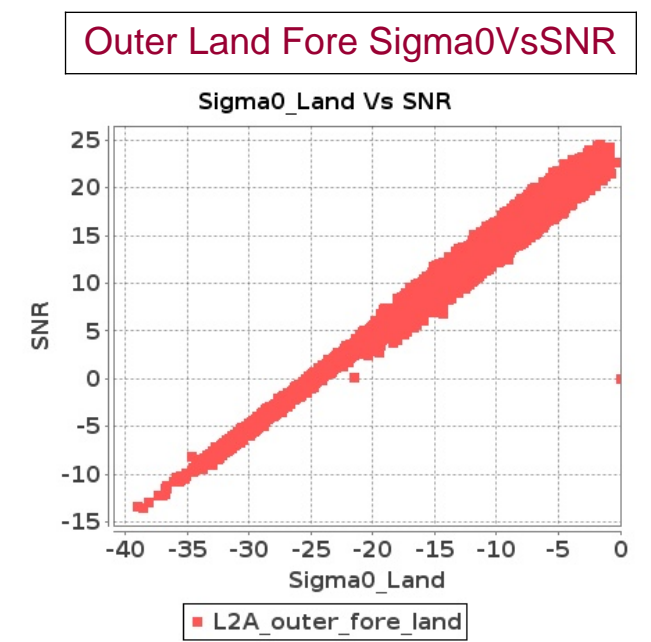
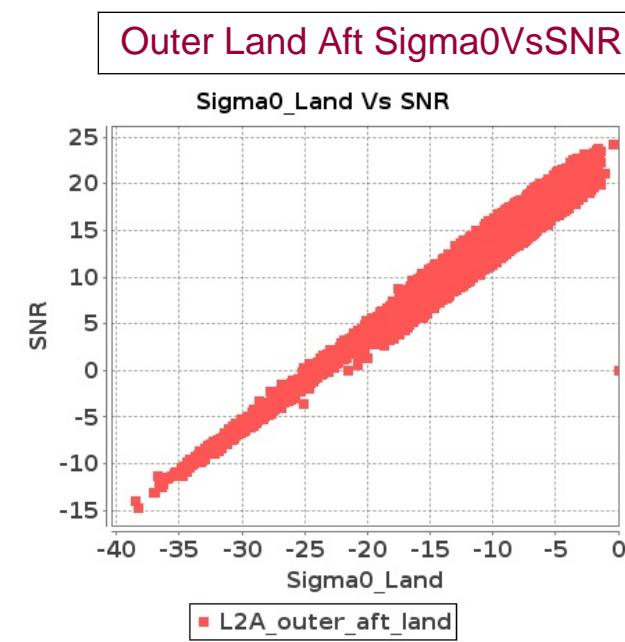
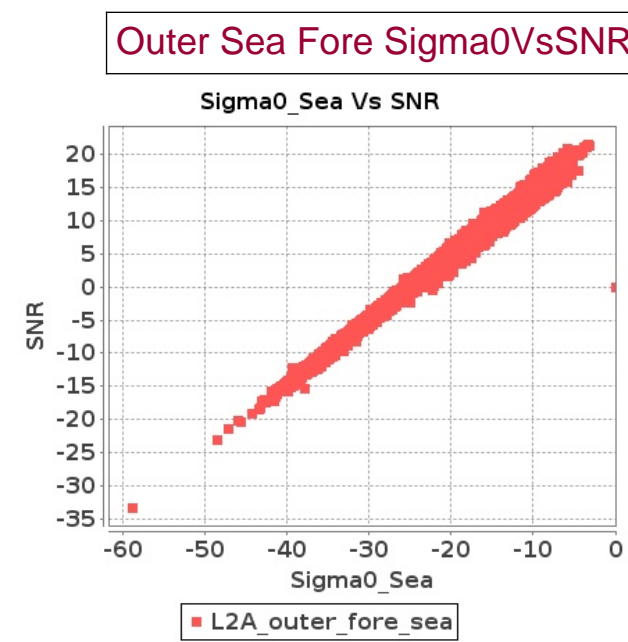
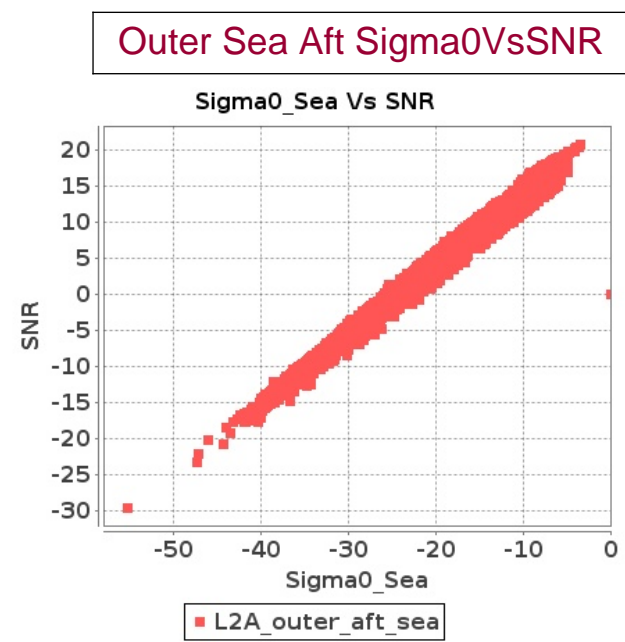
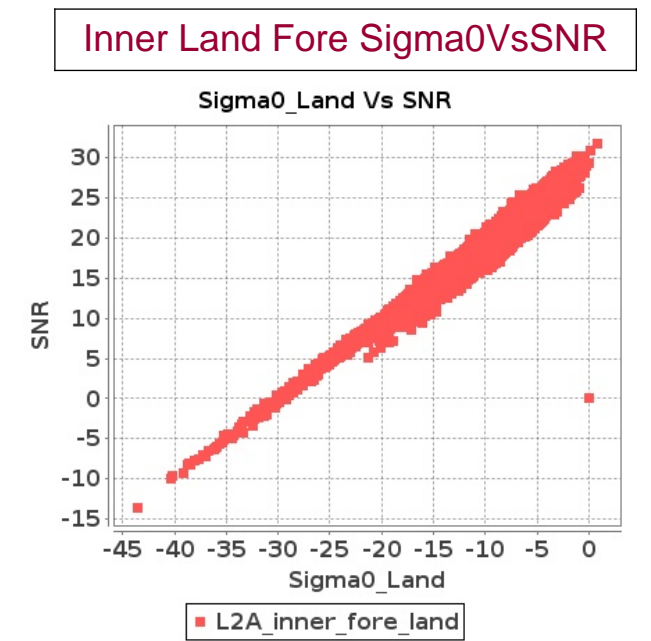
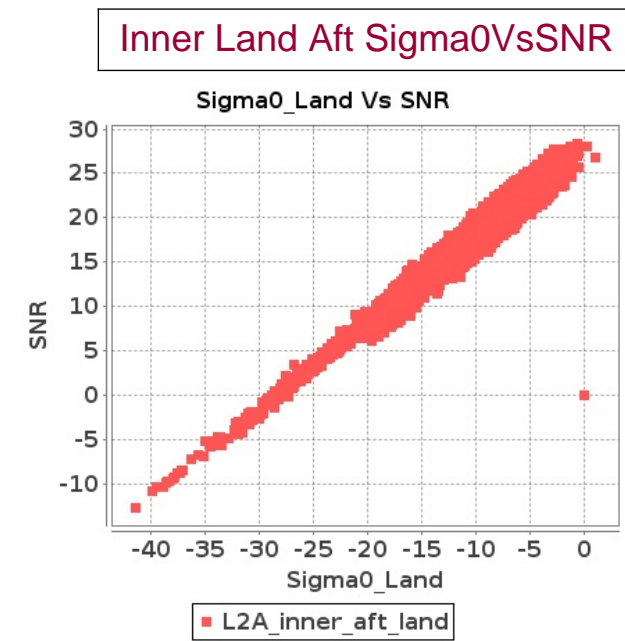
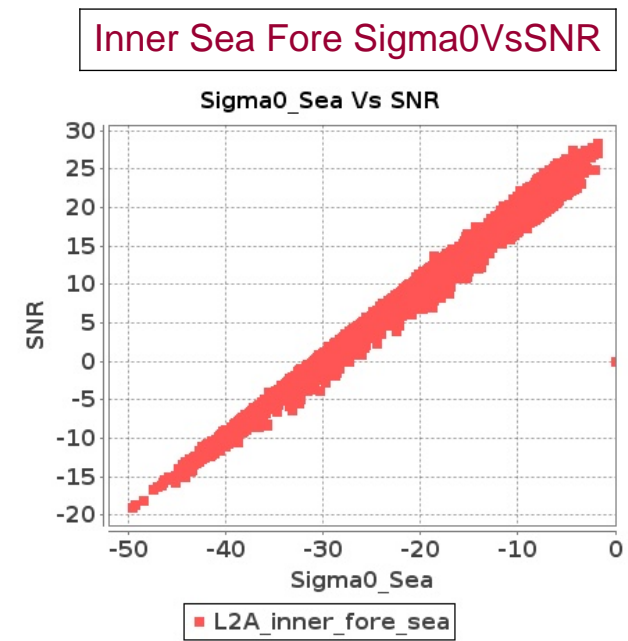
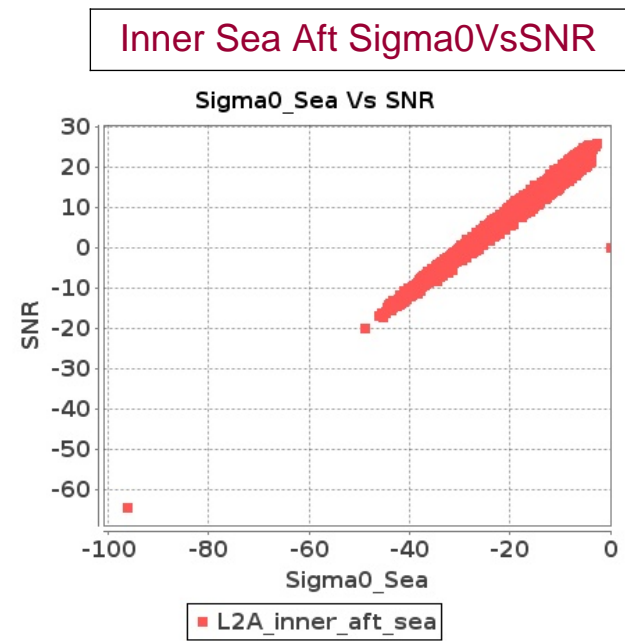


SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 16-AUG-2017 To 17-AUG-2017



