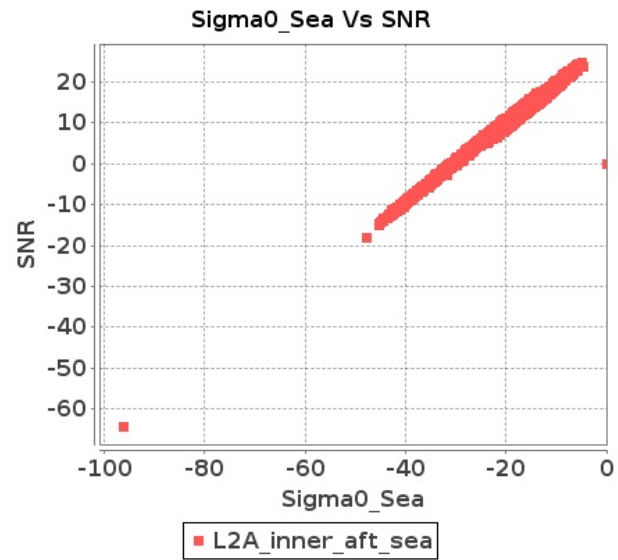


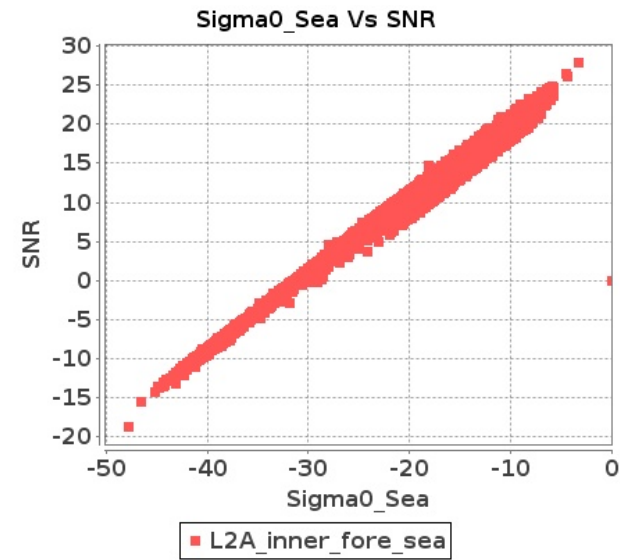
SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 23-APR-2018 To 24-APR-2018

