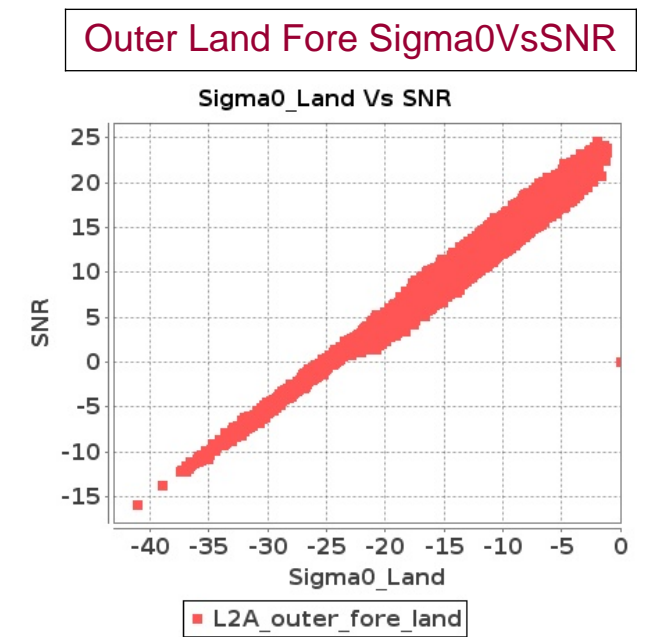
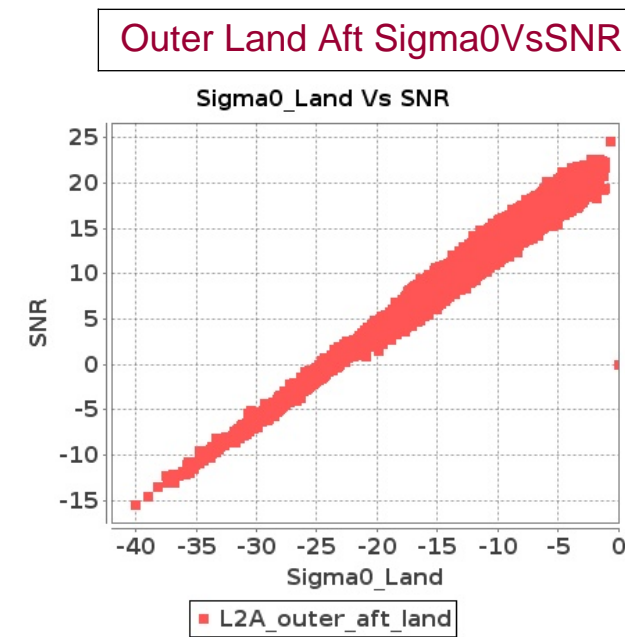
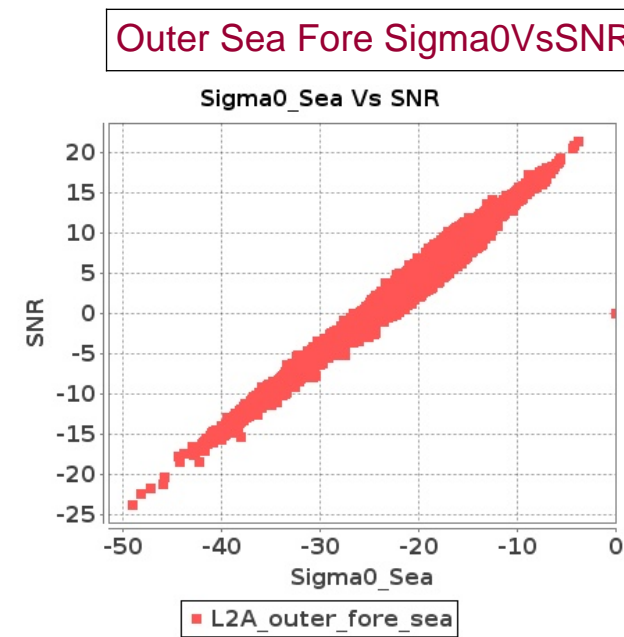
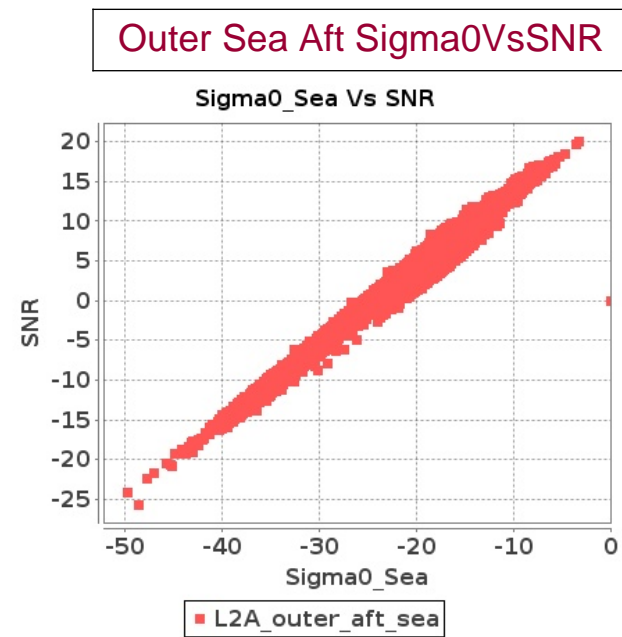
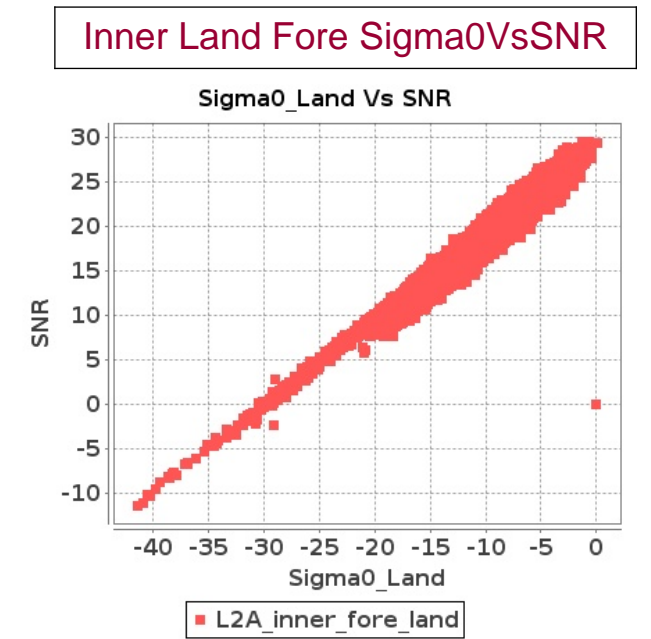
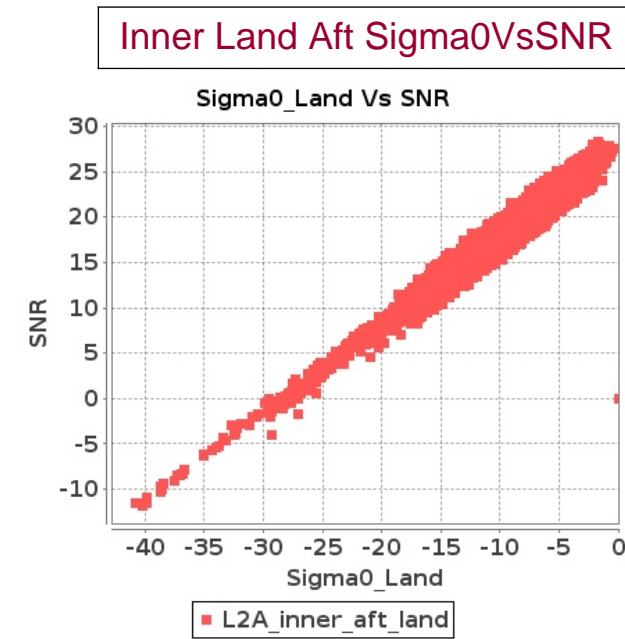
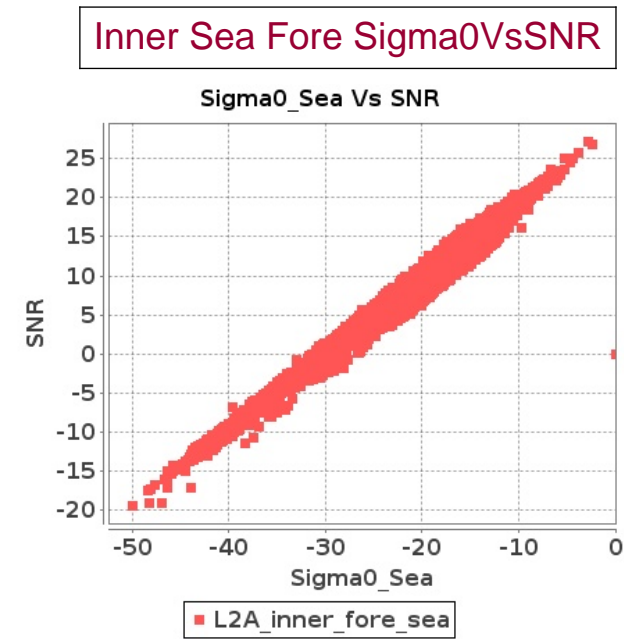
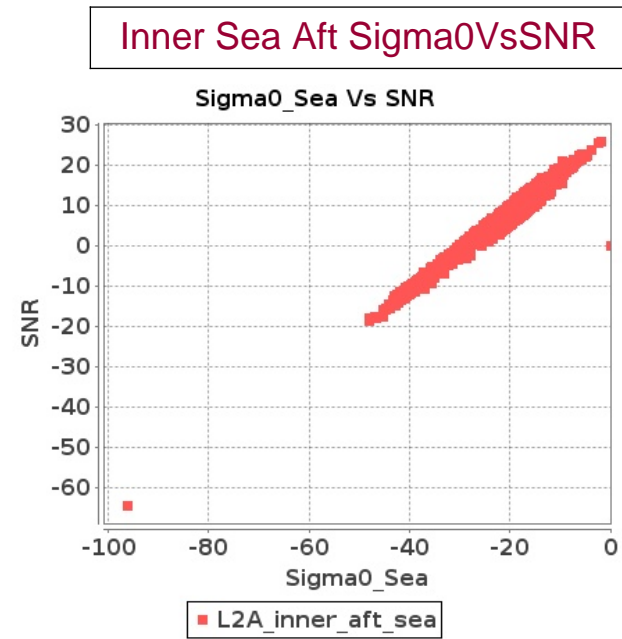


SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 06-JUL-2017 To 07-JUL-2017



