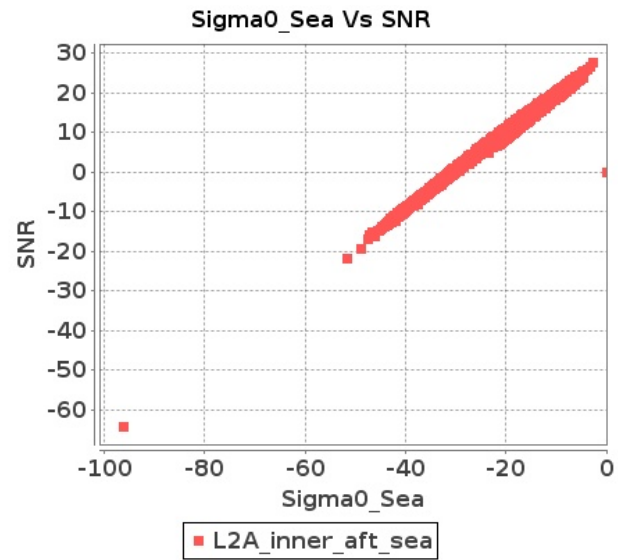


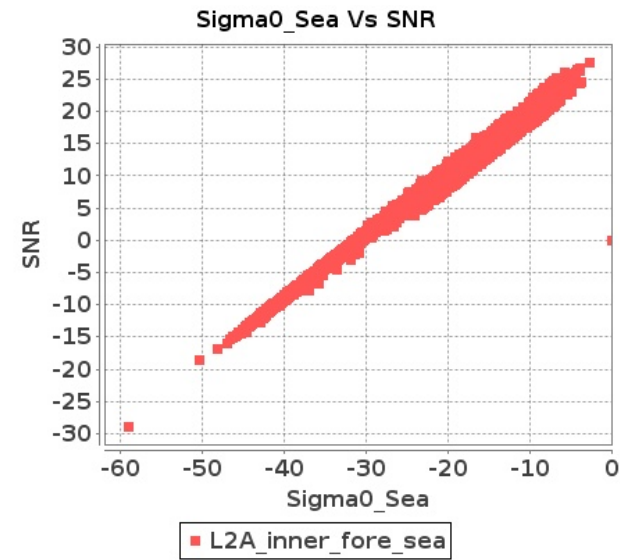
# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 09-APR-2019 To 10-APR-2019