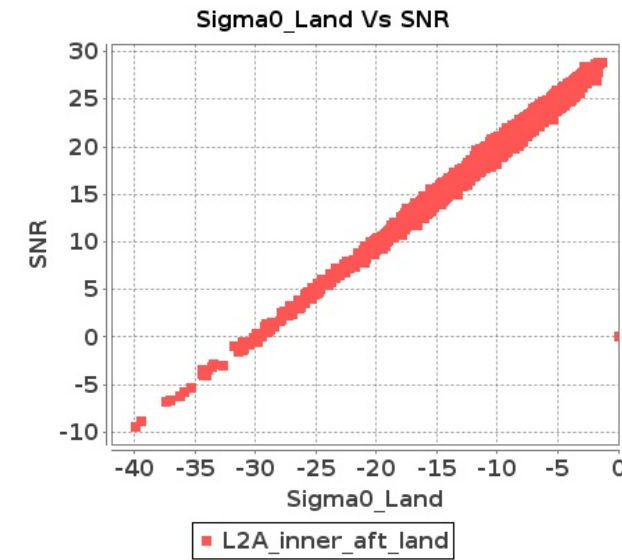
Inner Sea Aft Sigma0VsSNR



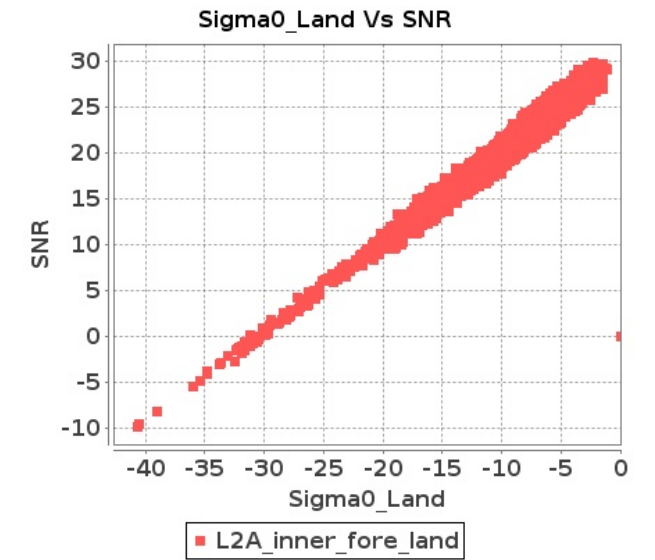
Inner Sea Fore Sigma0VsSNR



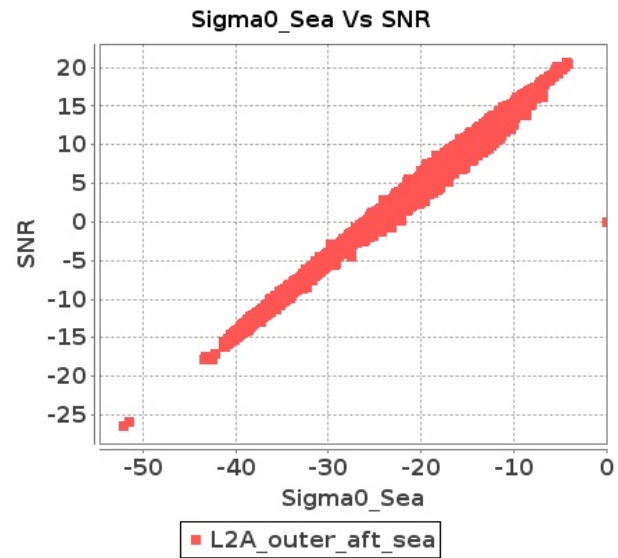
Inner Land Aft Sigma0VsSNR



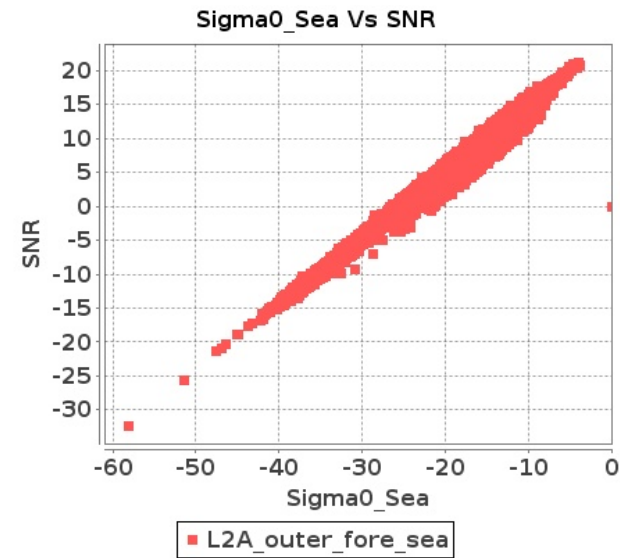
Inner Land Fore Sigma0VsSNR



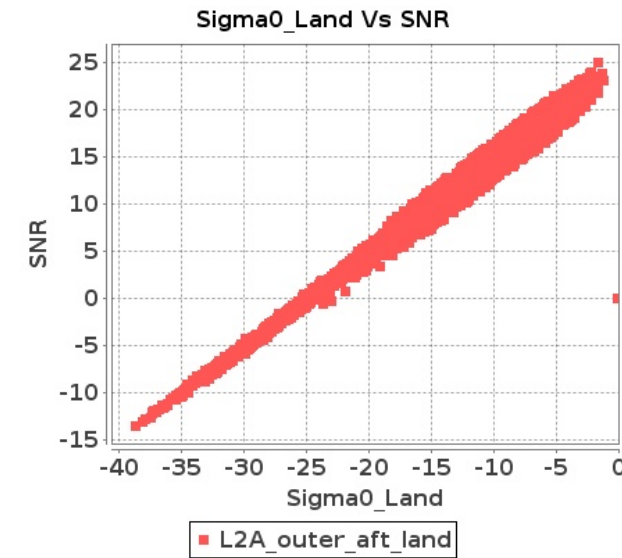
Outer Sea Aft Sigma0VsSNR



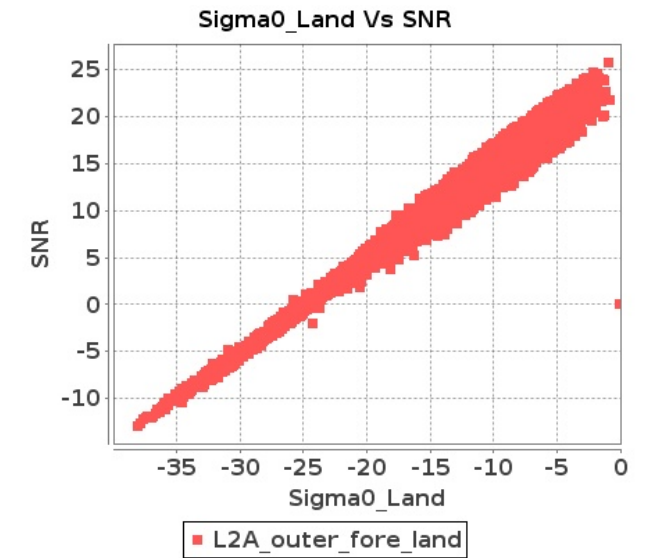
Outer Sea Fore Sigma0VsSNR



Outer Land Aft Sigma0VsSNR



Outer Land Fore Sigma0VsSNR



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

Report between 23-APR-2018 To 24-APR-2018

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	8320	8321	SN	1	0.0	49.306	3.802	0.0	52.321	4.565	0.0	47.136	3.028	0.0	46.693	3.873	0.0	48.716	3.934	0.0	52.502	4.17	0.0	46.433	2.985	0.0	49.435	3.283
2	8320	8321	NS	1	0.0	50.46	2.145	0.0	53.621	2.626	0.0	44.53	1.711	0.0	44.538	2.318	0.0	51.13	2.165	0.0	53.921	2.445	0.0	48.681	1.643	0.0	41.201	1.986
3	8320	8321	SN	1	0.0	49.306	3.914	0.0	52.321	4.684	0.0	47.136	3.094	0.0	46.693	3.946	0.0	48.716	4.029	0.0	52.502	4.278	0.0	46.433	3.036	0.0	49.435	3.37
4	8320	8321	SN	1	0.0	49.14	0.883	0.0	45.862	1.184	0.0	37.473	0.757	0.0	46.116	1.043	0.0	49.477	0.892	0.0	49.648	1.105	0.0	38.468	0.704	0.0	44.524	0.898
5	8320	8321	SN	1	0.0	49.14	0.883	0.0	45.862	1.184	0.0	37.473	0.757	0.0	46.116	1.043	0.0	49.477	0.892	0.0	49.648	1.105	0.0	38.468	0.704	0.0	44.524	0.898
6	8320	8321	NS	1	0.0	54.015	7.536	0.0	53.761	8.794	0.0	50.694	6.187	0.0	52.863	7.385	0.0	55.093	7.607	0.0	53.536	8.489	0.0	51.354	6.173	0.0	52.732	6.724
7	8320	8321	SN	1	0.0	49.306	3.802	0.0	52.321	4.565	0.0	47.136	3.028	0.0	46.693	3.873	0.0	48.716	3.934	0.0	52.502	4.17	0.0	46.433	2.985	0.0	49.435	3.283
8	8320	8321	SN	1	0.0	49.14	0.902	0.0	45.862	1.213	0.0	42.566	0.781	0.0	46.116	1.069	0.0	49.477	0.909	0.0	49.648	1.132	0.0	39.901	0.727	0.0	44.524	0.92
9	8320	8321	NS	1	0.0	54.083	7.476	0.0	54.502	8.834	0.0	53.206	6.195	0.0	53.274	7.371	0.0	55.161	7.628	0.0	54.274	8.438	0.0	53.863	6.159	0.0	51.729	6.638
10	8320	8321	NS	1	0.0	51.735	2.17	0.0	47.559	2.597	0.0	44.41	1.732	0.0	38.53	2.349	0.0	52.399	2.179	0.0	46.042	2.425	0.0	46.721	1.596	0.0	41.626	1.986
11	8321	8322	NS	1	0.0	43.825	1.218	0.0	49.193	1.6	0.0	43.588	1.247	0.0	39.541	1.66	0.0	44.432	1.188	0.0	48.457	1.469	0.0	45.294	1.216	0.0	39.783	1.473
12	8321	8322	SN	1	0.0	53.192	4.051	0.0	53.214	5.058	0.0	45.27	4.273	0.0	46.565	5.565	0.0	53.299	4.237	0.0	52.854	5.017	0.0	43.06	4.273	0.0	46.077	5.125
13	8321	8322	SN	1	0.0	53.192	4.062	0.0	52.982	5.089	0.0	45.743	4.259	0.0	46.548	5.594	0.0	53.299	4.237	0.0	52.714	5.038	0.0	43.532	4.273	0.0	46.061	5.147
14	8321	8322	SN	1	0.0	53.192	4.005	0.0	52.982	5.012	0.0	45.743	4.201	0.0	46.548	5.508	0.0	53.299	4.178	0.0	52.714	4.961	0.0	43.532	4.215	0.0	46.061	5.068
15	8321	8322	NS	1	0.0	55.984	3.818	0.0	50.424	4.652	0.0	44.668	3.696	0.0	44.631	4.732	0.0	57.97	3.778	0.0	49.25	4.388	0.0	43.824	3.732	0.0	46.665	4.519
16	8321	8322	NS	1	0.0	47.552	3.707	0.0	49.495	4.671	0.0	45.374	3.974	0.0	46.921	5.009	0.0	47.592	3.637	0.0	52.022	4.255	0.0	44.615	3.867	0.0	44.942	4.674
17	8321	8322	SN	1	0.0	49.065	1.202	0.0	44.821	1.682	0.0	39.19	1.327	0.0	42.722	1.993	0.0	50.7	1.195	0.0	44.23	1.616	0.0	37.133	1.257	0.0	39.018	1.768
18	8321	8322	SN	1	0.0	49.065	1.202	0.0	44.821	1.698	0.0	39.113	1.306	0.0	41.153	1.995	0.0	50.7	1.191	0.0	44.23	1.62	0.0	37.055	1.241	0.0	39.018	1.785
19	8321	8322	SN	1	0.0	49.065	1.186	0.0	44.821	1.677	0.0	39.113	1.287	0.0	41.153	1.969	0.0	50.7	1.174	0.0	44.23	1.6	0.0	37.055	1.224	0.0	39.018	1.762
20	8321	8322	NS	1	0.0	50.878	1.173	0.0	43.655	1.558	0.0	43.763	1.233	0.0	43.633	1.654	0.0	52.171	1.195	0.0	46.746	1.393	0.0	42.9	1.243	0.0	40.602	1.503
21	8322	8323	SN	1	0.0	35.247	2.04	0.0	43.112	2.607	0.0	40.032	2.951	0.0	38.462	4.009	0.0	34.764	1.999	0.0	42.825	2.394	0.0	38.042	2.859	0.0	39.008	3.433
22	8322	8323	SN	1	0.0	35.247	2.084	0.0	40.052	2.644	0.0	36.458	2.985	0.0	38.462	4.067	0.0	34.764	2.032	0.0	41.691	2.427	0.0	34.62	2.884	0.0	39.008	3.488
23	8322	8323	NS	1	0.0	42.629	1.367	0.0	47.931	1.785	0.0	36.67	1.443	0.0	40.245	1.86	0.0	41.987	1.356	0.0	45.116	1.717	0.0	36.313	1.447	0.0	40.418	1.824
24	8322	8323	SN	1	0.0	37.218	0.682	0.0	39.923	1.002	0.0	38.686	1.039	0.0	41.836	1.429	0.0	36.399	0.638	0.0	40.345	0.834	0.0	36.716	0.933	0.0	43.07	1.169
25	8322	8323	SN	1	0.0	35.247	2.04	0.0	43.112	2.607	0.0	40.032	2.951	0.0	38.462	4.009	0.0	34.764	1.999	0.0	42.825	2.394	0.0	38.042	2.859	0.0	39.008	3.433
26	8322	8323	NS	1	0.0	41.047	1.389	0.0	46.251	1.767	0.0	42.676	1.477	0.0	39.852	1.904	0.0	40.533	1.358	0.0	44.06	1.692	0.0	39.601	1.445	0.0	38.893	1.865
27	8322	8323	SN	1	0.0	37.218	0.673	0.0	39.923	0.983	0.0	38.686	1.024	0.0	41.836	1.403	0.0	36.399	0.63	0.0	40.345	0.818	0.0	36.716	0.91	0.0	43.07	1.151
28	8322	8323	SN	1	0.0	37.218	0.673	0.0	39.923	0.983	0.0	38.686	1.024	0.0	41.836	1.403	0.0	36.399	0.63	0.0	40.345	0.818	0.0	36.716	0.91	0.0	43.07	1.151
29	8322	8323	NS	1	0.0	47.275	4.072	0.0	58.099	5.179	0.0	46.769	4.279	0.0	37.789	5.486	0.0	47.493	4.072	0.0	55.664	5.037	0.0	46.163	4.265	0.0	41.312	5.293
30	8322	8323	NS	1	0.0	47.734	4.032	0.0	60.2	5.219	0.0	45.22	4.35	0.0	38.16	5.486	0.0	48.236	4.113	0.0	57.764	5.108	0.0	44.618	4.378	0.0	41.57	5.365
31	8323	8324	SN	1	0.0	36.664	0.953	0.0	40.022	1.209	0.0	36.778	1.119	0.0	37.259	1.732	0.0	38.207	0.949	0.0	38.178	1.103	0.0	38.224	1.056	0.0	37.371	1.503

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

32	8323	8324	SN	1	0.0	41.33	3.276	0.0	44.704	3.654	0.0	39.473	3.498	0.0	38.95	4.862	0.0	43.149	3.236	0.0	41.678	3.37	0.0	37.261	3.363	0.0	36.484	4.308
33	8323	8324	SN	1	0.0	36.664	0.977	0.0	40.022	1.232	0.0	38.604	1.147	0.0	41.624	1.768	0.0	38.207	0.97	0.0	38.178	1.133	0.0	40.371	1.082	0.0	37.371	1.535
34	8323	8324	NS	1	0.0	44.147	1.184	0.0	42.696	1.639	0.0	42.202	1.119	0.0	47.79	1.534	0.0	44.563	1.198	0.0	43.197	1.492	0.0	41.044	1.057	0.0	47.318	1.295
35	8323	8324	SN	1	0.0	41.33	3.358	0.0	44.704	3.75	0.0	39.473	3.57	0.0	41.297	4.983	0.0	43.149	3.306	0.0	41.678	3.468	0.0	39.199	3.454	0.0	37.685	4.414
36	8323	8324	NS	1	0.0	44.147	1.173	0.0	42.697	1.648	0.0	42.202	1.116	0.0	46.541	1.538	0.0	44.603	1.189	0.0	43.209	1.501	0.0	41.044	1.057	0.0	47.32	1.303
37	8323	8324	SN	1	0.0	39.054	0.992	0.0	40.022	1.216	0.0	36.778	1.155	0.0	37.939	1.737	0.0	39.22	0.969	0.0	39.677	1.108	0.0	34.878	1.061	0.0	38.051	1.508
38	8323	8324	SN	1	0.0	55.421	3.256	0.0	44.704	3.695	0.0	39.473	3.491	0.0	39.744	4.841	0.0	56.169	3.276	0.0	41.678	3.38	0.0	38.669	3.327	0.0	40.774	4.265
39	8323	8324	NS	1	0.0	50.168	4.975	0.0	57.677	5.867	0.0	45.981	3.825	0.0	47.094	4.957	0.0	49.465	4.924	0.0	59.889	5.614	0.0	44.472	3.74	0.0	46.471	4.373
40	8323	8324	NS	1	0.0	50.168	4.944	0.0	57.403	5.919	0.0	46.396	3.811	0.0	47.182	4.992	0.0	49.465	4.894	0.0	59.614	5.655	0.0	44.451	3.733	0.0	46.56	4.388
41	8324	8325	SN	1	0.0	41.542	2.607	0.0	47.035	3.492	0.0	40.104	2.794	0.0	40.307	4.244	0.0	41.285	2.485	0.0	47.191	3.208	0.0	39.552	2.574	0.0	42.984	3.718
42	8324	8325	NS	1	0.0	51.645	1.353	0.0	44.957	1.617	0.0	49.41	1.141	0.0	50.349	1.549	0.0	52.567	1.374	0.0	43.982	1.542	0.0	46.307	1.126	0.0	50.991	1.456
43	8324	8325	NS	1	0.0	53.514	4.306	0.0	51.487	5.472	0.0	45.265	4.357	0.0	45.991	5.682	0.0	53.502	4.376	0.0	54.544	5.208	0.0	45.471	4.265	0.0	48.024	5.326
44	8324	8325	NS	1	0.0	53.514	4.255	0.0	51.419	5.472	0.0	45.27	4.4	0.0	46.712	5.746	0.0	53.502	4.336	0.0	54.476	5.187	0.0	45.569	4.279	0.0	47.979	5.39
45	8324	8325	SN	1	0.0	41.542	2.705	0.0	47.035	3.62	0.0	38.438	2.863	0.0	40.307	4.399	0.0	41.285	2.579	0.0	47.191	3.335	0.0	37.041	2.634	0.0	42.984	3.881
46	8324	8325	NS	1	0.0	51.645	1.36	0.0	44.957	1.628	0.0	49.058	1.165	0.0	46.964	1.556	0.0	52.567	1.378	0.0	43.98	1.553	0.0	45.958	1.135	0.0	48.153	1.463
47	8324	8325	SN	1	0.0	41.798	0.771	0.0	48.229	1.303	0.0	42.388	0.969	0.0	36.789	1.564	0.0	42.104	0.752	0.0	47.338	1.162	0.0	42.968	0.891	0.0	37.031	1.281
48	8324	8325	SN	1	0.0	41.798	0.743	0.0	48.229	1.255	0.0	39.181	0.931	0.0	36.789	1.516	0.0	42.104	0.727	0.0	47.338	1.121	0.0	37.392	0.862	0.0	37.031	1.235
49	8324	8325	SN	1	0.0	40.847	0.725	0.0	48.365	1.237	0.0	39.433	0.944	0.0	38.335	1.509	0.0	41.154	0.718	0.0	47.472	1.105	0.0	38.552	0.859	0.0	37.534	1.253
50	8324	8325	SN	1	0.0	40.499	2.556	0.0	47.171	3.502	0.0	38.35	2.744	0.0	37.886	4.23	0.0	40.66	2.465	0.0	47.325	3.198	0.0	36.952	2.545	0.0	37.534	3.746
51	8325	8326	NS	1	0.0	48.256	1.175	0.0	46.009	1.391	0.0	42.405	1.422	0.0	43.758	1.79	0.0	47.624	1.173	0.0	43.932	1.273	0.0	42.898	1.362	0.0	42.599	1.545
52	8325	8326	NS	1	0.0	51.439	3.952	0.0	55.412	4.365	0.0	48.853	4.642	0.0	45.859	5.711	0.0	53.501	3.983	0.0	57.217	4.173	0.0	47.187	4.479	0.0	44.482	4.986
53	8325	8326	SN	1	0.0	44.236	1.477	0.0	50.318	1.93	0.0	40.958	1.328	0.0	42.184	2.081	0.0	43.811	1.436	0.0	47.81	1.774	0.0	41.165	1.296	0.0	40.901	1.799
54	8325	8326	SN	1	0.0	48.075	6.793	0.0	48.653	7.615	0.0	44.846	4.527	0.0	42.382	6.56	0.0	47.158	6.722	0.0	47.606	7.422	0.0	43.778	4.478	0.0	41.55	6.063
55	8325	8326	NS	1	0.0	48.141	1.178	0.0	41.693	1.377	0.0	44.953	1.419	0.0	45.954	1.795	0.0	47.511	1.164	0.0	41.206	1.25	0.0	41.123	1.355	0.0	41.968	1.572
56	8325	8326	NS	1	0.0	51.45	3.993	0.0	55.299	4.376	0.0	47.781	4.6	0.0	45.548	5.733	0.0	53.509	4.033	0.0	57.104	4.152	0.0	46.836	4.429	0.0	44.568	5.05
57	8325	8326	SN	1	0.0	44.099	1.484	0.0	43.613	1.927	0.0	40.958	1.321	0.0	42.182	2.043	0.0	43.675	1.443	0.0	43.599	1.776	0.0	41.165	1.295	0.0	40.901	1.784
58	8325	8326	SN	1	0.0	48.075	7.152	0.0	48.653	8.022	0.0	44.846	4.759	0.0	42.382	6.88	0.0	47.158	7.077	0.0	47.606	7.829	0.0	43.778	4.699	0.0	41.55	6.377
59	8325	8326	SN	1	0.0	44.099	1.574	0.0	43.613	2.028	0.0	40.958	1.387	0.0	41.687	2.141	0.0	43.675	1.533	0.0	43.599	1.871	0.0	41.165	1.364	0.0	38.589	1.88
60	8325	8326	SN	1	0.0	48.331	6.763	0.0	48.655	7.626	0.0	45.666	4.563	0.0	42.382	6.546	0.0	47.695	6.742	0.0	47.924	7.383	0.0	45.33	4.534	0.0	41.633	6.048
61	8326	8327	NS	1	0.0	46.99	0.681	0.0	40.873	0.909	0.0	39.741	0.847	0.0	38.565	1.142	0.0	46.451	0.672	0.0	44.194	0.83	0.0	40.56	0.774	0.0	38.835	0.893
62	8326	8327	SN	1	0.0	44.629	1.154	0.0	50.295	1.396	0.0	38.608	1.052	0.0	44.356	1.448	0.0	44.555	1.141	0.0	49.126	1.297	0.0	40.965	1.008	0.0	43.082	1.169
63	8326	8327	NS	1	0.0	46.571	0.684	0.0	40.873	0.905	0.0	38.639	0.852	0.0	39.066	1.14	0.0	46.032	0.686	0.0	44.194	0.825	0.0	37.151	0.785	0.0	39.413	0.895
64	8326	8327	SN	1	0.0	46.456	4.341	0.0	47.68	5.345	0.0	46.039	3.747	0.0	49.291	4.868	0.0	46.194	4.412	0.0	48.025	4.888	0.0	45.118	3.427	0.0	46.33	4.15
65	8326	8327	SN	1	0.0	46.456	4.341	0.0	47.68	5.345	0.0	46.039	3.746	0.0	49.291	4.875	0.0	46.194	4.412	0.0	48.025	4.888	0.0	45.118	3.426	0.0	46.33	4.15
66	8326	8327	SN	1	0.0	46.456	4.695	0.0	47.68	5.752	0.0	46.039	4.007	0.0	49.291	5.157	0.0	46.194	4.771	0.0	48.025	5.28	0.0	45.118	3.684	0.0	46.33	4.426
67	8326	8327	NS	1	0.0	42.232	2.736	0.0	47.993	3.32	0.0	39.94	3.017	0.0	46.02	3.691	0.0	42.421	2.706	0.0	46.524	2.964	0.0	38.877	2.69	0.0	47.181	3.065