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

Report between 06-JUL-2017 To 07-JUL-2017

					SNR												Sigma0											
					Inner Aft			Inner Fore			Outer Aft			Outer Fore			Inner Aft			Inner Fore			Outer Aft			Outer Fore		
Sr No	Start Orbit	End Orbit	Dir.	Ver.	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)
1	4100	4101	SN	1	0.0	52.286	7.571	0.0	51.775	6.63	0.0	47.688	5.202	0.0	44.713	5.271	0.0	48.975	6.999	0.0	51.134	6.109	0.0	47.595	4.939	0.0	45.506	4.818
2	4100	4101	SN	1	0.0	50.575	2.459	0.0	45.884	2.116	0.0	43.857	1.596	0.0	40.538	1.435	0.0	50.135	2.15	0.0	47.176	1.901	0.0	40.963	1.457	0.0	41.481	1.259
3	4100	4101	SN	1	0.0	49.444	7.453	0.0	51.775	6.397	0.0	47.688	5.206	0.0	44.713	5.073	0.0	49.521	6.892	0.0	51.134	5.869	0.0	47.595	4.887	0.0	45.506	4.669
4	4100	4101	SN	1	0.0	50.041	7.453	0.0	48.174	6.396	0.0	48.481	5.284	0.0	46.172	5.031	0.0	50.618	6.972	0.0	47.022	5.913	0.0	48.388	4.958	0.0	46.529	4.61
5	4100	4101	SN	1	0.0	55.144	2.456	0.0	47.439	2.117	0.0	44.49	1.582	0.0	39.328	1.464	0.0	53.176	2.179	0.0	47.605	1.916	0.0	42.455	1.46	0.0	40.261	1.297
6	4100	4101	SN	1	0.0	55.144	2.498	0.0	47.439	2.209	0.0	44.49	1.59	0.0	39.328	1.513	0.0	53.176	2.24	0.0	47.605	1.991	0.0	42.455	1.506	0.0	40.261	1.34
7	4101	4102	SN	1	0.0	47.457	2.122	0.0	48.839	1.733	0.0	39.767	1.389	0.0	39.633	1.236	0.0	46.998	1.888	0.0	51.515	1.513	0.0	39.089	1.254	0.0	38.301	1.062
8	4101	4102	SN	1	0.0	47.457	2.126	0.0	48.839	1.714	0.0	39.767	1.389	0.0	39.633	1.222	0.0	46.998	1.89	0.0	51.515	1.496	0.0	39.089	1.254	0.0	38.301	1.05
9	4101	4102	NS	1	0.0	51.421	6.134	0.0	53.051	4.453	0.0	47.201	4.277	0.0	48.826	3.616	0.0	52.934	5.43	0.0	51.316	3.961	0.0	46.542	3.679	0.0	48.132	2.99
10	4101	4102	SN	1	0.0	49.787	6.06	0.0	48.081	5.402	0.0	43.782	4.468	0.0	47.593	4.324	0.0	50.346	5.258	0.0	47.877	4.924	0.0	44.201	4.085	0.0	47.029	3.863
11	4101	4102	NS	1	0.0	49.072	1.963	0.0	52.575	1.277	0.0	43.898	1.39	0.0	42.182	1.104	0.0	48.1	1.57	0.0	49.417	1.117	0.0	43.616	1.138	0.0	42.181	0.922
12	4101	4102	SN	1	0.0	49.787	6.059	0.0	48.081	5.34	0.0	43.782	4.468	0.0	47.593	4.284	0.0	50.346	5.268	0.0	47.877	4.867	0.0	44.201	4.085	0.0	47.029	3.821
13	4102	4103	SN	1	0.0	53.764	6.831	0.0	47.994	5.184	0.0	42.354	4.962	0.0	44.266	4.823	0.0	52.127	6.192	0.0	48.749	4.909	0.0	41.24	4.589	0.0	44.739	4.26
14	4102	4103	SN	1	0.0	45.035	2.242	0.0	48.412	1.804	0.0	42.586	1.529	0.0	42.939	1.674	0.0	46.178	1.944	0.0	46.713	1.625	0.0	40.168	1.375	0.0	45.89	1.361
15	4102	4103	NS	1	0.0	44.784	1.308	0.0	41.571	1.084	0.0	36.984	1.012	0.0	40.086	0.968	0.0	45.158	1.136	0.0	44.566	0.905	0.0	35.075	0.941	0.0	40.756	0.819
16	4102	4103	NS	1	0.0	44.784	1.308	0.0	41.571	1.084	0.0	36.984	1.012	0.0	40.086	0.968	0.0	45.158	1.136	0.0	44.566	0.905	0.0	35.075	0.941	0.0	40.756	0.819
17	4102	4103	SN	1	0.0	45.035	2.242	0.0	48.412	1.825	0.0	42.586	1.529	0.0	42.939	1.695	0.0	46.178	1.942	0.0	46.713	1.644	0.0	40.168	1.376	0.0	45.89	1.378
18	4102	4103	SN	1	0.0	45.035	2.265	0.0	48.412	1.825	0.0	42.586	1.551	0.0	42.939	1.694	0.0	46.178	1.961	0.0	46.713	1.644	0.0	40.168	1.39	0.0	45.89	1.377
19	4102	4103	SN	1	0.0	53.764	6.77	0.0	47.994	5.12	0.0	42.354	4.879	0.0	44.266	4.776	0.0	52.127	6.149	0.0	48.749	4.859	0.0	41.24	4.532	0.0	44.739	4.206
20	4102	4103	SN	1	0.0	53.764	6.761	0.0	47.994	5.179	0.0	42.354	4.872	0.0	44.266	4.828	0.0	52.127	6.15	0.0	48.749	4.915	0.0	41.24	4.503	0.0	44.739	4.252
21	4102	4103	NS	1	0.0	51.394	3.548	0.0	50.602	3.139	0.0	39.346	3.124	0.0	47.239	2.912	0.0	48.885	3.096	0.0	50.063	2.618	0.0	36.999	2.668	0.0	47.116	2.415
22	4102	4103	NS	1	0.0	51.394	3.548	0.0	50.602	3.139	0.0	39.346	3.124	0.0	47.239	2.912	0.0	48.885	3.096	0.0	50.063	2.618	0.0	36.999	2.668	0.0	47.116	2.415
23	4103	4104	SN	1	0.0	46.852	8.666	0.0	47.606	8.008	0.0	41.87	6.227	0.0	45.169	6.595	0.0	43.05	8.365	0.0	46.293	7.686	0.0	40.861	6.298	0.0	44.027	6.31
24	4103	4104	SN	1	0.0	46.852	8.656	0.0	47.606	8.102	0.0	41.87	6.227	0.0	45.169	6.668	0.0	43.05	8.366	0.0	46.293	7.776	0.0	40.861	6.298	0.0	44.027	6.379
25	4103	4104	NS	1	0.0	45.044	3.793	0.0	43.024	2.614	0.0	40.736	2.87	0.0	44.784	2.792	0.0	42.165	3.129	0.0	40.262	2.142	0.0	41.971	2.6	0.0	44.361	2.436
26	4103	4104	NS	1	0.0	45.044	3.793	0.0	43.024	2.614	0.0	40.736	2.87	0.0	44.784	2.792	0.0	42.165	3.129	0.0	40.262	2.142	0.0	41.971	2.6	0.0	44.361	2.436
27	4103	4104	SN	1	0.0	47.985	2.778	0.0	44.113	2.686	0.0	38.328	2.129	0.0	38.186	2.296	0.0	45.37	2.63	0.0	43.739	2.418	0.0	39.046	2.093	0.0	37.219	2.073
28	4103	4104	SN	1	0.0	47.985	2.778	0.0	44.113	2.716	0.0	38.328	2.125	0.0	38.186	2.322	0.0	45.37	2.63	0.0	43.739	2.446	0.0	39.046	2.092	0.0	37.219	2.097
29	4103	4104	SN	1	0.0	46.852	8.666	0.0	47.606	8.008	0.0	41.87	6.227	0.0	45.169	6.595	0.0	43.05	8.365	0.0	46.293	7.696	0.0	40.861	6.298	0.0	44.027	6.31
30	4103	4104	NS	1	0.0	42.351	1.331	0.0	44.441	0.921	0.0	37.606	0.984	0.0	39.688	0.963	0.0	42.147	1.046	0.0	41.309	0.829	0.0	38.408	0.84	0.0	39.971	0.814
31	4103	4104	SN	1	0.0	47.985	2.778	0.0	44.113	2.686	0.0	38.328	2.125	0.0	38.186	2.296	0.0	45.37	2.63	0.0	43.739	2.418	0.0	39.046	2.092	0.0	37.219	2.073