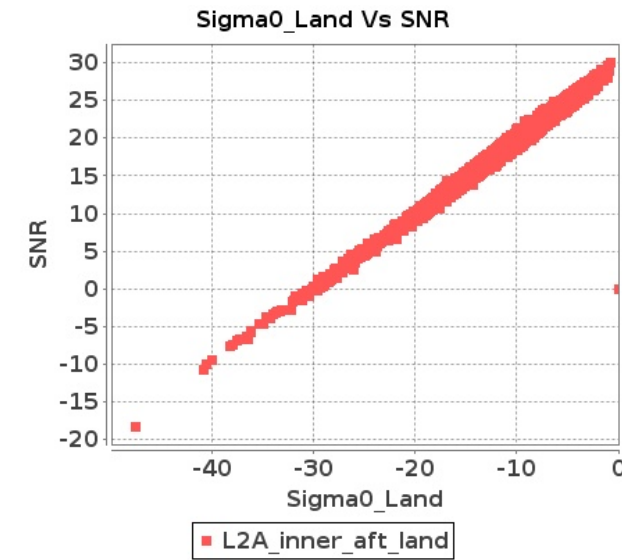
### Inner Sea Aft Sigma0VsSNR



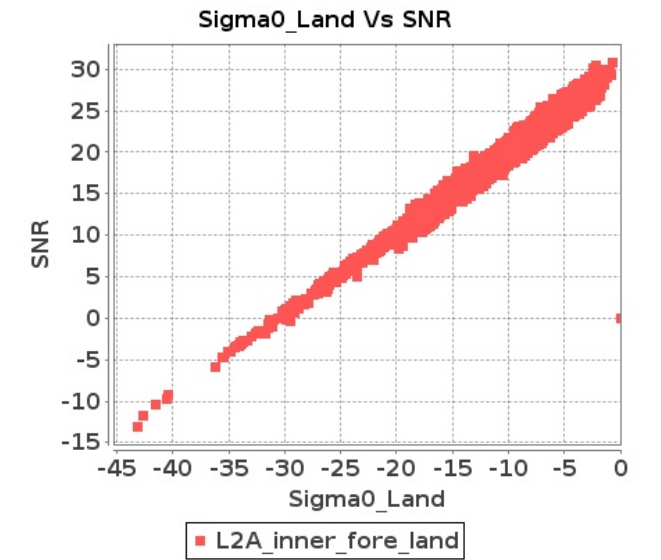
### Inner Sea Fore Sigma0VsSNR



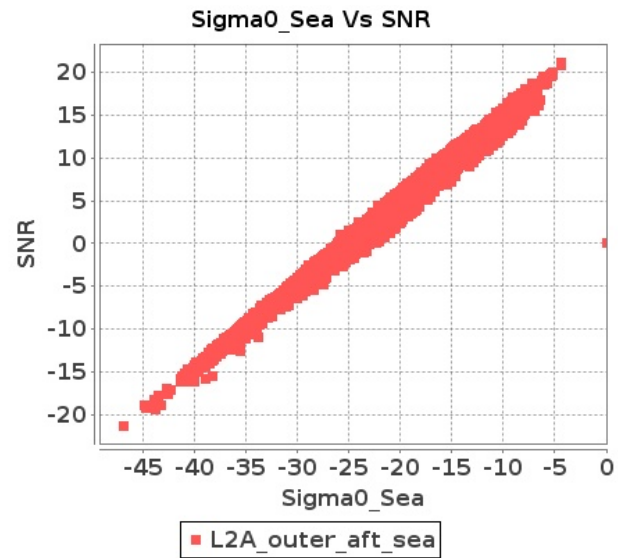
### Inner Land Aft Sigma0VsSNR



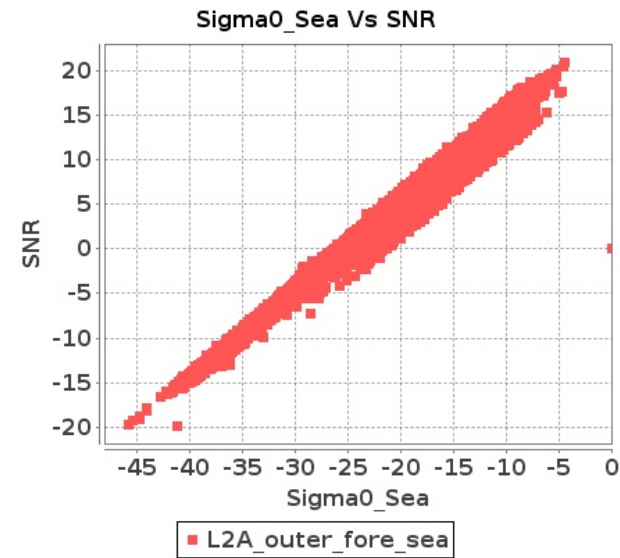
### Inner Land Fore Sigma0VsSNR



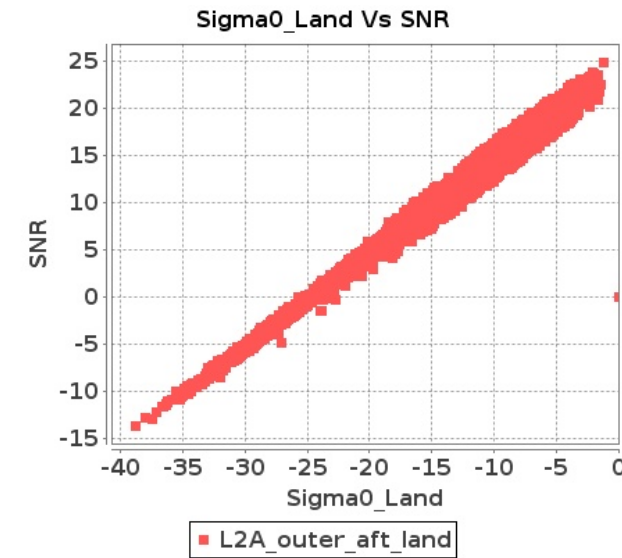
### Outer Sea Aft Sigma0VsSNR



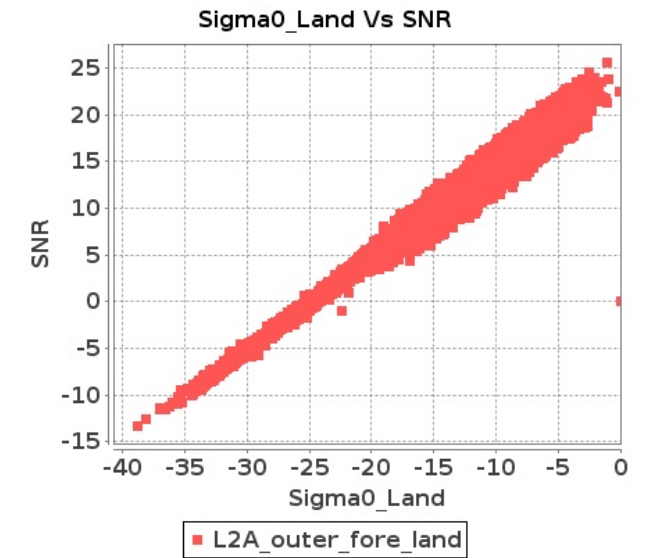
### Outer Sea Fore Sigma0VsSNR



### Outer Land Aft Sigma0VsSNR



### Outer Land Fore Sigma0VsSNR



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

Report between 09-APR-2019 To 10-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	13411	13412	SN	1	0.0	40.452	2.183	0.0	42.895	2.772	0.0	39.608	2.759	0.0	40.668	4.414	0.0	40.597	2.041	0.0	44.275	2.498	0.0	38.863	2.532	0.0	43.201	3.66
2	13412	13413	SN	1	0.0	47.66	5.495	0.0	47.812	6.249	0.0	39.597	3.609	0.0	48.514	4.757	0.0	46.715	5.465	0.0	46.445	6.086	0.0	38.46	3.574	0.0	45.948	4.586
3	13412	13413	SN	1	0.0	46.551	1.212	0.0	43.672	1.724	0.0	35.527	1.16	0.0	38.486	1.551	0.0	47.226	1.239	0.0	42.822	1.638	0.0	35.245	1.157	0.0	36.583	1.522
4	13413	13414	NS	1	0.0	45.884	1.015	0.0	47.201	1.223	0.0	42.262	0.848	0.0	43.005	1.161	0.0	44.967	1.033	0.0	47.034	1.169	0.0	42.227	0.829	0.0	38.55	1.021
5	13413	13414	NS	1	0.0	49.481	3.697	0.0	53.435	4.091	0.0	39.161	3.172	0.0	44.263	3.834	0.0	49.394	3.778	0.0	53.493	4.02	0.0	38.989	3.065	0.0	44.419	3.442
6	13413	13414	SN	1	0.0	40.807	0.596	0.0	43.344	1.015	0.0	36.669	0.967	0.0	38.845	1.499	0.0	41.908	0.594	0.0	41.097	0.814	0.0	37.907	0.844	0.0	37.719	1.137
7	13413	13414	SN	1	0.0	38.403	2.556	0.0	48.403	3.379	0.0	39.462	2.993	0.0	40.095	4.187	0.0	38.855	2.444	0.0	50.121	2.953	0.0	41.267	2.83	0.0	40.6	3.263
8	13414	13415	SN	1	0.0	48.234	1.486	0.0	44.964	1.839	0.0	37.758	1.394	0.0	43.615	2.048	0.0	47.759	1.418	0.0	47.322	1.669	0.0	37.649	1.339	0.0	44.832	1.752
9	13414	13415	NS	1	0.0	53.556	4.186	0.0	48.158	4.997	0.0	43.256	4.266	0.0	47.682	5.144	0.0	53.311	4.226	0.0	45.927	4.652	0.0	43.152	4.145	0.0	48.11	4.425
10	13414	13415	NS	1	0.0	43.806	1.19	0.0	50.123	1.439	0.0	38.557	1.121	0.0	39.964	1.643	0.0	43.935	1.204	0.0	49.851	1.278	0.0	38.641	1.098	0.0	38.151	1.337
11	13414	13415	SN	1	0.0	49.631	6.225	0.0	46.651	7.172	0.0	40.977	4.798	0.0	43.57	5.897	0.0	49.914	6.144	0.0	45.328	6.652	0.0	40.618	4.748	0.0	43.044	5.447
12	13415	13416	SN	1	0.0	49.708	3.83	0.0	48.57	4.874	0.0	45.985	2.993	0.0	51.574	4.426	0.0	49.237	3.84	0.0	47.66	4.563	0.0	48.242	2.779	0.0	50.527	3.519
13	13415	13416	NS	1	0.0	43.381	1.375	0.0	52.511	2.181	0.0	41.8	1.553	0.0	50.941	2.129	0.0	41.774	1.405	0.0	53.625	2.001	0.0	41.207	1.49	0.0	48.412	1.888
14	13415	13416	SN	1	0.0	49.541	1.001	0.0	45.114	1.352	0.0	44.977	0.82	0.0	43.282	1.345	0.0	51.359	1.012	0.0	44.977	1.211	0.0	43.116	0.756	0.0	43.319	0.991
15	13415	13416	NS	1	0.0	45.23	4.94	0.0	57.34	7.355	0.0	48.155	4.778	0.0	41.989	6.61	0.0	47.37	5.011	0.0	58.898	6.998	0.0	49.561	4.579	0.0	41.254	6.074
16	13416	13417	SN	1	0.0	54.422	8.97	0.0	54.682	10.86	0.0	48.09	6.908	0.0	52.665	8.439	0.0	54.873	9.155	0.0	54.038	10.96	0.0	47.459	7.106	0.0	50.815	8.324
17	13416	13417	SN	1	0.0	49.875	2.533	0.0	51.493	3.312	0.0	42.433	1.74	0.0	43.789	2.259	0.0	49.0	2.574	0.0	54.009	3.237	0.0	41.181	1.764	0.0	41.759	2.27
18	13416	13417	NS	1	0.0	44.951	0.857	0.0	39.309	1.127	0.0	39.41	1.024	0.0	39.701	1.534	0.0	45.089	0.852	0.0	39.651	1.068	0.0	36.745	1.024	0.0	37.288	1.417
19	13416	13417	NS	1	0.0	42.926	3.974	0.0	51.133	4.207	0.0	48.649	3.656	0.0	43.584	4.462	0.0	43.375	4.004	0.0	48.092	4.268	0.0	47.291	3.684	0.0	44.482	4.298
20	13416	13417	SN	1	0.0	49.875	2.715	0.0	51.493	3.543	0.0	42.433	1.862	0.0	43.789	2.393	0.0	49.0	2.761	0.0	54.009	3.467	0.0	41.181	1.889	0.0	41.759	2.416
21	13416	13417	SN	1	0.0	54.422	8.376	0.0	54.682	10.202	0.0	48.09	6.476	0.0	52.665	7.944	0.0	54.873	8.548	0.0	54.038	10.273	0.0	47.459	6.653	0.0	50.815	7.801
22	13417	13418	NS	1	0.0	47.853	3.338	0.0	50.729	4.184	0.0	51.254	3.054	0.0	50.152	4.577	0.0	49.485	3.359	0.0	51.405	3.859	0.0	49.574	2.968	0.0	46.686	3.943
23	13417	13418	SN	1	0.0	46.603	1.772	0.0	48.31	2.065	0.0	43.69	1.709	0.0	38.806	1.919	0.0	48.621	1.775	0.0	46.503	1.966	0.0	41.786	1.699	0.0	40.321	1.815
24	13417	13418	SN	1	0.0	51.492	6.204	0.0	52.592	6.949	0.0	48.273	5.5	0.0	47.708	6.076	0.0	52.056	6.265	0.0	51.642	6.665	0.0	47.804	5.45	0.0	47.129	5.977
25	13417	13418	NS	1	0.0	43.195	0.874	0.0	44.554	1.247	0.0	37.368	0.936	0.0	40.273	1.483	0.0	42.764	0.863	0.0	41.089	1.104	0.0	36.866	0.883	0.0	37.462	1.204
26	13418	13419	SN	1	0.0	43.599	1.797	0.0	40.968	2.265	0.0	39.342	1.648	0.0	43.089	2.276	0.0	44.618	1.794	0.0	41.282	2.229	0.0	37.261	1.737	0.0	42.078	2.246
27	13418	13419	SN	1	0.0	47.757	7.109	0.0	47.419	7.554	0.0	40.276	5.574	0.0	46.159	6.839	0.0	47.93	7.21	0.0	45.888	7.615	0.0	40.435	5.702	0.0	47.254	7.223
28	13418	13419	NS	1	0.0	53.5	4.69	0.0	49.485	5.22	0.0	42.318	4.115	0.0	41.189	4.796	0.0	54.666	4.66	0.0	50.792	4.916	0.0	41.605	3.93	0.0	42.987	4.248
29	13418	13419	NS	1	0.0	46.246	1.209	0.0	47.052	1.527	0.0	42.259	1.254	0.0	41.067	1.536	0.0	46.128	1.204	0.0	44.246	1.401	0.0	40.458	1.155	0.0	41.741	1.368
30	13419	13420	SN	1	0.0	53.508	5.518	0.0	54.094	7.179	0.0	45.22	5.165	0.0	45.731	7.251	0.0	54.572	5.691	0.0	53.184	7.035	0.0	45.935	5.315	0.0	47.022	6.927
31	13419	13420	NS	1	0.0	43.732	0.701	0.0	38.585	1.128	0.0	43.293	0.974	0.0	42.949	1.431	0.0	43.212	0.685	0.0	38.342	0.982	0.0	42.316	0.876	0.0	41.901	1.081

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

32	13419	13420	SN	1	0.0	49.396	1.526	0.0	49.119	2.282	0.0	41.942	1.586	0.0	40.921	2.308	0.0	50.849	1.553	0.0	46.683	2.22	0.0	40.411	1.575	0.0	44.885	2.132		
33	13419	13420	NS	1	0.0	49.424	2.558	0.0	47.829	3.777	0.0	43.576	3.088	0.0	44.807	3.739	0.0	50.954	2.568	0.0	48.424	3.41	0.0	41.746	2.875	0.0	44.477	3.138		
34	13420	13421	SN	1	0.0	48.119	3.868	0.0	53.045	4.891	0.0	47.779	3.526	0.0	47.119	4.617	0.0	47.449	3.949	0.0	49.54	4.477	0.0	46.118	3.427	0.0	46.003	4.225		
35	13420	13421	NS	1	0.0	50.486	3.831	0.0	55.429	4.715	0.0	40.261	3.797	0.0	45.115	4.648	0.0	49.867	3.821	0.0	55.965	4.591	0.0	37.151	3.946	0.0	44.751	4.67		
36	13420	13421	NS	1	0.0	37.269	1.151	0.0	42.798	1.492	0.0	37.891	1.252	0.0	41.07	1.67	0.0	37.334	1.167	0.0	41.911	1.455	0.0	36.494	1.21	0.0	40.9	1.626		
37	13420	13421	SN	1	0.0	46.466	0.793	0.0	49.018	1.359	0.0	42.804	0.933	0.0	41.88	1.418	0.0	47.263	0.813	0.0	51.216	1.198	0.0	41.942	0.867	0.0	42.464	1.25		
38	13421	13422	SN	1	0.0	47.252	0.843	0.0	41.376	1.135	0.0	39.427	1.111	0.0	38.749	1.314	0.0	47.024	0.849	0.0	41.913	1.042	0.0	38.445	1.018	0.0	35.543	1.143		
39	13421	13422	SN	1	0.0	47.063	3.06	0.0	51.99	3.601	0.0	42.558	3.52	0.0	41.772	4.16	0.0	46.409	3.06	0.0	53.74	3.469	0.0	42.513	3.442	0.0	44.076	3.698		
40	13421	13422	NS	1	0.0	44.732	2.338	0.0	47.601	4.082	0.0	42.694	3.353	0.0	44.569	4.719	0.0	44.84	2.368	0.0	47.807	3.665	0.0	41.723	3.218	0.0	46.747	3.99		
41	13421	13422	NS	1	0.0	44.484	0.938	0.0	45.409	1.288	0.0	41.808	1.094	0.0	42.276	1.571	0.0	45.063	0.927	0.0	43.066	1.174	0.0	43.495	0.944	0.0	38.516	1.268		
42	13422	13423	NS	1	0.0	40.999	1.004	0.0	50.646	1.455	0.0	37.111	0.972	0.0	39.572	1.58	0.0	42.652	0.977	0.0	48.915	1.295	0.0	36.957	0.896	0.0	36.644	1.2		
43	13422	13423	SN	1	0.0	42.971	1.28	0.0	39.838	1.744	0.0	41.378	1.443	0.0	36.135	1.913	0.0	44.933	1.289	0.0	39.196	1.701	0.0	39.204	1.429	0.0	36.481	1.928		
44	13422	13423	SN	1	0.0	42.411	4.432	0.0	49.236	5.205	0.0	36.327	4.143	0.0	41.098	5.593	0.0	42.186	4.563	0.0	50.127	5.071	0.0	35.787	4.193	0.0	37.612	5.564		
45	13422	13423	NS	1	0.0	50.851	3.758	0.0	53.045	5.56	0.0	40.754	3.534	0.0	44.029	5.191	0.0	51.574	3.799	0.0	53.137	5.148	0.0	40.479	3.293	0.0	41.731	4.461		
46	13423	13424	NS	1	0.0	52.004	1.121	0.0	49.43	1.951	0.0	37.298	1.317	0.0	50.199	2.082	0.0	54.297	1.13	0.0	49.236	1.732	0.0	40.631	1.282	0.0	50.802	1.774		
47	13423	13424	SN	1	0.0	44.161	1.89	0.0	42.552	2.835	0.0	41.914	1.927	0.0	42.906	3.016	0.0	44.235	1.9	0.0	41.38	2.545	0.0	41.439	1.687	0.0	39.67	2.442		
48	13423	13424	SN	1	0.0	44.436	1.869	0.0	42.552	2.804	0.0	41.914	1.97	0.0	42.906	2.958	0.0	44.523	1.89	0.0	41.38	2.514	0.0	41.439	1.731	0.0	38.79	2.435		
49	13423	13424	NS	1	0.0	49.566	3.052	0.0	56.11	5.3	0.0	44.827	3.985	0.0	51.919	6.007	0.0	51.174	3.133	0.0	53.928	4.826	0.0	45.019	3.871	0.0	51.176	5.422		
50	13423	13424	NS	1	0.0	52.004	1.292	0.0	49.43	2.19	0.0	37.298	1.541	0.0	50.199	2.374	0.0	54.297	1.289	0.0	49.236	1.956	0.0	40.631	1.506	0.0	50.802	2.023		
51	13423	13424	SN	1	0.0	40.21	0.482	0.0	44.537	0.665	0.0	40.513	0.649	0.0	37.445	0.931	0.0	41.675	0.454	0.0	48.621	0.572	0.0	38.673	0.551	0.0	38.67	0.704		
52	13423	13424	SN	1	0.0	40.21	0.482	0.0	44.537	0.665	0.0	40.513	0.647	0.0	37.47	0.933	0.0	41.675	0.454	0.0	48.621	0.572	0.0	38.673	0.549	0.0	38.67	0.704		
53	13423	13424	SN	1	0.0	38.089	0.48	0.0	44.535	0.67	0.0	43.666	0.644	0.0	38.26	0.94	0.0	37.835	0.468	0.0	48.621	0.577	0.0	46.695	0.547	0.0	35.645	0.707		
54	13423	13424	SN	1	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0
55	13423	13424	NS	1	0.0	49.566	3.359	0.0	56.11	5.938	0.0	44.827	4.553	0.0	51.919	6.652	0.0	51.174	3.43	0.0	53.928	5.415	0.0	45.019	4.37	0.0	51.176	6.024		
56	13423	13424	SN	1	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0
57	13423	13424	SN	1	0.0	44.284	1.89	0.0	42.552	2.835	0.0	41.914	1.941	0.0	42.906	3.016	0.0	44.235	1.9	0.0	41.38	2.545	0.0	41.439	1.68	0.0	38.79	2.442		
58	13424	13425	SN	1	0.0	50.299	4.408	0.0	58.351	5.636	0.0	47.125	3.239	0.0	48.822	4.903	0.0	51.859	4.572	0.0	56.803	5.339	0.0	49.383	3.111	0.0	48.394	4.323		
59	13424	13425	SN	1	0.0	45.8	1.13	0.0	45.93	1.624	0.0	42.843	0.978	0.0	44.632	1.39	0.0	45.598	1.151	0.0	45.105	1.53	0.0	44.362	0.916	0.0	43.919	1.11		
60	13424	13425	SN	1	0.0	45.83	1.148	0.0	48.593	1.619	0.0	43.717	0.994	0.0	45.646	1.382	0.0	45.673	1.151	0.0	50.024	1.532	0.0	45.223	0.919	0.0	42.528	1.145		
61	13424	13425	SN	1	0.0	50.299	4.408	0.0	58.351	5.636	0.0	47.125	3.239	0.0	48.822	4.919	0.0	51.859	4.572	0.0	56.803	5.339	0.0	49.383	3.111	0.0	48.394	4.336		
62	13424	13425	SN	1	0.0	45.8	1.13	0.0	45.93	1.624	0.0	42.843	0.978	0.0	44.632	1.383	0.0	45.598	1.151	0.0	45.105	1.53	0.0	44.362	0.916	0.0	43.919	1.104		
63	13424	13425	NS	1	0.0	52.493	3.019	0.0	54.069	3.692	0.0	39.812	2.432	0.0	46.438	3.224	0.0	53.252	3.094	0.0	54.175	3.576	0.0	43.325	2.375	0.0	47.233	2.935		
64	13424	13425	SN	1	0.0	48.095	4.378	0.0	52.074	5.625	0.0	45.168	3.267	0.0	50.458	4.854	0.0	49.592	4.552	0.0	50.525	5.318	0.0	47.427	3.139	0.0	47.624	4.302		
65	13424	13425	NS	1	0.0	51.783	10.24	0.0	54.298	12.062	0.0	47.932	8.607	0.0	50.8	10.351	0.0	53.646	10.443	0.0	55.395	11.889	0.0	50.939	8.607	0.0	49.377	9.555		
66	13425	13426	NS	1	0.0	52.996	3.759	0.0	50.763	4.716	0.0	50.424	3.808	0.0	45.027	5.237	0.0	54.451	3.789	0.0	51.859	4.514	0.0	50.355	3.716	0.0	45.61	4.556		
67	13425	13426	SN	1	0.0	55.635	4.62	0.0	50.783	4.655	0.0	44.617	3.998	0.0	46.255	5.728	0.0	56.056	4.661	0.0	50.65	4.644	0.0	47.794	4.256	0.0	47.357	5.389		

