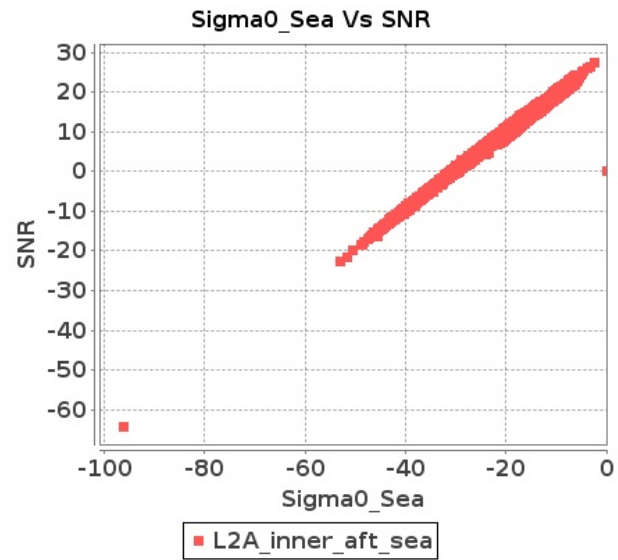


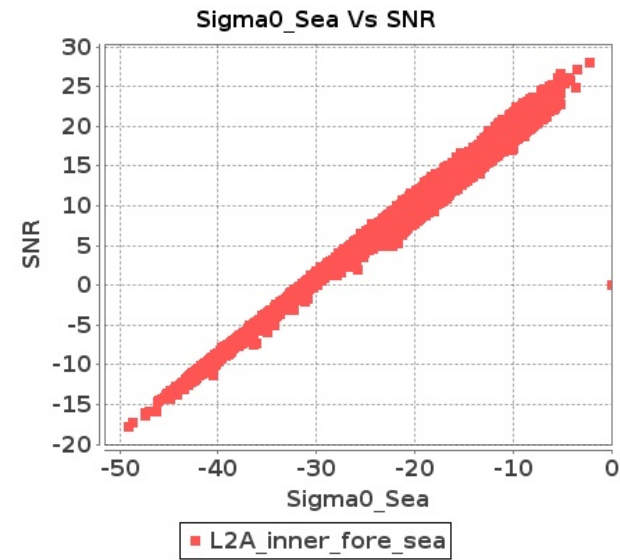
SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

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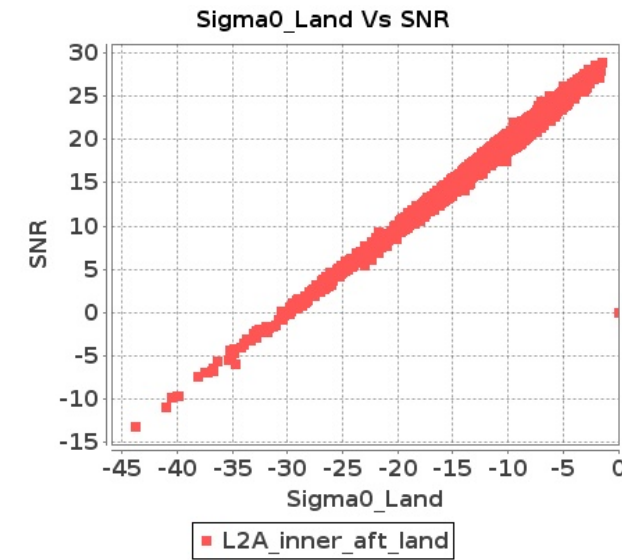
Inner Sea Aft Sigma0VsSNR



