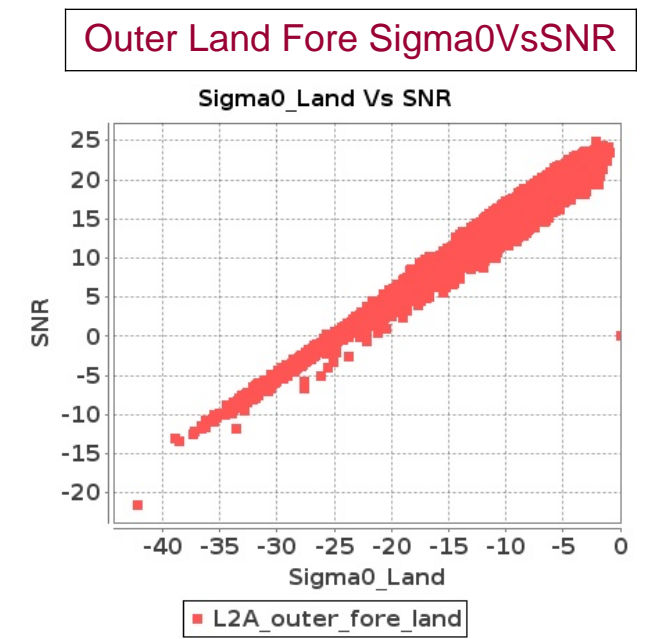
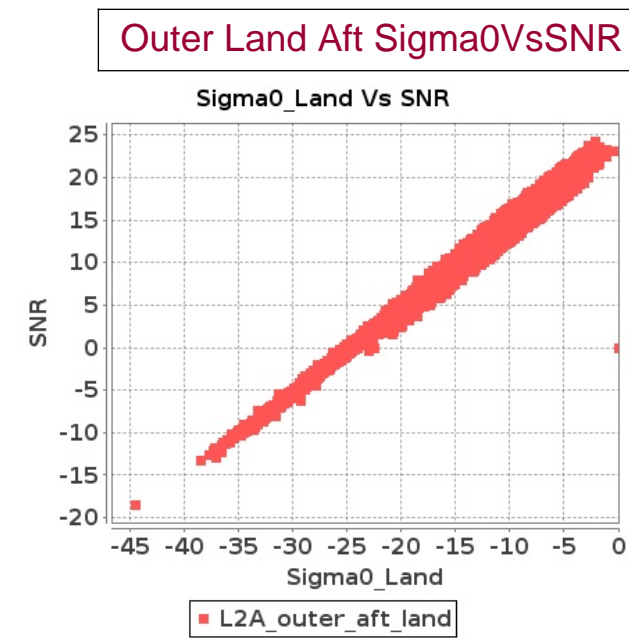
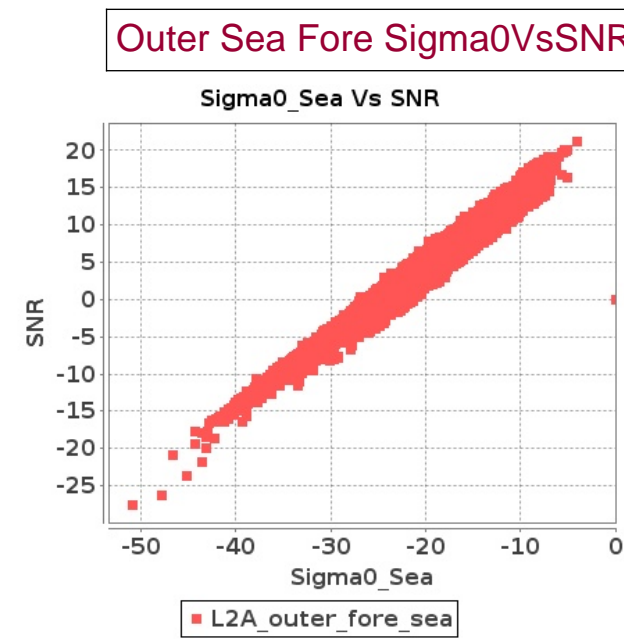
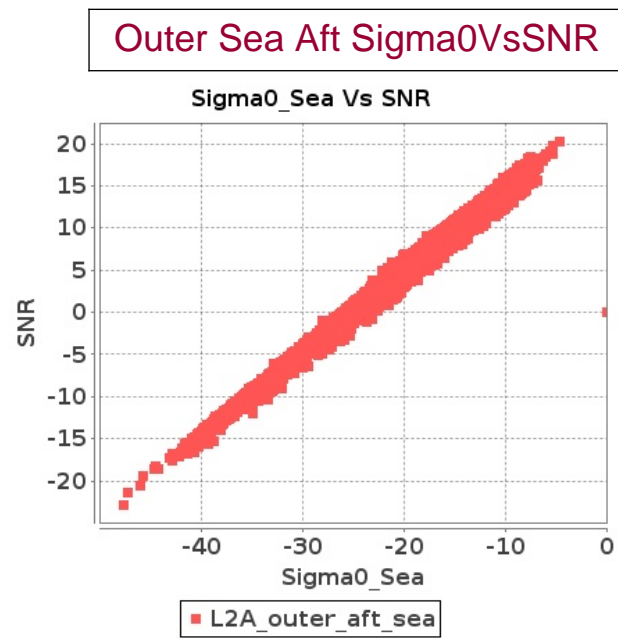
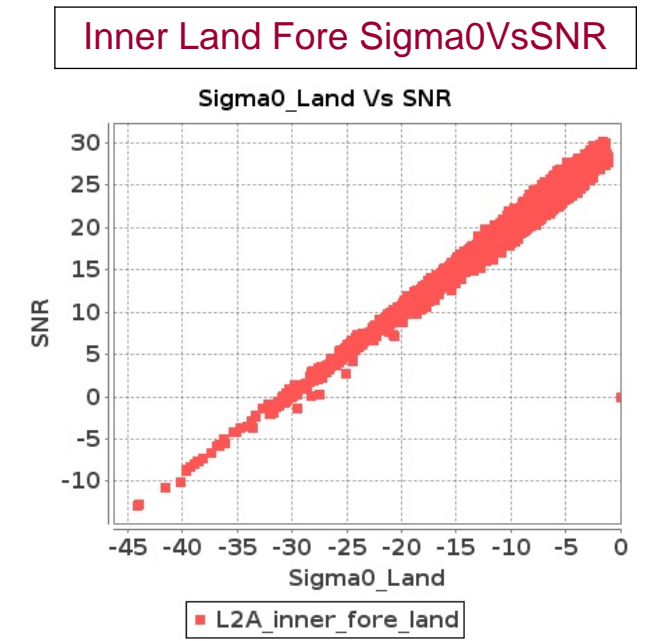
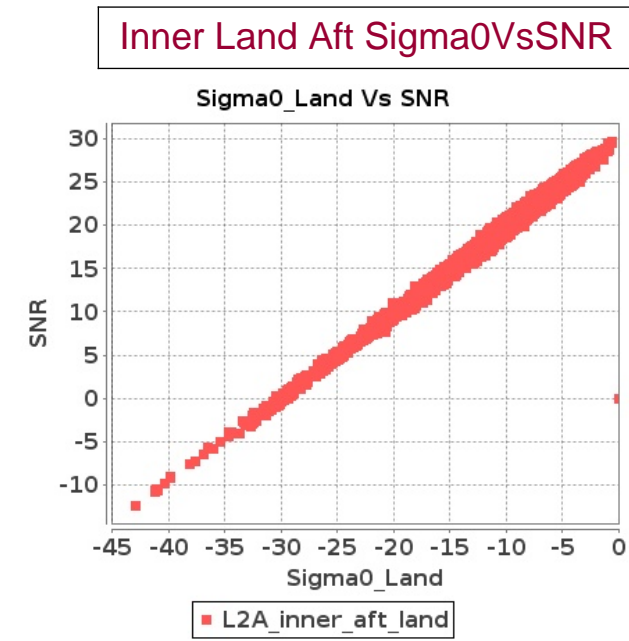
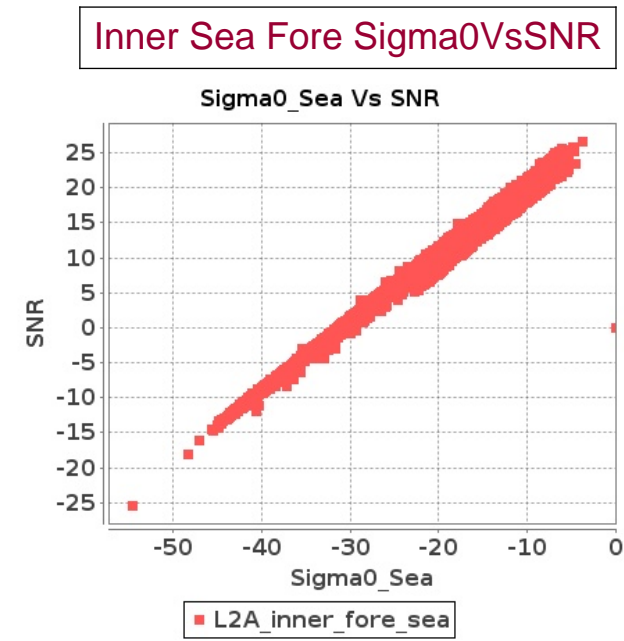
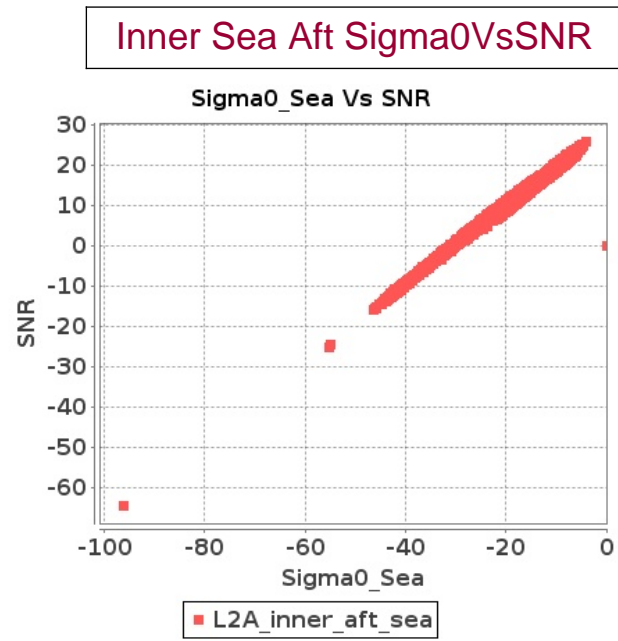


# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 14-APR-2019 To 15-APR-2019



