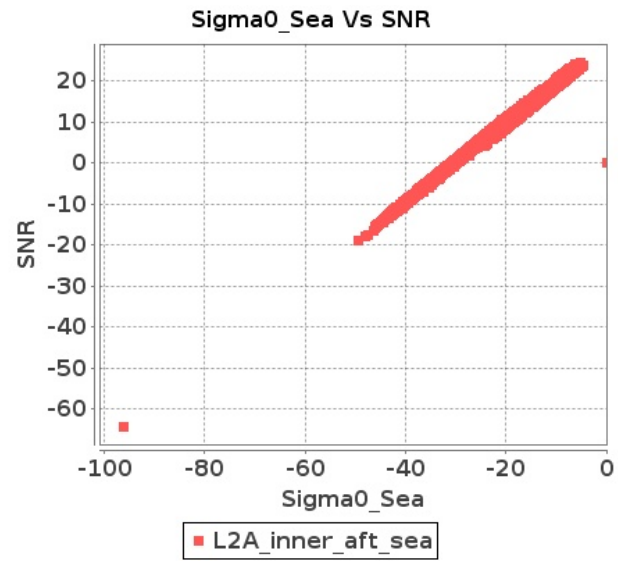


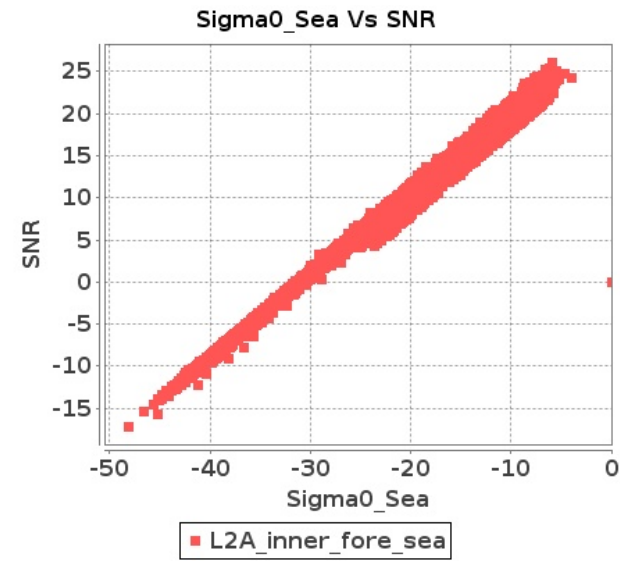
# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 02-JAN-2019 To 03-JAN-2019

