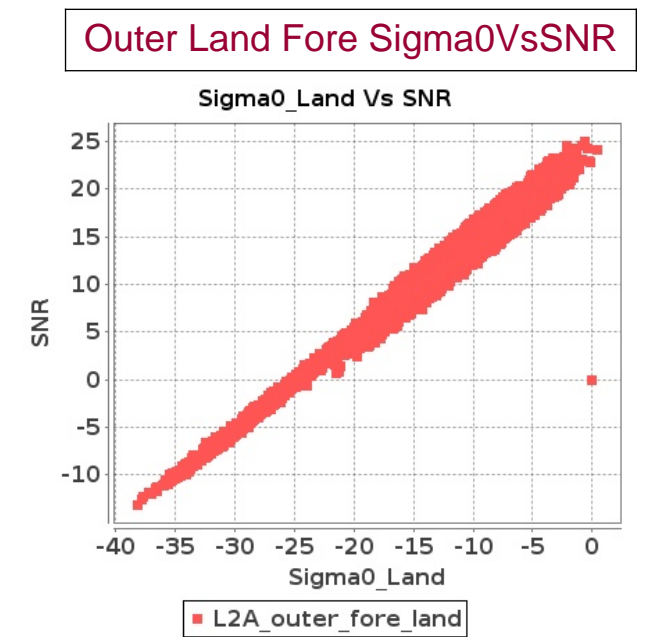
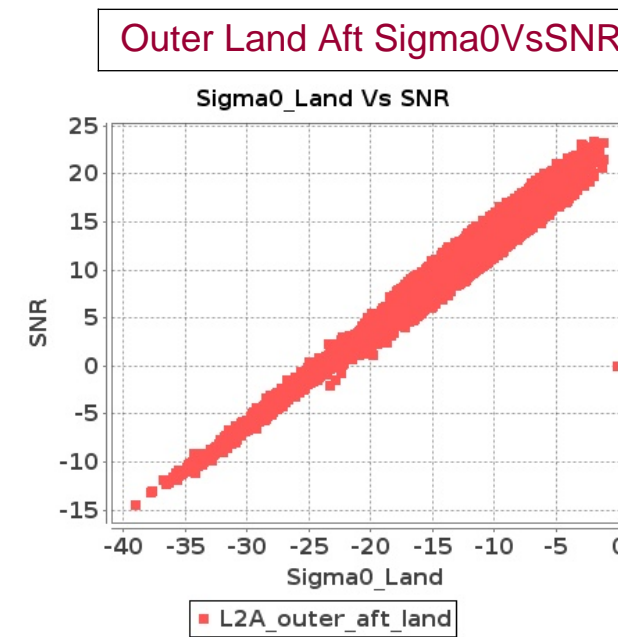
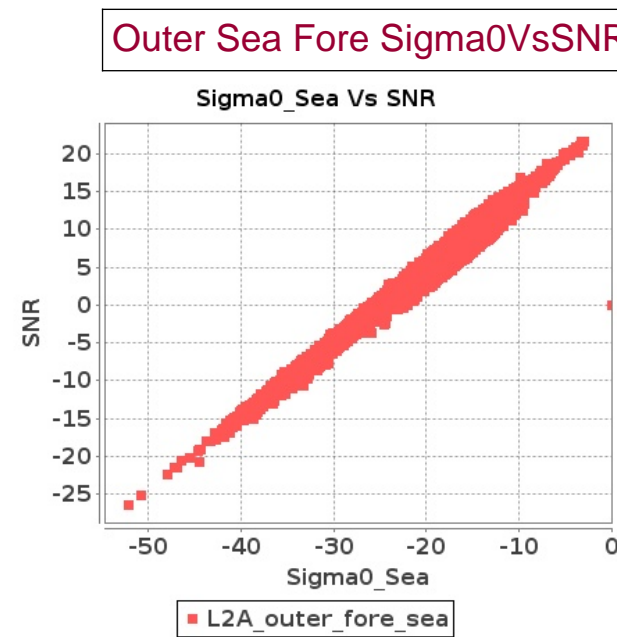
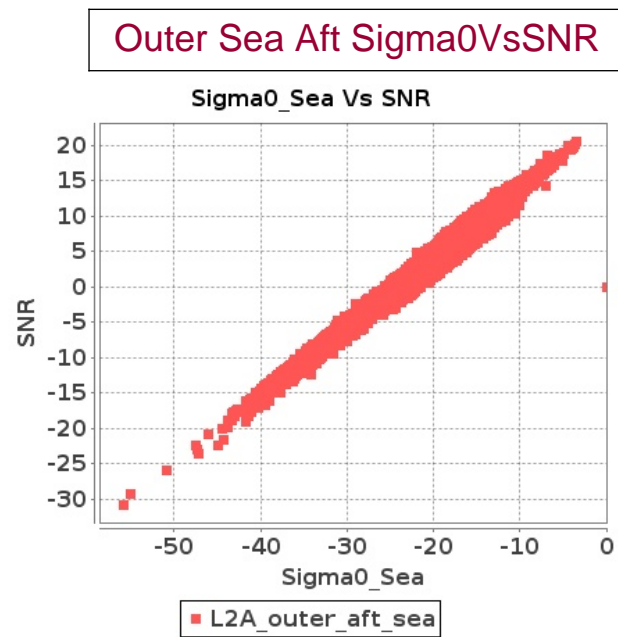
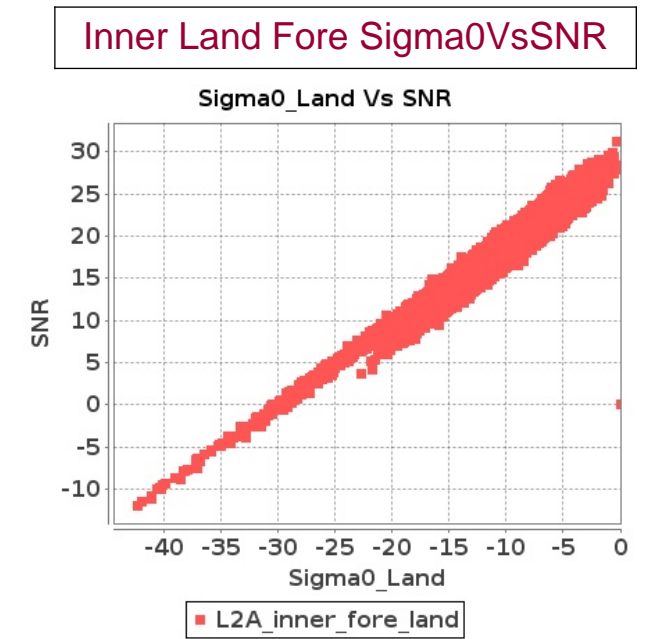
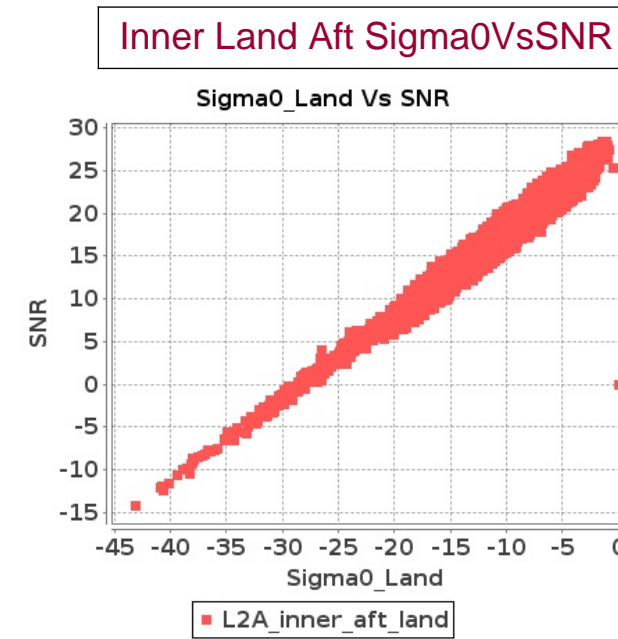
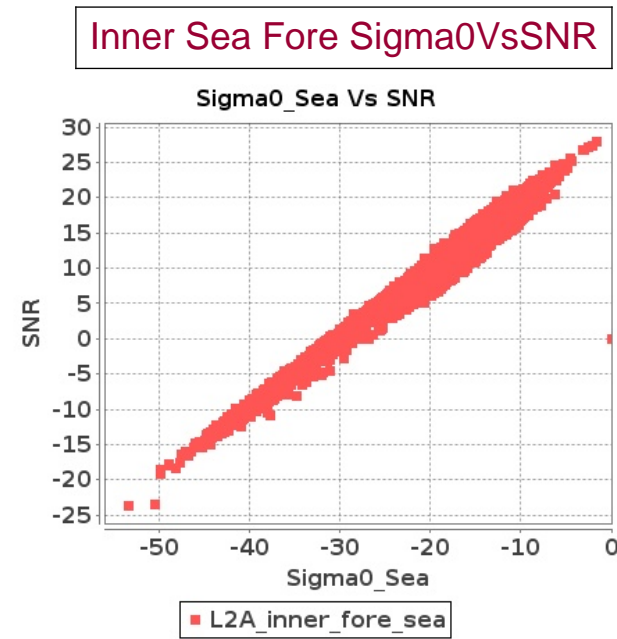
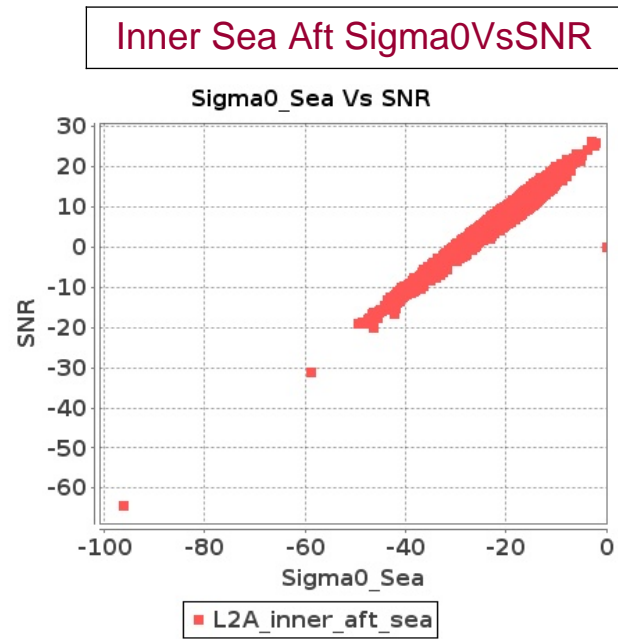


# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 28-JUL-2017 To 29-JUL-2017



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

Report between 28-JUL-2017 To 29-JUL-2017

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	4419	4420	SN	1	0.0	52.253	8.411	0.0	49.038	7.214	0.0	46.548	5.596	0.0	50.062	4.853	0.0	52.993	7.819	0.0	48.386	6.841	0.0	46.181	5.143	0.0	50.168	4.567