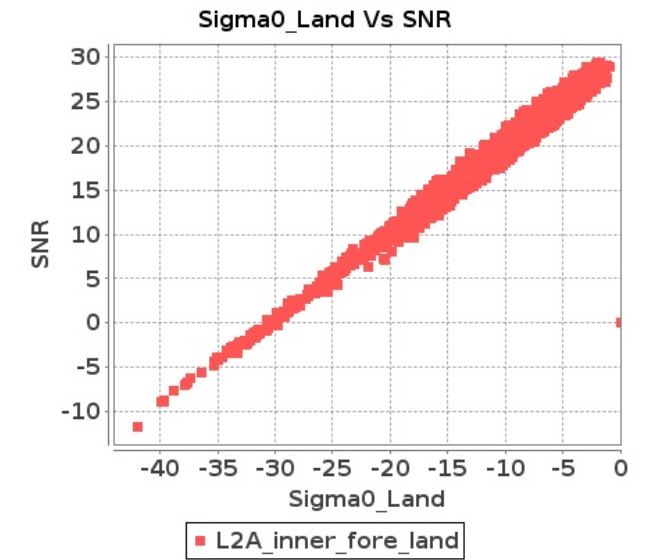
Inner Sea Fore Sigma0VsSNR



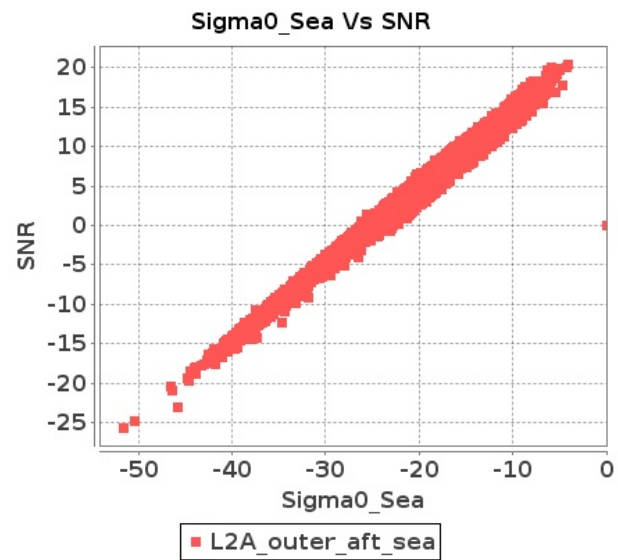
Inner Land Aft Sigma0VsSNR



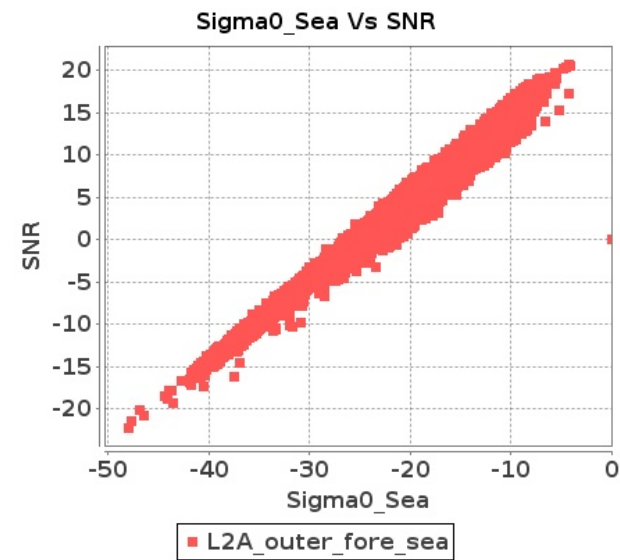
Inner Land Fore Sigma0VsSNR



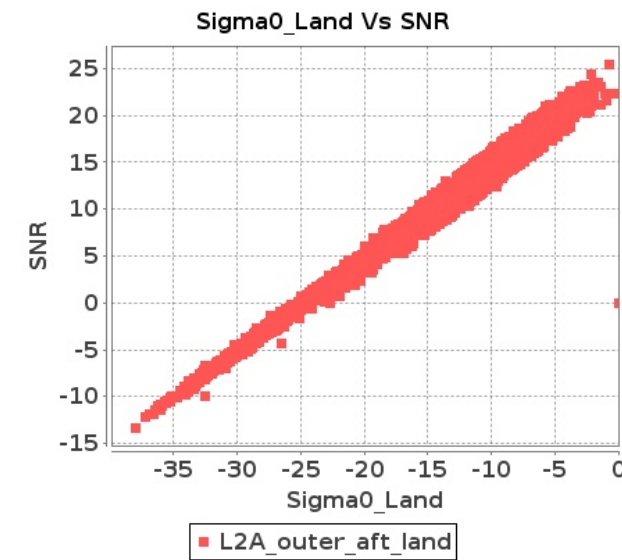
Outer Sea Aft Sigma0VsSNR



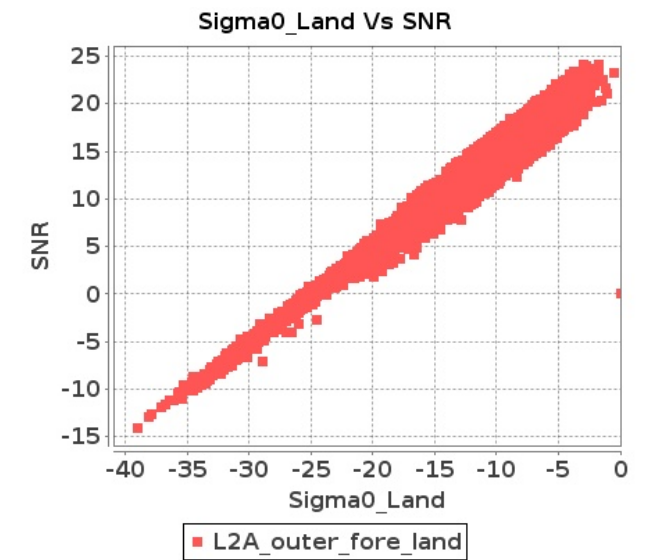
Outer Sea Fore Sigma0VsSNR



Outer Land Aft Sigma0VsSNR



Outer Land Fore Sigma0VsSNR



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

Report between 27-APR-2019 To 28-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	13670	13671	SN	1	0.0	43.093	0.548	0.0	49.323	0.752	0.0	36.899	0.772	0.0	40.729	1.092	0.0	45.801	0.568	0.0	48.898	0.697	0.0	37.945	0.73	0.0	37.455	0.983
2	13670	13671	SN	1	0.0	50.384	1.797	0.0	52.98	2.544	0.0	40.29	2.42	0.0	46.436	3.128	0.0	49.184	1.828	0.0	54.993	2.214	0.0	38.855	2.406	0.0	47.428	2.921
3	13671	13672	NS	1	0.0	50.228	5.862	0.0	56.527	7.079	0.0	43.274	4.511	0.0	46.217	5.886	0.0	48.851	5.902	0.0	56.06	6.836	0.0	42.932	4.284	0.0	49.019	5.289
4	13671	13672	NS	1	0.0	42.068	1.388	0.0	52.603	1.979	0.0	45.245	1.317	0.0	42.323	1.793	0.0	41.388	1.382	0.0	51.389	1.83	0.0	46.291	1.196	0.0	41.356	1.545
5	13671	13672	SN	1	0.0	41.658	3.29	0.0	44.653	3.729	0.0	52.641	3.982	0.0	43.783	4.273	0.0	42.807	3.34	0.0	45.961	3.504	0.0	51.113	4.074	0.0	44.603	4.038
6	13671	13672	SN	1	0.0	44.614	1.015	0.0	44.628	1.192	0.0	49.355	1.12	0.0	45.434	1.342	0.0	44.212	1.05	0.0	45.755	1.146	0.0	45.81	1.077	0.0	40.888	1.197
7	13671	13672	SN	1	0.0	45.03	1.017	0.0	50.657	1.207	0.0	51.76	1.102	0.0	39.0	1.263	0.0	44.293	1.063	0.0	50.933	1.134	0.0	48.216	1.072	0.0	38.931	1.127
8	13671	13672	SN	1	0.0	45.126	3.332	0.0	52.511	3.797	0.0	50.228	4.034	0.0	43.946	4.333	0.0	44.024	3.467	0.0	54.156	3.497	0.0	48.697	4.121	0.0	44.411	4.028
9	13672	13673	SN	1	0.0	38.239	3.367	0.0	45.831	3.841	0.0	40.853	3.857	0.0	40.74	5.417	0.0	38.57	3.478	0.0	44.679	3.696	0.0	41.882	3.97	0.0	38.625	5.163
10	13672	13673	NS	1	0.0	48.107	2.563	0.0	50.782	3.238	0.0	45.799	2.963	0.0	44.609	4.296	0.0	48.854	2.573	0.0	51.032	3.136	0.0	45.817	2.9	0.0	44.22	3.916
11	13672	13673	SN	1	0.0	38.239	3.411	0.0	45.831	3.891	0.0	40.853	3.937	0.0	40.74	5.481	0.0	38.57	3.514	0.0	44.679	3.744	0.0	41.882	4.038	0.0	38.625	5.232
12	13672	13673	NS	1	0.0	38.782	0.856	0.0	43.047	1.037	0.0	41.483	0.912	0.0	38.556	1.438	0.0	38.8	0.856	0.0	39.402	0.992	0.0	41.754	0.944	0.0	39.994	1.266
13	13672	13673	SN	1	0.0	39.407	1.071	0.0	38.222	1.429	0.0	41.74	1.361	0.0	46.158	1.89	0.0	39.864	1.064	0.0	40.652	1.392	0.0	41.337	1.329	0.0	43.335	1.717
14	13672	13673	SN	1	0.0	39.407	1.085	0.0	38.222	1.448	0.0	41.74	1.392	0.0	46.158	1.914	0.0	40.251	1.078	0.0	40.652	1.41	0.0	41.337	1.362	0.0	43.335	1.738
15	13673	13674	NS	1	0.0	43.983	1.197	0.0	44.255	1.614	0.0	37.478	1.083	0.0	44.937	1.599	0.0	45.317	1.17	0.0	43.324	1.492	0.0	37.072	1.023	0.0	40.366	1.388
16	13673	13674	SN	1	0.0	44.642	2.817	0.0	45.726	3.767	0.0	43.922	3.693	0.0	43.576	4.448	0.0	44.901	2.756	0.0	49.941	3.431	0.0	42.149	3.636	0.0	39.408	4.099
17	13673	13674	NS	1	0.0	49.15	3.382	0.0	46.41	4.687	0.0	44.289	3.347	0.0	42.249	4.962	0.0	49.443	3.371	0.0	44.633	4.464	0.0	43.539	3.22	0.0	42.188	4.166
18	13673	13674	SN	1	0.0	42.157	0.812	0.0	39.071	1.192	0.0	38.305	1.203	0.0	35.634	1.537	0.0	40.866	0.805	0.0	38.146	1.101	0.0	39.073	1.085	0.0	36.879	1.345
19	13674	13675	NS	1	0.0	55.053	3.365	0.0	54.871	4.321	0.0	44.4	3.816	0.0	49.116	4.435	0.0	56.75	3.487	0.0	55.664	4.158	0.0	46.496	3.738	0.0	46.448	4.193
20	13674	13675	SN	1	0.0	42.863	0.97	0.0	46.859	1.184	0.0	38.237	1.05	0.0	44.322	1.832	0.0	41.9	0.943	0.0	44.977	1.092	0.0	35.897	0.995	0.0	44.582	1.547
21	13674	13675	NS	1	0.0	51.026	1.085	0.0	54.255	1.375	0.0	43.789	1.123	0.0	43.904	1.385	0.0	52.899	1.085	0.0	54.507	1.32	0.0	47.946	1.08	0.0	44.268	1.246
22	13675	13676	NS	1	0.0	53.54	4.032	0.0	52.579	5.341	0.0	46.899	4.256	0.0	46.651	5.49	0.0	54.719	3.92	0.0	50.493	4.765	0.0	46.996	4.043	0.0	46.419	4.488
23	13675	13676	SN	1	0.0	44.945	4.248	0.0	43.407	4.79	0.0	37.736	4.27	0.0	38.438	5.162	0.0	46.145	4.248	0.0	43.937	4.488	0.0	39.214	4.356	0.0	38.322	4.914
24	13675	13676	NS	1	0.0	46.876	1.091	0.0	48.847	1.552	0.0	40.864	1.253	0.0	44.719	1.837	0.0	46.954	1.073	0.0	48.661	1.29	0.0	39.803	1.214	0.0	44.836	1.498
25	13675	13676	SN	1	0.0	43.027	1.188	0.0	40.782	1.377	0.0	36.642	1.352	0.0	37.027	1.83	0.0	41.557	1.141	0.0	43.485	1.27	0.0	37.275	1.338	0.0	35.67	1.569
26	13676	13677	SN	1	0.0	48.118	4.957	0.0	47.969	6.236	0.0	43.68	4.098	0.0	44.854	5.436	0.0	48.996	5.044	0.0	47.496	5.961	0.0	44.644	4.068	0.0	44.417	5.136
27	13676	13677	SN	1	0.0	44.94	1.321	0.0	55.186	1.687	0.0	38.199	1.126	0.0	39.892	1.467	0.0	45.272	1.312	0.0	54.703	1.648	0.0	40.533	1.11	0.0	41.473	1.339
28	13676	13677	SN	1	0.0	48.118	4.641	0.0	47.969	5.825	0.0	43.68	3.906	0.0	44.854	5.019	0.0	48.996	4.713	0.0	47.496	5.558	0.0	44.644	3.813	0.0	44.417	4.767
29	13676	13677	SN	1	0.0	44.993	1.406	0.0	47.108	1.822	0.0	42.744	1.204	0.0	39.028	1.591	0.0	43.723	1.404	0.0	46.624	1.749	0.0	42.883	1.177	0.0	38.992	1.43
30	13676	13677	NS	1	0.0	42.095	1.561	0.0	43.302	2.125	0.0	41.902	1.786	0.0	39.416	2.123	0.0	43.181	1.57	0.0	43.752	1.96	0.0	44.359	1.768	0.0	40.172	1.974
31	13676	13677	SN	1	0.0	47.68	5.011	0.0	46.989	6.192	0.0	44.28	4.091	0.0	44.789	5.436	0.0	47.741	5.022	0.0	46.241	5.95	0.0	45.244	4.106	0.0	43.822	5.09

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

32	13676	13677	NS	1	0.0	52.323	5.437	0.0	45.404	7.143	0.0	43.567	5.903	0.0	41.738	6.767	0.0	52.315	5.447	0.0	45.453	6.757	0.0	44.65	5.804	0.0	41.17	6.668
33	13676	13677	NS	1	0.0	42.112	1.563	0.0	43.302	2.129	0.0	44.227	1.765	0.0	39.416	2.122	0.0	43.196	1.574	0.0	43.752	1.976	0.0	44.359	1.736	0.0	40.172	1.978
34	13676	13677	SN	1	0.0	44.94	1.416	0.0	55.186	1.819	0.0	38.199	1.215	0.0	39.892	1.555	0.0	45.272	1.411	0.0	54.703	1.768	0.0	40.533	1.177	0.0	41.473	1.455
35	13676	13677	NS	1	0.0	52.323	5.498	0.0	45.404	7.143	0.0	43.927	5.903	0.0	41.786	6.781	0.0	52.315	5.508	0.0	45.454	6.797	0.0	45.011	5.804	0.0	41.17	6.675
36	13677	13678	SN	1	0.0	52.347	6.764	0.0	51.583	7.216	0.0	48.455	4.982	0.0	47.875	5.793	0.0	54.245	6.724	0.0	51.967	6.777	0.0	47.602	4.833	0.0	46.417	5.151
37	13677	13678	NS	1	0.0	47.621	1.219	0.0	50.465	1.645	0.0	46.701	1.34	0.0	48.591	2.104	0.0	47.506	1.226	0.0	52.553	1.582	0.0	46.414	1.315	0.0	47.835	1.92
38	13677	13678	SN	1	0.0	49.207	1.6	0.0	48.973	1.955	0.0	46.2	1.15	0.0	39.866	1.601	0.0	49.744	1.625	0.0	46.475	1.721	0.0	46.116	1.106	0.0	38.091	1.3
39	13677	13678	NS	1	0.0	52.067	4.009	0.0	41.921	5.244	0.0	40.646	4.773	0.0	51.416	6.298	0.0	51.261	4.039	0.0	44.492	5.031	0.0	39.461	4.88	0.0	50.289	6.092
40	13678	13679	SN	1	0.0	51.614	1.196	0.0	48.047	1.792	0.0	41.998	1.261	0.0	45.081	1.874	0.0	52.459	1.194	0.0	48.605	1.757	0.0	39.987	1.241	0.0	48.08	1.693
41	13678	13679	NS	1	0.0	46.818	5.01	0.0	46.395	5.614	0.0	49.608	3.8	0.0	45.623	5.067	0.0	48.783	5.121	0.0	43.262	5.441	0.0	46.694	3.786	0.0	40.788	4.925
42	13678	13679	NS	1	0.0	49.984	1.185	0.0	52.76	1.423	0.0	39.722	1.182	0.0	42.705	1.665	0.0	50.109	1.235	0.0	53.588	1.369	0.0	36.856	1.182	0.0	44.909	1.591
43	13678	13679	SN	1	0.0	50.313	4.924	0.0	54.979	6.562	0.0	44.405	4.196	0.0	44.411	5.875	0.0	51.122	5.097	0.0	55.219	6.562	0.0	43.937	4.189	0.0	44.869	5.567
44	13679	13680	SN	1	0.0	42.465	1.167	0.0	45.228	1.181	0.0	38.087	1.122	0.0	40.57	1.347	0.0	41.806	1.16	0.0	45.34	1.115	0.0	37.772	1.131	0.0	39.306	1.226
45	13679	13680	NS	1	0.0	48.121	4.318	0.0	50.68	5.366	0.0	41.638	4.838	0.0	46.978	6.02	0.0	48.297	4.298	0.0	52.08	5.161	0.0	40.623	4.696	0.0	47.302	5.633
46	13679	13680	NS	1	0.0	46.071	1.275	0.0	47.153	1.767	0.0	41.076	1.491	0.0	44.462	1.958	0.0	44.909	1.268	0.0	48.255	1.689	0.0	39.186	1.424	0.0	47.302	1.704
47	13679	13680	SN	1	0.0	45.644	4.62	0.0	50.205	5.015	0.0	38.434	3.456	0.0	44.0	3.97	0.0	46.462	4.782	0.0	48.249	4.74	0.0	40.248	3.535	0.0	46.898	3.913
48	13680	13681	NS	1	0.0	41.133	0.755	0.0	47.259	1.022	0.0	38.07	1.062	0.0	44.64	1.441	0.0	39.473	0.755	0.0	47.725	0.905	0.0	39.028	0.947	0.0	39.693	1.233
49	13680	13681	SN	1	0.0	48.263	6.75	0.0	49.281	7.525	0.0	48.444	5.59	0.0	48.582	6.501	0.0	49.168	6.811	0.0	51.875	7.258	0.0	50.276	5.783	0.0	45.184	6.243
50	13680	13681	SN	1	0.0	46.313	1.699	0.0	50.921	2.089	0.0	41.979	1.619	0.0	47.617	1.986	0.0	45.351	1.704	0.0	51.037	2.018	0.0	42.291	1.628	0.0	46.619	1.783
51	13680	13681	NS	1	0.0	46.209	2.847	0.0	45.196	3.833	0.0	43.361	3.249	0.0	51.299	3.96	0.0	46.752	2.817	0.0	44.778	3.366	0.0	45.631	2.994	0.0	54.053	3.371
52	13680	13681	NS	1	0.0	40.824	0.784	0.0	47.259	1.013	0.0	40.077	1.091	0.0	44.64	1.446	0.0	39.164	0.768	0.0	47.725	0.898	0.0	39.028	0.977	0.0	39.693	1.265
53	13680	13681	SN	1	0.0	46.313	1.699	0.0	50.921	2.089	0.0	41.979	1.619	0.0	47.617	1.986	0.0	45.351	1.704	0.0	51.037	2.018	0.0	42.291	1.628	0.0	46.619	1.783
54	13680	13681	SN	1	0.0	48.263	6.75	0.0	49.281	7.525	0.0	48.444	5.59	0.0	48.582	6.501	0.0	49.168	6.811	0.0	51.875	7.258	0.0	50.276	5.783	0.0	45.184	6.243
55	13680	13681	NS	1	0.0	46.229	2.806	0.0	45.196	3.833	0.0	41.201	3.278	0.0	51.299	4.031	0.0	46.772	2.786	0.0	44.778	3.366	0.0	43.471	3.008	0.0	54.053	3.378
56	13681	13682	SN	1	0.0	42.379	0.994	0.0	44.614	1.348	0.0	47.248	1.092	0.0	45.65	1.474	0.0	43.205	0.99	0.0	44.959	1.263	0.0	48.058	1.043	0.0	45.867	1.237
57	13681	13682	SN	1	0.0	54.53	4.213	0.0	54.877	5.463	0.0	46.062	4.107	0.0	42.932	5.377	0.0	53.845	4.254	0.0	58.038	5.029	0.0	45.775	3.979	0.0	42.147	4.682
58	13681	13682	NS	1	0.0	40.477	1.922	0.0	43.169	3.08	0.0	38.206	2.644	0.0	39.069	3.663	0.0	41.366	1.902	0.0	44.775	2.731	0.0	36.507	2.559	0.0	39.426	3.303
59	13681	13682	SN	1	0.0	42.379	0.994	0.0	44.614	1.348	0.0	47.248	1.092	0.0	45.65	1.474	0.0	43.205	0.99	0.0	44.959	1.263	0.0	48.058	1.043	0.0	45.867	1.237
60	13681	13682	NS	1	0.0	37.442	0.581	0.0	39.727	0.869	0.0	39.419	0.89	0.0	39.934	1.407	0.0	38.165	0.57	0.0	36.274	0.796	0.0	36.903	0.839	0.0	37.787	1.178
61	13681	13682	NS	1	0.0	44.114	1.922	0.0	43.169	3.07	0.0	37.544	2.602	0.0	40.14	3.67	0.0	45.003	1.892	0.0	44.775	2.741	0.0	36.619	2.496	0.0	39.426	3.274
62	13681	13682	SN	1	0.0	54.53	4.213	0.0	54.877	5.463	0.0	46.062	4.107	0.0	42.932	5.377	0.0	53.845	4.254	0.0	58.038	5.029	0.0	45.775	3.979	0.0	42.147	4.682
63	13681	13682	NS	1	0.0	37.502	0.586	0.0	39.727	0.867	0.0	36.003	0.874	0.0	39.934	1.426	0.0	38.243	0.574	0.0	36.274	0.805	0.0	35.714	0.821	0.0	36.088	1.191
64	13682	13683	NS	1	0.0	48.783	3.201	0.0	47.306	4.819	0.0	42.669	3.922	0.0	47.658	5.396	0.0	49.663	3.09	0.0	46.66	4.54	0.0	45.399	3.752	0.0	50.02	4.86
65	13682	13683	NS	1	0.0	48.783	3.373	0.0	47.306	5.068	0.0	42.669	4.122	0.0	47.658	5.677	0.0	49.663	3.256	0.0	46.66	4.774	0.0	45.399	3.92	0.0	50.02	5.106
66	13682	13683	SN	1	0.0	45.91	4.383	0.0	43.064	5.611	0.0	40.533	4.576	0.0	44.294	5.591	0.0	45.977	4.505	0.0	43.455	5.499	0.0	38.79	4.583	0.0	44.377	5.527
67	13682	13683	SN	1	0.0	39.626	1.143	0.0	46.201	1.595	0.0	36.876	1.484	0.0	39.144	1.884	0.0	40.329	1.141	0.0	44.767	1.604	0.0	36.835	1.45	0.0	36.627	1.834