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

Report between 14-APR-2019 To 15-APR-2019

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	13482	13483	SN	1	0.0	47.423	3.316	0.0	55.65	4.354	0.0	45.398	2.422	0.0	49.388	3.495	0.0	48.482	3.469	0.0	56.093	4.134	0.0	46.568	2.365	0.0	46.964	3.078
2	13482	13483	SN	1	0.0	47.317	0.789	0.0	44.151	1.187	0.0	38.356	0.624	0.0	39.178	1.093	0.0	47.417	0.823	0.0	42.387	1.075	0.0	38.881	0.569	0.0	37.95	0.889
3	13483	13484	SN	1	0.0	52.802	4.669	0.0	46.311	5.755	0.0	38.596	4.206	0.0	44.769	5.598	0.0	52.603	4.853	0.0	48.108	5.956	0.0	39.455	4.32	0.0	44.019	5.636
4	13483	13484	SN	1	0.0	39.639	1.294	0.0	39.337	1.673	0.0	35.709	1.283	0.0	37.744	1.939	0.0	39.976	1.315	0.0	40.293	1.687	0.0	34.339	1.265	0.0	37.11	1.915
5	13483	13484	NS	1	0.0	50.206	1.552	0.0	49.436	1.99	0.0	40.412	1.477	0.0	43.714	1.838	0.0	49.967	1.541	0.0	47.189	2.007	0.0	40.246	1.459	0.0	45.71	1.81
6	13483	13484	NS	1	0.0	46.077	5.192	0.0	51.948	6.234	0.0	48.364	4.512	0.0	46.644	5.828	0.0	46.267	5.324	0.0	50.915	6.15	0.0	49.394	4.76	0.0	48.258	5.701
7	13484	13485	NS	1	0.0	53.857	5.308	0.0	50.941	6.789	0.0	43.655	5.847	0.0	44.133	6.891	0.0	54.698	5.42	0.0	51.695	6.941	0.0	44.48	6.188	0.0	41.578	7.474
8	13484	13485	SN	1	0.0	39.879	0.87	0.0	40.542	1.099	0.0	38.103	1.113	0.0	39.306	1.589	0.0	39.89	0.836	0.0	38.382	1.003	0.0	36.955	1.047	0.0	37.903	1.315
9	13484	13485	NS	1	0.0	49.897	1.75	0.0	48.857	2.339	0.0	37.829	1.769	0.0	39.179	2.36	0.0	49.485	1.806	0.0	52.978	2.405	0.0	37.169	1.909	0.0	39.24	2.435
10	13484	13485	SN	1	0.0	45.018	2.845	0.0	51.34	3.519	0.0	42.238	3.42	0.0	44.964	4.453	0.0	45.273	2.866	0.0	50.211	3.25	0.0	40.393	3.275	0.0	43.712	3.983
11	13484	13485	SN	1	0.0	42.041	0.872	0.0	40.159	1.108	0.0	41.843	1.142	0.0	38.526	1.612	0.0	43.256	0.846	0.0	38.991	1.025	0.0	42.511	1.049	0.0	38.625	1.322
12	13484	13485	SN	1	0.0	44.581	2.818	0.0	54.19	3.445	0.0	41.481	3.438	0.0	46.718	4.492	0.0	44.836	2.838	0.0	52.064	3.139	0.0	40.126	3.225	0.0	45.459	3.857
13	13485	13486	NS	1	0.0	49.909	1.447	0.0	45.513	2.121	0.0	39.798	1.297	0.0	45.44	2.047	0.0	50.135	1.447	0.0	43.972	2.03	0.0	40.322	1.307	0.0	47.54	1.905
14	13485	13486	SN	1	0.0	47.074	4.011	0.0	50.76	5.132	0.0	43.992	3.814	0.0	40.353	5.352	0.0	48.747	4.103	0.0	51.49	4.884	0.0	44.091	3.75	0.0	37.978	5.062
15	13485	13486	SN	1	0.0	45.426	1.107	0.0	38.333	1.593	0.0	43.188	1.246	0.0	38.157	1.96	0.0	45.375	1.118	0.0	37.928	1.496	0.0	42.084	1.205	0.0	39.06	1.709
16	13485	13486	NS	1	0.0	51.379	6.158	0.0	47.886	7.388	0.0	44.749	4.79	0.0	50.943	6.418	0.0	51.595	6.158	0.0	48.288	7.245	0.0	44.277	4.69	0.0	53.311	6.058
17	13486	13487	SN	1	0.0	45.262	3.94	0.0	49.331	5.12	0.0	43.91	3.843	0.0	41.105	5.819	0.0	45.785	3.909	0.0	48.216	4.699	0.0	45.71	3.864	0.0	44.149	4.868
18	13486	13487	NS	1	0.0	44.611	0.714	0.0	42.911	0.967	0.0	40.114	0.701	0.0	41.995	1.307	0.0	43.911	0.726	0.0	45.322	0.873	0.0	40.366	0.633	0.0	40.942	1.081
19	13486	13487	SN	1	0.0	47.768	1.041	0.0	44.277	1.382	0.0	37.475	1.234	0.0	39.993	1.844	0.0	46.912	1.016	0.0	46.484	1.206	0.0	36.84	1.188	0.0	42.32	1.566
20	13486	13487	NS	1	0.0	46.65	2.561	0.0	51.756	3.536	0.0	42.9	2.56	0.0	42.92	4.072	0.0	46.71	2.561	0.0	51.139	3.127	0.0	42.613	2.403	0.0	41.966	3.624
21	13487	13488	SN	1	0.0	53.05	4.6	0.0	51.695	7.152	0.0	44.39	4.352	0.0	46.772	6.241	0.0	51.865	4.568	0.0	53.506	6.705	0.0	41.528	4.164	0.0	44.045	5.648
22	13487	13488	NS	1	0.0	51.099	3.985	0.0	48.562	5.199	0.0	47.954	4.161	0.0	44.343	5.943	0.0	50.304	4.057	0.0	48.296	4.751	0.0	49.834	3.939	0.0	45.971	5.154
23	13487	13488	SN	1	0.0	46.155	1.368	0.0	46.101	2.154	0.0	40.289	1.192	0.0	43.567	2.027	0.0	46.878	1.356	0.0	45.616	1.997	0.0	39.662	1.143	0.0	45.707	1.749
24	13487	13488	NS	1	0.0	47.126	1.067	0.0	49.635	1.509	0.0	39.81	1.173	0.0	43.68	1.798	0.0	46.26	1.079	0.0	47.419	1.404	0.0	38.979	1.119	0.0	40.589	1.57
25	13489	13490	SN	1	0.0	46.572	2.175	0.0	48.014	3.027	0.0	43.389	1.694	0.0	54.529	2.137	0.0	46.784	2.183	0.0	47.406	2.953	0.0	43.184	1.68	0.0	49.173	2.113
26	13489	13490	SN	1	0.0	55.791	7.487	0.0	55.607	8.864	0.0	48.041	6.178	0.0	50.742	7.588	0.0	56.454	7.51	0.0	55.582	8.753	0.0	46.733	6.219	0.0	48.576	7.554
27	13489	13490	SN	1	0.0	46.572	2.003	0.0	48.014	2.751	0.0	43.389	1.557	0.0	54.529	2.1	0.0	46.784	2.0	0.0	47.406	2.676	0.0	43.184	1.537	0.0	49.173	2.046
28	13489	13490	SN	1	0.0	55.791	6.973	0.0	55.607	8.15	0.0	48.041	5.674	0.0	50.742	7.398	0.0	56.454	6.983	0.0	55.582	8.018	0.0	46.733	5.682	0.0	48.576	7.302
29	13490	13491	NS	1	0.0	51.653	3.991	0.0	55.738	5.023	0.0	45.1	3.172	0.0	46.829	4.721	0.0	51.171	4.123	0.0	55.601	4.524	0.0	43.862	3.072	0.0	49.904	3.935
30	13490	13491	NS	1	0.0	52.118	0.974	0.0	42.292	1.39	0.0	37.145	0.839	0.0	42.182	1.396	0.0	53.633	0.936	0.0	42.144	1.242	0.0	37.377	0.77	0.0	40.609	1.093
31	13490	13491	SN	1	0.0	38.618	1.262	0.0	43.792	1.845	0.0	44.824	1.299	0.0	38.172	1.619	0.0	40.07	1.328	0.0	42.752	1.852	0.0	48.069	1.384	0.0	36.51	1.778

Parameter Specifications	Parameters	SNR	Sigma0	<span style="color: green;">■</span> Normal	<span style="color: yellow;">■</span> Deviations
	Range	20.0	20.0	<span style="color: orange;">■</span> Alarming	<span style="color: red;">■</span> High Errors

32	13490	13491	SN	1	0.0	45.177	4.637	0.0	48.949	5.927	0.0	43.347	4.332	0.0	42.349	5.426	0.0	45.785	4.81	0.0	45.796	5.733	0.0	42.893	4.574	0.0	42.149	5.577
33	13491	13492	NS	1	0.0	45.736	3.355	0.0	53.085	5.077	0.0	47.057	3.462	0.0	46.326	5.092	0.0	46.812	3.447	0.0	50.452	5.026	0.0	45.618	3.597	0.0	42.304	5.114
34	13491	13492	SN	1	0.0	49.205	7.541	0.0	50.191	8.285	0.0	48.573	6.004	0.0	46.309	6.764	0.0	48.724	7.745	0.0	46.94	8.295	0.0	47.011	6.132	0.0	44.126	6.807
35	13491	13492	SN	1	0.0	45.657	1.881	0.0	44.346	2.326	0.0	40.745	1.891	0.0	39.529	2.349	0.0	45.566	1.886	0.0	45.61	2.236	0.0	39.131	1.915	0.0	41.333	2.274
36	13491	13492	NS	1	0.0	45.776	1.049	0.0	45.429	1.673	0.0	41.074	1.056	0.0	40.643	1.768	0.0	45.163	1.042	0.0	44.134	1.655	0.0	39.855	1.058	0.0	39.953	1.689
37	13492	13493	NS	1	0.0	50.411	3.352	0.0	44.4	5.088	0.0	42.853	3.885	0.0	47.044	5.185	0.0	51.278	3.382	0.0	43.859	4.966	0.0	43.636	3.601	0.0	43.38	4.827
38	13492	13493	SN	1	0.0	49.335	5.728	0.0	53.16	6.697	0.0	44.954	4.829	0.0	46.77	6.43	0.0	51.046	5.728	0.0	55.549	6.443	0.0	47.796	4.758	0.0	43.337	6.359
39	13492	13493	NS	1	0.0	42.137	0.977	0.0	39.145	1.589	0.0	42.046	1.271	0.0	44.408	1.878	0.0	43.807	0.975	0.0	41.788	1.507	0.0	38.678	1.201	0.0	40.251	1.612
40	13492	13493	SN	1	0.0	50.26	1.486	0.0	48.251	2.115	0.0	42.047	1.343	0.0	43.229	2.023	0.0	50.357	1.497	0.0	48.805	1.995	0.0	41.872	1.322	0.0	43.861	1.878
41	13493	13494	NS	1	0.0	39.705	0.92	0.0	47.426	1.164	0.0	39.735	1.037	0.0	41.888	1.607	0.0	38.952	0.897	0.0	47.424	1.068	0.0	37.052	0.952	0.0	37.546	1.207
42	13493	13494	NS	1	0.0	42.799	2.915	0.0	42.849	3.821	0.0	39.667	3.165	0.0	39.735	4.309	0.0	42.922	2.925	0.0	45.288	3.678	0.0	39.16	3.009	0.0	38.973	3.609
43	13493	13494	SN	1	0.0	50.511	3.242	0.0	50.465	4.469	0.0	48.024	2.852	0.0	45.386	4.136	0.0	50.616	3.272	0.0	49.493	4.098	0.0	46.649	2.696	0.0	44.823	3.543
44	13493	13494	SN	1	0.0	46.8	0.89	0.0	45.541	1.3	0.0	39.377	0.718	0.0	41.859	1.121	0.0	46.276	0.904	0.0	49.765	1.261	0.0	41.298	0.675	0.0	38.321	0.917
45	13494	13495	SN	1	0.0	39.846	0.862	0.0	45.282	1.367	0.0	37.403	1.13	0.0	38.751	1.673	0.0	41.613	0.857	0.0	46.872	1.269	0.0	38.224	0.995	0.0	40.304	1.357
46	13494	13495	NS	1	0.0	43.585	0.851	0.0	40.75	1.192	0.0	43.294	0.864	0.0	46.945	1.423	0.0	41.869	0.829	0.0	41.102	1.065	0.0	41.728	0.784	0.0	44.327	1.117
47	13494	13495	NS	1	0.0	47.477	3.513	0.0	46.56	4.265	0.0	41.404	2.859	0.0	46.127	4.046	0.0	47.051	3.554	0.0	47.074	4.048	0.0	39.062	2.575	0.0	46.699	3.444
48	13494	13495	SN	1	0.0	49.598	2.805	0.0	46.36	4.586	0.0	48.608	3.523	0.0	47.819	4.823	0.0	50.287	2.856	0.0	45.979	4.323	0.0	49.616	3.323	0.0	47.433	4.179
49	13495	13496	NS	1	0.0	51.402	1.163	0.0	47.787	1.42	0.0	45.202	0.987	0.0	39.278	1.61	0.0	49.842	1.17	0.0	44.683	1.302	0.0	45.357	0.917	0.0	37.722	1.277
50	13495	13496	SN	1	0.0	38.61	0.967	0.0	47.123	1.478	0.0	38.018	1.24	0.0	39.527	2.007	0.0	38.283	0.969	0.0	46.563	1.351	0.0	35.973	1.157	0.0	35.643	1.714
51	13495	13496	SN	1	0.0	52.957	3.799	0.0	49.147	5.149	0.0	38.878	3.758	0.0	40.159	5.489	0.0	53.135	3.924	0.0	51.007	4.921	0.0	39.487	3.649	0.0	38.748	4.889
52	13495	13496	NS	1	0.0	54.936	3.575	0.0	57.63	4.931	0.0	49.834	3.343	0.0	45.205	5.207	0.0	56.866	3.544	0.0	56.107	4.776	0.0	49.891	3.214	0.0	45.056	4.412
53	13496	13497	SN	1	0.0	46.104	0.591	0.0	38.731	0.922	0.0	42.508	0.544	0.0	36.539	0.811	0.0	47.108	0.577	0.0	38.821	0.836	0.0	44.12	0.49	0.0	40.508	0.695
54	13496	13497	SN	1	0.0	45.514	0.567	0.0	52.03	1.579	0.0	44.482	1.256	0.0	48.604	2.457	0.0	44.899	0.536	0.0	51.892	1.535	0.0	42.479	0.959	0.0	49.687	1.917
55	13496	13497	SN	1	0.0	50.694	1.426	0.0	49.315	3.95	0.0	45.842	3.227	0.0	49.925	5.036	0.0	50.698	1.361	0.0	52.682	3.737	0.0	44.112	2.599	0.0	51.281	4.199
56	13496	13497	SN	1	0.0	52.496	1.848	0.0	53.282	2.71	0.0	40.985	1.934	0.0	42.3	2.632	0.0	52.214	1.891	0.0	55.368	2.548	0.0	42.615	1.763	0.0	41.375	2.128
57	13496	13497	NS	1	0.0	53.851	7.074	0.0	52.691	9.661	0.0	46.144	5.647	0.0	49.176	9.237	0.0	54.637	7.189	0.0	54.913	9.238	0.0	47.309	5.416	0.0	48.084	8.454
58	13496	13497	NS	1	0.0	48.039	2.113	0.0	49.773	2.859	0.0	48.833	1.578	0.0	47.013	2.713	0.0	50.347	2.195	0.0	48.124	2.642	0.0	49.22	1.511	0.0	46.726	2.291
59	13497	13498	NS	1	0.0	51.343	1.812	0.0	49.682	2.24	0.0	44.165	1.51	0.0	44.274	2.074	0.0	51.42	1.776	0.0	48.498	2.1	0.0	42.875	1.446	0.0	44.414	1.81
60	13497	13498	NS	1	0.0	51.343	1.812	0.0	49.682	2.261	0.0	44.422	1.515	0.0	45.821	2.042	0.0	51.42	1.801	0.0	48.498	2.109	0.0	42.875	1.464	0.0	42.809	1.81
61	13497	13498	SN	1	0.0	43.22	3.826	0.0	51.328	4.621	0.0	44.266	3.292	0.0	40.989	4.305	0.0	44.379	3.877	0.0	50.312	4.406	0.0	46.679	3.235	0.0	42.947	3.796
62	13497	13498	SN	1	0.0	44.781	0.992	0.0	40.435	1.271	0.0	36.604	0.859	0.0	38.166	1.302	0.0	44.445	0.985	0.0	41.744	1.201	0.0	38.097	0.834	0.0	39.037	1.128
63	13497	13498	NS	1	0.0	56.923	6.24	0.0	57.989	7.286	0.0	49.837	5.37	0.0	48.098	6.421	0.0	57.352	6.25	0.0	59.102	7.153	0.0	48.529	5.2	0.0	47.835	5.977
64	13497	13498	SN	1	0.0	44.781	0.992	0.0	40.435	1.271	0.0	36.604	0.859	0.0	38.166	1.302	0.0	44.445	0.985	0.0	41.744	1.201	0.0	38.097	0.834	0.0	39.037	1.128
65	13497	13498	NS	1	0.0	56.923	6.27	0.0	57.954	7.306	0.0	49.837	5.363	0.0	48.011	6.442	0.0	57.352	6.24	0.0	59.065	7.133	0.0	48.529	5.115	0.0	47.462	5.992
66	13497	13498	SN	1	0.0	43.22	3.826	0.0	51.328	4.621	0.0	44.266	3.293	0.0	40.989	4.305	0.0	44.379	3.877	0.0	50.312	4.406	0.0	46.679	3.236	0.0	42.947	3.796
67	13498	13499	SN	1	0.0	48.927	5.255	0.0	44.846	6.087	0.0	44.982	4.677	0.0	45.636	6.305	0.0	50.681	5.357	0.0	45.231	6.221	0.0	44.348	4.884	0.0	44.348	6.161