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

Report between 16-AUG-2017 To 17-AUG-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	4695	4696	SN	1	0.0	47.925	2.205	0.0	50.035	2.047	0.0	40.092	1.403	0.0	43.276	1.369	0.0	50.651	1.924	0.0	51.15	1.799	0.0	41.096	1.209	0.0	40.68	1.176
2	4695	4696	NS	1	0.0	54.114	11.337	0.0	62.428	10.391	0.0	49.769	7.092	0.0	50.381	7.015	0.0	51.252	10.565	0.0	59.9	9.731	0.0	48.404	6.779	0.0	49.525	6.544
3	4695	4696	SN	1	0.0	47.925	2.243	0.0	50.035	2.085	0.0	40.092	1.405	0.0	43.276	1.369	0.0	50.651	1.961	0.0	51.15	1.834	0.0	41.096	1.216	0.0	40.68	1.168
4	4695	4696	SN	1	0.0	53.455	7.618	0.0	50.055	6.803	0.0	45.111	4.929	0.0	45.239	4.972	0.0	53.925	6.861	0.0	49.592	6.266	0.0	44.047	4.554	0.0	45.937	4.405
5	4695	4696	NS	1	0.0	54.736	3.484	0.0	64.106	2.97	0.0	46.753	2.066	0.0	42.676	2.096	0.0	52.218	3.027	0.0	60.884	2.687	0.0	45.257	1.854	0.0	40.686	1.901
6	4695	4696	NS	1	0.0	54.114	11.337	0.0	62.428	10.391	0.0	49.769	7.092	0.0	50.381	7.015	0.0	51.252	10.565	0.0	59.9	9.731	0.0	48.404	6.779	0.0	49.525	6.544
7	4695	4696	SN	1	0.0	53.455	7.723	0.0	50.055	6.902	0.0	45.111	4.973	0.0	45.239	5.047	0.0	53.925	6.971	0.0	49.592	6.365	0.0	44.047	4.59	0.0	45.937	4.468
8	4695	4696	NS	1	0.0	54.736	3.484	0.0	64.106	2.97	0.0	46.753	2.066	0.0	42.676	2.096	0.0	52.218	3.027	0.0	60.884	2.687	0.0	45.257	1.854	0.0	40.686	1.901
9	4695	4696	SN	1	0.0	47.925	2.205	0.0	50.035	2.047	0.0	40.092	1.405	0.0	43.276	1.369	0.0	50.651	1.924	0.0	51.15	1.799	0.0	41.096	1.209	0.0	40.68	1.176
10	4695	4696	SN	1	0.0	53.455	7.618	0.0	50.055	6.803	0.0	45.111	4.922	0.0	45.239	4.972	0.0	53.925	6.861	0.0	49.592	6.266	0.0	44.047	4.547	0.0	45.937	4.405
11	4696	4697	SN	1	0.0	48.316	6.1	0.0	47.153	5.096	0.0	42.012	3.746	0.0	43.658	4.095	0.0	45.149	5.445	0.0	48.862	4.645	0.0	43.759	3.402	0.0	41.471	3.485
12	4696	4697	SN	1	0.0	45.293	6.028	0.0	45.094	5.168	0.0	42.276	3.71	0.0	43.667	4.067	0.0	44.62	5.434	0.0	48.857	4.675	0.0	43.597	3.38	0.0	41.62	3.535
13	4696	4697	SN	1	0.0	45.293	5.955	0.0	45.094	5.115	0.0	42.276	3.742	0.0	43.667	4.025	0.0	44.62	5.369	0.0	48.857	4.628	0.0	43.597	3.423	0.0	41.62	3.499
14	4696	4697	SN	1	0.0	50.329	1.803	0.0	48.862	1.523	0.0	39.845	1.211	0.0	41.678	1.315	0.0	47.257	1.498	0.0	50.729	1.329	0.0	39.489	1.06	0.0	40.91	1.062
15	4696	4697	SN	1	0.0	47.617	1.803	0.0	49.171	1.504	0.0	42.988	1.193	0.0	42.702	1.293	0.0	45.762	1.488	0.0	51.038	1.312	0.0	39.382	1.047	0.0	43.401	1.029
16	4696	4697	SN	1	0.0	47.617	1.821	0.0	49.171	1.519	0.0	42.988	1.196	0.0	42.702	1.308	0.0	45.762	1.502	0.0	51.038	1.327	0.0	39.382	1.044	0.0	43.401	1.041
17	4696	4697	NS	1	0.0	48.457	5.144	0.0	49.269	3.602	0.0	44.987	2.958	0.0	36.681	3.202	0.0	50.357	4.373	0.0	48.7	3.174	0.0	43.786	2.638	0.0	40.709	2.817
18	4696	4697	NS	1	0.0	43.239	5.167	0.0	48.242	4.087	0.0	45.372	2.874	0.0	42.94	3.001	0.0	43.607	4.375	0.0	48.263	3.61	0.0	43.998	2.639	0.0	38.419	2.723
19	4696	4697	NS	1	0.0	43.41	1.617	0.0	40.388	1.214	0.0	41.842	1.007	0.0	45.134	0.838	0.0	39.685	1.42	0.0	40.796	1.062	0.0	42.209	0.881	0.0	41.194	0.717
20	4696	4697	NS	1	0.0	43.87	1.634	0.0	44.431	1.16	0.0	42.58	0.98	0.0	36.46	0.906	0.0	41.96	1.429	0.0	45.008	0.938	0.0	41.379	0.838	0.0	35.627	0.739
21	4697	4698	SN	1	0.0	43.738	2.786	0.0	41.839	2.11	0.0	38.338	1.97	0.0	37.919	2.077	0.0	44.741	2.423	0.0	43.113	1.787	0.0	38.054	1.79	0.0	36.659	1.906
22	4697	4698	SN	1	0.0	43.738	2.762	0.0	41.839	2.136	0.0	38.338	1.945	0.0	37.919	2.075	0.0	44.741	2.404	0.0	43.113	1.805	0.0	38.054	1.767	0.0	36.659	1.903
23	4697	4698	SN	1	0.0	43.738	2.764	0.0	41.839	2.132	0.0	38.338	1.945	0.0	37.919	2.074	0.0	44.741	2.406	0.0	43.113	1.801	0.0	38.054	1.766	0.0	36.659	1.904
24	4697	4698	NS	1	0.0	42.055	1.982	0.0	43.904	1.67	0.0	36.682	1.263	0.0	46.701	1.002	0.0	40.384	1.839	0.0	44.679	1.604	0.0	37.585	1.199	0.0	44.523	1.013
25	4697	4698	SN	1	0.0	47.057	7.876	0.0	47.159	5.87	0.0	41.466	5.642	0.0	42.227	5.773	0.0	47.064	6.754	0.0	45.522	5.303	0.0	39.16	5.316	0.0	41.649	5.219
26	4697	4698	SN	1	0.0	47.057	7.871	0.0	47.159	5.87	0.0	41.466	5.645	0.0	42.227	5.773	0.0	47.064	6.737	0.0	45.522	5.303	0.0	39.16	5.319	0.0	41.649	5.219
27	4697	4698	NS	1	0.0	42.055	1.982	0.0	43.904	1.67	0.0	36.682	1.263	0.0	46.701	1.002	0.0	40.384	1.839	0.0	44.679	1.604	0.0	37.585	1.199	0.0	44.523	1.013
28	4697	4698	SN	1	0.0	47.057	7.894	0.0	47.159	5.745	0.0	41.466	5.712	0.0	42.027	5.726	0.0	47.064	6.753	0.0	45.522	5.199	0.0	39.16	5.38	0.0	41.649	5.192
29	4697	4698	NS	1	0.0	50.995	6.295	0.0	47.071	5.626	0.0	48.559	3.855	0.0	45.816	3.016	0.0	53.462	5.767	0.0	46.173	5.158	0.0	52.282	3.592	0.0	46.416	2.881
30	4697	4698	NS	1	0.0	50.995	6.295	0.0	47.071	5.626	0.0	48.559	3.855	0.0	45.816	3.016	0.0	53.462	5.767	0.0	46.173	5.158	0.0	52.282	3.592	0.0	46.416	2.881
31	4698	4699	SN	1	0.0	41.223	2.35	0.0	40.211	1.968	0.0	36.32	1.728	0.0	37.92	1.592	0.0	40.528	2.089	0.0	39.669	1.804	0.0	35.295	1.487	0.0	35.166	1.366

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

32	4698	4699	NS	1	0.0	42.549	1.626	0.0	47.575	1.318	0.0	41.781	1.117	0.0	43.69	1.044	0.0	39.542	1.4	0.0	47.417	1.094	0.0	41.12	1.053	0.0	39.204	0.883
33	4698	4699	NS	1	0.0	52.513	6.446	0.0	49.942	5.276	0.0	48.454	3.883	0.0	48.016	3.692	0.0	52.142	5.837	0.0	49.967	4.514	0.0	47.65	3.563	0.0	44.243	3.229
34	4698	4699	NS	1	0.0	53.379	6.497	0.0	52.508	5.235	0.0	48.794	3.926	0.0	41.076	3.649	0.0	51.003	5.766	0.0	51.143	4.503	0.0	47.991	3.542	0.0	40.817	3.278
35	4698	4699	SN	1	0.0	48.737	7.409	0.0	46.195	6.178	0.0	38.751	4.739	0.0	39.009	4.75	0.0	47.864	6.893	0.0	43.846	5.742	0.0	40.227	4.434	0.0	39.018	4.48
36	4698	4699	SN	1	0.0	48.737	7.396	0.0	46.195	6.178	0.0	38.752	4.737	0.0	39.009	4.75	0.0	47.864	6.89	0.0	43.846	5.742	0.0	40.225	4.418	0.0	39.018	4.48
37	4698	4699	NS	1	0.0	41.627	1.657	0.0	46.976	1.302	0.0	43.627	1.133	0.0	37.778	1.012	0.0	41.426	1.436	0.0	47.483	1.074	0.0	42.968	1.043	0.0	37.264	0.888
38	4698	4699	SN	1	0.0	42.833	2.442	0.0	40.211	1.981	0.0	36.896	1.722	0.0	37.92	1.622	0.0	40.528	2.167	0.0	39.669	1.839	0.0	35.535	1.481	0.0	35.166	1.383
39	4698	4699	SN	1	0.0	42.833	2.435	0.0	40.211	1.982	0.0	36.896	1.72	0.0	37.92	1.619	0.0	40.528	2.167	0.0	39.669	1.837	0.0	35.535	1.476	0.0	35.166	1.381
40	4698	4699	SN	1	0.0	47.001	6.956	0.0	46.195	6.001	0.0	37.479	4.688	0.0	39.009	4.687	0.0	46.608	6.448	0.0	43.846	5.534	0.0	36.356	4.346	0.0	39.018	4.396
41	4699	4700	NS	1	0.0	45.117	4.883	0.0	45.999	4.18	0.0	45.179	4.141	0.0	44.564	3.942	0.0	45.199	4.477	0.0	50.715	3.804	0.0	43.273	3.92	0.0	44.673	3.614
42	4699	4700	SN	1	0.0	48.585	3.253	0.0	41.75	2.701	0.0	41.09	2.343	0.0	41.825	2.145	0.0	44.804	2.836	0.0	39.766	2.509	0.0	43.453	2.193	0.0	38.948	1.929
43	4699	4700	SN	1	0.0	48.585	3.255	0.0	41.75	2.701	0.0	41.09	2.341	0.0	41.825	2.145	0.0	44.804	2.836	0.0	39.766	2.509	0.0	43.453	2.193	0.0	38.948	1.929
44	4699	4700	NS	1	0.0	46.41	4.914	0.0	45.872	4.14	0.0	44.574	4.148	0.0	44.397	3.935	0.0	45.199	4.487	0.0	50.585	3.753	0.0	43.825	3.927	0.0	44.505	3.557
45	4699	4700	SN	1	0.0	51.512	10.083	0.0	45.438	9.307	0.0	42.451	7.13	0.0	42.736	6.458	0.0	51.957	9.517	0.0	44.722	8.556	0.0	42.843	6.74	0.0	45.354	5.882
46	4699	4700	SN	1	0.0	51.512	10.083	0.0	45.438	9.307	0.0	42.451	7.13	0.0	42.736	6.458	0.0	51.957	9.517	0.0	44.722	8.556	0.0	42.843	6.74	0.0	45.354	5.882
47	4699	4700	SN	1	0.0	51.512	10.083	0.0	45.438	9.307	0.0	42.451	7.13	0.0	42.736	6.458	0.0	51.957	9.517	0.0	44.722	8.556	0.0	42.843	6.733	0.0	45.354	5.882
48	4699	4700	NS	1	0.0	45.551	1.624	0.0	55.89	1.529	0.0	42.488	1.118	0.0	43.902	1.235	0.0	47.982	1.52	0.0	53.773	1.364	0.0	39.872	1.107	0.0	43.798	1.153
49	4699	4700	NS	1	0.0	46.568	1.62	0.0	46.215	1.536	0.0	42.488	1.128	0.0	41.144	1.251	0.0	49.663	1.507	0.0	44.099	1.343	0.0	39.872	1.107	0.0	39.366	1.146
50	4699	4700	SN	1	0.0	48.585	3.253	0.0	41.75	2.701	0.0	41.09	2.341	0.0	41.825	2.145	0.0	44.804	2.834	0.0	39.766	2.509	0.0	43.453	2.193	0.0	38.948	1.929
51	4700	4701	SN	1	0.0	47.026	11.605	0.0	50.067	11.105	0.0	45.196	8.1	0.0	45.496	8.624	0.0	48.972	11.14	0.0	51.083	10.568	0.0	44.801	7.951	0.0	44.658	7.913
52	4700	4701	NS	1	0.0	47.646	2.642	0.0	44.309	2.231	0.0	45.879	1.795	0.0	41.166	1.842	0.0	46.992	2.464	0.0	41.905	2.052	0.0	44.843	1.637	0.0	39.332	1.73
53	4700	4701	NS	1	0.0	53.46	7.745	0.0	53.921	6.279	0.0	48.353	5.924	0.0	49.711	5.571	0.0	51.792	7.115	0.0	55.633	5.76	0.0	47.534	5.533	0.0	48.561	5.429
54	4700	4701	NS	1	0.0	49.103	2.579	0.0	52.148	2.21	0.0	43.359	1.831	0.0	44.263	1.863	0.0	51.051	2.405	0.0	49.978	2.052	0.0	40.196	1.676	0.0	43.853	1.694
55	4700	4701	NS	1	0.0	51.999	7.491	0.0	54.858	6.381	0.0	46.393	5.853	0.0	45.418	5.543	0.0	50.247	6.902	0.0	59.518	5.72	0.0	46.684	5.511	0.0	46.372	5.286
56	4700	4701	SN	1	0.0	42.413	3.942	0.0	48.29	3.709	0.0	40.504	2.612	0.0	37.722	2.857	0.0	42.867	3.649	0.0	45.43	3.4	0.0	39.431	2.432	0.0	38.643	2.519
57	4700	4701	SN	1	0.0	47.026	11.676	0.0	50.067	11.131	0.0	45.196	8.186	0.0	45.496	8.673	0.0	48.972	11.233	0.0	51.083	10.625	0.0	44.801	8.056	0.0	44.658	7.964
58	4700	4701	SN	1	0.0	42.413	3.939	0.0	48.29	3.709	0.0	40.504	2.61	0.0	37.722	2.855	0.0	42.867	3.646	0.0	45.43	3.398	0.0	39.431	2.43	0.0	38.643	2.517
59	4700	4701	SN	1	0.0	42.413	3.999	0.0	48.29	3.756	0.0	40.504	2.658	0.0	37.722	2.893	0.0	42.867	3.707	0.0	45.43	3.438	0.0	39.431	2.473	0.0	38.643	2.553
60	4700	4701	SN	1	0.0	47.026	11.618	0.0	50.067	11.105	0.0	45.196	8.1	0.0	45.496	8.624	0.0	48.972	11.153	0.0	51.083	10.568	0.0	44.801	7.951	0.0	44.658	7.913
61	4701	4702	NS	1	0.0	43.638	2.771	0.0	41.876	2.29	0.0	41.441	2.037	0.0	41.146	1.822	0.0	41.782	2.534	0.0	42.248	2.145	0.0	42.77	1.866	0.0	42.379	1.623
62	4701	4702	NS	1	0.0	49.139	8.445	0.0	54.657	7.392	0.0	42.482	5.753	0.0	42.727	5.495	0.0	49.821	7.745	0.0	51.05	6.955	0.0	43.003	5.646	0.0	42.639	5.189
63	4701	4702	SN	1	0.0	52.66	12.212	0.0	51.218	12.645	0.0	48.039	8.319	0.0	54.43	8.399	0.0	56.081	11.817	0.0	49.807	12.239	0.0	49.359	8.219	0.0	54.311	8.121
64	4701	4702	SN	1	0.0	52.66	12.22	0.0	51.218	12.645	0.0	48.039	8.316	0.0	54.43	8.391	0.0	56.081	11.815	0.0	49.807	12.229	0.0	49.359	8.217	0.0	54.311	8.121
65	4701	4702	NS	1	0.0	49.637	8.598	0.0	43.941	7.534	0.0	40.797	5.717	0.0	37.741	5.524	0.0	47.061	7.969	0.0	43.353	7.117	0.0	41.003	5.653	0.0	37.377	5.21
66	4701	4702	SN	1	0.0	49.213	4.213	0.0	50.774	4.315	0.0	41.571	2.656	0.0	42.847	2.704	0.0	49.331	3.923	0.0	48.2	4.0	0.0	42.405	2.572	0.0	45.17	2.483
67	4701	4702	SN	1	0.0	49.213	4.03	0.0	50.774	4.139	0.0	41.571	2.553	0.0	42.847	2.585	0.0	49.331	3.737	0.0	48.2	3.846	0.0	42.405	2.454	0.0	45.17	2.372