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

68	8326	8327	NS	1	0.0	42.228	2.777	0.0	44.417	3.35	0.0	39.94	3.002	0.0	46.022	3.634	0.0	42.453	2.706	0.0	44.455	2.954	0.0	39.225	2.718	0.0	47.38	3.037
69	8326	8327	SN	1	0.0	44.629	1.154	0.0	50.295	1.396	0.0	38.608	1.052	0.0	44.356	1.448	0.0	44.555	1.141	0.0	49.126	1.297	0.0	40.965	1.008	0.0	43.082	1.167
70	8327	8328	SN	1	0.0	47.768	5.344	0.0	57.592	6.331	0.0	52.255	4.691	0.0	49.114	5.778	0.0	48.744	5.486	0.0	56.137	6.178	0.0	51.572	4.727	0.0	49.49	5.714
71	8327	8328	SN	1	0.0	47.77	5.385	0.0	57.446	6.351	0.0	43.438	4.663	0.0	50.27	5.771	0.0	50.205	5.496	0.0	55.991	6.188	0.0	42.856	4.72	0.0	51.681	5.678
72	8327	8328	NS	1	0.0	49.738	2.583	0.0	60.248	3.036	0.0	45.169	2.859	0.0	46.82	3.835	0.0	50.778	2.472	0.0	62.812	2.782	0.0	44.979	2.668	0.0	50.14	3.152
73	8327	8328	NS	1	0.0	50.833	2.604	0.0	52.295	3.168	0.0	39.469	2.931	0.0	43.887	3.805	0.0	51.789	2.422	0.0	53.852	2.832	0.0	37.568	2.683	0.0	42.57	3.215
74	8327	8328	SN	1	0.0	54.298	1.65	0.0	44.337	2.193	0.0	41.243	1.426	0.0	46.829	1.908	0.0	55.505	1.655	0.0	45.736	2.153	0.0	41.372	1.444	0.0	45.865	1.797
75	8327	8328	SN	1	0.0	42.307	1.493	0.0	46.928	1.971	0.0	47.671	1.309	0.0	46.76	1.822	0.0	42.451	1.504	0.0	45.713	1.941	0.0	46.75	1.332	0.0	45.796	1.71
76	8327	8328	SN	1	0.0	54.298	1.5	0.0	44.337	2.004	0.0	41.243	1.304	0.0	46.829	1.819	0.0	55.505	1.506	0.0	45.736	1.973	0.0	41.372	1.321	0.0	45.865	1.7
77	8327	8328	NS	1	0.0	46.121	0.64	0.0	42.572	0.897	0.0	40.504	0.834	0.0	42.768	1.306	0.0	46.76	0.647	0.0	42.618	0.795	0.0	38.644	0.719	0.0	40.02	1.061
78	8327	8328	NS	1	0.0	47.431	0.67	0.0	48.613	0.947	0.0	47.682	0.793	0.0	46.357	1.295	0.0	48.288	0.661	0.0	49.027	0.882	0.0	49.326	0.716	0.0	47.958	1.041
79	8327	8328	SN	1	0.0	47.77	5.853	0.0	57.446	6.76	0.0	43.438	5.103	0.0	50.27	6.082	0.0	50.205	5.989	0.0	55.991	6.601	0.0	42.856	5.19	0.0	51.681	6.05
80	8328	8329	NS	1	0.0	48.635	1.61	0.0	48.076	2.187	0.0	38.66	1.426	0.0	45.35	2.198	0.0	49.394	1.599	0.0	46.671	2.094	0.0	36.792	1.328	0.0	45.267	1.872
81	8328	8329	NS	1	0.0	49.56	5.855	0.0	49.263	7.088	0.0	46.871	5.094	0.0	49.851	7.378	0.0	50.813	5.906	0.0	47.933	6.814	0.0	46.328	4.896	0.0	47.636	6.56
82	8328	8329	SN	1	0.0	42.785	4.188	0.0	46.746	4.829	0.0	42.904	3.341	0.0	43.669	4.343	0.0	43.026	4.046	0.0	49.079	4.778	0.0	45.906	3.469	0.0	39.787	4.286
83	8328	8329	NS	1	0.0	53.568	5.936	0.0	49.4	7.098	0.0	43.418	5.094	0.0	48.924	7.335	0.0	53.606	5.906	0.0	47.521	6.763	0.0	44.451	4.789	0.0	47.755	6.546
84	8328	8329	NS	1	0.0	47.875	1.581	0.0	48.147	2.207	0.0	38.522	1.449	0.0	45.35	2.216	0.0	47.346	1.587	0.0	46.741	2.115	0.0	38.117	1.356	0.0	45.267	1.888
85	8328	8329	SN	1	0.0	41.871	0.926	0.0	38.135	1.369	0.0	34.756	1.08	0.0	39.288	1.48	0.0	42.961	0.937	0.0	40.638	1.295	0.0	37.119	1.082	0.0	36.835	1.38
86	8329	8330	NS	1	0.0	43.601	1.265	0.0	44.628	1.664	0.0	40.514	1.244	0.0	46.763	1.819	0.0	45.65	1.274	0.0	45.084	1.541	0.0	40.437	1.182	0.0	41.534	1.635
87	8329	8330	NS	1	0.0	48.621	3.707	0.0	51.325	4.937	0.0	47.108	3.802	0.0	46.726	5.196	0.0	48.928	3.767	0.0	54.501	4.794	0.0	46.487	3.753	0.0	42.464	4.954
88	8329	8330	SN	1	0.0	51.06	6.984	0.0	48.967	8.598	0.0	49.832	5.948	0.0	42.741	7.138	0.0	50.739	7.055	0.0	47.841	8.558	0.0	48.464	6.154	0.0	41.112	7.223
89	8329	8330	NS	1	0.0	48.924	3.646	0.0	54.454	5.058	0.0	40.921	3.88	0.0	53.427	5.146	0.0	49.232	3.686	0.0	57.625	4.855	0.0	41.751	3.802	0.0	49.665	4.904
90	8329	8330	NS	1	0.0	44.213	1.262	0.0	47.383	1.659	0.0	41.074	1.243	0.0	45.89	1.819	0.0	45.597	1.276	0.0	46.75	1.546	0.0	41.054	1.211	0.0	40.662	1.654
91	8334	8335	SN	1	0.0	46.118	0.691	0.0	41.339	0.746	0.0	45.881	0.678	0.0	38.803	0.742	0.0	46.793	0.684	0.0	43.738	0.678	0.0	44.44	0.631	0.0	37.085	0.644
92	8334	8335	SN	1	0.0	46.289	0.682	0.0	41.532	0.732	0.0	46.291	0.667	0.0	38.703	0.727	0.0	45.932	0.673	0.0	43.932	0.664	0.0	44.851	0.633	0.0	37.182	0.64
93	8334	8335	SN	1	0.0	52.408	2.875	0.0	50.831	2.992	0.0	46.306	2.667	0.0	45.352	2.667	0.0	52.276	2.939	0.0	49.276	2.725	0.0	44.621	2.45	0.0	45.257	2.285
94	8334	8335	SN	1	0.0	46.118	0.723	0.0	41.339	0.776	0.0	45.881	0.711	0.0	38.803	0.782	0.0	46.793	0.714	0.0	43.738	0.714	0.0	44.44	0.662	0.0	37.602	0.677
95	8334	8335	SN	1	0.0	53.43	2.718	0.0	50.83	2.77	0.0	46.306	2.566	0.0	45.213	2.644	0.0	52.972	2.789	0.0	49.275	2.536	0.0	44.623	2.332	0.0	45.257	2.196
96	8334	8335	SN	1	0.0	52.408	2.738	0.0	50.831	2.881	0.0	46.306	2.538	0.0	45.352	2.559	0.0	52.276	2.799	0.0	49.276	2.607	0.0	44.621	2.31	0.0	45.257	2.182
97	8335	8336	SN	1	0.0	48.198	4.791	0.0	54.821	6.245	0.0	45.101	4.353	0.0	49.753	5.373	0.0	47.796	4.872	0.0	55.897	6.001	0.0	46.66	4.346	0.0	49.833	5.323
98	8335	8336	NS	1	0.0	41.562	1.862	0.0	51.343	2.074	0.0	46.733	1.379	0.0	43.07	1.973	0.0	40.3	1.849	0.0	52.192	1.952	0.0	43.058	1.383	0.0	44.393	1.758
99	8335	8336	NS	1	0.0	45.222	1.826	0.0	49.399	2.094	0.0	40.992	1.381	0.0	41.229	1.973	0.0	44.972	1.84	0.0	50.247	1.975	0.0	38.803	1.381	0.0	42.553	1.796
100	8335	8336	SN	1	0.0	44.213	1.465	0.0	44.687	1.978	0.0	47.115	1.385	0.0	45.098	1.844	0.0	46.22	1.435	0.0	43.573	1.939	0.0	45.817	1.344	0.0	42.728	1.71
101	8335	8336	SN	1	0.0	48.198	4.873	0.0	54.821	6.352	0.0	45.101	4.423	0.0	49.753	5.464	0.0	47.796	4.956	0.0	55.897	6.094	0.0	46.66	4.423	0.0	49.833	5.406
102	8335	8336	SN	1	0.0	44.213	1.44	0.0	44.687	1.946	0.0	47.115	1.361	0.0	45.098	1.811	0.0	46.22	1.41	0.0	43.573	1.907	0.0	45.817	1.321	0.0	42.728	1.682
103	8335	8336	SN	1	0.0	44.213	1.44	0.0	44.687	1.946	0.0	47.115	1.361	0.0	45.098	1.811	0.0	46.22	1.41	0.0	43.573	1.907	0.0	45.817	1.321	0.0	42.728	1.682