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

32	4103	4104	NS	1	0.0	42.351	1.331	0.0	44.441	0.921	0.0	37.606	0.984	0.0	39.688	0.963	0.0	42.147	1.046	0.0	41.309	0.829	0.0	38.408	0.84	0.0	39.971	0.814
33	4104	4105	SN	1	0.0	42.94	1.976	0.0	44.617	1.547	0.0	39.068	1.527	0.0	42.089	1.614	0.0	41.536	1.73	0.0	42.172	1.408	0.0	39.209	1.394	0.0	39.026	1.44
34	4104	4105	SN	1	0.0	46.641	6.412	0.0	49.331	4.809	0.0	48.17	4.674	0.0	43.803	4.456	0.0	47.246	5.79	0.0	50.393	4.528	0.0	51.261	4.539	0.0	41.678	4.328
35	4104	4105	SN	1	0.0	46.641	6.412	0.0	49.331	4.809	0.0	48.17	4.674	0.0	43.803	4.456	0.0	47.246	5.79	0.0	50.393	4.528	0.0	51.261	4.539	0.0	41.678	4.328
36	4104	4105	NS	1	0.0	43.178	1.532	0.0	53.947	1.477	0.0	41.822	1.028	0.0	44.066	0.958	0.0	41.149	1.374	0.0	53.599	1.265	0.0	39.122	0.953	0.0	43.487	0.862
37	4104	4105	SN	1	0.0	42.94	1.976	0.0	44.617	1.547	0.0	39.068	1.527	0.0	42.089	1.614	0.0	41.536	1.73	0.0	42.172	1.408	0.0	39.209	1.394	0.0	39.026	1.44
38	4104	4105	NS	1	0.0	46.178	4.866	0.0	57.669	4.344	0.0	45.237	3.879	0.0	42.963	3.588	0.0	46.679	4.202	0.0	54.353	3.983	0.0	46.196	3.36	0.0	42.078	3.268
39	4104	4105	NS	1	0.0	46.178	4.866	0.0	57.669	4.344	0.0	45.237	3.879	0.0	42.963	3.588	0.0	46.679	4.202	0.0	54.353	3.983	0.0	46.196	3.36	0.0	42.078	3.268
40	4104	4105	NS	1	0.0	43.178	1.532	0.0	53.947	1.477	0.0	41.822	1.028	0.0	44.066	0.958	0.0	41.149	1.374	0.0	53.599	1.265	0.0	39.122	0.953	0.0	43.487	0.862
41	4104	4105	SN	1	0.0	46.641	6.412	0.0	49.331	4.866	0.0	48.17	4.674	0.0	43.803	4.505	0.0	47.246	5.791	0.0	50.393	4.581	0.0	51.261	4.539	0.0	41.678	4.375
42	4104	4105	SN	1	0.0	42.94	1.976	0.0	44.617	1.564	0.0	39.068	1.527	0.0	42.089	1.632	0.0	41.536	1.73	0.0	42.172	1.424	0.0	39.209	1.394	0.0	39.026	1.456
43	4105	4106	NS	1	0.0	49.278	8.636	0.0	53.709	8.138	0.0	49.458	6.092	0.0	44.13	6.381	0.0	50.889	8.254	0.0	54.143	7.706	0.0	47.615	6.063	0.0	44.964	6.025
44	4105	4106	SN	1	0.0	47.142	8.548	0.0	50.912	7.491	0.0	43.607	6.194	0.0	44.592	6.177	0.0	46.98	7.606	0.0	53.452	6.697	0.0	44.354	5.875	0.0	43.777	5.68
45	4105	4106	SN	1	0.0	47.142	8.547	0.0	50.912	7.415	0.0	43.607	6.201	0.0	44.592	6.11	0.0	46.98	7.605	0.0	53.452	6.61	0.0	44.354	5.882	0.0	43.777	5.618
46	4105	4106	SN	1	0.0	44.882	2.946	0.0	47.049	2.505	0.0	38.212	2.224	0.0	40.166	2.161	0.0	42.735	2.563	0.0	44.924	2.226	0.0	38.141	2.082	0.0	39.757	1.895
47	4105	4106	SN	1	0.0	44.882	2.946	0.0	47.049	2.477	0.0	38.212	2.224	0.0	40.166	2.137	0.0	42.735	2.563	0.0	44.924	2.201	0.0	38.141	2.082	0.0	39.757	1.874
48	4105	4106	NS	1	0.0	47.45	2.892	0.0	45.505	2.647	0.0	46.73	1.896	0.0	46.721	2.088	0.0	48.058	2.854	0.0	48.569	2.496	0.0	43.883	1.854	0.0	46.532	1.894
49	4107	4108	NS	1	0.0	46.497	2.566	0.0	42.417	2.261	0.0	42.631	1.876	0.0	40.991	1.845	0.0	44.207	2.297	0.0	42.883	2.019	0.0	43.937	1.736	0.0	45.424	1.664
50	4107	4108	NS	1	0.0	43.878	7.243	0.0	46.572	6.177	0.0	41.413	5.811	0.0	52.457	5.264	0.0	45.427	6.932	0.0	45.008	5.694	0.0	42.913	5.469	0.0	49.821	4.887
51	4107	4108	SN	1	0.0	53.901	11.756	0.0	54.23	12.282	0.0	46.227	7.784	0.0	44.773	8.384	0.0	54.752	11.396	0.0	55.395	11.916	0.0	46.047	7.246	0.0	46.32	8.002
52	4107	4108	SN	1	0.0	45.998	3.934	0.0	47.296	3.608	0.0	42.986	2.187	0.0	48.033	2.24	0.0	45.039	3.544	0.0	50.203	3.336	0.0	42.691	2.001	0.0	46.849	2.065
53	4107	4108	SN	1	0.0	45.998	3.923	0.0	47.296	3.676	0.0	42.986	2.19	0.0	48.033	2.362	0.0	45.039	3.578	0.0	50.203	3.454	0.0	42.691	2.006	0.0	46.849	2.193
54	4107	4108	SN	1	0.0	53.901	11.475	0.0	54.23	11.912	0.0	46.227	7.744	0.0	44.773	8.117	0.0	54.752	11.018	0.0	55.395	11.485	0.0	46.047	7.202	0.0	46.32	7.632
55	4108	4109	NS	1	0.0	46.831	6.378	0.0	40.454	5.321	0.0	43.062	4.935	0.0	40.824	4.509	0.0	48.223	5.926	0.0	41.049	4.748	0.0	42.786	4.643	0.0	41.162	4.153
56	4108	4109	SN	1	0.0	49.767	5.491	0.0	50.816	5.486	0.0	43.771	3.348	0.0	44.81	3.872	0.0	50.029	4.8	0.0	53.541	5.084	0.0	41.261	2.681	0.0	44.443	3.366
57	4108	4109	SN	1	0.0	45.55	1.503	0.0	47.227	1.57	0.0	41.857	0.889	0.0	43.434	1.097	0.0	45.82	1.237	0.0	48.864	1.325	0.0	36.892	0.706	0.0	41.233	0.881
58	4108	4109	NS	1	0.0	45.731	2.172	0.0	51.142	1.721	0.0	41.69	1.508	0.0	38.755	1.302	0.0	46.571	1.917	0.0	48.933	1.488	0.0	39.196	1.444	0.0	39.0	1.203
59	4108	4109	NS	1	0.0	46.831	6.378	0.0	40.454	5.321	0.0	43.062	4.935	0.0	40.824	4.509	0.0	48.223	5.926	0.0	41.049	4.748	0.0	42.786	4.643	0.0	41.162	4.153
60	4108	4109	NS	1	0.0	45.731	2.172	0.0	51.142	1.721	0.0	41.69	1.508	0.0	38.755	1.302	0.0	46.571	1.917	0.0	48.933	1.488	0.0	39.196	1.444	0.0	39.0	1.203
61	4109	4110	NS	1	0.0	49.295	2.922	0.0	53.539	2.616	0.0	40.149	1.62	0.0	43.921	1.959	0.0	46.437	2.536	0.0	49.046	2.354	0.0	40.238	1.474	0.0	41.256	1.611
62	4109	4110	SN	1	0.0	43.896	2.404	0.0	58.412	2.227	0.0	40.451	1.697	0.0	43.064	1.779	0.0	42.702	2.35	0.0	54.308	2.157	0.0	37.856	1.734	0.0	39.492	1.652
63	4109	4110	NS	1	0.0	50.544	8.5	0.0	50.805	7.859	0.0	46.379	6.142	0.0	47.335	6.449	0.0	51.077	7.746	0.0	52.485	7.225	0.0	47.61	5.537	0.0	45.814	5.993
64	4109	4110	SN	1	0.0	44.778	7.773	0.0	48.037	6.637	0.0	48.24	5.078	0.0	44.761	5.551	0.0	46.658	7.593	0.0	50.088	6.345	0.0	50.467	4.986	0.0	47.424	5.352
65	4110	4111	NS	1	0.0	50.674	2.062	0.0	53.344	1.765	0.0	42.688	1.428	0.0	44.436	1.422	0.0	49.012	1.771	0.0	49.828	1.573	0.0	42.49	1.323	0.0	43.807	1.296
66	4110	4111	SN	1	0.0	53.492	6.06	0.0	48.537	5.521	0.0	46.314	5.242	0.0	44.581	5.366	0.0	51.715	5.489	0.0	49.487	4.988	0.0	47.32	4.929	0.0	41.634	4.91
67	4110	4111	SN	1	0.0	50.406	2.161	0.0	52.813	1.768	0.0	43.465	1.623	0.0	42.855	1.681	0.0	47.166	1.906	0.0	52.255	1.609	0.0	41.654	1.501	0.0	42.969	1.503

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

 Normal	 Deviations
 Alarming	 High Errors

68	4110	4111	NS	1	0.0	51.569	6.021	0.0	51.609	5.515	0.0	44.274	4.526	0.0	44.441	4.574	0.0	52.892	5.669	0.0	53.921	5.294	0.0	43.04	4.248	0.0	44.374	4.19
69	4111	4112	NS	1	0.0	41.778	2.23	0.0	46.13	1.912	0.0	40.567	1.884	0.0	39.147	1.675	0.0	41.443	1.825	0.0	43.228	1.621	0.0	39.423	1.662	0.0	38.887	1.459
70	4111	4112	SN	1	0.0	45.148	6.741	0.0	52.333	6.255	0.0	41.984	4.985	0.0	44.538	5.366	0.0	46.738	5.82	0.0	53.004	5.722	0.0	43.43	4.517	0.0	45.298	4.938
71	4111	4112	SN	1	0.0	49.747	2.165	0.0	46.843	2.089	0.0	47.549	1.364	0.0	41.972	1.475	0.0	47.729	1.956	0.0	47.276	1.824	0.0	49.922	1.15	0.0	44.738	1.291
72	4111	4112	NS	1	0.0	49.649	5.952	0.0	54.023	5.916	0.0	42.261	5.373	0.0	45.652	4.857	0.0	49.991	5.148	0.0	55.467	5.294	0.0	42.903	5.01	0.0	43.589	4.46
73	4112	4113	SN	1	0.0	47.807	7.403	0.0	47.351	7.11	0.0	48.864	6.609	0.0	43.007	6.185	0.0	49.216	7.162	0.0	45.987	6.607	0.0	46.145	6.581	0.0	44.713	5.964
74	4112	4113	SN	1	0.0	43.265	2.823	0.0	47.81	2.564	0.0	44.637	2.095	0.0	42.59	1.998	0.0	40.157	2.706	0.0	48.511	2.422	0.0	44.746	2.005	0.0	41.058	1.798
75	4112	4113	NS	1	0.0	45.708	2.526	0.0	47.515	2.108	0.0	41.743	1.898	0.0	40.126	1.73	0.0	46.799	2.302	0.0	48.136	1.9	0.0	41.28	1.77	0.0	36.381	1.56
76	4112	4113	NS	1	0.0	51.503	7.749	0.0	48.644	6.645	0.0	44.956	5.688	0.0	44.888	5.399	0.0	48.207	7.241	0.0	46.585	6.211	0.0	46.034	5.476	0.0	47.542	5.201
77	4112	4113	NS	1	0.0	51.503	7.519	0.0	48.644	6.437	0.0	44.956	5.515	0.0	44.888	5.234	0.0	48.207	7.027	0.0	46.585	6.016	0.0	46.034	5.308	0.0	47.542	5.042
78	4112	4113	NS	1	0.0	45.708	2.602	0.0	47.515	2.171	0.0	41.743	1.957	0.0	40.126	1.783	0.0	46.799	2.374	0.0	48.136	1.957	0.0	41.28	1.826	0.0	36.381	1.607
79	4113	4114	SN	1	0.0	42.403	1.964	0.0	47.507	1.709	0.0	38.127	1.367	0.0	43.898	1.544	0.0	42.159	1.683	0.0	44.597	1.501	0.0	36.826	1.263	0.0	39.533	1.277
80	4113	4114	NS	1	0.0	53.501	9.651	0.0	46.082	7.151	0.0	44.08	6.843	0.0	43.802	6.665	0.0	50.561	8.692	0.0	46.757	6.447	0.0	44.707	6.243	0.0	42.951	5.926
81	4113	4114	NS	1	0.0	44.792	3.349	0.0	43.296	2.553	0.0	44.097	2.31	0.0	48.061	2.11	0.0	43.925	2.9	0.0	42.128	2.247	0.0	43.599	2.121	0.0	43.849	1.869
82	4113	4114	NS	1	0.0	44.792	3.059	0.0	43.296	2.334	0.0	44.097	2.113	0.0	48.061	1.929	0.0	43.925	2.647	0.0	42.128	2.054	0.0	43.599	1.941	0.0	43.849	1.707
83	4113	4114	SN	1	0.0	49.697	5.358	0.0	43.124	4.868	0.0	40.867	4.07	0.0	45.57	4.498	0.0	50.208	4.827	0.0	41.523	4.315	0.0	38.411	3.822	0.0	43.597	3.821
84	4113	4114	NS	1	0.0	53.501	8.798	0.0	46.082	6.544	0.0	44.08	6.298	0.0	43.802	6.101	0.0	50.561	7.924	0.0	46.757	5.901	0.0	44.707	5.721	0.0	42.951	5.425
85	4114	4115	NS	1	0.0	49.082	11.748	0.0	53.135	10.32	0.0	45.5	8.929	0.0	53.636	8.432	0.0	48.828	11.526	0.0	51.467	9.989	0.0	47.115	9.178	0.0	50.624	8.397
86	4114	4115	SN	1	0.0	49.761	8.084	0.0	49.496	8.08	0.0	46.787	6.063	0.0	43.427	6.652	0.0	51.053	7.473	0.0	48.645	7.337	0.0	47.396	5.716	0.0	41.858	5.982
87	4114	4115	SN	1	0.0	49.922	7.994	0.0	49.496	8.247	0.0	46.766	6.077	0.0	43.427	6.939	0.0	51.211	7.398	0.0	48.645	7.538	0.0	47.372	5.708	0.0	41.858	6.257
88	4114	4115	NS	1	0.0	48.316	3.968	0.0	48.783	3.256	0.0	41.65	2.763	0.0	39.323	2.522	0.0	46.788	3.837	0.0	47.605	3.294	0.0	41.303	2.749	0.0	41.837	2.525
89	4114	4115	SN	1	0.0	44.209	2.931	0.0	47.894	2.849	0.0	40.938	1.922	0.0	41.667	2.262	0.0	47.309	2.591	0.0	47.174	2.476	0.0	39.898	1.864	0.0	41.6	1.961
90	4114	4115	SN	1	0.0	44.209	2.876	0.0	47.894	2.729	0.0	41.156	1.875	0.0	41.667	2.154	0.0	47.33	2.57	0.0	47.174	2.381	0.0	39.874	1.818	0.0	41.6	1.859
91	4114	4115	NS	1	0.0	48.316	4.589	0.0	48.783	3.785	0.0	41.65	3.195	0.0	39.323	2.934	0.0	46.788	4.447	0.0	47.605	3.83	0.0	41.303	3.179	0.0	41.837	2.94
92	4114	4115	NS	1	0.0	49.082	13.601	0.0	53.135	12.038	0.0	45.5	10.241	0.0	53.636	9.784	0.0	48.828	13.377	0.0	51.467	11.674	0.0	47.115	10.598	0.0	50.624	9.759
93	4115	4116	SN	1	0.0	51.526	7.038	0.0	47.733	7.024	0.0	48.334	4.785	0.0	50.864	4.902	0.0	49.627	6.337	0.0	46.558	6.556	0.0	46.527	4.516	0.0	50.388	4.484
94	4115	4116	SN	1	0.0	45.468	2.351	0.0	48.683	2.28	0.0	44.202	1.392	0.0	46.518	1.58	0.0	46.076	2.072	0.0	48.461	2.095	0.0	41.795	1.208	0.0	45.87	1.386
95	4115	4116	SN	1	0.0	45.468	2.351	0.0	48.683	2.255	0.0	44.202	1.392	0.0	46.518	1.562	0.0	46.076	2.072	0.0	48.461	2.072	0.0	41.795	1.208	0.0	45.87	1.37
96	4115	4116	NS	1	0.0	55.192	4.046	0.0	53.63	3.549	0.0	42.792	2.304	0.0	46.579	2.371	0.0	56.578	3.734	0.0	54.585	3.177	0.0	46.074	2.217	0.0	50.205	2.16
97	4115	4116	NS	1	0.0	55.192	4.046	0.0	53.63	3.549	0.0	42.792	2.304	0.0	46.579	2.371	0.0	56.578	3.734	0.0	54.585	3.177	0.0	46.074	2.217	0.0	50.205	2.16
98	4115	4116	NS	1	0.0	58.501	13.219	0.0	55.712	11.865	0.0	51.066	8.125	0.0	48.99	8.112	0.0	59.521	12.455	0.0	55.465	11.081	0.0	50.621	8.018	0.0	49.042	7.713
99	4115	4116	NS	1	0.0	58.501	13.219	0.0	55.712	11.865	0.0	51.066	8.125	0.0	48.99	8.112	0.0	59.521	12.455	0.0	55.465	11.081	0.0	50.621	8.018	0.0	49.042	7.713
100	4115	4116	SN	1	0.0	51.526	7.037	0.0	47.733	6.944	0.0	48.334	4.785	0.0	50.864	4.848	0.0	49.627	6.336	0.0	46.558	6.481	0.0	46.527	4.516	0.0	50.388	4.435
101	4115	4116	SN	1	0.0	51.526	7.219	0.0	47.733	7.121	0.0	48.334	4.855	0.0	50.864	4.976	0.0	49.627	6.499	0.0	46.558	6.647	0.0	46.527	4.578	0.0	50.388	4.552
102	4115	4116	NS	1	0.0	58.501	13.219	0.0	55.712	11.865	0.0	51.066	8.125	0.0	48.99	8.112	0.0	59.521	12.455	0.0	55.465	11.081	0.0	50.621	8.018	0.0	49.042	7.713
103	4115	4116	NS	1	0.0	58.501	13.219	0.0	55.712	11.865	0.0	51.066	8.125	0.0	48.99	8.112	0.0	59.521	12.455	0.0	55.465	11.081	0.0	50.621	8.018	0.0	49.042	7.713