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
		Range	20.0		

140	13690	13691	SN	1	0.0	46.342	5.542	0.0	51.777	7.523	0.0	45.833	4.558	0.0	45.729	5.735	0.0	48.053	5.531	0.0	50.587	6.969	0.0	45.568	4.49	0.0	43.055	5.454
141	13690	13691	NS	1	0.0	52.6	5.402	0.0	56.394	6.47	0.0	45.714	6.249	0.0	45.109	7.325	0.0	54.02	5.443	0.0	54.743	6.44	0.0	48.283	6.377	0.0	46.553	7.19
142	13690	13691	NS	1	0.0	49.713	1.743	0.0	59.736	2.14	0.0	43.611	1.808	0.0	42.28	2.308	0.0	51.077	1.75	0.0	60.452	2.156	0.0	43.644	1.854	0.0	39.214	2.187
143	13691	13692	NS	1	0.0	44.885	6.58	0.0	51.165	8.596	0.0	42.216	5.602	0.0	47.935	7.474	0.0	45.16	6.439	0.0	51.279	8.22	0.0	42.413	5.645	0.0	45.984	7.017
144	13691	13692	SN	1	0.0	47.677	1.09	0.0	50.095	1.311	0.0	45.271	0.985	0.0	42.558	1.203	0.0	48.286	1.063	0.0	49.784	1.18	0.0	44.44	0.912	0.0	42.799	0.982
145	13691	13692	SN	1	0.0	52.9	4.965	0.0	55.998	5.413	0.0	51.693	3.648	0.0	48.116	4.189	0.0	54.226	4.924	0.0	55.528	4.913	0.0	50.799	3.357	0.0	45.679	3.595
146	13691	13692	NS	1	0.0	44.993	6.57	0.0	49.999	8.596	0.0	42.219	5.539	0.0	47.576	7.495	0.0	45.267	6.479	0.0	50.111	8.25	0.0	42.861	5.553	0.0	45.78	7.031
147	13691	13692	SN	1	0.0	52.9	4.965	0.0	55.998	5.413	0.0	51.693	3.648	0.0	48.116	4.189	0.0	54.226	4.924	0.0	55.528	4.913	0.0	50.799	3.357	0.0	45.679	3.595
148	13691	13692	NS	1	0.0	44.885	6.58	0.0	51.165	8.596	0.0	42.216	5.602	0.0	47.935	7.474	0.0	45.16	6.439	0.0	51.279	8.22	0.0	42.413	5.645	0.0	45.984	7.017
149	13691	13692	SN	1	0.0	47.473	1.067	0.0	50.096	1.302	0.0	48.557	1.003	0.0	42.761	1.185	0.0	48.08	1.047	0.0	49.786	1.173	0.0	48.158	0.92	0.0	43.002	0.968
150	13691	13692	NS	1	0.0	45.859	1.544	0.0	46.139	2.243	0.0	38.152	1.683	0.0	40.19	2.616	0.0	46.854	1.526	0.0	47.312	2.119	0.0	38.877	1.589	0.0	38.714	2.295
151	13691	13692	SN	1	0.0	52.9	5.318	0.0	56.631	5.714	0.0	53.617	3.928	0.0	45.078	4.373	0.0	54.226	5.263	0.0	56.159	5.195	0.0	52.724	3.643	0.0	43.781	3.777
152	13691	13692	NS	1	0.0	45.859	1.553	0.0	46.439	2.264	0.0	38.089	1.665	0.0	38.519	2.588	0.0	46.852	1.533	0.0	47.613	2.128	0.0	38.86	1.579	0.0	38.704	2.284
153	13691	13692	NS	1	0.0	45.859	1.544	0.0	46.139	2.243	0.0	38.152	1.683	0.0	40.19	2.616	0.0	46.854	1.526	0.0	47.312	2.119	0.0	38.877	1.589	0.0	38.714	2.295
154	13691	13692	SN	1	0.0	47.677	1.09	0.0	50.095	1.311	0.0	45.271	0.985	0.0	42.558	1.203	0.0	48.286	1.063	0.0	49.784	1.18	0.0	44.44	0.912	0.0	42.799	0.982
155	13691	13692	SN	1	0.0	52.9	4.955	0.0	56.631	5.382	0.0	53.617	3.648	0.0	45.078	4.153	0.0	54.226	4.894	0.0	56.159	4.892	0.0	52.724	3.371	0.0	43.781	3.573
156	13691	13692	SN	1	0.0	47.473	1.15	0.0	50.096	1.376	0.0	48.557	1.077	0.0	42.761	1.261	0.0	48.08	1.128	0.0	49.786	1.239	0.0	48.158	0.99	0.0	43.002	1.028
157	13692	13693	SN	1	0.0	55.115	1.414	0.0	52.502	2.139	0.0	43.321	1.208	0.0	43.4	1.708	0.0	57.57	1.42	0.0	52.485	2.055	0.0	44.495	1.204	0.0	41.375	1.597
158	13692	13693	NS	1	0.0	47.877	4.614	0.0	49.198	7.098	0.0	48.033	5.066	0.0	49.386	6.384	0.0	47.437	4.759	0.0	48.644	6.922	0.0	48.276	5.197	0.0	49.762	6.595
159	13692	13693	SN	1	0.0	53.314	5.689	0.0	51.523	7.141	0.0	46.442	4.474	0.0	46.04	5.934	0.0	54.289	5.678	0.0	51.825	6.942	0.0	43.686	4.424	0.0	47.744	5.684
160	13692	13693	SN	1	0.0	53.314	6.072	0.0	51.523	7.522	0.0	46.442	4.76	0.0	46.04	6.037	0.0	54.289	6.095	0.0	51.825	7.287	0.0	43.686	4.729	0.0	47.744	5.872
161	13692	13693	NS	1	0.0	47.134	4.656	0.0	49.063	7.119	0.0	44.332	5.008	0.0	49.765	6.297	0.0	46.692	4.781	0.0	48.61	6.828	0.0	45.137	5.11	0.0	50.14	6.508
162	13692	13693	SN	1	0.0	53.314	5.689	0.0	51.523	7.141	0.0	46.442	4.474	0.0	46.04	5.927	0.0	54.289	5.678	0.0	51.825	6.942	0.0	43.686	4.424	0.0	47.744	5.684
163	13692	13693	SN	1	0.0	55.115	1.544	0.0	52.502	2.294	0.0	43.321	1.3	0.0	43.4	1.756	0.0	57.57	1.554	0.0	52.485	2.202	0.0	44.495	1.298	0.0	41.375	1.649
164	13692	13693	SN	1	0.0	53.314	5.689	0.0	51.523	7.141	0.0	46.442	4.474	0.0	46.04	5.934	0.0	54.289	5.678	0.0	51.825	6.942	0.0	43.686	4.424	0.0	47.744	5.684
165	13692	13693	NS	1	0.0	47.351	1.388	0.0	54.411	2.107	0.0	38.246	1.592	0.0	49.66	2.341	0.0	49.296	1.385	0.0	57.845	2.046	0.0	35.044	1.624	0.0	45.362	2.392
166	13692	13693	NS	1	0.0	47.877	4.614	0.0	49.198	7.098	0.0	48.033	5.066	0.0	49.386	6.384	0.0	47.437	4.759	0.0	48.644	6.922	0.0	48.276	5.197	0.0	49.762	6.595
167	13692	13693	NS	1	0.0	47.351	1.388	0.0	54.411	2.107	0.0	38.246	1.592	0.0	49.66	2.341	0.0	49.296	1.385	0.0	57.845	2.046	0.0	35.044	1.624	0.0	45.362	2.392
168	13692	13693	NS	1	0.0	45.03	1.413	0.0	54.778	2.097	0.0	37.204	1.632	0.0	50.124	2.374	0.0	46.975	1.416	0.0	58.211	2.046	0.0	35.182	1.663	0.0	45.6	2.397
169	13692	13693	SN	1	0.0	55.115	1.414	0.0	52.502	2.139	0.0	43.321	1.208	0.0	43.4	1.708	0.0	57.57	1.42	0.0	52.485	2.052	0.0	44.495	1.204	0.0	41.375	1.595
170	13692	13693	SN	1	0.0	55.115	1.414	0.0	52.502	2.137	0.0	43.321	1.206	0.0	43.4	1.706	0.0	57.57	1.42	0.0	52.485	2.05	0.0	44.495	1.202	0.0	41.375	1.601
171	13693	13694	SN	1	0.0	40.72	0.764	0.0	44.744	1.07	0.0	35.508	0.833	0.0	42.133	1.319	0.0	41.193	0.761	0.0	45.155	0.976	0.0	35.353	0.773	0.0	38.704	1.154
172	13693	13694	SN	1	0.0	48.488	3.083	0.0	48.775	4.016	0.0	42.669	2.75	0.0	43.783	3.979	0.0	49.393	3.072	0.0	48.77	3.909	0.0	43.314	2.553	0.0	42.089	3.814
173	13693	13694	NS	1	0.0	45.975	1.59	0.0	60.305	1.953	0.0	46.774	1.476	0.0	48.373	2.017	0.0	45.598	1.558	0.0	61.932	1.783	0.0	44.427	1.353	0.0	45.396	1.659
174	13693	13694	NS	1	0.0	50.398	5.455	0.0	58.105	6.107	0.0	44.486	5.361	0.0	45.398	6.188	0.0	51.771	5.404	0.0	58.856	5.645	0.0	45.815	5.009	0.0	46.969	5.412
175	13693	13694	SN	1	0.0	40.72	0.729	0.0	44.744	1.036	0.0	39.079	0.802	0.0	37.917	1.282	0.0	41.822	0.722	0.0	45.155	0.962	0.0	39.937	0.742	0.0	37.923	1.134