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

104	8335	8336	NS	1	0.0	51.591	6.919	0.0	58.622	7.971	0.0	51.119	5.328	0.0	45.137	6.439	0.0	51.19	7.0	0.0	59.141	7.565	0.0	50.786	5.349	0.0	46.31	6.197
105	8335	8336	NS	1	0.0	51.501	6.989	0.0	57.451	7.788	0.0	47.72	5.399	0.0	45.12	6.482	0.0	52.248	7.091	0.0	57.973	7.545	0.0	47.357	5.328	0.0	43.382	6.24
106	8335	8336	SN	1	0.0	48.198	4.791	0.0	54.821	6.245	0.0	45.101	4.353	0.0	49.753	5.373	0.0	47.796	4.872	0.0	55.897	6.001	0.0	46.66	4.346	0.0	49.833	5.323
107	8336	8337	NS	1	0.0	48.587	3.283	0.0	50.881	3.604	0.0	46.73	2.845	0.0	45.21	3.776	0.0	49.207	3.283	0.0	48.566	3.563	0.0	46.726	2.902	0.0	48.231	3.648
108	8336	8337	SN	1	0.0	50.992	4.476	0.0	46.574	5.247	0.0	45.251	4.11	0.0	42.952	5.943	0.0	51.113	4.486	0.0	49.195	4.917	0.0	45.281	4.175	0.0	41.621	5.553
109	8336	8337	SN	1	0.0	45.115	4.476	0.0	46.572	5.206	0.0	47.688	4.147	0.0	42.952	5.957	0.0	45.788	4.465	0.0	49.195	5.01	0.0	47.716	4.168	0.0	41.621	5.56
110	8336	8337	SN	1	0.0	45.115	4.412	0.0	46.572	5.126	0.0	47.688	4.088	0.0	42.952	5.866	0.0	45.788	4.402	0.0	49.195	4.934	0.0	47.716	4.109	0.0	41.621	5.475
111	8336	8337	NS	1	0.0	48.61	3.324	0.0	50.881	3.604	0.0	46.75	2.817	0.0	45.21	3.762	0.0	49.229	3.303	0.0	48.568	3.563	0.0	46.747	2.859	0.0	48.231	3.655
112	8336	8337	SN	1	0.0	49.696	1.34	0.0	43.731	1.71	0.0	47.409	1.323	0.0	41.501	2.029	0.0	49.707	1.352	0.0	44.548	1.587	0.0	47.555	1.287	0.0	41.887	1.798
113	8336	8337	NS	1	0.0	47.971	0.846	0.0	46.568	1.061	0.0	41.972	0.873	0.0	40.505	1.224	0.0	48.278	0.864	0.0	43.146	1.0	0.0	40.219	0.866	0.0	38.631	1.112
114	8336	8337	NS	1	0.0	47.994	0.852	0.0	46.568	1.059	0.0	41.973	0.893	0.0	40.505	1.222	0.0	48.302	0.855	0.0	43.146	1.003	0.0	40.219	0.873	0.0	38.429	1.119
115	8336	8337	SN	1	0.0	49.696	1.322	0.0	43.731	1.686	0.0	47.409	1.304	0.0	41.501	2.0	0.0	49.707	1.333	0.0	44.548	1.564	0.0	47.555	1.269	0.0	41.887	1.773
116	8336	8337	SN	1	0.0	48.344	1.366	0.0	38.652	1.71	0.0	47.409	1.359	0.0	41.303	2.049	0.0	49.707	1.336	0.0	38.965	1.582	0.0	47.555	1.33	0.0	42.079	1.793
117	8337	8338	SN	1	0.0	37.703	2.191	0.0	41.605	2.944	0.0	38.418	2.204	0.0	40.544	3.1	0.0	38.783	2.191	0.0	40.589	2.66	0.0	37.167	1.955	0.0	38.356	2.559
118	8337	8338	SN	1	0.0	42.382	0.617	0.0	35.092	0.793	0.0	39.872	0.864	0.0	37.782	1.262	0.0	42.385	0.587	0.0	34.645	0.658	0.0	38.449	0.784	0.0	38.421	0.964
119	8337	8338	SN	1	0.0	37.703	2.236	0.0	41.605	3.005	0.0	35.955	2.264	0.0	40.544	3.15	0.0	38.783	2.226	0.0	40.589	2.715	0.0	34.808	1.996	0.0	38.356	2.606
120	8337	8338	SN	1	0.0	37.835	2.14	0.0	41.6	2.903	0.0	36.027	2.261	0.0	39.411	3.135	0.0	38.913	2.16	0.0	40.583	2.619	0.0	36.682	1.984	0.0	38.23	2.552
121	8337	8338	NS	1	0.0	49.608	2.073	0.0	45.913	2.524	0.0	47.88	1.718	0.0	41.82	2.493	0.0	50.545	2.082	0.0	44.325	2.554	0.0	46.639	1.757	0.0	41.253	2.419
122	8337	8338	NS	1	0.0	47.699	7.083	0.0	50.981	8.578	0.0	50.612	5.293	0.0	43.601	7.097	0.0	47.969	7.296	0.0	50.435	8.537	0.0	49.635	5.492	0.0	41.353	7.325
123	8337	8338	SN	1	0.0	42.382	0.632	0.0	35.092	0.813	0.0	35.001	0.866	0.0	37.782	1.283	0.0	42.385	0.606	0.0	34.645	0.668	0.0	33.739	0.793	0.0	38.421	0.975
124	8337	8338	SN	1	0.0	36.922	0.592	0.0	35.092	0.791	0.0	35.705	0.878	0.0	36.204	1.276	0.0	36.201	0.572	0.0	34.729	0.649	0.0	34.874	0.809	0.0	39.832	0.95
125	8338	8339	SN	1	0.0	43.347	4.1	0.0	44.841	4.785	0.0	37.468	3.579	0.0	43.034	4.335	0.0	42.853	4.016	0.0	43.743	4.607	0.0	37.085	3.557	0.0	39.355	3.821
126	8338	8339	NS	1	0.0	45.739	0.877	0.0	45.548	0.96	0.0	43.728	0.74	0.0	41.361	1.025	0.0	46.493	0.895	0.0	46.238	0.924	0.0	45.979	0.724	0.0	41.861	0.995
127	8338	8339	NS	1	0.0	45.765	2.968	0.0	49.444	3.533	0.0	44.713	2.894	0.0	49.102	3.528	0.0	45.265	2.918	0.0	50.556	3.269	0.0	44.427	2.795	0.0	49.787	3.186
128	8338	8339	NS	1	0.0	47.835	0.785	0.0	42.583	0.991	0.0	45.273	0.735	0.0	38.888	1.03	0.0	47.205	0.814	0.0	44.223	0.944	0.0	46.018	0.726	0.0	38.775	0.963
129	8338	8339	SN	1	0.0	40.016	1.021	0.0	38.729	1.483	0.0	38.462	1.105	0.0	40.253	1.512	0.0	40.743	1.032	0.0	39.534	1.316	0.0	35.277	1.034	0.0	40.266	1.218
130	8338	8339	SN	1	0.0	43.347	3.976	0.0	44.841	4.651	0.0	37.527	3.484	0.0	43.034	4.248	0.0	42.853	3.895	0.0	43.743	4.478	0.0	37.085	3.455	0.0	39.355	3.756
131	8338	8339	SN	1	0.0	44.144	4.027	0.0	39.668	4.631	0.0	37.965	3.569	0.0	40.654	4.22	0.0	44.034	3.956	0.0	41.405	4.508	0.0	36.335	3.47	0.0	36.976	3.699
132	8338	8339	NS	1	0.0	49.417	2.787	0.0	48.605	3.299	0.0	43.987	2.746	0.0	50.124	3.449	0.0	50.776	2.776	0.0	48.932	3.177	0.0	45.954	2.661	0.0	48.542	3.314
133	8338	8339	SN	1	0.0	40.016	1.058	0.0	38.729	1.527	0.0	34.897	1.133	0.0	40.253	1.558	0.0	40.743	1.067	0.0	39.534	1.355	0.0	36.339	1.069	0.0	40.266	1.258
134	8338	8339	SN	1	0.0	40.715	1.032	0.0	40.389	1.501	0.0	38.949	1.098	0.0	39.937	1.496	0.0	41.235	1.005	0.0	41.194	1.332	0.0	42.617	1.034	0.0	38.728	1.246
135	8339	8340	NS	1	0.0	49.451	1.401	0.0	54.53	1.493	0.0	43.881	1.222	0.0	48.618	1.467	0.0	50.478	1.408	0.0	55.501	1.409	0.0	44.438	1.183	0.0	46.349	1.355
136	8339	8340	NS	1	0.0	52.366	5.329	0.0	52.347	5.106	0.0	48.989	4.556	0.0	49.984	4.787	0.0	53.011	5.339	0.0	54.07	4.994	0.0	49.823	4.428	0.0	46.668	4.417
137	8339	8340	NS	1	0.0	52.562	5.299	0.0	52.985	5.106	0.0	47.832	4.592	0.0	50.93	4.815	0.0	53.208	5.35	0.0	54.708	4.984	0.0	46.904	4.499	0.0	47.613	4.452
138	8339	8340	NS	1	0.0	49.45	1.403	0.0	54.53	1.497	0.0	45.03	1.204	0.0	49.563	1.467	0.0	50.48	1.405	0.0	55.501	1.402	0.0	45.589	1.171	0.0	49.511	1.368
139	8339	8340	SN	1	0.0	43.805	3.459	0.0	44.705	4.781	0.0	40.005	3.367	0.0	43.434	4.901	0.0	44.06	3.551	0.0	42.697	4.251	0.0	38.596	3.26	0.0	43.311	4.258

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

140	8339	8340	SN	1	0.0	51.924	0.89	0.0	39.577	1.335	0.0	37.065	1.082	0.0	40.949	1.669	0.0	51.328	0.869	0.0	40.675	1.143	0.0	37.041	1.036	0.0	40.037	1.291
141	8339	8340	SN	1	0.0	51.924	0.89	0.0	39.577	1.335	0.0	37.065	1.082	0.0	40.949	1.669	0.0	51.328	0.869	0.0	40.675	1.143	0.0	37.041	1.036	0.0	40.037	1.291
142	8339	8340	SN	1	0.0	43.805	3.437	0.0	44.705	4.757	0.0	40.005	3.348	0.0	43.434	4.883	0.0	44.06	3.529	0.0	42.697	4.23	0.0	38.596	3.241	0.0	43.311	4.236
143	8339	8340	SN	1	0.0	43.805	3.437	0.0	44.705	4.757	0.0	40.005	3.348	0.0	43.434	4.883	0.0	44.06	3.529	0.0	42.697	4.23	0.0	38.596	3.241	0.0	43.311	4.236
144	8339	8340	SN	1	0.0	51.924	0.895	0.0	39.577	1.342	0.0	37.065	1.089	0.0	40.949	1.676	0.0	51.328	0.875	0.0	40.675	1.149	0.0	37.041	1.042	0.0	40.037	1.298
145	8340	8341	SN	1	0.0	53.392	4.881	0.0	54.264	6.223	0.0	45.114	4.884	0.0	51.039	6.063	0.0	53.938	4.932	0.0	55.942	5.735	0.0	43.036	4.892	0.0	48.491	5.472
146	8340	8341	SN	1	0.0	53.392	5.181	0.0	54.264	6.595	0.0	45.114	5.191	0.0	51.039	6.355	0.0	53.938	5.246	0.0	55.942	6.108	0.0	43.036	5.221	0.0	48.491	5.785
147	8340	8341	SN	1	0.0	53.039	4.86	0.0	54.816	6.192	0.0	45.114	4.913	0.0	46.13	6.113	0.0	53.583	4.85	0.0	56.492	5.684	0.0	43.4	4.906	0.0	44.311	5.465
148	8340	8341	NS	1	0.0	50.084	3.778	0.0	52.109	4.509	0.0	44.926	3.171	0.0	47.564	3.906	0.0	49.668	3.87	0.0	50.265	4.245	0.0	45.307	3.136	0.0	46.144	3.444
149	8340	8341	NS	1	0.0	47.532	4.021	0.0	51.438	4.72	0.0	46.882	3.101	0.0	46.636	3.77	0.0	47.695	4.072	0.0	51.304	4.497	0.0	50.499	3.052	0.0	49.129	3.236
150	8340	8341	SN	1	0.0	42.508	1.666	0.0	43.167	2.14	0.0	40.785	1.402	0.0	43.171	1.94	0.0	43.15	1.644	0.0	46.519	1.973	0.0	40.172	1.387	0.0	44.929	1.664
151	8340	8341	SN	1	0.0	42.508	1.559	0.0	43.167	2.004	0.0	40.785	1.327	0.0	43.171	1.838	0.0	43.15	1.538	0.0	46.519	1.851	0.0	40.172	1.301	0.0	44.929	1.573
152	8340	8341	SN	1	0.0	42.436	1.559	0.0	42.92	1.984	0.0	49.113	1.356	0.0	39.848	1.877	0.0	43.078	1.538	0.0	46.272	1.846	0.0	45.895	1.332	0.0	38.106	1.586
153	8340	8341	NS	1	0.0	45.48	0.832	0.0	44.506	1.059	0.0	37.929	1.04	0.0	42.426	1.243	0.0	44.692	0.837	0.0	43.341	0.953	0.0	35.865	0.963	0.0	41.152	1.066
154	8340	8341	NS	1	0.0	44.673	0.816	0.0	48.707	1.026	0.0	37.332	0.999	0.0	40.819	1.199	0.0	44.802	0.836	0.0	47.305	0.965	0.0	36.869	0.88	0.0	40.306	1.049
155	8341	8342	SN	1	0.0	50.05	10.754	0.0	52.228	11.935	0.0	47.7	7.497	0.0	47.716	8.665	0.0	51.724	10.921	0.0	52.124	11.946	0.0	45.728	7.543	0.0	45.754	8.767
156	8341	8342	SN	1	0.0	50.05	9.827	0.0	52.228	10.926	0.0	47.7	6.853	0.0	47.716	7.982	0.0	51.724	9.969	0.0	52.124	10.916	0.0	45.728	6.882	0.0	45.754	8.024
157	8341	8342	SN	1	0.0	50.05	9.827	0.0	52.228	10.926	0.0	47.7	6.853	0.0	47.716	7.982	0.0	51.724	9.969	0.0	52.124	10.916	0.0	45.728	6.882	0.0	45.754	8.024
158	8341	8342	SN	1	0.0	49.475	2.622	0.0	52.202	3.173	0.0	41.724	1.845	0.0	46.452	2.331	0.0	48.178	2.663	0.0	51.2	3.067	0.0	42.189	1.841	0.0	46.268	2.126
159	8341	8342	SN	1	0.0	49.475	2.622	0.0	52.202	3.173	0.0	41.724	1.845	0.0	46.452	2.331	0.0	48.178	2.663	0.0	51.2	3.067	0.0	42.189	1.841	0.0	46.268	2.126
160	8341	8342	NS	1	0.0	38.175	0.67	0.0	45.541	0.96	0.0	38.735	0.68	0.0	38.528	1.402	0.0	39.979	0.656	0.0	46.32	0.849	0.0	37.963	0.616	0.0	37.793	1.104
161	8341	8342	SN	1	0.0	49.475	2.873	0.0	52.202	3.476	0.0	41.724	2.017	0.0	46.452	2.531	0.0	48.178	2.918	0.0	51.2	3.36	0.0	42.189	2.011	0.0	46.268	2.323
162	8341	8342	NS	1	0.0	44.411	0.658	0.0	47.361	0.98	0.0	41.053	0.667	0.0	38.528	1.418	0.0	43.403	0.658	0.0	48.142	0.861	0.0	37.711	0.623	0.0	37.793	1.127
163	8341	8342	NS	1	0.0	49.451	3.009	0.0	51.07	4.366	0.0	45.158	2.54	0.0	40.657	4.006	0.0	50.186	3.059	0.0	48.466	3.981	0.0	43.019	2.313	0.0	40.515	3.344
164	8341	8342	NS	1	0.0	49.472	2.958	0.0	51.07	4.326	0.0	40.971	2.589	0.0	40.657	4.034	0.0	50.207	2.998	0.0	48.466	3.889	0.0	41.13	2.348	0.0	40.515	3.344
165	8342	8343	SN	1	0.0	47.575	1.461	0.0	52.525	2.011	0.0	41.955	1.517	0.0	45.315	1.859	0.0	46.532	1.502	0.0	51.341	1.912	0.0	41.985	1.581	0.0	45.662	1.854
166	8342	8343	NS	1	0.0	53.036	3.474	0.0	51.715	4.549	0.0	47.756	2.781	0.0	46.985	3.928	0.0	52.205	3.495	0.0	50.812	4.133	0.0	45.88	2.49	0.0	46.174	3.259
167	8342	8343	NS	1	0.0	50.773	0.868	0.0	44.787	1.182	0.0	45.731	0.747	0.0	43.036	1.132	0.0	49.925	0.879	0.0	44.979	1.078	0.0	45.238	0.696	0.0	38.696	0.841
168	8342	8343	NS	1	0.0	47.33	0.881	0.0	40.154	1.282	0.0	40.07	0.788	0.0	43.446	1.23	0.0	47.733	0.866	0.0	38.727	1.126	0.0	38.612	0.724	0.0	44.445	0.973
169	8342	8343	SN	1	0.0	49.617	5.091	0.0	56.011	6.188	0.0	46.651	5.062	0.0	45.455	5.857	0.0	49.037	5.0	0.0	55.431	6.117	0.0	46.869	5.304	0.0	45.299	5.871
170	8342	8343	SN	1	0.0	49.441	5.091	0.0	56.011	6.209	0.0	47.05	5.084	0.0	45.457	5.878	0.0	48.862	5.0	0.0	55.431	6.178	0.0	47.037	5.304	0.0	45.299	5.885
171	8342	8343	NS	1	0.0	44.504	3.484	0.0	50.749	4.581	0.0	44.391	2.766	0.0	47.726	3.751	0.0	44.152	3.524	0.0	50.412	4.195	0.0	43.814	2.759	0.0	46.789	3.182
172	8342	8343	SN	1	0.0	48.887	1.464	0.0	52.525	2.007	0.0	41.826	1.517	0.0	45.315	1.845	0.0	47.844	1.5	0.0	51.341	1.91	0.0	40.497	1.588	0.0	45.662	1.849
173	8343	8344	SN	1	0.0	45.838	2.557	0.0	44.402	2.914	0.0	41.673	2.439	0.0	41.914	3.412	0.0	45.322	2.466	0.0	43.456	2.467	0.0	40.395	2.205	0.0	39.903	2.894
174	8343	8344	NS	1	0.0	54.875	5.398	0.0	55.987	6.771	0.0	46.921	5.27	0.0	50.053	6.414	0.0	55.74	5.428	0.0	55.873	6.578	0.0	46.318	5.171	0.0	48.466	6.016
175	8343	8344	NS	1	0.0	50.052	1.788	0.0	45.035	2.269	0.0	44.724	1.596	0.0	41.15	2.036	0.0	49.233	1.806	0.0	42.163	2.267	0.0	43.586	1.536	0.0	39.958	1.823