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

68	13425	13426	SN	1	0.0	54.83	1.567	0.0	48.795	1.927	0.0	42.181	1.361	0.0	43.571	2.035	0.0	55.145	1.602	0.0	49.168	1.881	0.0	41.453	1.411	0.0	39.295	1.862
69	13425	13426	NS	1	0.0	49.702	1.286	0.0	51.136	1.618	0.0	41.897	1.245	0.0	40.129	1.736	0.0	50.986	1.318	0.0	51.14	1.464	0.0	44.217	1.181	0.0	42.013	1.515
70	13425	13426	SN	1	0.0	38.841	1.046	0.0	48.149	1.607	0.0	40.649	1.09	0.0	45.14	1.982	0.0	39.389	1.086	0.0	46.681	1.571	0.0	42.892	1.056	0.0	42.869	1.781
71	13425	13426	NS	1	0.0	51.521	1.279	0.0	54.42	1.634	0.0	41.368	1.243	0.0	39.931	1.73	0.0	51.367	1.318	0.0	54.426	1.469	0.0	43.692	1.184	0.0	41.808	1.495
72	13425	13426	NS	1	0.0	51.879	3.769	0.0	50.644	4.695	0.0	50.421	3.815	0.0	43.989	5.309	0.0	53.334	3.81	0.0	51.74	4.471	0.0	50.352	3.723	0.0	45.61	4.58
73	13425	13426	SN	1	0.0	48.113	3.287	0.0	52.058	4.093	0.0	45.414	3.295	0.0	44.45	5.559	0.0	49.043	3.339	0.0	53.145	4.116	0.0	48.593	3.217	0.0	44.833	5.289
74	13426	13427	SN	1	0.0	43.314	3.438	0.0	49.171	4.035	0.0	39.837	3.043	0.0	43.468	4.449	0.0	44.472	3.398	0.0	47.847	3.607	0.0	40.914	2.822	0.0	40.143	3.613
75	13426	13427	SN	1	0.0	43.314	3.438	0.0	50.709	4.035	0.0	39.837	3.043	0.0	43.468	4.449	0.0	44.472	3.398	0.0	49.386	3.607	0.0	40.914	2.822	0.0	40.143	3.613
76	13426	13427	SN	1	0.0	48.194	0.871	0.0	42.027	1.002	0.0	36.616	1.032	0.0	39.031	1.439	0.0	48.394	0.857	0.0	41.626	0.861	0.0	36.649	0.938	0.0	38.785	1.146
77	13426	13427	NS	1	0.0	50.222	1.882	0.0	45.445	2.291	0.0	37.481	1.691	0.0	41.144	2.293	0.0	49.859	1.934	0.0	43.369	2.345	0.0	40.586	1.801	0.0	44.128	2.414
78	13426	13427	NS	1	0.0	54.267	6.26	0.0	51.492	7.79	0.0	42.038	5.609	0.0	45.757	6.664	0.0	55.756	6.503	0.0	52.43	8.257	0.0	43.168	6.049	0.0	43.472	7.432
79	13426	13427	SN	1	0.0	48.194	0.856	0.0	42.027	0.99	0.0	35.859	1.006	0.0	38.26	1.419	0.0	48.394	0.849	0.0	41.626	0.851	0.0	36.649	0.921	0.0	37.805	1.132
80	13426	13427	SN	1	0.0	45.678	3.487	0.0	49.045	4.108	0.0	39.558	3.095	0.0	42.27	4.53	0.0	46.839	3.456	0.0	45.72	3.673	0.0	40.3	2.871	0.0	40.012	3.687
81	13426	13427	SN	1	0.0	48.194	0.856	0.0	42.027	0.99	0.0	35.859	1.006	0.0	38.26	1.419	0.0	48.394	0.849	0.0	41.626	0.851	0.0	36.649	0.921	0.0	37.805	1.132
82	13427	13428	SN	1	0.0	42.722	1.006	0.0	41.252	1.493	0.0	37.92	1.085	0.0	37.536	1.721	0.0	42.595	0.997	0.0	40.012	1.406	0.0	36.289	1.034	0.0	36.68	1.578
83	13427	13428	NS	1	0.0	48.269	1.095	0.0	40.504	1.22	0.0	40.145	0.946	0.0	41.588	1.234	0.0	46.665	1.095	0.0	40.702	1.091	0.0	38.217	0.829	0.0	39.528	0.98
84	13427	13428	SN	1	0.0	42.744	3.589	0.0	53.039	4.78	0.0	38.929	3.335	0.0	41.087	4.93	0.0	43.707	3.516	0.0	52.776	4.571	0.0	36.445	3.335	0.0	41.345	4.871
85	13427	13428	NS	1	0.0	56.034	4.646	0.0	54.529	5.041	0.0	45.548	3.565	0.0	50.417	4.732	0.0	55.646	4.656	0.0	53.959	4.665	0.0	46.327	3.324	0.0	44.84	3.871
86	13427	13428	NS	1	0.0	56.332	4.646	0.0	54.213	5.041	0.0	45.802	3.551	0.0	48.726	4.782	0.0	55.944	4.616	0.0	53.645	4.655	0.0	45.228	3.238	0.0	44.058	3.885
87	13427	13428	SN	1	0.0	42.722	0.981	0.0	41.252	1.456	0.0	37.92	1.071	0.0	37.536	1.686	0.0	42.595	0.967	0.0	40.012	1.372	0.0	36.289	1.018	0.0	36.68	1.543
88	13427	13428	SN	1	0.0	42.722	0.981	0.0	41.252	1.456	0.0	37.92	1.071	0.0	37.536	1.686	0.0	42.595	0.967	0.0	40.012	1.372	0.0	36.289	1.018	0.0	36.68	1.543
89	13427	13428	NS	1	0.0	50.313	1.095	0.0	40.504	1.211	0.0	39.278	0.948	0.0	42.15	1.238	0.0	48.949	1.088	0.0	41.295	1.093	0.0	37.353	0.85	0.0	40.089	0.998
90	13427	13428	SN	1	0.0	41.719	3.499	0.0	53.186	4.658	0.0	38.929	3.273	0.0	41.087	4.81	0.0	42.684	3.428	0.0	52.923	4.454	0.0	35.989	3.266	0.0	41.345	4.746
91	13427	13428	SN	1	0.0	41.719	3.499	0.0	53.186	4.658	0.0	38.929	3.273	0.0	41.087	4.81	0.0	42.684	3.428	0.0	52.923	4.454	0.0	35.989	3.266	0.0	41.345	4.746
92	13428	13429	SN	1	0.0	39.578	0.838	0.0	40.773	1.21	0.0	42.628	1.065	0.0	37.959	1.715	0.0	39.513	0.827	0.0	40.984	1.084	0.0	45.142	1.003	0.0	38.981	1.398
93	13428	13429	SN	1	0.0	39.578	0.838	0.0	40.773	1.21	0.0	42.628	1.065	0.0	37.959	1.715	0.0	39.513	0.827	0.0	40.984	1.084	0.0	45.142	1.003	0.0	38.981	1.398
94	13428	13429	NS	1	0.0	49.456	3.565	0.0	47.75	4.9	0.0	48.929	2.861	0.0	49.077	4.475	0.0	50.046	3.504	0.0	49.055	4.717	0.0	46.938	2.79	0.0	49.498	3.799
95	13428	13429	SN	1	0.0	41.138	3.149	0.0	48.152	4.44	0.0	37.957	3.203	0.0	40.626	4.658	0.0	41.191	3.17	0.0	50.385	3.852	0.0	38.814	2.937	0.0	38.683	3.863
96	13428	13429	SN	1	0.0	39.578	0.875	0.0	40.773	1.251	0.0	35.176	1.096	0.0	40.539	1.756	0.0	39.513	0.858	0.0	40.984	1.117	0.0	35.826	1.043	0.0	38.981	1.445
97	13428	13429	NS	1	0.0	39.724	0.841	0.0	50.827	1.183	0.0	43.856	0.795	0.0	44.36	1.288	0.0	41.636	0.832	0.0	51.054	1.094	0.0	43.226	0.749	0.0	43.942	1.099
98	13428	13429	NS	1	0.0	39.724	0.82	0.0	50.373	1.181	0.0	44.001	0.797	0.0	45.511	1.272	0.0	41.636	0.827	0.0	50.6	1.099	0.0	42.922	0.759	0.0	44.709	1.089
99	13428	13429	NS	1	0.0	49.464	3.555	0.0	47.303	4.911	0.0	48.929	2.818	0.0	48.489	4.44	0.0	50.054	3.524	0.0	49.046	4.677	0.0	46.938	2.783	0.0	49.491	3.828
100	13428	13429	SN	1	0.0	41.503	3.025	0.0	48.152	4.279	0.0	42.66	3.151	0.0	39.786	4.505	0.0	41.191	3.045	0.0	50.385	3.724	0.0	40.015	2.887	0.0	37.845	3.727
101	13428	13429	SN	1	0.0	41.503	3.025	0.0	48.152	4.279	0.0	42.66	3.151	0.0	39.786	4.505	0.0	41.191	3.045	0.0	50.385	3.724	0.0	40.015	2.887	0.0	37.845	3.727
102	13429	13430	SN	1	0.0	53.789	7.105	0.0	48.54	7.743	0.0	50.008	5.851	0.0	48.63	6.949	0.0	54.635	7.105	0.0	49.658	7.291	0.0	47.572	5.723	0.0	48.576	6.59
103	13429	13430	SN	1	0.0	50.282	7.25	0.0	48.0	7.885	0.0	48.293	5.896	0.0	47.44	6.996	0.0	50.118	7.26	0.0	49.124	7.414	0.0	47.686	5.758	0.0	48.097	6.645