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

68	13498	13499	SN	1	0.0	48.65	5.313	0.0	44.846	6.198	0.0	43.263	4.748	0.0	45.636	6.395	0.0	50.402	5.427	0.0	45.231	6.333	0.0	43.688	4.95	0.0	44.348	6.242
69	13498	13499	SN	1	0.0	48.927	5.255	0.0	44.846	6.087	0.0	44.982	4.677	0.0	45.636	6.305	0.0	50.681	5.357	0.0	45.231	6.221	0.0	44.348	4.884	0.0	44.348	6.161
70	13498	13499	NS	1	0.0	46.159	1.681	0.0	42.272	2.122	0.0	40.202	1.681	0.0	47.119	2.204	0.0	47.181	1.705	0.0	39.704	2.047	0.0	41.032	1.829	0.0	46.878	2.261
71	13498	13499	NS	1	0.0	45.191	1.678	0.0	41.358	2.108	0.0	38.936	1.704	0.0	47.086	2.174	0.0	44.12	1.692	0.0	40.07	2.033	0.0	39.966	1.836	0.0	46.846	2.257
72	13498	13499	SN	1	0.0	42.649	1.446	0.0	48.036	1.931	0.0	40.063	1.482	0.0	41.837	2.125	0.0	43.102	1.462	0.0	49.315	1.921	0.0	37.615	1.459	0.0	42.244	1.995
73	13498	13499	SN	1	0.0	42.649	1.446	0.0	48.036	1.931	0.0	40.063	1.482	0.0	41.837	2.125	0.0	43.102	1.462	0.0	49.315	1.921	0.0	37.615	1.459	0.0	42.244	1.995
74	13498	13499	NS	1	0.0	46.664	5.605	0.0	46.37	6.818	0.0	43.367	5.426	0.0	47.142	6.958	0.0	46.708	5.767	0.0	45.929	6.563	0.0	43.862	5.384	0.0	46.196	6.966
75	13498	13499	NS	1	0.0	46.183	5.544	0.0	46.37	6.747	0.0	43.417	5.511	0.0	47.174	6.951	0.0	46.225	5.767	0.0	48.511	6.553	0.0	43.909	5.476	0.0	46.226	7.009
76	13498	13499	SN	1	0.0	42.649	1.463	0.0	48.036	1.958	0.0	37.097	1.504	0.0	41.837	2.147	0.0	43.018	1.48	0.0	49.315	1.951	0.0	37.161	1.473	0.0	42.244	2.014
77	13499	13500	SN	1	0.0	44.343	0.879	0.0	42.201	1.165	0.0	35.666	1.067	0.0	36.279	1.368	0.0	44.301	0.866	0.0	44.217	1.108	0.0	35.564	0.955	0.0	34.371	1.09
78	13499	13500	NS	1	0.0	44.47	6.94	0.0	52.143	9.445	0.0	47.457	6.169	0.0	46.543	8.271	0.0	44.946	7.285	0.0	53.109	9.781	0.0	49.585	6.545	0.0	43.618	8.669
79	13499	13500	NS	1	0.0	48.121	2.212	0.0	52.143	3.08	0.0	44.569	1.928	0.0	46.231	2.855	0.0	47.865	2.225	0.0	52.09	3.16	0.0	43.286	1.986	0.0	45.859	2.866
80	13499	13500	SN	1	0.0	43.642	2.976	0.0	47.597	3.897	0.0	39.317	3.407	0.0	39.332	4.077	0.0	44.233	2.864	0.0	48.368	3.661	0.0	39.863	3.272	0.0	39.403	3.733
81	13499	13500	SN	1	0.0	43.912	2.965	0.0	47.375	3.897	0.0	38.46	3.379	0.0	39.538	4.077	0.0	44.505	2.884	0.0	48.148	3.661	0.0	39.007	3.243	0.0	39.402	3.725
82	13499	13500	SN	1	0.0	43.745	3.032	0.0	47.597	3.968	0.0	39.039	3.461	0.0	40.647	4.115	0.0	44.338	2.949	0.0	48.368	3.738	0.0	38.55	3.345	0.0	39.905	3.772
83	13499	13500	SN	1	0.0	42.819	0.901	0.0	41.415	1.18	0.0	35.666	1.104	0.0	36.279	1.395	0.0	42.777	0.89	0.0	43.43	1.129	0.0	35.564	0.987	0.0	34.522	1.107
84	13499	13500	SN	1	0.0	46.379	0.87	0.0	41.415	1.167	0.0	35.666	1.069	0.0	36.279	1.372	0.0	46.336	0.866	0.0	43.43	1.115	0.0	35.564	0.964	0.0	34.522	1.091
85	13500	13501	SN	1	0.0	38.955	0.866	0.0	38.163	1.321	0.0	37.702	1.16	0.0	38.087	1.707	0.0	40.732	0.88	0.0	36.748	1.177	0.0	35.839	1.103	0.0	35.277	1.493
86	13500	13501	SN	1	0.0	38.955	0.893	0.0	38.163	1.363	0.0	37.702	1.191	0.0	38.087	1.746	0.0	40.732	0.907	0.0	36.748	1.212	0.0	35.839	1.126	0.0	35.277	1.533
87	13500	13501	NS	1	0.0	41.622	0.637	0.0	47.645	0.753	0.0	40.669	0.601	0.0	40.954	0.718	0.0	42.277	0.646	0.0	47.155	0.682	0.0	41.814	0.569	0.0	39.172	0.599
88	13500	13501	NS	1	0.0	41.404	0.653	0.0	47.757	0.76	0.0	40.601	0.599	0.0	41.569	0.688	0.0	42.155	0.658	0.0	47.268	0.676	0.0	41.748	0.562	0.0	37.389	0.578
89	13500	13501	SN	1	0.0	41.294	2.898	0.0	45.997	4.159	0.0	43.601	3.381	0.0	43.087	5.05	0.0	41.231	2.776	0.0	45.72	3.757	0.0	43.812	3.346	0.0	42.948	4.308
90	13500	13501	SN	1	0.0	41.217	2.867	0.0	45.924	4.169	0.0	42.597	3.282	0.0	44.41	5.072	0.0	41.154	2.766	0.0	43.712	3.809	0.0	42.809	3.289	0.0	44.27	4.272
91	13500	13501	SN	1	0.0	38.67	0.884	0.0	40.005	1.312	0.0	37.688	1.154	0.0	39.554	1.716	0.0	40.445	0.884	0.0	38.769	1.191	0.0	36.562	1.094	0.0	37.35	1.475
92	13500	13501	SN	1	0.0	41.099	2.977	0.0	45.997	4.269	0.0	40.473	3.458	0.0	43.087	5.162	0.0	41.039	2.862	0.0	45.72	3.867	0.0	40.68	3.377	0.0	42.948	4.39
93	13500	13501	NS	1	0.0	49.408	2.772	0.0	54.724	3.295	0.0	43.106	2.358	0.0	48.795	2.945	0.0	50.608	2.742	0.0	53.347	2.939	0.0	43.136	2.173	0.0	46.789	2.511
94	13500	13501	NS	1	0.0	50.247	2.782	0.0	54.193	3.325	0.0	44.366	2.322	0.0	48.929	2.923	0.0	51.457	2.721	0.0	53.297	2.949	0.0	44.396	2.138	0.0	46.953	2.525
95	13501	13502	NS	1	0.0	53.907	1.012	0.0	44.928	1.4	0.0	43.777	0.976	0.0	37.509	1.467	0.0	55.69	0.982	0.0	44.057	1.282	0.0	44.768	0.862	0.0	38.733	1.149
96	13501	13502	SN	1	0.0	44.0	0.897	0.0	46.294	1.196	0.0	42.706	0.974	0.0	42.894	1.533	0.0	44.301	0.888	0.0	49.928	1.101	0.0	43.731	0.897	0.0	43.956	1.222
97	13501	13502	NS	1	0.0	51.164	1.027	0.0	41.276	1.398	0.0	38.621	1.021	0.0	44.841	1.479	0.0	51.485	1.051	0.0	40.843	1.289	0.0	36.905	0.959	0.0	41.316	1.199
98	13501	13502	SN	1	0.0	46.555	0.854	0.0	45.425	1.184	0.0	39.577	0.929	0.0	43.921	1.548	0.0	47.126	0.842	0.0	49.058	1.118	0.0	40.07	0.89	0.0	40.225	1.268
99	13501	13502	NS	1	0.0	55.72	4.011	0.0	48.432	4.727	0.0	47.499	3.329	0.0	43.226	4.767	0.0	55.103	4.031	0.0	46.872	4.448	0.0	47.246	3.293	0.0	45.81	4.102
100	13501	13502	NS	1	0.0	55.466	3.961	0.0	51.877	4.927	0.0	46.159	3.682	0.0	43.619	4.679	0.0	54.65	3.992	0.0	55.104	4.278	0.0	47.181	3.466	0.0	41.841	4.203
101	13501	13502	SN	1	0.0	49.094	3.239	0.0	46.105	4.082	0.0	43.458	3.314	0.0	44.049	4.589	0.0	48.27	3.209	0.0	45.487	3.692	0.0	42.82	3.036	0.0	42.154	3.939
102	13501	13502	SN	1	0.0	46.675	3.27	0.0	46.656	3.959	0.0	41.97	3.214	0.0	43.534	4.551	0.0	48.948	3.239	0.0	46.039	3.641	0.0	42.968	3.029	0.0	43.856	4.022
103	13502	13503	NS	1	0.0	52.742	1.338	0.0	48.005	2.101	0.0	40.513	1.527	0.0	43.262	2.042	0.0	53.077	1.343	0.0	47.094	1.917	0.0	38.686	1.4	0.0	45.128	1.844