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

176	8343	8344	NS	1	0.0	50.052	1.788	0.0	45.035	2.269	0.0	44.724	1.596	0.0	41.15	2.036	0.0	49.233	1.806	0.0	42.163	2.267	0.0	43.586	1.536	0.0	39.958	1.823
177	8343	8344	SN	1	0.0	42.581	0.696	0.0	47.898	0.814	0.0	36.348	0.935	0.0	42.363	1.267	0.0	41.309	0.637	0.0	46.662	0.689	0.0	36.562	0.848	0.0	45.163	1.005
178	8343	8344	NS	1	0.0	54.875	5.398	0.0	55.987	6.771	0.0	46.921	5.27	0.0	50.053	6.414	0.0	55.74	5.428	0.0	55.873	6.578	0.0	46.318	5.171	0.0	48.466	6.016
179	8344	8345	NS	1	0.0	37.762	0.834	0.0	45.508	1.47	0.0	39.172	1.234	0.0	43.302	1.792	0.0	38.063	0.841	0.0	41.602	1.405	0.0	41.361	1.17	0.0	37.814	1.689
180	8344	8345	NS	1	0.0	47.513	2.714	0.0	48.33	4.467	0.0	49.13	3.802	0.0	42.448	5.171	0.0	47.956	2.805	0.0	48.582	4.487	0.0	47.136	3.724	0.0	45.186	4.915

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	8320	8321	SN	1	0.0	30.09	12.31	0.0	276.707	12.884	0.0	143.495	9.674	0.0	66.773	12.522	0.0	1.448	0.0	1.778	0.0	0.0	1.812	0.0	0.0	2.133	0.0	
2	8320	8321	NS	1	0.0	24.608	5.988	0.0	24.178	7.51	0.0	279.597	2.246	0.0	48.714	3.766	0.0	1.416	0.0	1.777	0.0	0.0	1.835	0.0	0.0	2.132	0.0	
3	8320	8321	SN	1	0.0	30.09	12.336	0.0	276.707	12.626	0.0	143.495	9.888	0.0	66.773	12.114	0.0	1.448	0.0	1.778	0.0	0.0	1.812	0.0	0.0	2.133	0.0	
4	8320	8321	SN	1	0.0	22.915	5.98	0.0	140.103	6.739	0.0	149.969	2.155	0.0	45.311	3.039	0.0	1.433	0.0	1.775	0.0	0.0	1.831	0.0	0.0	2.132	0.0	
5	8320	8321	SN	1	0.0	22.915	5.98	0.0	140.103	6.739	0.0	149.969	2.155	0.0	45.311	3.039	0.0	1.433	0.0	1.775	0.0	0.0	1.831	0.0	0.0	2.132	0.0	
6	8320	8321	NS	1	0.0	22.336	10.373	0.0	32.759	14.907	0.0	218.016	11.034	0.0	77.067	13.81	0.0	1.398	0.0	1.778	0.0	0.0	1.827	0.0	0.0	2.132	0.0	
7	8320	8321	SN	1	0.0	30.09	12.31	0.0	276.707	12.884	0.0	143.495	9.674	0.0	66.773	12.522	0.0	1.448	0.0	1.778	0.0	0.0	1.812	0.0	0.0	2.133	0.0	
8	8320	8321	SN	1	0.0	22.915	6.064	0.0	140.103	6.745	0.0	149.969	2.213	0.0	42.187	2.955	0.0	1.433	0.0	1.775	0.0	0.0	1.831	0.0	0.0	2.132	0.0	
9	8320	8321	NS	1	0.0	22.336	10.373	0.0	32.759	14.907	0.0	218.016	11.034	0.0	77.067	13.81	0.0	1.398	0.0	1.778	0.0	0.0	1.827	0.0	0.0	2.132	0.0	
10	8320	8321	NS	1	0.0	24.608	5.988	0.0	24.178	7.51	0.0	279.597	2.246	0.0	48.714	3.764	0.0	1.416	0.0	1.777	0.0	0.0	1.835	0.0	0.0	2.132	0.0	
11	8321	8322	NS	1	0.0	24.608	5.96	0.0	24.183	7.488	0.0	257.289	2.233	0.0	75.158	3.763	0.0	1.415	0.0	1.776	0.0	0.0	1.836	0.0	0.0	2.131	0.0	
12	8321	8322	SN	1	0.0	30.084	12.391	0.0	279.624	12.64	0.0	145.083	9.778	0.0	18.211	12.314	0.0	1.448	0.0	1.777	0.0	0.0	1.812	0.0	0.0	2.132	0.0	
13	8321	8322	SN	1	0.0	30.084	12.401	0.0	23.847	12.64	0.0	145.144	9.778	0.0	18.211	12.278	0.0	1.448	0.0	1.777	0.0	0.0	1.812	0.0	0.0	2.132	0.0	
14	8321	8322	SN	1	0.0	30.084	12.381	0.0	23.847	12.803	0.0	145.144	9.674	0.0	65.494	12.509	0.0	1.448	0.0	1.777	0.0	0.0	1.812	0.0	0.0	2.132	0.0	
15	8321	8322	NS	1	0.0	22.363	10.372	0.0	32.516	14.931	0.0	267.511	10.975	0.0	64.658	13.799	0.0	1.419	0.0	1.777	0.0	0.0	1.836	0.0	0.0	2.131	0.0	
16	8321	8322	NS	1	0.0	22.363	10.383	0.0	32.031	14.876	0.0	275.317	11.056	0.0	71.965	13.831	0.0	1.419	0.0	1.778	0.0	0.0	1.826	0.0	0.0	2.131	0.0	
17	8321	8322	SN	1	0.0	22.931	6.04	0.0	264.342	6.741	0.0	146.809	2.187	0.0	13.026	2.963	0.0	1.433	0.0	1.774	0.0	0.0	1.828	0.0	0.0	2.131	0.0	
18	8321	8322	SN	1	0.0	22.931	6.033	0.0	25.854	6.738	0.0	146.87	2.187	0.0	13.021	2.96	0.0	1.433	0.0	1.774	0.0	0.0	1.828	0.0	0.0	2.131	0.0	
19	8321	8322	SN	1	0.0	22.931	5.982	0.0	25.854	6.741	0.0	146.87	2.156	0.0	75.175	3.044	0.0	1.433	0.0	1.774	0.0	0.0	1.828	0.0	0.0	2.131	0.0	
20	8321	8322	NS	1	0.0	24.613	5.959	0.0	24.183	7.478	0.0	116.016	2.239	0.0	63.522	3.766	0.0	1.415	0.0	1.776	0.0	0.0	1.836	0.0	0.0	2.131	0.0	
21	8322	8323	SN	1	0.0	30.25	12.382	0.0	53.724	12.864	0.0	141.134	9.672	0.0	269.215	12.644	0.0	1.446	0.0	1.778	0.0	0.0	1.813	0.0	0.0	2.131	0.0	
22	8322	8323	SN	1	0.0	30.25	12.388	0.0	53.724	12.663	0.0	141.134	9.801	0.0	269.215	12.368	0.0	1.446	0.0	1.778	0.0	0.0	1.813	0.0	0.0	2.131	0.0	
23	8322	8323	NS	1	0.0	54.342	5.972	0.0	24.178	7.469	0.0	199.624	2.205	0.0	64.763	3.782	0.0	1.417	0.0	1.776	0.0	0.0	1.833	0.0	0.0	2.131	0.0	
24	8322	8323	SN	1	0.0	22.92	6.047	0.0	194.666	6.778	0.0	150.868	2.201	0.0	219.048	2.993	0.0	1.431	0.0	1.775	0.0	0.0	1.83	0.0	0.0	2.131	0.0	
25	8322	8323	SN	1	0.0	30.25	12.382	0.0	53.724	12.864	0.0	141.134	9.672	0.0	269.215	12.644	0.0	1.446	0.0	1.778	0.0	0.0	1.813	0.0	0.0	2.131	0.0	
26	8322	8323	NS	1	0.0	54.342	5.972	0.0	24.178	7.469	0.0	199.624	2.205	0.0	64.763	3.782	0.0	1.417	0.0	1.776	0.0	0.0	1.833	0.0	0.0	2.131	0.0	
27	8322	8323	SN	1	0.0	22.92	5.986	0.0	194.666	6.777	0.0	150.868	2.165	0.0	219.048	3.083	0.0	1.431	0.0	1.775	0.0	0.0	1.83	0.0	0.0	2.131	0.0	
28	8322	8323	SN	1	0.0	22.92	5.986	0.0	194.666	6.777	0.0	150.868	2.165	0.0	219.048	3.085	0.0	1.431	0.0	1.775	0.0	0.0	1.83	0.0	0.0	2.131	0.0	
29	8322	8323	NS	1	0.0	41.272	10.342	0.0	32.042	14.886	0.0	169.506	11.013	0.0	78.925	13.838	0.0	1.398	0.0	1.777	0.0	0.0	1.828	0.0	0.0	2.127	0.0	
30	8322	8323	NS	1	0.0	41.272	10.342	0.0	32.042	14.886	0.0	169.506	11.013	0.0	78.925	13.838	0.0	1.398	0.0	1.777	0.0	0.0	1.828	0.0	0.0	2.127	0.0	
31	8323	8324	SN	1	0.0	22.931	5.975	0.0	236.299	6.775	0.0	139.899	2.157	0.0	72.809	3.095	0.0	1.434	0.0	1.775	0.0	0.0	1.829	0.0	0.0	2.131	0.0	