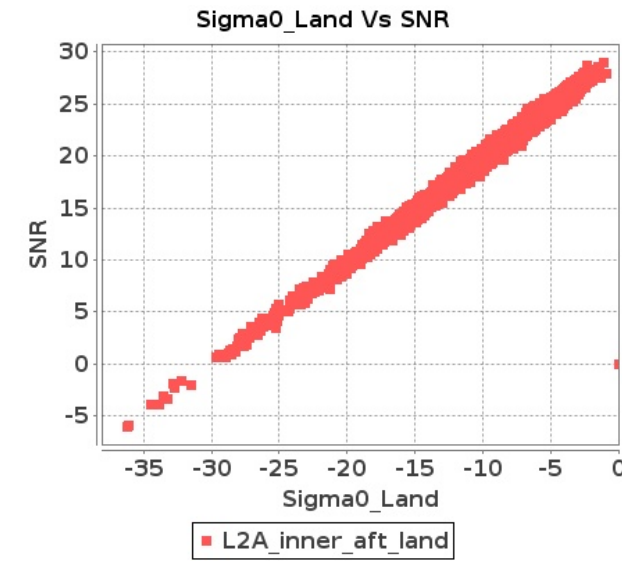
### Inner Sea Aft Sigma0VsSNR



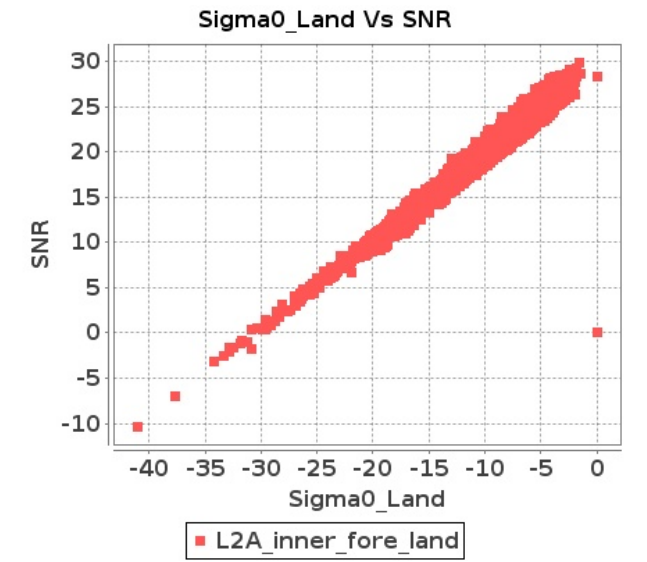
### Inner Sea Fore Sigma0VsSNR



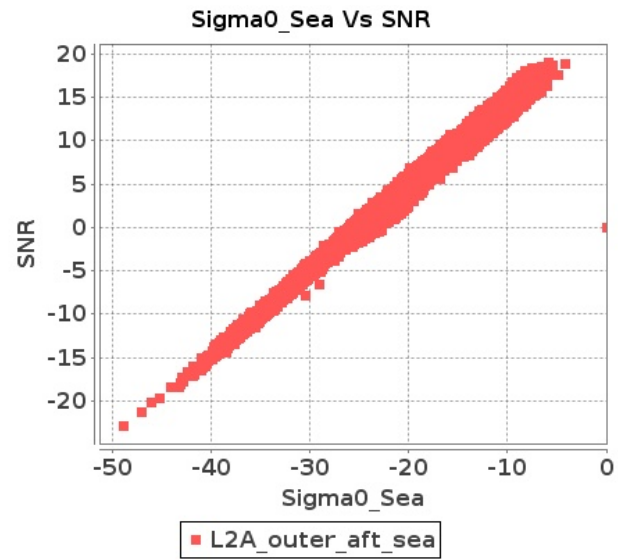
### Inner Land Aft Sigma0VsSNR



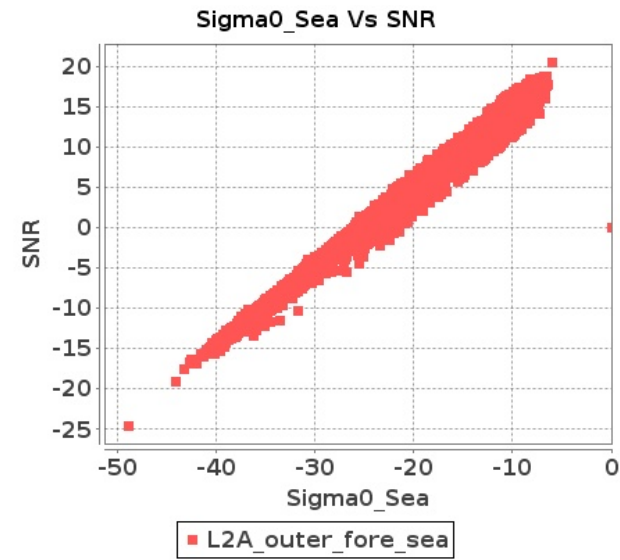
### Inner Land Fore Sigma0VsSNR



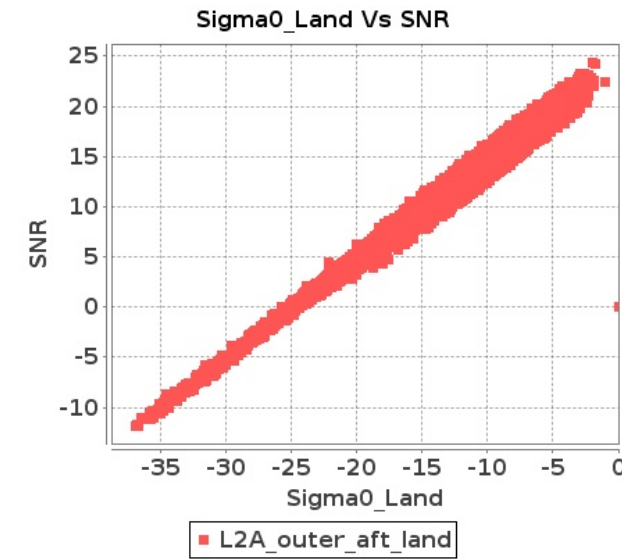
### Outer Sea Aft Sigma0VsSNR



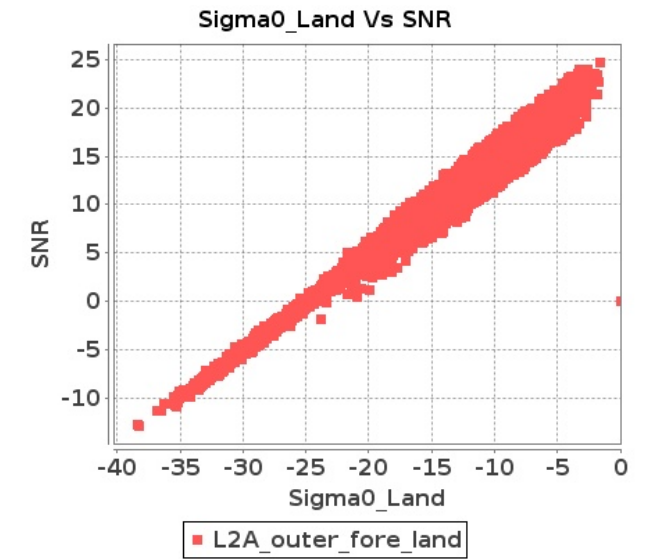
### Outer Sea Fore Sigma0VsSNR



### Outer Land Aft Sigma0VsSNR



### Outer Land Fore Sigma0VsSNR



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

Report between 02-JAN-2019 To 03-JAN-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	12003	12004	SN	1	0.0	46.724	0.871	0.0	50.893	1.185	0.0	39.439	0.792	0.0	39.116	1.076	0.0	46.707	0.936	0.0	51.786	1.081	0.0	37.928	0.762	0.0	38.992	0.954
2	12003	12004	SN	1	0.0	46.883	0.871	0.0	43.567	1.169	0.0	46.063	0.765	0.0	40.111	1.065	0.0	47.894	0.939	0.0	42.492	1.074	0.0	43.68	0.746	0.0	40.432	0.961
3	12003	12004	SN	1	0.0	50.417	4.144	0.0	54.275	4.932	0.0	44.496	2.91	0.0	45.708	3.822	0.0	51.001	4.164	0.0	53.705	4.544	0.0	43.762	2.796	0.0	42.707	3.363
4	12003	12004	SN	1	0.0	51.744	4.154	0.0	49.854	4.994	0.0	42.417	2.91	0.0	42.069	3.844	0.0	51.724	4.184	0.0	48.852	4.564	0.0	42.681	2.824	0.0	41.379	3.37
5	12003	12004	NS	1	0.0	48.404	1.167	0.0	54.311	1.693	0.0	42.79	1.091	0.0	46.718	1.463	0.0	50.719	1.137	0.0	50.831	1.474	0.0	39.932	0.974	0.0	48.296	1.078
6	12003	12004	SN	1	0.0	50.417	4.242	0.0	54.275	5.07	0.0	44.496	2.987	0.0	45.708	3.906	0.0	51.001	4.263	0.0	53.705	4.661	0.0	43.762	2.885	0.0	42.707	3.421
7	12003	12004	NS	1	0.0	54.406	5.139	0.0	47.19	6.756	0.0	49.502	3.852	0.0	51.596	4.744	0.0	53.499	5.251	0.0	47.852	6.087	0.0	46.039	3.518	0.0	53.82	3.78
8	12003	12004	SN	1	0.0	46.883	0.894	0.0	43.567	1.2	0.0	46.063	0.791	0.0	40.111	1.091	0.0	47.894	0.961	0.0	42.492	1.1	0.0	43.68	0.777	0.0	40.432	0.983
9	12004	12005	SN	1	0.0	42.4	0.504	0.0	42.485	0.613	0.0	38.635	0.673	0.0	38.188	0.885	0.0	42.447	0.488	0.0	38.908	0.518	0.0	39.267	0.628	0.0	36.687	0.681
10	12004	12005	SN	1	0.034	48.087	1.924	0.0	53.401	2.061	0.0	43.301	1.946	0.0	41.41	2.412	0.498	48.623	1.873	0.0	54.151	1.824	0.0	42.581	1.788	0.0	40.028	2.116
11	12004	12005	SN	1	0.0	48.087	1.922	0.0	53.401	2.061	0.0	43.301	1.945	0.0	41.41	2.412	0.0	48.623	1.871	0.0	54.151	1.824	0.0	42.581	1.786	0.0	40.028	2.116
12	12004	12005	SN	1	0.0	42.4	0.511	0.0	42.485	0.621	0.0	38.635	0.682	0.0	38.188	0.895	0.0	42.447	0.495	0.0	38.908	0.525	0.0	39.267	0.637	0.0	36.687	0.69
13	12004	12005	SN	1	0.0	42.4	0.51	0.0	42.485	0.621	0.0	38.635	0.681	0.0	38.188	0.895	0.0	42.447	0.494	0.0	38.908	0.525	0.0	39.267	0.636	0.0	36.687	0.69
14	12004	12005	NS	1	0.0	41.845	1.1	0.0	42.177	1.483	0.0	40.375	1.065	0.0	38.144	1.45	0.0	43.566	1.079	0.0	40.088	1.357	0.0	37.62	1.002	0.0	36.711	1.191
15	12004	12005	SN	1	0.0	48.087	1.898	0.0	53.401	2.035	0.0	43.301	1.921	0.0	41.41	2.388	0.0	48.623	1.848	0.0	54.151	1.801	0.0	42.581	1.764	0.0	40.028	2.096
16	12004	12005	NS	1	0.0	50.994	3.705	0.0	46.543	4.636	0.0	44.422	3.354	0.0	49.113	4.4	0.0	51.53	3.725	0.0	45.712	4.241	0.0	43.204	3.184	0.0	49.048	3.889
17	12004	12005	NS	1	0.0	51.06	3.695	0.0	46.546	4.626	0.0	44.499	3.39	0.0	49.111	4.386	0.0	51.596	3.736	0.0	45.715	4.241	0.0	43.281	3.241	0.0	49.048	3.889
18	12004	12005	NS	1	0.0	42.62	1.1	0.0	42.173	1.486	0.0	40.375	1.039	0.0	38.149	1.455	0.0	43.566	1.084	0.0	40.088	1.355	0.0	37.62	0.979	0.0	36.656	1.186
19	12005	12006	SN	1	0.0	43.771	2.228	0.0	45.05	2.76	0.0	36.375	2.406	0.0	40.606	3.352	0.0	44.843	2.187	0.0	47.126	2.626	0.0	36.463	2.233	0.0	38.74	2.954
20	12005	12006	NS	1	0.0	41.023	1.037	0.0	52.259	1.323	0.0	38.437	1.227	0.0	42.222	1.542	0.0	42.534	1.057	0.0	51.713	1.276	0.0	36.847	1.184	0.0	38.219	1.482
21	12005	12006	NS	1	0.0	41.023	1.03	0.0	52.259	1.323	0.0	38.437	1.207	0.0	37.201	1.556	0.0	42.534	1.046	0.0	51.713	1.278	0.0	36.062	1.181	0.0	38.219	1.487
22	12005	12006	SN	1	0.0	43.771	2.185	0.0	45.05	2.728	0.0	35.722	2.357	0.0	40.606	3.308	0.0	44.843	2.145	0.0	47.126	2.586	0.0	36.463	2.193	0.0	38.74	2.909
23	12005	12006	SN	1	0.0	43.771	2.185	0.0	45.05	2.728	0.0	35.722	2.357	0.0	40.606	3.308	0.0	44.843	2.145	0.0	47.126	2.586	0.0	36.463	2.193	0.0	38.74	2.909
24	12005	12006	SN	1	0.0	41.763	0.596	0.0	44.088	0.765	0.0	35.216	0.782	0.0	38.149	1.177	0.0	42.015	0.571	0.0	46.077	0.728	0.0	33.522	0.744	0.0	37.073	0.991
25	12005	12006	SN	1	0.0	41.763	0.585	0.0	44.088	0.754	0.0	35.216	0.779	0.0	38.149	1.16	0.0	42.015	0.556	0.0	46.077	0.718	0.0	33.522	0.742	0.0	37.073	0.971
26	12005	12006	NS	1	0.0	44.937	3.078	0.0	42.222	4.616	0.0	38.884	3.773	0.0	43.644	4.635	0.0	44.946	3.22	0.0	44.463	4.606	0.0	39.232	3.851	0.0	42.458	4.45
27	12005	12006	SN	1	0.0	41.763	0.585	0.0	44.088	0.754	0.0	35.216	0.781	0.0	38.149	1.162	0.0	42.015	0.556	0.0	46.077	0.718	0.0	33.522	0.742	0.0	37.073	0.971
28	12006	12007	NS	1	0.0	43.316	4.76	0.0	54.536	6.389	0.0	48.715	3.808	0.0	48.02	5.504	0.0	43.741	4.73	0.0	54.972	5.942	0.0	49.739	3.78	0.0	49.184	5.042
29	12006	12007	SN	1	0.0	41.149	3.158	0.0	41.187	3.78	0.0	37.676	3.82	0.0	41.382	4.899	0.0	39.783	3.158	0.0	40.448	3.422	0.0	37.706	3.756	0.0	38.39	4.484
30	12006	12007	SN	1	0.0	38.398	0.85	0.0	44.216	1.171	0.0	47.241	1.289	0.0	39.309	1.826	0.0	38.932	0.814	0.0	44.171	1.085	0.0	46.799	1.186	0.0	38.219	1.532
31	12006	12007	SN	1	0.0	38.398	0.85	0.0	44.216	1.171	0.0	47.241	1.289	0.0	39.309	1.826	0.0	38.932	0.814	0.0	44.171	1.085	0.0	46.799	1.186	0.0	38.219	1.532