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		



104	13502	13503	SN	1	0.0	52.739	7.299	0.0	41.489	9.19	0.0	41.084	7.063	0.0	47.795	8.915	0.0	51.627	7.397	0.0	42.806	10.076	0.0	41.657	7.605	0.0	49.7	9.606
105	13502	13503	NS	1	0.0	52.643	1.375	0.0	48.092	2.078	0.0	40.528	1.509	0.0	43.358	2.055	0.0	52.977	1.393	0.0	47.152	1.882	0.0	38.703	1.372	0.0	45.702	1.827
106	13502	13503	SN	1	0.0	42.368	2.079	0.0	46.894	3.849	0.0	42.259	2.419	0.0	41.13	3.594	0.0	43.053	2.164	0.0	48.003	4.356	0.0	45.108	2.649	0.0	43.571	4.178
107	13502	13503	NS	1	0.0	52.875	5.346	0.0	56.384	6.987	0.0	49.889	4.759	0.0	43.619	6.346	0.0	53.517	5.305	0.0	56.759	6.784	0.0	49.462	4.532	0.0	44.398	5.742
108	13502	13503	NS	1	0.0	52.875	5.396	0.0	56.213	7.109	0.0	49.997	4.759	0.0	43.512	6.304	0.0	53.517	5.366	0.0	56.588	6.814	0.0	49.571	4.475	0.0	43.861	5.614
109	13502	13503	SN	1	0.0	46.975	2.28	0.0	46.894	4.228	0.0	42.259	2.651	0.0	41.13	3.926	0.0	47.661	2.377	0.0	48.003	4.789	0.0	45.108	2.912	0.0	43.571	4.616
110	13502	13503	SN	1	0.0	52.739	7.299	0.0	41.489	9.19	0.0	41.084	7.063	0.0	47.795	8.915	0.0	51.627	7.397	0.0	42.806	10.076	0.0	41.657	7.605	0.0	49.7	9.606
111	13502	13503	SN	1	0.0	50.233	8.008	0.0	43.053	10.075	0.0	41.084	7.747	0.0	47.795	9.765	0.0	50.664	8.085	0.0	42.94	11.048	0.0	41.657	8.342	0.0	49.7	10.613
112	13502	13503	SN	1	0.0	42.368	2.079	0.0	46.894	3.849	0.0	42.259	2.419	0.0	41.13	3.594	0.0	43.053	2.164	0.0	48.003	4.356	0.0	45.108	2.649	0.0	43.571	4.178
113	13503	13504	SN	1	0.0	53.122	8.226	0.0	59.979	9.307	0.0	49.792	6.085	0.0	45.499	7.369	0.0	53.53	8.226	0.0	58.597	9.083	0.0	48.857	6.249	0.0	48.095	7.077
114	13503	13504	NS	1	0.0	45.256	2.613	0.0	44.128	3.726	0.0	47.962	2.376	0.0	42.638	3.841	0.0	45.052	2.573	0.0	43.372	3.34	0.0	47.6	2.298	0.0	41.138	3.372
115	13503	13504	NS	1	0.0	44.572	0.543	0.0	38.604	0.919	0.0	40.668	0.77	0.0	38.11	1.229	0.0	43.832	0.541	0.0	37.835	0.8	0.0	37.033	0.683	0.0	36.465	0.986
116	13503	13504	SN	1	0.0	49.648	2.501	0.0	49.515	3.026	0.0	44.448	1.782	0.0	42.439	2.384	0.0	50.467	2.556	0.0	50.037	2.949	0.0	44.453	1.771	0.0	41.162	2.323
117	13503	13504	SN	1	0.0	49.648	2.286	0.0	49.515	2.77	0.0	44.458	1.635	0.0	42.439	2.189	0.0	50.467	2.333	0.0	50.037	2.7	0.0	44.453	1.624	0.0	41.162	2.127
118	13503	13504	SN	1	0.0	49.648	2.281	0.0	49.515	2.773	0.0	44.458	1.638	0.0	42.439	2.191	0.0	50.467	2.333	0.0	50.037	2.702	0.0	44.453	1.628	0.0	41.162	2.129
119	13503	13504	NS	1	0.0	44.911	0.546	0.0	37.768	0.913	0.0	39.659	0.777	0.0	42.467	1.251	0.0	44.17	0.546	0.0	37.602	0.791	0.0	37.444	0.667	0.0	40.67	0.979
120	13503	13504	SN	1	0.0	53.122	8.994	0.0	59.979	10.133	0.0	49.792	6.648	0.0	45.499	7.995	0.0	53.53	8.983	0.0	58.597	9.91	0.0	48.857	6.836	0.0	48.095	7.698
121	13503	13504	SN	1	0.0	53.122	8.236	0.0	59.979	9.307	0.0	49.792	6.086	0.0	45.499	7.369	0.0	53.53	8.236	0.0	58.597	9.093	0.0	48.857	6.25	0.0	48.095	7.062
122	13503	13504	NS	1	0.0	45.271	2.634	0.0	44.721	3.695	0.0	41.494	2.419	0.0	44.13	3.884	0.0	45.066	2.593	0.0	42.704	3.32	0.0	41.241	2.369	0.0	43.937	3.407
123	13504	13505	NS	1	0.0	44.744	0.683	0.0	42.925	1.009	0.0	37.487	0.596	0.0	41.156	0.924	0.0	44.422	0.683	0.0	39.691	0.908	0.0	37.69	0.572	0.0	39.065	0.731
124	13504	13505	SN	1	0.0	50.519	5.516	0.0	51.382	6.33	0.0	46.978	5.205	0.0	46.736	6.097	0.0	51.268	5.629	0.0	55.031	6.443	0.0	48.589	5.399	0.0	45.147	5.802
125	13504	13505	SN	1	0.0	50.519	5.516	0.0	51.382	6.33	0.0	46.978	5.205	0.0	46.736	6.097	0.0	51.268	5.629	0.0	55.031	6.443	0.0	48.589	5.399	0.0	45.147	5.802
126	13504	13505	NS	1	0.0	50.485	2.755	0.0	44.179	3.492	0.0	39.677	2.135	0.0	42.111	3.321	0.0	51.352	2.836	0.0	44.461	3.259	0.0	39.673	2.028	0.0	40.476	2.773
127	13504	13505	NS	1	0.0	49.397	2.765	0.0	44.004	3.604	0.0	39.193	2.135	0.0	41.973	3.257	0.0	50.266	2.805	0.0	44.565	3.319	0.0	37.4	2.064	0.0	40.505	2.66
128	13504	13505	SN	1	0.0	52.657	1.553	0.0	43.602	1.854	0.0	43.995	1.502	0.0	38.833	1.779	0.0	53.494	1.521	0.0	43.836	1.778	0.0	46.052	1.511	0.0	39.526	1.696
129	13504	13505	SN	1	0.0	52.657	1.553	0.0	43.602	1.854	0.0	43.995	1.502	0.0	38.833	1.779	0.0	53.494	1.521	0.0	43.836	1.778	0.0	46.052	1.511	0.0	39.526	1.696
130	13504	13505	NS	1	0.0	44.846	0.687	0.0	45.488	1.021	0.0	37.526	0.598	0.0	40.746	0.94	0.0	44.278	0.687	0.0	44.844	0.899	0.0	37.729	0.579	0.0	38.657	0.748
131	13505	13506	NS	1	0.0	47.843	3.918	0.0	51.215	5.097	0.0	46.042	3.394	0.0	45.672	4.822	0.0	48.889	3.999	0.0	52.849	4.869	0.0	45.06	3.202	0.0	45.031	4.075
132	13505	13506	NS	1	0.0	51.189	1.124	0.0	46.048	1.482	0.0	46.374	1.049	0.0	43.079	1.644	0.0	51.849	1.104	0.0	46.707	1.336	0.0	45.565	0.955	0.0	46.061	1.274
133	13505	13506	SN	1	0.0	48.079	6.03	0.0	46.682	6.616	0.0	41.276	4.04	0.0	38.217	4.912	0.0	47.535	6.03	0.0	48.299	6.372	0.0	43.094	3.983	0.0	39.368	4.449
134	13505	13506	NS	1	0.0	47.607	3.888	0.0	51.323	5.098	0.0	46.042	3.379	0.0	45.672	4.8	0.0	48.655	3.999	0.0	52.957	4.87	0.0	45.06	3.209	0.0	44.796	4.053
135	13505	13506	SN	1	0.0	42.997	1.499	0.0	43.746	1.858	0.0	42.035	1.184	0.0	41.69	1.628	0.0	42.641	1.528	0.0	42.631	1.684	0.0	41.322	1.131	0.0	39.868	1.411
136	13505	13506	SN	1	0.0	49.439	5.949	0.0	50.95	6.606	0.0	39.414	3.99	0.0	38.257	4.955	0.0	49.792	5.99	0.0	52.664	6.402	0.0	41.214	3.955	0.0	39.368	4.485
137	13505	13506	SN	1	0.0	50.217	1.496	0.0	41.577	1.838	0.0	38.882	1.163	0.0	44.161	1.665	0.0	50.917	1.512	0.0	42.631	1.698	0.0	38.17	1.124	0.0	44.434	1.424
138	13505	13506	NS	1	0.0	50.622	1.126	0.0	45.94	1.505	0.0	45.121	1.042	0.0	43.545	1.651	0.0	51.283	1.106	0.0	48.137	1.359	0.0	44.312	0.96	0.0	46.529	1.287
139	13505	13506	NS	1	0.0	50.622	1.126	0.0	45.94	1.505	0.0	45.121	1.042	0.0	43.545	1.651	0.0	51.283	1.106	0.0	48.137	1.359	0.0	44.312	0.96	0.0	46.529	1.287

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

140	13505	13506	NS	1	0.0	47.843	3.918	0.0	51.215	5.097	0.0	46.042	3.394	0.0	45.672	4.822	0.0	48.889	3.999	0.0	52.849	4.869	0.0	45.06	3.202	0.0	45.031	4.075
141	13506	13507	SN	1	0.0	54.561	2.006	0.0	51.795	2.903	0.0	41.105	2.007	0.0	45.613	2.744	0.0	55.175	2.031	0.0	48.04	2.869	0.0	41.761	2.041	0.0	46.605	2.682
142	13506	13507	SN	1	0.0	54.561	2.006	0.0	51.795	2.903	0.0	41.105	2.007	0.0	45.613	2.744	0.0	55.175	2.031	0.0	48.04	2.869	0.0	41.761	2.041	0.0	46.605	2.682
143	13506	13507	NS	1	0.0	40.9	1.197	0.0	41.885	1.946	0.0	39.133	1.534	0.0	41.124	2.011	0.0	42.442	1.186	0.0	40.837	1.971	0.0	40.67	1.444	0.0	36.945	1.947
144	13506	13507	NS	1	0.0	40.9	1.197	0.0	41.885	1.946	0.0	39.133	1.534	0.0	41.124	2.011	0.0	42.442	1.186	0.0	40.837	1.971	0.0	40.67	1.444	0.0	36.945	1.947
145	13506	13507	SN	1	0.0	55.927	7.18	0.0	53.966	9.303	0.0	45.445	6.651	0.0	48.409	8.389	0.0	56.67	7.669	0.0	52.784	9.232	0.0	42.646	6.979	0.0	47.885	8.389
146	13506	13507	SN	1	0.0	55.927	7.18	0.0	53.966	9.303	0.0	45.445	6.651	0.0	48.409	8.389	0.0	56.67	7.669	0.0	52.784	9.232	0.0	42.646	6.979	0.0	47.885	8.389
147	13506	13507	NS	1	0.0	47.006	4.287	0.0	52.714	5.81	0.0	41.059	4.298	0.0	41.477	5.597	0.0	48.163	4.398	0.0	52.438	5.912	0.0	41.744	4.518	0.0	40.387	5.669
148	13506	13507	NS	1	0.0	47.006	4.287	0.0	52.714	5.81	0.0	41.059	4.298	0.0	41.477	5.597	0.0	48.163	4.398	0.0	52.438	5.912	0.0	41.746	4.518	0.0	40.387	5.669
149	13507	13508	SN	1	0.0	44.741	3.542	0.0	44.985	4.035	0.0	45.087	3.631	0.0	47.672	4.312	0.0	44.268	3.572	0.0	46.268	3.76	0.0	44.335	3.332	0.0	50.333	3.799
150	13507	13508	NS	1	0.0	37.919	1.685	0.0	38.363	3.306	0.0	43.291	2.42	0.0	39.62	3.766	0.0	37.845	1.563	0.0	37.727	2.906	0.0	41.584	2.094	0.0	36.53	3.033
151	13507	13508	NS	1	0.0	37.919	1.685	0.0	38.035	3.285	0.0	43.291	2.442	0.0	39.619	3.759	0.0	37.845	1.563	0.0	37.727	2.895	0.0	41.584	2.129	0.0	36.865	3.054
152	13507	13508	NS	1	0.0	41.384	0.511	0.0	38.714	0.974	0.0	39.272	0.917	0.0	38.732	1.489	0.0	40.753	0.492	0.0	36.727	0.825	0.0	37.363	0.794	0.0	38.123	1.1
153	13507	13508	SN	1	0.0	42.612	0.78	0.0	49.659	1.1	0.0	45.632	0.99	0.0	45.941	1.244	0.0	41.93	0.789	0.0	50.084	1.024	0.0	43.854	0.903	0.0	46.873	1.098
154	13507	13508	SN	1	0.0	42.612	0.78	0.0	49.659	1.1	0.0	45.632	0.99	0.0	45.941	1.244	0.0	41.93	0.789	0.0	50.084	1.024	0.0	43.854	0.903	0.0	46.873	1.098
155	13507	13508	NS	1	0.0	41.738	0.498	0.0	38.714	0.953	0.0	39.272	0.903	0.0	38.706	1.469	0.0	41.109	0.479	0.0	36.727	0.803	0.0	37.363	0.784	0.0	38.123	1.091
156	13507	13508	NS	1	0.0	41.384	0.502	0.0	38.714	0.96	0.0	39.272	0.894	0.0	38.732	1.466	0.0	40.753	0.482	0.0	36.727	0.812	0.0	37.363	0.779	0.0	38.123	1.082
157	13507	13508	NS	1	0.0	37.919	1.703	0.0	38.363	3.358	0.0	43.291	2.471	0.0	39.62	3.825	0.0	37.845	1.589	0.0	37.727	2.951	0.0	41.584	2.139	0.0	36.53	3.081
158	13507	13508	SN	1	0.0	44.741	3.542	0.0	44.985	4.035	0.0	45.087	3.631	0.0	47.672	4.312	0.0	44.268	3.572	0.0	46.268	3.76	0.0	44.335	3.332	0.0	50.333	3.799
159	13508	13509	NS	1	0.0	39.988	1.889	0.0	48.659	3.202	0.0	43.154	2.129	0.0	49.498	3.878	0.0	41.55	1.788	0.0	49.755	2.831	0.0	45.408	1.888	0.0	47.679	3.244
160	13508	13509	SN	1	0.0	53.831	3.324	0.0	54.01	4.671	0.0	45.092	3.55	0.0	43.95	4.141	0.0	55.342	3.324	0.0	53.559	4.407	0.0	44.603	3.45	0.0	44.099	3.934
161	13508	13509	NS	1	0.0	37.331	0.553	0.0	49.21	1.099	0.0	44.235	0.721	0.0	45.955	1.318	0.0	37.018	0.553	0.0	50.088	0.981	0.0	44.655	0.629	0.0	42.649	1.005
162	13508	13509	NS	1	0.0	37.331	0.578	0.0	49.21	1.153	0.0	39.509	0.757	0.0	45.955	1.383	0.0	37.018	0.578	0.0	50.088	1.03	0.0	39.927	0.666	0.0	42.649	1.054
163	13508	13509	NS	1	0.0	39.988	1.993	0.0	48.659	3.357	0.0	43.154	2.251	0.0	49.498	4.068	0.0	41.55	1.886	0.0	49.755	2.968	0.0	45.408	1.99	0.0	47.679	3.403
164	13508	13509	SN	1	0.0	39.155	0.882	0.0	47.549	1.367	0.0	37.119	1.049	0.0	37.665	1.498	0.0	38.508	0.861	0.0	46.945	1.277	0.0	35.866	0.997	0.0	35.806	1.348
165	13508	13509	NS	1	0.0	39.988	1.889	0.0	48.659	3.202	0.0	43.154	2.129	0.0	49.498	3.878	0.0	41.55	1.788	0.0	49.755	2.831	0.0	45.408	1.888	0.0	47.679	3.244
166	13508	13509	NS	1	0.0	37.331	0.553	0.0	49.21	1.099	0.0	44.235	0.721	0.0	45.955	1.318	0.0	37.018	0.553	0.0	50.088	0.981	0.0	44.655	0.629	0.0	42.649	1.005
167	13509	13510	NS	1	0.0	47.023	0.977	0.0	41.936	1.319	0.0	42.776	1.044	0.0	40.36	1.716	0.0	45.602	1.0	0.0	45.1	1.189	0.0	43.375	0.999	0.0	39.83	1.405
168	13509	13510	NS	1	0.0	47.703	3.044	0.0	49.224	4.476	0.0	43.67	3.594	0.0	44.923	4.91	0.0	46.34	2.954	0.0	51.948	4.071	0.0	41.958	3.406	0.0	43.582	4.224
169	13509	13510	NS	1	0.0	47.703	2.774	0.0	49.224	4.075	0.0	43.67	3.308	0.0	44.923	4.441	0.0	46.34	2.693	0.0	51.948	3.707	0.0	41.958	3.13	0.0	43.582	3.833
170	13509	13510	SN	1	0.0	41.82	4.722	0.0	45.168	4.854	0.0	41.093	4.615	0.0	49.663	5.602	0.0	41.587	4.702	0.0	45.322	4.396	0.0	40.254	4.445	0.0	48.409	5.452
171	13509	13510	SN	1	0.0	42.06	1.219	0.0	39.077	1.448	0.0	36.785	1.592	0.0	56.478	2.171	0.0	42.659	1.221	0.0	39.795	1.317	0.0	35.907	1.521	0.0	52.009	1.881
172	13509	13510	NS	1	0.0	47.023	0.902	0.0	41.936	1.196	0.0	42.776	0.936	0.0	40.36	1.559	0.0	45.602	0.916	0.0	45.1	1.082	0.0	43.375	0.917	0.0	39.83	1.275
173	13510	13511	SN	1	0.0	39.201	0.41	0.0	41.582	0.669	0.0	38.393	0.651	0.0	40.9	0.919	0.0	40.377	0.424	0.0	45.802	0.612	0.0	36.557	0.572	0.0	36.047	0.768
174	13510	13511	NS	1	0.0	49.079	4.438	0.0	48.842	5.327	0.0	46.696	4.11	0.0	47.982	5.01	0.0	50.93	4.459	0.0	50.446	4.989	0.0	43.971	3.954	0.0	48.226	4.195
175	13510	13511	NS	1	0.0	46.58	1.188	0.0	52.296	1.558	0.0	41.919	1.022	0.0	45.949	1.606	0.0	48.032	1.194	0.0	54.454	1.455	0.0	39.882	0.971	0.0	42.67	1.249