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

32	8323	8324	SN	1	0.0	30.917	12.354	0.0	155.162	12.801	0.0	147.212	9.669	0.0	63.676	12.504	0.0	1.449	0.0	0.0	1.775	0.0	0.0	1.834	0.0	0.0	2.13	0.0
33	8323	8324	SN	1	0.0	22.931	6.06	0.0	236.299	6.789	0.0	139.899	2.211	0.0	12.911	3.001	0.0	1.434	0.0	0.0	1.775	0.0	0.0	1.829	0.0	0.0	2.131	0.0
34	8323	8324	NS	1	0.0	201.612	5.971	0.0	24.178	7.475	0.0	279.39	2.219	0.0	54.665	3.747	0.0	1.417	0.0	0.0	1.776	0.0	0.0	1.832	0.0	0.0	2.131	0.0
35	8323	8324	SN	1	0.0	30.917	12.38	0.0	155.162	12.54	0.0	147.212	9.872	0.0	15.304	12.132	0.0	1.449	0.0	0.0	1.775	0.0	0.0	1.834	0.0	0.0	2.13	0.0
36	8323	8324	NS	1	0.0	201.612	5.964	0.0	24.189	7.464	0.0	279.379	2.216	0.0	54.626	3.738	0.0	1.417	0.0	0.0	1.776	0.0	0.0	1.832	0.0	0.0	2.13	0.0
37	8323	8324	SN	1	0.0	22.931	5.975	0.0	236.299	6.775	0.0	139.899	2.157	0.0	72.809	3.095	0.0	1.434	0.0	0.0	1.775	0.0	0.0	1.829	0.0	0.0	2.131	0.0
38	8323	8324	SN	1	0.0	30.917	12.354	0.0	155.162	12.801	0.0	147.212	9.669	0.0	63.676	12.504	0.0	1.449	0.0	0.0	1.775	0.0	0.0	1.834	0.0	0.0	2.13	0.0
39	8323	8324	NS	1	0.0	264.053	10.355	0.0	32.561	14.841	0.0	275.433	11.001	0.0	72.974	13.732	0.0	1.397	0.0	0.0	1.777	0.0	0.0	1.831	0.0	0.0	2.131	0.0
40	8323	8324	NS	1	0.0	264.053	10.344	0.0	32.561	14.853	0.0	246.427	10.958	0.0	72.936	13.76	0.0	1.397	0.0	0.0	1.777	0.0	0.0	1.831	0.0	0.0	2.131	0.0
41	8324	8325	SN	1	0.0	31.072	12.334	0.0	46.081	12.831	0.0	143.191	9.633	0.0	165.949	12.576	0.0	1.448	0.0	0.0	1.775	0.0	0.0	1.826	0.0	0.0	2.13	0.0
42	8324	8325	NS	1	0.0	160.467	5.971	0.0	24.172	7.477	0.0	353.211	2.223	0.0	50.832	3.761	0.0	1.416	0.0	0.0	1.776	0.0	0.0	1.833	0.0	0.0	2.132	0.0
43	8324	8325	NS	1	0.0	169.242	10.374	0.0	32.577	14.944	0.0	241.94	10.949	0.0	73.592	13.824	0.0	1.398	0.0	0.0	1.778	0.0	0.0	1.832	0.0	0.0	2.132	0.0
44	8324	8325	NS	1	0.0	150.882	10.374	0.0	32.577	14.932	0.0	241.94	10.935	0.0	73.559	13.824	0.0	1.398	0.0	0.0	1.778	0.0	0.0	1.832	0.0	0.0	2.132	0.0
45	8324	8325	SN	1	0.0	31.072	12.347	0.0	46.081	12.474	0.0	143.191	9.916	0.0	165.949	12.05	0.0	1.448	0.0	0.0	1.775	0.0	0.0	1.826	0.0	0.0	2.13	0.0
46	8324	8325	NS	1	0.0	254.63	5.975	0.0	24.172	7.491	0.0	353.206	2.212	0.0	50.793	3.756	0.0	1.416	0.0	0.0	1.776	0.0	0.0	1.833	0.0	0.0	2.132	0.0
47	8324	8325	SN	1	0.0	22.931	6.094	0.0	127.639	6.787	0.0	144.614	2.237	0.0	165.941	3.002	0.0	1.433	0.0	0.0	1.775	0.0	0.0	1.829	0.0	0.0	2.13	0.0
48	8324	8325	SN	1	0.0	22.931	5.975	0.0	127.639	6.759	0.0	144.614	2.155	0.0	165.941	3.072	0.0	1.433	0.0	0.0	1.775	0.0	0.0	1.829	0.0	0.0	2.13	0.0
49	8324	8325	SN	1	0.0	22.931	5.975	0.0	127.639	6.759	0.0	144.614	2.155	0.0	165.941	3.072	0.0	1.433	0.0	0.0	1.775	0.0	0.0	1.829	0.0	0.0	2.13	0.0
50	8324	8325	SN	1	0.0	31.072	12.334	0.0	46.081	12.831	0.0	143.191	9.619	0.0	165.949	12.576	0.0	1.448	0.0	0.0	1.775	0.0	0.0	1.826	0.0	0.0	2.13	0.0
51	8325	8326	NS	1	0.0	160.627	5.97	0.0	24.183	7.512	0.0	240.926	2.253	0.0	52.635	3.769	0.0	1.416	0.0	0.0	1.776	0.0	0.0	1.834	0.0	0.0	2.133	0.0
52	8325	8326	NS	1	0.0	211.288	10.326	0.0	32.754	14.893	0.0	137.834	11.031	0.0	70.796	13.727	0.0	1.398	0.0	0.0	1.777	0.0	0.0	1.82	0.0	0.0	2.131	0.0
53	8325	8326	SN	1	0.0	102.309	6.016	0.0	266.747	6.742	0.0	93.259	2.176	0.0	278.24	3.065	0.0	1.432	0.0	0.0	1.774	0.0	0.0	1.829	0.0	0.0	2.13	0.0
54	8325	8326	SN	1	0.0	61.354	12.44	0.0	56.168	12.847	0.0	142.441	9.751	0.0	250.544	12.601	0.0	1.447	0.0	0.0	1.778	0.0	0.0	1.822	0.0	0.0	2.131	0.0
55	8325	8326	NS	1	0.0	95.258	5.961	0.0	24.183	7.507	0.0	240.937	2.251	0.0	52.674	3.763	0.0	1.416	0.0	0.0	1.776	0.0	0.0	1.834	0.0	0.0	2.133	0.0
56	8325	8326	NS	1	0.0	22.314	10.336	0.0	32.748	14.893	0.0	137.751	11.016	0.0	70.973	13.72	0.0	1.398	0.0	0.0	1.776	0.0	0.0	1.82	0.0	0.0	2.131	0.0
57	8325	8326	SN	1	0.0	102.309	6.011	0.0	25.799	6.753	0.0	93.297	2.171	0.0	129.782	3.063	0.0	1.432	0.0	0.0	1.774	0.0	0.0	1.829	0.0	0.0	2.13	0.0
58	8325	8326	SN	1	0.0	61.354	12.471	0.0	56.168	12.477	0.0	142.441	10.187	0.0	250.544	11.897	0.0	1.447	0.0	0.0	1.778	0.0	0.0	1.822	0.0	0.0	2.131	0.0
59	8325	8326	SN	1	0.0	102.309	6.168	0.0	25.799	6.808	0.0	93.297	2.297	0.0	129.782	3.018	0.0	1.432	0.0	0.0	1.774	0.0	0.0	1.829	0.0	0.0	2.13	0.0
60	8325	8326	SN	1	0.0	61.354	12.461	0.0	235.857	12.818	0.0	142.497	9.765	0.0	180.399	12.594	0.0	1.447	0.0	0.0	1.777	0.0	0.0	1.822	0.0	0.0	2.133	0.0
61	8326	8327	NS	1	0.0	189.393	5.999	0.0	24.178	7.512	0.0	136.593	2.264	0.0	50.804	3.797	0.0	1.418	0.0	0.0	1.776	0.0	0.0	1.834	0.0	0.0	2.132	0.0
62	8326	8327	SN	1	0.0	22.937	5.986	0.0	25.799	6.765	0.0	134.472	2.146	0.0	49.971	3.044	0.0	1.434	0.0	0.0	1.774	0.0	0.0	1.832	0.0	0.0	2.129	0.0
63	8326	8327	NS	1	0.0	157.892	5.993	0.0	24.178	7.51	0.0	136.499	2.257	0.0	50.859	3.795	0.0	1.419	0.0	0.0	1.776	0.0	0.0	1.834	0.0	0.0	2.132	0.0
64	8326	8327	SN	1	0.0	31.16	12.324	0.0	23.852	12.911	0.0	129.04	9.633	0.0	82.171	12.48	0.0	1.448	0.0	0.0	1.777	0.0	0.0	1.828	0.0	0.0	2.128	0.0
65	8326	8327	SN	1	0.0	31.16	12.324	0.0	23.852	12.911	0.0	129.04	9.632	0.0	82.287	12.48	0.0	1.448	0.0	0.0	1.777	0.0	0.0	1.828	0.0	0.0	2.128	0.0
66	8326	8327	SN	1	0.0	31.16	12.394	0.0	23.852	12.47	0.0	129.04	10.291	0.0	14.063	11.693	0.0	1.448	0.0	0.0	1.777	0.0	0.0	1.828	0.0	0.0	2.128	0.0
67	8326	8327	NS	1	0.0	211.514	10.296	0.0	32.759	15.005	0.0	134.971	11.001	0.0	75.473	13.706	0.0	1.397	0.0	0.0	1.777	0.0	0.0	1.821	0.0	0.0	2.132	0.0
68	8326	8327	NS	1	0.0	41.294	10.296	0.0	32.759	15.015	0.0	134.883	10.966	0.0	75.556	13.698	0.0	1.398	0.0	0.0	1.777	0.0	0.0	1.821	0.0	0.0	2.132	0.0