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

212	13697	13698	NS	1	0.0	45.958	1.279	0.0	38.853	1.833	0.0	36.953	1.33	0.0	41.928	1.976	0.0	44.434	1.289	0.0	39.766	1.669	0.0	38.408	1.26	0.0	40.128	1.766
213	13697	13698	NS	1	0.0	45.958	1.198	0.0	38.853	1.716	0.0	36.953	1.243	0.0	41.928	1.853	0.0	44.434	1.209	0.0	39.766	1.562	0.0	38.408	1.17	0.0	40.128	1.655
214	13697	13698	SN	1	0.0	51.651	1.386	0.0	49.116	1.927	0.0	40.876	1.572	0.0	42.443	2.144	0.0	53.082	1.417	0.0	45.919	1.929	0.0	38.447	1.514	0.0	41.51	2.119
215	13698	13699	SN	1	0.0	39.829	1.602	0.0	47.945	2.23	0.0	38.808	1.779	0.0	44.925	2.441	0.0	40.712	1.613	0.0	47.691	2.076	0.0	41.584	1.699	0.0	41.626	2.311
216	13698	13699	SN	1	0.0	39.886	1.595	0.0	47.945	2.235	0.0	38.81	1.771	0.0	40.63	2.441	0.0	40.77	1.604	0.0	47.691	2.074	0.0	41.584	1.702	0.0	41.115	2.309
217	13698	13699	SN	1	0.0	45.265	5.275	0.0	44.603	6.95	0.0	39.803	5.76	0.0	39.1	7.341	0.0	45.757	5.319	0.0	46.666	6.917	0.0	40.275	5.979	0.0	37.625	7.295
218	13698	13699	NS	1	0.0	49.561	3.987	0.0	43.57	5.306	0.0	42.532	3.514	0.0	47.072	5.007	0.0	50.49	3.976	0.0	44.526	4.889	0.0	43.723	3.248	0.0	45.613	4.34
219	13698	13699	NS	1	0.0	49.561	3.745	0.0	43.57	4.619	0.0	42.532	3.474	0.0	47.072	4.423	0.0	50.49	3.745	0.0	44.526	4.211	0.0	43.723	3.24	0.0	45.613	3.809
220	13698	13699	SN	1	0.0	45.265	4.856	0.0	44.603	6.37	0.0	39.803	5.453	0.0	39.1	6.737	0.0	45.757	4.887	0.0	46.666	6.329	0.0	40.275	5.581	0.0	37.674	6.722
221	13698	13699	SN	1	0.0	39.886	1.728	0.0	47.945	2.431	0.0	38.81	1.925	0.0	44.925	2.654	0.0	40.77	1.743	0.0	47.691	2.26	0.0	41.584	1.872	0.0	41.626	2.514
222	13698	13699	NS	1	0.0	49.561	3.755	0.0	43.57	4.619	0.0	42.532	3.467	0.0	47.072	4.423	0.0	50.49	3.755	0.0	44.526	4.211	0.0	43.723	3.233	0.0	45.613	3.809
223	13698	13699	SN	1	0.0	45.265	4.836	0.0	44.603	6.319	0.0	39.803	5.453	0.0	39.244	6.765	0.0	45.757	4.877	0.0	46.666	6.298	0.0	40.275	5.56	0.0	37.649	6.729
224	13698	13699	NS	1	0.0	48.186	1.073	0.0	41.047	1.434	0.0	41.628	1.044	0.0	38.803	1.484	0.0	49.444	1.068	0.0	41.982	1.235	0.0	41.366	0.933	0.0	40.157	1.123
225	13698	13699	NS	1	0.0	48.186	1.073	0.0	41.047	1.432	0.0	41.628	1.044	0.0	38.803	1.484	0.0	49.444	1.068	0.0	41.982	1.233	0.0	41.366	0.936	0.0	40.157	1.125
226	13698	13699	NS	1	0.0	48.186	1.164	0.0	41.047	1.633	0.0	41.628	1.066	0.0	38.803	1.649	0.0	49.444	1.159	0.0	41.982	1.412	0.0	41.366	0.943	0.0	40.157	1.26
227	13699	13700	NS	1	0.0	46.947	1.917	0.0	49.779	2.347	0.0	50.718	1.647	0.0	47.887	2.2	0.0	47.516	1.908	0.0	50.538	2.166	0.0	50.097	1.514	0.0	45.919	1.912
228	13699	13700	NS	1	0.0	49.255	1.999	0.0	50.412	2.358	0.0	42.244	1.665	0.0	45.425	2.216	0.0	49.19	1.974	0.0	51.957	2.131	0.0	41.44	1.623	0.0	43.671	1.896
229	13699	13700	NS	1	0.0	55.576	7.205	0.0	53.846	8.633	0.0	48.819	6.347	0.0	51.712	7.614	0.0	54.497	7.306	0.0	54.577	7.903	0.0	47.545	6.262	0.0	51.038	6.803
230	13699	13700	NS	1	0.0	50.819	6.991	0.0	55.138	8.412	0.0	48.72	6.14	0.0	51.291	7.593	0.0	51.865	7.153	0.0	56.023	7.671	0.0	48.987	5.806	0.0	49.823	6.605

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0	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	13670	13671	SN	1	0.0	23.119	4.728	0.0	20.356	6.518	0.0	11.3	0.772	0.0	44.738	1.774	0.0	1.358	0.0	0.0	1.735	0.0	0.0	1.8	0.0	2.087	0.0	
2	13670	13671	SN	1	0.0	28.275	11.884	0.0	23.273	13.048	0.0	16.109	7.439	0.0	45.449	10.35	0.0	1.372	0.0	0.0	1.737	0.0	0.0	1.802	0.0	2.089	0.0	
3	13671	13672	NS	1	0.0	268.561	10.539	0.0	29.224	15.568	0.0	355.886	13.433	0.0	72.495	15.07	0.0	1.409	0.0	0.0	1.814	0.0	0.0	1.874	0.0	2.175	0.0	
4	13671	13672	NS	1	0.0	264.45	6.798	0.0	23.615	8.642	0.0	355.886	4.246	0.0	188.238	5.403	0.0	1.431	0.0	0.0	1.815	0.0	0.0	1.884	0.0	2.175	0.0	
5	13671	13672	SN	1	0.0	30.36	12.313	0.0	279.156	12.785	0.0	80.078	7.629	0.0	137.77	9.802	0.0	1.373	0.0	0.0	1.736	0.0	0.0	1.797	0.0	2.089	0.0	
6	13671	13672	SN	1	0.0	23.113	4.799	0.0	70.474	6.327	0.0	71.651	0.89	0.0	137.754	1.51	0.0	1.362	0.0	0.0	1.736	0.0	0.0	1.797	0.0	2.088	0.0	
7	13671	13672	SN	1	0.0	23.113	4.796	0.0	70.474	6.322	0.0	71.651	0.879	0.0	137.754	1.589	0.0	1.362	0.0	0.0	1.736	0.0	0.0	1.797	0.0	2.088	0.0	
8	13671	13672	SN	1	0.0	30.36	12.305	0.0	279.156	12.704	0.0	80.078	7.7	0.0	137.77	9.506	0.0	1.373	0.0	0.0	1.736	0.0	0.0	1.797	0.0	2.089	0.0	
9	13672	13673	SN	1	0.0	28.281	12.307	0.0	23.279	13.008	0.0	83.762	7.656	0.0	44.683	10.117	0.0	1.372	0.0	0.0	1.737	0.0	0.0	1.796	0.0	2.089	0.0	
10	13672	13673	NS	1	0.0	24.365	10.484	0.0	31.309	15.659	0.0	356.013	13.258	0.0	164.347	15.12	0.0	1.397	0.0	0.0	1.817	0.0	0.0	1.864	0.0	2.174	0.0	
11	13672	13673	SN	1	0.0	28.281	12.304	0.0	23.279	12.865	0.0	83.762	7.708	0.0	21.106	9.855	0.0	1.372	0.0	0.0	1.737	0.0	0.0	1.796	0.0	2.089	0.0	
12	13672	13673	NS	1	0.0	23.654	6.788	0.0	23.67	8.675	0.0	135.931	4.227	0.0	179.64	5.354	0.0	1.428	0.0	0.0	1.815	0.0	0.0	1.883	0.0	2.175	0.0	
13	13672	13673	SN	1	0.0	23.499	4.814	0.0	18.492	6.434	0.0	75.55	0.849	0.0	72.12	1.612	0.0	1.36	0.0	0.0	1.736	0.0	0.0	1.807	0.0	2.088	0.0	
14	13672	13673	SN	1	0.0	23.499	4.814	0.0	18.492	6.408	0.0	75.55	0.86	0.0	12.773	1.524	0.0	1.36	0.0	0.0	1.736	0.0	0.0	1.807	0.0	2.088	0.0	
15	13673	13674	NS	1	0.0	23.648	6.813	0.0	23.604	8.644	0.0	211.624	4.237	0.0	178.956	5.35	0.0	1.428	0.0	0.0	1.814	0.0	0.0	1.883	0.0	2.175	0.0	
16	13673	13674	SN	1	0.0	28.275	12.407	0.0	23.279	12.97	0.0	75.103	7.607	0.0	45.83	10.279	0.0	1.39	0.0	0.0	1.737	0.0	0.0	1.784	0.0	2.089	0.0	
17	13673	13674	NS	1	0.0	24.371	10.55	0.0	31.32	15.613	0.0	174.616	13.297	0.0	75.043	15.092	0.0	1.398	0.0	0.0	1.817	0.0	0.0	1.865	0.0	2.174	0.0	
18	13673	13674	SN	1	0.0	23.13	4.909	0.0	19.727	6.392	0.0	73.294	0.843	0.0	23.505	1.564	0.0	1.356	0.0	0.0	1.736	0.0	0.0	1.806	0.0	2.088	0.0	
19	13674	13675	NS	1	0.0	24.338	10.491	0.0	29.207	15.673	0.0	193.657	13.321	0.0	182.061	15.067	0.0	1.411	0.0	0.0	1.816	0.0	0.0	1.884	0.0	2.174	0.0	
20	13674	13675	SN	1	0.0	23.124	4.856	0.0	226.25	6.451	0.0	79.697	0.851	0.0	24.233	1.599	0.0	1.361	0.0	0.0	1.735	0.0	0.0	1.804	0.0	2.089	0.0	
21	13674	13675	NS	1	0.0	23.659	6.82	0.0	23.615	8.665	0.0	352.296	4.26	0.0	180.103	5.4	0.0	1.42	0.0	0.0	1.814	0.0	0.0	1.884	0.0	2.175	0.0	
22	13675	13676	NS	1	0.0	150.496	10.434	0.0	29.224	15.653	0.0	149.239	13.286	0.0	178.101	15.129	0.0	1.402	0.0	0.0	1.814	0.0	0.0	1.875	0.0	2.172	0.0	
23	13675	13676	SN	1	0.0	28.275	12.287	0.0	37.229	13.029	0.0	55.79	7.629	0.0	44.456	10.542	0.0	1.379	0.0	0.0	1.738	0.0	0.0	1.797	0.0	2.089	0.0	
24	13675	13676	NS	1	0.0	174.77	6.753	0.0	23.615	8.692	0.0	146.829	4.234	0.0	136.226	5.44	0.0	1.414	0.0	0.0	1.815	0.0	0.0	1.884	0.0	2.175	0.0	
25	13675	13676	SN	1	0.0	23.124	4.828	0.0	45.59	6.505	0.0	29.731	0.849	0.0	31.606	1.636	0.0	1.359	0.0	0.0	1.736	0.0	0.0	1.81	0.0	2.088	0.0	
26	13676	13677	SN	1	0.0	30.112	12.377	0.0	23.284	12.515	0.0	82.582	7.923	0.0	238.036	9.402	0.0	1.371	0.0	0.0	1.737	0.0	0.0	1.799	0.0	2.088	0.0	
27	13676	13677	SN	1	0.0	23.102	4.849	0.0	20.301	6.461	0.0	71.353	0.874	0.0	238.025	1.679	0.0	1.357	0.0	0.0	1.735	0.0	0.0	1.791	0.0	2.088	0.0	
28	13676	13677	SN	1	0.0	30.112	12.35	0.0	23.284	12.914	0.0	82.582	7.69	0.0	238.036	10.384	0.0	1.371	0.0	0.0	1.737	0.0	0.0	1.799	0.0	2.088	0.0	
29	13676	13677	SN	1	0.0	23.102	4.91	0.0	18.04	6.379	0.0	71.353	0.923	0.0	238.025	1.474	0.0	1.357	0.0	0.0	1.735	0.0	0.0	1.791	0.0	2.088	0.0	
30	13676	13677	NS	1	0.0	46.015	6.755	0.0	46.833	8.638	0.0	358.373	4.177	0.0	175.239	5.334	0.0	1.433	0.0	0.0	1.815	0.0	0.0	1.884	0.0	2.179	0.0	
31	13676	13677	SN	1	0.0	30.112	12.377	0.0	23.284	12.515	0.0	82.582	7.923	0.0	238.036	9.402	0.0	1.371	0.0	0.0	1.737	0.0	0.0	1.799	0.0	2.088	0.0	