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

176	13510	13511	NS	1	0.0	46.302	1.179	0.0	51.656	1.558	0.0	42.826	1.088	0.0	46.472	1.577	0.0	47.754	1.179	0.0	53.815	1.471	0.0	43.142	1.006	0.0	47.849	1.263
177	13510	13511	NS	1	0.0	49.079	4.337	0.0	48.89	5.327	0.0	44.23	4.174	0.0	47.309	4.988	0.0	50.93	4.398	0.0	50.49	5.081	0.0	42.45	4.032	0.0	48.241	4.224
178	13510	13511	SN	1	0.0	47.711	1.736	0.0	52.241	2.254	0.0	39.467	2.085	0.0	45.991	3.151	0.0	47.75	1.703	0.0	51.524	2.035	0.0	39.533	2.062	0.0	42.38	2.596
179	13510	13511	SN	1	0.0	39.201	0.446	0.0	41.582	0.723	0.0	38.393	0.692	0.0	41.832	0.99	0.0	40.377	0.453	0.0	45.802	0.669	0.0	36.557	0.6	0.0	37.583	0.827
180	13510	13511	NS	1	0.0	49.079	5.205	0.0	48.842	6.218	0.0	46.696	4.79	0.0	47.982	5.804	0.0	50.93	5.229	0.0	50.446	5.846	0.0	43.971	4.624	0.0	48.226	4.906
181	13510	13511	SN	1	0.0	47.711	1.616	0.0	52.241	2.113	0.0	39.467	1.935	0.0	38.864	2.944	0.0	47.75	1.575	0.0	51.524	1.88	0.0	39.533	1.907	0.0	37.646	2.468
182	13510	13511	SN	1	0.0	47.711	1.626	0.0	52.241	2.129	0.0	39.467	1.936	0.0	38.864	2.945	0.0	47.75	1.575	0.0	51.524	1.894	0.0	39.533	1.907	0.0	37.646	2.467
183	13510	13511	NS	1	0.0	46.58	1.385	0.0	52.296	1.826	0.0	41.919	1.171	0.0	45.949	1.883	0.0	48.032	1.393	0.0	54.454	1.705	0.0	39.882	1.135	0.0	42.67	1.468
184	13510	13511	SN	1	0.0	39.201	0.415	0.0	41.582	0.666	0.0	38.393	0.649	0.0	40.9	0.924	0.0	40.377	0.428	0.0	45.802	0.61	0.0	36.557	0.569	0.0	36.047	0.763

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	13482	13483	SN	1	0.0	27.933	11.947	0.0	23.913	13.755	0.0	29.07	8.884	0.0	39.118	11.864	0.0	1.441	0.0	1.767	0.0	0.0	1.818	0.0	0.0	2.121	0.0	
2	13482	13483	SN	1	0.0	22.992	5.707	0.0	25.766	6.617	0.0	17.234	1.647	0.0	59.474	2.321	0.0	1.424	0.0	1.764	0.0	0.0	1.833	0.0	0.0	2.124	0.0	
3	13483	13484	SN	1	0.0	27.95	11.718	0.0	235.907	13.934	0.0	18.277	8.947	0.0	40.089	12.237	0.0	1.442	0.0	1.768	0.0	0.0	1.817	0.0	0.0	2.121	0.0	
4	13483	13484	SN	1	0.0	23.009	5.694	0.0	141.537	6.697	0.0	12.365	1.593	0.0	44.991	2.403	0.0	1.426	0.0	1.765	0.0	0.0	1.826	0.0	0.0	2.119	0.0	
5	13483	13484	NS	1	0.0	254.399	6.06	0.0	23.77	7.949	0.0	92.622	2.912	0.0	123.652	4.048	0.0	1.418	0.0	1.787	0.0	0.0	1.846	0.0	0.0	2.144	0.0	
6	13483	13484	NS	1	0.0	236.933	10.526	0.0	33.123	15.57	0.0	223.035	11.034	0.0	76.67	14.859	0.0	1.4	0.0	1.789	0.0	0.0	1.845	0.0	0.0	2.141	0.0	
7	13484	13485	NS	1	0.0	157.914	10.86	0.0	32.357	15.446	0.0	352.731	11.255	0.0	74.585	14.237	0.0	1.399	0.0	1.784	0.0	0.0	1.846	0.0	0.0	2.144	0.0	
8	13484	13485	SN	1	0.0	22.992	5.787	0.0	25.75	6.572	0.0	129.917	1.768	0.0	72.958	2.313	0.0	1.425	0.0	1.764	0.0	0.0	1.827	0.0	0.0	2.12	0.0	
9	13484	13485	NS	1	0.0	67.65	6.14	0.0	23.759	7.817	0.0	352.731	2.987	0.0	71.441	3.921	0.0	1.418	0.0	1.787	0.0	0.0	1.848	0.0	0.0	2.143	0.0	
10	13484	13485	SN	1	0.0	31.535	12.106	0.0	23.919	13.475	0.0	135.526	9.282	0.0	17.46	11.499	0.0	1.441	0.0	1.766	0.0	0.0	1.82	0.0	0.0	2.121	0.0	
11	13484	13485	SN	1	0.0	22.992	5.849	0.0	25.75	6.586	0.0	129.917	1.8	0.0	11.791	2.216	0.0	1.425	0.0	1.764	0.0	0.0	1.827	0.0	0.0	2.12	0.0	
12	13484	13485	SN	1	0.0	31.535	12.105	0.0	23.919	13.636	0.0	135.526	9.155	0.0	41.363	11.757	0.0	1.441	0.0	1.766	0.0	0.0	1.82	0.0	0.0	2.121	0.0	
13	13485	13486	NS	1	0.0	238.869	6.135	0.0	23.786	7.845	0.0	136.356	2.98	0.0	73.94	3.868	0.0	1.422	0.0	1.787	0.0	0.0	1.848	0.0	0.0	2.143	0.0	
14	13485	13486	SN	1	0.0	31.06	12.044	0.0	94.433	13.637	0.0	128.202	9.009	0.0	52.434	11.848	0.0	1.442	0.0	1.767	0.0	0.0	1.818	0.0	0.0	2.119	0.0	
15	13485	13486	SN	1	0.0	23.24	5.756	0.0	162.53	6.622	0.0	94.053	1.713	0.0	67.934	2.309	0.0	1.426	0.0	1.764	0.0	0.0	1.827	0.0	0.0	2.119	0.0	
16	13485	13486	NS	1	0.0	122.53	10.794	0.0	32.357	15.444	0.0	353.079	11.091	0.0	67.151	14.265	0.0	1.4	0.0	1.792	0.0	0.0	1.841	0.0	0.0	2.143	0.0	
17	13486	13487	SN	1	0.0	29.141	11.593	0.0	23.919	14.118	0.0	17.13	8.636	0.0	192.68	12.996	0.0	1.446	0.0	1.765	0.0	0.0	1.817	0.0	0.0	2.118	0.0	
18	13486	13487	NS	1	0.0	254.029	5.956	0.0	23.792	7.866	0.0	273.878	2.948	0.0	76.807	4.079	0.0	1.419	0.0	1.787	0.0	0.0	1.854	0.0	0.0	2.144	0.0	
19	13486	13487	SN	1	0.0	23.72	5.648	0.0	25.744	6.718	0.0	12.298	1.536	0.0	274.49	2.585	0.0	1.427	0.0	1.764	0.0	0.0	1.826	0.0	0.0	2.119	0.0	
20	13486	13487	NS	1	0.0	161.83	10.624	0.0	32.345	15.476	0.0	249.998	10.885	0.0	74.927	14.875	0.0	1.401	0.0	1.79	0.0	0.0	1.842	0.0	0.0	2.142	0.0	
21	13487	13488	SN	1	0.0	27.933	11.447	0.0	23.908	15.483	0.0	13.655	8.27	0.0	247.577	12.779	0.0	1.441	0.0	1.766	0.0	0.0	1.814	0.0	0.0	2.122	0.0	
22	13487	13488	NS	1	0.0	60.254	10.375	0.0	31.149	16.0	0.0	269.868	10.673	0.0	71.121	15.877	0.0	1.4	0.0	1.788	0.0	0.0	1.842	0.0	0.0	2.143	0.0	
23	13487	13488	SN	1	0.0	22.987	5.652	0.0	25.739	7.51	0.0	11.841	1.54	0.0	232.394	2.681	0.0	1.426	0.0	1.764	0.0	0.0	1.824	0.0	0.0	2.119	0.0	
24	13487	13488	NS	1	0.0	105.643	6.015	0.0	23.803	8.288	0.0	208.018	2.841	0.0	60.908	4.484	0.0	1.419	0.0	1.787	0.0	0.0	1.847	0.0	0.0	2.144	0.0	
25	13489	13490	SN	1	0.0	23.792	5.868	0.0	25.755	6.577	0.0	11.697	1.653	0.0	11.664	2.436	0.0	1.426	0.0	1.764	0.0	0.0	1.825	0.0	0.0	2.121	0.0	
26	13489	13490	SN	1	0.0	29.158	11.283	0.0	23.919	13.462	0.0	12.971	9.01	0.0	13.247	11.146	0.0	1.446	0.0	1.766	0.0	0.0	1.817	0.0	0.0	2.122	0.0	
27	13489	13490	SN	1	0.0	23.792	5.581	0.0	25.755	6.492	0.0	11.697	1.48	0.0	72.109	2.544	0.0	1.426	0.0	1.764	0.0	0.0	1.825	0.0	0.0	2.121	0.0	
28	13489	13490	SN	1	0.0	29.158	11.258	0.0	23.919	13.912	0.0	12.971	8.215	0.0	41.048	12.576	0.0	1.446	0.0	1.766	0.0	0.0	1.817	0.0	0.0	2.122	0.0	
29	13490	13491	NS	1	0.0	256.798	10.901	0.0	32.368	15.476	0.0	352.935	11.204	0.0	72.495	14.277	0.0	1.4	0.0	1.786	0.0	0.0	1.834	0.0	0.0	2.146	0.0	
30	13490	13491	NS	1	0.0	198.626	6.092	0.0	23.786	8.044	0.0	330.44	3.139	0.0	127.705	3.895	0.0	1.417	0.0	1.788	0.0	0.0	1.849	0.0	0.0	2.145	0.0	
31	13490	13491	SN	1	0.0	24.106	5.797	0.0	25.739	6.42	0.0	133.689	1.681	0.0	246.598	2.269	0.0	1.426	0.0	1.763	0.0	0.0	1.82	0.0	0.0	2.118	0.0	

