	8.107	0.0	28.4	8.193	0.0	73.901	1.466	0.0	42.504	1.59	0.0	1.87	0.0	0.0	1.946	0.0	0.0	2.002	0.0	0.0	2.06	0.0
156	5238	5239	NS	1	0.0	27.749	10.653	0.0	27.001	10.719	0.0	143.718	5.91	0.0	158.275	6.046	0.0	1.938	0.0	0.0	1.912	0.0	0.0	2.087	0.0	0.0	2.069	0.0
157	5238	5239	NS	1	0.0	27.31	13.957	0.0	29.301	15.843	0.0	151.472	14.786	0.0	150.593	15.038	0.0	1.927	0.0	0.0	1.923	0.0	0.0	2.092	0.0	0.0	2.071	0.0
158	5238	5239	SN	1	0.0	25.711	8.148	0.0	27.272	8.088	0.0	73.901	1.504	0.0	11.118	1.328	0.0	1.87	0.0	0.0	1.946	0.0	0.0	2.002	0.0	0.0	2.06	0.0
159	5238	5239	SN	1	0.033	32.301	14.606	0.0	28.584	13.9	0.0	91.35	9.82	0.0	57.93	9.116	0.001	1.87	0.0	0.0	1.97	0.0	0.0	2.009	0.0	0.0	2.049	0.0
160	5238	5239	SN	1	0.0	32.301	14.719	0.0	27.023	13.461	0.0	91.35	10.089	0.0	13.589	8.018	0.0	1.87	0.0	0.0	1.97	0.0	0.0	2.009	0.0	0.0	2.049	0.0
161	5239	5240	NS	1	0.0	27.774	10.646	0.0	27.007	10.712	0.0	151.092	5.912	0.0	123.056	6.076	0.0	1.937	0.0	0.0	1.914	0.0	0.0	2.087	0.0	0.0	2.069	0.0
162	5239	5240	NS	1	0.0	27.305	13.967	0.0	29.345	15.853	0.0	145.66	14.78	0.0	154.023	15.038	0.0	1.927	0.0	0.0	1.923	0.0	0.0	2.092	0.0	0.0	2.071	0.0
163	5239	5240	NS	1	0.0	27.233	13.899	0.0	32.059	15.848	0.0	163.12	14.769	0.0	154.023	14.972	0.0	1.927	0.0	0.0	1.915	0.0	0.0	2.094	0.0	0.0	2.071	0.0
164	5239	5240	SN	1	0.0	25.705	8.098	0.0	28.06	8.127	0.0	64.691	1.445	0.0	43.464	1.564	0.0	1.866	0.0	0.0	1.946	0.0	0.0	2.003	0.0	0.0	2.058	0.0
165	5239	5240	SN	1	0.0	25.705	8.098	0.0	28.06	8.127	0.0	64.691	1.445	0.0	43.464	1.564	0.0	1.866	0.0	0.0	1.946	0.0	0.0	2.003	0.0	0.0	2.058	0.0
166	5239	5240	SN	1	0.745	32.351	14.556	0.0	28.584	13.9	0.0	86.729	9.785	0.0	59.055	9.116	0.001	1.881	0.0	0.0	1.967	0.0	0.0	2.006	0.0	0.0	2.057	0.0
167	5239	5240	SN	1	0.745	32.351	14.556	0.0	28.584	13.9	0.0	86.729	9.785	0.0	59.055	9.116	0.001	1.881	0.0	0.0	1.967	0.0	0.0	2.006	0.0	0.0	2.057	0.0
168	5239	5240	NS	1	0.0	27.774	10.658	0.0	27.007	10.728	0.0	140.393	5.917	0.0	129.636	6.06	0.0	1.937	0.0	0.0	1.913	0.0	0.0	2.087	0.0	0.0	2.069	0.0
169	5240	5241	NS	1	0.0	27.316	13.859	0.0	32.097	15.838	0.0	354.513	14.733	0.0	145.469	14.993	0.0	1.926	0.0	0.0	1.915	0.0	0.0	2.094	0.0	0.0	2.074	0.0
170	5240	5241	NS	1	0.0	27.796	10.661	0.0	27.001	10.728	0.0	354.513	5.915	0.0	132.432	6.039	0.0	1.937	0.0	0.0	1.913	0.0	0.0	2.088	0.0	0.0	2.07	0.0
171	5240	5241	NS	1	0.0	27.796	10.661	0.0	27.001	10.728	0.0	354.513	5.917	0.0	132.432	6.039	0.0	1.937	0.0	0.0	1.913	0.0	0.0	2.088	0.0	0.0	2.07	0.0
172	5240	5241	NS	1	0.0	27.316	13.859	0.0	32.097	15.838	0.0	354.513	14.726	0.0	145.469	14.993	0.0	1.926	0.0	0.0	1.915	0.0	0.0	2.094	0.0	0.0	2.074	0.0
173	5240	5241	SN	1	0.0	32.368	14.594	0.0	152.515	13.918	0.0	80.447	9.764	0.0	70.057	9.102	0.0	1.85	0.0	0.0	1.967	0.0	0.0	2.005	0.0	0.0	2.058	0.0
174	5240	5241	SN	1	0.0	25.705	8.072	0.0	27.492	8.141	0.0	60.869	1.444	0.0	53.6	1.549	0.0	1.866	0.0	0.0	1.944	0.0	0.0	2.0	0.0	0.0	2.058	0.0
175	5241	5242	NS	1	0.0	27.829	10.642	0.0	27.007	10.718	0.0	142.698	5.901	0.0	127.529	6.046	0.0	1.937	0.0	0.0	1.912	0.0	0.0	2.088	0.0	0.0	2.067	0.0
176	5241	5242	NS	1	0.0	27.316	13.965	0.0	29.742	15.915	0.0	154.61	14.766	0.0	143.351	15.095	0.0	1.927	0.0	0.0	1.924	0.0	0.0	2.093	0.0	0.0	2.07	0.0

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