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

32	12006	12007	NS	1	0.0	44.377	1.036	0.0	49.198	1.58	0.0	42.1	0.927	0.0	42.925	1.493	0.0	45.524	1.045	0.0	50.486	1.462	0.0	42.723	0.891	0.0	40.361	1.269
33	12006	12007	NS	1	0.0	45.654	1.043	0.0	48.348	1.559	0.0	40.709	0.918	0.0	46.532	1.516	0.0	45.34	1.05	0.0	49.019	1.433	0.0	41.333	0.87	0.0	44.201	1.322
34	12006	12007	NS	1	0.0	43.09	4.75	0.0	56.877	6.348	0.0	45.788	3.787	0.0	45.499	5.567	0.0	44.404	4.689	0.0	57.311	5.912	0.0	46.812	3.702	0.0	44.345	5.027
35	12007	12008	SN	1	0.0	49.397	2.159	0.0	42.276	2.618	0.0	36.826	2.864	0.0	36.497	3.735	0.0	49.265	2.043	0.0	42.751	2.312	0.0	35.468	2.605	0.0	38.366	3.04
36	12007	12008	SN	1	0.0	49.397	2.082	0.0	42.276	2.514	0.0	36.826	2.79	0.0	36.497	3.637	0.0	49.265	1.971	0.0	42.751	2.229	0.0	35.468	2.534	0.0	38.366	2.938
37	12007	12008	NS	1	0.0	53.153	2.77	0.0	47.751	3.89	0.0	41.817	2.495	0.0	44.252	3.316	0.0	52.891	2.72	0.0	49.474	3.504	0.0	43.943	2.375	0.0	44.904	2.732
38	12007	12008	NS	1	0.0	53.153	2.77	0.0	48.732	3.9	0.0	44.628	2.453	0.0	44.252	3.309	0.0	52.891	2.71	0.0	50.457	3.524	0.0	45.573	2.361	0.0	44.997	2.747
39	12007	12008	NS	1	0.0	40.041	0.583	0.0	39.048	0.835	0.0	42.108	0.647	0.0	44.391	0.942	0.0	40.253	0.556	0.0	38.329	0.735	0.0	44.93	0.587	0.0	44.26	0.757
40	12007	12008	SN	1	0.0	39.789	0.61	0.0	43.166	0.843	0.0	47.634	0.976	0.0	37.747	1.381	0.0	39.84	0.561	0.0	42.715	0.697	0.0	45.615	0.881	0.0	35.384	1.088
41	12007	12008	NS	1	0.0	43.01	0.601	0.0	39.048	0.851	0.0	41.812	0.653	0.0	43.621	0.949	0.0	42.96	0.57	0.0	38.329	0.733	0.0	44.634	0.594	0.0	43.489	0.766
42	12007	12008	SN	1	0.0	39.789	0.59	0.0	43.166	0.814	0.0	47.634	0.952	0.0	40.278	1.335	0.0	39.84	0.538	0.0	42.715	0.673	0.0	45.615	0.851	0.0	35.384	1.049
43	12008	12009	NS	1	0.0	47.709	3.867	0.0	54.728	5.131	0.0	47.51	4.836	0.0	45.881	5.991	0.0	48.522	3.898	0.0	56.468	4.553	0.0	48.666	4.588	0.0	47.325	5.259
44	12008	12009	SN	1	0.0	49.325	0.86	0.0	47.3	1.101	0.0	39.264	0.987	0.0	38.687	1.263	0.0	49.388	0.832	0.0	46.768	1.007	0.0	39.039	0.957	0.0	36.305	1.073
45	12008	12009	NS	1	0.0	51.077	3.857	0.0	54.728	5.121	0.0	46.922	4.9	0.0	50.199	5.976	0.0	50.187	3.898	0.0	56.395	4.513	0.0	48.08	4.666	0.0	47.679	5.223
46	12008	12009	SN	1	0.0	47.236	3.321	0.0	47.318	3.798	0.0	41.139	3.294	0.0	43.379	3.924	0.0	46.616	3.504	0.0	45.081	3.655	0.0	39.644	3.073	0.0	43.191	3.631
47	12008	12009	NS	1	0.0	52.417	1.097	0.0	46.882	1.485	0.0	42.555	1.46	0.0	37.128	2.058	0.0	51.108	1.055	0.0	48.978	1.321	0.0	42.134	1.38	0.0	38.455	1.677
48	12008	12009	NS	1	0.0	52.417	1.093	0.0	46.88	1.481	0.0	41.41	1.46	0.0	36.679	2.081	0.0	51.109	1.048	0.0	48.977	1.334	0.0	40.99	1.375	0.0	37.754	1.693
49	12008	12009	SN	1	0.0	49.583	0.859	0.0	47.3	1.087	0.0	42.943	0.964	0.0	39.289	1.254	0.0	49.647	0.848	0.0	46.768	0.981	0.0	43.372	0.957	0.0	36.835	1.06
50	12008	12009	SN	1	0.0	49.325	0.848	0.0	47.3	1.085	0.0	39.264	0.978	0.0	38.687	1.244	0.0	49.388	0.821	0.0	46.768	0.992	0.0	39.039	0.945	0.0	36.305	1.06
51	12008	12009	SN	1	0.0	50.213	3.422	0.0	47.329	3.829	0.0	38.729	3.294	0.0	43.85	3.945	0.0	50.15	3.554	0.0	45.806	3.605	0.0	41.21	3.087	0.0	43.66	3.603
52	12008	12009	SN	1	0.0	47.236	3.364	0.0	47.318	3.857	0.0	41.139	3.334	0.0	43.379	3.978	0.0	46.616	3.55	0.0	45.081	3.712	0.0	39.644	3.125	0.0	43.191	3.688
53	12009	12010	NS	1	0.0	41.446	3.169	0.0	47.074	4.482	0.0	48.158	3.894	0.0	49.53	4.832	0.0	40.845	3.159	0.0	45.278	4.127	0.0	47.867	3.837	0.0	46.382	4.2
54	12009	12010	SN	1	0.0	53.387	4.561	0.0	54.134	5.135	0.0	45.038	3.301	0.0	47.935	4.159	0.0	53.566	4.625	0.0	52.352	4.793	0.0	44.603	3.301	0.0	50.807	3.71
55	12009	12010	SN	1	0.0	47.897	1.07	0.0	48.874	1.342	0.0	50.516	0.827	0.0	42.123	1.151	0.0	47.86	1.04	0.0	46.244	1.201	0.0	49.721	0.777	0.0	45.503	0.971
56	12009	12010	SN	1	0.0	45.828	1.079	0.0	48.52	1.331	0.0	50.516	0.816	0.0	49.872	1.173	0.0	46.263	1.061	0.0	46.11	1.201	0.0	49.721	0.752	0.0	49.697	0.993
57	12009	12010	NS	1	0.0	37.331	0.838	0.0	43.992	1.316	0.0	39.557	1.193	0.0	42.563	1.722	0.0	38.091	0.874	0.0	42.377	1.1	0.0	37.743	1.136	0.0	39.753	1.385
58	12009	12010	NS	1	0.0	37.561	0.847	0.0	43.901	1.305	0.0	37.77	1.189	0.0	43.038	1.714	0.0	38.08	0.877	0.0	42.285	1.115	0.0	38.418	1.115	0.0	40.029	1.371
59	12009	12010	SN	1	0.0	55.347	4.482	0.0	57.151	5.032	0.0	47.662	3.095	0.0	48.649	4.024	0.0	57.18	4.482	0.0	55.504	4.737	0.0	47.145	3.116	0.0	51.226	3.581
60	12009	12010	SN	1	0.0	53.387	4.441	0.0	54.134	5.022	0.0	45.038	3.195	0.0	49.43	4.066	0.0	53.566	4.512	0.0	52.352	4.676	0.0	44.603	3.195	0.0	50.807	3.588
61	12009	12010	NS	1	0.0	41.449	3.179	0.0	46.566	4.462	0.0	47.963	3.844	0.0	49.216	4.875	0.0	40.529	3.159	0.0	44.77	4.127	0.0	47.673	3.816	0.0	46.697	4.214
62	12009	12010	SN	1	0.0	47.897	1.101	0.0	48.874	1.366	0.0	50.516	0.866	0.0	42.123	1.179	0.0	47.86	1.07	0.0	46.244	1.23	0.0	49.721	0.823	0.0	45.503	1.003
63	12010	12011	SN	1	0.0	47.108	0.923	0.0	56.164	0.948	0.0	42.129	0.754	0.0	47.793	1.052	0.0	47.262	0.912	0.0	53.886	0.864	0.0	44.021	0.715	0.0	42.688	0.92
64	12010	12011	SN	1	0.0	50.751	3.385	0.0	48.528	3.508	0.0	46.011	3.077	0.0	48.119	3.438	0.0	50.941	3.463	0.0	47.271	3.195	0.0	43.696	2.936	0.0	48.634	2.945
65	12010	12011	SN	1	0.0	50.751	3.264	0.0	48.528	3.572	0.0	46.011	2.961	0.0	48.119	3.415	0.0	50.941	3.355	0.0	47.271	3.205	0.0	43.696	2.797	0.0	48.634	2.916
66	12010	12011	SN	1	0.0	50.865	3.253	0.0	47.252	3.602	0.0	45.666	2.989	0.0	48.121	3.436	0.0	51.054	3.335	0.0	47.228	3.216	0.0	44.021	2.797	0.0	48.635	2.973
67	12010	12011	NS	1	0.0	41.673	2.631	0.0	47.445	3.704	0.0	39.178	3.198	0.0	41.918	4.041	0.0	40.937	2.55	0.0	45.061	3.471	0.0	40.649	3.17	0.0	43.01	3.609