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



32	13490	13491	SN	1	0.0	31.474	12.163	0.0	206.6	13.744	0.0	131.621	9.097	0.0	276.525	11.568	0.0	1.44	0.0	0.0	1.766	0.0	0.0	1.812	0.0	0.0	2.121	0.0
33	13491	13492	NS	1	0.0	150.849	10.846	0.0	32.356	15.468	0.0	353.343	11.125	0.0	74.574	14.333	0.0	1.401	0.0	0.0	1.787	0.0	0.0	1.841	0.0	0.0	2.144	0.0
34	13491	13492	SN	1	0.0	32.379	12.125	0.0	38.415	13.69	0.0	131.638	9.084	0.0	56.733	11.618	0.0	1.441	0.0	0.0	1.762	0.0	0.0	1.814	0.0	0.0	2.116	0.0
35	13491	13492	SN	1	0.0	23.295	5.801	0.0	47.79	6.41	0.0	118.755	1.682	0.0	62.788	2.299	0.0	1.427	0.0	0.0	1.763	0.0	0.0	1.819	0.0	0.0	2.118	0.0
36	13491	13492	NS	1	0.0	254.509	6.066	0.0	23.825	8.026	0.0	158.984	3.109	0.0	76.499	3.919	0.0	1.419	0.0	0.0	1.788	0.0	0.0	1.85	0.0	0.0	2.145	0.0
37	13492	13493	NS	1	0.0	151.467	10.837	0.0	32.042	15.357	0.0	156.861	11.072	0.0	70.531	14.11	0.0	1.4	0.0	0.0	1.79	0.0	0.0	1.831	0.0	0.0	2.145	0.0
38	13492	13493	SN	1	0.0	32.39	12.117	0.0	23.924	13.7	0.0	125.301	9.088	0.0	58.398	11.612	0.0	1.441	0.0	0.0	1.765	0.0	0.0	1.814	0.0	0.0	2.116	0.0
39	13492	13493	NS	1	0.0	264.861	6.05	0.0	23.808	7.935	0.0	348.782	3.066	0.0	63.29	3.934	0.0	1.417	0.0	0.0	1.793	0.0	0.0	1.849	0.0	0.0	2.144	0.0
40	13492	13493	SN	1	0.0	24.42	5.8	0.0	25.739	6.446	0.0	117.139	1.681	0.0	64.68	2.281	0.0	1.426	0.0	0.0	1.763	0.0	0.0	1.816	0.0	0.0	2.118	0.0
41	13493	13494	NS	1	0.0	24.674	6.089	0.0	23.808	8.026	0.0	191.533	3.131	0.0	66.621	4.048	0.0	1.418	0.0	0.0	1.789	0.0	0.0	1.862	0.0	0.0	2.146	0.0
42	13493	13494	NS	1	0.0	210.439	10.767	0.0	31.97	15.427	0.0	168.227	10.998	0.0	73.079	14.157	0.0	1.401	0.0	0.0	1.793	0.0	0.0	1.832	0.0	0.0	2.145	0.0
43	13493	13494	SN	1	0.0	30.807	12.185	0.0	23.924	13.821	0.0	118.186	9.198	0.0	127.653	11.633	0.0	1.441	0.0	0.0	1.765	0.0	0.0	1.813	0.0	0.0	2.12	0.0
44	13493	13494	SN	1	0.0	23.009	5.783	0.0	132.9	6.438	0.0	127.584	1.72	0.0	67.79	2.323	0.0	1.425	0.0	0.0	1.763	0.0	0.0	1.82	0.0	0.0	2.116	0.0
45	13494	13495	SN	1	0.0	23.654	5.636	0.0	25.744	6.446	0.0	15.977	1.602	0.0	72.572	2.416	0.0	1.426	0.0	0.0	1.762	0.0	0.0	1.814	0.0	0.0	2.117	0.0
46	13494	13495	NS	1	0.0	68.665	6.08	0.0	23.786	8.048	0.0	242.246	3.118	0.0	62.584	4.158	0.0	1.418	0.0	0.0	1.789	0.0	0.0	1.85	0.0	0.0	2.146	0.0
47	13494	13495	NS	1	0.0	43.296	10.722	0.0	32.356	15.447	0.0	242.241	11.151	0.0	64.106	14.321	0.0	1.401	0.0	0.0	1.789	0.0	0.0	1.846	0.0	0.0	2.145	0.0
48	13494	13495	SN	1	0.0	28.761	11.985	0.0	23.919	13.843	0.0	30.106	9.038	0.0	36.973	12.011	0.0	1.442	0.0	0.0	1.765	0.0	0.0	1.811	0.0	0.0	2.119	0.0
49	13495	13496	NS	1	0.0	24.696	6.02	0.0	23.786	8.447	0.0	61.616	3.028	0.0	74.105	4.725	0.0	1.418	0.0	0.0	1.79	0.0	0.0	1.85	0.0	0.0	2.146	0.0
50	13495	13496	SN	1	0.0	23.02	5.644	0.0	25.733	7.198	0.0	12.017	1.465	0.0	241.758	2.612	0.0	1.425	0.0	0.0	1.762	0.0	0.0	1.814	0.0	0.0	2.117	0.0
51	13495	13496	SN	1	0.0	27.956	11.418	0.0	23.935	15.088	0.0	13.92	8.352	0.0	20.177	12.62	0.0	1.441	0.0	0.0	1.764	0.0	0.0	1.811	0.0	0.0	2.118	0.0
52	13495	13496	NS	1	0.0	22.479	10.406	0.0	32.373	15.821	0.0	153.513	10.703	0.0	72.423	15.57	0.0	1.4	0.0	0.0	1.79	0.0	0.0	1.848	0.0	0.0	2.148	0.0
53	13496	13497	SN	1	0.0	23.036	5.507	0.0	25.727	7.586	0.0	11.659	1.359	0.0	275.494	3.085	0.0	1.425	0.0	0.0	1.764	0.0	0.0	1.814	0.0	0.0	2.117	0.0
54	13496	13497	SN	1	0.0	23.036	5.451	0.0	25.727	8.555	0.0	11.659	1.359	0.0	262.335	3.598	0.0	1.425	0.0	0.0	1.764	0.0	0.0	1.813	0.0	0.0	2.116	0.0
55	13496	13497	SN	1	0.0	27.967	10.89	0.0	23.56	17.486	0.0	13.754	8.163	0.0	50.683	14.412	0.0	1.44	0.0	0.0	1.764	0.0	0.0	1.811	0.0	0.0	2.116	0.0
56	13496	13497	SN	1	0.0	27.961	11.151	0.0	23.566	16.152	0.0	13.754	8.14	0.0	192.796	14.002	0.0	1.441	0.0	0.0	1.764	0.0	0.0	1.811	0.0	0.0	2.116	0.0
57	13496	13497	NS	1	0.0	41.244	10.361	0.0	30.807	16.87	0.0	277.6	10.493	0.0	18.023	16.066	0.0	1.4	0.0	0.0	1.788	0.0	0.0	1.847	0.0	0.0	2.146	0.0
58	13496	13497	NS	1	0.0	52.029	6.018	0.0	23.803	9.345	0.0	255.725	2.971	0.0	35.925	5.117	0.0	1.418	0.0	0.0	1.79	0.0	0.0	1.851	0.0	0.0	2.147	0.0
59	13497	13498	NS	1	0.0	239.315	6.143	0.0	23.792	8.09	0.0	350.321	3.175	0.0	74.53	4.215	0.0	1.42	0.0	0.0	1.789	0.0	0.0	1.85	0.0	0.0	2.146	0.0
60	13497	13498	NS	1	0.0	239.315	6.143	0.0	23.792	8.09	0.0	350.321	3.175	0.0	74.53	4.22	0.0	1.42	0.0	0.0	1.789	0.0	0.0	1.85	0.0	0.0	2.146	0.0
61	13497	13498	SN	1	0.0	32.334	12.118	0.0	23.306	13.77	0.0	120.949	9.465	0.0	127.686	11.511	0.0	1.439	0.0	0.0	1.764	0.0	0.0	1.813	0.0	0.0	2.115	0.0
62	13497	13498	SN	1	0.0	23.02	5.809	0.0	48.535	6.481	0.0	120.949	1.679	0.0	50.264	2.248	0.0	1.426	0.0	0.0	1.762	0.0	0.0	1.818	0.0	0.0	2.117	0.0
63	13497	13498	NS	1	0.0	270.798	10.97	0.0	32.048	15.439	0.0	198.19	11.173	0.0	70.835	14.329	0.0	1.4	0.0	0.0	1.788	0.0	0.0	1.839	0.0	0.0	2.146	0.0
64	13497	13498	SN	1	0.0	23.02	5.811	0.0	48.535	6.481	0.0	120.949	1.679	0.0	50.275	2.248	0.0	1.426	0.0	0.0	1.762	0.0	0.0	1.818	0.0	0.0	2.117	0.0
65	13497	13498	NS	1	0.0	270.798	10.97	0.0	32.048	15.439	0.0	198.19	11.173	0.0	70.835	14.329	0.0	1.4	0.0	0.0	1.788	0.0	0.0	1.839	0.0	0.0	2.146	0.0
66	13497	13498	SN	1	0.0	32.334	12.118	0.0	23.306	13.77	0.0	120.949	9.465	0.0	127.686	11.503	0.0	1.439	0.0	0.0	1.764	0.0	0.0	1.813	0.0	0.0	2.115	0.0
67	13498	13499	SN	1	0.0	31.645	12.162	0.0	69.525	13.666	0.0	136.303	9.14	0.0	45.198	11.401	0.0	1.441	0.0	0.0	1.764	0.0	0.0	1.806	0.0	0.0	2.118	0.0
68	13498	13499	SN	1	0.0	31.645	12.167	0.0	69.525	13.542	0.0	136.303	9.228	0.0	45.198	11.186	0.0	1.441	0.0	0.0	1.764	0.0	0.0	1.806	0.0	0.0	2.118	0.0