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

32	13676	13677	NS	1	0.0	148.45	10.519	0.0	29.218	15.505	0.0	355.671	13.268	0.0	50.01	14.927	0.0	1.409	0.0	0.0	1.814	0.0	0.0	1.875	0.0	0.0	2.172	0.0
33	13676	13677	NS	1	0.0	122.64	6.765	0.0	46.833	8.635	0.0	358.373	4.179	0.0	175.189	5.333	0.0	1.433	0.0	0.0	1.815	0.0	0.0	1.884	0.0	0.0	2.179	0.0
34	13676	13677	SN	1	0.0	23.102	4.91	0.0	18.04	6.379	0.0	71.353	0.923	0.0	238.025	1.474	0.0	1.357	0.0	0.0	1.735	0.0	0.0	1.791	0.0	0.0	2.088	0.0
35	13676	13677	NS	1	0.0	42.33	10.519	0.0	29.218	15.525	0.0	355.676	13.275	0.0	56.964	14.942	0.0	1.409	0.0	0.0	1.814	0.0	0.0	1.875	0.0	0.0	2.172	0.0
36	13677	13678	SN	1	0.0	30.338	12.349	0.0	23.279	12.841	0.0	80.844	7.601	0.0	64.189	9.866	0.0	1.374	0.0	0.0	1.736	0.0	0.0	1.797	0.0	0.0	2.086	0.0
37	13677	13678	NS	1	0.0	254.134	6.805	0.0	23.615	8.696	0.0	355.803	4.303	0.0	177.616	5.415	0.0	1.426	0.0	0.0	1.815	0.0	0.0	1.885	0.0	0.0	2.176	0.0
38	13677	13678	SN	1	0.0	23.086	4.78	0.0	20.317	6.401	0.0	68.309	0.851	0.0	49.117	1.687	0.0	1.355	0.0	0.0	1.735	0.0	0.0	1.798	0.0	0.0	2.086	0.0
39	13677	13678	NS	1	0.0	197.787	10.579	0.0	29.213	15.559	0.0	355.803	13.412	0.0	72.456	15.091	0.0	1.408	0.0	0.0	1.815	0.0	0.0	1.875	0.0	0.0	2.172	0.0
40	13678	13679	SN	1	0.0	23.091	4.775	0.0	18.492	6.442	0.0	75.561	0.87	0.0	37.877	1.673	0.0	1.353	0.0	0.0	1.734	0.0	0.0	1.795	0.0	0.0	2.086	0.0
41	13678	13679	NS	1	0.0	24.409	10.566	0.0	29.638	15.653	0.0	355.913	13.385	0.0	133.248	15.202	0.0	1.407	0.0	0.0	1.818	0.0	0.0	1.865	0.0	0.0	2.176	0.0
42	13678	13679	NS	1	0.0	23.676	6.811	0.0	23.604	8.742	0.0	154.335	4.28	0.0	127.198	5.436	0.0	1.429	0.0	0.0	1.816	0.0	0.0	1.884	0.0	0.0	2.176	0.0
43	13678	13679	SN	1	0.0	28.209	12.336	0.0	145.505	12.93	0.0	83.646	7.631	0.0	57.009	9.742	0.0	1.397	0.0	0.0	1.735	0.0	0.0	1.796	0.0	0.0	2.087	0.0
44	13679	13680	SN	1	0.0	23.091	4.791	0.0	19.689	6.423	0.0	73.78	0.87	0.0	23.141	1.669	0.0	1.353	0.0	0.0	1.734	0.0	0.0	1.791	0.0	0.0	2.087	0.0
45	13679	13680	NS	1	0.0	108.748	10.603	0.0	31.347	15.617	0.0	202.486	13.321	0.0	73.168	15.133	0.0	1.405	0.0	0.0	1.818	0.0	0.0	1.864	0.0	0.0	2.175	0.0
46	13679	13680	NS	1	0.0	255.322	6.782	0.0	23.61	8.738	0.0	199.999	4.251	0.0	130.27	5.403	0.0	1.426	0.0	0.0	1.816	0.0	0.0	1.884	0.0	0.0	2.175	0.0
47	13679	13680	SN	1	0.0	28.237	12.397	0.0	23.262	12.939	0.0	75.666	7.652	0.0	46.249	9.673	0.0	1.356	0.0	0.0	1.735	0.0	0.0	1.792	0.0	0.0	2.087	0.0
48	13680	13681	NS	1	0.0	253.949	6.784	0.0	23.615	8.681	0.0	346.681	4.262	0.0	127.612	5.404	0.0	1.423	0.0	0.0	1.816	0.0	0.0	1.884	0.0	0.0	2.175	0.0
49	13680	13681	SN	1	0.0	28.22	12.411	0.0	263.796	12.991	0.0	88.064	7.577	0.0	60.5	9.748	0.0	1.378	0.0	0.0	1.736	0.0	0.0	1.798	0.0	0.0	2.084	0.0
50	13680	13681	SN	1	0.0	23.102	4.772	0.0	233.938	6.375	0.0	137.268	0.877	0.0	23.676	1.685	0.0	1.358	0.0	0.0	1.734	0.0	0.0	1.804	0.0	0.0	2.086	0.0
51	13680	13681	NS	1	0.0	108.775	10.598	0.0	31.436	15.636	0.0	146.194	13.26	0.0	130.766	15.06	0.0	1.392	0.0	0.0	1.817	0.0	0.0	1.884	0.0	0.0	2.174	0.0
52	13680	13681	NS	1	0.0	253.949	6.784	0.0	23.615	8.681	0.0	346.681	4.264	0.0	127.612	5.404	0.0	1.423	0.0	0.0	1.816	0.0	0.0	1.884	0.0	0.0	2.175	0.0
53	13680	13681	SN	1	0.0	23.102	4.772	0.0	233.938	6.375	0.0	137.268	0.877	0.0	23.676	1.685	0.0	1.358	0.0	0.0	1.734	0.0	0.0	1.804	0.0	0.0	2.086	0.0
54	13680	13681	SN	1	0.0	28.22	12.411	0.0	263.796	12.991	0.0	88.064	7.577	0.0	60.5	9.748	0.0	1.378	0.0	0.0	1.736	0.0	0.0	1.798	0.0	0.0	2.084	0.0
55	13680	13681	NS	1	0.0	108.775	10.598	0.0	31.436	15.636	0.0	146.194	13.26	0.0	130.766	15.06	0.0	1.392	0.0	0.0	1.817	0.0	0.0	1.884	0.0	0.0	2.174	0.0
56	13681	13682	SN	1	0.0	23.102	4.739	0.0	20.135	6.465	0.0	60.102	0.851	0.0	241.957	1.754	0.0	1.354	0.0	0.0	1.734	0.0	0.0	1.804	0.0	0.0	2.087	0.0
57	13681	13682	SN	1	0.0	28.215	12.355	0.0	23.284	12.929	0.0	76.261	7.375	0.0	100.999	9.821	0.0	1.357	0.0	0.0	1.737	0.0	0.0	1.798	0.0	0.0	2.084	0.0
58	13681	13682	NS	1	0.0	121.631	10.675	0.0	31.259	15.698	0.0	232.206	13.385	0.0	139.629	15.263	0.0	1.402	0.0	0.0	1.819	0.0	0.0	1.865	0.0	0.0	2.174	0.0
59	13681	13682	SN	1	0.0	23.102	4.739	0.0	20.135	6.465	0.0	60.102	0.851	0.0	241.957	1.754	0.0	1.354	0.0	0.0	1.734	0.0	0.0	1.804	0.0	0.0	2.087	0.0
60	13681	13682	NS	1	0.0	119.323	6.787	0.0	23.61	8.773	0.0	353.239	4.303	0.0	135.972	5.491	0.0	1.431	0.0	0.0	1.818	0.0	0.0	1.885	0.0	0.0	2.177	0.0
61	13681	13682	NS	1	0.0	121.631	10.675	0.0	31.259	15.698	0.0	232.206	13.385	0.0	139.629	15.263	0.0	1.402	0.0	0.0	1.819	0.0	0.0	1.865	0.0	0.0	2.174	0.0
62	13681	13682	SN	1	0.0	28.215	12.355	0.0	23.284	12.929	0.0	76.261	7.375	0.0	100.999	9.821	0.0	1.357	0.0	0.0	1.737	0.0	0.0	1.798	0.0	0.0	2.084	0.0
63	13681	13682	NS	1	0.0	119.323	6.787	0.0	23.61	8.773	0.0	353.239	4.303	0.0	135.972	5.491	0.0	1.431	0.0	0.0	1.818	0.0	0.0	1.885	0.0	0.0	2.177	0.0
64	13682	13683	NS	1	0.0	271.36	10.474	0.0	29.191	15.564	0.0	202.514	13.304	0.0	148.811	15.289	0.0	1.407	0.0	0.0	1.816	0.0	0.0	1.883	0.0	0.0	2.176	0.0
65	13682	13683	NS	1	0.0	271.36	10.566	0.0	29.191	15.128	0.0	202.514	13.833	0.0	15.591	14.638	0.0	1.407	0.0	0.0	1.816	0.0	0.0	1.883	0.0	0.0	2.176	0.0
66	13682	13683	SN	1	0.0	28.231	12.416	0.0	242.712	12.984	0.0	88.03	7.551	0.0	160.771	9.72	0.0	1.363	0.0	0.0	1.736	0.0	0.0	1.798	0.0	0.0	2.084	0.0
67	13682	13683	SN	1	0.0	23.08	4.746	0.0	199.326	6.425	0.0	73.195	0.843	0.0	100.266	1.702	0.0	1.356	0.0	0.0	1.734	0.0	0.0	1.805	0.0	0.0	2.086	0.0
68	13682	13683	NS	1	0.0	23.676	6.938	0.0	23.61	8.839	0.0	227.607	4.497	0.0	15.525	5.523	0.0	1.432	0.0	0.0	1.818	0.0	0.0	1.888	0.0	0.0	2.176	0.0