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		



104	13429	13430	SN	1	0.0	50.282	7.125	0.0	48.048	7.733	0.0	48.293	5.822	0.0	47.44	6.862	0.0	50.118	7.136	0.0	49.148	7.27	0.0	45.854	5.68	0.0	47.414	6.539
105	13429	13430	NS	1	0.0	50.27	3.727	0.0	50.811	4.615	0.0	43.958	4.51	0.0	48.127	5.398	0.0	50.787	3.758	0.0	50.703	4.453	0.0	44.88	4.318	0.0	47.213	4.729
106	13429	13430	NS	1	0.0	50.192	3.768	0.0	50.938	4.605	0.0	47.125	4.51	0.0	48.186	5.391	0.0	50.71	3.768	0.0	50.831	4.473	0.0	46.495	4.318	0.0	47.288	4.694
107	13429	13430	SN	1	0.0	52.126	1.958	0.0	47.826	2.372	0.0	41.979	1.698	0.0	40.652	2.291	0.0	52.41	1.932	0.0	49.004	2.199	0.0	42.49	1.642	0.0	39.783	2.055
108	13429	13430	SN	1	0.0	52.126	1.926	0.0	47.826	2.334	0.0	41.979	1.654	0.0	40.652	2.251	0.0	52.41	1.897	0.0	49.004	2.162	0.0	42.49	1.619	0.0	39.783	2.019
109	13429	13430	SN	1	0.0	48.983	1.972	0.0	47.102	2.348	0.0	43.836	1.645	0.0	45.336	2.256	0.0	48.669	1.922	0.0	48.279	2.176	0.0	44.346	1.61	0.0	46.424	2.029
110	13429	13430	NS	1	0.0	46.475	1.159	0.0	48.72	1.635	0.0	44.41	1.342	0.0	46.883	1.757	0.0	46.089	1.177	0.0	51.603	1.598	0.0	47.318	1.284	0.0	43.932	1.511
111	13429	13430	NS	1	0.0	46.507	1.177	0.0	47.884	1.641	0.0	44.475	1.348	0.0	47.533	1.764	0.0	46.121	1.195	0.0	51.464	1.594	0.0	47.383	1.278	0.0	44.545	1.527
112	13430	13431	NS	1	0.0	48.735	6.139	0.0	49.583	7.715	0.0	52.171	4.719	0.0	49.026	6.6	0.0	49.32	6.149	0.0	48.699	7.258	0.0	50.038	4.712	0.0	47.394	5.839
113	13430	13431	SN	1	0.0	43.929	1.565	0.0	46.402	1.834	0.0	41.979	1.299	0.0	37.425	1.745	0.0	45.933	1.529	0.0	43.557	1.701	0.0	43.969	1.228	0.0	36.84	1.483
114	13430	13431	NS	1	0.0	50.132	1.421	0.0	49.187	2.08	0.0	37.27	1.376	0.0	45.219	2.227	0.0	48.833	1.441	0.0	50.556	1.886	0.0	37.156	1.309	0.0	41.869	1.895
115	13430	13431	SN	1	0.0	54.465	5.505	0.0	56.795	6.335	0.0	48.993	4.301	0.0	49.765	5.36	0.0	54.803	5.505	0.0	54.58	6.06	0.0	50.902	4.06	0.0	44.416	4.911
116	13430	13431	NS	1	0.0	49.642	1.423	0.0	47.815	2.046	0.0	43.608	1.381	0.0	45.562	2.22	0.0	48.343	1.434	0.0	49.184	1.87	0.0	43.882	1.305	0.0	42.21	1.909
117	13430	13431	SN	1	0.0	54.465	5.72	0.0	52.213	6.404	0.0	48.993	4.519	0.0	49.765	5.462	0.0	54.803	5.731	0.0	50.613	6.137	0.0	50.902	4.31	0.0	44.416	5.014
118	13430	13431	SN	1	0.0	43.929	1.494	0.0	46.402	1.785	0.0	41.979	1.238	0.0	37.425	1.706	0.0	45.933	1.458	0.0	43.557	1.653	0.0	43.969	1.169	0.0	36.662	1.437
119	13430	13431	SN	1	0.0	46.36	1.479	0.0	46.713	1.782	0.0	42.945	1.24	0.0	41.028	1.695	0.0	47.483	1.479	0.0	43.866	1.655	0.0	42.871	1.18	0.0	38.44	1.448
120	13430	13431	NS	1	0.0	48.734	6.098	0.0	49.583	7.716	0.0	39.503	4.669	0.0	47.329	6.578	0.0	49.321	6.098	0.0	48.699	7.269	0.0	39.457	4.676	0.0	45.697	5.91
121	13430	13431	SN	1	0.0	54.799	5.464	0.0	53.918	6.284	0.0	47.182	4.287	0.0	48.727	5.317	0.0	55.138	5.495	0.0	53.341	6.019	0.0	49.092	4.053	0.0	43.673	4.925
122	13431	13432	NS	1	0.0	49.198	2.059	0.0	51.195	2.336	0.0	39.729	2.35	0.0	44.852	2.781	0.0	50.556	2.13	0.0	50.477	2.174	0.0	40.762	2.066	0.0	43.997	2.219
123	13431	13432	SN	1	0.0	52.4	6.288	0.0	54.951	7.286	0.0	47.999	5.076	0.0	45.771	6.305	0.0	52.237	6.268	0.0	55.908	7.102	0.0	47.25	4.955	0.0	43.165	6.305
124	13431	13432	SN	1	0.0	48.313	1.858	0.0	47.222	2.496	0.0	41.853	1.478	0.0	40.312	2.073	0.0	47.802	1.883	0.0	48.846	2.416	0.0	40.651	1.527	0.0	41.824	1.904
125	13431	13432	SN	1	0.0	48.313	1.703	0.0	47.222	2.316	0.0	41.853	1.367	0.0	40.312	1.929	0.0	47.802	1.723	0.0	48.846	2.239	0.0	40.651	1.407	0.0	41.824	1.767
126	13431	13432	SN	1	0.0	52.4	6.702	0.0	54.951	7.741	0.0	47.999	5.42	0.0	45.771	6.783	0.0	52.237	6.679	0.0	55.908	7.572	0.0	47.25	5.311	0.0	43.165	6.799
127	13431	13432	NS	1	0.0	42.224	0.565	0.0	47.617	0.659	0.0	37.323	0.599	0.0	42.525	0.902	0.0	42.066	0.559	0.0	47.26	0.58	0.0	39.698	0.523	0.0	43.102	0.691
128	13431	13432	NS	1	0.0	40.626	0.57	0.0	46.206	0.655	0.0	37.001	0.601	0.0	44.329	0.924	0.0	39.547	0.561	0.0	45.851	0.573	0.0	39.19	0.525	0.0	44.906	0.705
129	13431	13432	NS	1	0.0	49.752	2.069	0.0	51.189	2.296	0.0	39.633	2.35	0.0	43.468	2.795	0.0	51.316	2.13	0.0	50.469	2.164	0.0	40.736	2.08	0.0	42.613	2.226
130	13432	13433	NS	1	0.0	48.164	5.092	0.0	50.607	5.867	0.0	48.321	4.387	0.0	44.362	5.256	0.0	48.491	5.234	0.0	49.954	5.654	0.0	48.648	4.018	0.0	44.283	4.566
131	13432	13433	NS	1	0.0	45.65	1.494	0.0	49.065	1.716	0.0	42.577	1.172	0.0	44.677	1.579	0.0	46.336	1.474	0.0	47.564	1.621	0.0	43.369	1.091	0.0	41.73	1.275
132	13432	13433	SN	1	0.0	43.16	4.673	0.0	47.578	5.553	0.0	39.056	4.113	0.0	42.038	5.185	0.0	42.461	4.642	0.0	46.299	5.217	0.0	38.534	4.205	0.0	40.533	4.878
133	13432	13433	SN	1	0.0	44.404	1.276	0.0	43.245	1.58	0.0	41.396	1.221	0.0	37.838	1.688	0.0	45.548	1.273	0.0	41.23	1.505	0.0	40.38	1.218	0.0	37.533	1.547
134	13432	13433	SN	1	0.0	44.404	1.276	0.0	43.245	1.58	0.0	41.396	1.223	0.0	37.838	1.688	0.0	45.548	1.273	0.0	41.23	1.505	0.0	40.38	1.219	0.0	37.533	1.547
135	13432	13433	SN	1	0.0	43.16	4.673	0.0	47.578	5.553	0.0	39.056	4.106	0.0	42.038	5.185	0.0	42.461	4.642	0.0	46.299	5.217	0.0	38.534	4.205	0.0	40.533	4.878
136	13433	13434	SN	1	0.0	42.62	2.256	0.0	44.603	2.737	0.0	39.812	1.931	0.0	48.314	2.459	0.0	43.196	2.251	0.0	44.249	2.78	0.0	38.444	2.04	0.0	47.867	2.515
137	13433	13434	NS	1	0.0	52.903	1.948	0.0	41.767	2.911	0.0	49.332	2.79	0.0	45.666	3.204	0.0	51.815	1.938	0.0	43.257	2.615	0.0	51.219	2.47	0.0	47.359	2.796
138	13433	13434	NS	1	0.0	37.44	0.599	0.0	46.523	0.869	0.0	39.134	0.916	0.0	39.393	1.282	0.0	39.13	0.554	0.0	45.456	0.748	0.0	38.554	0.831	0.0	37.801	1.023
139	13433	13434	NS	1	0.0	52.903	1.958	0.0	41.767	2.932	0.0	49.332	2.797	0.0	45.666	3.204	0.0	51.815	1.948	0.0	43.257	2.625	0.0	51.219	2.47	0.0	47.359	2.796

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

140	13433	13434	SN	1	0.0	49.328	7.231	0.0	53.512	8.403	0.0	50.783	6.113	0.0	47.744	7.633	0.0	49.849	7.393	0.0	51.227	8.219	0.0	50.331	6.497	0.0	45.466	8.021
141	13433	13434	NS	1	0.0	37.44	0.599	0.0	46.523	0.871	0.0	39.134	0.916	0.0	39.393	1.276	0.0	39.13	0.554	0.0	45.456	0.751	0.0	38.554	0.834	0.0	37.801	1.023
142	13434	13435	SN	1	0.0	48.627	1.012	0.0	44.424	1.32	0.0	41.163	0.956	0.0	50.582	1.396	0.0	48.684	1.023	0.0	46.103	1.261	0.0	39.042	0.89	0.0	48.765	1.198
143	13434	13435	SN	1	0.0	51.954	3.691	0.0	46.108	5.042	0.0	48.537	3.732	0.0	45.765	4.712	0.0	52.978	3.813	0.0	48.875	4.575	0.0	48.491	3.54	0.0	45.218	4.08
144	13434	13435	NS	1	0.0	36.797	2.41	0.0	41.786	3.462	0.0	39.349	2.284	0.0	42.872	3.335	0.0	37.225	2.38	0.0	41.057	3.208	0.0	39.461	2.171	0.0	41.405	2.831
145	13434	13435	NS	1	0.0	39.797	0.76	0.0	45.861	1.134	0.0	39.176	0.823	0.0	35.802	1.234	0.0	39.986	0.733	0.0	48.589	0.976	0.0	35.753	0.761	0.0	36.408	1.032
146	13434	13435	NS	1	0.0	36.797	2.448	0.0	41.786	3.515	0.0	39.349	2.312	0.0	42.872	3.38	0.0	37.225	2.417	0.0	41.057	3.258	0.0	39.461	2.204	0.0	41.405	2.875
147	13434	13435	NS	1	0.0	39.797	0.771	0.0	45.861	1.151	0.0	39.176	0.836	0.0	35.802	1.254	0.0	39.986	0.744	0.0	48.589	0.991	0.0	35.753	0.773	0.0	36.408	1.048
148	13435	13436	NS	1	0.0	44.032	0.938	0.0	36.129	1.221	0.0	36.452	1.211	0.0	42.45	1.803	0.0	45.673	0.911	0.0	36.52	1.124	0.0	33.844	1.126	0.0	42.301	1.43
149	13435	13436	NS	1	0.0	47.231	3.318	0.0	44.602	4.402	0.0	43.802	3.63	0.0	38.025	5.077	0.0	47.348	3.172	0.0	42.565	3.972	0.0	43.594	3.491	0.0	38.583	4.211
150	13435	13436	SN	1	0.0	54.522	4.472	0.0	51.39	5.58	0.0	43.268	3.557	0.0	43.236	4.642	0.0	54.106	4.442	0.0	49.077	5.316	0.0	45.857	3.258	0.0	44.595	4.045
151	13435	13436	SN	1	0.0	54.521	4.513	0.0	51.04	5.58	0.0	45.299	3.464	0.0	45.081	4.628	0.0	54.109	4.472	0.0	48.728	5.265	0.0	43.44	3.244	0.0	45.391	4.031
152	13435	13436	NS	1	0.0	47.231	3.219	0.0	44.602	4.258	0.0	38.389	3.563	0.0	38.189	4.914	0.0	47.348	3.067	0.0	42.565	3.851	0.0	38.538	3.414	0.0	38.523	4.096
153	13435	13436	NS	1	0.0	47.231	3.219	0.0	44.602	4.258	0.0	38.389	3.563	0.0	38.191	4.914	0.0	47.348	3.067	0.0	42.565	3.851	0.0	38.538	3.414	0.0	38.525	4.096
154	13435	13436	NS	1	0.0	42.937	0.967	0.0	36.129	1.26	0.0	36.218	1.271	0.0	39.277	1.853	0.0	41.456	0.939	0.0	36.52	1.161	0.0	33.844	1.189	0.0	39.379	1.464
155	13435	13436	SN	1	0.0	50.086	1.181	0.0	48.113	1.527	0.0	39.52	0.91	0.0	45.575	1.338	0.0	51.088	1.172	0.0	49.653	1.464	0.0	40.139	0.862	0.0	43.741	1.14
156	13435	13436	SN	1	0.0	48.446	1.188	0.0	46.566	1.548	0.0	40.504	0.897	0.0	45.435	1.309	0.0	49.449	1.179	0.0	48.221	1.455	0.0	40.27	0.858	0.0	43.603	1.128
157	13435	13436	NS	1	0.0	44.032	0.938	0.0	36.129	1.221	0.0	36.5	1.211	0.0	43.025	1.803	0.0	45.673	0.911	0.0	36.52	1.124	0.0	33.844	1.126	0.0	42.875	1.43
158	13436	13437	SN	1	0.0	43.171	3.825	0.0	53.197	4.83	0.0	41.19	3.833	0.0	44.011	5.721	0.0	43.032	3.927	0.0	53.169	4.606	0.0	40.533	3.875	0.0	41.532	5.195
159	13436	13437	NS	1	0.0	43.758	1.484	0.0	46.156	1.93	0.0	39.999	1.534	0.0	41.815	1.913	0.0	44.429	1.494	0.0	47.223	1.758	0.0	40.848	1.509	0.0	40.168	1.714
160	13436	13437	NS	1	0.0	43.758	1.42	0.0	46.156	1.799	0.0	39.999	1.439	0.0	41.689	1.791	0.0	44.429	1.429	0.0	47.223	1.637	0.0	40.85	1.412	0.0	40.042	1.605
161	13436	13437	SN	1	0.0	43.172	3.815	0.0	52.731	4.87	0.0	41.206	3.819	0.0	43.916	5.743	0.0	43.034	3.937	0.0	52.706	4.647	0.0	40.602	3.868	0.0	41.439	5.238
162	13436	13437	NS	1	0.0	43.254	3.836	0.0	48.331	4.895	0.0	44.114	4.531	0.0	43.22	5.52	0.0	44.019	3.785	0.0	47.03	4.721	0.0	43.874	4.389	0.0	42.353	5.045
163	13436	13437	NS	1	0.0	43.758	1.385	0.0	46.156	1.799	0.0	39.999	1.411	0.0	41.815	1.782	0.0	44.429	1.397	0.0	47.223	1.638	0.0	40.848	1.395	0.0	40.168	1.6
164	13436	13437	NS	1	0.0	43.254	3.902	0.0	48.331	4.905	0.0	44.116	4.57	0.0	43.231	5.546	0.0	44.019	3.83	0.0	47.03	4.74	0.0	43.874	4.433	0.0	42.362	5.07
165	13436	13437	SN	1	0.0	45.366	1.111	0.0	41.455	1.601	0.0	38.444	1.122	0.0	43.526	1.952	0.0	44.836	1.105	0.0	43.395	1.538	0.0	38.097	1.135	0.0	38.926	1.742
166	13436	13437	SN	1	0.0	45.366	1.12	0.0	41.568	1.597	0.0	38.446	1.122	0.0	43.621	1.952	0.0	44.836	1.105	0.0	43.508	1.538	0.0	38.099	1.14	0.0	39.02	1.737
167	13436	13437	NS	1	0.0	43.254	4.119	0.0	48.331	5.256	0.0	44.114	4.872	0.0	43.22	5.918	0.0	44.019	4.053	0.0	47.03	5.069	0.0	43.874	4.751	0.0	42.353	5.409
168	13437	13438	NS	1	0.0	47.877	1.294	0.0	45.542	1.74	0.0	39.854	1.317	0.0	46.424	1.883	0.0	46.945	1.306	0.0	43.668	1.634	0.0	38.292	1.255	0.0	44.168	1.636
169	13437	13438	NS	1	0.0	49.926	4.115	0.0	49.015	6.01	0.0	43.59	4.586	0.0	51.517	6.325	0.0	50.558	4.172	0.0	51.494	5.57	0.0	45.561	4.401	0.0	48.669	5.829
170	13437	13438	SN	1	0.0	40.872	1.134	0.0	42.787	1.318	0.0	34.928	1.002	0.0	48.989	1.41	0.0	42.566	1.139	0.0	45.535	1.234	0.0	35.135	0.958	0.0	45.992	1.229
171	13437	13438	NS	1	0.0	49.926	3.778	0.0	49.015	5.291	0.0	43.59	4.264	0.0	51.517	5.639	0.0	50.558	3.849	0.0	51.494	4.862	0.0	45.561	4.072	0.0	48.669	5.145
172	13437	13438	NS	1	0.0	47.846	3.778	0.0	52.329	5.291	0.0	44.694	4.285	0.0	51.515	5.682	0.0	48.665	3.839	0.0	51.522	4.832	0.0	44.603	4.058	0.0	48.669	5.189
173	13437	13438	SN	1	0.0	40.872	1.134	0.0	42.787	1.318	0.0	34.928	1.002	0.0	48.989	1.408	0.0	42.566	1.139	0.0	45.535	1.232	0.0	35.135	0.958	0.0	45.992	1.227
174	13437	13438	NS	1	0.0	47.877	1.428	0.0	45.542	1.966	0.0	39.127	1.416	0.0	46.424	2.157	0.0	46.945	1.438	0.0	43.668	1.853	0.0	38.292	1.362	0.0	44.168	1.874
175	13437	13438	SN	1	0.0	47.89	4.358	0.0	44.744	5.21	0.0	39.814	3.754	0.0	50.401	4.453	0.0	47.317	4.358	0.0	43.248	4.732	0.0	39.63	3.704	0.0	48.165	4.047