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

69	13498	13499	SN	1	0.0	31.645	12.162	0.0	69.525	13.666	0.0	136.303	9.14	0.0	45.198	11.401	0.0	1.441	0.0	0.0	1.764	0.0	0.0	1.806	0.0	0.0	2.118	0.0
70	13498	13499	NS	1	0.0	24.696	6.11	0.0	23.759	8.022	0.0	354.54	3.063	0.0	67.018	4.053	0.0	1.418	0.0	0.0	1.789	0.0	0.0	1.85	0.0	0.0	2.147	0.0
71	13498	13499	NS	1	0.0	158.802	6.108	0.0	23.77	8.015	0.0	354.524	3.06	0.0	66.963	4.056	0.0	1.418	0.0	0.0	1.789	0.0	0.0	1.85	0.0	0.0	2.147	0.0
72	13498	13499	SN	1	0.0	23.025	5.724	0.0	26.091	6.469	0.0	129.183	1.636	0.0	137.332	2.17	0.0	1.427	0.0	0.0	1.762	0.0	0.0	1.819	0.0	0.0	2.117	0.0
73	13498	13499	SN	1	0.0	23.025	5.724	0.0	26.091	6.469	0.0	129.183	1.636	0.0	137.332	2.17	0.0	1.427	0.0	0.0	1.762	0.0	0.0	1.819	0.0	0.0	2.117	0.0
74	13498	13499	NS	1	0.0	96.366	10.835	0.0	32.026	15.474	0.0	197.197	11.143	0.0	73.289	14.339	0.0	1.4	0.0	0.0	1.79	0.0	0.0	1.831	0.0	0.0	2.146	0.0
75	13498	13499	NS	1	0.0	22.468	10.815	0.0	32.026	15.484	0.0	143.029	11.143	0.0	73.327	14.317	0.0	1.4	0.0	0.0	1.79	0.0	0.0	1.832	0.0	0.0	2.146	0.0
76	13498	13499	SN	1	0.0	23.025	5.768	0.0	26.091	6.483	0.0	129.183	1.658	0.0	137.332	2.089	0.0	1.427	0.0	0.0	1.762	0.0	0.0	1.819	0.0	0.0	2.117	0.0
77	13499	13500	SN	1	0.0	22.987	5.823	0.0	25.727	6.513	0.0	96.215	1.702	0.0	170.146	2.259	0.0	1.425	0.0	0.0	1.762	0.0	0.0	1.817	0.0	0.0	2.118	0.0
78	13499	13500	NS	1	0.0	88.938	10.806	0.0	32.053	15.417	0.0	140.509	11.117	0.0	77.53	14.251	0.0	1.4	0.0	0.0	1.79	0.0	0.0	1.832	0.0	0.0	2.145	0.0
79	13499	13500	NS	1	0.0	56.068	6.082	0.0	23.764	7.953	0.0	141.441	3.079	0.0	125.152	3.995	0.0	1.418	0.0	0.0	1.789	0.0	0.0	1.85	0.0	0.0	2.145	0.0
80	13499	13500	SN	1	0.0	31.755	12.126	0.0	23.924	13.766	0.0	143.44	9.19	0.0	49.092	11.599	0.0	1.439	0.0	0.0	1.765	0.0	0.0	1.813	0.0	0.0	2.118	0.0
81	13499	13500	SN	1	0.0	31.755	12.126	0.0	23.924	13.766	0.0	143.44	9.19	0.0	49.092	11.599	0.0	1.439	0.0	0.0	1.765	0.0	0.0	1.813	0.0	0.0	2.118	0.0
82	13499	13500	SN	1	0.0	31.755	12.129	0.0	23.924	13.59	0.0	143.44	9.331	0.0	49.092	11.294	0.0	1.439	0.0	0.0	1.765	0.0	0.0	1.813	0.0	0.0	2.118	0.0
83	13499	13500	SN	1	0.0	22.987	5.891	0.0	25.727	6.531	0.0	96.215	1.736	0.0	170.146	2.16	0.0	1.425	0.0	0.0	1.762	0.0	0.0	1.817	0.0	0.0	2.118	0.0
84	13499	13500	SN	1	0.0	22.987	5.823	0.0	25.727	6.511	0.0	96.215	1.702	0.0	170.146	2.261	0.0	1.425	0.0	0.0	1.762	0.0	0.0	1.817	0.0	0.0	2.118	0.0
85	13500	13501	SN	1	0.0	24.178	5.77	0.0	25.733	6.482	0.0	125.527	1.661	0.0	71.667	2.222	0.0	1.425	0.0	0.0	1.762	0.0	0.0	1.817	0.0	0.0	2.117	0.0
86	13500	13501	SN	1	0.0	24.178	5.862	0.0	25.733	6.506	0.0	125.527	1.714	0.0	11.664	2.106	0.0	1.425	0.0	0.0	1.762	0.0	0.0	1.817	0.0	0.0	2.117	0.0
87	13500	13501	NS	1	0.0	166.865	6.075	0.0	23.792	7.972	0.0	353.404	3.084	0.0	72.528	4.002	0.0	1.417	0.0	0.0	1.789	0.0	0.0	1.85	0.0	0.0	2.146	0.0
88	13500	13501	NS	1	0.0	155.705	6.066	0.0	23.797	7.934	0.0	353.283	3.097	0.0	76.532	3.977	0.0	1.414	0.0	0.0	1.789	0.0	0.0	1.848	0.0	0.0	2.145	0.0
89	13500	13501	SN	1	0.0	31.502	12.211	0.0	23.919	13.731	0.0	134.312	9.154	0.0	37.645	11.542	0.0	1.44	0.0	0.0	1.764	0.0	0.0	1.823	0.0	0.0	2.118	0.0
90	13500	13501	SN	1	0.0	31.502	12.211	0.0	23.919	13.731	0.0	134.312	9.154	0.0	37.645	11.542	0.0	1.44	0.0	0.0	1.764	0.0	0.0	1.823	0.0	0.0	2.118	0.0
91	13500	13501	SN	1	0.0	24.178	5.77	0.0	25.733	6.482	0.0	125.527	1.661	0.0	71.667	2.222	0.0	1.425	0.0	0.0	1.762	0.0	0.0	1.817	0.0	0.0	2.117	0.0
92	13500	13501	SN	1	0.0	31.502	12.213	0.0	23.919	13.517	0.0	134.312	9.361	0.0	14.278	11.065	0.0	1.44	0.0	0.0	1.764	0.0	0.0	1.823	0.0	0.0	2.118	0.0
93	13500	13501	NS	1	0.0	256.814	10.804	0.0	32.379	15.436	0.0	352.588	11.001	0.0	65.513	14.083	0.0	1.4	0.0	0.0	1.789	0.0	0.0	1.848	0.0	0.0	2.146	0.0
94	13500	13501	NS	1	0.0	158.449	10.764	0.0	32.384	15.446	0.0	352.505	11.065	0.0	79.228	14.097	0.0	1.398	0.0	0.0	1.789	0.0	0.0	1.846	0.0	0.0	2.145	0.0
95	13501	13502	NS	1	0.0	254.708	6.024	0.0	23.841	7.812	0.0	325.184	2.993	0.0	116.675	3.962	0.0	1.417	0.0	0.0	1.797	0.0	0.0	1.86	0.0	0.0	2.155	0.0
96	13501	13502	SN	1	0.0	23.847	5.643	0.0	25.733	6.462	0.0	13.655	1.49	0.0	41.412	2.343	0.0	1.427	0.0	0.0	1.768	0.0	0.0	1.814	0.0	0.0	2.116	0.0
97	13501	13502	NS	1	0.0	148.428	6.037	0.0	23.792	7.801	0.0	265.644	3.002	0.0	70.967	3.932	0.0	1.417	0.0	0.0	1.789	0.0	0.0	1.859	0.0	0.0	2.146	0.0
98	13501	13502	SN	1	0.0	23.847	5.645	0.0	25.733	6.461	0.0	13.655	1.492	0.0	41.456	2.342	0.0	1.427	0.0	0.0	1.768	0.0	0.0	1.814	0.0	0.0	2.116	0.0
99	13501	13502	NS	1	0.0	148.56	10.812	0.0	32.125	15.263	0.0	140.663	10.823	0.0	68.816	13.809	0.0	1.4	0.0	0.0	1.787	0.0	0.0	1.834	0.0	0.0	2.148	0.0
100	13501	13502	NS	1	0.0	148.566	10.694	0.0	32.373	15.236	0.0	353.106	10.874	0.0	73.598	13.813	0.0	1.4	0.0	0.0	1.788	0.0	0.0	1.848	0.0	0.0	2.147	0.0
101	13501	13502	SN	1	0.0	29.075	11.782	0.0	23.924	13.691	0.0	21.216	8.915	0.0	53.17	12.06	0.0	1.44	0.0	0.0	1.764	0.0	0.0	1.811	0.0	0.0	2.119	0.0
102	13501	13502	SN	1	0.0	29.075	11.772	0.0	23.924	13.719	0.0	21.216	8.93	0.0	47.208	12.121	0.0	1.44	0.0	0.0	1.764	0.0	0.0	1.811	0.0	0.0	2.119	0.0
103	13502	13503	NS	1	0.0	24.696	6.11	0.0	23.797	8.05	0.0	202.1	3.125	0.0	68.121	4.146	0.0	1.413	0.0	0.0	1.788	0.0	0.0	1.848	0.0	0.0	2.146	0.0
104	13502	13503	SN	1	0.0	132.454	12.16	0.0	37.574	13.477	0.0	143.39	8.443	0.0	230.42	10.167	0.0	2.473	0.0	0.0	3.285	0.029	0.0	3.465	0.276	0.0	3.948	0.621
105	13502	13503	NS	1	0.0	80.941	6.112	0.0	23.803	8.055	0.0	151.847	3.135	0.0	68.083	4.157	0.0	1.413	0.0	0.0	1.788	0.0	0.0	1.848	0.0	0.0	2.146	0.0

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

106	13502	13503	SN	1	0.0	131.031	4.949	0.0	37.734	6.112	0.0	139.563	1.415	0.0	243.275	1.815	0.0	2.9	0.0	0.0	3.007	0.003	0.0	3.607	0.064	0.0	3.962	0.278
107	13502	13503	NS	1	0.0	271.071	10.823	0.0	32.07	15.439	0.0	275.328	10.945	0.0	71.149	14.059	0.0	1.395	0.0	0.0	1.788	0.0	0.0	1.846	0.0	0.0	2.142	0.0
108	13502	13503	NS	1	0.0	211.564	10.813	0.0	32.064	15.438	0.0	266.179	10.981	0.0	71.11	14.052	0.0	1.396	0.0	0.0	1.787	0.0	0.0	1.846	0.0	0.0	2.142	0.0
109	13502	13503	SN	1	0.0	131.031	5.122	0.0	37.734	6.089	0.0	139.563	1.555	0.0	243.275	1.612	0.0	2.9	0.0	0.0	3.007	0.004	0.0	3.607	0.071	0.0	3.962	0.306
110	13502	13503	SN	1	0.0	132.454	12.16	0.0	37.574	13.477	0.0	143.39	8.443	0.0	230.42	10.167	0.0	2.473	0.0	0.0	3.285	0.029	0.0	3.465	0.276	0.0	3.948	0.621
111	13502	13503	SN	1	0.0	132.454	12.25	0.0	37.574	12.963	0.0	143.39	9.046	0.0	230.42	8.984	0.0	2.473	0.0	0.0	3.285	0.031	0.0	3.465	0.303	0.0	3.948	0.683
112	13502	13503	SN	1	0.0	131.031	4.949	0.0	37.734	6.112	0.0	139.563	1.415	0.0	243.275	1.815	0.0	2.9	0.0	0.0	3.007	0.003	0.0	3.607	0.064	0.0	3.962	0.278
113	13503	13504	SN	1	0.0	32.39	12.12	0.0	180.9	13.746	0.0	135.47	9.495	0.0	59.115	11.174	0.0	1.442	0.0	0.0	1.762	0.0	0.0	1.808	0.0	0.0	2.114	0.0
114	13503	13504	NS	1	0.0	207.119	10.93	0.0	32.004	15.472	0.0	145.091	11.18	0.0	72.974	14.277	0.0	1.403	0.0	0.0	1.79	0.0	0.0	1.837	0.0	0.0	2.149	0.0
115	13503	13504	NS	1	0.0	120.109	6.145	0.0	23.803	8.118	0.0	141.876	3.156	0.0	112.754	4.325	0.0	1.42	0.0	0.0	1.791	0.0	0.0	1.853	0.0	0.0	2.149	0.0
116	13503	13504	SN	1	0.0	23.047	6.002	0.0	25.727	6.341	0.0	128.588	1.816	0.0	180.581	2.095	0.0	1.427	0.0	0.0	1.761	0.0	0.0	1.816	0.0	0.0	2.117	0.0
117	13503	13504	SN	1	0.0	23.047	5.764	0.0	25.727	6.343	0.0	128.588	1.654	0.0	180.581	2.141	0.0	1.427	0.0	0.0	1.761	0.0	0.0	1.816	0.0	0.0	2.117	0.0
118	13503	13504	SN	1	0.0	23.047	5.766	0.0	25.727	6.364	0.0	128.588	1.654	0.0	180.581	2.148	0.0	1.427	0.0	0.0	1.761	0.0	0.0	1.816	0.0	0.0	2.117	0.0
119	13503	13504	NS	1	0.0	120.109	6.145	0.0	23.803	8.118	0.0	141.876	3.156	0.0	112.754	4.326	0.0	1.42	0.0	0.0	1.791	0.0	0.0	1.853	0.0	0.0	2.149	0.0
120	13503	13504	SN	1	0.0	32.39	12.159	0.0	180.9	13.354	0.0	135.47	10.273	0.0	51.645	10.283	0.0	1.442	0.0	0.0	1.762	0.0	0.0	1.808	0.0	0.0	2.114	0.0
121	13503	13504	SN	1	0.0	32.39	12.13	0.0	180.9	13.756	0.0	135.47	9.489	0.0	58.503	11.153	0.0	1.442	0.0	0.0	1.762	0.0	0.0	1.808	0.0	0.0	2.114	0.0
122	13503	13504	NS	1	0.0	207.119	10.93	0.0	32.004	15.472	0.0	145.091	11.18	0.0	72.974	14.277	0.0	1.403	0.0	0.0	1.79	0.0	0.0	1.837	0.0	0.0	2.149	0.0
123	13504	13505	NS	1	0.0	204.259	6.151	0.0	23.786	8.121	0.0	263.714	3.182	0.0	125.731	4.331	0.0	1.42	0.0	0.0	1.792	0.0	0.0	1.855	0.0	0.0	2.149	0.0
124	13504	13505	SN	1	0.0	31.717	12.11	0.0	125.204	13.596	0.0	144.703	9.281	0.0	39.3	10.927	0.0	1.442	0.0	0.0	1.764	0.0	0.0	1.81	0.0	0.0	2.118	0.0
125	13504	13505	SN	1	0.0	31.717	12.11	0.0	125.204	13.596	0.0	144.703	9.281	0.0	39.3	10.927	0.0	1.442	0.0	0.0	1.764	0.0	0.0	1.81	0.0	0.0	2.118	0.0
126	13504	13505	NS	1	0.0	41.807	10.877	0.0	32.059	15.46	0.0	141.474	11.191	0.0	77.287	14.28	0.0	1.401	0.0	0.0	1.791	0.0	0.0	1.842	0.0	0.0	2.148	0.0
127	13504	13505	NS	1	0.0	270.911	10.847	0.0	32.379	15.46	0.0	266.184	11.227	0.0	77.883	14.301	0.0	1.404	0.0	0.0	1.794	0.0	0.0	1.844	0.0	0.0	2.15	0.0
128	13504	13505	SN	1	0.0	23.29	5.679	0.0	25.727	6.27	0.0	126.839	1.614	0.0	48.841	2.108	0.0	1.426	0.0	0.0	1.762	0.0	0.0	1.814	0.0	0.0	2.116	0.0
129	13504	13505	SN	1	0.0	23.29	5.679	0.0	25.727	6.27	0.0	126.839	1.614	0.0	48.841	2.108	0.0	1.426	0.0	0.0	1.762	0.0	0.0	1.814	0.0	0.0	2.116	0.0
130	13504	13505	NS	1	0.0	69.834	6.135	0.0	23.781	8.076	0.0	143.178	3.159	0.0	75.511	4.219	0.0	1.418	0.0	0.0	1.791	0.0	0.0	1.852	0.0	0.0	2.147	0.0
131	13505	13506	NS	1	0.0	150.824	10.708	0.0	32.401	15.479	0.0	139.433	11.097	0.0	65.458	14.35	0.0	1.405	0.0	0.0	1.794	0.0	0.0	1.851	0.0	0.0	2.15	0.0
132	13505	13506	NS	1	0.0	255.118	6.071	0.0	23.797	8.179	0.0	135.904	3.16	0.0	72.506	4.339	0.0	1.427	0.0	0.0	1.792	0.0	0.0	1.856	0.0	0.0	2.15	0.0
133	13505	13506	SN	1	0.0	31.733	12.162	0.0	238.163	13.74	0.0	137.505	9.46	0.0	38.247	11.101	0.0	1.438	0.0	0.0	1.762	0.0	0.0	1.81	0.0	0.0	2.115	0.0
134	13505	13506	NS	1	0.0	150.824	10.719	0.0	32.406	15.48	0.0	139.439	11.097	0.0	65.463	14.343	0.0	1.405	0.0	0.0	1.794	0.0	0.0	1.851	0.0	0.0	2.15	0.0
135	13505	13506	SN	1	0.0	23.047	5.764	0.0	266.703	6.328	0.0	129.211	1.64	0.0	63.45	2.148	0.0	1.424	0.0	0.0	1.76	0.0	0.0	1.814	0.0	0.0	2.114	0.0
136	13505	13506	SN	1	0.0	31.733	12.162	0.0	238.163	13.74	0.0	137.505	9.46	0.0	38.247	11.101	0.0	1.438	0.0	0.0	1.762	0.0	0.0	1.81	0.0	0.0	2.115	0.0
137	13505	13506	SN	1	0.0	23.047	5.764	0.0	266.703	6.328	0.0	129.211	1.64	0.0	63.45	2.148	0.0	1.424	0.0	0.0	1.76	0.0	0.0	1.814	0.0	0.0	2.114	0.0
138	13505	13506	NS	1	0.0	255.118	6.071	0.0	23.797	8.177	0.0	135.915	3.158	0.0	72.5	4.339	0.0	1.428	0.0	0.0	1.792	0.0	0.0	1.856	0.0	0.0	2.15	0.0
139	13505	13506	NS	1	0.0	255.118	6.071	0.0	23.797	8.177	0.0	135.915	3.158	0.0	72.5	4.339	0.0	1.428	0.0	0.0	1.792	0.0	0.0	1.856	0.0	0.0	2.15	0.0
140	13505	13506	NS	1	0.0	150.824	10.708	0.0	32.401	15.479	0.0	139.433	11.097	0.0	65.458	14.35	0.0	1.405	0.0	0.0	1.794	0.0	0.0	1.851	0.0	0.0	2.15	0.0
141	13506	13507	SN	1	0.0	23.064	5.734	0.0	130.725	6.321	0.0	125.985	1.581	0.0	45.455	2.067	0.0	1.422	0.0	0.0	1.765	0.0	0.0	1.813	0.0	0.0	2.114	0.0
142	13506	13507	SN	1	0.0	23.064	5.734	0.0	130.725	6.321	0.0	125.985	1.581	0.0	45.455	2.067	0.0	1.422	0.0	0.0	1.765	0.0	0.0	1.813	0.0	0.0	2.114	0.0