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

69	13682	13683	NS	1	0.0	271.36	10.474	0.0	29.191	15.564	0.0	202.514	13.304	0.0	148.811	15.289	0.0	1.407	0.0	0.0	1.816	0.0	0.0	1.883	0.0	0.0	2.176	0.0
70	13682	13683	SN	1	0.0	28.231	12.416	0.0	242.712	12.984	0.0	88.03	7.551	0.0	160.771	9.72	0.0	1.363	0.0	0.0	1.736	0.0	0.0	1.798	0.0	0.0	2.084	0.0
71	13682	13683	NS	1	0.0	23.676	6.771	0.0	23.61	8.763	0.0	227.607	4.279	0.0	132.724	5.491	0.0	1.432	0.0	0.0	1.818	0.0	0.0	1.888	0.0	0.0	2.176	0.0
72	13682	13683	SN	1	0.0	23.08	4.746	0.0	199.326	6.425	0.0	73.195	0.843	0.0	100.266	1.7	0.0	1.356	0.0	0.0	1.734	0.0	0.0	1.805	0.0	0.0	2.086	0.0
73	13682	13683	NS	1	0.0	23.676	6.771	0.0	23.61	8.763	0.0	227.607	4.279	0.0	132.724	5.491	0.0	1.432	0.0	0.0	1.818	0.0	0.0	1.888	0.0	0.0	2.176	0.0
74	13683	13684	SN	1	0.0	28.198	12.391	0.0	23.284	12.96	0.0	75.782	7.519	0.0	45.262	9.853	0.0	1.37	0.0	0.0	1.736	0.0	0.0	1.797	0.0	0.0	2.086	0.0
75	13683	13684	NS	1	0.0	24.459	10.678	0.0	29.196	15.649	0.0	149.652	13.323	0.0	189.402	15.198	0.0	1.407	0.0	0.0	1.816	0.0	0.0	1.883	0.0	0.0	2.174	0.0
76	13683	13684	NS	1	0.0	24.459	10.678	0.0	29.196	15.649	0.0	149.652	13.323	0.0	189.402	15.198	0.0	1.407	0.0	0.0	1.816	0.0	0.0	1.883	0.0	0.0	2.174	0.0
77	13683	13684	NS	1	0.0	23.703	6.838	0.0	23.599	8.72	0.0	195.46	4.243	0.0	188.536	5.4	0.0	1.423	0.0	0.0	1.817	0.0	0.0	1.887	0.0	0.0	2.177	0.0
78	13683	13684	NS	1	0.0	23.703	6.838	0.0	23.599	8.72	0.0	195.46	4.243	0.0	188.536	5.4	0.0	1.423	0.0	0.0	1.817	0.0	0.0	1.887	0.0	0.0	2.177	0.0
79	13684	13685	SN	1	0.0	28.209	12.535	0.673	23.279	12.345	0.0	78.765	8.12	0.0	13.054	8.419	0.0	1.373	0.0	0.003	1.735	0.0	0.0	1.78	0.0	0.0	2.086	0.0
80	13684	13685	SN	1	0.0	23.086	4.813	0.0	18.029	6.361	0.0	70.427	0.964	0.0	10.798	1.514	0.0	1.353	0.0	0.0	1.733	0.0	0.0	1.789	0.0	0.0	2.085	0.0
81	13684	13685	SN	1	0.0	28.209	12.34	0.673	23.279	12.902	0.0	78.765	7.655	0.0	46.376	9.688	0.0	1.373	0.0	0.003	1.735	0.0	0.0	1.78	0.0	0.0	2.086	0.0
82	13684	13685	NS	1	0.0	24.431	10.711	0.0	29.196	15.547	0.0	354.049	13.359	0.0	73.41	15.237	0.0	1.407	0.0	0.0	1.816	0.0	0.0	1.882	0.0	0.0	2.179	0.0
83	13684	13685	SN	1	0.0	23.086	4.729	0.0	20.334	6.421	0.0	70.427	0.876	0.0	45.708	1.728	0.0	1.353	0.0	0.0	1.733	0.0	0.0	1.789	0.0	0.0	2.085	0.0
84	13684	13685	NS	1	0.0	23.698	6.848	0.0	23.604	8.735	0.0	255.016	4.269	0.0	185.105	5.402	0.0	1.43	0.0	0.0	1.817	0.0	0.0	1.888	0.0	0.0	2.178	0.0
85	13684	13685	SN	1	0.0	28.209	12.34	0.673	23.279	12.902	0.0	78.765	7.655	0.0	46.376	9.688	0.0	1.373	0.0	0.003	1.735	0.0	0.0	1.78	0.0	0.0	2.086	0.0
86	13684	13685	NS	1	0.0	24.431	10.711	0.0	29.196	15.547	0.0	354.049	13.359	0.0	73.41	15.237	0.0	1.407	0.0	0.0	1.816	0.0	0.0	1.882	0.0	0.0	2.179	0.0
87	13684	13685	SN	1	0.0	23.086	4.729	0.0	20.334	6.419	0.0	70.427	0.876	0.0	45.708	1.724	0.0	1.353	0.0	0.0	1.733	0.0	0.0	1.789	0.0	0.0	2.085	0.0
88	13685	13686	SN	1	0.0	23.091	4.712	0.0	129.467	6.427	0.0	73.438	0.855	0.0	22.964	1.697	0.0	1.354	0.0	0.0	1.734	0.0	0.0	1.797	0.0	0.0	2.086	0.0
89	13685	13686	SN	1	0.0	28.215	12.33	0.0	84.934	12.899	0.0	75.368	7.469	0.0	270.243	9.658	0.0	1.395	0.0	0.0	1.734	0.0	0.0	1.79	0.0	0.0	2.087	0.0
90	13685	13686	NS	1	0.0	23.714	6.856	0.0	23.61	8.641	0.0	199.988	4.199	0.0	178.962	5.312	0.0	1.428	0.0	0.0	1.817	0.0	0.0	1.888	0.0	0.0	2.177	0.0
91	13685	13686	NS	1	0.0	157.657	10.642	0.0	29.207	15.472	0.0	202.464	13.21	0.0	73.554	14.957	0.0	1.409	0.0	0.0	1.817	0.0	0.0	1.873	0.0	0.0	2.177	0.0
92	13685	13686	NS	1	0.0	23.714	6.856	0.0	23.61	8.641	0.0	199.988	4.199	0.0	178.962	5.312	0.0	1.428	0.0	0.0	1.817	0.0	0.0	1.888	0.0	0.0	2.177	0.0
93	13685	13686	SN	1	0.0	23.091	4.712	0.0	129.467	6.427	0.0	73.438	0.855	0.0	22.964	1.697	0.0	1.354	0.0	0.0	1.734	0.0	0.0	1.797	0.0	0.0	2.086	0.0
94	13685	13686	SN	1	0.0	28.215	12.33	0.0	84.934	12.899	0.0	75.368	7.469	0.0	270.243	9.658	0.0	1.395	0.0	0.0	1.734	0.0	0.0	1.79	0.0	0.0	2.087	0.0
95	13685	13686	NS	1	0.0	157.657	10.642	0.0	29.207	15.472	0.0	202.464	13.21	0.0	73.554	14.957	0.0	1.409	0.0	0.0	1.817	0.0	0.0	1.873	0.0	0.0	2.177	0.0
96	13686	13687	SN	1	0.0	23.108	4.824	0.0	18.547	6.475	0.0	62.242	0.83	0.0	46.384	1.748	0.0	1.353	0.0	0.0	1.734	0.0	0.0	1.798	0.0	0.0	2.086	0.0
97	13686	13687	NS	1	0.0	23.709	6.826	0.0	23.593	8.679	0.0	346.053	4.353	0.0	183.44	5.323	0.0	1.419	0.0	0.0	1.816	0.0	0.0	1.887	0.0	0.0	2.176	0.0
98	13686	13687	SN	1	0.0	23.108	4.824	0.0	18.547	6.473	0.0	62.226	0.832	0.0	46.384	1.75	0.0	1.353	0.0	0.0	1.734	0.0	0.0	1.798	0.0	0.0	2.086	0.0
99	13686	13687	SN	1	0.0	28.253	12.344	0.0	23.262	12.945	0.0	83.624	7.552	0.0	62.036	9.775	0.0	1.395	0.0	0.0	1.735	0.0	0.0	1.792	0.0	0.0	2.086	0.0
100	13686	13687	NS	1	0.0	24.437	10.736	0.0	31.811	15.643	0.0	349.02	13.234	0.0	132.321	14.991	0.0	1.401	0.0	0.0	1.819	0.0	0.0	1.868	0.0	0.0	2.176	0.0
101	13686	13687	NS	1	0.0	24.553	10.735	0.0	29.191	15.549	0.0	275.394	13.229	0.0	75.55	15.008	0.0	1.41	0.0	0.0	1.816	0.0	0.0	1.872	0.0	0.0	2.176	0.0
102	13686	13687	SN	1	0.0	28.253	12.344	0.0	23.262	12.966	0.0	83.64	7.537	0.0	62.036	9.753	0.0	1.395	0.0	0.0	1.735	0.0	0.0	1.792	0.0	0.0	2.086	0.0
103	13686	13687	NS	1	0.0	23.709	6.826	0.0	23.593	8.679	0.0	346.053	4.353	0.0	183.44	5.323	0.0	1.419	0.0	0.0	1.816	0.0	0.0	1.887	0.0	0.0	2.176	0.0
104	13686	13687	NS	1	0.0	23.709	6.833	0.0	23.604	8.68	0.0	350.531	4.331	0.0	170.717	5.3	0.0	1.427	0.0	0.0	1.816	0.0	0.0	1.887	0.0	0.0	2.177	0.0
105	13687	13688	NS	1	0.0	197.52	6.772	0.0	23.593	8.566	0.0	353.652	4.156	0.0	130.987	5.202	0.0	1.42	0.0	0.0	1.816	0.0	0.0	1.889	0.0	0.0	2.175	0.0

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

106	13687	13688	SN	1	0.0	23.102	4.745	0.0	234.026	6.502	0.0	25.479	0.796	0.0	76.013	1.752	0.0	1.36	0.0	0.0	1.734	0.0	0.0	1.797	0.0	0.0	2.086	0.0
107	13687	13688	SN	1	0.0	23.102	4.738	0.0	234.026	6.48	0.0	25.479	0.809	0.0	11.973	1.645	0.0	1.36	0.0	0.0	1.734	0.0	0.0	1.797	0.0	0.0	2.086	0.0
108	13687	13688	NS	1	0.0	168.028	10.479	0.0	31.86	15.537	0.0	193.794	12.997	0.0	66.875	14.809	0.0	1.403	0.0	0.0	1.818	0.0	0.0	1.877	0.0	0.0	2.175	0.0
109	13687	13688	SN	1	0.0	28.242	12.226	0.0	23.284	12.834	0.0	44.694	7.417	0.0	18.095	9.468	0.0	1.36	0.0	0.0	1.736	0.0	0.0	1.796	0.0	0.0	2.085	0.0
110	13687	13688	SN	1	0.0	28.242	12.222	0.0	23.284	12.987	0.0	44.694	7.351	0.0	38.715	9.829	0.0	1.36	0.0	0.0	1.736	0.0	0.0	1.796	0.0	0.0	2.085	0.0
111	13688	13689	SN	1	0.0	23.097	4.731	0.0	94.497	6.546	0.0	13.01	0.762	0.0	37.905	1.813	0.0	1.351	0.0	0.0	1.733	0.0	0.0	1.802	0.0	0.0	2.086	0.0
112	13688	13689	NS	1	0.0	272.482	10.389	0.0	29.185	15.683	0.0	28.008	13.241	0.0	186.958	15.462	0.0	1.407	0.0	0.0	1.817	0.0	0.0	1.882	0.0	0.0	2.175	0.0
113	13688	13689	SN	1	0.0	23.097	4.731	0.0	94.497	6.546	0.0	13.01	0.762	0.0	37.905	1.813	0.0	1.351	0.0	0.0	1.733	0.0	0.0	1.802	0.0	0.0	2.086	0.0
114	13688	13689	NS	1	0.0	120.96	6.723	0.0	23.599	8.856	0.0	261.825	4.277	0.0	133.082	5.53	0.0	1.431	0.0	0.0	1.817	0.0	0.0	1.885	0.0	0.0	2.177	0.0
115	13688	13689	NS	1	0.0	120.96	6.723	0.0	23.599	8.856	0.0	261.825	4.277	0.0	133.082	5.532	0.0	1.431	0.0	0.0	1.817	0.0	0.0	1.885	0.0	0.0	2.177	0.0
116	13688	13689	SN	1	0.0	28.242	12.088	0.0	157.726	13.04	0.0	22.76	7.437	0.0	43.69	10.115	0.0	1.365	0.0	0.0	1.736	0.0	0.0	1.798	0.0	0.0	2.087	0.0
117	13688	13689	SN	1	0.0	28.242	12.088	0.0	157.726	13.04	0.0	22.76	7.437	0.0	43.69	10.115	0.0	1.365	0.0	0.0	1.736	0.0	0.0	1.798	0.0	0.0	2.087	0.0
118	13688	13689	NS	1	0.0	272.482	10.389	0.0	29.185	15.683	0.0	28.008	13.241	0.0	186.958	15.462	0.0	1.407	0.0	0.0	1.817	0.0	0.0	1.882	0.0	0.0	2.175	0.0
119	13689	13690	SN	1	0.0	28.248	12.371	0.673	23.279	12.862	0.0	77.431	7.476	0.0	69.828	9.852	0.0	1.371	0.0	0.002	1.736	0.0	0.0	1.798	0.0	0.0	2.085	0.0
120	13689	13690	SN	1	0.0	28.248	12.371	0.673	23.279	12.862	0.0	77.431	7.476	0.0	69.828	9.852	0.0	1.371	0.0	0.002	1.736	0.0	0.0	1.798	0.0	0.0	2.085	0.0
121	13689	13690	SN	1	0.0	28.248	12.371	0.673	23.279	12.862	0.0	77.431	7.476	0.0	69.828	9.852	0.0	1.371	0.0	0.002	1.736	0.0	0.0	1.798	0.0	0.0	2.085	0.0
122	13689	13690	NS	1	0.0	23.709	6.862	0.0	23.593	8.74	0.0	194.754	4.394	0.0	135.553	5.426	0.0	1.433	0.0	0.0	1.816	0.0	0.0	1.885	0.0	0.0	2.177	0.0
123	13689	13690	SN	1	0.0	23.091	4.829	0.0	21.026	6.479	0.0	71.243	0.822	0.0	188.547	1.758	0.0	1.353	0.0	0.0	1.733	0.0	0.0	1.789	0.0	0.0	2.086	0.0
124	13689	13690	NS	1	0.0	24.454	10.672	0.0	29.158	15.609	0.0	217.884	13.371	0.0	63.963	15.183	0.0	1.406	0.0	0.0	1.817	0.0	0.0	1.883	0.0	0.0	2.175	0.0
125	13689	13690	SN	1	0.0	23.091	4.829	0.0	21.026	6.479	0.0	71.243	0.82	0.0	188.547	1.758	0.0	1.353	0.0	0.0	1.733	0.0	0.0	1.789	0.0	0.0	2.086	0.0
126	13689	13690	SN	1	0.0	23.091	4.829	0.0	21.026	6.479	0.0	71.243	0.822	0.0	188.547	1.758	0.0	1.353	0.0	0.0	1.733	0.0	0.0	1.789	0.0	0.0	2.086	0.0
127	13689	13690	NS	1	0.0	24.454	10.672	0.0	29.158	15.609	0.0	217.884	13.371	0.0	63.963	15.183	0.0	1.406	0.0	0.0	1.817	0.0	0.0	1.883	0.0	0.0	2.175	0.0
128	13689	13690	NS	1	0.0	23.709	6.862	0.0	23.593	8.74	0.0	194.754	4.394	0.0	135.553	5.426	0.0	1.433	0.0	0.0	1.816	0.0	0.0	1.885	0.0	0.0	2.177	0.0
129	13690	13691	SN	1	0.0	28.187	12.383	0.0	278.403	13.031	0.0	80.293	7.384	0.0	277.167	10.025	0.0	1.367	0.0	0.0	1.736	0.0	0.0	1.8	0.0	0.0	2.085	0.0
130	13690	13691	SN	1	0.0	28.187	12.383	0.0	278.403	13.031	0.0	80.293	7.384	0.0	277.167	10.032	0.0	1.367	0.0	0.0	1.736	0.0	0.0	1.8	0.0	0.0	2.085	0.0
131	13690	13691	NS	1	0.0	218.413	6.885	0.0	23.979	8.74	0.0	272.846	4.375	0.0	190.643	5.417	0.0	1.433	0.0	0.0	1.816	0.0	0.0	1.885	0.0	0.0	2.176	0.0
132	13690	13691	SN	1	0.0	23.091	4.814	0.0	276.257	6.551	0.0	71.883	0.789	0.0	277.085	1.841	0.0	1.351	0.0	0.0	1.733	0.0	0.0	1.807	0.0	0.0	2.114	0.0
133	13690	13691	NS	1	0.0	156.623	10.647	0.0	29.456	15.552	0.0	354.0	13.311	0.0	72.28	15.149	0.0	1.404	0.0	0.0	1.818	0.0	0.0	1.884	0.0	0.0	2.174	0.0
134	13690	13691	SN	1	0.0	23.091	4.843	0.0	276.257	6.462	0.0	71.883	0.825	0.0	277.085	1.66	0.0	1.351	0.0	0.0	1.733	0.0	0.0	1.807	0.0	0.0	2.114	0.0
135	13690	13691	SN	1	0.0	23.091	4.814	0.0	276.257	6.553	0.0	71.883	0.788	0.0	277.085	1.841	0.0	1.351	0.0	0.0	1.733	0.0	0.0	1.807	0.0	0.0	2.114	0.0
136	13690	13691	NS	1	0.0	154.539	6.887	0.0	23.979	8.751	0.0	271.451	4.39	0.0	190.836	5.429	0.0	1.435	0.0	0.0	1.816	0.0	0.0	1.886	0.0	0.0	2.177	0.0
137	13690	13691	SN	1	0.0	23.091	4.814	0.0	276.257	6.551	0.0	71.883	0.789	0.0	277.085	1.841	0.0	1.351	0.0	0.0	1.733	0.0	0.0	1.807	0.0	0.0	2.114	0.0
138	13690	13691	NS	1	0.0	103.475	10.642	0.0	29.456	15.593	0.0	284.902	13.359	0.0	175.614	15.097	0.0	1.411	0.0	0.0	1.816	0.0	0.0	1.872	0.0	0.0	2.176	0.0
139	13690	13691	SN	1	0.0	28.187	12.383	0.0	278.403	13.031	0.0	80.293	7.384	0.0	277.167	10.032	0.0	1.367	0.0	0.0	1.736	0.0	0.0	1.8	0.0	0.0	2.085	0.0
140	13690	13691	SN	1	0.0	28.187	12.405	0.0	278.403	12.655	0.0	80.293	7.552	0.0	277.167	9.11	0.0	1.367	0.0	0.0	1.736	0.0	0.0	1.8	0.0	0.0	2.085	0.0
141	13690	13691	NS	1	0.0	103.475	10.642	0.0	29.456	15.593	0.0	284.902	13.359	0.0	175.614	15.097	0.0	1.411	0.0	0.0	1.816	0.0	0.0	1.872	0.0	0.0	2.176	0.0
142	13690	13691	NS	1	0.0	218.413	6.885	0.0	23.979	8.74	0.0	272.846	4.375	0.0	190.643	5.417	0.0	1.433	0.0	0.0	1.816	0.0	0.0	1.885	0.0	0.0	2.176	0.0