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

68	12010	12011	NS	1	0.0	40.782	2.56	0.0	45.618	3.754	0.0	42.682	3.163	0.0	43.526	3.999	0.0	40.045	2.52	0.0	43.235	3.501	0.0	41.837	3.127	0.0	44.932	3.545
69	12010	12011	SN	1	0.0	47.245	0.96	0.0	55.118	0.952	0.0	41.805	0.785	0.0	47.05	1.049	0.0	47.398	0.955	0.0	52.839	0.875	0.0	43.696	0.761	0.0	42.968	0.924
70	12010	12011	SN	1	0.0	47.245	0.912	0.0	55.118	0.93	0.0	41.913	0.745	0.0	47.05	1.045	0.0	47.398	0.909	0.0	52.839	0.842	0.0	43.696	0.719	0.0	42.968	0.909
71	12010	12011	NS	1	0.0	36.747	0.739	0.0	41.921	1.019	0.0	35.969	0.994	0.0	44.297	1.427	0.0	37.662	0.716	0.0	40.911	0.942	0.0	36.483	0.934	0.0	39.761	1.29
72	12010	12011	NS	1	0.0	38.168	0.705	0.0	41.982	1.08	0.0	35.85	1.005	0.0	39.957	1.407	0.0	37.219	0.696	0.0	40.974	0.974	0.0	36.102	0.941	0.0	39.325	1.269
73	12011	12012	SN	1	0.0	45.949	3.553	0.0	49.195	4.446	0.0	40.268	3.237	0.0	39.272	3.593	0.0	47.485	3.553	0.0	49.598	4.171	0.0	39.651	3.066	0.0	38.918	3.315
74	12011	12012	SN	1	0.0	45.949	3.553	0.0	49.195	4.446	0.0	40.268	3.237	0.0	39.272	3.593	0.0	47.485	3.553	0.0	49.598	4.171	0.0	39.651	3.066	0.0	38.918	3.315
75	12011	12012	NS	1	0.0	55.561	1.012	0.0	51.845	1.526	0.0	43.7	0.986	0.0	42.474	1.51	0.0	55.164	1.003	0.0	48.972	1.411	0.0	42.319	0.984	0.0	41.508	1.402
76	12011	12012	NS	1	0.0	55.561	1.003	0.0	51.845	1.528	0.0	43.7	1.0	0.0	42.474	1.526	0.0	55.164	1.003	0.0	48.972	1.425	0.0	42.414	0.989	0.0	41.508	1.434
77	12011	12012	SN	1	0.0	38.299	0.907	0.0	50.848	1.245	0.0	39.393	0.907	0.0	41.967	1.159	0.0	38.389	0.891	0.0	48.705	1.15	0.0	37.115	0.861	0.0	42.157	0.967
78	12011	12012	NS	1	0.0	52.949	3.37	0.0	50.553	4.817	0.0	45.629	3.617	0.0	44.697	4.566	0.0	54.124	3.391	0.0	50.998	4.412	0.0	45.322	3.524	0.0	42.151	4.126
79	12011	12012	NS	1	0.0	52.949	3.37	0.0	50.553	4.766	0.0	44.866	3.609	0.0	47.102	4.63	0.0	54.124	3.381	0.0	50.998	4.351	0.0	44.579	3.446	0.0	45.636	4.134
80	12011	12012	SN	1	0.0	38.299	0.907	0.0	50.848	1.245	0.0	39.393	0.907	0.0	41.967	1.159	0.0	38.389	0.891	0.0	48.705	1.15	0.0	37.115	0.861	0.0	42.157	0.967
81	12012	12013	SN	1	0.0	45.93	5.982	0.0	49.436	6.6	0.0	38.683	4.933	0.0	44.869	5.435	0.0	47.074	6.125	0.0	47.15	6.478	0.0	39.916	5.14	0.0	47.145	5.428
82	12012	12013	NS	1	0.0	45.817	1.416	0.0	41.381	2.025	0.0	43.452	1.922	0.0	43.675	2.787	0.0	48.032	1.376	0.0	43.189	1.843	0.0	42.228	1.758	0.0	40.728	2.319
83	12012	12013	NS	1	0.0	45.898	1.457	0.0	41.412	2.015	0.0	42.069	1.886	0.0	43.868	2.802	0.0	48.108	1.386	0.0	43.207	1.843	0.0	42.408	1.751	0.0	40.494	2.319
84	12012	12013	SN	1	0.0	42.069	1.407	0.0	49.881	1.679	0.0	36.045	1.415	0.0	42.397	1.721	0.0	42.655	1.436	0.0	51.503	1.584	0.0	35.096	1.445	0.0	39.288	1.638
85	12012	12013	NS	1	0.0	39.549	0.455	0.0	41.576	0.67	0.0	39.793	0.614	0.0	37.798	0.859	0.0	39.215	0.457	0.0	39.046	0.598	0.0	40.973	0.525	0.0	37.627	0.683
86	12012	12013	NS	1	0.0	39.914	0.455	0.0	41.576	0.661	0.0	39.795	0.612	0.0	36.234	0.845	0.0	39.58	0.444	0.0	39.046	0.591	0.0	40.973	0.524	0.0	37.923	0.682
87	12013	12014	SN	1	0.0	44.495	1.0	0.0	50.906	1.307	0.0	42.81	0.959	0.0	39.696	1.302	0.0	43.385	0.984	0.0	50.033	1.227	0.0	42.359	0.895	0.0	38.783	1.136
88	12013	12014	NS	1	0.0	38.378	0.717	0.0	40.143	1.186	0.0	37.181	0.813	0.0	39.529	1.418	0.0	38.518	0.701	0.0	39.041	1.096	0.0	35.544	0.747	0.0	36.871	1.076
89	12013	12014	SN	1	0.0	44.438	1.011	0.0	44.834	1.32	0.0	46.798	0.965	0.0	37.889	1.302	0.0	43.328	1.004	0.0	46.841	1.236	0.0	43.616	0.904	0.0	37.968	1.145
90	12013	12014	SN	1	0.0	50.542	3.972	0.0	50.916	4.53	0.0	47.477	3.544	0.0	42.767	4.301	0.0	50.082	4.033	0.0	52.603	4.397	0.0	47.121	3.423	0.0	41.126	3.909
91	12013	12014	SN	1	0.0	57.37	3.961	0.0	46.512	4.55	0.0	48.302	3.63	0.0	41.542	4.28	0.0	56.912	4.012	0.0	45.259	4.397	0.0	47.348	3.487	0.0	40.864	3.894
92	12013	12014	NS	1	0.0	46.424	2.747	0.0	47.335	4.099	0.0	39.752	2.653	0.0	42.754	4.36	0.0	46.663	2.624	0.0	48.229	3.933	0.0	39.041	2.466	0.0	39.851	3.685
93	12013	12014	NS	1	0.0	43.531	2.801	0.0	47.335	4.026	0.0	39.752	2.736	0.0	44.102	4.26	0.0	43.802	2.69	0.0	48.229	3.874	0.0	39.041	2.552	0.0	43.291	3.598
94	12013	12014	NS	1	0.0	39.377	0.748	0.0	40.143	1.166	0.0	37.181	0.838	0.0	39.529	1.414	0.0	39.073	0.739	0.0	39.041	1.08	0.0	37.044	0.755	0.0	36.871	1.074
95	12014	12015	SN	1	0.0	55.479	3.504	0.0	53.774	4.693	0.0	43.779	2.788	0.0	48.585	3.69	0.0	55.886	3.504	0.0	54.755	4.539	0.0	42.759	2.546	0.0	47.849	3.26
96	12014	12015	NS	1	0.0	45.601	0.524	0.0	40.867	1.013	0.0	37.003	0.815	0.0	41.381	1.379	0.0	47.33	0.515	0.0	41.693	0.864	0.0	37.044	0.682	0.0	37.507	1.002
97	12014	12015	SN	1	0.0	43.392	0.739	0.0	42.533	1.083	0.0	41.882	0.7	0.0	41.766	1.047	0.0	43.595	0.708	0.0	41.529	1.014	0.0	39.638	0.68	0.0	41.843	0.89
98	12014	12015	NS	1	0.0	40.892	1.701	0.0	45.366	2.823	0.0	45.392	2.496	0.0	41.24	3.821	0.0	40.458	1.731	0.0	43.946	2.277	0.0	42.157	2.134	0.0	39.69	3.027
99	12014	12015	NS	1	0.0	40.892	1.721	0.0	45.794	2.793	0.0	40.135	2.467	0.0	41.24	3.778	0.0	40.565	1.761	0.0	45.898	2.277	0.0	38.966	2.113	0.0	39.69	3.02
100	12015	12016	NS	1	0.0	42.986	3.256	0.0	42.64	3.961	0.0	39.51	3.509	0.0	44.8	4.391	0.0	43.552	3.266	0.0	40.796	3.585	0.0	38.788	3.303	0.0	41.486	3.736
101	12015	12016	NS	1	0.0	45.811	0.781	0.0	39.729	1.034	0.0	40.089	1.003	0.0	38.556	1.491	0.0	47.369	0.811	0.0	38.199	0.937	0.0	38.908	0.98	0.0	37.164	1.217
102	12016	12017	SN	1	0.0	42.383	1.04	0.0	43.966	1.64	0.0	39.834	1.303	0.0	41.39	1.943	0.0	41.78	1.06	0.0	47.326	1.51	0.0	40.11	1.291	0.0	38.004	1.87
103	12016	12017	SN	1	0.0	44.504	3.573	0.0	53.184	4.632	0.0	36.249	4.124	0.0	41.933	5.468	0.0	43.909	3.746	0.0	52.339	4.489	0.0	36.685	4.267	0.0	40.877	5.339

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		



104	12016	12017	SN	1	0.0	42.383	1.033	0.0	43.715	1.638	0.0	39.834	1.301	0.0	41.39	1.945	0.0	41.78	1.06	0.0	47.074	1.508	0.0	40.11	1.289	0.0	38.004	1.873
105	12016	12017	SN	1	0.0	44.504	3.573	0.0	53.184	4.632	0.0	36.249	4.124	0.0	41.933	5.468	0.0	43.909	3.746	0.0	52.339	4.489	0.0	36.685	4.267	0.0	40.877	5.339
106	12016	12017	SN	1	0.0	42.383	1.04	0.0	43.966	1.64	0.0	39.834	1.303	0.0	41.39	1.943	0.0	41.78	1.06	0.0	47.326	1.51	0.0	40.11	1.291	0.0	38.004	1.87
107	12017	12018	NS	1	0.0	48.013	3.329	0.0	54.662	4.328	0.0	44.543	3.488	0.0	48.494	4.357	0.0	48.933	3.379	0.0	54.559	3.962	0.0	43.692	3.141	0.0	48.433	3.581
108	12017	12018	NS	1	0.0	44.871	0.987	0.0	53.703	1.335	0.0	44.247	0.923	0.0	49.481	1.313	0.0	46.506	0.996	0.0	54.053	1.177	0.0	43.32	0.849	0.0	44.611	1.077
109	12017	12018	SN	1	0.0	43.509	0.579	0.0	42.253	0.706	0.0	41.891	0.551	0.0	37.519	0.941	0.0	42.681	0.545	0.0	42.002	0.672	0.0	41.867	0.521	0.0	37.034	0.757
110	12017	12018	SN	1	0.0	50.554	2.328	0.0	47.609	3.321	0.0	42.242	2.134	0.0	47.044	3.112	0.0	49.76	2.338	0.0	49.27	2.912	0.0	41.882	2.111	0.0	47.032	2.818
111	12017	12018	SN	1	0.0	43.509	0.579	0.0	42.253	0.706	0.0	41.891	0.551	0.0	37.519	0.941	0.0	42.681	0.545	0.0	42.002	0.672	0.0	41.867	0.521	0.0	37.034	0.757
112	12017	12018	SN	1	0.0	50.554	2.215	0.0	47.609	3.17	0.0	42.242	2.085	0.0	47.044	2.967	0.0	49.76	2.235	0.0	49.27	2.781	0.0	41.882	2.05	0.0	47.032	2.702
113	12017	12018	SN	1	0.0	50.554	2.215	0.0	47.609	3.17	0.0	42.242	2.085	0.0	47.044	2.967	0.0	49.76	2.235	0.0	49.27	2.781	0.0	41.882	2.05	0.0	47.032	2.702
114	12017	12018	NS	1	0.0	47.991	3.339	0.0	52.832	4.317	0.0	44.745	3.502	0.0	48.444	4.364	0.0	48.941	3.389	0.0	52.536	3.962	0.0	43.615	3.155	0.0	48.451	3.588
115	12017	12018	SN	1	0.0	43.509	0.609	0.0	42.253	0.74	0.0	41.891	0.574	0.0	37.519	0.976	0.0	42.681	0.573	0.0	42.002	0.704	0.0	41.867	0.538	0.0	37.034	0.785
116	12017	12018	NS	1	0.0	44.719	0.993	0.0	49.967	1.331	0.0	39.356	0.923	0.0	48.984	1.31	0.0	46.141	1.002	0.0	51.719	1.175	0.0	40.34	0.851	0.0	44.116	1.079
117	12018	12019	NS	1	0.0	49.216	2.296	0.0	51.444	2.753	0.0	42.159	1.872	0.0	51.045	3.057	0.0	50.685	2.276	0.0	51.412	2.44	0.0	41.089	1.751	0.0	48.49	2.255
118	12018	12019	NS	1	0.0	45.624	2.337	0.0	50.723	2.753	0.0	42.751	1.9	0.0	52.152	3.113	0.0	43.942	2.296	0.0	50.69	2.45	0.0	40.887	1.673	0.0	49.597	2.248
119	12018	12019	SN	1	0.0	40.338	0.722	0.0	40.233	1.138	0.0	48.274	0.741	0.0	38.472	1.086	0.0	40.314	0.713	0.0	38.541	1.029	0.0	47.767	0.7	0.0	35.135	0.94
120	12018	12019	NS	1	0.0	49.371	0.577	0.0	44.263	0.708	0.0	38.117	0.54	0.0	45.356	0.963	0.0	47.977	0.572	0.0	44.911	0.595	0.0	36.525	0.478	0.0	45.775	0.676
121	12018	12019	SN	1	0.0	40.338	0.722	0.0	40.233	1.138	0.0	48.274	0.741	0.0	38.472	1.085	0.0	40.314	0.713	0.0	38.541	1.029	0.0	47.767	0.7	0.0	35.135	0.939
122	12018	12019	NS	1	0.0	53.337	0.559	0.0	46.379	0.735	0.0	42.314	0.571	0.0	44.286	0.944	0.0	54.582	0.554	0.0	44.988	0.606	0.0	40.723	0.479	0.0	46.594	0.703
123	12018	12019	SN	1	0.0	47.241	2.814	0.0	49.73	3.706	0.0	45.712	2.74	0.0	41.723	3.36	0.0	47.576	2.936	0.0	49.779	3.533	0.0	44.811	2.633	0.0	40.965	3.096
124	12018	12019	SN	1	0.0	47.241	2.814	0.0	49.73	3.706	0.0	44.656	2.74	0.0	41.723	3.36	0.0	47.576	2.936	0.0	49.779	3.533	0.0	43.754	2.633	0.0	40.965	3.096
125	12019	12020	SN	1	0.0	44.648	1.912	0.0	40.898	2.185	0.0	37.62	1.988	0.0	37.055	2.707	0.0	44.511	1.912	0.0	41.872	2.03	0.0	39.906	1.801	0.0	36.714	2.235
126	12019	12020	NS	1	0.0	50.035	2.228	0.0	43.37	3.056	0.0	41.246	2.823	0.0	42.696	3.623	0.0	49.038	2.198	0.0	43.94	2.874	0.0	41.434	2.767	0.0	40.429	3.127
127	12019	12020	SN	1	0.0	48.438	2.015	0.0	41.003	2.154	0.0	40.944	1.995	0.0	40.832	2.714	0.0	48.205	1.964	0.0	41.199	2.009	0.0	40.382	1.822	0.0	39.762	2.243
128	12019	12020	SN	1	0.0	40.632	0.545	0.0	42.171	0.756	0.0	43.183	0.626	0.0	40.123	0.937	0.0	40.211	0.554	0.0	39.133	0.719	0.0	40.618	0.566	0.0	39.329	0.842
129	12019	12020	SN	1	0.0	40.562	0.55	0.0	42.171	0.76	0.0	39.348	0.622	0.0	40.138	0.952	0.0	41.023	0.554	0.0	39.135	0.714	0.0	36.785	0.583	0.0	39.249	0.827
130	12019	12020	SN	1	0.0	48.438	1.99	0.0	41.003	2.127	0.0	40.944	1.963	0.0	40.832	2.694	0.0	48.205	1.94	0.0	41.199	1.983	0.0	40.382	1.8	0.0	39.762	2.214
131	12019	12020	NS	1	0.0	46.489	0.73	0.0	40.828	1.043	0.0	40.412	0.87	0.0	44.95	1.241	0.0	44.453	0.766	0.0	39.636	1.007	0.0	38.987	0.833	0.0	40.905	1.064
132	12019	12020	SN	1	0.0	40.632	0.538	0.0	42.171	0.747	0.0	43.183	0.618	0.0	40.123	0.932	0.0	40.211	0.547	0.0	39.133	0.711	0.0	40.618	0.559	0.0	39.329	0.834
133	12020	12021	SN	1	0.0	39.554	2.637	0.0	40.715	3.214	0.0	39.209	3.088	0.0	40.889	4.192	0.0	38.529	2.617	0.0	37.887	2.965	0.0	40.819	2.928	0.0	39.374	3.771
134	12020	12021	SN	1	0.0	39.554	2.589	0.0	40.715	3.157	0.0	43.505	3.03	0.0	40.889	4.138	0.0	38.529	2.569	0.0	37.887	2.912	0.0	41.977	2.859	0.0	39.374	3.739
135	12020	12021	NS	1	0.0	52.183	6.187	0.0	50.622	8.589	0.0	45.842	5.511	0.0	48.282	7.049	0.0	53.52	6.42	0.0	49.749	8.721	0.0	46.547	5.844	0.0	47.005	7.184
136	12020	12021	SN	1	0.0	42.091	0.746	0.0	37.708	1.114	0.0	35.16	0.975	0.0	42.12	1.489	0.0	40.259	0.688	0.0	34.47	1.041	0.0	34.347	0.847	0.0	43.345	1.256
137	12020	12021	NS	1	0.0	48.235	1.798	0.0	51.594	2.58	0.0	39.801	1.595	0.0	40.149	2.364	0.0	49.48	1.848	0.0	50.983	2.648	0.0	41.549	1.641	0.0	39.188	2.341
138	12020	12021	SN	1	0.0	42.091	0.76	0.0	37.708	1.134	0.0	35.16	0.995	0.0	42.12	1.507	0.0	40.259	0.7	0.0	34.47	1.06	0.0	34.347	0.865	0.0	43.345	1.275
139	12021	12022	NS	1	0.0	52.074	0.627	0.0	46.763	0.924	0.0	37.527	0.674	0.0	42.323	1.049	0.0	52.842	0.631	0.0	47.964	0.859	0.0	36.405	0.623	0.0	41.073	0.858