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

176	13437	13438	NS	1	0.0	47.877	1.303	0.0	45.544	1.724	0.0	39.724	1.305	0.0	46.367	1.889	0.0	46.945	1.317	0.0	43.67	1.627	0.0	38.521	1.261	0.0	44.113	1.646
177	13437	13438	SN	1	0.0	47.89	4.777	0.0	44.744	5.648	0.0	40.278	4.036	0.0	50.401	4.832	0.0	47.317	4.8	0.0	43.248	5.146	0.0	39.63	3.95	0.0	48.165	4.364
178	13437	13438	SN	1	0.0	47.89	4.358	0.0	44.744	5.22	0.0	39.814	3.754	0.0	50.401	4.453	0.0	47.317	4.358	0.0	43.248	4.732	0.0	39.63	3.704	0.0	48.165	4.047
179	13437	13438	SN	1	0.0	40.872	1.245	0.0	42.787	1.449	0.0	34.88	1.116	0.0	48.989	1.535	0.0	42.566	1.252	0.0	45.535	1.352	0.0	35.135	1.052	0.0	45.992	1.328
180	13438	13439	NS	1	0.0	55.344	7.607	0.0	56.269	9.788	0.0	48.898	7.251	0.0	48.29	9.015	0.0	54.781	7.658	0.0	55.709	9.168	0.0	49.783	7.002	0.0	50.496	8.573
181	13438	13439	NS	1	0.0	51.2	2.454	0.0	49.478	3.059	0.0	44.68	1.904	0.0	44.09	2.63	0.0	50.276	2.422	0.0	45.55	2.863	0.0	44.194	1.872	0.0	43.833	2.364
182	13438	13439	NS	1	0.0	55.629	2.424	0.0	52.861	3.104	0.0	43.314	1.9	0.0	44.255	2.887	0.0	57.318	2.426	0.0	51.459	2.977	0.0	46.661	1.813	0.0	40.607	2.619
183	13438	13439	NS	1	0.0	51.919	7.732	0.0	55.426	10.029	0.0	52.683	7.14	0.0	50.158	9.047	0.0	53.36	7.823	0.0	55.755	9.512	0.0	53.311	7.033	0.0	50.567	8.599

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	13411	13412	SN	1	0.0	31.309	12.42	0.0	136.736	12.641	0.0	165.555	9.657	0.0	73.123	12.822	0.0	1.445	0.0	1.777	0.0	0.0	1.814	0.0	0.0	2.131	0.0	
2	13412	13413	SN	1	0.0	31.22	12.445	0.0	23.836	12.619	0.0	146.936	9.66	0.0	70.636	12.756	0.0	1.445	0.0	1.776	0.0	0.0	1.825	0.0	0.0	2.135	0.0	
3	13412	13413	SN	1	0.0	24.073	6.024	0.0	25.86	6.874	0.0	152.026	2.269	0.0	61.702	3.087	0.0	1.432	0.0	1.776	0.0	0.0	1.833	0.0	0.0	2.133	0.0	
4	13413	13414	NS	1	0.0	158.876	5.928	0.0	24.189	7.45	0.0	354.794	2.328	0.0	53.909	3.647	0.0	1.415	0.0	1.774	0.0	0.0	1.833	0.0	0.0	2.129	0.0	
5	13413	13414	NS	1	0.0	121.324	10.383	0.0	32.715	14.851	0.0	354.794	11.203	0.0	73.642	13.841	0.0	1.399	0.0	1.773	0.0	0.0	1.827	0.0	0.0	2.13	0.0	
6	13413	13414	SN	1	0.0	22.904	6.079	0.0	25.86	6.934	0.0	133.077	2.255	0.0	63.869	3.167	0.0	1.431	0.0	1.776	0.0	0.0	1.833	0.0	0.0	2.133	0.0	
7	13413	13414	SN	1	0.0	31.298	12.466	0.0	23.836	12.653	0.0	141.14	9.733	0.0	79.664	12.88	0.0	1.446	0.0	1.776	0.0	0.0	1.824	0.0	0.0	2.134	0.0	
8	13414	13415	SN	1	0.0	22.898	6.061	0.0	25.865	6.949	0.0	127.248	2.238	0.0	46.966	3.105	0.0	1.431	0.0	1.777	0.0	0.0	1.832	0.0	0.0	2.133	0.0	
9	13414	13415	NS	1	0.0	104.716	10.398	0.0	32.991	14.828	0.0	141.744	11.215	0.0	71.066	13.767	0.0	1.399	0.0	1.776	0.0	0.0	1.832	0.0	0.0	2.13	0.0	
10	13414	13415	NS	1	0.0	218.755	5.892	0.0	24.183	7.465	0.0	135.672	2.275	0.0	47.164	3.656	0.0	1.415	0.0	1.775	0.0	0.0	1.834	0.0	0.0	2.13	0.0	
11	13414	13415	SN	1	0.0	31.314	12.44	0.0	23.847	12.704	0.0	143.175	9.773	0.0	70.256	12.815	0.0	1.446	0.0	1.779	0.0	0.0	1.812	0.0	0.0	2.135	0.0	
12	13415	13416	SN	1	0.0	27.84	12.353	0.0	257.363	12.797	0.0	62.7	9.76	0.0	276.677	12.864	0.0	1.446	0.0	1.777	0.0	0.0	1.813	0.0	0.0	2.132	0.0	
13	13415	13416	NS	1	0.0	122.127	5.947	0.0	24.194	7.528	0.0	129.434	2.339	0.0	49.221	3.705	0.0	1.414	0.0	1.775	0.0	0.0	1.834	0.0	0.0	2.131	0.0	
14	13415	13416	SN	1	0.0	22.909	5.958	0.0	257.275	6.956	0.0	45.118	2.21	0.0	275.198	3.191	0.0	1.432	0.0	1.776	0.0	0.0	1.829	0.0	0.0	2.132	0.0	
15	13415	13416	NS	1	0.0	94.795	10.388	0.0	32.996	14.873	0.0	141.904	11.096	0.0	77.199	13.834	0.0	1.398	0.0	1.776	0.0	0.0	1.832	0.0	0.0	2.131	0.0	
16	13416	13417	SN	1	0.0	31.287	12.432	0.0	131.37	12.291	0.0	139.662	10.163	0.0	78.338	11.854	0.0	1.446	0.0	1.776	0.0	0.0	1.813	0.0	0.0	2.131	0.0	
17	13416	13417	SN	1	0.0	24.487	5.981	0.0	69.801	6.846	0.0	136.926	2.137	0.0	222.362	3.059	0.0	1.431	0.0	1.775	0.0	0.0	1.828	0.0	0.0	2.132	0.0	
18	13416	13417	NS	1	0.0	254.512	5.917	0.0	24.178	7.567	0.0	349.152	2.274	0.0	51.819	3.682	0.0	1.413	0.0	1.776	0.0	0.0	1.834	0.0	0.0	2.132	0.0	
19	13416	13417	NS	1	0.0	213.014	10.422	0.0	32.991	14.929	0.0	137.922	11.144	0.0	72.809	13.744	0.0	1.397	0.0	1.777	0.0	0.0	1.829	0.0	0.0	2.132	0.0	
20	13416	13417	SN	1	0.0	24.487	6.183	0.0	69.801	6.901	0.0	136.926	2.293	0.0	222.362	3.027	0.0	1.431	0.0	1.775	0.0	0.0	1.828	0.0	0.0	2.132	0.0	
21	13416	13417	SN	1	0.0	31.287	12.365	0.0	131.37	12.742	0.0	139.662	9.596	0.0	78.338	12.569	0.0	1.446	0.0	1.776	0.0	0.0	1.813	0.0	0.0	2.131	0.0	
22	13417	13418	NS	1	0.0	209.126	10.401	0.0	33.007	14.879	0.0	202.343	11.078	0.0	73.829	13.708	0.0	1.398	0.0	1.777	0.0	0.0	1.832	0.0	0.0	2.131	0.0	
23	13417	13418	SN	1	0.0	22.909	5.99	0.0	25.849	6.819	0.0	128.582	2.162	0.0	58.134	3.058	0.0	1.431	0.0	1.775	0.0	0.0	1.831	0.0	0.0	2.131	0.0	
24	13417	13418	SN	1	0.0	31.331	12.358	0.0	98.087	12.844	0.0	138.531	9.657	0.0	84.253	12.615	0.0	1.445	0.0	1.777	0.0	0.0	1.828	0.0	0.0	2.13	0.0	
25	13417	13418	NS	1	0.0	235.278	5.952	0.0	24.178	7.529	0.0	129.252	2.276	0.0	62.457	3.683	0.0	1.413	0.0	1.776	0.0	0.0	1.833	0.0	0.0	2.132	0.0	
26	13418	13419	SN	1	0.0	22.909	5.988	0.0	25.843	6.788	0.0	137.792	2.117	0.0	264.127	3.049	0.0	1.436	0.0	1.775	0.0	0.0	1.83	0.0	0.0	2.131	0.0	
27	13418	13419	SN	1	0.0	31.22	12.237	0.0	23.841	12.783	0.0	141.669	9.534	0.0	73.879	12.618	0.0	1.451	0.0	1.775	0.0	0.0	1.823	0.0	0.0	2.133	0.0	
28	13418	13419	NS	1	0.0	40.158	10.332	0.0	33.002	14.899	0.0	131.519	11.174	0.0	75.682	13.855	0.0	1.398	0.0	1.776	0.0	0.0	1.825	0.0	0.0	2.131	0.0	
29	13418	13419	NS	1	0.0	24.602	5.949	0.0	24.178	7.565	0.0	348.33	2.283	0.0	62.81	3.729	0.0	1.414	0.0	1.776	0.0	0.0	1.833	0.0	0.0	2.131	0.0	
30	13419	13420	SN	1	0.0	31.436	12.368	0.0	234.556	12.755	0.0	139.518	9.612	0.0	208.933	12.446	0.0	1.446	0.0	1.777	0.0	0.0	1.813	0.0	0.0	2.129	0.0	
31	13419	13420	NS	1	0.0	198.532	5.924	0.0	24.183	7.562	0.0	354.915	2.258	0.0	124.087	3.714	0.0	1.413	0.0	1.776	0.0	0.0	1.835	0.0	0.0	2.13	0.0	