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

104	4115	4116	SN	1	0.0	51.526	7.037	0.0	47.733	6.944	0.0	48.334	4.785	0.0	50.864	4.848	0.0	49.627	6.336	0.0	46.558	6.481	0.0	46.527	4.516	0.0	50.388	4.435
105	4115	4116	SN	1	0.0	51.526	7.038	0.0	47.733	7.024	0.0	48.334	4.785	0.0	50.864	4.902	0.0	49.627	6.337	0.0	46.558	6.556	0.0	46.527	4.516	0.0	50.388	4.484
106	4115	4116	SN	1	0.0	51.526	7.219	0.0	47.733	7.121	0.0	48.334	4.855	0.0	50.864	4.976	0.0	49.627	6.499	0.0	46.558	6.647	0.0	46.527	4.578	0.0	50.388	4.552
107	4115	4116	SN	1	0.0	45.468	2.417	0.0	48.683	2.316	0.0	44.202	1.413	0.0	46.518	1.604	0.0	46.076	2.13	0.0	48.461	2.133	0.0	41.795	1.233	0.0	45.87	1.406
108	4116	4117	NS	1	0.0	49.639	4.253	0.0	52.211	3.552	0.0	43.516	2.94	0.0	41.409	2.658	0.0	50.231	3.71	0.0	52.74	3.1	0.0	43.513	2.456	0.0	41.337	2.267
109	4116	4117	NS	1	0.0	54.015	1.207	0.0	48.107	0.967	0.0	39.227	0.943	0.0	37.377	0.728	0.0	50.773	0.985	0.0	46.619	0.82	0.0	35.397	0.792	0.0	33.629	0.617
110	4116	4117	NS	1	0.0	46.684	4.355	0.0	50.039	3.484	0.0	41.399	2.843	0.0	45.52	2.264	0.0	48.191	3.765	0.0	51.218	3.068	0.0	39.034	2.361	0.0	43.278	2.063
111	4116	4117	SN	1	0.0	46.685	5.376	0.0	51.566	4.906	0.0	47.943	4.282	0.0	46.156	4.246	0.0	47.792	4.886	0.0	51.122	4.509	0.0	46.474	4.012	0.0	46.48	4.051
112	4116	4117	SN	1	0.0	47.375	2.085	0.0	46.962	1.775	0.0	44.219	1.36	0.0	41.334	1.492	0.0	46.877	1.91	0.0	49.475	1.679	0.0	41.833	1.233	0.0	40.215	1.328
113	4116	4117	SN	1	0.0	47.375	2.113	0.0	46.962	1.777	0.0	44.219	1.382	0.0	41.334	1.494	0.0	46.877	1.933	0.0	49.475	1.681	0.0	41.833	1.249	0.0	40.215	1.331
114	4116	4117	NS	1	0.0	46.684	4.355	0.0	50.039	3.484	0.0	41.399	2.843	0.0	45.52	2.264	0.0	48.191	3.765	0.0	51.218	3.068	0.0	39.034	2.361	0.0	43.278	2.063
115	4116	4117	NS	1	0.0	49.639	4.253	0.0	52.211	3.552	0.0	43.516	2.94	0.0	41.409	2.658	0.0	50.231	3.71	0.0	52.74	3.1	0.0	43.513	2.456	0.0	41.337	2.267
116	4116	4117	SN	1	0.0	46.685	5.376	0.0	51.566	4.906	0.0	47.943	4.282	0.0	46.156	4.246	0.0	47.792	4.886	0.0	51.122	4.509	0.0	46.474	4.012	0.0	46.48	4.051
117	4116	4117	NS	1	0.0	43.528	1.211	0.0	54.326	1.016	0.0	38.409	0.909	0.0	40.85	0.752	0.0	43.738	0.976	0.0	54.76	0.809	0.0	39.659	0.716	0.0	38.449	0.66
118	4116	4117	SN	1	0.0	46.685	5.447	0.0	51.566	4.911	0.0	47.943	4.346	0.0	46.156	4.254	0.0	47.792	4.95	0.0	51.122	4.514	0.0	46.474	4.066	0.0	46.48	4.059
119	4116	4117	SN	1	0.0	46.685	5.447	0.0	51.566	4.911	0.0	47.943	4.346	0.0	46.156	4.254	0.0	47.792	4.95	0.0	51.122	4.514	0.0	46.474	4.066	0.0	46.48	4.059
120	4116	4117	SN	1	0.0	46.685	5.447	0.0	51.566	4.911	0.0	47.943	4.346	0.0	46.156	4.254	0.0	47.792	4.95	0.0	51.122	4.514	0.0	46.474	4.066	0.0	46.48	4.059
121	4116	4117	SN	1	0.0	46.685	5.447	0.0	51.566	4.911	0.0	47.943	4.346	0.0	46.156	4.254	0.0	47.792	4.95	0.0	51.122	4.514	0.0	46.474	4.066	0.0	46.48	4.059
122	4116	4117	SN	1	0.0	47.375	2.113	0.0	46.962	1.777	0.0	44.219	1.382	0.0	41.334	1.494	0.0	46.877	1.933	0.0	49.475	1.681	0.0	41.833	1.249	0.0	40.215	1.331
123	4117	4118	NS	1	0.0	39.548	1.688	0.0	41.586	1.255	0.0	42.196	1.13	0.0	39.332	1.076	0.0	39.479	1.46	0.0	38.971	0.984	0.0	38.465	1.016	0.0	38.264	0.848
124	4117	4118	SN	1	0.0	45.541	7.119	0.0	50.141	7.767	0.0	42.25	6.076	0.0	44.173	6.711	0.0	44.979	6.918	0.0	46.289	7.197	0.0	41.176	5.913	0.0	44.217	6.56
125	4117	4118	SN	1	0.0	41.404	2.686	0.0	43.497	2.907	0.0	39.959	2.17	0.0	44.6	2.392	0.0	40.435	2.434	0.0	48.223	2.522	0.0	39.552	2.02	0.0	45.71	2.175
126	4117	4118	SN	1	0.0	45.541	7.165	0.0	50.141	7.683	0.0	42.25	6.164	0.0	44.173	6.691	0.0	44.979	6.962	0.0	46.289	7.111	0.0	41.176	5.998	0.0	44.217	6.554
127	4117	4118	SN	1	0.0	45.541	7.119	0.0	50.141	7.767	0.0	42.25	6.076	0.0	44.173	6.711	0.0	44.979	6.918	0.0	46.289	7.197	0.0	41.176	5.913	0.0	44.217	6.56
128	4117	4118	NS	1	0.0	48.993	5.29	0.0	58.794	4.293	0.0	40.904	3.703	0.0	39.156	3.532	0.0	47.241	4.898	0.0	56.559	3.77	0.0	38.06	3.305	0.0	40.366	2.905
129	4117	4118	SN	1	0.0	45.541	7.165	0.0	50.141	7.683	0.0	42.25	6.164	0.0	44.173	6.691	0.0	44.979	6.962	0.0	46.289	7.111	0.0	41.176	5.998	0.0	44.217	6.554
130	4117	4118	SN	1	0.0	41.404	2.719	0.0	43.497	2.898	0.0	39.959	2.204	0.0	44.6	2.383	0.0	40.435	2.462	0.0	48.223	2.517	0.0	39.552	2.051	0.0	45.71	2.166
131	4117	4118	NS	1	0.0	48.993	5.29	0.0	58.794	4.293	0.0	40.904	3.703	0.0	39.156	3.532	0.0	47.241	4.898	0.0	56.559	3.77	0.0	38.06	3.305	0.0	40.366	2.905
132	4118	4119	SN	1	0.0	45.568	5.814	0.0	47.349	6.528	0.0	43.868	5.135	0.0	42.439	5.744	0.0	42.474	5.169	0.0	45.556	5.869	0.0	43.194	4.939	0.0	42.087	5.131
133	4118	4119	SN	1	0.0	43.033	5.832	0.0	47.349	6.505	0.0	43.868	5.021	0.0	42.439	5.752	0.0	42.474	5.161	0.0	45.556	5.833	0.0	43.194	4.844	0.0	42.087	5.146
134	4118	4119	NS	1	0.0	52.165	4.254	0.0	51.784	4.372	0.0	41.258	3.504	0.0	45.739	3.247	0.0	50.297	3.832	0.0	51.685	3.799	0.0	43.463	3.041	0.0	46.424	2.848
135	4118	4119	SN	1	0.0	44.195	2.688	0.0	49.861	2.555	0.0	41.628	1.91	0.0	44.892	2.083	0.0	43.856	2.349	0.0	51.278	2.277	0.0	41.308	1.717	0.0	41.107	1.759
136	4118	4119	SN	1	0.0	43.033	5.832	0.0	47.349	6.505	0.0	43.868	5.021	0.0	42.439	5.752	0.0	42.474	5.161	0.0	45.556	5.833	0.0	43.194	4.844	0.0	42.087	5.146
137	4118	4119	NS	1	0.0	52.165	4.254	0.0	51.784	4.372	0.0	41.258	3.504	0.0	45.739	3.247	0.0	50.297	3.832	0.0	51.685	3.799	0.0	43.463	3.041	0.0	46.424	2.848
138	4118	4119	NS	1	0.0	53.243	1.349	0.0	52.273	1.305	0.0	42.821	0.9	0.0	42.357	0.906	0.0	48.556	1.153	0.0	49.355	1.099	0.0	41.283	0.767	0.0	40.657	0.812
139	4118	4119	SN	1	0.0	44.195	2.647	0.0	49.861	2.535	0.0	41.628	1.872	0.0	44.892	2.077	0.0	43.856	2.312	0.0	51.278	2.251	0.0	41.308	1.684	0.0	41.107	1.751