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

143	13506	13507	NS	1	0.0	102.152	6.101	0.0	23.786	8.07	0.0	353.15	3.155	0.0	126.277	4.23	0.0	1.416	0.0	0.0	1.79	0.0	0.0	1.851	0.0	0.0	2.146	0.0
144	13506	13507	NS	1	0.0	102.152	6.101	0.0	23.786	8.07	0.0	353.15	3.155	0.0	126.321	4.23	0.0	1.416	0.0	0.0	1.79	0.0	0.0	1.851	0.0	0.0	2.146	0.0
145	13506	13507	SN	1	0.0	31.584	12.18	0.0	45.91	13.562	0.0	129.757	9.244	0.0	37.331	10.957	0.0	1.436	0.0	0.0	1.763	0.0	0.0	1.809	0.0	0.0	2.115	0.0
146	13506	13507	SN	1	0.0	31.584	12.18	0.0	45.91	13.562	0.0	129.757	9.244	0.0	37.331	10.957	0.0	1.436	0.0	0.0	1.763	0.0	0.0	1.809	0.0	0.0	2.115	0.0
147	13506	13507	NS	1	0.0	94.988	10.834	0.0	32.406	15.429	0.0	352.61	11.113	0.0	66.081	14.211	0.0	1.399	0.0	0.0	1.792	0.0	0.0	1.843	0.0	0.0	2.152	0.0
148	13506	13507	NS	1	0.0	94.988	10.834	0.0	32.401	15.419	0.0	352.61	11.113	0.0	66.103	14.203	0.0	1.399	0.0	0.0	1.792	0.0	0.0	1.843	0.0	0.0	2.152	0.0
149	13507	13508	SN	1	0.0	29.759	12.172	0.0	230.149	13.571	0.0	165.748	9.433	0.0	42.328	10.898	0.0	1.437	0.0	0.0	1.762	0.0	0.0	1.806	0.0	0.0	2.115	0.0
150	13507	13508	NS	1	0.0	212.854	10.859	0.0	32.158	15.524	0.0	181.32	11.095	0.0	68.921	14.295	0.0	1.4	0.0	0.0	1.788	0.0	0.0	1.836	0.0	0.0	2.149	0.0
151	13507	13508	NS	1	0.0	212.854	10.869	0.0	32.169	15.513	0.0	181.331	11.073	0.0	68.893	14.266	0.0	1.4	0.0	0.0	1.788	0.0	0.0	1.836	0.0	0.0	2.149	0.0
152	13507	13508	NS	1	0.0	79.794	6.208	0.0	23.77	8.124	0.0	176.124	3.232	0.0	14.262	4.226	0.0	1.417	0.0	0.0	1.79	0.0	0.0	1.852	0.0	0.0	2.147	0.0
153	13507	13508	SN	1	0.0	23.885	5.728	0.0	266.99	6.294	0.0	165.748	1.617	0.0	48.72	2.102	0.0	1.423	0.0	0.0	1.76	0.0	0.0	1.815	0.0	0.0	2.115	0.0
154	13507	13508	SN	1	0.0	23.885	5.728	0.0	266.99	6.294	0.0	165.748	1.617	0.0	48.72	2.102	0.0	1.423	0.0	0.0	1.76	0.0	0.0	1.815	0.0	0.0	2.115	0.0
155	13507	13508	NS	1	0.0	79.794	6.163	0.0	23.77	8.131	0.0	176.141	3.19	0.0	70.906	4.326	0.0	1.416	0.0	0.0	1.79	0.0	0.0	1.852	0.0	0.0	2.148	0.0
156	13507	13508	NS	1	0.0	79.794	6.168	0.0	23.77	8.138	0.0	176.124	3.192	0.0	70.962	4.324	0.0	1.417	0.0	0.0	1.79	0.0	0.0	1.852	0.0	0.0	2.147	0.0
157	13507	13508	NS	1	0.0	212.854	10.858	0.0	28.342	15.328	0.0	181.32	11.191	0.0	19.49	14.031	0.0	1.4	0.0	0.0	1.788	0.0	0.0	1.836	0.0	0.0	2.149	0.0
158	13507	13508	SN	1	0.0	29.759	12.172	0.0	230.149	13.571	0.0	165.748	9.433	0.0	42.328	10.898	0.0	1.437	0.0	0.0	1.762	0.0	0.0	1.806	0.0	0.0	2.115	0.0
159	13508	13509	NS	1	0.0	236.905	10.777	0.0	32.103	15.483	0.0	353.161	11.094	0.0	71.314	14.331	0.0	1.4	0.0	0.0	1.789	0.0	0.0	1.836	0.0	0.0	2.144	0.0
160	13508	13509	SN	1	0.0	31.485	12.167	0.0	23.317	13.627	0.0	144.372	9.419	0.0	39.217	11.011	0.0	1.436	0.0	0.0	1.762	0.0	0.0	1.808	0.0	0.0	2.115	0.0
161	13508	13509	NS	1	0.0	105.395	6.124	0.0	23.77	8.124	0.0	264.877	3.177	0.0	68.386	4.371	0.0	1.416	0.0	0.0	1.791	0.0	0.0	1.853	0.0	0.0	2.149	0.0
162	13508	13509	NS	1	0.0	105.395	6.25	0.0	23.77	8.122	0.0	264.877	3.323	0.0	14.262	4.278	0.0	1.416	0.0	0.0	1.791	0.0	0.0	1.853	0.0	0.0	2.149	0.0
163	13508	13509	NS	1	0.0	236.905	10.86	0.0	28.689	14.961	0.0	353.161	11.466	0.0	14.598	13.725	0.0	1.4	0.0	0.0	1.789	0.0	0.0	1.836	0.0	0.0	2.144	0.0
164	13508	13509	SN	1	0.0	23.378	5.745	0.0	25.722	6.326	0.0	154.045	1.609	0.0	56.667	2.147	0.0	1.429	0.0	0.0	1.76	0.0	0.0	1.817	0.0	0.0	2.114	0.0
165	13508	13509	NS	1	0.0	236.905	10.777	0.0	32.103	15.483	0.0	353.161	11.094	0.0	71.314	14.331	0.0	1.4	0.0	0.0	1.789	0.0	0.0	1.836	0.0	0.0	2.144	0.0
166	13508	13509	NS	1	0.0	105.395	6.124	0.0	23.77	8.124	0.0	264.877	3.177	0.0	68.386	4.371	0.0	1.416	0.0	0.0	1.791	0.0	0.0	1.853	0.0	0.0	2.149	0.0
167	13509	13510	NS	1	0.0	24.696	6.41	0.0	23.77	8.15	0.0	350.283	3.468	0.0	14.267	4.306	0.0	1.417	0.0	0.0	1.796	0.0	0.0	1.851	0.0	0.0	2.149	0.0
168	13509	13510	NS	1	0.0	167.703	11.0	0.0	28.198	14.721	0.0	146.376	11.838	0.0	14.609	13.335	0.0	1.401	0.0	0.0	1.789	0.0	0.0	1.836	0.0	0.0	2.144	0.0
169	13509	13510	NS	1	0.0	167.703	10.872	0.0	32.048	15.4	0.0	146.376	11.087	0.0	72.23	14.231	0.0	1.401	0.0	0.0	1.789	0.0	0.0	1.836	0.0	0.0	2.144	0.0
170	13509	13510	SN	1	0.0	31.651	12.065	0.0	23.306	13.626	0.0	135.724	9.28	0.0	57.753	11.09	0.0	1.44	0.0	0.0	1.761	0.0	0.0	1.803	0.0	0.0	2.113	0.0
171	13509	13510	SN	1	0.0	23.395	5.743	0.0	25.716	6.344	0.0	130.397	1.631	0.0	51.471	2.196	0.0	1.429	0.0	0.0	1.76	0.0	0.0	1.812	0.0	0.0	2.115	0.0
172	13509	13510	NS	1	0.0	24.696	6.139	0.0	23.77	8.098	0.0	350.283	3.155	0.0	119.835	4.35	0.0	1.417	0.0	0.0	1.796	0.0	0.0	1.851	0.0	0.0	2.149	0.0
173	13510	13511	SN	1	0.0	24.806	5.704	0.0	25.716	6.394	0.0	127.33	1.58	0.0	99.334	2.126	0.0	1.429	0.0	0.0	1.76	0.0	0.0	1.837	0.0	0.0	2.114	0.0
174	13510	13511	NS	1	0.0	213.428	10.776	0.0	32.412	15.336	0.0	150.48	11.159	0.0	70.741	14.171	0.0	1.401	0.0	0.0	1.794	0.0	0.0	1.85	0.0	0.0	2.147	0.0
175	13510	13511	NS	1	0.0	245.123	6.101	0.0	24.354	8.058	0.0	324.048	3.169	0.0	56.303	4.366	0.0	1.418	0.0	0.0	1.791	0.0	0.0	1.852	0.0	0.0	2.148	0.0
176	13510	13511	NS	1	0.0	24.702	6.101	0.0	24.354	8.055	0.0	324.026	3.157	0.0	64.514	4.358	0.0	1.418	0.0	0.0	1.791	0.0	0.0	1.852	0.0	0.0	2.148	0.0
177	13510	13511	NS	1	0.0	93.024	10.756	0.0	32.423	15.315	0.0	150.513	11.124	0.0	72.93	14.186	0.0	1.401	0.0	0.0	1.794	0.0	0.0	1.843	0.0	0.0	2.147	0.0
178	13510	13511	SN	1	0.0	31.717	12.203	0.0	23.312	13.285	0.0	117.376	9.754	0.0	268.076	10.153	0.0	1.44	0.0	0.0	1.76	0.0	0.0	1.834	0.0	0.0	2.113	0.0
179	13510	13511	SN	1	0.0	24.806	5.902	0.0	25.716	6.38	0.0	127.33	1.71	0.0	99.334	2.031	0.0	1.429	0.0	0.0	1.76	0.0	0.0	1.837	0.0	0.0	2.114	0.0

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

180	13510	13511	NS	1	0.0	213.428	10.874	0.0	28.452	14.668	0.0	150.48	12.297	0.0	14.598	13.221	0.0	1.401	0.0	0.0	1.794	0.0	0.0	1.85	0.0	0.0	2.147	0.0
181	13510	13511	SN	1	0.0	31.717	12.142	0.0	23.312	13.685	0.0	117.376	9.179	0.0	268.076	11.087	0.0	1.44	0.0	0.0	1.76	0.0	0.0	1.834	0.0	0.0	2.113	0.0
182	13510	13511	SN	1	0.0	31.717	12.135	0.0	23.312	13.699	0.0	117.376	9.167	0.0	268.076	11.065	0.0	1.44	0.0	0.0	1.76	0.0	0.0	1.834	0.0	0.0	2.113	0.0
183	13510	13511	NS	1	0.0	245.123	6.553	0.0	24.354	8.179	0.0	324.048	3.619	0.0	14.273	4.44	0.0	1.418	0.0	0.0	1.791	0.0	0.0	1.852	0.0	0.0	2.148	0.0
184	13510	13511	SN	1	0.0	24.806	5.7	0.0	25.716	6.385	0.0	127.33	1.581	0.0	142.124	2.137	0.0	1.429	0.0	0.0	1.76	0.0	0.0	1.837	0.0	0.0	2.114	0.0

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