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



32	13419	13420	SN	1	0.0	24.007	5.975	0.0	231.44	6.826	0.0	119.356	2.114	0.0	227.408	2.994	0.0	1.431	0.0	0.0	1.775	0.0	0.0	1.832	0.0	0.0	2.131	0.0		
33	13419	13420	NS	1	0.0	254.846	10.281	0.0	32.759	14.865	0.0	354.915	11.168	0.0	70.261	13.755	0.0	1.397	0.0	0.0	1.774	0.0	0.0	1.824	0.0	0.0	2.133	0.0		
34	13420	13421	SN	1	0.0	27.911	12.294	0.0	264.618	12.891	0.0	54.086	9.598	0.0	117.922	12.681	0.0	1.445	0.0	0.0	1.778	0.0	0.0	1.811	0.0	0.0	2.129	0.0		
35	13420	13421	NS	1	0.0	147.325	10.297	0.0	33.007	15.067	0.0	110.182	11.199	0.0	72.285	14.089	0.0	1.398	0.0	0.0	1.778	0.0	0.0	1.826	0.0	0.0	2.13	0.0		
36	13420	13421	NS	1	0.0	165.751	5.922	0.0	24.167	7.624	0.0	111.786	2.264	0.0	72.671	3.828	0.0	1.413	0.0	0.0	1.776	0.0	0.0	1.833	0.0	0.0	2.132	0.0		
37	13420	13421	SN	1	0.0	22.92	5.898	0.0	70.882	6.876	0.0	33.956	2.128	0.0	190.554	3.085	0.0	1.43	0.0	0.0	1.775	0.0	0.0	1.829	0.0	0.0	2.131	0.0		
38	13421	13422	SN	1	0.0	24.404	5.903	0.0	266.763	6.805	0.0	168.428	2.093	0.0	99.819	2.98	0.0	1.44	0.0	0.0	1.775	0.0	0.0	1.828	0.0	0.0	2.131	0.0		
39	13421	13422	SN	1	0.0	31.27	12.36	0.0	141.752	12.838	0.0	144.824	9.544	0.0	276.773	12.395	0.0	1.453	0.0	0.0	1.777	0.0	0.0	1.826	0.0	0.0	2.129	0.0		
40	13421	13422	NS	1	0.0	125.447	10.144	0.0	33.002	15.098	0.0	230.577	10.99	0.0	71.756	14.019	0.0	1.398	0.0	0.0	1.778	0.0	0.0	1.831	0.0	0.0	2.129	0.0		
41	13421	13422	NS	1	0.0	167.422	5.909	0.0	24.161	7.557	0.0	63.243	2.218	0.0	123.817	3.812	0.0	1.416	0.0	0.0	1.777	0.0	0.0	1.834	0.0	0.0	2.133	0.0		
42	13422	13423	NS	1	0.0	24.613	5.985	0.0	24.167	7.603	0.0	241.973	2.237	0.0	130.242	3.846	0.0	1.414	0.0	0.0	1.777	0.0	0.0	1.834	0.0	0.0	2.134	0.0		
43	13422	13423	SN	1	0.0	22.92	5.906	0.0	25.81	6.869	0.0	129.558	2.146	0.0	205.574	3.115	0.0	1.431	0.0	0.0	1.775	0.0	0.0	1.829	0.0	0.0	2.132	0.0		
44	13422	13423	SN	1	0.0	29.643	12.321	0.0	23.847	12.89	0.0	135.073	9.765	0.0	159.193	12.664	0.0	1.447	0.0	0.0	1.778	0.0	0.0	1.82	0.0	0.0	2.132	0.0		
45	13422	13423	NS	1	0.0	22.308	10.293	0.0	33.007	15.043	0.0	189.272	11.121	0.0	75.092	14.049	0.0	1.399	0.0	0.0	1.779	0.0	0.0	1.829	0.0	0.0	2.129	0.0		
46	13423	13424	NS	1	0.0	56.192	5.944	0.0	24.145	7.537	0.0	208.69	2.183	0.0	95.222	3.754	0.0	1.416	0.0	0.0	1.778	0.0	0.0	1.837	0.0	0.0	2.136	0.0		
47	13423	13424	SN	1	0.0	31.265	12.355	0.0	23.863	12.879	0.0	133.342	9.831	0.0	75.966	12.464	0.0	1.448	0.0	0.0	1.776	0.0	0.0	1.848	0.0	0.0	2.129	0.0		
48	13423	13424	SN	1	0.0	31.27	12.375	0.0	23.863	12.879	0.0	133.369	9.838	0.0	75.95	12.472	0.0	1.447	0.0	0.0	1.776	0.0	0.0	1.85	0.0	0.0	2.129	0.0		
49	13423	13424	NS	1	0.0	255.849	10.326	0.0	33.024	14.972	0.0	208.823	10.911	0.0	81.892	13.855	0.0	1.399	0.0	0.0	1.78	0.0	0.0	1.828	0.0	0.0	2.135	0.0		
50	13423	13424	NS	1	0.0	56.192	6.372	0.0	24.145	7.312	0.0	112.487	2.774	0.0	13.39	3.596	0.0	1.416	0.0	0.0	1.778	0.0	0.0	1.837	0.0	0.0	2.136	0.0		
51	13423	13424	SN	1	0.0	22.92	5.91	0.0	25.816	6.804	0.0	118.137	2.178	0.0	68.838	3.078	0.0	1.433	0.0	0.0	1.774	0.0	0.0	1.842	0.0	0.0	2.13	0.0		
52	13423	13424	SN	1	0.0	22.92	5.91	0.0	25.816	6.804	0.0	118.137	2.178	0.0	68.833	3.074	0.0	1.433	0.0	0.0	1.774	0.0	0.0	1.844	0.0	0.0	2.13	0.0		
53	13423	13424	SN	1	0.0	22.915	5.903	0.0	25.816	6.811	0.0	118.153	2.187	0.0	68.833	3.078	0.0	1.432	0.0	0.0	1.774	0.0	0.0	1.845	0.0	0.0	2.13	0.0		
54	13423	13424	SN	1	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0
55	13423	13424	NS	1	0.0	255.849	10.303	0.0	29.373	13.874	0.0	131.911	13.12	0.0	14.35	12.418	0.0	1.399	0.0	0.0	1.78	0.0	0.0	1.828	0.0	0.0	2.135	0.0		
56	13423	13424	SN	1	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0
57	13423	13424	SN	1	0.0	31.265	12.355	0.0	23.863	12.879	0.0	133.342	9.816	0.0	75.95	12.464	0.0	1.448	0.0	0.0	1.776	0.0	0.0	1.849	0.0	0.0	2.129	0.0		
58	13424	13425	SN	1	0.0	27.724	11.78	0.0	23.858	13.019	0.0	17.808	9.289	0.0	80.155	13.151	0.0	1.445	0.0	0.0	1.776	0.0	0.0	1.827	0.0	0.0	2.129	0.0		
59	13424	13425	SN	1	0.0	22.92	5.716	0.0	25.854	6.878	0.0	12.001	1.983	0.0	65.584	3.217	0.0	1.431	0.0	0.0	1.774	0.0	0.0	1.831	0.0	0.0	2.13	0.0		
60	13424	13425	SN	1	0.0	22.92	5.716	0.0	25.854	6.876	0.0	12.001	1.983	0.0	65.584	3.215	0.0	1.431	0.0	0.0	1.774	0.0	0.0	1.831	0.0	0.0	2.13	0.0		
61	13424	13425	SN	1	0.0	27.724	11.79	0.0	23.858	13.019	0.0	17.808	9.289	0.0	80.188	13.184	0.0	1.445	0.0	0.0	1.776	0.0	0.0	1.827	0.0	0.0	2.129	0.0		
62	13424	13425	SN	1	0.0	22.92	5.716	0.0	25.854	6.878	0.0	12.001	1.983	0.0	65.557	3.202	0.0	1.431	0.0	0.0	1.774	0.0	0.0	1.831	0.0	0.0	2.13	0.0		
63	13424	13425	NS	1	0.0	160.473	5.918	0.0	24.167	7.534	0.0	349.003	2.165	0.0	53.12	3.656	0.0	1.415	0.0	0.0	1.777	0.0	0.0	1.835	0.0	0.0	2.134	0.0		
64	13424	13425	SN	1	0.0	27.724	11.79	0.0	23.858	13.019	0.0	17.808	9.289	0.0	80.188	13.183	0.0	1.445	0.0	0.0	1.776	0.0	0.0	1.827	0.0	0.0	2.129	0.0		
65	13424	13425	NS	1	0.0	108.229	10.25	0.0	32.776	14.948	0.0	205.58	10.986	0.0	70.73	13.524	0.0	1.408	0.0	0.0	1.779	0.0	0.0	1.834	0.0	0.0	2.132	0.0		
66	13425	13426	NS	1	0.0	141.918	9.986	0.0	32.825	15.245	0.0	266.808	10.706	0.0	76.405	14.888	0.0	1.407	0.0	0.0	1.779	0.0	0.0	1.839	0.0	0.0	2.145	0.0		
67	13425	13426	SN	1	0.0	28.369	11.556	0.0	23.941	13.43	0.0	16.677	9.02	0.0	68.838	13.842	0.0	1.446	0.0	0.0	1.772	0.0	0.0	1.828	0.0	0.0	2.13	0.0		
68	13425	13426	SN	1	0.0	23.246	5.544	0.0	25.843	7.282	0.0	11.725	1.93	0.0	61.04	3.424	0.0	1.431	0.0	0.0	1.774	0.0	0.0	1.829	0.0	0.0	2.13	0.0		