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

69	8326	8327	SN	1	0.0	22.937	5.986	0.0	25.799	6.765	0.0	134.472	2.146	0.0	50.043	3.046	0.0	1.434	0.0	0.0	1.774	0.0	0.0	1.832	0.0	0.0	2.129	0.0
70	8327	8328	SN	1	0.0	30.658	12.321	0.0	235.852	13.057	0.0	131.125	9.632	0.0	70.912	12.337	0.0	1.448	0.0	0.0	1.776	0.0	0.0	1.827	0.0	0.0	2.13	0.0
71	8327	8328	SN	1	0.0	30.862	12.281	0.0	235.846	13.036	0.0	127.711	9.61	0.0	190.695	12.345	0.0	1.448	0.0	0.0	1.776	0.0	0.0	1.827	0.0	0.0	2.13	0.0
72	8327	8328	NS	1	0.0	161.852	10.312	0.0	32.02	14.988	0.0	269.951	10.962	0.0	72.952	13.789	0.0	1.398	0.0	0.0	1.776	0.0	0.0	1.823	0.0	0.0	2.127	0.0
73	8327	8328	NS	1	0.0	42.342	10.286	0.0	32.77	15.056	0.0	131.778	11.009	0.0	78.296	13.734	0.0	1.399	0.0	0.0	1.78	0.0	0.0	1.829	0.0	0.0	2.131	0.0
74	8327	8328	SN	1	0.0	22.92	6.242	0.0	266.752	6.778	0.0	126.746	2.336	0.0	114.825	3.141	0.0	1.433	0.0	0.0	1.773	0.0	0.0	1.832	0.0	0.0	2.129	0.0
75	8327	8328	SN	1	0.0	22.92	5.937	0.0	266.763	6.691	0.0	126.845	2.102	0.0	141.101	3.034	0.0	1.433	0.0	0.0	1.773	0.0	0.0	1.834	0.0	0.0	2.13	0.0
76	8327	8328	SN	1	0.0	22.92	5.946	0.0	266.752	6.691	0.0	126.746	2.095	0.0	114.825	3.036	0.0	1.433	0.0	0.0	1.773	0.0	0.0	1.832	0.0	0.0	2.129	0.0
77	8327	8328	NS	1	0.0	264.624	6.003	0.0	24.167	7.518	0.0	272.405	2.256	0.0	74.436	3.809	0.0	1.417	0.0	0.0	1.778	0.0	0.0	1.834	0.0	0.0	2.133	0.0
78	8327	8328	NS	1	0.0	68.852	6.006	0.0	24.167	7.496	0.0	203.542	2.255	0.0	62.937	3.799	0.0	1.417	0.0	0.0	1.78	0.0	0.0	1.834	0.0	0.0	2.136	0.0
79	8327	8328	SN	1	0.0	30.862	12.463	0.0	235.846	12.466	0.0	127.711	10.562	0.0	190.695	11.513	0.0	1.448	0.0	0.0	1.776	0.0	0.0	1.827	0.0	0.0	2.13	0.0
80	8328	8329	NS	1	0.0	24.613	6.0	0.0	24.183	7.5	0.0	175.121	2.263	0.0	130.049	3.802	0.0	1.418	0.0	0.0	1.777	0.0	0.0	1.834	0.0	0.0	2.132	0.0
81	8328	8329	NS	1	0.0	22.347	10.302	0.0	32.02	14.957	0.0	248.531	10.983	0.0	73.19	13.725	0.0	1.397	0.0	0.0	1.776	0.0	0.0	1.829	0.0	0.0	2.133	0.0
82	8328	8329	SN	1	0.0	30.829	12.26	0.0	23.858	12.996	0.0	139.496	9.568	0.0	80.522	12.232	0.0	1.448	0.0	0.0	1.776	0.0	0.0	1.825	0.0	0.0	2.13	0.0
83	8328	8329	NS	1	0.0	22.347	10.302	0.0	32.02	14.957	0.0	248.531	10.983	0.0	73.19	13.725	0.0	1.397	0.0	0.0	1.776	0.0	0.0	1.829	0.0	0.0	2.133	0.0
84	8328	8329	NS	1	0.0	24.613	6.0	0.0	24.183	7.5	0.0	175.121	2.263	0.0	130.049	3.802	0.0	1.418	0.0	0.0	1.777	0.0	0.0	1.834	0.0	0.0	2.132	0.0
85	8328	8329	SN	1	0.0	22.926	5.901	0.0	25.783	6.691	0.0	136.441	2.086	0.0	73.479	3.014	0.0	1.433	0.0	0.0	1.773	0.0	0.0	1.835	0.0	0.0	2.129	0.0
86	8329	8330	NS	1	0.0	190.303	5.992	0.0	24.172	7.495	0.0	246.438	2.262	0.0	72.87	3.806	0.0	1.416	0.0	0.0	1.777	0.0	0.0	1.833	0.0	0.0	2.133	0.0
87	8329	8330	NS	1	0.0	266.532	10.411	0.0	32.544	15.003	0.0	247.662	11.031	0.0	72.247	13.722	0.0	1.397	0.0	0.0	1.779	0.0	0.0	1.827	0.0	0.0	2.132	0.0
88	8329	8330	SN	1	0.0	30.945	12.274	0.0	79.32	12.963	0.0	141.046	9.643	0.0	256.544	12.356	0.0	1.449	0.0	0.0	1.774	0.0	0.0	1.83	0.0	0.0	2.129	0.0
89	8329	8330	NS	1	0.0	266.532	10.411	0.0	32.544	15.003	0.0	247.662	11.031	0.0	72.247	13.722	0.0	1.397	0.0	0.0	1.779	0.0	0.0	1.827	0.0	0.0	2.132	0.0
90	8329	8330	NS	1	0.0	190.303	5.992	0.0	24.172	7.495	0.0	246.438	2.262	0.0	72.87	3.806	0.0	1.416	0.0	0.0	1.777	0.0	0.0	1.833	0.0	0.0	2.133	0.0
91	8334	8335	SN	1	0.0	22.937	5.82	0.0	25.783	6.692	0.0	152.777	2.098	0.0	242.332	2.965	0.0	1.433	0.0	0.0	1.771	0.0	0.0	1.832	0.0	0.0	2.128	0.0
92	8334	8335	SN	1	0.0	22.937	5.818	0.0	25.783	6.673	0.0	153.052	2.098	0.0	186.542	2.938	0.0	1.432	0.0	0.0	1.771	0.0	0.0	1.832	0.0	0.0	2.128	0.0
93	8334	8335	SN	1	0.0	30.901	12.289	0.0	23.858	12.6	0.0	151.094	9.987	0.0	126.192	11.558	0.0	1.447	0.0	0.0	1.774	0.0	0.0	1.83	0.0	0.0	2.128	0.0
94	8334	8335	SN	1	0.0	22.937	5.973	0.0	25.783	6.741	0.0	152.777	2.212	0.0	242.332	2.911	0.0	1.433	0.0	0.0	1.771	0.0	0.0	1.832	0.0	0.0	2.128	0.0
95	8334	8335	SN	1	0.0	30.895	12.26	0.0	23.858	13.006	0.0	151.359	9.61	0.0	261.088	12.217	0.0	1.446	0.0	0.0	1.775	0.0	0.0	1.83	0.0	0.0	2.128	0.0
96	8334	8335	SN	1	0.0	30.901	12.25	0.0	23.858	12.986	0.0	151.094	9.589	0.0	126.192	12.217	0.0	1.447	0.0	0.0	1.774	0.0	0.0	1.83	0.0	0.0	2.128	0.0
97	8335	8336	SN	1	0.0	30.818	12.322	0.0	46.202	13.029	0.0	149.17	9.587	0.0	190.954	12.221	0.0	1.446	0.0	0.0	1.775	0.0	0.0	1.828	0.0	0.0	2.129	0.0
98	8335	8336	NS	1	0.0	238.546	6.061	0.0	24.15	7.543	0.0	228.327	2.286	0.0	72.842	3.832	0.0	1.417	0.0	0.0	1.778	0.0	0.0	1.836	0.0	0.0	2.134	0.0
99	8335	8336	NS	1	0.0	238.546	6.061	0.0	24.15	7.543	0.0	228.327	2.288	0.0	72.842	3.832	0.0	1.417	0.0	0.0	1.778	0.0	0.0	1.836	0.0	0.0	2.134	0.0
100	8335	8336	SN	1	0.0	22.937	5.886	0.0	25.783	6.716	0.0	148.205	2.133	0.0	223.854	2.883	0.0	1.431	0.0	0.0	1.772	0.0	0.0	1.832	0.0	0.0	2.128	0.0
101	8335	8336	SN	1	0.0	30.818	12.327	0.0	46.202	12.869	0.0	149.17	9.714	0.0	190.954	11.992	0.0	1.446	0.0	0.0	1.775	0.0	0.0	1.828	0.0	0.0	2.129	0.0
102	8335	8336	SN	1	0.0	22.937	5.826	0.0	25.783	6.709	0.0	148.205	2.096	0.0	223.854	2.979	0.0	1.431	0.0	0.0	1.772	0.0	0.0	1.832	0.0	0.0	2.128	0.0
103	8335	8336	SN	1	0.0	22.937	5.826	0.0	25.783	6.709	0.0	148.205	2.096	0.0	223.854	2.979	0.0	1.431	0.0	0.0	1.772	0.0	0.0	1.832	0.0	0.0	2.128	0.0
104	8335	8336	NS	1	0.0	194.274	10.363	0.0	32.555	15.028	0.0	248.674	11.125	0.0	74.778	13.796	0.0	1.398	0.0	0.0	1.777	0.0	0.0	1.822	0.0	0.0	2.135	0.0
105	8335	8336	NS	1	0.0	194.274	10.363	0.0	32.555	15.028	0.0	248.674	11.125	0.0	74.778	13.796	0.0	1.398	0.0	0.0	1.777	0.0	0.0	1.822	0.0	0.0	2.135	0.0

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

106	8335	8336	SN	1	0.0	30.818	12.322	0.0	46.202	13.029	0.0	149.17	9.587	0.0	190.954	12.221	0.0	1.446	0.0	0.0	1.775	0.0	0.0	1.828	0.0	0.0	2.129	0.0
107	8336	8337	NS	1	0.0	40.946	10.315	0.0	31.717	15.004	0.0	248.15	11.097	0.0	74.022	13.746	0.0	1.398	0.0	0.0	1.779	0.0	0.0	1.826	0.0	0.0	2.133	0.0
108	8336	8337	SN	1	0.0	31.116	12.275	0.0	236.96	12.854	0.0	147.317	9.699	0.0	207.381	12.109	0.0	1.449	0.0	0.0	1.773	0.0	0.0	1.831	0.0	0.0	2.127	0.0
109	8336	8337	SN	1	0.0	31.116	12.275	0.0	236.96	12.854	0.0	147.317	9.699	0.0	207.381	12.109	0.0	1.449	0.0	0.0	1.773	0.0	0.0	1.831	0.0	0.0	2.127	0.0
110	8336	8337	SN	1	0.0	31.116	12.263	0.0	236.96	13.004	0.0	147.317	9.598	0.0	207.381	12.343	0.0	1.449	0.0	0.0	1.773	0.0	0.0	1.831	0.0	0.0	2.127	0.0
111	8336	8337	NS	1	0.0	40.952	10.305	0.0	31.711	15.004	0.0	248.15	11.09	0.0	74.006	13.746	0.0	1.398	0.0	0.0	1.779	0.0	0.0	1.826	0.0	0.0	2.133	0.0
112	8336	8337	SN	1	0.0	22.942	5.884	0.0	79.38	6.727	0.0	131.191	2.117	0.0	157.641	2.923	0.0	1.433	0.0	0.0	1.772	0.0	0.0	1.832	0.0	0.0	2.128	0.0
113	8336	8337	NS	1	0.0	97.911	6.021	0.0	24.15	7.517	0.0	248.354	2.261	0.0	69.859	3.838	0.0	1.417	0.0	0.0	1.778	0.0	0.0	1.833	0.0	0.0	2.134	0.0
114	8336	8337	NS	1	0.0	97.911	6.021	0.0	24.15	7.519	0.0	248.354	2.267	0.0	69.836	3.841	0.0	1.417	0.0	0.0	1.778	0.0	0.0	1.833	0.0	0.0	2.134	0.0
115	8336	8337	SN	1	0.0	22.942	5.833	0.0	79.38	6.728	0.0	131.191	2.086	0.0	157.641	3.008	0.0	1.433	0.0	0.0	1.772	0.0	0.0	1.832	0.0	0.0	2.128	0.0
116	8336	8337	SN	1	0.0	22.942	5.884	0.0	79.38	6.727	0.0	131.191	2.117	0.0	157.641	2.925	0.0	1.433	0.0	0.0	1.772	0.0	0.0	1.832	0.0	0.0	2.128	0.0
117	8337	8338	SN	1	0.0	31.204	12.303	0.0	23.863	12.973	0.0	144.19	9.598	0.0	64.294	12.235	0.0	1.447	0.0	0.0	1.774	0.0	0.0	1.832	0.0	0.0	2.129	0.0
118	8337	8338	SN	1	0.0	22.937	5.837	0.0	25.794	6.728	0.0	145.607	2.097	0.0	67.421	3.023	0.0	1.432	0.0	0.0	1.772	0.0	0.0	1.833	0.0	0.0	2.127	0.0
119	8337	8338	SN	1	0.0	31.204	12.33	0.0	23.863	12.776	0.0	144.19	9.754	0.0	16.462	11.918	0.0	1.447	0.0	0.0	1.774	0.0	0.0	1.832	0.0	0.0	2.129	0.0
120	8337	8338	SN	1	0.0	31.204	12.303	0.0	23.863	12.973	0.0	144.19	9.598	0.0	64.294	12.235	0.0	1.447	0.0	0.0	1.774	0.0	0.0	1.832	0.0	0.0	2.129	0.0
121	8337	8338	NS	1	0.0	236.425	6.053	0.0	24.145	7.47	0.0	354.888	2.247	0.0	116.366	3.839	0.0	1.418	0.0	0.0	1.778	0.0	0.0	1.834	0.0	0.0	2.134	0.0
122	8337	8338	NS	1	0.0	210.306	10.356	0.0	31.7	15.034	0.0	266.306	11.047	0.0	69.803	13.718	0.0	1.398	0.0	0.0	1.779	0.0	0.0	1.828	0.0	0.0	2.132	0.0
123	8337	8338	SN	1	0.0	22.937	5.907	0.0	25.794	6.74	0.0	145.607	2.141	0.0	12.916	2.926	0.0	1.432	0.0	0.0	1.772	0.0	0.0	1.833	0.0	0.0	2.127	0.0
124	8337	8338	SN	1	0.0	22.937	5.837	0.0	25.794	6.728	0.0	145.607	2.097	0.0	67.421	3.024	0.0	1.432	0.0	0.0	1.772	0.0	0.0	1.833	0.0	0.0	2.127	0.0
125	8338	8339	SN	1	0.0	31.518	12.394	0.0	78.04	12.742	0.0	138.548	9.812	0.0	14.703	11.794	0.0	1.448	0.0	0.0	1.773	0.0	0.0	1.83	0.0	0.0	2.128	0.0
126	8338	8339	NS	1	0.0	78.608	6.052	0.0	24.156	7.505	0.0	279.098	2.264	0.0	105.226	3.822	0.0	1.417	0.0	0.0	1.778	0.0	0.0	1.835	0.0	0.0	2.134	0.0
127	8338	8339	NS	1	0.0	238.714	10.323	0.0	32.792	15.107	0.0	353.343	11.058	0.0	66.897	13.741	0.0	1.398	0.0	0.0	1.779	0.0	0.0	1.831	0.0	0.0	2.135	0.0
128	8338	8339	NS	1	0.0	203.812	6.048	0.0	24.15	7.49	0.0	355.108	2.263	0.0	112.864	3.816	0.0	1.417	0.0	0.0	1.778	0.0	0.0	1.834	0.0	0.0	2.134	0.0
129	8338	8339	SN	1	0.0	22.937	5.858	0.0	25.794	6.707	0.0	141.592	2.094	0.0	51.943	3.005	0.0	1.432	0.0	0.0	1.772	0.0	0.0	1.833	0.0	0.0	2.128	0.0
130	8338	8339	SN	1	0.0	31.518	12.366	0.0	78.04	12.976	0.0	138.548	9.577	0.0	33.002	12.231	0.0	1.448	0.0	0.0	1.773	0.0	0.0	1.83	0.0	0.0	2.128	0.0
131	8338	8339	SN	1	0.0	31.524	12.345	0.0	30.131	12.996	0.0	138.592	9.584	0.0	36.611	12.259	0.0	1.447	0.0	0.0	1.774	0.0	0.0	1.83	0.0	0.0	2.128	0.0
132	8338	8339	NS	1	0.0	269.24	10.315	0.0	31.722	15.024	0.0	279.36	11.061	0.0	71.132	13.717	0.0	1.398	0.0	0.0	1.779	0.0	0.0	1.826	0.0	0.0	2.129	0.0
133	8338	8339	SN	1	0.0	22.937	5.949	0.0	25.794	6.729	0.0	141.592	2.159	0.0	51.943	2.917	0.0	1.432	0.0	0.0	1.772	0.0	0.0	1.833	0.0	0.0	2.128	0.0
134	8338	8339	SN	1	0.0	22.937	5.86	0.0	132.167	6.712	0.0	141.647	2.095	0.0	115.983	3.003	0.0	1.432	0.0	0.0	1.772	0.0	0.0	1.833	0.0	0.0	2.128	0.0
135	8339	8340	NS	1	0.0	122.69	6.059	0.0	24.156	7.543	0.0	125.546	2.281	0.0	124.727	3.861	0.0	1.417	0.0	0.0	1.779	0.0	0.0	1.834	0.0	0.0	2.135	0.0
136	8339	8340	NS	1	0.0	221.182	10.344	0.0	32.77	15.085	0.0	136.063	11.064	0.0	75.434	13.784	0.0	1.397	0.0	0.0	1.779	0.0	0.0	1.831	0.0	0.0	2.135	0.0
137	8339	8340	NS	1	0.0	221.187	10.356	0.0	32.77	15.115	0.0	136.108	11.05	0.0	75.368	13.784	0.0	1.397	0.0	0.0	1.779	0.0	0.0	1.831	0.0	0.0	2.135	0.0
138	8339	8340	NS	1	0.0	148.439	6.052	0.0	24.156	7.55	0.0	262.522	2.283	0.0	124.6	3.86	0.0	1.416	0.0	0.0	1.779	0.0	0.0	1.834	0.0	0.0	2.135	0.0
139	8339	8340	SN	1	0.0	31.127	12.315	0.0	156.579	13.059	0.0	134.108	9.666	0.0	266.634	12.116	0.0	1.447	0.0	0.0	1.773	0.0	0.0	1.828	0.0	0.0	2.128	0.0
140	8339	8340	SN	1	0.0	22.931	5.864	0.0	25.799	6.713	0.0	141.829	2.096	0.0	260.457	2.998	0.0	1.432	0.0	0.0	1.773	0.0	0.0	1.832	0.0	0.0	2.128	0.0
141	8339	8340	SN	1	0.0	22.931	5.864	0.0	25.799	6.713	0.0	141.829	2.096	0.0	260.457	2.998	0.0	1.432	0.0	0.0	1.773	0.0	0.0	1.832	0.0	0.0	2.128	0.0
142	8339	8340	SN	1	0.0	31.127	12.31	0.0	156.579	13.095	0.0	134.108	9.625	0.0	266.634	12.189	0.0	1.447	0.0	0.0	1.773	0.0	0.0	1.828	0.0	0.0	2.128	0.0