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

140	4118	4119	SN	1	0.0	45.568	5.814	0.0	47.349	6.528	0.0	43.868	5.135	0.0	42.439	5.744	0.0	42.474	5.169	0.0	45.556	5.869	0.0	43.194	4.939	0.0	42.087	5.131
141	4119	4120	NS	1	0.0	51.661	5.11	0.0	60.257	5.039	0.0	50.234	4.173	0.0	45.305	4.388	0.0	53.491	4.828	0.0	59.9	4.778	0.0	48.474	3.803	0.0	45.582	4.16
142	4119	4120	SN	1	0.0	52.117	7.141	0.0	49.369	7.221	0.0	43.896	5.658	0.0	43.774	6.236	0.0	49.883	5.98	0.0	49.728	6.559	0.0	42.592	4.977	0.0	44.463	5.414
143	4119	4120	SN	1	0.0	52.117	7.221	0.0	49.369	7.316	0.0	43.896	5.806	0.0	43.774	6.367	0.0	49.883	6.061	0.0	49.728	6.64	0.0	42.592	5.116	0.0	44.463	5.541
144	4119	4120	SN	1	0.0	52.117	7.221	0.0	49.369	7.316	0.0	43.896	5.806	0.0	43.774	6.367	0.0	49.883	6.061	0.0	49.728	6.64	0.0	42.592	5.116	0.0	44.463	5.541
145	4119	4120	NS	1	0.0	43.104	1.657	0.0	47.518	1.775	0.0	38.415	1.045	0.0	43.842	1.21	0.0	44.082	1.598	0.0	48.317	1.741	0.0	38.237	1.0	0.0	40.877	1.08
146	4119	4120	SN	1	0.0	44.916	2.989	0.0	43.14	2.771	0.0	44.875	2.163	0.0	44.071	2.354	0.0	42.409	2.327	0.0	43.502	2.345	0.0	44.087	1.69	0.0	41.016	1.989
147	4119	4120	NS	1	0.0	51.661	5.11	0.0	60.257	5.039	0.0	50.234	4.173	0.0	45.305	4.388	0.0	53.491	4.828	0.0	59.9	4.778	0.0	48.474	3.803	0.0	45.582	4.16
148	4119	4120	SN	1	0.0	52.117	7.141	0.0	49.369	7.221	0.0	43.896	5.658	0.0	43.774	6.236	0.0	49.883	5.98	0.0	49.728	6.559	0.0	42.592	4.977	0.0	44.463	5.414
149	4119	4120	SN	1	0.0	44.916	2.916	0.0	43.14	2.715	0.0	44.875	2.098	0.0	44.071	2.299	0.0	42.409	2.268	0.0	43.502	2.299	0.0	44.087	1.64	0.0	41.016	1.943
150	4120	4121	SN	1	0.0	51.135	14.008	0.0	53.761	14.408	0.0	44.844	9.466	0.0	49.841	10.113	0.0	51.674	13.399	0.0	52.763	13.939	0.0	43.767	9.2	0.0	49.409	10.15
151	4120	4121	SN	1	0.0	46.831	5.089	0.0	50.497	4.908	0.0	41.336	3.241	0.0	45.276	3.434	0.0	47.864	4.558	0.0	49.381	4.694	0.0	41.075	3.135	0.0	41.537	3.296
152	4120	4121	NS	1	0.0	52.912	8.912	0.0	50.573	8.017	0.0	52.691	7.107	0.0	47.225	6.888	0.0	51.363	8.731	0.0	51.506	7.353	0.0	51.522	6.915	0.0	47.841	6.311
153	4120	4121	NS	1	0.0	52.912	8.912	0.0	50.573	8.017	0.0	52.691	7.107	0.0	47.225	6.888	0.0	51.363	8.731	0.0	51.506	7.353	0.0	51.522	6.915	0.0	47.841	6.311
154	4120	4121	SN	1	0.0	51.135	14.008	0.0	53.761	14.408	0.0	44.844	9.466	0.0	49.841	10.113	0.0	51.674	13.399	0.0	52.763	13.939	0.0	43.767	9.2	0.0	49.409	10.15
155	4120	4121	NS	1	0.0	48.288	2.991	0.0	56.982	2.701	0.0	45.972	2.148	0.0	46.692	2.025	0.0	45.92	2.674	0.0	55.085	2.346	0.0	45.833	2.027	0.0	47.873	1.772

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

- Normal
- Deviations
- Alarming
- High Errors

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	4100	4101	SN	1	0.0	34.199	15.396	0.0	25.766	14.336	0.0	227.499	11.883	0.0	14.802	10.852	0.0	1.875	0.0	0.0	1.928	0.0	0.0	2.05	0.0	0.0	2.099	0.0
2	4100	4101	SN	1	0.0	25.832	9.122	0.0	26.819	9.058	0.0	169.167	3.076	0.0	70.575	3.397	0.0	1.871	0.0	0.0	1.928	0.0	0.0	2.043	0.0	0.0	2.099	0.0
3	4100	4101	SN	1	0.0	31.436	15.416	0.0	27.2	15.134	0.0	227.499	11.71	0.0	83.69	12.055	0.0	1.875	0.0	0.0	1.928	0.0	0.0	2.05	0.0	0.0	2.099	0.0
4	4100	4101	SN	1	0.0	34.199	15.406	0.0	27.2	15.095	0.0	227.306	11.746	0.0	83.69	11.935	0.0	1.873	0.0	0.0	1.928	0.0	0.0	2.05	0.0	0.0	2.087	0.0
5	4100	4101	SN	1	0.0	25.832	9.115	0.0	26.819	9.113	0.0	169.84	3.081	0.0	70.575	3.443	0.0	1.871	0.0	0.0	1.927	0.0	0.0	2.044	0.0	0.0	2.099	0.0
6	4100	4101	SN	1	0.0	25.832	9.11	0.0	26.819	8.86	0.0	169.84	3.12	0.0	13.082	3.128	0.0	1.871	0.0	0.0	1.927	0.0	0.0	2.044	0.0	0.0	2.099	0.0
7	4101	4102	SN	1	0.0	25.832	9.107	0.0	32.354	9.139	0.0	170.673	3.074	0.0	63.29	3.465	0.0	1.871	0.0	0.0	1.921	0.0	0.0	2.048	0.0	0.0	2.105	0.0
8	4101	4102	SN	1	0.0	25.832	9.109	0.0	32.354	9.069	0.0	170.673	3.076	0.0	63.279	3.425	0.0	1.871	0.0	0.0	1.921	0.0	0.0	2.048	0.0	0.0	2.105	0.0
9	4101	4102	NS	1	0.0	25.926	14.541	0.0	33.796	15.33	0.0	355.616	11.905	0.0	53.115	11.803	0.0	1.929	0.0	0.0	1.888	0.0	0.0	2.075	0.0	0.0	2.043	0.0
10	4101	4102	SN	1	0.0	31.954	15.425	0.0	72.817	15.241	0.0	153.609	11.808	0.0	82.19	12.208	0.0	1.872	0.0	0.0	1.933	0.0	0.0	2.052	0.0	0.0	2.112	0.0
11	4101	4102	NS	1	0.0	26.742	9.054	0.0	25.821	9.064	0.0	353.04	3.526	0.0	45.35	3.079	0.0	1.915	0.0	0.0	1.875	0.0	0.0	2.07	0.0	0.0	2.043	0.0
12	4101	4102	SN	1	0.0	39.063	15.443	0.0	72.817	15.205	0.0	153.609	11.808	0.0	82.19	12.111	0.0	1.872	0.0	0.0	1.933	0.0	0.0	2.052	0.0	0.0	2.112	0.0
13	4102	4103	SN	1	0.0	39.487	15.476	0.0	25.965	14.983	0.0	141.068	11.899	0.0	22.529	11.777	0.0	1.875	0.0	0.0	1.927	0.0	0.0	2.045	0.0	0.0	2.083	0.0
14	4102	4103	SN	1	0.0	25.849	9.093	0.0	26.819	9.107	0.0	169.162	3.128	0.0	70.366	3.425	0.0	1.871	0.0	0.0	1.924	0.0	0.0	2.043	0.0	0.0	2.091	0.0
15	4102	4103	NS	1	0.0	26.764	9.054	0.0	25.838	9.011	0.0	331.587	3.5	0.0	67.526	3.054	0.0	1.919	0.0	0.0	1.875	0.0	0.0	2.07	0.0	0.0	2.043	0.0
16	4102	4103	NS	1	0.0	26.764	9.054	0.0	25.838	9.011	0.0	331.587	3.5	0.0	67.526	3.054	0.0	1.919	0.0	0.0	1.875	0.0	0.0	2.07	0.0	0.0	2.043	0.0
17	4102	4103	SN	1	0.0	25.849	9.093	0.0	26.819	9.18	0.0	169.162	3.128	0.0	70.388	3.463	0.0	1.871	0.0	0.0	1.924	0.0	0.0	2.043	0.0	0.0	2.091	0.0
18	4102	4103	SN	1	0.0	25.849	9.09	0.0	26.819	9.064	0.0	169.162	3.142	0.0	14.532	3.317	0.0	1.871	0.0	0.0	1.924	0.0	0.0	2.043	0.0	0.0	2.091	0.0
19	4102	4103	SN	1	0.0	39.487	15.483	0.0	25.959	15.2	0.0	141.068	11.808	0.0	83.596	12.104	0.0	1.875	0.0	0.0	1.927	0.0	0.0	2.045	0.0	0.0	2.083	0.0
20	4102	4103	SN	1	0.0	31.342	15.465	0.0	25.959	15.242	0.0	141.068	11.815	0.0	83.64	12.201	0.0	1.875	0.0	0.0	1.927	0.0	0.0	2.045	0.0	0.0	2.083	0.0
21	4102	4103	NS	1	0.0	25.926	14.544	0.0	34.05	15.475	0.0	135.523	11.79	0.0	80.172	11.799	0.0	1.926	0.0	0.0	1.886	0.0	0.0	2.076	0.0	0.0	2.043	0.0
22	4102	4103	NS	1	0.0	25.926	14.544	0.0	34.05	15.475	0.0	135.523	11.79	0.0	80.172	11.799	0.0	1.926	0.0	0.0	1.886	0.0	0.0	2.076	0.0	0.0	2.043	0.0
23	4103	4104	SN	1	0.0	34.017	15.518	0.0	26.411	15.211	0.0	148.751	11.95	0.0	73.62	12.235	0.0	1.884	0.0	0.0	1.935	0.0	0.0	2.054	0.0	0.0	2.101	0.0
24	4103	4104	SN	1	0.0	31.292	15.499	0.0	26.411	15.247	0.0	148.751	11.95	0.0	73.62	12.341	0.0	1.884	0.0	0.0	1.935	0.0	0.0	2.054	0.0	0.0	2.101	0.0
25	4103	4104	NS	1	0.0	25.926	14.527	0.0	33.586	15.423	0.0	352.886	11.78	0.0	53.937	11.765	0.0	1.916	0.0	0.0	1.886	0.0	0.0	2.073	0.0	0.0	2.042	0.0
26	4103	4104	NS	1	0.0	25.926	14.527	0.0	33.586	15.423	0.0	352.886	11.78	0.0	53.937	11.765	0.0	1.916	0.0	0.0	1.886	0.0	0.0	2.073	0.0	0.0	2.042	0.0
27	4103	4104	SN	1	0.0	25.838	9.137	0.0	26.814	9.062	0.0	187.521	3.132	0.0	123.594	3.446	0.0	1.881	0.0	0.0	1.94	0.0	0.0	2.056	0.0	0.0	2.097	0.0
28	4103	4104	SN	1	0.0	25.838	9.132	0.0	26.814	9.139	0.0	187.521	3.132	0.0	123.594	3.484	0.0	1.881	0.0	0.0	1.94	0.0	0.0	2.056	0.0	0.0	2.097	0.0
29	4103	4104	SN	1	0.0	34.017	15.518	0.0	26.411	15.231	0.0	148.751	11.95	0.0	73.62	12.242	0.0	1.884	0.0	0.0	1.935	0.0	0.0	2.054	0.0	0.0	2.101	0.0
30	4103	4104	NS	1	0.0	26.764	9.069	0.0	25.832	9.007	0.0	347.713	3.483	0.0	68.281	3.043	0.0	1.915	0.0	0.0	1.874	0.0	0.0	2.07	0.0	0.0	2.042	0.0
31	4103	4104	SN	1	0.0	25.838	9.137	0.0	26.814	9.062	0.0	187.521	3.132	0.0	123.594	3.446	0.0	1.881	0.0	0.0	1.94	0.0	0.0	2.056	0.0	0.0	2.097	0.0