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

68	4701	4702	SN	1	0.0	49.213	4.033	0.0	50.774	4.134	0.0	41.571	2.551	0.0	42.847	2.584	0.0	49.331	3.74	0.0	48.2	3.841	0.0	42.405	2.452	0.0	45.17	2.369
69	4701	4702	SN	1	0.0	52.66	12.618	0.0	51.218	12.851	0.0	48.039	8.613	0.0	54.43	8.727	0.0	56.081	12.322	0.0	49.807	12.511	0.0	49.359	8.56	0.0	54.311	8.435
70	4701	4702	NS	1	0.0	52.083	2.807	0.0	42.971	2.301	0.0	38.759	1.965	0.0	37.365	1.883	0.0	48.71	2.534	0.0	43.341	2.195	0.0	36.585	1.868	0.0	37.882	1.669
71	4702	4703	NS	1	0.0	48.027	6.631	0.0	53.676	6.225	0.0	42.702	5.719	0.0	40.61	5.419	0.0	45.197	6.661	0.0	51.956	6.022	0.0	42.796	5.499	0.0	42.877	5.361
72	4702	4703	NS	1	0.0	46.263	2.483	0.0	49.725	2.17	0.0	41.421	1.695	0.0	38.677	1.842	0.0	48.336	2.218	0.0	49.084	2.039	0.0	40.452	1.649	0.0	38.62	1.782
73	4702	4703	SN	1	0.0	44.498	1.304	0.0	50.021	1.357	0.0	43.72	0.872	0.0	49.827	0.988	0.0	46.39	1.047	0.0	51.867	1.197	0.0	42.872	0.683	0.0	47.042	0.794
74	4702	4703	SN	1	0.0	50.89	4.44	0.0	61.461	4.507	0.0	47.744	3.02	0.0	46.885	3.705	0.0	50.074	3.682	0.0	64.39	4.009	0.0	46.263	2.354	0.0	44.637	3.037
75	4702	4703	SN	1	0.0	50.89	4.44	0.0	61.461	4.507	0.0	47.744	3.02	0.0	46.885	3.705	0.0	50.074	3.682	0.0	64.39	4.009	0.0	46.263	2.354	0.0	44.637	3.037
76	4702	4703	NS	1	0.0	46.554	2.445	0.0	47.026	2.1	0.0	47.522	1.734	0.0	39.051	1.858	0.0	48.566	2.264	0.0	44.28	2.012	0.0	48.207	1.638	0.0	40.73	1.76
77	4702	4703	NS	1	0.0	53.285	6.682	0.0	56.052	6.164	0.0	41.638	5.591	0.0	41.984	5.419	0.0	50.456	6.59	0.0	54.321	6.042	0.0	40.887	5.513	0.0	39.859	5.547
78	4702	4703	SN	1	0.0	44.498	1.304	0.0	50.021	1.357	0.0	43.72	0.872	0.0	49.827	0.988	0.0	46.39	1.047	0.0	51.867	1.197	0.0	42.872	0.683	0.0	47.042	0.794
79	4703	4704	NS	1	0.0	52.719	9.339	0.0	54.095	8.278	0.0	47.954	6.92	0.0	48.489	6.965	0.0	51.791	8.629	0.0	54.779	7.678	0.0	48.213	6.593	0.0	45.721	6.487
80	4703	4704	SN	1	0.0	45.49	4.054	0.0	54.187	3.986	0.0	41.337	3.147	0.0	47.81	3.178	0.0	43.413	3.437	0.0	53.729	3.357	0.0	41.261	2.8	0.0	45.717	2.638
81	4703	4704	SN	1	0.0	47.737	1.544	0.0	47.256	1.402	0.0	38.757	1.01	0.0	46.976	1.05	0.0	44.937	1.209	0.0	46.293	1.093	0.0	38.982	0.835	0.0	42.521	0.876
82	4703	4704	NS	1	0.0	53.064	3.234	0.0	48.847	2.706	0.0	42.362	2.047	0.0	43.133	2.034	0.0	56.834	2.956	0.0	47.826	2.539	0.0	44.044	1.87	0.0	40.346	1.852
83	4704	4705	SN	1	0.0	53.769	6.57	0.0	52.87	6.454	0.0	45.018	4.557	0.0	48.693	5.056	0.0	52.735	5.944	0.0	55.722	5.744	0.0	46.289	4.266	0.0	46.286	4.509
84	4704	4705	NS	1	0.0	50.762	6.748	0.0	48.54	5.989	0.0	43.944	5.333	0.0	46.231	5.417	0.0	48.991	6.139	0.0	46.768	5.297	0.0	44.175	4.928	0.0	48.847	4.826
85	4704	4705	SN	1	0.0	45.282	2.149	0.0	42.628	1.93	0.0	40.256	1.45	0.0	44.735	1.516	0.0	47.456	2.014	0.0	43.505	1.756	0.0	39.397	1.338	0.0	45.861	1.341
86	4704	4705	NS	1	0.0	47.338	2.4	0.0	42.889	1.943	0.0	41.854	1.621	0.0	43.256	1.612	0.0	44.202	2.014	0.0	44.561	1.731	0.0	40.977	1.397	0.0	41.065	1.45
87	4705	4706	NS	1	0.0	45.281	6.938	0.0	50.906	6.012	0.0	46.374	4.869	0.0	49.318	5.334	0.0	44.338	6.532	0.0	50.854	5.758	0.0	44.338	4.471	0.0	46.503	4.827
88	4705	4706	NS	1	0.0	52.604	2.592	0.0	43.259	2.059	0.0	35.832	1.741	0.0	39.664	1.723	0.0	48.37	2.321	0.0	40.816	1.874	0.0	37.777	1.606	0.0	38.97	1.556
89	4705	4706	SN	1	0.0	52.539	1.93	0.0	49.657	1.775	0.0	46.627	1.337	0.0	42.911	1.357	0.0	48.527	1.61	0.0	50.093	1.565	0.0	42.589	1.123	0.0	44.39	1.12
90	4705	4706	SN	1	0.0	49.495	6.107	0.0	54.521	5.461	0.0	41.39	4.601	0.0	46.404	4.865	0.0	49.998	5.177	0.0	53.535	4.852	0.0	42.481	3.998	0.0	49.686	4.076
91	4706	4707	NS	1	0.0	41.969	2.142	0.0	53.088	1.836	0.0	37.956	1.538	0.0	38.523	1.513	0.0	41.497	1.796	0.0	48.708	1.581	0.0	36.122	1.298	0.0	37.864	1.256
92	4706	4707	SN	1	0.0	50.216	1.553	0.0	48.293	1.571	0.0	36.734	1.151	0.0	44.615	1.245	0.0	49.063	1.326	0.0	46.257	1.39	0.0	38.893	1.004	0.0	43.547	1.101
93	4706	4707	NS	1	0.0	41.969	2.075	0.0	53.088	1.778	0.0	37.956	1.488	0.0	38.523	1.466	0.0	41.497	1.738	0.0	48.708	1.531	0.0	36.122	1.255	0.0	37.864	1.216
94	4706	4707	NS	1	0.0	52.388	6.303	0.0	46.989	5.657	0.0	41.941	4.346	0.0	47.556	4.461	0.0	52.799	5.548	0.0	45.692	5.268	0.0	40.353	3.876	0.0	45.83	3.923
95	4706	4707	SN	1	0.0	51.391	5.347	0.0	48.435	5.416	0.0	45.279	4.273	0.0	46.995	4.195	0.0	51.572	4.882	0.0	46.252	4.838	0.0	42.751	3.791	0.0	48.011	3.641
96	4706	4707	NS	1	0.0	52.388	6.1	0.0	46.989	5.47	0.0	41.941	4.21	0.0	47.556	4.327	0.0	52.799	5.369	0.0	45.692	5.094	0.0	40.353	3.755	0.0	45.83	3.799
97	4707	4708	SN	1	0.0	44.694	2.972	0.0	47.074	2.27	0.0	43.52	2.345	0.0	43.765	2.241	0.0	43.354	2.798	0.0	45.131	2.085	0.0	47.603	2.211	0.0	41.943	1.92
98	4707	4708	NS	1	0.0	42.167	3.188	0.0	42.733	2.449	0.0	40.239	2.128	0.0	40.907	1.952	0.0	40.817	2.847	0.0	38.716	2.268	0.0	39.834	1.972	0.0	37.69	1.735
99	4707	4708	SN	1	0.0	47.756	9.15	0.0	47.903	6.8	0.0	43.893	6.534	0.0	44.196	5.924	0.0	46.063	8.503	0.0	46.911	6.597	0.0	42.778	6.52	0.0	44.181	5.582
100	4707	4708	NS	1	0.0	46.642	9.294	0.0	44.111	7.6	0.0	40.767	6.414	0.0	41.693	5.733	0.0	45.697	8.492	0.0	44.6	6.969	0.0	39.638	6.001	0.0	42.222	5.334
101	4708	4709	NS	1	0.0	46.8	3.145	0.0	43.266	2.426	0.0	44.64	2.073	0.0	44.193	1.99	0.0	46.621	2.652	0.0	43.722	2.129	0.0	42.772	1.874	0.0	41.688	1.723
102	4708	4709	NS	1	0.0	50.729	9.088	0.0	49.787	7.399	0.0	44.402	6.263	0.0	42.637	6.302	0.0	50.527	7.922	0.0	50.585	6.378	0.0	42.485	5.924	0.0	43.387	5.645
103	4709	4710	SN	1	0.0	48.228	2.492	0.0	52.535	2.261	0.0	44.994	1.404	0.0	45.363	1.402	0.0	50.16	2.138	0.0	49.986	1.948	0.0	43.422	1.193	0.0	43.684	1.255

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

104	4709	4710	SN	1	0.0	51.186	8.168	0.0	50.732	7.507	0.0	44.533	4.868	0.0	48.43	5.127	0.0	53.006	7.643	0.0	52.169	6.909	0.0	46.416	4.323	0.0	46.875	4.778
105	4709	4710	SN	1	0.0	48.228	2.49	0.0	52.535	2.258	0.0	44.994	1.404	0.0	45.363	1.402	0.0	50.16	2.136	0.0	49.986	1.945	0.0	43.422	1.194	0.0	43.684	1.255
106	4709	4710	SN	1	0.0	51.186	8.278	0.0	50.732	7.612	0.0	44.533	4.661	0.0	48.43	5.159	0.0	53.006	7.727	0.0	52.169	7.008	0.0	46.416	4.149	0.0	46.875	4.758
107	4709	4710	SN	1	0.0	51.186	8.166	0.0	50.732	7.507	0.0	44.533	4.859	0.0	48.43	5.127	0.0	53.006	7.64	0.0	52.169	6.909	0.0	46.416	4.306	0.0	46.875	4.778
108	4709	4710	SN	1	0.0	48.228	2.551	0.0	52.535	2.299	0.0	44.994	1.378	0.0	45.363	1.403	0.0	50.16	2.195	0.0	49.986	1.978	0.0	43.422	1.167	0.0	43.684	1.244
109	4710	4711	SN	1	0.0	44.99	1.812	0.0	50.765	1.79	0.0	41.333	1.28	0.0	40.511	1.373	0.0	44.126	1.574	0.0	50.045	1.596	0.0	43.044	1.133	0.0	39.753	1.146
110	4710	4711	SN	1	0.0	47.245	5.638	0.0	47.748	5.649	0.0	43.276	3.966	0.0	42.023	4.001	0.0	47.744	5.537	0.0	49.309	5.355	0.0	41.542	3.754	0.0	42.576	3.604
111	4710	4711	NS	1	0.0	45.409	1.732	0.0	45.257	1.357	0.0	40.193	0.963	0.0	40.372	0.958	0.0	47.019	1.479	0.0	44.296	1.239	0.0	40.511	0.844	0.0	40.482	0.803
112	4710	4711	SN	1	0.0	44.99	1.793	0.0	50.765	1.772	0.0	41.333	1.297	0.0	40.511	1.355	0.0	44.126	1.546	0.0	50.045	1.578	0.0	43.044	1.147	0.0	39.753	1.134
113	4710	4711	NS	1	0.0	54.41	5.716	0.0	56.815	4.282	0.0	48.485	3.378	0.0	43.72	3.265	0.0	54.392	4.995	0.0	56.806	3.987	0.0	45.752	3.079	0.0	44.963	2.944
114	4710	4711	SN	1	0.0	44.99	1.793	0.0	50.765	1.772	0.0	41.333	1.296	0.0	40.511	1.355	0.0	44.126	1.546	0.0	50.045	1.578	0.0	43.044	1.147	0.0	39.753	1.134
115	4710	4711	SN	1	0.0	47.245	5.628	0.0	47.748	5.649	0.0	43.276	3.966	0.0	42.023	4.001	0.0	47.744	5.527	0.0	49.309	5.355	0.0	41.542	3.754	0.0	42.576	3.604
116	4710	4711	NS	1	0.0	45.409	1.732	0.0	45.257	1.357	0.0	40.193	0.963	0.0	40.372	0.958	0.0	47.019	1.479	0.0	44.296	1.239	0.0	40.511	0.844	0.0	40.482	0.803
117	4710	4711	NS	1	0.0	54.41	5.716	0.0	56.815	4.282	0.0	48.485	3.378	0.0	43.72	3.265	0.0	54.392	4.995	0.0	56.806	3.987	0.0	45.752	3.079	0.0	44.963	2.944
118	4710	4711	SN	1	0.0	47.245	5.683	0.0	47.748	5.705	0.0	43.276	3.919	0.0	42.023	4.027	0.0	47.744	5.611	0.0	49.309	5.397	0.0	41.542	3.703	0.0	42.576	3.631
119	4711	4712	NS	1	0.0	49.759	4.883	0.0	46.077	3.957	0.0	41.051	3.301	0.0	43.485	3.265	0.0	51.524	4.315	0.0	49.359	3.723	0.0	42.008	3.045	0.0	44.246	2.88
120	4711	4712	SN	1	0.0	49.133	7.415	0.0	46.302	6.607	0.0	40.241	4.842	0.0	38.2	5.199	0.0	51.305	6.879	0.0	48.254	5.694	0.0	40.257	4.488	0.0	41.013	4.317
121	4711	4712	SN	1	0.0	47.371	7.363	0.0	52.663	6.536	0.0	39.766	4.728	0.0	37.987	5.22	0.0	49.543	6.868	0.0	53.71	5.613	0.0	40.275	4.452	0.0	41.164	4.303
122	4711	4712	SN	1	0.0	41.354	2.511	0.0	38.69	2.04	0.0	42.505	1.583	0.0	41.712	1.871	0.0	44.277	2.101	0.0	37.56	1.689	0.0	42.678	1.42	0.0	39.366	1.552
123	4711	4712	SN	1	0.0	41.354	2.544	0.0	38.69	2.051	0.0	42.505	1.597	0.0	41.712	1.882	0.0	44.277	2.127	0.0	37.56	1.699	0.0	42.678	1.431	0.0	39.366	1.563
124	4711	4712	SN	1	0.0	47.371	7.441	0.0	52.663	6.6	0.0	39.766	4.785	0.0	37.987	5.281	0.0	49.543	6.959	0.0	53.71	5.664	0.0	40.275	4.512	0.0	41.164	4.358
125	4711	4712	NS	1	0.0	48.107	1.56	0.0	44.227	1.218	0.0	39.022	1.03	0.0	39.756	0.974	0.0	48.059	1.356	0.0	45.074	1.048	0.0	36.543	0.897	0.0	41.138	0.855
126	4711	4712	NS	1	0.0	47.187	1.563	0.0	43.305	1.253	0.0	41.056	1.05	0.0	39.756	1.063	0.0	42.608	1.339	0.0	48.325	1.119	0.0	42.079	0.886	0.0	41.138	0.915
127	4711	4712	SN	1	0.0	41.958	2.543	0.0	45.369	2.032	0.0	39.246	1.601	0.0	40.698	1.885	0.0	43.466	2.126	0.0	43.084	1.659	0.0	41.188	1.405	0.0	42.71	1.55
128	4711	4712	NS	1	0.0	55.164	4.821	0.0	50.089	3.958	0.0	44.957	3.086	0.0	44.775	3.537	0.0	55.172	4.232	0.0	51.661	3.694	0.0	41.879	2.773	0.0	43.934	3.088
129	4712	4713	SN	1	0.0	54.027	7.314	0.0	49.863	6.256	0.0	40.318	5.418	0.0	38.833	4.901	0.0	50.391	6.354	0.0	49.944	5.947	0.0	38.377	4.839	0.0	37.971	4.525
130	4712	4713	NS	1	0.0	48.525	5.553	0.0	58.455	4.649	0.0	40.052	4.324	0.0	45.596	3.936	0.0	49.414	4.984	0.0	57.047	4.151	0.0	40.141	4.146	0.0	46.749	3.629
131	4712	4713	SN	1	0.0	39.756	2.427	0.0	48.983	2.256	0.0	40.978	1.944	0.0	46.964	1.931	0.0	40.507	2.015	0.0	46.996	1.929	0.0	40.173	1.666	0.0	45.479	1.662
132	4712	4713	NS	1	0.0	49.993	5.764	0.0	50.293	4.677	0.0	48.406	4.338	0.0	48.515	4.312	0.0	53.062	5.338	0.0	51.469	4.24	0.0	48.092	4.053	0.0	49.373	3.942
133	4712	4713	SN	1	0.0	38.929	2.436	0.0	48.983	2.27	0.0	41.402	1.947	0.0	46.402	1.936	0.0	40.434	2.028	0.0	46.998	1.936	0.0	40.704	1.669	0.0	44.919	1.657
134	4712	4713	SN	1	0.0	54.027	7.371	0.0	49.863	6.44	0.0	40.318	5.422	0.0	38.833	4.963	0.0	50.391	6.411	0.0	49.944	6.115	0.0	38.377	4.841	0.0	37.971	4.586
135	4712	4713	SN	1	0.0	39.756	2.412	0.0	48.983	2.219	0.0	40.978	1.953	0.0	46.964	1.926	0.0	40.507	2.006	0.0	46.996	1.897	0.0	40.173	1.673	0.0	45.479	1.659
136	4712	4713	NS	1	0.0	45.966	2.014	0.0	44.793	1.645	0.0	41.231	1.385	0.0	41.458	1.258	0.0	43.814	1.72	0.0	43.011	1.468	0.0	42.731	1.277	0.0	41.631	1.157
137	4712	4713	NS	1	0.0	45.075	1.989	0.0	49.772	1.627	0.0	44.235	1.318	0.0	40.599	1.264	0.0	45.273	1.759	0.0	46.23	1.477	0.0	41.895	1.238	0.0	36.135	1.104
138	4712	4713	SN	1	0.0	52.77	7.43	0.0	50.417	6.46	0.0	40.986	5.362	0.0	39.246	4.998	0.0	49.132	6.408	0.0	50.032	6.125	0.0	40.664	4.838	0.0	38.547	4.614
139	4713	4714	SN	1	0.0	41.082	2.316	0.0	44.679	2.042	0.0	40.007	1.795	0.0	46.859	1.918	0.0	43.189	2.077	0.0	44.078	1.83	0.0	39.887	1.644	0.0	42.317	1.707