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

140	12021	12022	NS	1	0.0	47.123	3.058	0.0	52.977	3.762	0.0	45.378	2.667	0.0	49.558	3.375	0.0	46.797	3.109	0.0	51.601	3.62	0.0	46.589	2.546	0.0	44.081	2.963
141	12021	12022	SN	1	0.0	39.804	0.972	0.0	37.512	1.101	0.0	41.859	1.049	0.0	37.945	1.689	0.0	40.371	0.918	0.0	38.52	0.973	0.0	39.329	0.965	0.0	36.984	1.351
142	12021	12022	SN	1	0.0	43.161	2.963	0.0	44.841	3.533	0.0	46.331	3.191	0.0	39.56	4.685	0.0	43.891	2.942	0.0	42.157	3.155	0.0	42.686	3.147	0.0	40.434	3.965

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

■ Normal      ■ Deviations  
■ Alarming      ■ High Errors

Sr No	Start Orbit	End Orbit	Dir.	Ver.	Azimuth Angle												Incidence Angle											
					Inner Aft			Inner Fore			Outer Aft			Outer Fore			Inner Aft			Inner Fore			Outer Aft			Outer Fore		
					Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)
1	12003	12004	SN	1	0.0	23.108	4.501	0.0	20.96	6.41	0.0	63.687	0.9	0.0	52.624	1.762	0.0	1.363	0.0	0.0	1.732	0.0	0.0	1.805	0.0	0.0	2.083	0.0
2	12003	12004	SN	1	0.0	23.108	4.499	0.0	20.96	6.41	0.0	63.687	0.9	0.0	52.63	1.763	0.0	1.363	0.0	0.0	1.732	0.0	0.0	1.805	0.0	0.0	2.083	0.0
3	12003	12004	SN	1	0.0	28.468	12.543	0.0	23.577	12.955	0.0	71.083	7.349	0.0	61.856	9.788	0.0	1.377	0.0	0.0	1.733	0.0	0.0	1.777	0.0	0.0	2.086	0.0
4	12003	12004	SN	1	0.0	28.468	12.543	0.0	23.577	12.955	0.0	71.083	7.349	0.0	61.851	9.796	0.0	1.377	0.0	0.0	1.733	0.0	0.0	1.777	0.0	0.0	2.086	0.0
5	12003	12004	NS	1	0.0	23.803	6.959	0.0	24.145	8.829	0.0	355.969	4.402	0.0	129.211	5.44	0.0	1.434	0.0	0.0	1.82	0.0	0.0	1.886	0.0	0.0	2.178	0.0
6	12003	12004	SN	1	0.0	28.468	12.561	0.0	23.345	12.737	0.0	71.083	7.454	0.0	17.003	9.287	0.0	1.377	0.0	0.0	1.733	0.0	0.0	1.777	0.0	0.0	2.086	0.0
7	12003	12004	NS	1	0.0	24.558	10.613	0.0	29.147	15.628	0.0	355.969	13.449	0.0	151.668	15.105	0.0	1.406	0.0	0.0	1.818	0.0	0.0	1.881	0.0	0.0	2.177	0.0
8	12003	12004	SN	1	0.0	23.108	4.495	0.0	18.089	6.368	0.0	63.687	0.922	0.0	11.868	1.636	0.0	1.363	0.0	0.0	1.732	0.0	0.0	1.804	0.0	0.0	2.083	0.0
9	12004	12005	SN	1	0.0	23.13	4.567	0.0	20.877	6.418	0.0	75.622	0.921	0.0	60.136	1.797	0.0	1.354	0.0	0.0	1.731	0.0	0.0	1.808	0.0	0.0	2.083	0.0
10	12004	12005	SN	1	0.711	28.331	12.542	0.0	23.659	12.789	0.0	77.348	7.51	0.0	19.06	9.533	0.004	1.38	0.0	0.0	1.733	0.0	0.0	1.781	0.0	0.0	2.086	0.0
11	12004	12005	SN	1	0.0	28.331	12.528	0.0	23.659	12.789	0.0	77.348	7.512	0.0	19.06	9.533	0.0	1.38	0.0	0.0	1.733	0.0	0.0	1.781	0.0	0.0	2.086	0.0
12	12004	12005	SN	1	0.0	23.13	4.569	0.0	19.639	6.392	0.0	75.622	0.934	0.0	12.116	1.678	0.0	1.354	0.0	0.0	1.731	0.0	0.0	1.808	0.0	0.0	2.083	0.0
13	12004	12005	SN	1	0.0	23.13	4.571	0.0	19.639	6.392	0.0	75.622	0.933	0.0	12.116	1.678	0.0	1.354	0.0	0.0	1.731	0.0	0.0	1.808	0.0	0.0	2.083	0.0
14	12004	12005	NS	1	0.0	23.83	6.943	0.0	23.555	8.834	0.0	137.757	4.391	0.0	127.396	5.466	0.0	1.43	0.0	0.0	1.819	0.0	0.0	1.887	0.0	0.0	2.179	0.0
15	12004	12005	SN	1	0.0	28.331	12.527	0.0	23.659	12.911	0.0	77.348	7.448	0.0	63.775	9.838	0.0	1.38	0.0	0.0	1.733	0.0	0.0	1.781	0.0	0.0	2.086	0.0
16	12004	12005	NS	1	0.0	24.58	10.761	0.0	29.119	15.694	0.0	171.575	13.453	0.0	70.184	15.22	0.0	1.409	0.0	0.0	1.82	0.0	0.0	1.873	0.0	0.0	2.177	0.0
17	12004	12005	NS	1	0.0	24.58	10.751	0.0	29.119	15.694	0.0	171.575	13.453	0.0	70.184	15.206	0.0	1.409	0.0	0.0	1.82	0.0	0.0	1.873	0.0	0.0	2.177	0.0
18	12004	12005	NS	1	0.0	23.83	6.943	0.0	23.555	8.839	0.0	137.795	4.389	0.0	127.38	5.461	0.0	1.43	0.0	0.0	1.819	0.0	0.0	1.887	0.0	0.0	2.18	0.0
19	12005	12006	SN	1	0.0	28.843	12.514	0.0	23.373	12.726	0.0	75.208	7.558	0.0	270.15	9.442	0.0	1.374	0.0	0.0	1.734	0.0	0.0	1.781	0.0	0.0	2.086	0.0
20	12005	12006	NS	1	0.0	23.808	6.931	0.0	23.549	8.838	0.0	143.845	4.346	0.0	112.219	5.471	0.0	1.432	0.0	0.0	1.818	0.0	0.0	1.887	0.0	0.0	2.179	0.0
21	12005	12006	NS	1	0.0	23.808	6.931	0.0	23.549	8.838	0.0	143.845	4.346	0.0	112.219	5.471	0.0	1.432	0.0	0.0	1.818	0.0	0.0	1.887	0.0	0.0	2.179	0.0
22	12005	12006	SN	1	0.0	28.843	12.491	0.0	23.659	12.898	0.0	75.208	7.49	0.0	283.016	9.795	0.0	1.374	0.0	0.0	1.734	0.0	0.0	1.781	0.0	0.0	2.086	0.0
23	12005	12006	SN	1	0.0	28.843	12.491	0.0	23.659	12.898	0.0	75.208	7.49	0.0	283.016	9.795	0.0	1.374	0.0	0.0	1.734	0.0	0.0	1.781	0.0	0.0	2.086	0.0
24	12005	12006	SN	1	0.0	23.13	4.568	0.0	19.374	6.369	0.0	73.19	0.96	0.0	205.426	1.643	0.0	1.359	0.0	0.0	1.732	0.0	0.0	1.806	0.0	0.0	2.084	0.0
25	12005	12006	SN	1	0.0	23.13	4.569	0.0	20.839	6.396	0.0	73.19	0.948	0.0	205.426	1.77	0.0	1.359	0.0	0.0	1.732	0.0	0.0	1.806	0.0	0.0	2.084	0.0
26	12005	12006	NS	1	0.0	24.597	10.651	0.0	29.097	15.715	0.0	219.321	13.375	0.0	70.046	15.227	0.0	1.408	0.0	0.0	1.82	0.0	0.0	1.872	0.0	0.0	2.177	0.0
27	12005	12006	SN	1	0.0	23.13	4.569	0.0	20.839	6.396	0.0	73.19	0.948	0.0	205.426	1.77	0.0	1.359	0.0	0.0	1.732	0.0	0.0	1.806	0.0	0.0	2.084	0.0
28	12006	12007	NS	1	0.0	261.513	10.563	0.0	29.108	15.602	0.0	205.977	13.31	0.0	60.56	15.288	0.0	1.397	0.0	0.0	1.82	0.0	0.0	1.866	0.0	0.0	2.176	0.0
29	12006	12007	SN	1	0.0	28.281	12.642	0.0	23.714	12.984	0.0	79.659	7.42	0.0	58.073	9.87	0.0	1.382	0.0	0.0	1.733	0.0	0.0	1.788	0.0	0.0	2.082	0.0
30	12006	12007	SN	1	0.0	23.124	4.588	0.0	20.808	6.412	0.0	73.201	0.959	0.0	169.258	1.803	0.0	1.357	0.0	0.0	1.732	0.0	0.0	1.8	0.0	0.0	2.085	0.0
31	12006	12007	SN	1	0.0	23.124	4.588	0.0	20.808	6.412	0.0	73.201	0.959	0.0	169.258	1.803	0.0	1.357	0.0	0.0	1.732	0.0	0.0	1.8	0.0	0.0	2.085	0.0