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

69	13425	13426	NS	1	0.0	68.94	5.863	0.0	24.167	7.661	0.0	66.398	2.025	0.0	176.397	4.134	0.0	1.415	0.0	0.0	1.777	0.0	0.0	1.842	0.0	0.0	2.136	0.0
70	13425	13426	SN	1	0.0	23.246	5.621	0.0	25.843	7.356	0.0	11.725	1.928	0.0	65.364	3.456	0.0	1.432	0.0	0.0	1.774	0.0	0.0	1.829	0.0	0.0	2.131	0.0
71	13425	13426	NS	1	0.0	68.94	5.86	0.0	24.167	7.661	0.0	66.398	2.025	0.0	176.397	4.14	0.0	1.419	0.0	0.0	1.782	0.0	0.0	1.842	0.0	0.0	2.136	0.0
72	13425	13426	NS	1	0.0	141.918	9.986	0.0	32.825	15.245	0.0	266.808	10.706	0.0	76.405	14.888	0.0	1.399	0.0	0.0	1.779	0.0	0.0	1.831	0.0	0.0	2.145	0.0
73	13425	13426	SN	1	0.0	28.375	11.659	0.0	23.941	13.533	0.0	16.677	9.062	0.0	77.899	13.867	0.0	1.446	0.0	0.0	1.773	0.0	0.0	1.828	0.0	0.0	2.13	0.0
74	13426	13427	SN	1	0.0	31.193	12.333	0.0	28.587	12.829	0.0	136.722	9.732	0.0	123.34	12.568	0.0	1.446	0.0	0.0	1.776	0.0	0.0	1.829	0.0	0.0	2.133	0.0
75	13426	13427	SN	1	0.0	31.193	12.333	0.0	28.587	12.829	0.0	136.722	9.732	0.0	123.34	12.568	0.0	1.446	0.0	0.0	1.776	0.0	0.0	1.829	0.0	0.0	2.133	0.0
76	13426	13427	SN	1	0.0	22.915	5.949	0.0	25.843	6.835	0.0	142.783	2.213	0.0	249.171	2.998	0.0	1.432	0.0	0.0	1.774	0.0	0.0	1.827	0.0	0.0	2.13	0.0
77	13426	13427	NS	1	0.0	220.52	5.95	0.0	24.15	7.558	0.0	262.578	2.194	0.0	56.617	3.712	0.0	1.414	0.0	0.0	1.777	0.0	0.0	1.835	0.0	0.0	2.133	0.0
78	13426	13427	NS	1	0.0	270.916	10.328	0.0	31.948	14.991	0.0	136.549	11.069	0.0	73.984	13.77	0.0	1.398	0.0	0.0	1.776	0.0	0.0	1.823	0.0	0.0	2.135	0.0
79	13426	13427	SN	1	0.0	22.915	5.886	0.0	25.843	6.822	0.0	142.783	2.175	0.0	249.171	3.089	0.0	1.432	0.0	0.0	1.774	0.0	0.0	1.827	0.0	0.0	2.13	0.0
80	13426	13427	SN	1	0.0	31.193	12.349	0.0	28.587	12.698	0.0	136.722	9.871	0.0	123.34	12.289	0.0	1.446	0.0	0.0	1.776	0.0	0.0	1.829	0.0	0.0	2.133	0.0
81	13426	13427	SN	1	0.0	22.915	5.886	0.0	25.843	6.822	0.0	142.783	2.175	0.0	249.171	3.089	0.0	1.432	0.0	0.0	1.774	0.0	0.0	1.827	0.0	0.0	2.13	0.0
82	13427	13428	SN	1	0.0	23.896	5.961	0.0	25.832	6.838	0.0	163.613	2.168	0.0	12.9	2.875	0.0	1.431	0.0	0.0	1.774	0.0	0.0	1.828	0.0	0.0	2.133	0.0
83	13427	13428	NS	1	0.0	24.608	5.983	0.0	24.172	7.573	0.0	349.268	2.223	0.0	59.457	3.78	0.0	1.414	0.0	0.0	1.777	0.0	0.0	1.834	0.0	0.0	2.133	0.0
84	13427	13428	SN	1	0.0	31.391	12.268	0.0	23.852	12.548	0.0	163.613	9.758	0.0	15.172	11.958	0.0	1.445	0.0	0.0	1.778	0.0	0.0	1.819	0.0	0.0	2.127	0.0
85	13427	13428	NS	1	0.0	123.164	10.347	0.0	33.035	15.042	0.0	270.453	11.05	0.0	73.89	13.79	0.0	1.398	0.0	0.0	1.778	0.0	0.0	1.829	0.0	0.0	2.131	0.0
86	13427	13428	NS	1	0.0	123.158	10.347	0.0	33.029	15.012	0.0	212.452	11.065	0.0	73.912	13.783	0.0	1.399	0.0	0.0	1.778	0.0	0.0	1.83	0.0	0.0	2.132	0.0
87	13427	13428	SN	1	0.0	23.896	5.877	0.0	25.832	6.822	0.0	163.613	2.113	0.0	57.952	2.973	0.0	1.431	0.0	0.0	1.774	0.0	0.0	1.828	0.0	0.0	2.133	0.0
88	13427	13428	SN	1	0.0	23.896	5.877	0.0	25.832	6.822	0.0	163.613	2.113	0.0	57.952	2.973	0.0	1.431	0.0	0.0	1.774	0.0	0.0	1.828	0.0	0.0	2.133	0.0
89	13427	13428	NS	1	0.0	24.608	5.981	0.0	24.178	7.58	0.0	349.268	2.214	0.0	59.441	3.776	0.0	1.414	0.0	0.0	1.776	0.0	0.0	1.834	0.0	0.0	2.133	0.0
90	13427	13428	SN	1	0.0	31.391	12.247	0.0	23.852	12.8	0.0	163.613	9.571	0.0	72.037	12.365	0.0	1.445	0.0	0.0	1.778	0.0	0.0	1.819	0.0	0.0	2.127	0.0
91	13427	13428	SN	1	0.0	31.391	12.247	0.0	23.852	12.8	0.0	163.613	9.571	0.0	72.037	12.365	0.0	1.445	0.0	0.0	1.778	0.0	0.0	1.819	0.0	0.0	2.127	0.0
92	13428	13429	SN	1	0.0	22.904	5.916	0.0	25.843	6.826	0.0	120.729	2.158	0.0	66.635	3.076	0.0	1.431	0.0	0.0	1.774	0.0	0.0	1.828	0.0	0.0	2.13	0.0
93	13428	13429	SN	1	0.0	22.904	5.916	0.0	25.843	6.826	0.0	120.729	2.158	0.0	66.635	3.076	0.0	1.431	0.0	0.0	1.774	0.0	0.0	1.828	0.0	0.0	2.13	0.0
94	13428	13429	NS	1	0.0	210.251	10.309	0.0	33.007	14.945	0.0	134.188	10.961	0.0	74.64	13.725	0.0	1.399	0.0	0.0	1.779	0.0	0.0	1.828	0.0	0.0	2.134	0.0
95	13428	13429	SN	1	0.0	29.599	12.291	0.0	23.863	12.626	0.0	129.492	10.0	0.0	14.069	12.069	0.0	1.445	0.0	0.0	1.776	0.0	0.0	1.822	0.0	0.0	2.132	0.0
96	13428	13429	SN	1	0.0	22.904	6.023	0.0	25.843	6.859	0.0	120.729	2.24	0.0	12.894	2.997	0.0	1.431	0.0	0.0	1.774	0.0	0.0	1.828	0.0	0.0	2.13	0.0
97	13428	13429	NS	1	0.0	160.715	5.929	0.0	24.167	7.547	0.0	114.092	2.172	0.0	61.454	3.668	0.0	1.414	0.0	0.0	1.777	0.0	0.0	1.841	0.0	0.0	2.133	0.0
98	13428	13429	NS	1	0.0	239.608	5.929	0.0	24.167	7.547	0.0	114.081	2.174	0.0	61.459	3.675	0.0	1.414	0.0	0.0	1.777	0.0	0.0	1.841	0.0	0.0	2.133	0.0
99	13428	13429	NS	1	0.0	269.648	10.309	0.0	33.007	14.965	0.0	134.177	10.954	0.0	74.634	13.732	0.0	1.399	0.0	0.0	1.779	0.0	0.0	1.828	0.0	0.0	2.134	0.0
100	13428	13429	SN	1	0.0	29.599	12.282	0.0	23.863	13.013	0.0	129.492	9.715	0.0	74.673	12.623	0.0	1.445	0.0	0.0	1.776	0.0	0.0	1.822	0.0	0.0	2.132	0.0
101	13428	13429	SN	1	0.0	29.599	12.282	0.0	23.863	13.013	0.0	129.492	9.722	0.0	74.679	12.623	0.0	1.445	0.0	0.0	1.776	0.0	0.0	1.822	0.0	0.0	2.132	0.0
102	13429	13430	SN	1	0.0	30.702	12.307	0.0	88.348	12.806	0.0	132.117	9.552	0.0	167.973	12.404	0.0	1.445	0.0	0.0	1.774	0.0	0.0	1.83	0.0	0.0	2.127	0.0
103	13429	13430	SN	1	0.0	30.702	12.315	0.0	88.348	12.632	0.0	132.117	9.684	0.0	167.973	12.121	0.0	1.445	0.0	0.0	1.774	0.0	0.0	1.83	0.0	0.0	2.127	0.0
104	13429	13430	SN	1	0.0	30.702	12.307	0.0	88.348	12.806	0.0	132.117	9.552	0.0	167.973	12.404	0.0	1.445	0.0	0.0	1.774	0.0	0.0	1.83	0.0	0.0	2.127	0.0
105	13429	13430	NS	1	0.0	22.303	10.309	0.0	32.732	15.005	0.0	147.275	10.937	0.0	74.816	13.726	0.0	1.398	0.0	0.0	1.779	0.0	0.0	1.833	0.0	0.0	2.132	0.0

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

106	13429	13430	NS	1	0.0	22.303	10.32	0.0	32.732	15.025	0.0	228.765	10.944	0.0	74.828	13.705	0.0	1.398	0.0	0.0	1.779	0.0	0.0	1.834	0.0	0.0	2.132	0.0
107	13429	13430	SN	1	0.0	22.92	5.959	0.0	25.843	6.75	0.0	141.25	2.156	0.0	167.973	2.899	0.0	1.431	0.0	0.0	1.774	0.0	0.0	1.832	0.0	0.0	2.131	0.0
108	13429	13430	SN	1	0.0	22.92	5.897	0.0	25.843	6.738	0.0	141.25	2.118	0.0	167.973	3.001	0.0	1.431	0.0	0.0	1.774	0.0	0.0	1.832	0.0	0.0	2.131	0.0
109	13429	13430	SN	1	0.0	22.92	5.897	0.0	25.843	6.738	0.0	141.25	2.118	0.0	167.973	3.001	0.0	1.431	0.0	0.0	1.774	0.0	0.0	1.832	0.0	0.0	2.131	0.0
110	13429	13430	NS	1	0.0	24.597	5.975	0.0	24.172	7.56	0.0	341.983	2.194	0.0	55.078	3.727	0.0	1.414	0.0	0.0	1.778	0.0	0.0	1.837	0.0	0.0	2.132	0.0
111	13429	13430	NS	1	0.0	24.602	5.966	0.0	24.167	7.56	0.0	341.966	2.191	0.0	55.056	3.723	0.0	1.414	0.0	0.0	1.777	0.0	0.0	1.837	0.0	0.0	2.132	0.0
112	13430	13431	NS	1	0.0	211.531	10.403	0.0	32.787	15.085	0.0	352.422	11.169	0.0	75.688	13.818	0.0	1.399	0.0	0.0	1.78	0.0	0.0	1.835	0.0	0.0	2.134	0.0
113	13430	13431	SN	1	0.0	23.141	6.034	0.0	25.799	6.832	0.0	124.038	2.205	0.0	12.883	2.904	0.0	1.43	0.0	0.0	1.773	0.0	0.0	1.845	0.0	0.0	2.13	0.0
114	13430	13431	NS	1	0.0	218.491	6.012	0.0	24.15	7.575	0.0	173.629	2.231	0.0	54.328	3.79	0.0	1.415	0.0	0.0	1.778	0.0	0.0	1.838	0.0	0.0	2.134	0.0
115	13430	13431	SN	1	0.0	31.303	12.259	0.0	29.629	12.893	0.0	128.273	9.648	0.0	35.29	12.308	0.0	1.445	0.0	0.0	1.773	0.0	0.0	1.829	0.0	0.0	2.127	0.0
116	13430	13431	NS	1	0.0	264.833	6.006	0.0	24.15	7.573	0.0	140.525	2.231	0.0	54.317	3.792	0.0	1.415	0.0	0.0	1.778	0.0	0.0	1.838	0.0	0.0	2.133	0.0
117	13430	13431	SN	1	0.0	31.303	12.292	0.0	29.629	12.584	0.0	128.273	10.0	0.0	13.357	11.701	0.0	1.445	0.0	0.0	1.773	0.0	0.0	1.829	0.0	0.0	2.127	0.0
118	13430	13431	SN	1	0.0	23.141	5.892	0.0	25.799	6.78	0.0	124.038	2.102	0.0	68.243	2.963	0.0	1.43	0.0	0.0	1.773	0.0	0.0	1.845	0.0	0.0	2.13	0.0
119	13430	13431	SN	1	0.0	23.141	5.892	0.0	25.799	6.78	0.0	124.038	2.102	0.0	68.232	2.967	0.0	1.43	0.0	0.0	1.773	0.0	0.0	1.845	0.0	0.0	2.13	0.0
120	13430	13431	NS	1	0.0	270.999	10.403	0.0	32.787	15.096	0.0	352.422	11.177	0.0	75.688	13.833	0.0	1.398	0.0	0.0	1.78	0.0	0.0	1.835	0.0	0.0	2.134	0.0
121	13430	13431	SN	1	0.0	31.303	12.259	0.0	29.629	12.893	0.0	128.273	9.641	0.0	35.29	12.316	0.0	1.445	0.0	0.0	1.773	0.0	0.0	1.829	0.0	0.0	2.127	0.0
122	13431	13432	NS	1	0.0	217.997	10.386	0.0	33.024	14.982	0.0	355.241	11.073	0.0	75.908	13.656	0.0	1.399	0.0	0.0	1.778	0.0	0.0	1.824	0.0	0.0	2.137	0.0
123	13431	13432	SN	1	0.0	31.298	12.353	0.0	121.526	13.175	0.0	132.073	9.675	0.0	77.64	12.254	0.0	1.444	0.0	0.0	1.775	0.0	0.0	1.828	0.0	0.0	2.13	0.0
124	13431	13432	SN	1	0.0	22.915	6.083	0.0	139.711	6.856	0.0	139.634	2.329	0.0	11.675	3.046	0.0	1.43	0.0	0.0	1.772	0.0	0.0	1.833	0.0	0.0	2.129	0.0
125	13431	13432	SN	1	0.0	22.915	5.833	0.0	139.711	6.809	0.0	139.634	2.116	0.0	49.277	2.993	0.0	1.43	0.0	0.0	1.772	0.0	0.0	1.833	0.0	0.0	2.129	0.0
126	13431	13432	SN	1	0.0	31.298	12.455	0.0	121.526	12.688	0.0	132.073	10.497	0.0	13.164	11.418	0.0	1.444	0.0	0.0	1.775	0.0	0.0	1.828	0.0	0.0	2.13	0.0
127	13431	13432	NS	1	0.0	263.115	6.027	0.0	24.145	7.536	0.0	139.963	2.247	0.0	50.484	3.745	0.0	1.416	0.0	0.0	1.78	0.0	0.0	1.838	0.0	0.0	2.135	0.0
128	13431	13432	NS	1	0.0	169.106	6.018	0.0	24.145	7.555	0.0	139.924	2.251	0.0	50.479	3.759	0.0	1.416	0.0	0.0	1.781	0.0	0.0	1.839	0.0	0.0	2.135	0.0
129	13431	13432	NS	1	0.0	212.044	10.346	0.0	33.024	14.982	0.0	355.235	11.095	0.0	75.903	13.677	0.0	1.4	0.0	0.0	1.778	0.0	0.0	1.825	0.0	0.0	2.137	0.0
130	13432	13433	NS	1	0.0	60.265	10.275	0.0	33.035	15.075	0.0	355.323	11.052	0.0	84.843	13.748	0.0	1.399	0.0	0.0	1.778	0.0	0.0	1.825	0.0	0.0	2.137	0.0
131	13432	13433	NS	1	0.0	263.501	6.016	0.0	24.238	7.552	0.0	134.299	2.233	0.0	60.577	3.786	0.0	1.413	0.0	0.0	1.78	0.0	0.0	1.835	0.0	0.0	2.135	0.0
132	13432	13433	SN	1	0.0	31.281	12.312	0.0	54.673	13.164	0.0	136.629	9.528	0.0	80.458	12.117	0.0	1.445	0.0	0.0	1.775	0.0	0.0	1.828	0.0	0.0	2.13	0.0
133	13432	13433	SN	1	0.0	22.926	5.827	0.0	70.722	6.748	0.0	131.604	2.064	0.0	47.655	2.952	0.0	1.43	0.0	0.0	1.772	0.0	0.0	1.832	0.0	0.0	2.128	0.0
134	13432	13433	SN	1	0.0	22.926	5.827	0.0	70.722	6.748	0.0	131.604	2.064	0.0	47.655	2.952	0.0	1.43	0.0	0.0	1.772	0.0	0.0	1.832	0.0	0.0	2.128	0.0
135	13432	13433	SN	1	0.0	31.281	12.312	0.0	54.673	13.164	0.0	136.629	9.528	0.0	80.458	12.117	0.0	1.445	0.0	0.0	1.775	0.0	0.0	1.828	0.0	0.0	2.13	0.0
136	13433	13434	SN	1	0.0	22.92	5.838	0.0	68.494	6.789	0.0	129.172	2.102	0.0	58.873	3.0	0.0	1.43	0.0	0.0	1.772	0.0	0.0	1.832	0.0	0.0	2.128	0.0
137	13433	13434	NS	1	0.0	270.993	10.47	0.0	32.279	15.046	0.0	269.344	11.052	0.0	68.094	13.801	0.0	1.398	0.0	0.0	1.779	0.0	0.0	1.83	0.0	0.0	2.136	0.0
138	13433	13434	NS	1	0.0	256.66	5.99	0.0	24.161	7.564	0.0	269.311	2.258	0.0	127.584	3.808	0.0	1.414	0.0	0.0	1.778	0.0	0.0	1.837	0.0	0.0	2.135	0.0
139	13433	13434	NS	1	0.0	270.993	10.47	0.0	32.279	15.046	0.0	269.344	11.052	0.0	68.094	13.801	0.0	1.398	0.0	0.0	1.779	0.0	0.0	1.83	0.0	0.0	2.136	0.0
140	13433	13434	SN	1	0.0	28.849	12.281	0.0	37.168	13.23	0.0	138.438	9.696	0.0	74.734	12.329	0.0	1.444	0.0	0.0	1.775	0.0	0.0	1.828	0.0	0.0	2.129	0.0
141	13433	13434	NS	1	0.0	256.66	5.99	0.0	24.161	7.564	0.0	269.311	2.258	0.0	127.584	3.808	0.0	1.414	0.0	0.0	1.778	0.0	0.0	1.837	0.0	0.0	2.135	0.0
142	13434	13435	SN	1	0.0	22.926	5.849	0.0	25.805	6.761	0.0	117.707	2.103	0.0	68.248	3.004	0.0	1.43	0.0	0.0	1.772	0.0	0.0	1.832	0.0	0.0	2.128	0.0