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

32	4103	4104	NS	1	0.0	26.764	9.069	0.0	25.832	9.007	0.0	347.713	3.483	0.0	68.281	3.043	0.0	1.915	0.0	0.0	1.874	0.0	0.0	2.07	0.0	0.0	2.042	0.0
33	4104	4105	SN	1	0.0	25.832	9.145	0.0	26.819	9.082	0.0	194.999	3.151	0.0	67.046	3.436	0.0	1.882	0.0	0.0	1.955	0.0	0.0	2.056	0.0	0.0	2.097	0.0
34	4104	4105	SN	1	0.0	33.917	15.518	0.0	26.406	15.203	0.0	186.517	11.866	0.0	79.863	12.314	0.0	1.881	0.0	0.0	1.963	0.0	0.0	2.059	0.0	0.0	2.113	0.0
35	4104	4105	SN	1	0.0	33.917	15.518	0.0	26.406	15.203	0.0	186.517	11.866	0.0	79.863	12.314	0.0	1.881	0.0	0.0	1.963	0.0	0.0	2.059	0.0	0.0	2.113	0.0
36	4104	4105	NS	1	0.0	26.748	9.048	0.0	25.827	9.01	0.0	353.437	3.478	0.0	65.176	3.028	0.0	1.918	0.0	0.0	1.875	0.0	0.0	2.069	0.0	0.0	2.042	0.0
37	4104	4105	SN	1	0.0	25.832	9.145	0.0	26.819	9.082	0.0	194.999	3.151	0.0	67.046	3.436	0.0	1.882	0.0	0.0	1.955	0.0	0.0	2.056	0.0	0.0	2.097	0.0
38	4104	4105	NS	1	0.0	25.932	14.547	0.0	33.835	15.501	0.0	353.437	11.752	0.0	75.076	11.83	0.0	1.923	0.0	0.0	1.887	0.0	0.0	2.074	0.0	0.0	2.043	0.0
39	4104	4105	NS	1	0.0	25.932	14.547	0.0	33.835	15.501	0.0	353.437	11.752	0.0	75.076	11.83	0.0	1.923	0.0	0.0	1.887	0.0	0.0	2.074	0.0	0.0	2.043	0.0
40	4104	4105	NS	1	0.0	26.748	9.048	0.0	25.827	9.01	0.0	353.437	3.478	0.0	65.176	3.028	0.0	1.918	0.0	0.0	1.875	0.0	0.0	2.069	0.0	0.0	2.042	0.0
41	4104	4105	SN	1	0.0	31.292	15.499	0.0	26.406	15.218	0.0	186.517	11.866	0.0	79.863	12.413	0.0	1.881	0.0	0.0	1.963	0.0	0.0	2.059	0.0	0.0	2.113	0.0
42	4104	4105	SN	1	0.0	25.832	9.141	0.0	26.819	9.157	0.0	194.999	3.151	0.0	67.046	3.475	0.0	1.882	0.0	0.0	1.955	0.0	0.0	2.056	0.0	0.0	2.097	0.0
43	4105	4106	NS	1	0.0	25.926	14.527	0.0	33.796	15.513	0.0	351.722	11.82	0.0	76.686	11.759	0.0	1.923	0.0	0.0	1.886	0.0	0.0	2.073	0.0	0.0	2.042	0.0
44	4105	4106	SN	1	0.0	31.242	15.513	0.0	26.4	15.237	0.0	336.098	11.849	0.0	90.104	12.368	0.0	1.896	0.0	0.0	1.938	0.0	0.0	2.068	0.0	0.0	2.116	0.0
45	4105	4106	SN	1	0.0	34.11	15.531	0.0	26.4	15.223	0.0	336.098	11.848	0.0	90.088	12.262	0.0	1.896	0.0	0.0	1.938	0.0	0.0	2.068	0.0	0.0	2.116	0.0
46	4105	4106	SN	1	0.0	25.832	9.125	0.0	26.808	9.153	0.0	301.105	3.15	0.0	65.645	3.464	0.0	1.892	0.0	0.0	1.956	0.0	0.0	2.069	0.0	0.0	2.11	0.0
47	4105	4106	SN	1	0.0	25.832	9.129	0.0	26.808	9.082	0.0	301.105	3.15	0.0	65.634	3.426	0.0	1.892	0.0	0.0	1.956	0.0	0.0	2.069	0.0	0.0	2.11	0.0
48	4105	4106	NS	1	0.0	26.759	9.067	0.0	25.832	8.998	0.0	349.163	3.476	0.0	71.392	3.031	0.0	1.917	0.0	0.0	1.875	0.0	0.0	2.068	0.0	0.0	2.042	0.0
49	4107	4108	NS	1	0.0	26.764	9.042	0.0	25.832	9.009	0.0	353.84	3.503	0.0	70.272	3.051	0.0	1.913	0.0	0.0	1.874	0.0	0.0	2.07	0.0	0.0	2.042	0.0
50	4107	4108	NS	1	0.0	25.926	14.557	0.0	33.702	15.433	0.0	352.003	11.807	0.0	37.976	11.761	0.0	1.924	0.0	0.0	1.887	0.0	0.0	2.073	0.0	0.0	2.043	0.0
51	4107	4108	SN	1	0.0	33.768	15.452	0.0	26.455	15.277	0.0	351.612	11.797	0.0	86.023	12.335	0.0	1.902	0.0	0.0	1.945	0.0	0.0	2.077	0.0	0.0	2.128	0.0
52	4107	4108	SN	1	0.0	25.838	9.15	0.0	26.814	8.899	0.0	225.718	3.142	0.0	13.082	3.121	0.0	1.897	0.0	0.0	1.964	0.0	0.0	2.076	0.0	0.0	2.127	0.0
53	4107	4108	SN	1	0.0	25.838	9.129	0.0	26.814	9.156	0.0	225.718	3.09	0.0	142.246	3.439	0.0	1.897	0.0	0.0	1.964	0.0	0.0	2.076	0.0	0.0	2.127	0.0
54	4107	4108	SN	1	0.0	37.237	15.48	0.0	25.766	14.487	0.0	351.612	12.016	0.0	14.736	11.133	0.0	1.902	0.0	0.0	1.945	0.0	0.0	2.077	0.0	0.0	2.128	0.0
55	4108	4109	NS	1	0.0	25.937	14.517	0.0	33.719	15.431	0.0	354.127	11.786	0.0	39.052	11.774	0.0	1.924	0.0	0.0	1.883	0.0	0.0	2.073	0.0	0.0	2.043	0.0
56	4108	4109	SN	1	0.0	37.971	15.451	0.0	26.45	15.331	0.0	347.977	11.753	0.0	96.83	12.151	0.0	1.924	0.0	0.0	1.952	0.0	0.0	2.094	0.0	0.0	2.162	0.0
57	4108	4109	SN	1	0.0	25.838	9.137	0.0	26.814	9.078	0.0	272.568	3.082	0.0	99.83	3.386	0.0	1.922	0.0	0.0	2.001	0.0	0.0	2.098	0.0	0.0	2.163	0.0
58	4108	4109	NS	1	0.0	26.748	9.044	0.0	25.827	9.045	0.0	352.66	3.502	0.0	71.579	3.058	0.0	1.918	0.0	0.0	1.87	0.0	0.0	2.07	0.0	0.0	2.043	0.0
59	4108	4109	NS	1	0.0	25.937	14.517	0.0	33.719	15.431	0.0	354.127	11.786	0.0	39.052	11.774	0.0	1.924	0.0	0.0	1.883	0.0	0.0	2.073	0.0	0.0	2.043	0.0
60	4108	4109	NS	1	0.0	26.748	9.044	0.0	25.827	9.045	0.0	352.66	3.502	0.0	71.579	3.058	0.0	1.918	0.0	0.0	1.87	0.0	0.0	2.07	0.0	0.0	2.043	0.0
61	4109	4110	NS	1	0.0	26.748	9.049	0.0	25.827	9.022	0.0	336.738	3.497	0.0	67.487	3.059	0.0	1.918	0.0	0.0	1.872	0.0	0.0	2.069	0.0	0.0	2.041	0.0
62	4109	4110	SN	1	0.0	25.838	9.168	0.0	26.819	9.068	0.0	260.981	3.088	0.0	207.19	3.373	0.0	1.93	0.0	0.0	2.024	0.0	0.0	2.116	0.0	0.0	2.172	0.0
63	4109	4110	NS	1	0.0	25.926	14.526	0.0	33.73	15.365	0.0	355.406	11.786	0.0	40.006	11.744	0.0	1.922	0.0	0.0	1.882	0.0	0.0	2.073	0.0	0.0	2.043	0.0
64	4109	4110	SN	1	0.0	34.259	15.536	0.0	27.117	15.254	0.0	351.827	11.73	0.0	93.603	12.086	0.0	1.93	0.0	0.0	1.971	0.0	0.0	2.112	0.0	0.0	2.18	0.0
65	4110	4111	NS	1	0.0	26.775	9.058	0.0	25.827	9.0	0.0	310.051	3.489	0.0	60.659	3.044	0.0	1.913	0.0	0.0	1.873	0.0	0.0	2.068	0.0	0.0	2.042	0.0
66	4110	4111	SN	1	0.0	34.138	15.506	0.0	27.117	15.235	0.0	176.541	11.802	0.0	94.216	12.164	0.0	1.908	0.0	0.0	1.956	0.0	0.0	2.088	0.0	0.0	2.147	0.0
67	4110	4111	SN	1	0.0	25.843	9.136	0.0	26.83	9.061	0.0	185.723	3.104	0.0	65.469	3.385	0.0	1.91	0.0	0.0	1.984	0.0	0.0	2.089	0.0	0.0	2.139	0.0
68	4110	4111	NS	1	0.0	25.909	14.576	0.0	33.768	15.402	0.0	141.722	11.82	0.0	78.103	11.732	0.0	1.928	0.0	0.0	1.885	0.0	0.0	2.073	0.0	0.0	2.043	0.0