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

143	13691	13692	NS	1	0.0	24.453	10.62	0.0	29.207	15.645	0.0	216.66	13.396	0.0	75.197	15.226	0.0	1.407	0.0	0.0	1.816	0.0	0.0	1.879	0.0	0.0	2.177	0.0
144	13691	13692	SN	1	0.0	23.047	4.755	0.0	20.877	6.482	0.0	74.452	0.831	0.0	206.633	1.773	0.0	1.351	0.0	0.0	1.733	0.0	0.0	1.805	0.0	0.0	2.085	0.0
145	13691	13692	SN	1	0.0	28.149	12.377	0.0	23.544	12.91	0.0	76.295	7.524	0.0	183.983	9.731	0.0	1.354	0.0	0.0	1.734	0.0	0.0	1.791	0.0	0.0	2.085	0.0
146	13691	13692	NS	1	0.0	24.454	10.69	0.0	29.207	15.635	0.0	249.479	13.403	0.0	75.285	15.219	0.0	1.407	0.0	0.0	1.816	0.0	0.0	1.879	0.0	0.0	2.177	0.0
147	13691	13692	SN	1	0.0	28.149	12.377	0.0	23.544	12.91	0.0	76.295	7.524	0.0	183.983	9.731	0.0	1.354	0.0	0.0	1.734	0.0	0.0	1.791	0.0	0.0	2.085	0.0
148	13691	13692	NS	1	0.0	24.453	10.62	0.0	29.207	15.645	0.0	216.66	13.396	0.0	75.197	15.226	0.0	1.407	0.0	0.0	1.816	0.0	0.0	1.879	0.0	0.0	2.177	0.0
149	13691	13692	SN	1	0.0	23.047	4.755	0.0	20.877	6.478	0.0	74.452	0.827	0.0	206.633	1.769	0.0	1.351	0.0	0.0	1.733	0.0	0.0	1.805	0.0	0.0	2.085	0.0
150	13691	13692	NS	1	0.0	23.731	6.874	0.0	23.604	8.787	0.0	354.513	4.366	0.0	170.557	5.452	0.0	1.432	0.0	0.0	1.817	0.0	0.0	1.888	0.0	0.0	2.177	0.0
151	13691	13692	SN	1	0.0	28.149	12.471	0.0	23.268	12.442	0.0	76.295	7.824	0.0	183.983	8.653	0.0	1.354	0.0	0.0	1.734	0.0	0.0	1.791	0.0	0.0	2.085	0.0
152	13691	13692	NS	1	0.0	23.731	6.874	0.0	23.61	8.78	0.0	354.524	4.373	0.0	170.794	5.466	0.0	1.434	0.0	0.0	1.817	0.0	0.0	1.889	0.0	0.0	2.177	0.0
153	13691	13692	NS	1	0.0	23.731	6.874	0.0	23.604	8.787	0.0	354.513	4.366	0.0	170.557	5.452	0.0	1.432	0.0	0.0	1.817	0.0	0.0	1.888	0.0	0.0	2.177	0.0
154	13691	13692	SN	1	0.0	23.047	4.755	0.0	20.877	6.482	0.0	74.452	0.831	0.0	206.633	1.773	0.0	1.351	0.0	0.0	1.733	0.0	0.0	1.805	0.0	0.0	2.085	0.0
155	13691	13692	SN	1	0.0	28.149	12.377	0.0	23.544	12.91	0.0	76.295	7.524	0.0	183.983	9.731	0.0	1.354	0.0	0.0	1.734	0.0	0.0	1.791	0.0	0.0	2.085	0.0
156	13691	13692	SN	1	0.0	23.047	4.807	0.0	18.045	6.377	0.0	74.452	0.888	0.0	206.633	1.536	0.0	1.351	0.0	0.0	1.733	0.0	0.0	1.805	0.0	0.0	2.085	0.0
157	13692	13693	SN	1	0.0	24.404	4.619	0.0	71.367	6.507	0.0	12.927	0.746	0.0	39.366	1.772	0.0	1.351	0.0	0.0	1.733	0.0	0.0	1.798	0.0	0.0	2.085	0.0
158	13692	13693	NS	1	0.0	241.268	10.735	0.0	29.196	15.506	0.0	152.515	13.102	0.0	71.144	14.869	0.0	1.409	0.0	0.0	1.817	0.0	0.0	1.876	0.0	0.0	2.178	0.0
159	13692	13693	SN	1	0.0	29.533	12.081	0.0	39.485	13.021	0.0	22.86	7.338	0.0	62.115	9.864	0.0	1.395	0.0	0.0	1.734	0.0	0.0	1.793	0.0	0.0	2.086	0.0
160	13692	13693	SN	1	0.0	29.533	12.269	0.0	39.485	12.447	0.0	22.86	7.799	0.0	13.093	8.495	0.0	1.395	0.0	0.0	1.734	0.0	0.0	1.793	0.0	0.0	2.086	0.0
161	13692	13693	NS	1	0.0	241.262	10.715	0.0	29.191	15.496	0.0	152.504	13.08	0.0	71.221	14.877	0.0	1.41	0.0	0.0	1.817	0.0	0.0	1.876	0.0	0.0	2.177	0.0
162	13692	13693	SN	1	0.0	29.533	12.081	0.0	39.485	13.021	0.0	22.86	7.338	0.0	62.115	9.864	0.0	1.395	0.0	0.0	1.734	0.0	0.0	1.793	0.0	0.0	2.086	0.0
163	13692	13693	SN	1	0.0	24.404	4.7	0.0	71.367	6.445	0.0	12.927	0.824	0.0	10.831	1.548	0.0	1.351	0.0	0.0	1.733	0.0	0.0	1.798	0.0	0.0	2.085	0.0
164	13692	13693	SN	1	0.0	29.533	12.081	0.0	39.485	13.021	0.0	22.86	7.338	0.0	62.115	9.864	0.0	1.395	0.0	0.0	1.734	0.0	0.0	1.793	0.0	0.0	2.086	0.0
165	13692	13693	NS	1	0.0	23.726	6.734	0.0	23.588	8.6	0.0	144.656	4.122	0.0	125.896	5.27	0.0	1.418	0.0	0.0	1.818	0.0	0.0	1.89	0.0	0.0	2.177	0.0
166	13692	13693	NS	1	0.0	241.268	10.735	0.0	29.196	15.506	0.0	152.515	13.102	0.0	71.144	14.869	0.0	1.409	0.0	0.0	1.817	0.0	0.0	1.876	0.0	0.0	2.178	0.0
167	13692	13693	NS	1	0.0	23.726	6.734	0.0	23.588	8.6	0.0	144.656	4.122	0.0	125.896	5.27	0.0	1.418	0.0	0.0	1.818	0.0	0.0	1.89	0.0	0.0	2.177	0.0
168	13692	13693	NS	1	0.0	23.726	6.737	0.0	23.588	8.593	0.0	144.573	4.12	0.0	126.117	5.272	0.0	1.433	0.0	0.0	1.818	0.0	0.0	1.889	0.0	0.0	2.177	0.0
169	13692	13693	SN	1	0.0	24.404	4.619	0.0	71.367	6.507	0.0	12.927	0.746	0.0	39.366	1.772	0.0	1.351	0.0	0.0	1.733	0.0	0.0	1.798	0.0	0.0	2.085	0.0
170	13692	13693	SN	1	0.0	24.404	4.619	0.0	71.367	6.504	0.0	12.927	0.746	0.0	39.366	1.772	0.0	1.351	0.0	0.0	1.733	0.0	0.0	1.798	0.0	0.0	2.085	0.0
171	13693	13694	SN	1	0.0	23.102	4.604	0.0	21.067	6.404	0.0	16.082	0.816	0.0	23.935	1.77	0.0	1.351	0.0	0.0	1.732	0.0	0.0	1.797	0.0	0.0	2.084	0.0
172	13693	13694	SN	1	0.0	28.193	12.195	0.0	23.284	12.947	0.0	30.548	7.493	0.0	60.444	9.75	0.0	1.364	0.0	0.0	1.734	0.0	0.0	1.805	0.0	0.0	2.082	0.0
173	13693	13694	NS	1	0.0	23.715	6.83	0.0	24.343	8.661	0.0	353.928	4.29	0.0	136.259	5.399	0.0	1.413	0.0	0.0	1.817	0.0	0.0	1.891	0.0	0.0	2.179	0.0
174	13693	13694	NS	1	0.0	24.476	10.489	0.0	29.924	15.515	0.0	232.074	13.219	0.0	67.129	14.928	0.0	1.399	0.0	0.0	1.82	0.0	0.0	1.868	0.0	0.0	2.179	0.0
175	13693	13694	SN	1	0.0	23.102	4.607	0.0	21.067	6.482	0.0	16.082	0.801	0.0	23.935	1.777	0.0	1.351	0.0	0.0	1.732	0.0	0.0	1.797	0.0	0.0	2.084	0.0
176	13693	13694	SN	1	0.0	28.193	12.197	0.0	23.284	13.001	0.0	30.548	7.359	0.0	60.444	9.843	0.0	1.364	0.0	0.0	1.734	0.0	0.0	1.805	0.0	0.0	2.082	0.0
177	13694	13695	NS	1	0.0	188.285	6.868	0.0	23.593	8.729	0.0	149.647	4.289	0.0	133.634	5.422	0.0	1.419	0.0	0.0	1.819	0.0	0.0	1.89	0.0	0.0	2.179	0.0
178	13694	13695	SN	1	0.0	23.058	4.743	0.0	234.037	6.488	0.0	91.025	0.828	0.0	162.679	1.779	0.0	1.351	0.0	0.0	1.732	0.0	0.0	1.794	0.0	0.0	2.084	0.0
179	13694	13695	NS	1	0.0	188.285	6.868	0.0	23.593	8.729	0.0	149.647	4.289	0.0	133.634	5.422	0.0	1.419	0.0	0.0	1.819	0.0	0.0	1.89	0.0	0.0	2.179	0.0