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

140	4713	4714	NS	1	0.0	50.267	4.465	0.0	52.518	3.559	0.0	43.676	2.979	0.0	42.847	2.552	0.0	50.53	4.029	0.0	54.235	3.0	0.0	43.555	2.546	0.0	41.613	2.202
141	4713	4714	NS	1	0.0	51.439	4.148	0.0	52.12	3.286	0.0	38.341	3.156	0.0	42.529	2.524	0.0	51.304	3.885	0.0	51.101	2.899	0.0	39.74	2.786	0.0	42.322	2.103
142	4713	4714	SN	1	0.0	44.021	7.125	0.0	45.083	6.259	0.0	40.548	4.82	0.0	39.357	5.444	0.0	45.22	6.124	0.0	46.547	5.851	0.0	40.643	4.725	0.0	38.656	5.106
143	4713	4714	SN	1	0.0	46.33	7.196	0.0	45.073	6.368	0.0	40.505	4.966	0.0	38.208	5.437	0.0	48.676	6.091	0.0	46.548	5.857	0.0	40.612	4.615	0.0	37.953	5.056
144	4713	4714	SN	1	0.0	47.29	7.622	0.0	45.073	6.566	0.0	40.505	5.129	0.0	38.418	5.568	0.0	48.676	6.551	0.0	46.548	6.058	0.0	40.612	4.818	0.0	40.554	5.241
145	4713	4714	NS	1	0.0	46.093	1.277	0.0	51.319	0.969	0.0	39.399	0.797	0.0	37.976	0.737	0.0	44.961	1.119	0.0	48.5	0.802	0.0	35.619	0.71	0.0	35.177	0.598
146	4713	4714	NS	1	0.0	49.199	1.197	0.0	48.576	0.998	0.0	43.587	0.747	0.0	37.714	0.681	0.0	48.391	1.055	0.0	45.171	0.851	0.0	41.251	0.646	0.0	39.065	0.564
147	4713	4714	SN	1	0.0	39.937	2.209	0.0	43.109	2.011	0.0	41.031	1.769	0.0	39.733	1.858	0.0	41.403	1.921	0.0	43.016	1.788	0.0	37.076	1.612	0.0	37.471	1.644
148	4713	4714	SN	1	0.0	39.578	2.23	0.0	44.679	2.004	0.0	37.165	1.749	0.0	46.859	1.894	0.0	42.183	1.949	0.0	44.078	1.79	0.0	35.845	1.597	0.0	42.317	1.653
149	4714	4715	SN	1	0.0	51.611	10.055	0.0	49.009	9.247	0.0	46.931	6.905	0.0	45.998	6.842	0.0	51.126	9.296	0.0	48.385	8.333	0.0	43.332	6.579	0.0	40.541	6.266
150	4714	4715	NS	1	0.0	47.586	2.648	0.0	51.244	2.189	0.0	50.595	1.826	0.0	43.667	1.7	0.0	43.783	2.279	0.0	50.753	1.835	0.0	48.72	1.67	0.0	42.882	1.445
151	4714	4715	SN	1	0.0	51.122	3.173	0.0	43.047	2.96	0.0	38.822	2.395	0.0	44.362	2.216	0.0	48.831	2.698	0.0	42.238	2.469	0.0	37.864	2.164	0.0	41.683	2.012
152	4714	4715	NS	1	0.0	54.932	8.376	0.0	51.52	7.314	0.0	45.171	6.046	0.0	45.8	5.797	0.0	52.601	7.513	0.0	50.009	6.358	0.0	46.517	5.399	0.0	44.99	5.077
153	4715	4716	SN	1	0.0	50.332	12.815	0.0	50.76	12.78	0.0	43.055	8.427	0.0	50.523	9.741	0.0	51.647	12.279	0.0	53.968	12.121	0.0	42.456	8.264	0.0	46.788	9.222
154	4715	4716	NS	1	0.0	55.253	8.455	0.0	48.232	6.529	0.0	47.106	5.796	0.0	37.527	5.276	0.0	54.494	7.542	0.0	50.878	6.193	0.0	47.55	5.476	0.0	40.191	4.677
155	4715	4716	NS	1	0.0	50.329	2.732	0.0	44.977	2.22	0.0	38.288	2.028	0.0	39.577	1.603	0.0	48.092	2.31	0.0	45.822	2.03	0.0	36.67	1.879	0.0	41.652	1.424
156	4715	4716	SN	1	0.0	52.391	4.065	0.0	52.08	4.231	0.0	41.317	2.54	0.0	48.205	3.019	0.0	47.215	3.934	0.0	52.566	4.066	0.0	41.228	2.547	0.0	47.739	2.829
157	4716	4717	SN	1	0.0	51.164	10.263	0.0	53.921	9.357	0.0	50.83	7.478	0.0	47.369	7.616	0.0	49.789	9.464	0.0	54.569	8.839	0.0	51.103	6.946	0.0	50.234	6.898
158	4716	4717	NS	1	0.0	45.856	8.076	0.0	47.066	6.793	0.0	44.956	5.241	0.0	41.534	4.954	0.0	48.2	7.721	0.0	47.326	6.6	0.0	40.345	5.027	0.0	38.29	4.769
159	4716	4717	SN	1	0.0	51.164	10.263	0.0	53.921	9.357	0.0	50.83	7.478	0.0	47.369	7.616	0.0	49.789	9.464	0.0	54.569	8.839	0.0	51.103	6.946	0.0	50.234	6.898
160	4716	4717	SN	1	0.0	53.72	3.487	0.0	51.326	3.413	0.0	45.042	2.264	0.0	49.309	2.219	0.0	54.739	3.125	0.0	49.158	3.07	0.0	48.192	1.974	0.0	51.265	1.891
161	4716	4717	NS	1	0.0	44.298	8.178	0.0	48.944	6.844	0.0	39.312	5.376	0.0	40.542	4.897	0.0	46.644	7.772	0.0	49.211	6.579	0.0	42.1	5.12	0.0	37.973	4.683
162	4716	4717	SN	1	0.0	53.72	3.487	0.0	51.326	3.413	0.0	45.042	2.264	0.0	49.309	2.219	0.0	54.739	3.125	0.0	49.158	3.07	0.0	48.192	1.974	0.0	51.265	1.89
163	4716	4717	NS	1	0.0	45.929	2.567	0.0	42.211	1.953	0.0	37.423	1.85	0.0	36.084	1.682	0.0	44.332	2.355	0.0	40.304	1.774	0.0	37.34	1.8	0.0	35.824	1.522
164	4716	4717	NS	1	0.0	48.785	2.578	0.0	41.658	1.973	0.0	37.273	1.853	0.0	41.619	1.662	0.0	47.186	2.371	0.0	41.285	1.762	0.0	37.24	1.791	0.0	39.923	1.491
165	4716	4717	SN	1	0.0	53.72	3.479	0.0	51.326	3.464	0.0	45.042	2.261	0.0	49.309	2.219	0.0	54.739	3.12	0.0	49.158	3.119	0.0	48.192	1.955	0.0	51.265	1.868
166	4716	4717	SN	1	0.0	51.164	9.807	0.0	53.921	9.144	0.0	50.83	7.515	0.0	47.369	7.546	0.0	49.789	9.084	0.0	54.569	8.687	0.0	51.103	6.937	0.0	50.234	6.796
167	4717	4718	SN	1	0.0	49.252	1.275	0.0	46.746	1.197	0.0	39.322	0.75	0.0	39.925	0.811	0.0	48.056	0.993	0.0	44.019	0.961	0.0	38.293	0.571	0.0	42.547	0.593
168	4717	4718	NS	1	0.0	48.729	2.74	0.0	45.96	2.316	0.0	38.93	1.87	0.0	41.362	1.798	0.0	47.574	2.525	0.0	49.886	2.069	0.0	38.675	1.698	0.0	43.084	1.62
169	4717	4718	NS	1	0.0	48.729	2.74	0.0	45.96	2.316	0.0	38.93	1.87	0.0	41.362	1.798	0.0	47.574	2.525	0.0	49.886	2.069	0.0	38.675	1.698	0.0	43.084	1.62
170	4717	4718	NS	1	0.0	54.294	7.756	0.0	48.808	6.359	0.0	46.492	6.11	0.0	48.605	5.676	0.0	51.439	7.238	0.0	47.807	5.697	0.0	47.592	5.74	0.0	48.352	5.312
171	4717	4718	SN	1	0.0	46.231	3.854	0.0	43.005	3.776	0.0	47.589	2.595	0.0	44.322	2.945	0.0	47.747	3.217	0.0	43.461	3.076	0.0	44.024	2.148	0.0	42.858	2.369
172	4717	4718	NS	1	0.0	54.294	7.756	0.0	48.808	6.359	0.0	46.492	6.11	0.0	48.605	5.676	0.0	51.439	7.238	0.0	47.807	5.697	0.0	47.592	5.74	0.0	48.352	5.312
173	4718	4719	SN	1	0.0	44.043	1.607	0.0	43.005	1.528	0.0	42.535	1.104	0.0	42.648	1.169	0.0	43.573	1.292	0.0	43.73	1.28	0.0	38.554	0.973	0.0	41.997	1.007
174	4718	4719	SN	1	0.0	48.932	4.53	0.0	53.794	4.676	0.0	45.278	3.381	0.0	44.229	3.52	0.0	48.626	3.792	0.0	52.525	4.057	0.0	45.624	3.005	0.0	45.721	3.1
175	4718	4719	NS	1	0.0	44.25	2.703	0.0	48.799	2.371	0.0	45.995	1.781	0.0	38.943	1.692	0.0	45.937	2.391	0.0	44.076	2.165	0.0	42.749	1.559	0.0	36.89	1.509