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

69	4111	4112	NS	1	0.0	26.775	9.034	0.0	25.832	9.013	0.0	352.467	3.485	0.0	67.178	3.044	0.0	1.917	0.0	0.0	1.873	0.0	0.0	2.067	0.0	0.0	2.042	0.0
70	4111	4112	SN	1	0.0	34.221	15.486	0.0	26.389	15.245	0.0	199.693	11.843	0.0	84.129	12.136	0.0	1.916	0.0	0.0	1.958	0.0	0.0	2.096	0.0	0.0	2.159	0.0
71	4111	4112	SN	1	0.0	25.849	9.136	0.0	26.814	9.094	0.0	214.644	3.141	0.0	70.178	3.406	0.0	1.918	0.0	0.0	2.0	0.0	0.0	2.097	0.0	0.0	2.151	0.0
72	4111	4112	NS	1	0.0	25.932	14.599	0.0	33.768	15.432	0.0	140.415	11.82	0.0	79.62	11.731	0.0	1.931	0.0	0.0	1.884	0.0	0.0	2.074	0.0	0.0	2.042	0.0
73	4112	4113	SN	1	0.0	34.165	15.486	0.0	25.959	15.225	0.0	171.114	11.772	0.0	80.006	12.142	0.0	1.913	0.0	0.0	1.961	0.0	0.0	2.097	0.0	0.0	2.163	0.0
74	4112	4113	SN	1	0.0	25.849	9.148	0.0	26.814	9.083	0.0	206.046	3.148	0.0	71.634	3.419	0.0	1.916	0.0	0.0	2.008	0.0	0.0	2.095	0.0	0.0	2.154	0.0
75	4112	4113	NS	1	0.0	26.77	9.039	0.0	25.821	9.008	0.0	322.685	3.494	0.0	68.761	3.051	0.0	1.913	0.0	0.0	1.872	0.0	0.0	2.068	0.0	0.0	2.042	0.0
76	4112	4113	NS	1	0.0	25.932	14.678	0.0	31.094	14.864	0.0	329.971	12.177	0.0	14.984	11.407	0.0	1.932	0.0	0.0	1.884	0.0	0.0	2.076	0.0	0.0	2.042	0.0
77	4112	4113	NS	1	0.0	25.932	14.556	0.0	33.73	15.361	0.0	329.971	11.805	0.0	81.605	11.781	0.0	1.932	0.0	0.0	1.884	0.0	0.0	2.076	0.0	0.0	2.042	0.0
78	4112	4113	NS	1	0.0	26.77	9.189	0.0	25.821	9.034	0.0	322.685	3.603	0.0	12.872	3.003	0.0	1.913	0.0	0.0	1.872	0.0	0.0	2.068	0.0	0.0	2.042	0.0
79	4113	4114	SN	1	0.0	25.843	9.145	0.0	26.808	9.103	0.0	163.018	3.157	0.0	57.251	3.419	0.0	1.923	0.0	0.0	2.012	0.0	0.0	2.099	0.0	0.0	2.158	0.0
80	4113	4114	NS	1	0.0	25.926	15.078	0.0	31.088	14.565	0.0	332.348	12.892	0.0	13.992	11.378	0.0	1.93	0.0	0.0	1.887	0.0	0.0	2.074	0.0	0.0	2.042	0.0
81	4113	4114	NS	1	0.0	26.731	9.539	0.0	25.821	9.236	0.0	327.092	3.829	0.0	12.872	3.195	0.0	1.916	0.0	0.0	1.874	0.0	0.0	2.07	0.0	0.0	2.043	0.0
82	4113	4114	NS	1	0.0	26.731	9.042	0.0	25.821	9.006	0.0	327.092	3.496	0.0	79.83	3.046	0.0	1.916	0.0	0.0	1.874	0.0	0.0	2.07	0.0	0.0	2.043	0.0
83	4113	4114	SN	1	0.0	34.099	15.482	0.0	25.959	15.287	0.0	154.039	11.87	0.0	83.357	12.153	0.0	1.92	0.0	0.0	1.955	0.0	0.0	2.101	0.0	0.0	2.167	0.0
84	4113	4114	NS	1	0.0	25.926	14.6	0.0	33.752	15.36	0.0	332.348	11.791	0.0	36.901	11.776	0.0	1.93	0.0	0.0	1.887	0.0	0.0	2.074	0.0	0.0	2.042	0.0
85	4114	4115	NS	1	0.0	25.926	14.491	0.0	33.686	15.455	0.0	331.002	11.761	0.0	68.32	11.835	0.0	1.925	0.0	0.0	1.886	0.0	0.0	2.075	0.0	0.0	2.043	0.0
86	4114	4115	SN	1	0.0	31.755	15.416	0.0	26.406	15.366	0.0	202.003	11.815	0.0	84.269	12.28	0.0	1.921	0.0	0.0	1.959	0.0	0.0	2.103	0.0	0.0	2.17	0.0
87	4114	4115	SN	1	0.0	38.886	15.49	0.0	25.601	14.465	0.0	202.003	12.023	0.0	14.725	10.865	0.0	1.921	0.0	0.0	1.959	0.0	0.0	2.103	0.0	0.0	2.17	0.0
88	4114	4115	NS	1	0.0	26.759	9.056	0.0	25.827	9.007	0.0	353.128	3.509	0.0	68.088	3.038	0.0	1.923	0.0	0.0	1.873	0.0	0.0	2.07	0.0	0.0	2.042	0.0
89	4114	4115	SN	1	0.0	25.832	9.161	0.0	26.819	8.858	0.0	173.32	3.221	0.0	13.087	3.109	0.0	1.922	0.0	0.0	2.013	0.0	0.0	2.107	0.0	0.0	2.163	0.0
90	4114	4115	SN	1	0.0	25.832	9.138	0.0	26.819	9.16	0.0	173.32	3.161	0.0	71.05	3.446	0.0	1.922	0.0	0.0	2.013	0.0	0.0	2.107	0.0	0.0	2.163	0.0
91	4114	4115	NS	1	0.0	26.759	9.937	0.0	25.827	9.504	0.0	353.128	4.092	0.0	12.883	3.397	0.0	1.923	0.0	0.0	1.873	0.0	0.0	2.07	0.0	0.0	2.042	0.0
92	4114	4115	NS	1	0.0	25.926	15.27	0.0	31.088	14.492	0.0	331.002	13.693	0.0	13.992	11.649	0.0	1.925	0.0	0.0	1.886	0.0	0.0	2.075	0.0	0.0	2.043	0.0
93	4115	4116	SN	1	0.0	31.391	15.487	0.0	26.4	15.209	0.0	169.437	11.846	0.0	78.443	12.312	0.0	1.933	0.0	0.0	1.97	0.0	0.0	2.113	0.0	0.0	2.176	0.0
94	4115	4116	SN	1	0.0	25.832	9.142	0.0	26.814	9.152	0.0	179.116	3.157	0.0	93.741	3.462	0.0	1.931	0.0	0.0	2.029	0.0	0.0	2.115	0.0	0.0	2.176	0.0
95	4115	4116	SN	1	0.0	25.832	9.147	0.0	26.814	9.082	0.0	179.116	3.157	0.0	93.741	3.423	0.0	1.931	0.0	0.0	2.029	0.0	0.0	2.115	0.0	0.0	2.176	0.0
96	4115	4116	NS	1	0.0	26.759	9.055	0.0	25.827	9.02	0.0	347.762	3.496	0.0	68.612	3.048	0.0	1.919	0.0	0.0	1.874	0.0	0.0	2.067	0.0	0.0	2.042	0.0
97	4115	4116	NS	1	0.0	26.759	9.055	0.0	25.827	9.02	0.0	347.762	3.496	0.0	68.612	3.048	0.0	1.919	0.0	0.0	1.874	0.0	0.0	2.067	0.0	0.0	2.042	0.0
98	4115	4116	NS	1	0.0	25.926	14.557	0.0	34.028	15.354	0.0	351.165	11.785	0.0	49.657	11.737	0.0	1.915	0.0	0.0	1.885	0.0	0.0	2.074	0.0	0.0	2.042	0.0
99	4115	4116	NS	1	0.0	25.926	14.557	0.0	34.028	15.354	0.0	351.165	11.785	0.0	49.657	11.737	0.0	1.915	0.0	0.0	1.885	0.0	0.0	2.074	0.0	0.0	2.042	0.0
100	4115	4116	SN	1	0.0	33.983	15.506	0.0	26.4	15.176	0.0	169.437	11.846	0.0	78.443	12.207	0.0	1.933	0.0	0.0	1.97	0.0	0.0	2.113	0.0	0.0	2.176	0.0
101	4115	4116	SN	1	0.0	33.983	15.477	0.0	25.965	14.759	0.0	169.437	11.976	0.0	78.443	11.584	0.0	1.933	0.0	0.0	1.97	0.0	0.0	2.113	0.0	0.0	2.176	0.0
102	4115	4116	NS	1	0.0	25.926	14.557	0.0	34.028	15.354	0.0	351.165	11.785	0.0	49.657	11.737	0.0	1.915	0.0	0.0	1.885	0.0	0.0	2.074	0.0	0.0	2.042	0.0
103	4115	4116	NS	1	0.0	25.926	14.557	0.0	34.028	15.354	0.0	351.165	11.785	0.0	49.657	11.737	0.0	1.915	0.0	0.0	1.885	0.0	0.0	2.074	0.0	0.0	2.042	0.0
104	4115	4116	SN	1	0.0	33.983	15.506	0.0	26.4	15.176	0.0	169.437	11.846	0.0	78.443	12.207	0.0	1.933	0.0	0.0	1.97	0.0	0.0	2.113	0.0	0.0	2.176	0.0
105	4115	4116	SN	1	0.0	31.391	15.487	0.0	26.4	15.209	0.0	169.437	11.846	0.0	78.443	12.312	0.0	1.933	0.0	0.0	1.97	0.0	0.0	2.113	0.0	0.0	2.176	0.0