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

143	13434	13435	SN	1	0.0	31.16	12.25	0.0	23.852	13.219	0.0	132.917	9.674	0.0	84.948	12.274	0.0	1.445	0.0	0.0	1.775	0.0	0.0	1.828	0.0	0.0	2.129	0.0
144	13434	13435	NS	1	0.0	212.821	10.482	0.0	32.743	15.096	0.0	267.886	11.151	0.0	74.072	13.818	0.0	1.398	0.0	0.0	1.78	0.0	0.0	1.838	0.0	0.0	2.135	0.0
145	13434	13435	NS	1	0.0	255.212	6.003	0.0	24.156	7.612	0.0	347.917	2.269	0.0	75.76	3.799	0.0	1.414	0.0	0.0	1.778	0.0	0.0	1.838	0.0	0.0	2.133	0.0
146	13434	13435	NS	1	0.0	212.821	10.49	0.0	29.56	14.897	0.0	267.886	11.245	0.0	19.49	13.528	0.0	1.398	0.0	0.0	1.78	0.0	0.0	1.838	0.0	0.0	2.135	0.0
147	13434	13435	NS	1	0.0	255.212	6.041	0.0	24.156	7.601	0.0	347.917	2.286	0.0	13.109	3.712	0.0	1.414	0.0	0.0	1.778	0.0	0.0	1.838	0.0	0.0	2.133	0.0
148	13435	13436	NS	1	0.0	156.67	5.995	0.0	24.15	7.538	0.0	342.611	2.236	0.0	125.218	3.769	0.0	1.415	0.0	0.0	1.78	0.0	0.0	1.836	0.0	0.0	2.135	0.0
149	13435	13436	NS	1	0.0	22.347	10.541	0.0	29.213	14.632	0.0	354.06	11.118	0.0	16.131	13.221	0.0	1.399	0.0	0.0	1.782	0.0	0.0	1.825	0.0	0.0	2.134	0.0
150	13435	13436	SN	1	0.0	31.347	12.248	0.0	23.869	13.143	0.0	166.547	9.518	0.0	89.9	12.135	0.0	1.445	0.0	0.0	1.773	0.0	0.0	1.829	0.0	0.0	2.127	0.0
151	13435	13436	SN	1	0.0	31.347	12.248	0.0	23.869	13.143	0.0	166.547	9.518	0.0	89.9	12.149	0.0	1.445	0.0	0.0	1.773	0.0	0.0	1.829	0.0	0.0	2.127	0.0
152	13435	13436	NS	1	0.0	159.585	10.5	0.0	32.776	15.019	0.0	354.06	10.958	0.0	69.886	13.718	0.0	1.399	0.0	0.0	1.782	0.0	0.0	1.825	0.0	0.0	2.134	0.0
153	13435	13436	NS	1	0.0	159.585	10.5	0.0	32.776	15.019	0.0	354.06	10.958	0.0	69.886	13.718	0.0	1.399	0.0	0.0	1.782	0.0	0.0	1.825	0.0	0.0	2.134	0.0
154	13435	13436	NS	1	0.0	24.619	6.069	0.0	24.15	7.496	0.0	342.611	2.264	0.0	12.999	3.669	0.0	1.415	0.0	0.0	1.78	0.0	0.0	1.836	0.0	0.0	2.135	0.0
155	13435	13436	SN	1	0.0	23.874	5.784	0.0	25.783	6.736	0.0	151.977	2.086	0.0	68.226	2.942	0.0	1.431	0.0	0.0	1.772	0.0	0.0	1.831	0.0	0.0	2.128	0.0
156	13435	13436	SN	1	0.0	23.874	5.784	0.0	25.783	6.736	0.0	151.977	2.086	0.0	68.226	2.946	0.0	1.431	0.0	0.0	1.772	0.0	0.0	1.831	0.0	0.0	2.128	0.0
157	13435	13436	NS	1	0.0	156.67	5.995	0.0	24.15	7.538	0.0	342.611	2.236	0.0	125.224	3.769	0.0	1.415	0.0	0.0	1.78	0.0	0.0	1.836	0.0	0.0	2.135	0.0
158	13436	13437	SN	1	0.0	31.298	12.339	0.0	229.129	13.322	0.0	156.014	9.585	0.0	123.566	12.125	0.0	1.449	0.0	0.0	1.777	0.0	0.0	1.829	0.0	0.0	2.13	0.0
159	13436	13437	NS	1	0.0	140.759	6.177	0.0	24.139	7.503	0.0	354.937	2.385	0.0	12.999	3.656	0.0	1.415	0.0	0.0	1.78	0.0	0.0	1.844	0.0	0.0	2.137	0.0
160	13436	13437	NS	1	0.0	140.759	6.019	0.0	24.139	7.426	0.0	354.937	2.285	0.0	77.469	3.608	0.0	1.415	0.0	0.0	1.78	0.0	0.0	1.844	0.0	0.0	2.137	0.0
161	13436	13437	SN	1	0.0	31.298	12.339	0.0	53.173	13.312	0.0	156.008	9.578	0.0	170.245	12.111	0.0	1.448	0.0	0.0	1.777	0.0	0.0	1.828	0.0	0.0	2.13	0.0
162	13436	13437	NS	1	0.0	270.8	10.502	0.0	33.029	15.148	0.0	354.937	11.064	0.0	68.634	13.677	0.0	1.398	0.0	0.0	1.779	0.0	0.0	1.834	0.0	0.0	2.137	0.0
163	13436	13437	NS	1	0.0	140.759	6.001	0.0	24.139	7.559	0.0	354.937	2.277	0.0	77.431	3.764	0.0	1.415	0.0	0.0	1.78	0.0	0.0	1.844	0.0	0.0	2.137	0.0
164	13436	13437	NS	1	0.0	270.8	10.49	0.0	33.029	14.787	0.0	354.937	11.062	0.0	62.496	13.36	0.0	1.398	0.0	0.0	1.779	0.0	0.0	1.834	0.0	0.0	2.137	0.0
165	13436	13437	SN	1	0.0	23.924	5.77	0.0	189.57	6.77	0.0	165.433	2.072	0.0	220.493	2.949	0.0	1.436	0.0	0.0	1.778	0.0	0.0	1.835	0.0	0.0	2.131	0.0
166	13436	13437	SN	1	0.0	23.924	5.772	0.0	25.794	6.772	0.0	165.428	2.069	0.0	144.0	2.951	0.0	1.437	0.0	0.0	1.778	0.0	0.0	1.836	0.0	0.0	2.132	0.0
167	13436	13437	NS	1	0.0	270.8	10.617	0.0	29.207	14.493	0.0	354.937	11.481	0.0	14.411	12.906	0.0	1.398	0.0	0.0	1.779	0.0	0.0	1.834	0.0	0.0	2.137	0.0
168	13437	13438	NS	1	0.0	96.229	6.073	0.0	24.123	7.628	0.0	130.827	2.362	0.0	70.713	3.852	0.0	1.416	0.0	0.0	1.78	0.0	0.0	1.841	0.0	0.0	2.136	0.0
169	13437	13438	NS	1	0.0	161.493	10.667	0.0	29.213	14.43	0.0	189.228	11.969	0.0	14.4	12.869	0.0	1.4	0.0	0.0	1.783	0.0	0.0	1.825	0.0	0.0	2.138	0.0
170	13437	13438	SN	1	0.0	23.797	5.769	0.0	25.794	6.773	0.0	148.74	2.054	0.0	50.451	2.903	0.0	1.43	0.0	0.0	1.771	0.0	0.0	1.831	0.0	0.0	2.128	0.0
171	13437	13438	NS	1	0.0	161.493	10.606	0.0	32.687	15.148	0.0	189.228	11.146	0.0	60.02	13.9	0.0	1.4	0.0	0.0	1.783	0.0	0.0	1.825	0.0	0.0	2.138	0.0
172	13437	13438	NS	1	0.0	161.488	10.575	0.0	32.687	15.158	0.0	189.228	11.146	0.0	60.009	13.901	0.0	1.4	0.0	0.0	1.784	0.0	0.0	1.825	0.0	0.0	2.138	0.0
173	13437	13438	SN	1	0.0	23.797	5.769	0.0	25.794	6.773	0.0	148.74	2.054	0.0	50.451	2.902	0.0	1.43	0.0	0.0	1.771	0.0	0.0	1.831	0.0	0.0	2.128	0.0
174	13437	13438	NS	1	0.0	96.229	6.414	0.0	24.123	7.603	0.0	130.827	2.613	0.0	12.999	3.822	0.0	1.416	0.0	0.0	1.78	0.0	0.0	1.841	0.0	0.0	2.136	0.0
175	13437	13438	SN	1	0.0	31.447	12.321	0.0	23.863	13.219	0.0	142.822	9.514	0.0	37.684	12.035	0.0	1.445	0.0	0.0	1.774	0.0	0.0	1.826	0.0	0.0	2.125	0.0
176	13437	13438	NS	1	0.0	96.229	6.07	0.0	24.128	7.637	0.0	130.821	2.36	0.0	70.702	3.854	0.0	1.417	0.0	0.0	1.78	0.0	0.0	1.837	0.0	0.0	2.136	0.0
177	13437	13438	SN	1	0.0	31.447	12.394	0.0	23.863	12.755	0.0	142.822	10.28	0.0	13.826	11.218	0.0	1.445	0.0	0.0	1.774	0.0	0.0	1.826	0.0	0.0	2.125	0.0
178	13437	13438	SN	1	0.0	31.447	12.321	0.0	23.863	13.219	0.0	142.822	9.514	0.0	37.684	12.035	0.0	1.445	0.0	0.0	1.774	0.0	0.0	1.826	0.0	0.0	2.125	0.0
179	13437	13438	SN	1	0.0	23.797	6.009	0.0	25.794	6.814	0.0	148.74	2.255	0.0	12.392	2.937	0.0	1.43	0.0	0.0	1.771	0.0	0.0	1.831	0.0	0.0	2.128	0.0

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

180	13438	13439	NS	1	0.0	210.384	10.565	0.0	32.726	15.2	0.0	204.946	11.21	0.0	68.756	13.86	0.0	1.4	0.0	0.0	1.78	0.0	0.0	1.824	0.0	0.0	2.133	0.0
181	13438	13439	NS	1	0.0	160.727	6.067	0.0	24.128	7.629	0.0	114.583	2.382	0.0	61.603	3.854	0.0	1.422	0.0	0.0	1.785	0.0	0.0	1.844	0.0	0.0	2.137	0.0
182	13438	13439	NS	1	0.0	24.636	6.063	0.0	24.123	7.644	0.0	263.427	2.378	0.0	121.81	3.836	0.0	1.416	0.0	0.0	1.78	0.0	0.0	1.842	0.0	0.0	2.138	0.0
183	13438	13439	NS	1	0.0	210.257	10.509	0.0	33.04	15.217	0.0	181.901	11.207	0.0	74.673	13.791	0.0	1.405	0.0	0.0	1.78	0.0	0.0	1.835	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