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

176	4718	4719	NS	1	0.0	47.122	8.486	0.0	50.483	7.82	0.0	47.344	5.276	0.0	46.257	6.016	0.0	47.917	7.755	0.0	52.436	7.423	0.0	49.88	4.992	0.0	48.805	5.417
177	4719	4720	NS	1	0.0	51.343	2.483	0.0	45.599	2.039	0.0	41.828	1.661	0.0	49.04	1.673	0.0	48.745	2.157	0.0	46.251	1.826	0.0	39.18	1.515	0.0	46.508	1.493
178	4719	4720	NS	1	0.0	54.594	7.233	0.0	50.26	6.602	0.0	42.414	4.983	0.0	47.037	5.169	0.0	55.462	6.706	0.0	50.435	6.093	0.0	44.956	4.685	0.0	49.101	4.862
179	4719	4720	NS	1	0.0	54.594	7.233	0.0	50.26	6.602	0.0	42.414	4.976	0.0	47.037	5.169	0.0	55.462	6.706	0.0	50.435	6.093	0.0	44.956	4.678	0.0	49.101	4.862
180	4719	4720	SN	1	0.0	50.627	2.272	0.0	50.743	1.916	0.0	41.215	1.39	0.0	41.806	1.35	0.0	53.483	1.914	0.0	49.707	1.675	0.0	40.261	1.215	0.0	39.131	1.201
181	4719	4720	SN	1	0.0	50.154	7.393	0.0	50.35	6.861	0.0	44.051	4.913	0.0	45.264	4.957	0.0	51.732	6.432	0.0	49.566	6.181	0.0	47.483	4.346	0.0	47.991	4.509
182	4719	4720	NS	1	0.0	51.343	2.483	0.0	45.599	2.039	0.0	41.828	1.661	0.0	49.04	1.673	0.0	48.745	2.157	0.0	46.251	1.826	0.0	39.18	1.515	0.0	46.508	1.493
183	4720	4721	SN	1	0.0	51.792	5.552	0.0	50.759	5.384	0.0	47.592	4.332	0.0	49.213	4.3	0.0	51.852	4.814	0.0	52.072	4.684	0.0	48.284	3.75	0.0	47.072	3.525
184	4720	4721	NS	1	0.0	50.749	6.982	0.0	48.181	5.821	0.0	40.601	4.748	0.0	44.176	4.582	0.0	48.736	6.114	0.0	50.042	5.438	0.0	41.861	4.502	0.0	43.144	4.096
185	4720	4721	NS	1	0.0	46.439	2.44	0.0	43.989	1.943	0.0	37.307	1.695	0.0	42.349	1.456	0.0	45.611	2.068	0.0	45.129	1.671	0.0	36.036	1.494	0.0	43.553	1.179
186	4720	4721	NS	1	0.0	46.439	2.398	0.0	43.989	1.913	0.0	37.307	1.667	0.0	42.349	1.431	0.0	45.611	2.032	0.0	45.129	1.645	0.0	36.036	1.47	0.0	43.553	1.159
187	4720	4721	SN	1	0.0	45.233	1.443	0.0	52.932	1.597	0.0	47.332	1.166	0.0	43.186	1.167	0.0	47.995	1.272	0.0	49.467	1.381	0.0	46.558	0.989	0.0	41.958	0.938
188	4720	4721	NS	1	0.0	50.749	6.872	0.0	48.181	5.718	0.0	40.601	4.68	0.0	44.176	4.507	0.0	48.736	6.01	0.0	50.042	5.341	0.0	41.861	4.438	0.0	43.144	4.022
189	4721	4722	NS	1	0.0	45.284	7.637	0.0	49.919	6.774	0.0	48.717	5.559	0.0	40.562	5.789	0.0	42.487	6.765	0.0	48.265	5.93	0.0	45.67	5.04	0.0	40.314	4.748
190	4721	4722	NS	1	0.0	45.205	2.69	0.0	45.486	2.279	0.0	40.295	1.836	0.0	39.657	1.861	0.0	42.989	2.283	0.0	42.778	1.957	0.0	42.071	1.606	0.0	37.897	1.531
191	4721	4722	SN	1	0.0	51.756	2.076	0.0	48.333	1.704	0.0	41.868	1.622	0.0	41.356	1.551	0.0	48.584	1.688	0.0	49.999	1.292	0.0	38.086	1.441	0.0	40.177	1.314
192	4721	4722	NS	1	0.0	45.284	8.019	0.0	49.919	7.118	0.0	48.717	5.843	0.0	40.562	6.086	0.0	42.487	7.101	0.0	48.265	6.231	0.0	45.67	5.296	0.0	40.314	4.991
193	4721	4722	SN	1	0.0	51.648	6.107	0.0	47.159	5.174	0.0	46.224	4.777	0.0	44.029	4.714	0.0	52.676	5.167	0.0	48.524	4.403	0.0	43.599	4.323	0.0	46.009	4.089
194	4721	4722	NS	1	0.0	45.205	2.83	0.0	45.486	2.397	0.0	40.295	1.933	0.0	39.657	1.959	0.0	42.989	2.405	0.0	42.778	2.059	0.0	42.071	1.692	0.0	37.897	1.611
195	4722	4723	NS	1	0.0	44.045	2.84	0.0	39.841	2.237	0.0	43.738	2.092	0.0	39.566	1.929	0.0	42.798	2.343	0.0	40.932	1.929	0.0	42.408	1.757	0.0	38.732	1.548
196	4722	4723	NS	1	0.0	49.323	8.689	0.0	50.612	7.096	0.0	44.682	5.654	0.0	43.393	5.776	0.0	47.527	7.645	0.0	50.027	6.33	0.0	44.393	5.237	0.0	41.154	4.939

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	4695	4696	SN	1	0.0	25.738	11.0	0.0	28.391	10.729	0.0	158.865	6.234	0.0	135.302	6.079	0.0	1.933	0.0	0.0	1.982	0.0	0.0	2.088	0.0	0.0	2.11	0.0
2	4695	4696	NS	1	0.0	27.603	15.346	0.0	32.401	15.475	0.0	136.461	11.63	0.0	49.332	12.596	0.0	1.904	0.0	0.0	1.965	0.0	0.0	2.032	0.0	0.0	2.064	0.0
3	4695	4696	SN	1	0.0	25.738	11.058	0.0	28.391	10.734	0.0	158.865	6.335	0.0	15.519	6.014	0.0	1.933	0.0	0.0	1.982	0.0	0.0	2.088	0.0	0.0	2.11	0.0
4	4695	4696	SN	1	0.0	34.165	15.934	0.0	27.939	13.879	0.0	160.707	15.177	0.0	139.736	15.101	0.0	1.913	0.0	0.0	1.95	0.0	0.0	2.09	0.0	0.0	2.114	0.0
5	4695	4696	NS	1	0.0	25.981	8.752	0.0	26.009	8.939	0.0	353.101	2.506	0.0	33.311	2.671	0.0	1.893	0.0	0.0	1.971	0.0	0.0	2.027	0.0	0.0	2.069	0.0
6	4695	4696	NS	1	0.0	27.603	15.346	0.0	32.401	15.475	0.0	136.461	11.63	0.0	49.332	12.596	0.0	1.904	0.0	0.0	1.965	0.0	0.0	2.032	0.0	0.0	2.064	0.0
7	4695	4696	SN	1	0.0	34.165	15.972	0.0	27.305	13.67	0.0	160.707	15.382	0.0	18.155	14.794	0.0	1.913	0.0	0.0	1.95	0.0	0.0	2.09	0.0	0.0	2.114	0.0
8	4695	4696	NS	1	0.0	25.981	8.752	0.0	26.009	8.939	0.0	353.101	2.506	0.0	33.311	2.671	0.0	1.893	0.0	0.0	1.971	0.0	0.0	2.027	0.0	0.0	2.069	0.0
9	4695	4696	SN	1	0.0	25.738	11.0	0.0	28.391	10.729	0.0	158.865	6.234	0.0	135.286	6.079	0.0	1.933	0.0	0.0	1.982	0.0	0.0	2.088	0.0	0.0	2.11	0.0
10	4695	4696	SN	1	0.0	34.165	15.934	0.0	27.939	13.879	0.0	160.707	15.177	0.0	139.753	15.101	0.0	1.913	0.0	0.0	1.95	0.0	0.0	2.09	0.0	0.0	2.114	0.0
11	4696	4697	SN	1	0.0	34.199	15.955	0.0	28.601	13.729	0.0	155.981	15.329	0.0	20.963	14.923	0.0	1.905	0.0	0.0	1.957	0.0	0.0	2.09	0.0	0.0	2.113	0.0
12	4696	4697	SN	1	0.0	34.204	15.966	0.0	28.601	13.719	0.0	156.036	15.322	0.0	20.963	14.923	0.0	1.91	0.0	0.0	1.957	0.0	0.0	2.09	0.0	0.0	2.113	0.0
13	4696	4697	SN	1	0.0	34.204	15.934	0.0	28.601	13.813	0.0	156.036	15.201	0.0	68.993	15.062	0.0	1.91	0.0	0.0	1.957	0.0	0.0	2.09	0.0	0.0	2.113	0.0
14	4696	4697	SN	1	0.0	25.761	11.092	0.0	28.391	10.745	0.0	161.264	6.313	0.0	15.525	6.091	0.0	1.933	0.0	0.0	1.981	0.0	0.0	2.088	0.0	0.0	2.105	0.0
15	4696	4697	SN	1	0.0	25.761	11.054	0.0	28.391	10.745	0.0	161.319	6.245	0.0	95.126	6.139	0.0	1.933	0.0	0.0	1.981	0.0	0.0	2.088	0.0	0.0	2.111	0.0
16	4696	4697	SN	1	0.0	25.761	11.084	0.0	28.391	10.75	0.0	161.319	6.311	0.0	15.525	6.09	0.0	1.933	0.0	0.0	1.981	0.0	0.0	2.088	0.0	0.0	2.111	0.0
17	4696	4697	NS	1	0.0	27.205	15.239	0.0	32.737	15.475	0.0	147.198	11.505	0.0	38.848	12.543	0.0	1.904	0.0	0.0	1.971	0.0	0.0	2.034	0.0	0.0	2.037	0.0
18	4696	4697	NS	1	0.0	27.63	15.318	0.0	32.456	15.475	0.0	129.997	11.509	0.0	51.179	12.496	0.0	1.904	0.0	0.0	1.93	0.0	0.0	2.033	0.0	0.0	2.069	0.0
19	4696	4697	NS	1	0.0	25.992	8.778	0.0	26.036	8.925	0.0	353.669	2.494	0.0	38.875	2.655	0.0	1.894	0.0	0.0	1.963	0.0	0.0	2.028	0.0	0.0	2.043	0.0
20	4696	4697	NS	1	0.0	25.97	8.78	0.0	26.036	8.914	0.0	124.796	2.5	0.0	23.759	2.651	0.0	1.894	0.0	0.0	1.963	0.0	0.0	2.025	0.0	0.0	2.047	0.0
21	4697	4698	SN	1	0.0	25.75	11.13	0.0	28.386	10.775	0.0	155.12	6.354	0.0	15.53	6.122	0.0	1.934	0.0	0.0	1.98	0.0	0.0	2.088	0.0	0.0	2.133	0.0
22	4697	4698	SN	1	0.0	25.75	11.091	0.0	28.386	10.776	0.0	155.12	6.272	0.0	133.907	6.189	0.0	1.934	0.0	0.0	1.98	0.0	0.0	2.088	0.0	0.0	2.133	0.0
23	4697	4698	SN	1	0.0	25.75	11.091	0.0	28.386	10.778	0.0	155.12	6.275	0.0	39.134	6.183	0.0	1.934	0.0	0.0	1.98	0.0	0.0	2.088	0.0	0.0	2.133	0.0
24	4697	4698	NS	1	0.0	25.976	8.811	0.0	26.042	8.865	0.0	137.271	2.511	0.0	52.972	2.608	0.0	1.895	0.0	0.0	1.964	0.0	0.0	2.035	0.0	0.0	2.055	0.0
25	4697	4698	SN	1	0.0	33.846	15.984	0.0	28.369	13.911	0.0	157.685	15.182	0.0	55.895	15.016	0.0	1.926	0.0	0.0	1.955	0.0	0.0	2.09	0.0	0.0	2.116	0.0
26	4697	4698	SN	1	0.0	33.846	15.964	0.0	28.369	13.911	0.0	157.685	15.19	0.0	55.895	15.016	0.0	1.926	0.0	0.0	1.955	0.0	0.0	2.09	0.0	0.0	2.116	0.0
27	4697	4698	NS	1	0.0	25.976	8.811	0.0	26.042	8.865	0.0	137.271	2.511	0.0	52.972	2.608	0.0	1.895	0.0	0.0	1.964	0.0	0.0	2.035	0.0	0.0	2.055	0.0
28	4697	4698	SN	1	0.0	33.846	16.004	0.0	27.956	13.724	0.0	157.685	15.341	0.0	18.591	14.774	0.0	1.926	0.0	0.0	1.955	0.0	0.0	2.09	0.0	0.0	2.116	0.0
29	4697	4698	NS	1	0.0	27.603	15.128	0.0	33.228	15.475	0.0	141.981	11.495	0.0	40.386	12.407	0.0	1.907	0.0	0.0	1.979	0.0	0.0	2.04	0.0	0.0	2.047	0.0
30	4697	4698	NS	1	0.0	27.603	15.128	0.0	33.228	15.475	0.0	141.981	11.495	0.0	40.386	12.407	0.0	1.907	0.0	0.0	1.979	0.0	0.0	2.04	0.0	0.0	2.047	0.0
31	4698	4699	SN	1	0.0	25.777	11.182	0.0	28.408	10.811	0.0	152.992	6.41	0.0	15.525	6.125	0.0	1.934	0.0	0.0	1.98	0.0	0.0	2.088	0.0	0.0	2.121	0.0