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

32	12006	12007	NS	1	0.0	154.205	6.909	0.0	23.919	8.813	0.0	347.861	4.317	0.0	131.853	5.431	0.0	1.436	0.0	0.0	1.818	0.0	0.0	1.884	0.0	0.0	2.178	0.0
33	12006	12007	NS	1	0.0	255.003	6.907	0.0	23.924	8.811	0.0	347.861	4.317	0.0	131.886	5.436	0.0	1.436	0.0	0.0	1.819	0.0	0.0	1.885	0.0	0.0	2.178	0.0
34	12006	12007	NS	1	0.0	194.732	10.563	0.0	29.114	15.592	0.0	178.678	13.31	0.0	60.577	15.28	0.0	1.397	0.0	0.0	1.82	0.0	0.0	1.866	0.0	0.0	2.176	0.0
35	12007	12008	SN	1	0.0	28.286	12.617	0.0	23.422	12.624	0.0	76.537	7.646	0.0	62.328	9.15	0.0	1.385	0.0	0.0	1.733	0.0	0.0	1.788	0.0	0.0	2.081	0.0
36	12007	12008	SN	1	0.0	28.286	12.595	0.0	23.714	12.917	0.0	76.537	7.501	0.0	65.485	9.855	0.0	1.385	0.0	0.0	1.733	0.0	0.0	1.788	0.0	0.0	2.081	0.0
37	12007	12008	NS	1	0.0	207.378	10.698	0.0	29.119	15.771	0.0	163.109	13.37	0.0	146.666	15.341	0.0	1.405	0.0	0.0	1.818	0.0	0.0	1.883	0.0	0.0	2.176	0.0
38	12007	12008	NS	1	0.0	106.911	10.688	0.0	29.114	15.792	0.0	163.131	13.37	0.0	146.699	15.334	0.0	1.406	0.0	0.0	1.818	0.0	0.0	1.883	0.0	0.0	2.176	0.0
39	12007	12008	NS	1	0.0	159.552	6.937	0.0	23.555	8.863	0.0	155.691	4.339	0.0	134.897	5.512	0.0	1.439	0.0	0.0	1.818	0.0	0.0	1.885	0.0	0.0	2.18	0.0
40	12007	12008	SN	1	0.0	23.141	4.569	0.0	19.325	6.325	0.0	62.022	0.991	0.0	77.257	1.617	0.0	1.356	0.0	0.0	1.733	0.0	0.0	1.801	0.0	0.0	2.084	0.0
41	12007	12008	NS	1	0.0	238.411	6.937	0.0	23.555	8.851	0.0	155.653	4.35	0.0	134.864	5.515	0.0	1.437	0.0	0.0	1.818	0.0	0.0	1.885	0.0	0.0	2.178	0.0
42	12007	12008	SN	1	0.0	23.141	4.577	0.0	20.858	6.4	0.0	62.022	0.958	0.0	77.257	1.775	0.0	1.356	0.0	0.0	1.733	0.0	0.0	1.801	0.0	0.0	2.084	0.0
43	12008	12009	NS	1	0.0	107.303	10.741	0.0	29.13	15.678	0.0	148.98	13.409	0.0	63.952	15.3	0.0	1.404	0.0	0.0	1.817	0.0	0.0	1.882	0.0	0.0	2.179	0.0
44	12008	12009	SN	1	0.0	23.113	4.579	0.0	19.325	6.389	0.0	64.581	0.964	0.0	12.094	1.661	0.0	1.354	0.0	0.0	1.731	0.0	0.0	1.81	0.0	0.0	2.083	0.0
45	12008	12009	NS	1	0.0	207.996	10.721	0.0	29.125	15.678	0.0	149.002	13.41	0.0	63.919	15.307	0.0	1.404	0.0	0.0	1.817	0.0	0.0	1.88	0.0	0.0	2.178	0.0
46	12008	12009	SN	1	0.0	28.248	12.654	0.0	23.373	12.931	0.0	73.344	7.491	0.0	65.32	9.81	0.0	1.377	0.0	0.0	1.734	0.0	0.0	1.774	0.0	0.0	2.084	0.0
47	12008	12009	NS	1	0.0	105.797	6.981	0.0	23.56	8.84	0.0	143.36	4.361	0.0	123.9	5.485	0.0	1.438	0.0	0.0	1.819	0.0	0.0	1.886	0.0	0.0	2.179	0.0
48	12008	12009	NS	1	0.0	270.276	6.984	0.0	23.566	8.847	0.0	143.354	4.357	0.0	123.977	5.489	0.0	1.437	0.0	0.0	1.819	0.0	0.0	1.886	0.0	0.0	2.179	0.0
49	12008	12009	SN	1	0.0	23.113	4.573	0.0	20.899	6.413	0.0	64.581	0.948	0.0	64.559	1.809	0.0	1.354	0.0	0.0	1.731	0.0	0.0	1.81	0.0	0.0	2.083	0.0
50	12008	12009	SN	1	0.0	23.113	4.573	0.0	20.899	6.413	0.0	64.581	0.948	0.0	64.559	1.809	0.0	1.354	0.0	0.0	1.731	0.0	0.0	1.81	0.0	0.0	2.083	0.0
51	12008	12009	SN	1	0.0	28.248	12.654	0.0	23.373	12.931	0.0	73.344	7.491	0.0	65.32	9.81	0.0	1.377	0.0	0.0	1.734	0.0	0.0	1.774	0.0	0.0	2.084	0.0
52	12008	12009	SN	1	0.0	28.248	12.652	0.0	23.373	12.77	0.0	73.344	7.565	0.0	17.328	9.456	0.0	1.377	0.0	0.0	1.734	0.0	0.0	1.774	0.0	0.0	2.084	0.0
53	12009	12010	NS	1	0.0	271.892	10.751	0.0	29.13	15.688	0.0	355.897	13.475	0.0	72.754	15.335	0.0	1.406	0.0	0.0	1.818	0.0	0.0	1.884	0.0	0.0	2.178	0.0
54	12009	12010	SN	1	0.0	28.22	12.619	0.0	23.362	12.587	0.0	70.818	7.49	0.0	48.27	8.946	0.0	1.378	0.0	0.0	1.733	0.0	0.0	1.779	0.0	0.0	2.084	0.0
55	12009	12010	SN	1	0.0	23.086	4.536	0.0	20.94	6.378	0.0	63.07	0.957	0.0	209.38	1.793	0.0	1.35	0.0	0.0	1.731	0.0	0.0	1.809	0.0	0.0	2.083	0.0
56	12009	12010	SN	1	0.0	23.086	4.533	0.0	20.94	6.376	0.0	63.07	0.957	0.0	209.38	1.791	0.0	1.35	0.0	0.0	1.731	0.0	0.0	1.809	0.0	0.0	2.083	0.0
57	12009	12010	NS	1	0.0	258.496	6.988	0.0	23.56	8.838	0.0	355.897	4.41	0.0	130.446	5.517	0.0	1.435	0.0	0.0	1.819	0.0	0.0	1.885	0.0	0.0	2.179	0.0
58	12009	12010	NS	1	0.0	257.702	6.986	0.0	23.56	8.847	0.0	355.908	4.41	0.0	130.535	5.515	0.0	1.438	0.0	0.0	1.819	0.0	0.0	1.886	0.0	0.0	2.18	0.0
59	12009	12010	SN	1	0.0	28.22	12.602	0.0	23.494	12.957	0.0	70.818	7.307	0.0	62.253	9.774	0.0	1.378	0.0	0.0	1.733	0.0	0.0	1.779	0.0	0.0	2.084	0.0
60	12009	12010	SN	1	0.0	28.22	12.602	0.0	23.494	12.957	0.0	70.818	7.308	0.0	62.292	9.774	0.0	1.378	0.0	0.0	1.733	0.0	0.0	1.779	0.0	0.0	2.084	0.0
61	12009	12010	NS	1	0.0	212.512	10.761	0.0	29.13	15.698	0.0	355.908	13.468	0.0	72.815	15.328	0.0	1.407	0.0	0.0	1.818	0.0	0.0	1.885	0.0	0.0	2.179	0.0
62	12009	12010	SN	1	0.0	23.086	4.532	0.0	19.325	6.28	0.0	63.07	1.0	0.0	209.38	1.596	0.0	1.35	0.0	0.0	1.731	0.0	0.0	1.81	0.0	0.0	2.083	0.0
63	12010	12011	SN	1	0.0	23.075	4.519	0.0	20.833	6.388	0.0	74.37	0.932	0.0	136.036	1.806	0.0	1.349	0.0	0.0	1.73	0.0	0.0	1.802	0.0	0.0	2.083	0.0
64	12010	12011	SN	1	0.0	28.182	12.624	0.0	23.488	12.366	0.0	76.173	7.586	0.0	129.842	8.545	0.0	1.396	0.0	0.0	1.732	0.0	0.0	1.778	0.0	0.0	2.085	0.0
65	12010	12011	SN	1	0.0	28.182	12.505	0.0	23.659	12.913	0.0	76.173	7.246	0.0	129.842	9.795	0.0	1.396	0.0	0.0	1.732	0.0	0.0	1.781	0.0	0.0	2.085	0.0
66	12010	12011	SN	1	0.0	28.187	12.505	0.0	23.659	12.913	0.0	76.228	7.274	0.0	64.366	9.823	0.0	1.367	0.0	0.0	1.731	0.0	0.0	1.781	0.0	0.0	2.084	0.0
67	12010	12011	NS	1	0.0	58.87	10.697	0.0	29.136	15.766	0.0	150.783	13.346	0.0	133.231	15.372	0.0	1.394	0.0	0.0	1.819	0.0	0.0	1.883	0.0	0.0	2.179	0.0
68	12010	12011	NS	1	0.0	124.256	10.718	0.0	29.141	15.786	0.0	187.96	13.353	0.0	133.16	15.386	0.0	1.392	0.0	0.0	1.817	0.0	0.0	1.882	0.0	0.0	2.178	0.0