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

106	4115	4116	SN	1	0.0	33.983	15.477	0.0	25.965	14.759	0.0	169.437	11.976	0.0	78.443	11.584	0.0	1.933	0.0	0.0	1.97	0.0	0.0	2.113	0.0	0.0	2.176	0.0
107	4115	4116	SN	1	0.0	25.832	9.15	0.0	26.814	8.994	0.0	179.116	3.197	0.0	13.898	3.229	0.0	1.931	0.0	0.0	2.029	0.0	0.0	2.115	0.0	0.0	2.176	0.0
108	4116	4117	NS	1	0.0	25.926	14.599	0.0	33.829	15.481	0.0	346.698	11.76	0.0	75.318	11.753	0.0	1.932	0.0	0.0	1.885	0.0	0.0	2.073	0.0	0.0	2.042	0.0
109	4116	4117	NS	1	0.0	26.775	8.959	0.0	25.832	8.878	0.0	348.363	3.388	0.0	69.092	2.913	0.0	1.914	0.0	0.0	1.872	0.0	0.0	2.068	0.0	0.0	2.042	0.0
110	4116	4117	NS	1	0.0	25.926	14.53	0.0	34.066	15.319	0.0	351.435	11.538	0.0	54.676	11.427	0.0	1.917	0.0	0.0	1.883	0.0	0.0	2.073	0.0	0.0	2.041	0.0
111	4116	4117	SN	1	0.0	31.276	15.579	0.0	26.406	15.167	0.0	168.45	11.903	0.0	75.445	12.319	0.0	1.94	0.0	0.0	1.976	0.0	0.0	2.123	0.0	0.0	2.19	0.0
112	4116	4117	SN	1	0.0	25.838	9.147	0.0	26.814	9.184	0.0	179.602	3.171	0.0	130.863	3.496	0.0	1.941	0.0	0.0	2.053	0.0	0.0	2.126	0.0	0.0	2.191	0.0
113	4116	4117	SN	1	0.0	25.838	9.154	0.0	26.814	9.068	0.0	179.602	3.19	0.0	14.742	3.342	0.0	1.941	0.0	0.0	2.053	0.0	0.0	2.126	0.0	0.0	2.191	0.0
114	4116	4117	NS	1	0.0	25.926	14.53	0.0	34.066	15.319	0.0	351.435	11.538	0.0	54.676	11.427	0.0	1.917	0.0	0.0	1.883	0.0	0.0	2.073	0.0	0.0	2.041	0.0
115	4116	4117	NS	1	0.0	25.926	14.599	0.0	33.829	15.481	0.0	346.698	11.76	0.0	75.318	11.753	0.0	1.932	0.0	0.0	1.885	0.0	0.0	2.073	0.0	0.0	2.042	0.0
116	4116	4117	SN	1	0.0	31.276	15.579	0.0	26.406	15.167	0.0	168.45	11.903	0.0	75.445	12.319	0.0	1.94	0.0	0.0	1.976	0.0	0.0	2.123	0.0	0.0	2.19	0.0
117	4116	4117	NS	1	0.0	26.742	9.048	0.0	25.832	8.981	0.0	353.465	3.491	0.0	65.424	3.021	0.0	1.916	0.0	0.0	1.872	0.0	0.0	2.068	0.0	0.0	2.042	0.0
118	4116	4117	SN	1	0.0	33.989	15.591	0.0	25.965	14.938	0.0	168.45	11.989	0.0	22.898	11.889	0.0	1.94	0.0	0.0	1.976	0.0	0.0	2.123	0.0	0.0	2.19	0.0
119	4116	4117	SN	1	0.0	33.989	15.591	0.0	25.965	14.938	0.0	168.45	11.989	0.0	22.898	11.889	0.0	1.94	0.0	0.0	1.976	0.0	0.0	2.123	0.0	0.0	2.19	0.0
120	4116	4117	SN	1	0.0	33.989	15.591	0.0	25.965	14.938	0.0	168.45	11.989	0.0	22.898	11.889	0.0	1.94	0.0	0.0	1.976	0.0	0.0	2.123	0.0	0.0	2.19	0.0
121	4116	4117	SN	1	0.0	33.989	15.591	0.0	25.965	14.938	0.0	168.45	11.989	0.0	22.898	11.889	0.0	1.94	0.0	0.0	1.976	0.0	0.0	2.123	0.0	0.0	2.19	0.0
122	4116	4117	SN	1	0.0	25.838	9.154	0.0	26.814	9.068	0.0	179.602	3.19	0.0	14.742	3.342	0.0	1.941	0.0	0.0	2.053	0.0	0.0	2.126	0.0	0.0	2.191	0.0
123	4117	4118	NS	1	0.0	26.764	9.061	0.0	25.816	8.976	0.0	346.858	3.425	0.0	70.002	3.002	0.0	1.914	0.0	0.0	1.873	0.0	0.0	2.07	0.0	0.0	2.042	0.0
124	4117	4118	SN	1	0.0	31.253	15.549	0.0	26.406	15.077	0.0	163.238	11.946	0.0	81.986	12.355	0.0	1.946	0.0	0.0	1.977	0.0	0.0	2.124	0.0	0.0	2.196	0.0
125	4117	4118	SN	1	0.0	25.843	9.127	0.0	26.803	9.168	0.0	169.658	3.178	0.0	132.501	3.552	0.0	1.951	0.0	0.0	2.039	0.0	0.0	2.125	0.0	0.0	2.194	0.0
126	4117	4118	SN	1	0.0	34.105	15.561	0.0	25.959	14.804	0.0	163.238	12.061	0.0	21.078	11.869	0.0	1.946	0.0	0.0	1.977	0.0	0.0	2.124	0.0	0.0	2.196	0.0
127	4117	4118	SN	1	0.0	31.253	15.549	0.0	26.406	15.077	0.0	163.238	11.946	0.0	81.986	12.355	0.0	1.946	0.0	0.0	1.977	0.0	0.0	2.124	0.0	0.0	2.196	0.0
128	4117	4118	NS	1	0.0	25.937	14.613	0.0	34.778	15.423	0.0	356.046	11.701	0.0	55.106	11.678	0.0	1.933	0.0	0.0	1.884	0.0	0.0	2.074	0.0	0.0	2.043	0.0
129	4117	4118	SN	1	0.0	34.105	15.561	0.0	25.959	14.804	0.0	163.238	12.061	0.0	21.078	11.869	0.0	1.946	0.0	0.0	1.977	0.0	0.0	2.124	0.0	0.0	2.196	0.0
130	4117	4118	SN	1	0.0	25.843	9.13	0.0	26.803	9.041	0.0	169.658	3.198	0.0	100.902	3.376	0.0	1.951	0.0	0.0	2.039	0.0	0.0	2.125	0.0	0.0	2.194	0.0
131	4117	4118	NS	1	0.0	25.937	14.613	0.0	34.778	15.423	0.0	356.046	11.701	0.0	55.106	11.678	0.0	1.933	0.0	0.0	1.884	0.0	0.0	2.074	0.0	0.0	2.043	0.0
132	4118	4119	SN	1	0.0	34.154	15.599	0.0	25.965	14.6	0.0	146.374	12.14	0.0	18.685	11.699	0.0	1.952	0.0	0.0	1.977	0.0	0.0	2.127	0.0	0.0	2.207	0.0
133	4118	4119	SN	1	0.0	31.138	15.593	0.0	25.965	14.995	0.0	146.374	12.013	0.0	83.376	12.354	0.0	1.952	0.0	0.0	1.977	0.0	0.0	2.127	0.0	0.0	2.207	0.0
134	4118	4119	NS	1	0.0	25.926	14.633	0.0	37.827	15.388	0.0	351.865	11.721	0.0	55.608	11.657	0.0	1.932	0.0	0.0	1.882	0.0	0.0	2.072	0.0	0.0	2.042	0.0
135	4118	4119	SN	1	0.0	25.843	9.15	0.0	26.808	9.037	0.0	197.266	3.227	0.0	13.914	3.367	0.0	1.95	0.0	0.0	2.052	0.0	0.0	2.132	0.0	0.0	2.192	0.0
136	4118	4119	SN	1	0.0	31.138	15.593	0.0	25.965	14.995	0.0	146.374	12.013	0.0	83.376	12.354	0.0	1.952	0.0	0.0	1.977	0.0	0.0	2.127	0.0	0.0	2.207	0.0
137	4118	4119	NS	1	0.0	25.926	14.633	0.0	37.827	15.388	0.0	351.865	11.721	0.0	55.608	11.657	0.0	1.932	0.0	0.0	1.882	0.0	0.0	2.072	0.0	0.0	2.042	0.0
138	4118	4119	NS	1	0.0	26.781	9.04	0.0	25.821	8.99	0.0	349.273	3.433	0.0	70.928	2.993	0.0	1.913	0.0	0.0	1.873	0.0	0.0	2.068	0.0	0.0	2.041	0.0
139	4118	4119	SN	1	0.0	25.843	9.143	0.0	26.808	9.178	0.0	197.266	3.19	0.0	62.375	3.583	0.0	1.95	0.0	0.0	2.052	0.0	0.0	2.132	0.0	0.0	2.192	0.0
140	4118	4119	SN	1	0.0	34.154	15.599	0.0	25.965	14.6	0.0	146.374	12.14	0.0	18.685	11.699	0.0	1.952	0.0	0.0	1.977	0.0	0.0	2.127	0.0	0.0	2.207	0.0
141	4119	4120	NS	1	0.0	25.926	14.626	0.0	33.641	15.419	0.0	353.889	11.743	0.0	37.574	11.661	0.0	1.928	0.0	0.0	1.885	0.0	0.0	2.073	0.0	0.0	2.049	0.0
142	4119	4120	SN	1	0.0	31.568	15.515	0.0	25.932	15.034	0.0	213.436	11.99	0.0	81.423	12.371	0.0	1.958	0.0	0.0	2.003	0.0	0.0	2.131	0.0	0.0	2.189	0.0

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

143	4119	4120	SN	1	0.0	34.127	15.53	0.0	25.876	14.466	0.0	213.436	12.139	0.0	16.749	11.524	0.0	1.958	0.0	0.0	2.003	0.0	0.0	2.131	0.0	0.0	2.189	0.0
144	4119	4120	SN	1	0.0	34.127	15.53	0.0	25.876	14.466	0.0	213.436	12.139	0.0	16.749	11.524	0.0	1.958	0.0	0.0	2.003	0.0	0.0	2.131	0.0	0.0	2.189	0.0
145	4119	4120	NS	1	0.0	26.759	9.049	0.0	25.816	8.973	0.0	353.889	3.43	0.0	73.421	3.003	0.0	1.916	0.0	0.0	1.875	0.0	0.0	2.075	0.0	0.0	2.048	0.0
146	4119	4120	SN	1	0.0	25.849	9.145	0.0	26.808	8.99	0.0	185.525	3.234	0.0	13.407	3.331	0.0	1.954	0.0	0.0	2.051	0.0	0.0	2.13	0.0	0.0	2.2	0.0
147	4119	4120	NS	1	0.0	25.926	14.626	0.0	33.641	15.419	0.0	353.889	11.743	0.0	37.574	11.661	0.0	1.928	0.0	0.0	1.885	0.0	0.0	2.073	0.0	0.0	2.049	0.0
148	4119	4120	SN	1	0.0	31.568	15.515	0.0	25.932	15.034	0.0	213.436	11.99	0.0	81.423	12.371	0.0	1.958	0.0	0.0	2.003	0.0	0.0	2.131	0.0	0.0	2.189	0.0
149	4119	4120	SN	1	0.0	25.849	9.131	0.0	26.808	9.179	0.0	185.525	3.196	0.0	148.356	3.592	0.0	1.954	0.0	0.0	2.051	0.0	0.0	2.13	0.0	0.0	2.2	0.0
150	4120	4121	SN	1	0.0	34.099	15.59	0.0	25.943	14.816	0.0	335.453	12.152	0.0	21.784	12.021	0.0	1.951	0.0	0.0	1.989	0.0	0.0	2.128	0.0	0.0	2.197	0.0
151	4120	4121	SN	1	0.0	25.849	9.173	0.0	26.803	9.061	0.0	246.73	3.218	0.0	15.243	3.452	0.0	1.961	0.0	0.0	2.062	0.0	0.0	2.137	0.0	0.0	2.222	0.0
152	4120	4121	NS	1	0.0	25.932	14.665	0.0	33.625	15.431	0.0	354.088	11.722	0.0	37.849	11.654	0.0	1.93	0.0	0.0	1.884	0.0	0.0	2.073	0.0	0.0	2.041	0.0
153	4120	4121	NS	1	0.0	25.932	14.665	0.0	33.625	15.431	0.0	354.088	11.722	0.0	37.849	11.654	0.0	1.93	0.0	0.0	1.884	0.0	0.0	2.073	0.0	0.0	2.041	0.0
154	4120	4121	SN	1	0.0	34.099	15.59	0.0	25.943	14.816	0.0	335.453	12.152	0.0	21.784	12.021	0.0	1.951	0.0	0.0	1.989	0.0	0.0	2.128	0.0	0.0	2.197	0.0
155	4120	4121	NS	1	0.0	26.786	9.033	0.0	25.832	8.984	0.0	352.66	3.445	0.0	70.074	3.001	0.0	1.92	0.0	0.0	1.874	0.0	0.0	2.069	0.0	0.0	2.041	0.0

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