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

32	4698	4699	NS	1	0.0	25.965	8.821	0.0	26.036	8.883	0.0	353.134	2.515	0.0	38.484	2.587	0.0	1.893	0.0	0.0	1.959	0.0	0.0	2.029	0.0	0.0	2.05	0.0
33	4698	4699	NS	1	0.0	28.358	15.298	0.0	33.222	15.462	0.0	359.217	11.464	0.0	52.756	12.38	0.0	1.904	0.0	0.0	1.95	0.0	0.0	2.028	0.0	0.0	2.05	0.0
34	4698	4699	NS	1	0.0	28.353	15.308	0.0	33.222	15.472	0.0	359.217	11.464	0.0	52.696	12.408	0.0	1.905	0.0	0.0	1.965	0.0	0.0	2.028	0.0	0.0	2.05	0.0
35	4698	4699	SN	1	0.0	37.745	16.04	0.0	28.562	13.838	0.0	165.803	15.294	0.0	48.642	15.16	0.0	1.919	0.0	0.0	1.971	0.0	0.0	2.091	0.0	0.0	2.12	0.0
36	4698	4699	SN	1	0.0	37.745	16.016	0.0	28.562	13.838	0.0	165.803	15.311	0.0	48.642	15.16	0.0	1.919	0.0	0.0	1.971	0.0	0.0	2.091	0.0	0.0	2.12	0.0
37	4698	4699	NS	1	0.0	25.965	8.834	0.0	26.036	8.892	0.0	353.117	2.513	0.0	38.434	2.594	0.0	1.894	0.0	0.0	1.958	0.0	0.0	2.029	0.0	0.0	2.045	0.0
38	4698	4699	SN	1	0.0	25.777	11.112	0.0	28.408	10.808	0.0	152.992	6.284	0.0	136.141	6.199	0.0	1.934	0.0	0.0	1.98	0.0	0.0	2.088	0.0	0.0	2.121	0.0
39	4698	4699	SN	1	0.0	25.777	11.122	0.0	28.408	10.804	0.0	152.992	6.288	0.0	60.307	6.191	0.0	1.934	0.0	0.0	1.98	0.0	0.0	2.088	0.0	0.0	2.121	0.0
40	4698	4699	SN	1	0.0	37.745	16.098	0.0	27.233	13.59	0.0	165.803	15.552	0.0	16.567	14.79	0.0	1.919	0.0	0.0	1.971	0.0	0.0	2.091	0.0	0.0	2.12	0.0
41	4699	4700	NS	1	0.0	78.735	15.289	0.0	33.228	15.46	0.0	170.874	11.625	0.0	38.655	12.554	0.0	1.904	0.0	0.0	1.975	0.0	0.0	2.028	0.0	0.0	2.064	0.0
42	4699	4700	SN	1	0.0	25.772	11.1	0.0	28.397	10.813	0.0	185.094	6.254	0.0	155.746	6.168	0.0	1.936	0.0	0.0	1.978	0.0	0.0	2.09	0.0	0.0	2.131	0.0
43	4699	4700	SN	1	0.0	25.772	11.1	0.0	28.397	10.813	0.0	185.094	6.254	0.0	155.746	6.168	0.0	1.936	0.0	0.0	1.978	0.0	0.0	2.09	0.0	0.0	2.131	0.0
44	4699	4700	NS	1	0.0	28.303	15.279	0.0	33.228	15.46	0.0	170.896	11.625	0.0	38.66	12.561	0.0	1.905	0.0	0.0	1.975	0.0	0.0	2.028	0.0	0.0	2.064	0.0
45	4699	4700	SN	1	0.0	34.154	15.928	0.0	28.59	13.813	0.0	185.558	15.322	0.0	68.651	15.049	0.0	1.914	0.0	0.0	1.954	0.0	0.0	2.091	0.0	0.0	2.126	0.0
46	4699	4700	SN	1	0.0	34.154	15.928	0.0	28.59	13.813	0.0	185.558	15.322	0.0	68.651	15.049	0.0	1.914	0.0	0.0	1.954	0.0	0.0	2.091	0.0	0.0	2.126	0.0
47	4699	4700	SN	1	0.0	34.154	15.928	0.0	28.59	13.813	0.0	185.558	15.322	0.0	68.651	15.049	0.0	1.914	0.0	0.0	1.954	0.0	0.0	2.091	0.0	0.0	2.126	0.0
48	4699	4700	NS	1	0.0	75.145	8.811	0.0	26.047	8.903	0.0	353.724	2.518	0.0	38.677	2.622	0.0	1.895	0.0	0.0	1.969	0.0	0.0	2.023	0.0	0.0	2.048	0.0
49	4699	4700	NS	1	0.0	25.97	8.804	0.0	26.047	8.91	0.0	353.718	2.522	0.0	38.682	2.625	0.0	1.895	0.0	0.0	1.969	0.0	0.0	2.023	0.0	0.0	2.048	0.0
50	4699	4700	SN	1	0.0	25.772	11.1	0.0	28.397	10.813	0.0	185.094	6.254	0.0	155.746	6.168	0.0	1.936	0.0	0.0	1.978	0.0	0.0	2.09	0.0	0.0	2.131	0.0
51	4700	4701	SN	1	0.0	33.857	15.942	0.0	28.617	13.864	0.0	170.303	15.272	0.0	56.143	15.03	0.0	1.926	0.0	0.0	1.945	0.0	0.0	2.089	0.0	0.0	2.12	0.0
52	4700	4701	NS	1	0.0	25.965	8.806	0.0	26.042	8.948	0.0	137.437	2.548	0.0	23.031	2.693	0.0	1.894	0.0	0.0	1.956	0.0	0.0	2.022	0.0	0.0	2.036	0.0
53	4700	4701	NS	1	0.0	28.353	15.256	0.0	33.178	15.418	0.0	142.51	11.706	0.0	37.348	12.705	0.0	1.905	0.0	0.0	1.959	0.0	0.0	2.028	0.0	0.0	2.031	0.0
54	4700	4701	NS	1	0.0	25.965	8.781	0.0	26.042	8.955	0.0	137.238	2.561	0.0	34.358	2.695	0.0	1.893	0.0	0.0	1.957	0.0	0.0	2.021	0.0	0.0	2.061	0.0
55	4700	4701	NS	1	0.0	28.358	15.235	0.0	33.178	15.439	0.0	142.301	11.72	0.0	47.429	12.719	0.0	1.905	0.0	0.0	1.964	0.0	0.0	2.028	0.0	0.0	2.031	0.0
56	4700	4701	SN	1	0.0	25.75	11.077	0.0	28.391	10.837	0.0	180.644	6.238	0.0	38.743	6.151	0.0	1.936	0.0	0.0	1.978	0.0	0.0	2.087	0.0	0.0	2.116	0.0
57	4700	4701	SN	1	0.0	33.857	15.998	0.0	28.617	13.671	0.0	170.303	15.469	0.0	18.359	14.747	0.0	1.926	0.0	0.0	1.945	0.0	0.0	2.089	0.0	0.0	2.12	0.0
58	4700	4701	SN	1	0.0	25.75	11.074	0.0	28.391	10.832	0.0	180.644	6.233	0.0	114.616	6.157	0.0	1.936	0.0	0.0	1.978	0.0	0.0	2.087	0.0	0.0	2.116	0.0
59	4700	4701	SN	1	0.0	25.75	11.126	0.0	28.391	10.832	0.0	180.644	6.335	0.0	15.525	6.081	0.0	1.936	0.0	0.0	1.978	0.0	0.0	2.087	0.0	0.0	2.116	0.0
60	4700	4701	SN	1	0.0	33.857	15.93	0.0	28.617	13.864	0.0	170.303	15.286	0.0	56.143	15.03	0.0	1.926	0.0	0.0	1.945	0.0	0.0	2.089	0.0	0.0	2.12	0.0
61	4701	4702	NS	1	0.0	25.981	8.713	0.0	26.047	9.037	0.0	353.233	2.537	0.0	37.132	2.753	0.0	1.893	0.0	0.0	1.961	0.0	0.0	2.034	0.0	0.0	2.064	0.0
62	4701	4702	NS	1	0.0	28.369	15.286	0.0	33.189	15.506	0.0	355.875	11.797	0.0	49.541	12.666	0.0	1.909	0.0	0.0	1.976	0.0	0.0	2.03	0.0	0.0	2.072	0.0
63	4701	4702	SN	1	0.0	35.467	15.985	0.0	28.49	13.842	0.0	158.474	15.247	0.0	45.824	15.147	0.0	1.931	0.0	0.0	1.981	0.0	0.0	2.09	0.0	0.0	2.099	0.0
64	4701	4702	SN	1	0.0	35.467	15.989	0.0	28.49	13.842	0.0	158.474	15.223	0.0	45.824	15.147	0.0	1.931	0.0	0.0	1.981	0.0	0.0	2.09	0.0	0.0	2.099	0.0
65	4701	4702	NS	1	0.0	28.364	15.247	0.0	33.184	15.525	0.0	355.207	11.719	0.0	49.442	12.73	0.0	1.911	0.0	0.0	1.974	0.0	0.0	2.031	0.0	0.0	2.072	0.0
66	4701	4702	SN	1	0.0	25.755	11.315	0.0	28.402	10.926	0.0	161.562	6.6	0.0	15.541	6.118	0.0	1.936	0.0	0.0	1.978	0.0	0.0	2.085	0.0	0.0	2.124	0.0
67	4701	4702	SN	1	0.0	25.755	11.018	0.0	28.402	10.806	0.0	161.562	6.175	0.0	61.167	6.057	0.0	1.936	0.0	0.0	1.978	0.0	0.0	2.085	0.0	0.0	2.124	0.0
68	4701	4702	SN	1	0.0	25.755	11.009	0.0	28.402	10.813	0.0	161.562	6.172	0.0	131.558	6.061	0.0	1.936	0.0	0.0	1.978	0.0	0.0	2.085	0.0	0.0	2.124	0.0

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

69	4701	4702	SN	1	0.0	35.467	16.301	0.0	26.924	13.291	0.0	158.474	15.935	0.0	15.618	14.451	0.0	1.931	0.0	0.0	1.981	0.0	0.0	2.09	0.0	0.0	2.099	0.0
70	4701	4702	NS	1	0.0	25.97	8.697	0.0	26.047	9.019	0.0	353.206	2.516	0.0	37.044	2.755	0.0	1.895	0.0	0.0	1.96	0.0	0.0	2.034	0.0	0.0	2.064	0.0
71	4702	4703	NS	1	0.0	28.303	15.445	0.0	33.228	15.451	0.0	140.784	11.744	0.0	39.14	12.698	0.0	1.908	0.0	0.0	1.949	0.0	0.0	2.029	0.0	0.0	2.045	0.0
72	4702	4703	NS	1	0.0	25.976	8.747	0.0	26.036	9.04	0.0	353.763	2.555	0.0	23.229	2.755	0.0	1.896	0.0	0.0	1.965	0.0	0.0	2.021	0.0	0.0	2.059	0.0
73	4702	4703	SN	1	0.0	25.761	10.989	0.0	28.402	10.761	0.0	150.819	6.105	0.0	138.429	5.966	0.0	1.934	0.0	0.0	1.979	0.0	0.0	2.087	0.0	0.0	2.117	0.0
74	4702	4703	SN	1	0.0	37.392	15.94	0.0	28.634	13.865	0.0	156.576	15.314	0.0	70.178	15.056	0.0	1.932	0.0	0.0	1.953	0.0	0.0	2.09	0.0	0.0	2.109	0.0
75	4702	4703	SN	1	0.0	37.392	15.94	0.0	28.634	13.865	0.0	156.576	15.314	0.0	70.178	15.056	0.0	1.932	0.0	0.0	1.953	0.0	0.0	2.09	0.0	0.0	2.109	0.0
76	4702	4703	NS	1	0.0	25.981	8.749	0.0	26.036	9.029	0.0	353.79	2.565	0.0	23.257	2.764	0.0	1.894	0.0	0.0	1.967	0.0	0.0	2.021	0.0	0.0	2.069	0.0
77	4702	4703	NS	1	0.0	28.303	15.384	0.0	33.228	15.441	0.0	140.354	11.687	0.0	39.223	12.726	0.0	1.907	0.0	0.0	1.951	0.0	0.0	2.031	0.0	0.0	2.046	0.0
78	4702	4703	SN	1	0.0	25.761	10.989	0.0	28.402	10.761	0.0	150.819	6.105	0.0	138.429	5.966	0.0	1.934	0.0	0.0	1.979	0.0	0.0	2.087	0.0	0.0	2.117	0.0
79	4703	4704	NS	1	0.0	28.347	15.379	0.0	33.195	15.468	0.0	141.976	11.706	0.0	51.096	12.732	0.0	1.903	0.0	0.0	1.968	0.0	0.0	2.031	0.0	0.0	2.059	0.0
80	4703	4704	SN	1	0.0	33.829	15.873	0.0	28.612	13.855	0.0	161.192	15.261	0.0	56.534	15.003	0.0	1.92	0.0	0.0	1.953	0.0	0.0	2.089	0.0	0.0	2.119	0.0
81	4703	4704	SN	1	0.0	25.75	10.946	0.0	28.386	10.776	0.0	161.192	6.089	0.0	136.185	5.993	0.0	1.936	0.0	0.0	1.977	0.0	0.0	2.088	0.0	0.0	2.115	0.0
82	4703	4704	NS	1	0.0	25.965	8.731	0.0	26.036	9.03	0.0	138.341	2.539	0.0	58.663	2.752	0.0	1.893	0.0	0.0	1.959	0.0	0.0	2.025	0.0	0.0	2.064	0.0
83	4704	4705	SN	1	0.0	35.467	15.839	0.0	28.413	13.873	0.0	151.238	15.201	0.0	41.324	15.041	0.0	1.925	0.0	0.0	1.932	0.0	0.0	2.089	0.0	0.0	2.103	0.0
84	4704	4705	NS	1	0.0	27.729	15.322	0.0	33.206	15.394	0.0	354.722	11.804	0.0	49.221	12.752	0.0	1.905	0.0	0.0	1.971	0.0	0.0	2.033	0.0	0.0	2.049	0.0
85	4704	4705	SN	1	0.0	25.755	11.001	0.0	28.386	10.776	0.0	117.547	6.112	0.0	135.374	5.996	0.0	1.935	0.0	0.0	1.979	0.0	0.0	2.085	0.0	0.0	2.111	0.0
86	4704	4705	NS	1	0.0	25.965	8.753	0.0	26.058	9.063	0.0	353.128	2.541	0.0	49.078	2.748	0.0	1.893	0.0	0.0	1.958	0.0	0.0	2.029	0.0	0.0	2.07	0.0
87	4705	4706	NS	1	0.0	28.297	15.367	0.0	33.222	15.402	0.0	147.832	11.857	0.0	39.008	12.735	0.0	1.904	0.0	0.0	1.965	0.0	0.0	2.029	0.0	0.0	2.04	0.0
88	4705	4706	NS	1	0.0	25.965	8.76	0.0	26.053	9.087	0.0	139.306	2.576	0.0	60.72	2.797	0.0	1.894	0.0	0.0	1.963	0.0	0.0	2.024	0.0	0.0	2.064	0.0
89	4705	4706	SN	1	0.0	26.009	11.02	0.0	28.375	10.753	0.0	175.272	6.104	0.0	137.569	5.976	0.0	1.934	0.0	0.0	1.978	0.0	0.0	2.089	0.0	0.0	2.111	0.0
90	4705	4706	SN	1	0.0	34.607	15.966	0.0	28.59	13.845	0.0	176.888	15.327	0.0	54.014	15.037	0.0	1.923	0.0	0.0	1.959	0.0	0.0	2.09	0.0	0.0	2.124	0.0
91	4706	4707	NS	1	0.0	25.97	8.781	0.0	26.058	9.035	0.0	317.887	2.627	0.0	12.05	2.646	0.0	1.894	0.0	0.0	1.962	0.0	0.0	2.028	0.0	0.0	2.073	0.0
92	4706	4707	SN	1	0.0	25.744	10.983	0.0	28.386	10.786	0.0	159.461	6.081	0.0	130.968	5.997	0.0	1.934	0.0	0.0	1.971	0.0	0.0	2.087	0.0	0.0	2.11	0.0
93	4706	4707	NS	1	0.0	25.97	8.756	0.0	26.058	9.097	0.0	317.887	2.583	0.0	35.246	2.78	0.0	1.894	0.0	0.0	1.962	0.0	0.0	2.028	0.0	0.0	2.073	0.0
94	4706	4707	NS	1	0.0	28.435	15.532	0.0	30.151	14.953	0.0	317.54	12.002	0.0	15.326	12.138	0.0	1.907	0.0	0.0	1.969	0.0	0.0	2.035	0.0	0.0	2.059	0.0
95	4706	4707	SN	1	0.0	34.513	15.991	0.0	28.612	13.835	0.0	170.706	15.343	0.0	56.341	15.089	0.0	1.929	0.0	0.0	1.95	0.0	0.0	2.091	0.0	0.0	2.124	0.0
96	4706	4707	NS	1	0.0	28.435	15.459	0.0	33.145	15.404	0.0	317.54	11.799	0.0	47.578	12.652	0.0	1.907	0.0	0.0	1.969	0.0	0.0	2.035	0.0	0.0	2.059	0.0
97	4707	4708	SN	1	0.0	26.268	10.986	0.0	135.457	10.731	0.0	162.709	6.05	0.0	74.828	5.965	0.0	1.935	0.0	0.0	1.972	0.0	0.0	2.085	0.0	0.0	2.109	0.0
98	4707	4708	NS	1	0.0	25.976	8.783	0.0	26.058	9.114	0.0	328.178	2.586	0.0	28.739	2.827	0.0	1.893	0.0	0.0	1.955	0.0	0.0	2.023	0.0	0.0	2.066	0.0
99	4707	4708	SN	1	0.0	34.022	15.883	0.0	262.87	13.874	0.0	183.732	15.259	0.0	40.706	14.969	0.0	1.928	0.0	0.0	1.937	0.0	0.0	2.088	0.0	0.0	2.114	0.0
100	4707	4708	NS	1	0.0	27.641	15.361	0.0	33.206	15.434	0.0	335.866	11.96	0.0	34.54	12.742	0.0	1.907	0.0	0.0	1.968	0.0	0.0	2.029	0.0	0.0	2.047	0.0
101	4708	4709	NS	1	0.0	25.987	8.781	0.0	26.069	9.073	0.0	350.47	2.63	0.0	11.923	2.69	0.0	1.895	0.0	0.0	1.954	0.0	0.0	2.025	0.0	0.0	2.06	0.0
102	4708	4709	NS	1	0.0	28.347	15.507	0.0	30.173	15.019	0.0	353.603	12.136	0.0	15.299	12.191	0.0	1.905	0.0	0.0	1.964	0.0	0.0	2.029	0.0	0.0	2.043	0.0
103	4709	4710	SN	1	0.0	25.738	10.953	0.0	148.127	10.74	0.0	154.933	6.007	0.0	56.253	5.782	0.0	1.932	0.0	0.0	1.976	0.0	0.0	2.085	0.0	0.0	2.116	0.0
104	4709	4710	SN	1	0.0	37.701	15.942	0.0	45.287	13.939	0.0	171.037	15.405	0.0	57.009	14.99	0.0	1.921	0.0	0.0	1.953	0.0	0.0	2.09	0.0	0.0	2.13	0.0
105	4709	4710	SN	1	0.0	25.738	10.951	0.0	148.127	10.738	0.0	154.933	6.002	0.0	125.193	5.788	0.0	1.932	0.0	0.0	1.976	0.0	0.0	2.085	0.0	0.0	2.116	0.0