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

143	8339	8340	SN	1	0.0	31.127	12.31	0.0	156.579	13.095	0.0	134.108	9.625	0.0	266.634	12.189	0.0	1.447	0.0	0.0	1.773	0.0	0.0	1.828	0.0	0.0	2.128	0.0
144	8339	8340	SN	1	0.0	22.931	5.889	0.0	25.799	6.713	0.0	141.829	2.109	0.0	260.457	2.967	0.0	1.432	0.0	0.0	1.773	0.0	0.0	1.832	0.0	0.0	2.128	0.0
145	8340	8341	SN	1	0.0	31.049	12.31	0.0	23.852	13.27	0.0	125.13	9.57	0.0	179.003	12.113	0.0	1.447	0.0	0.0	1.772	0.0	0.0	1.829	0.0	0.0	2.126	0.0
146	8340	8341	SN	1	0.0	31.049	12.346	0.0	23.852	12.887	0.0	125.13	10.116	0.0	179.003	11.449	0.0	1.447	0.0	0.0	1.772	0.0	0.0	1.829	0.0	0.0	2.126	0.0
147	8340	8341	SN	1	0.0	31.049	12.319	0.0	167.504	13.238	0.0	125.301	9.577	0.0	156.971	12.113	0.0	1.446	0.0	0.0	1.772	0.0	0.0	1.828	0.0	0.0	2.126	0.0
148	8340	8341	NS	1	0.0	25.259	10.403	0.0	47.914	15.089	0.0	128.155	11.11	0.0	86.376	13.847	0.0	1.398	0.0	0.0	1.778	0.0	0.0	1.821	0.0	0.0	2.135	0.0
149	8340	8341	NS	1	0.0	25.259	10.373	0.0	47.898	15.136	0.0	133.174	11.149	0.0	86.525	13.848	0.0	1.398	0.0	0.0	1.779	0.0	0.0	1.833	0.0	0.0	2.135	0.0
150	8340	8341	SN	1	0.0	22.942	6.027	0.0	25.772	6.751	0.0	124.975	2.221	0.0	177.757	2.96	0.0	1.432	0.0	0.0	1.772	0.0	0.0	1.833	0.0	0.0	2.127	0.0
151	8340	8341	SN	1	0.0	22.942	5.849	0.0	25.772	6.702	0.0	124.975	2.078	0.0	177.757	2.996	0.0	1.432	0.0	0.0	1.772	0.0	0.0	1.833	0.0	0.0	2.127	0.0
152	8340	8341	SN	1	0.0	22.937	5.844	0.0	152.876	6.711	0.0	125.146	2.079	0.0	89.02	2.982	0.0	1.431	0.0	0.0	1.772	0.0	0.0	1.833	0.0	0.0	2.127	0.0
153	8340	8341	NS	1	0.0	24.641	6.044	0.0	47.898	7.579	0.0	127.901	2.322	0.0	154.155	3.861	0.0	1.417	0.0	0.0	1.779	0.0	0.0	1.835	0.0	0.0	2.135	0.0
154	8340	8341	NS	1	0.0	24.635	6.049	0.0	47.914	7.578	0.0	131.497	2.335	0.0	96.777	3.841	0.0	1.417	0.0	0.0	1.813	0.0	0.0	1.835	0.0	0.0	2.238	0.0
155	8341	8342	SN	1	0.0	30.878	12.367	0.0	23.858	12.848	0.0	137.881	10.305	0.0	13.236	11.226	0.0	1.447	0.0	0.0	1.774	0.0	0.0	1.827	0.0	0.0	2.127	0.0
156	8341	8342	SN	1	0.0	30.878	12.271	0.0	23.858	13.32	0.0	137.881	9.541	0.0	79.369	12.082	0.0	1.447	0.0	0.0	1.774	0.0	0.0	1.827	0.0	0.0	2.127	0.0
157	8341	8342	SN	1	0.0	30.878	12.271	0.0	23.858	13.32	0.0	137.881	9.541	0.0	79.369	12.082	0.0	1.447	0.0	0.0	1.774	0.0	0.0	1.827	0.0	0.0	2.127	0.0
158	8341	8342	SN	1	0.0	22.931	5.843	0.0	25.783	6.709	0.0	134.627	2.052	0.0	55.558	2.935	0.0	1.432	0.0	0.0	1.771	0.0	0.0	1.832	0.0	0.0	2.126	0.0
159	8341	8342	SN	1	0.0	22.931	5.843	0.0	25.783	6.709	0.0	134.627	2.052	0.0	55.558	2.935	0.0	1.432	0.0	0.0	1.771	0.0	0.0	1.832	0.0	0.0	2.126	0.0
160	8341	8342	NS	1	0.0	160.511	6.052	0.0	24.15	7.58	0.0	338.822	2.383	0.0	76.962	3.861	0.0	1.417	0.0	0.0	1.779	0.0	0.0	1.835	0.0	0.0	2.136	0.0
161	8341	8342	SN	1	0.0	22.931	6.086	0.0	25.783	6.762	0.0	134.627	2.253	0.0	11.675	2.969	0.0	1.432	0.0	0.0	1.771	0.0	0.0	1.832	0.0	0.0	2.126	0.0
162	8341	8342	NS	1	0.0	160.511	6.052	0.0	24.15	7.58	0.0	338.822	2.383	0.0	76.962	3.861	0.0	1.417	0.0	0.0	1.779	0.0	0.0	1.835	0.0	0.0	2.136	0.0
163	8341	8342	NS	1	0.0	213.031	10.454	0.0	32.544	15.14	0.0	250.318	11.095	0.0	71.496	13.882	0.0	1.398	0.0	0.0	1.778	0.0	0.0	1.822	0.0	0.0	2.131	0.0
164	8341	8342	NS	1	0.0	213.031	10.454	0.0	32.544	15.14	0.0	250.318	11.095	0.0	71.496	13.882	0.0	1.398	0.0	0.0	1.778	0.0	0.0	1.822	0.0	0.0	2.131	0.0
165	8342	8343	SN	1	0.0	22.953	5.798	0.0	193.047	6.709	0.0	125.505	2.012	0.0	63.092	2.899	0.0	1.431	0.0	0.0	1.77	0.0	0.0	1.832	0.0	0.0	2.126	0.0
166	8342	8343	NS	1	0.0	22.341	10.413	0.0	32.599	15.12	0.0	219.401	11.024	0.0	73.515	13.918	0.0	1.398	0.0	0.0	1.778	0.0	0.0	1.824	0.0	0.0	2.136	0.0
167	8342	8343	NS	1	0.0	24.63	6.063	0.0	24.128	7.575	0.0	174.685	2.404	0.0	117.729	3.854	0.0	1.419	0.0	0.0	1.78	0.0	0.0	1.837	0.0	0.0	2.136	0.0
168	8342	8343	NS	1	0.0	24.635	6.052	0.0	24.139	7.583	0.0	133.968	2.405	0.0	69.544	3.863	0.0	1.418	0.0	0.0	1.78	0.0	0.0	1.835	0.0	0.0	2.136	0.0
169	8342	8343	SN	1	0.0	30.923	12.252	0.0	235.824	13.391	0.0	131.919	9.47	0.0	94.657	12.041	0.0	1.447	0.0	0.0	1.774	0.0	0.0	1.83	0.0	0.0	2.126	0.0
170	8342	8343	SN	1	0.0	30.917	12.252	0.0	170.058	13.412	0.0	131.858	9.463	0.0	178.132	12.048	0.0	1.446	0.0	0.0	1.774	0.0	0.0	1.83	0.0	0.0	2.126	0.0
171	8342	8343	NS	1	0.0	22.341	10.442	0.0	31.711	15.084	0.0	197.236	11.03	0.0	73.713	13.93	0.0	1.398	0.0	0.0	1.781	0.0	0.0	1.831	0.0	0.0	2.132	0.0
172	8342	8343	SN	1	0.0	22.953	5.8	0.0	266.73	6.703	0.0	125.632	2.013	0.0	128.152	2.901	0.0	1.432	0.0	0.0	1.77	0.0	0.0	1.832	0.0	0.0	2.127	0.0
173	8343	8344	SN	1	0.0	31.165	12.229	0.0	23.874	13.32	0.0	138.344	9.437	0.0	78.23	11.972	0.0	1.447	0.0	0.0	1.773	0.0	0.0	1.83	0.0	0.0	2.126	0.0
174	8343	8344	NS	1	0.0	151.489	10.492	0.0	31.689	15.075	0.0	138.109	11.101	0.0	69.395	13.938	0.0	1.398	0.0	0.0	1.781	0.0	0.0	1.828	0.0	0.0	2.13	0.0
175	8343	8344	NS	1	0.0	193.064	6.048	0.0	24.15	7.567	0.0	131.712	2.412	0.0	71.055	3.868	0.0	1.418	0.0	0.0	1.779	0.0	0.0	1.834	0.0	0.0	2.136	0.0
176	8343	8344	NS	1	0.0	193.064	6.048	0.0	24.15	7.567	0.0	131.712	2.412	0.0	71.055	3.868	0.0	1.418	0.0	0.0	1.779	0.0	0.0	1.834	0.0	0.0	2.136	0.0
177	8343	8344	SN	1	0.0	22.937	5.815	0.0	25.755	6.671	0.0	140.511	2.028	0.0	61.873	2.881	0.0	1.432	0.0	0.0	1.771	0.0	0.0	1.832	0.0	0.0	2.127	0.0
178	8343	8344	NS	1	0.0	151.489	10.492	0.0	31.689	15.075	0.0	138.109	11.101	0.0	69.395	13.938	0.0	1.398	0.0	0.0	1.781	0.0	0.0	1.828	0.0	0.0	2.13	0.0
179	8344	8345	NS	1	0.0	96.311	6.046	0.0	24.145	7.561	0.0	130.786	2.443	0.0	65.496	3.858	0.0	1.417	0.0	0.0	1.78	0.0	0.0	1.839	0.0	0.0	2.136	0.0

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

180	8344	8345	NS	1	0.0	45.281	10.47	0.0	32.803	15.086	0.0	142.295	11.158	0.0	66.406	14.011	0.0	1.398	0.0	0.0	1.782	0.0	0.0	1.832	0.0	0.0	2.137	0.0
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Parameter Specifications	Parameters	Azi.Angle	Inci.Angle	Normal	Deviations
	Range	10.0	3.0	Alarming	High Errors