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

180	13694	13695	SN	1	0.0	28.149	12.371	0.0	127.132	12.917	0.0	86.006	7.526	0.0	190.59	9.837	0.0	1.366	0.0	0.0	1.734	0.0	0.0	1.798	0.0	0.0	2.084	0.0
181	13694	13695	SN	1	0.0	23.058	4.743	0.0	234.037	6.486	0.0	91.025	0.828	0.0	162.679	1.778	0.0	1.351	0.0	0.0	1.732	0.0	0.0	1.794	0.0	0.0	2.084	0.0
182	13694	13695	NS	1	0.0	162.839	10.736	0.0	29.185	15.679	0.0	157.429	13.335	0.0	149.357	15.206	0.0	1.404	0.0	0.0	1.818	0.0	0.0	1.884	0.0	0.0	2.175	0.0
183	13694	13695	NS	1	0.0	162.839	10.736	0.0	29.185	15.679	0.0	157.429	13.335	0.0	149.357	15.206	0.0	1.404	0.0	0.0	1.818	0.0	0.0	1.884	0.0	0.0	2.175	0.0
184	13694	13695	SN	1	0.0	28.149	12.371	0.0	127.132	12.917	0.0	86.006	7.519	0.0	190.59	9.837	0.0	1.366	0.0	0.0	1.734	0.0	0.0	1.798	0.0	0.0	2.084	0.0
185	13695	13696	NS	1	0.0	238.047	10.728	0.0	29.163	15.712	0.0	152.752	13.389	0.0	152.22	15.23	0.0	1.401	0.0	0.0	1.819	0.0	0.0	1.888	0.0	0.0	2.175	0.0
186	13695	13696	NS	1	0.0	238.047	10.751	0.0	29.163	15.45	0.0	152.752	13.586	0.0	17.609	14.973	0.0	1.401	0.0	0.0	1.819	0.0	0.0	1.888	0.0	0.0	2.175	0.0
187	13695	13696	SN	1	0.0	23.069	4.698	0.0	266.802	6.417	0.0	51.554	0.769	0.0	66.29	1.75	0.0	1.352	0.0	0.0	1.734	0.0	0.0	1.793	0.0	0.0	2.085	0.0
188	13695	13696	NS	1	0.0	23.726	6.876	0.0	23.593	8.764	0.0	155.984	4.355	0.0	135.917	5.442	0.0	1.42	0.0	0.0	1.817	0.0	0.0	1.89	0.0	0.0	2.178	0.0
189	13695	13696	NS	1	0.0	238.047	10.728	0.0	29.163	15.712	0.0	152.752	13.389	0.0	152.22	15.23	0.0	1.401	0.0	0.0	1.819	0.0	0.0	1.888	0.0	0.0	2.175	0.0
190	13695	13696	NS	1	0.0	23.726	6.94	0.0	23.593	8.787	0.0	155.984	4.435	0.0	15.514	5.373	0.0	1.42	0.0	0.0	1.817	0.0	0.0	1.89	0.0	0.0	2.178	0.0
191	13695	13696	SN	1	0.0	23.069	4.698	0.0	266.802	6.417	0.0	51.554	0.769	0.0	66.29	1.75	0.0	1.352	0.0	0.0	1.734	0.0	0.0	1.793	0.0	0.0	2.085	0.0
192	13695	13696	SN	1	0.0	28.187	12.347	0.0	278.168	12.873	0.0	78.583	7.34	0.0	61.211	9.679	0.0	1.382	0.0	0.0	1.734	0.0	0.0	1.795	0.0	0.0	2.095	0.0
193	13695	13696	NS	1	0.0	23.726	6.876	0.0	23.593	8.764	0.0	155.984	4.355	0.0	135.917	5.442	0.0	1.42	0.0	0.0	1.817	0.0	0.0	1.89	0.0	0.0	2.178	0.0
194	13695	13696	SN	1	0.0	28.187	12.347	0.0	278.168	12.873	0.0	78.583	7.34	0.0	61.211	9.679	0.0	1.382	0.0	0.0	1.734	0.0	0.0	1.795	0.0	0.0	2.095	0.0
195	13696	13697	NS	1	0.0	23.726	6.992	0.0	23.582	8.809	0.0	355.169	4.434	0.0	15.514	5.392	0.0	1.428	0.0	0.0	1.818	0.0	0.0	1.89	0.0	0.0	2.179	0.0
196	13696	13697	NS	1	0.0	23.726	6.879	0.0	23.582	8.769	0.0	355.169	4.291	0.0	138.642	5.417	0.0	1.428	0.0	0.0	1.818	0.0	0.0	1.89	0.0	0.0	2.179	0.0
197	13696	13697	SN	1	0.0	28.215	12.352	0.0	23.284	12.877	0.0	61.15	7.392	0.0	62.766	9.612	0.0	1.371	0.0	0.0	1.734	0.0	0.0	1.788	0.0	0.0	2.087	0.0
198	13696	13697	SN	1	0.0	23.058	4.691	0.0	21.078	6.384	0.0	56.441	0.822	0.0	78.285	1.776	0.0	1.353	0.0	0.0	1.732	0.0	0.0	1.809	0.0	0.0	2.085	0.0
199	13696	13697	NS	1	0.0	23.726	6.879	0.0	23.582	8.769	0.0	355.169	4.291	0.0	138.625	5.417	0.0	1.428	0.0	0.0	1.818	0.0	0.0	1.89	0.0	0.0	2.179	0.0
200	13696	13697	SN	1	0.0	28.215	12.352	0.0	23.284	12.877	0.0	61.15	7.392	0.0	62.766	9.612	0.0	1.371	0.0	0.0	1.734	0.0	0.0	1.788	0.0	0.0	2.087	0.0
201	13696	13697	NS	1	0.0	41.685	10.657	0.0	29.163	15.636	0.0	225.125	13.392	0.0	72.087	15.149	0.0	1.401	0.0	0.0	1.82	0.0	0.0	1.89	0.0	0.0	2.176	0.0
202	13696	13697	NS	1	0.0	41.685	10.7	0.0	29.163	15.233	0.0	225.125	13.751	0.0	15.574	14.693	0.0	1.401	0.0	0.0	1.82	0.0	0.0	1.89	0.0	0.0	2.176	0.0
203	13696	13697	NS	1	0.0	41.685	10.657	0.0	29.163	15.636	0.0	225.125	13.392	0.0	72.092	15.149	0.0	1.401	0.0	0.0	1.82	0.0	0.0	1.89	0.0	0.0	2.176	0.0
204	13696	13697	SN	1	0.0	23.058	4.691	0.0	21.078	6.384	0.0	56.441	0.82	0.0	78.285	1.776	0.0	1.353	0.0	0.0	1.732	0.0	0.0	1.809	0.0	0.0	2.085	0.0
205	13697	13698	SN	1	0.0	28.171	12.36	0.0	190.017	12.924	0.0	78.307	7.337	0.0	83.365	9.689	0.0	1.373	0.0	0.0	1.734	0.0	0.0	1.799	0.0	0.0	2.085	0.0
206	13697	13698	NS	1	0.0	220.515	10.623	0.0	29.169	15.714	0.0	146.012	13.37	0.0	133.287	15.36	0.0	1.408	0.0	0.0	1.818	0.0	0.0	1.885	0.0	0.0	2.179	0.0
207	13697	13698	NS	1	0.0	220.515	10.737	0.0	29.169	15.101	0.0	146.012	14.116	0.0	15.591	14.645	0.0	1.408	0.0	0.0	1.818	0.0	0.0	1.885	0.0	0.0	2.179	0.0
208	13697	13698	NS	1	0.0	153.722	6.954	0.0	23.582	8.869	0.0	161.231	4.369	0.0	186.992	5.578	0.0	1.426	0.0	0.0	1.819	0.0	0.0	1.89	0.0	0.0	2.178	0.0
209	13697	13698	NS	1	0.0	220.515	10.623	0.0	29.169	15.724	0.0	161.242	13.363	0.0	133.264	15.36	0.0	1.408	0.0	0.0	1.818	0.0	0.0	1.885	0.0	0.0	2.179	0.0
210	13697	13698	SN	1	0.0	23.08	4.688	0.0	267.105	6.439	0.0	70.316	0.797	0.0	79.929	1.854	0.0	1.35	0.0	0.0	1.732	0.0	0.0	1.791	0.0	0.0	2.084	0.0
211	13697	13698	SN	1	0.0	28.171	12.36	0.0	190.017	12.924	0.0	78.307	7.337	0.0	83.365	9.689	0.0	1.373	0.0	0.0	1.734	0.0	0.0	1.799	0.0	0.0	2.085	0.0
212	13697	13698	NS	1	0.0	153.722	7.179	0.0	23.582	8.941	0.0	138.462	4.67	0.0	15.519	5.701	0.0	1.426	0.0	0.0	1.819	0.0	0.0	1.89	0.0	0.0	2.178	0.0
213	13697	13698	NS	1	0.0	153.722	6.949	0.0	23.582	8.871	0.0	138.462	4.371	0.0	187.008	5.58	0.0	1.426	0.0	0.0	1.819	0.0	0.0	1.89	0.0	0.0	2.178	0.0
214	13697	13698	SN	1	0.0	23.08	4.688	0.0	267.105	6.439	0.0	70.316	0.797	0.0	79.929	1.854	0.0	1.35	0.0	0.0	1.732	0.0	0.0	1.791	0.0	0.0	2.084	0.0
215	13698	13699	SN	1	0.0	23.064	4.695	0.0	20.85	6.476	0.0	73.123	0.835	0.0	21.713	1.823	0.0	1.349	0.0	0.0	1.731	0.0	0.0	1.796	0.0	0.0	2.084	0.0
216	13698	13699	SN	1	0.0	23.042	4.7	0.0	194.1	6.476	0.0	73.123	0.835	0.0	21.713	1.825	0.0	1.349	0.0	0.0	1.731	0.0	0.0	1.806	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

217	13698	13699	SN	1	0.0	28.165	12.519	0.0	23.279	12.419	0.0	74.91	7.79	0.0	13.093	8.505	0.0	1.389	0.0	0.0	1.732	0.0	0.0	1.794	0.0	0.0	2.083	0.0
218	13698	13699	NS	1	0.0	211.911	10.939	0.0	29.141	15.095	0.0	149.63	14.998	0.0	15.591	14.549	0.0	1.408	0.0	0.0	1.818	0.0	0.0	1.885	0.0	0.0	2.18	0.0
219	13698	13699	NS	1	0.0	211.911	10.749	0.0	29.141	15.744	0.0	149.63	13.479	0.0	71.419	15.313	0.0	1.408	0.0	0.0	1.818	0.0	0.0	1.885	0.0	0.0	2.18	0.0
220	13698	13699	SN	1	0.0	28.165	12.374	0.0	23.544	12.932	0.0	74.91	7.417	0.0	49.74	9.759	0.0	1.389	0.0	0.0	1.732	0.0	0.0	1.794	0.0	0.0	2.083	0.0
221	13698	13699	SN	1	0.0	23.042	4.762	0.0	194.1	6.37	0.0	73.123	0.914	0.0	10.837	1.56	0.0	1.349	0.0	0.0	1.731	0.0	0.0	1.806	0.0	0.0	2.084	0.0
222	13698	13699	NS	1	0.0	211.911	10.749	0.0	29.141	15.744	0.0	149.63	13.479	0.0	71.403	15.32	0.0	1.408	0.0	0.0	1.818	0.0	0.0	1.885	0.0	0.0	2.18	0.0
223	13698	13699	SN	1	0.0	28.176	12.364	0.0	23.544	12.932	0.0	74.91	7.417	0.0	49.74	9.752	0.0	1.389	0.0	0.0	1.732	0.0	0.0	1.794	0.0	0.0	2.085	0.0
224	13698	13699	NS	1	0.0	217.87	6.986	0.0	23.577	8.848	0.0	202.723	4.403	0.0	176.987	5.569	0.0	1.426	0.0	0.0	1.819	0.0	0.0	1.892	0.0	0.0	2.178	0.0
225	13698	13699	NS	1	0.0	217.87	6.986	0.0	23.577	8.846	0.0	202.723	4.403	0.0	176.949	5.571	0.0	1.426	0.0	0.0	1.819	0.0	0.0	1.892	0.0	0.0	2.178	0.0
226	13698	13699	NS	1	0.0	217.87	7.457	0.0	23.577	9.025	0.0	202.723	4.988	0.0	15.525	6.015	0.0	1.426	0.0	0.0	1.819	0.0	0.0	1.892	0.0	0.0	2.178	0.0
227	13699	13700	NS	1	0.0	95.181	6.965	0.0	23.577	8.823	0.0	354.854	4.398	0.0	132.25	5.53	0.0	1.43	0.0	0.0	1.819	0.0	0.0	1.891	0.0	0.0	2.179	0.0
228	13699	13700	NS	1	0.0	206.65	6.963	0.0	23.582	8.827	0.0	350.735	4.396	0.0	179.419	5.539	0.0	1.42	0.0	0.0	1.821	0.0	0.0	1.908	0.0	0.0	2.181	0.0
229	13699	13700	NS	1	0.0	95.181	10.767	0.0	29.169	15.755	0.0	202.337	13.516	0.0	69.566	15.312	0.0	1.409	0.0	0.0	1.823	0.0	0.0	1.896	0.0	0.0	2.18	0.0
230	13699	13700	NS	1	0.0	283.898	10.765	0.0	29.169	15.779	0.0	353.128	13.612	0.0	61.691	15.265	0.0	1.4	0.0	0.0	1.821	0.0	0.0	1.873	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