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

106	4709	4710	SN	1	0.0	37.701	16.122	0.0	45.287	13.539	0.0	171.037	15.869	0.0	15.58	14.482	0.0	1.921	0.0	0.0	1.953	0.0	0.0	2.09	0.0	0.0	2.13	0.0
107	4709	4710	SN	1	0.0	37.701	15.928	0.0	45.287	13.939	0.0	171.037	15.414	0.0	57.009	14.99	0.0	1.921	0.0	0.0	1.953	0.0	0.0	2.09	0.0	0.0	2.13	0.0
108	4709	4710	SN	1	0.0	25.738	11.098	0.0	148.127	10.767	0.0	154.933	6.226	0.0	15.497	5.757	0.0	1.932	0.0	0.0	1.976	0.0	0.0	2.085	0.0	0.0	2.116	0.0
109	4710	4711	SN	1	0.0	26.185	11.025	0.0	28.369	10.757	0.0	167.932	6.156	0.0	15.514	5.844	0.0	1.933	0.0	0.0	1.977	0.0	0.0	2.086	0.0	0.0	2.116	0.0
110	4710	4711	SN	1	0.0	34.017	15.964	0.0	28.634	13.93	0.0	157.315	15.405	0.0	136.074	15.06	0.0	1.923	0.0	0.0	1.976	0.0	0.0	2.089	0.0	0.0	2.126	0.0
111	4710	4711	NS	1	0.0	25.976	8.797	0.0	26.069	9.074	0.0	136.582	2.597	0.0	24.056	2.786	0.0	1.893	0.0	0.0	1.949	0.0	0.0	2.021	0.0	0.0	2.055	0.0
112	4710	4711	SN	1	0.0	26.185	10.978	0.0	28.369	10.75	0.0	167.932	6.082	0.0	133.686	5.907	0.0	1.933	0.0	0.0	1.977	0.0	0.0	2.086	0.0	0.0	2.116	0.0
113	4710	4711	NS	1	0.0	28.292	15.411	0.0	33.211	15.532	0.0	355.285	11.884	0.0	37.888	12.576	0.0	1.905	0.0	0.0	1.953	0.0	0.0	2.028	0.0	0.0	2.055	0.0
114	4710	4711	SN	1	0.0	26.185	10.978	0.0	28.369	10.75	0.0	167.932	6.082	0.0	133.686	5.909	0.0	1.933	0.0	0.0	1.977	0.0	0.0	2.086	0.0	0.0	2.116	0.0
115	4710	4711	SN	1	0.0	34.017	15.964	0.0	28.634	13.93	0.0	157.315	15.405	0.0	136.074	15.06	0.0	1.923	0.0	0.0	1.976	0.0	0.0	2.089	0.0	0.0	2.126	0.0
116	4710	4711	NS	1	0.0	25.976	8.797	0.0	26.069	9.074	0.0	136.582	2.597	0.0	24.056	2.786	0.0	1.893	0.0	0.0	1.949	0.0	0.0	2.021	0.0	0.0	2.055	0.0
117	4710	4711	NS	1	0.0	28.292	15.411	0.0	33.211	15.532	0.0	355.285	11.884	0.0	37.888	12.576	0.0	1.905	0.0	0.0	1.953	0.0	0.0	2.028	0.0	0.0	2.055	0.0
118	4710	4711	SN	1	0.0	34.017	16.014	0.0	28.628	13.754	0.0	157.315	15.562	0.0	20.224	14.826	0.0	1.923	0.0	0.0	1.976	0.0	0.0	2.089	0.0	0.0	2.126	0.0
119	4711	4712	NS	1	0.0	27.735	15.421	0.0	33.244	15.522	0.0	354.557	11.844	0.0	39.399	12.512	0.0	1.907	0.0	0.0	1.951	0.0	0.0	2.029	0.0	0.0	2.055	0.0
120	4711	4712	SN	1	0.0	34.005	15.953	0.0	28.628	13.915	0.0	164.038	15.328	0.0	70.73	15.034	0.0	1.91	0.0	0.0	1.954	0.0	0.0	2.089	0.0	0.0	2.127	0.0
121	4711	4712	SN	1	0.0	34.005	15.96	0.0	28.623	13.874	0.0	164.088	15.32	0.0	70.697	15.027	0.0	1.914	0.0	0.0	1.954	0.0	0.0	2.089	0.0	0.0	2.127	0.0
122	4711	4712	SN	1	0.0	26.125	10.985	0.0	28.369	10.743	0.0	148.949	6.118	0.0	139.648	5.93	0.0	1.933	0.0	0.0	1.978	0.0	0.0	2.086	0.0	0.0	2.116	0.0
123	4711	4712	SN	1	0.0	26.125	11.02	0.0	28.369	10.75	0.0	148.949	6.184	0.0	15.497	5.871	0.0	1.933	0.0	0.0	1.978	0.0	0.0	2.086	0.0	0.0	2.116	0.0
124	4711	4712	SN	1	0.0	34.005	16.009	0.0	28.623	13.744	0.0	164.088	15.447	0.0	20.372	14.848	0.0	1.914	0.0	0.0	1.954	0.0	0.0	2.089	0.0	0.0	2.127	0.0
125	4711	4712	NS	1	0.0	25.97	8.747	0.0	26.064	9.048	0.0	129.208	2.589	0.0	59.242	2.749	0.0	1.895	0.0	0.0	1.943	0.0	0.0	2.024	0.0	0.0	2.057	0.0
126	4711	4712	NS	1	0.0	25.97	8.749	0.0	26.058	9.022	0.0	354.027	2.578	0.0	23.891	2.763	0.0	1.895	0.0	0.0	1.943	0.0	0.0	2.023	0.0	0.0	2.057	0.0
127	4711	4712	SN	1	0.0	26.125	10.98	0.0	28.369	10.743	0.0	148.844	6.13	0.0	64.707	5.938	0.0	1.933	0.0	0.0	1.978	0.0	0.0	2.086	0.0	0.0	2.116	0.0
128	4711	4712	NS	1	0.0	27.735	15.325	0.0	33.189	15.476	0.0	354.557	11.89	0.0	36.013	12.537	0.0	1.907	0.0	0.0	1.952	0.0	0.0	2.029	0.0	0.0	2.04	0.0
129	4712	4713	SN	1	0.0	34.077	15.927	0.0	27.989	13.69	0.0	167.689	15.509	0.0	18.415	14.74	0.0	1.921	0.0	0.0	1.944	0.0	0.0	2.089	0.0	0.0	2.111	0.0
130	4712	4713	NS	1	0.0	27.652	15.308	0.0	33.162	15.504	0.0	146.707	11.806	0.0	50.931	12.556	0.0	1.904	0.0	0.0	1.949	0.0	0.0	2.028	0.0	0.0	2.04	0.0
131	4712	4713	SN	1	0.0	25.739	11.02	0.0	28.375	10.794	0.0	157.729	6.151	0.0	132.286	5.975	0.0	1.939	0.0	0.0	1.972	0.0	0.0	2.087	0.0	0.0	2.115	0.0
132	4712	4713	NS	1	0.0	28.347	15.283	0.0	33.162	15.486	0.0	142.56	11.84	0.0	47.837	12.573	0.0	1.905	0.0	0.0	1.926	0.0	0.0	2.028	0.0	0.0	2.04	0.0
133	4712	4713	SN	1	0.0	25.739	11.022	0.0	28.375	10.796	0.0	157.729	6.157	0.0	59.876	5.975	0.0	1.939	0.0	0.0	1.972	0.0	0.0	2.087	0.0	0.0	2.115	0.0
134	4712	4713	SN	1	0.0	34.077	15.834	0.0	28.358	13.924	0.0	167.689	15.318	0.0	57.075	15.03	0.0	1.921	0.0	0.0	1.944	0.0	0.0	2.089	0.0	0.0	2.111	0.0
135	4712	4713	SN	1	0.0	25.739	11.074	0.0	28.375	10.796	0.0	157.729	6.25	0.0	15.514	5.906	0.0	1.939	0.0	0.0	1.972	0.0	0.0	2.087	0.0	0.0	2.115	0.0
136	4712	4713	NS	1	0.0	25.981	8.755	0.0	26.053	9.012	0.0	149.906	2.583	0.0	56.077	2.739	0.0	1.893	0.0	0.0	1.942	0.0	0.0	2.022	0.0	0.0	2.055	0.0
137	4712	4713	NS	1	0.0	25.981	8.762	0.0	26.053	9.039	0.0	148.93	2.579	0.0	37.21	2.741	0.0	1.892	0.0	0.0	1.943	0.0	0.0	2.023	0.0	0.0	2.055	0.0
138	4712	4713	SN	1	0.0	34.077	15.842	0.0	28.353	13.924	0.0	167.684	15.321	0.0	57.058	15.03	0.0	1.921	0.0	0.0	1.944	0.0	0.0	2.089	0.0	0.0	2.11	0.0
139	4713	4714	SN	1	0.0	27.194	11.038	0.0	28.369	10.784	0.0	189.319	6.145	0.0	153.176	5.969	0.0	1.935	0.0	0.0	1.971	0.0	0.0	2.087	0.0	0.0	2.114	0.0
140	4713	4714	NS	1	0.0	141.38	15.334	0.0	37.48	15.497	0.0	355.235	11.889	0.0	49.58	12.651	0.0	1.904	0.0	0.0	1.92	0.0	0.0	2.027	0.0	0.0	2.029	0.0
141	4713	4714	NS	1	0.0	153.154	15.438	0.0	33.2	15.493	0.0	355.235	11.906	0.0	37.772	12.627	0.0	1.904	0.0	0.0	1.944	0.0	0.0	2.028	0.0	0.0	2.046	0.0
142	4713	4714	SN	1	0.0	37.259	15.992	0.0	27.228	13.534	0.0	192.286	15.63	0.0	15.762	14.593	0.0	1.915	0.0	0.0	1.971	0.0	0.0	2.091	0.0	0.0	2.09	0.0