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



69	12010	12011	SN	1	0.0	23.069	4.559	0.0	18.1	6.268	0.0	74.32	1.018	0.0	175.129	1.527	0.0	1.35	0.0	0.0	1.731	0.0	0.0	1.787	0.0	0.0	2.084	0.0
70	12010	12011	SN	1	0.0	23.069	4.519	0.0	20.833	6.379	0.0	74.32	0.934	0.0	175.129	1.794	0.0	1.35	0.0	0.0	1.731	0.0	0.0	1.803	0.0	0.0	2.084	0.0
71	12010	12011	NS	1	0.0	206.675	7.041	0.0	23.566	8.88	0.0	151.776	4.45	0.0	117.574	5.547	0.0	1.407	0.0	0.0	1.82	0.0	0.0	1.888	0.0	0.0	2.18	0.0
72	12010	12011	NS	1	0.0	120.638	7.038	0.0	23.566	8.871	0.0	208.04	4.452	0.0	111.717	5.533	0.0	1.438	0.0	0.0	1.819	0.0	0.0	1.888	0.0	0.0	2.18	0.0
73	12011	12012	SN	1	0.0	28.231	12.467	0.0	235.896	12.879	0.0	75.726	7.498	0.0	47.01	9.888	0.0	1.37	0.0	0.0	1.732	0.0	0.0	1.78	0.0	0.0	2.083	0.0
74	12011	12012	SN	1	0.0	28.231	12.467	0.0	235.896	12.879	0.0	75.726	7.498	0.0	47.01	9.888	0.0	1.37	0.0	0.0	1.732	0.0	0.0	1.78	0.0	0.0	2.083	0.0
75	12011	12012	NS	1	0.0	167.686	7.031	0.0	23.56	8.857	0.0	350.189	4.444	0.0	115.567	5.523	0.0	1.425	0.0	0.0	1.82	0.0	0.0	1.89	0.0	0.0	2.18	0.0
76	12011	12012	NS	1	0.0	167.686	7.031	0.0	23.56	8.857	0.0	350.189	4.444	0.0	115.567	5.523	0.0	1.425	0.0	0.0	1.82	0.0	0.0	1.89	0.0	0.0	2.18	0.0
77	12011	12012	SN	1	0.0	23.091	4.481	0.0	20.894	6.418	0.0	69.467	0.982	0.0	75.649	1.833	0.0	1.351	0.0	0.0	1.732	0.0	0.0	1.802	0.0	0.0	2.083	0.0
78	12011	12012	NS	1	0.0	24.575	10.678	0.0	29.108	15.726	0.0	247.789	13.374	0.0	138.928	15.357	0.0	1.411	0.0	0.0	1.819	0.0	0.0	1.883	0.0	0.0	2.179	0.0
79	12011	12012	NS	1	0.0	24.575	10.678	0.0	29.108	15.726	0.0	247.789	13.374	0.0	138.928	15.357	0.0	1.411	0.0	0.0	1.819	0.0	0.0	1.883	0.0	0.0	2.179	0.0
80	12011	12012	SN	1	0.0	23.091	4.481	0.0	20.894	6.418	0.0	69.467	0.982	0.0	75.649	1.833	0.0	1.351	0.0	0.0	1.732	0.0	0.0	1.802	0.0	0.0	2.083	0.0
81	12012	12013	SN	1	0.0	28.209	12.534	0.0	23.726	12.874	0.0	78.71	7.461	0.0	114.125	9.8	0.0	1.357	0.0	0.0	1.736	0.0	0.0	1.788	0.0	0.0	2.085	0.0
82	12012	12013	NS	1	0.0	24.492	10.602	0.0	31.502	15.713	0.0	140.696	13.352	0.0	140.197	15.349	0.0	1.411	0.0	0.0	1.821	0.0	0.0	1.864	0.0	0.0	2.177	0.0
83	12012	12013	NS	1	0.0	24.492	10.602	0.0	31.502	15.713	0.0	140.696	13.359	0.0	140.197	15.349	0.0	1.411	0.0	0.0	1.821	0.0	0.0	1.864	0.0	0.0	2.177	0.0
84	12012	12013	SN	1	0.0	23.097	4.479	0.0	20.858	6.35	0.0	64.173	0.972	0.0	112.873	1.787	0.0	1.354	0.0	0.0	1.732	0.0	0.0	1.801	0.0	0.0	2.082	0.0
85	12012	12013	NS	1	0.0	23.825	7.019	0.0	23.555	8.876	0.0	350.205	4.446	0.0	134.147	5.528	0.0	1.431	0.0	0.0	1.819	0.0	0.0	1.89	0.0	0.0	2.179	0.0
86	12012	12013	NS	1	0.0	23.825	7.019	0.0	23.555	8.876	0.0	350.205	4.444	0.0	134.147	5.528	0.0	1.431	0.0	0.0	1.819	0.0	0.0	1.89	0.0	0.0	2.179	0.0
87	12013	12014	SN	1	0.0	23.102	4.497	0.0	20.836	6.361	0.0	44.236	0.973	0.0	232.686	1.835	0.0	1.351	0.0	0.0	1.73	0.0	0.0	1.804	0.0	0.0	2.082	0.0
88	12013	12014	NS	1	0.0	217.578	7.096	0.0	64.498	8.891	0.0	263.198	4.536	0.0	59.738	5.539	0.0	1.435	0.0	0.0	1.82	0.0	0.0	1.891	0.0	0.0	2.18	0.0
89	12013	12014	SN	1	0.0	23.102	4.504	0.0	20.836	6.37	0.0	44.236	0.981	0.0	232.686	1.839	0.0	1.351	0.0	0.0	1.73	0.0	0.0	1.804	0.0	0.0	2.082	0.0
90	12013	12014	SN	1	0.0	28.231	12.616	0.0	23.726	12.938	0.0	74.59	7.423	0.0	184.391	9.9	0.0	1.354	0.0	0.0	1.731	0.0	0.0	1.785	0.0	0.0	2.081	0.0
91	12013	12014	SN	1	0.0	28.231	12.616	0.0	23.726	12.938	0.0	74.59	7.43	0.0	184.391	9.9	0.0	1.354	0.0	0.0	1.731	0.0	0.0	1.785	0.0	0.0	2.081	0.0
92	12013	12014	NS	1	0.0	217.578	10.711	0.0	64.542	15.547	0.0	204.775	13.483	0.0	59.772	15.183	0.0	1.407	0.0	0.0	1.821	0.0	0.0	1.865	0.0	0.0	2.177	0.0
93	12013	12014	NS	1	0.0	217.578	10.708	0.0	64.542	15.758	0.0	204.775	13.305	0.0	147.493	15.481	0.0	1.407	0.0	0.0	1.821	0.0	0.0	1.865	0.0	0.0	2.177	0.0
94	12013	12014	NS	1	0.0	217.578	7.032	0.0	64.498	8.882	0.0	263.198	4.458	0.0	115.076	5.596	0.0	1.435	0.0	0.0	1.82	0.0	0.0	1.891	0.0	0.0	2.18	0.0
95	12014	12015	SN	1	0.0	28.231	12.643	0.0	145.108	12.923	0.0	59.303	7.461	0.0	65.138	9.937	0.0	1.376	0.0	0.0	1.732	0.0	0.0	1.776	0.0	0.0	2.083	0.0
96	12014	12015	NS	1	0.0	253.508	7.094	0.0	23.56	8.837	0.0	241.676	4.455	0.0	125.819	5.52	0.0	1.436	0.0	0.0	1.82	0.0	0.0	1.889	0.0	0.0	2.181	0.0
97	12014	12015	SN	1	0.0	23.108	4.5	0.0	192.228	6.426	0.0	47.688	0.993	0.0	72.737	1.86	0.0	1.352	0.0	0.0	1.73	0.0	0.0	1.809	0.0	0.0	2.082	0.0
98	12014	12015	NS	1	0.0	197.49	10.71	0.0	29.13	15.705	0.0	240.578	13.215	0.0	142.331	15.374	0.0	1.401	0.0	0.0	1.822	0.0	0.0	1.866	0.0	0.0	2.178	0.0
99	12014	12015	NS	1	0.0	197.49	10.71	0.0	29.13	15.685	0.0	240.578	13.201	0.0	142.331	15.367	0.0	1.401	0.0	0.0	1.822	0.0	0.0	1.866	0.0	0.0	2.178	0.0
100	12015	12016	NS	1	0.0	268.832	10.758	0.0	29.114	15.771	0.0	355.842	13.128	0.0	124.832	15.406	0.0	1.4	0.0	0.0	1.823	0.0	0.0	1.866	0.0	0.0	2.18	0.0
101	12015	12016	NS	1	0.0	254.796	7.154	0.0	23.555	8.851	0.0	353.961	4.506	0.0	131.908	5.584	0.0	1.434	0.0	0.0	1.821	0.0	0.0	1.893	0.0	0.0	2.182	0.0
102	12016	12017	SN	1	0.0	23.091	4.488	0.0	20.85	6.402	0.0	71.778	0.999	0.0	246.716	1.847	0.0	1.35	0.0	0.0	1.729	0.0	0.0	1.81	0.0	0.0	2.081	0.0
103	12016	12017	SN	1	0.0	28.22	12.577	0.0	23.67	12.894	0.0	77.453	7.395	0.0	111.136	9.983	0.0	1.369	0.0	0.0	1.731	0.0	0.0	1.783	0.0	0.0	2.082	0.0
104	12016	12017	SN	1	0.0	23.091	4.488	0.0	20.85	6.402	0.0	71.778	0.999	0.0	246.716	1.847	0.0	1.35	0.0	0.0	1.729	0.0	0.0	1.81	0.0	0.0	2.081	0.0
105	12016	12017	SN	1	0.0	28.22	12.577	0.0	23.67	12.894	0.0	77.453	7.395	0.0	111.136	9.983	0.0	1.369	0.0	0.0	1.731	0.0	0.0	1.783	0.0	0.0	2.082	0.0