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

143	4713	4714	SN	1	0.0	38.351	16.02	0.0	27.228	13.561	0.0	192.33	15.652	0.0	15.861	14.598	0.0	1.915	0.0	0.0	1.979	0.0	0.0	2.091	0.0	0.0	2.09	0.0
144	4713	4714	SN	1	0.0	38.351	15.892	0.0	28.551	13.852	0.0	192.33	15.338	0.0	66.312	15.048	0.0	1.915	0.0	0.0	1.979	0.0	0.0	2.091	0.0	0.0	2.09	0.0
145	4713	4714	NS	1	0.0	261.414	8.776	0.0	26.053	9.063	0.0	119.695	2.592	0.0	33.796	2.733	0.0	1.893	0.0	0.0	1.937	0.0	0.0	2.022	0.0	0.0	2.046	0.0
146	4713	4714	NS	1	0.0	83.042	8.771	0.0	26.053	9.084	0.0	157.373	2.614	0.0	44.716	2.75	0.0	1.894	0.0	0.0	1.937	0.0	0.0	2.023	0.0	0.0	2.046	0.0
147	4713	4714	SN	1	0.0	27.194	11.128	0.0	28.369	10.816	0.0	187.46	6.313	0.0	15.508	5.9	0.0	1.934	0.0	0.0	1.971	0.0	0.0	2.087	0.0	0.0	2.114	0.0
148	4713	4714	SN	1	0.0	27.194	11.128	0.0	28.369	10.79	0.0	189.319	6.299	0.0	15.508	5.918	0.0	1.935	0.0	0.0	1.971	0.0	0.0	2.087	0.0	0.0	2.114	0.0
149	4714	4715	SN	1	0.0	37.292	16.002	0.0	28.65	13.886	0.0	188.712	15.448	0.0	50.611	15.027	0.0	1.912	0.0	0.0	1.949	0.0	0.0	2.09	0.0	0.0	2.125	0.0
150	4714	4715	NS	1	0.0	25.965	8.837	0.0	26.064	9.116	0.0	353.956	2.588	0.0	26.202	2.757	0.0	1.894	0.0	0.0	1.93	0.0	0.0	2.02	0.0	0.0	2.048	0.0
151	4714	4715	SN	1	0.0	25.904	11.064	0.0	28.369	10.822	0.0	176.441	6.117	0.0	147.557	5.979	0.0	1.936	0.0	0.0	1.97	0.0	0.0	2.086	0.0	0.0	2.112	0.0
152	4714	4715	NS	1	0.0	27.729	15.401	0.0	33.184	15.504	0.0	125.309	11.95	0.0	39.383	12.599	0.0	1.903	0.0	0.0	1.936	0.0	0.0	2.028	0.0	0.0	2.046	0.0
153	4715	4716	SN	1	0.0	35.489	15.913	0.0	28.634	13.926	0.0	174.721	15.422	0.0	57.505	14.996	0.0	1.929	0.0	0.0	1.975	0.0	0.0	2.09	0.0	0.0	2.124	0.0
154	4715	4716	NS	1	0.0	27.768	15.428	0.0	33.118	15.529	0.0	136.196	11.969	0.0	48.063	12.626	0.0	1.905	0.0	0.0	1.913	0.0	0.0	2.028	0.0	0.0	2.038	0.0
155	4715	4716	NS	1	0.0	25.976	8.887	0.0	26.218	9.197	0.0	352.571	2.584	0.0	64.713	2.834	0.0	1.893	0.0	0.0	1.915	0.0	0.0	2.021	0.0	0.0	2.041	0.0
156	4715	4716	SN	1	0.0	26.715	11.069	0.0	28.369	10.806	0.0	165.422	6.059	0.0	56.242	5.901	0.0	1.936	0.0	0.0	1.971	0.0	0.0	2.085	0.0	0.0	2.112	0.0
157	4716	4717	SN	1	0.0	35.853	15.875	0.0	28.606	13.893	0.0	153.797	15.403	0.0	67.118	14.977	0.0	1.921	0.0	0.0	1.966	0.0	0.0	2.089	0.0	0.0	2.091	0.0
158	4716	4717	NS	1	0.0	27.09	15.351	0.0	33.173	15.507	0.0	355.263	12.046	0.0	38.235	12.668	0.0	1.904	0.0	0.0	1.914	0.0	0.0	2.028	0.0	0.0	2.035	0.0
159	4716	4717	SN	1	0.0	35.853	15.875	0.0	28.606	13.893	0.0	153.797	15.403	0.0	67.118	14.977	0.0	1.921	0.0	0.0	1.966	0.0	0.0	2.089	0.0	0.0	2.091	0.0
160	4716	4717	SN	1	0.0	26.489	10.995	0.0	28.364	10.767	0.0	158.81	5.976	0.0	142.544	5.833	0.0	1.935	0.0	0.0	1.97	0.0	0.0	2.086	0.0	0.0	2.11	0.0
161	4716	4717	NS	1	0.0	27.729	15.361	0.0	33.178	15.548	0.0	355.263	12.039	0.0	38.263	12.675	0.0	1.904	0.0	0.0	1.914	0.0	0.0	2.028	0.0	0.0	2.036	0.0
162	4716	4717	SN	1	0.0	26.489	10.995	0.0	28.364	10.767	0.0	158.81	5.976	0.0	142.544	5.833	0.0	1.935	0.0	0.0	1.97	0.0	0.0	2.086	0.0	0.0	2.11	0.0
163	4716	4717	NS	1	0.0	25.976	8.978	0.0	27.437	9.202	0.0	136.256	2.571	0.0	24.238	2.864	0.0	1.894	0.0	0.0	1.903	0.0	0.0	2.021	0.0	0.0	2.031	0.0
164	4716	4717	NS	1	0.0	25.976	9.01	0.0	27.437	9.207	0.0	136.174	2.576	0.0	24.249	2.858	0.0	1.894	0.0	0.0	1.904	0.0	0.0	2.021	0.0	0.0	2.031	0.0
165	4716	4717	SN	1	0.0	26.489	11.336	0.0	28.364	10.916	0.0	158.81	6.468	0.0	15.486	5.93	0.0	1.935	0.0	0.0	1.97	0.0	0.0	2.086	0.0	0.0	2.11	0.0
166	4716	4717	SN	1	0.0	35.853	16.255	0.0	26.841	13.275	0.0	153.797	16.231	0.0	15.569	14.248	0.0	1.921	0.0	0.0	1.966	0.0	0.0	2.089	0.0	0.0	2.091	0.0
167	4717	4718	SN	1	0.0	25.97	10.963	0.0	28.369	10.77	0.0	158.44	5.858	0.0	145.985	5.804	0.0	1.935	0.0	0.0	1.971	0.0	0.0	2.086	0.0	0.0	2.111	0.0
168	4717	4718	NS	1	0.0	25.965	8.996	0.0	26.047	9.191	0.0	123.693	2.58	0.0	22.049	2.864	0.0	1.893	0.0	0.0	1.902	0.0	0.0	2.023	0.0	0.0	2.025	0.0
169	4717	4718	NS	1	0.0	25.965	8.996	0.0	26.047	9.191	0.0	123.693	2.58	0.0	22.049	2.864	0.0	1.893	0.0	0.0	1.902	0.0	0.0	2.023	0.0	0.0	2.025	0.0
170	4717	4718	NS	1	0.0	28.303	15.379	0.0	33.173	15.464	0.0	354.496	11.949	0.0	36.548	12.742	0.0	1.904	0.0	0.0	1.913	0.0	0.0	2.029	0.0	0.0	2.029	0.0
171	4717	4718	SN	1	0.0	38.042	15.943	0.0	28.645	13.897	0.0	157.117	15.328	0.0	56.082	14.916	0.0	1.933	0.0	0.0	1.95	0.0	0.0	2.088	0.0	0.0	2.127	0.0
172	4717	4718	NS	1	0.0	28.303	15.379	0.0	33.173	15.464	0.0	354.496	11.949	0.0	36.548	12.742	0.0	1.904	0.0	0.0	1.913	0.0	0.0	2.029	0.0	0.0	2.029	0.0
173	4718	4719	SN	1	0.0	27.228	10.977	0.0	28.375	10.759	0.0	156.764	5.861	0.0	134.437	5.805	0.0	1.934	0.0	0.0	1.973	0.0	0.0	2.085	0.0	0.0	2.11	0.0
174	4718	4719	SN	1	0.0	37.656	15.966	0.0	28.639	14.008	0.0	164.904	15.381	0.0	57.422	14.954	0.0	1.914	0.0	0.0	1.957	0.0	0.0	2.09	0.0	0.0	2.126	0.0
175	4718	4719	NS	1	0.0	25.954	9.053	0.0	27.393	9.203	0.0	139.67	2.589	0.0	56.711	2.876	0.0	1.893	0.0	0.0	1.903	0.0	0.0	2.025	0.0	0.0	2.024	0.0
176	4718	4719	NS	1	0.0	27.079	15.438	0.0	33.118	15.467	0.0	137.784	12.039	0.0	48.344	12.673	0.0	1.904	0.0	0.0	1.914	0.0	0.0	2.029	0.0	0.0	2.029	0.0
177	4719	4720	NS	1	0.0	25.965	9.086	0.0	26.009	9.266	0.0	138.755	2.582	0.0	41.567	2.896	0.0	1.894	0.0	0.0	1.903	0.0	0.0	2.024	0.0	0.0	2.026	0.0
178	4719	4720	NS	1	0.0	27.04	15.39	0.0	33.156	15.583	0.0	354.959	12.092	0.0	37.976	12.718	0.0	1.906	0.0	0.0	1.915	0.0	0.0	2.028	0.0	0.0	2.029	0.0
179	4719	4720	NS	1	0.0	27.04	15.39	0.0	33.156	15.583	0.0	354.959	12.092	0.0	37.96	12.725	0.0	1.906	0.0	0.0	1.915	0.0	0.0	2.028	0.0	0.0	2.029	0.0

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

180	4719	4720	SN	1	0.0	25.733	10.998	0.0	28.364	10.785	0.0	172.746	5.882	0.0	133.521	5.831	0.0	1.933	0.0	0.0	1.97	0.0	0.0	2.088	0.0	0.0	2.11	0.0
181	4719	4720	SN	1	0.0	34.778	15.878	0.0	28.0	13.935	0.0	163.299	15.405	0.0	66.814	14.92	0.0	1.912	0.0	0.0	1.937	0.0	0.0	2.09	0.0	0.0	2.116	0.0
182	4719	4720	NS	1	0.0	25.965	9.086	0.0	26.009	9.264	0.0	138.755	2.584	0.0	41.594	2.896	0.0	1.894	0.0	0.0	1.903	0.0	0.0	2.024	0.0	0.0	2.026	0.0
183	4720	4721	SN	1	0.0	38.037	15.878	0.0	28.579	13.88	0.0	176.971	15.456	0.0	70.129	14.941	0.0	1.914	0.0	0.0	1.98	0.0	0.0	2.091	0.0	0.0	2.102	0.0
184	4720	4721	NS	1	0.0	27.123	15.348	0.0	30.233	15.248	0.0	142.72	12.248	0.0	17.554	12.468	0.0	1.904	0.0	0.0	1.914	0.0	0.0	2.029	0.0	0.0	2.03	0.0
185	4720	4721	NS	1	0.0	25.965	9.127	0.0	26.003	9.289	0.0	125.447	2.626	0.0	13.175	2.79	0.0	1.894	0.0	0.0	1.902	0.0	0.0	2.023	0.0	0.0	2.027	0.0
186	4720	4721	NS	1	0.0	25.965	9.079	0.0	27.205	9.317	0.0	125.447	2.601	0.0	21.911	2.897	0.0	1.894	0.0	0.0	1.902	0.0	0.0	2.023	0.0	0.0	2.027	0.0
187	4720	4721	SN	1	0.0	27.068	10.987	0.0	28.364	10.779	0.0	171.472	5.9	0.0	144.43	5.758	0.0	1.933	0.0	0.0	1.971	0.0	0.0	2.087	0.0	0.0	2.116	0.0
188	4720	4721	NS	1	0.0	27.123	15.308	0.0	33.868	15.485	0.0	142.72	12.126	0.0	38.384	12.793	0.0	1.904	0.0	0.0	1.914	0.0	0.0	2.029	0.0	0.0	2.03	0.0
189	4721	4722	NS	1	0.0	27.123	15.456	0.0	33.145	15.502	0.0	333.412	12.141	0.0	36.697	12.718	0.0	1.907	0.0	0.0	1.916	0.0	0.0	2.029	0.0	0.0	2.032	0.0
190	4721	4722	NS	1	0.0	25.987	9.104	0.0	25.998	9.375	0.0	289.783	2.605	0.0	56.308	2.979	0.0	1.894	0.0	0.0	1.904	0.0	0.0	2.023	0.0	0.0	2.026	0.0
191	4721	4722	SN	1	0.0	26.455	10.956	0.0	28.375	10.763	0.0	173.634	5.862	0.0	133.764	5.758	0.0	1.932	0.0	0.0	1.969	0.0	0.0	2.086	0.0	0.0	2.111	0.0
192	4721	4722	NS	1	0.0	27.123	15.611	0.0	30.244	14.996	0.0	333.412	12.465	0.0	13.49	12.051	0.0	1.907	0.0	0.0	1.916	0.0	0.0	2.029	0.0	0.0	2.032	0.0
193	4721	4722	SN	1	0.0	38.28	16.006	0.0	28.634	13.919	0.0	180.352	15.408	0.0	57.367	14.926	0.0	1.913	0.0	0.0	1.95	0.0	0.0	2.092	0.0	0.0	2.125	0.0
194	4721	4722	NS	1	0.0	25.987	9.186	0.0	25.998	9.334	0.0	289.783	2.688	0.0	11.758	2.812	0.0	1.894	0.0	0.0	1.904	0.0	0.0	2.023	0.0	0.0	2.026	0.0
195	4722	4723	NS	1	0.0	25.987	9.273	0.0	25.992	9.446	0.0	355.285	2.839	0.0	11.763	2.914	0.0	1.893	0.0	0.0	1.904	0.0	0.0	2.023	0.0	0.0	2.024	0.0
196	4722	4723	NS	1	0.0	27.636	15.727	0.0	30.261	14.812	0.0	359.112	12.899	0.0	13.181	11.861	0.0	1.903	0.0	0.0	1.916	0.0	0.0	2.029	0.0	0.0	2.03	0.0

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