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

106	12016	12017	SN	1	0.0	23.091	4.488	0.0	20.85	6.402	0.0	71.778	0.999	0.0	246.716	1.847	0.0	1.35	0.0	0.0	1.729	0.0	0.0	1.81	0.0	0.0	2.081	0.0
107	12017	12018	NS	1	0.0	218.424	10.724	0.0	29.114	15.818	0.0	133.218	13.016	0.0	158.099	15.384	0.0	1.406	0.0	0.0	1.82	0.0	0.0	1.884	0.0	0.0	2.181	0.0
108	12017	12018	NS	1	0.0	236.458	7.19	0.0	23.555	8.845	0.0	351.479	4.548	0.0	148.304	5.593	0.0	1.435	0.0	0.0	1.821	0.0	0.0	1.889	0.0	0.0	2.182	0.0
109	12017	12018	SN	1	0.0	23.097	4.462	0.0	20.872	6.388	0.0	67.862	0.951	0.0	182.671	1.843	0.0	1.351	0.0	0.0	1.729	0.0	0.0	1.816	0.0	0.0	2.081	0.0
110	12017	12018	SN	1	0.0	28.226	12.632	0.0	23.351	12.466	0.0	82.196	7.45	0.0	240.716	9.066	0.0	1.397	0.0	0.0	1.731	0.0	0.0	1.785	0.0	0.0	2.083	0.0
111	12017	12018	SN	1	0.0	23.097	4.462	0.0	20.872	6.388	0.0	67.862	0.951	0.0	182.671	1.843	0.0	1.351	0.0	0.0	1.729	0.0	0.0	1.816	0.0	0.0	2.081	0.0
112	12017	12018	SN	1	0.0	28.226	12.608	0.0	23.67	12.863	0.0	82.196	7.26	0.0	240.716	9.954	0.0	1.397	0.0	0.0	1.731	0.0	0.0	1.785	0.0	0.0	2.083	0.0
113	12017	12018	SN	1	0.0	28.226	12.608	0.0	23.67	12.863	0.0	82.196	7.26	0.0	240.716	9.954	0.0	1.397	0.0	0.0	1.731	0.0	0.0	1.785	0.0	0.0	2.083	0.0
114	12017	12018	NS	1	0.0	218.424	10.735	0.0	29.114	15.807	0.0	133.24	13.03	0.0	158.098	15.363	0.0	1.406	0.0	0.0	1.82	0.0	0.0	1.884	0.0	0.0	2.181	0.0
115	12017	12018	SN	1	0.0	23.097	4.456	0.0	18.095	6.28	0.0	67.862	0.998	0.0	182.671	1.635	0.0	1.351	0.0	0.0	1.729	0.0	0.0	1.816	0.0	0.0	2.081	0.0
116	12017	12018	NS	1	0.0	236.458	7.195	0.0	23.555	8.845	0.0	351.479	4.541	0.0	148.298	5.6	0.0	1.436	0.0	0.0	1.821	0.0	0.0	1.89	0.0	0.0	2.182	0.0
117	12018	12019	NS	1	0.0	264.679	10.622	0.0	29.097	15.832	0.0	221.391	13.125	0.0	159.113	15.29	0.0	1.408	0.0	0.0	1.823	0.0	0.0	1.872	0.0	0.0	2.179	0.0
118	12018	12019	NS	1	0.0	264.679	10.642	0.0	29.097	15.832	0.0	221.391	13.146	0.0	159.113	15.297	0.0	1.408	0.0	0.0	1.823	0.0	0.0	1.872	0.0	0.0	2.179	0.0
119	12018	12019	SN	1	0.0	23.097	4.514	0.0	20.841	6.412	0.0	62.033	0.956	0.0	45.775	1.836	0.0	1.352	0.0	0.0	1.73	0.0	0.0	1.796	0.0	0.0	2.081	0.0
120	12018	12019	NS	1	0.0	157.856	7.156	0.0	23.555	8.821	0.0	346.747	4.513	0.0	133.099	5.565	0.0	1.431	0.0	0.0	1.821	0.0	0.0	1.89	0.0	0.0	2.181	0.0
121	12018	12019	SN	1	0.0	23.097	4.516	0.0	20.841	6.412	0.0	62.033	0.959	0.0	45.775	1.836	0.0	1.352	0.0	0.0	1.73	0.0	0.0	1.796	0.0	0.0	2.081	0.0
122	12018	12019	NS	1	0.0	157.856	7.137	0.0	23.555	8.799	0.0	346.747	4.497	0.0	133.099	5.558	0.0	1.431	0.0	0.0	1.821	0.0	0.0	1.89	0.0	0.0	2.181	0.0
123	12018	12019	SN	1	0.0	28.226	12.646	0.0	23.505	12.898	0.0	77.188	7.345	0.0	77.312	9.986	0.0	1.384	0.0	0.0	1.731	0.0	0.0	1.787	0.0	0.0	2.082	0.0
124	12018	12019	SN	1	0.0	28.226	12.646	0.0	23.505	12.898	0.0	77.188	7.352	0.0	77.312	9.986	0.0	1.384	0.0	0.0	1.731	0.0	0.0	1.787	0.0	0.0	2.082	0.0
125	12019	12020	SN	1	0.0	28.242	12.686	0.0	276.018	12.769	0.0	78.688	7.433	0.0	51.634	9.689	0.0	1.377	0.0	0.0	1.733	0.0	0.0	1.777	0.0	0.0	2.082	0.0
126	12019	12020	NS	1	0.0	255.24	10.674	0.0	29.07	15.756	0.0	217.586	13.046	0.0	146.848	15.229	0.0	1.404	0.0	0.0	1.822	0.0	0.0	1.866	0.0	0.0	2.178	0.0
127	12019	12020	SN	1	0.0	28.242	12.686	0.0	276.012	12.78	0.0	78.705	7.426	0.0	136.174	9.682	0.0	1.382	0.0	0.0	1.733	0.0	0.0	1.777	0.0	0.0	2.082	0.0
128	12019	12020	SN	1	0.0	23.108	4.559	0.0	122.601	6.399	0.0	64.112	0.987	0.0	226.821	1.734	0.0	1.351	0.0	0.0	1.731	0.0	0.0	1.812	0.0	0.0	2.082	0.0
129	12019	12020	SN	1	0.0	23.13	4.552	0.0	122.607	6.394	0.0	64.101	0.985	0.0	48.168	1.734	0.0	1.351	0.0	0.0	1.731	0.0	0.0	1.812	0.0	0.0	2.082	0.0
130	12019	12020	SN	1	0.0	28.242	12.684	0.0	276.012	12.923	0.0	78.705	7.376	0.0	136.174	9.973	0.0	1.382	0.0	0.0	1.733	0.0	0.0	1.777	0.0	0.0	2.082	0.0
131	12019	12020	NS	1	0.0	255.24	7.1	0.0	23.549	8.781	0.0	142.902	4.448	0.0	120.028	5.488	0.0	1.436	0.0	0.0	1.821	0.0	0.0	1.89	0.0	0.0	2.181	0.0
132	12019	12020	SN	1	0.0	23.108	4.549	0.0	122.601	6.421	0.0	64.112	0.975	0.0	226.821	1.851	0.0	1.351	0.0	0.0	1.731	0.0	0.0	1.812	0.0	0.0	2.082	0.0
133	12020	12021	SN	1	0.0	28.314	12.69	0.0	23.499	12.742	0.0	76.146	7.459	0.0	16.451	9.547	0.0	1.37	0.0	0.0	1.733	0.0	0.0	1.777	0.0	0.0	2.082	0.0
134	12020	12021	SN	1	0.0	28.314	12.673	0.0	23.499	12.933	0.0	76.146	7.376	0.0	65.91	9.946	0.0	1.37	0.0	0.0	1.733	0.0	0.0	1.777	0.0	0.0	2.082	0.0
135	12020	12021	NS	1	0.0	24.58	10.633	0.0	29.081	15.769	0.0	355.814	13.129	0.0	72.919	15.279	0.0	1.397	0.0	0.0	1.822	0.0	0.0	1.867	0.0	0.0	2.179	0.0
136	12020	12021	SN	1	0.0	23.108	4.564	0.0	20.907	6.413	0.0	67.52	0.971	0.0	48.372	1.838	0.0	1.351	0.0	0.0	1.731	0.0	0.0	1.79	0.0	0.0	2.082	0.0
137	12020	12021	NS	1	0.0	22.882	7.083	0.0	23.538	8.777	0.0	262.15	4.453	0.0	125.665	5.492	0.0	1.423	0.0	0.0	1.821	0.0	0.0	1.891	0.0	0.0	2.18	0.0
138	12020	12021	SN	1	0.0	23.108	4.573	0.0	19.374	6.381	0.0	67.52	0.99	0.0	11.741	1.687	0.0	1.351	0.0	0.0	1.731	0.0	0.0	1.79	0.0	0.0	2.082	0.0
139	12021	12022	NS	1	0.0	57.624	7.083	0.0	23.549	8.791	0.0	354.16	4.448	0.0	134.163	5.517	0.0	1.423	0.0	0.0	1.82	0.0	0.0	1.888	0.0	0.0	2.181	0.0
140	12021	12022	NS	1	0.0	90.84	10.684	0.0	29.356	15.759	0.0	355.98	13.171	0.0	75.208	15.271	0.0	1.404	0.0	0.0	1.821	0.0	0.0	1.867	0.0	0.0	2.178	0.0
141	12021	12022	SN	1	0.0	23.113	4.562	0.0	19.38	6.309	0.0	64.575	1.003	0.0	41.989	1.648	0.0	1.353	0.0	0.0	1.737	0.0	0.0	1.79	0.0	0.0	2.082	0.0
142	12021	12022	SN	1	0.0	28.242	12.649	0.0	132.462	12.632	0.0	70.349	7.519	0.0	238.924	9.282	0.0	1.373	0.0	0.0	1.732	0.0	0.0	1.778	0.0	0.0	2.084	0.0

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