2	4419	4420	SN	1	0.0	47.052	2.583	0.0	46.698	2.353	0.0	42.275	1.682	0.0	39.928	1.364	0.0	48.729	2.34	0.0	46.375	2.152	0.0	40.068	1.555	0.0	39.196	1.237
3	4420	4421	NS	1	0.0	43.943	1.426	0.0	48.415	1.103	0.0	40.9	0.639	0.0	37.6	0.646	0.0	43.165	1.053	0.0	48.77	0.951	0.0	42.816	0.471	0.0	36.381	0.475
4	4420	4421	SN	1	0.0	47.873	5.402	0.0	49.922	5.389	0.0	46.563	4.577	0.0	48.362	4.603	0.0	48.571	4.96	0.0	49.244	4.945	0.0	48.034	4.457	0.0	45.626	3.955
5	4420	4421	NS	1	0.0	43.899	4.425	0.0	50.714	3.618	0.0	44.537	2.585	0.0	40.944	2.509	0.0	43.285	3.721	0.0	51.038	3.196	0.0	42.207	2.094	0.0	38.161	2.174
6	4420	4421	NS	1	0.0	48.528	1.392	0.0	45.819	1.084	0.0	40.352	0.656	0.0	40.183	0.682	0.0	47.618	1.077	0.0	44.047	0.896	0.0	36.57	0.473	0.0	38.599	0.496
7	4420	4421	NS	1	0.0	47.813	4.336	0.0	47.487	3.376	0.0	44.88	2.565	0.0	42.56	2.437	0.0	47.425	3.762	0.0	47.734	2.844	0.0	47.53	1.981	0.0	42.469	2.052
8	4420	4421	SN	1	0.0	53.703	2.001	0.0	43.994	1.958	0.0	39.88	1.393	0.0	38.579	1.334	0.0	51.706	1.724	0.0	44.458	1.698	0.0	41.078	1.244	0.0	34.946	1.108
9	4421	4422	SN	1	0.0	41.735	4.195	0.0	46.35	3.793	0.0	44.213	4.066	0.0	42.198	4.31	0.0	40.966	3.502	0.0	48.834	3.159	0.0	43.353	3.549	0.0	41.406	3.841
10	4421	4422	NS	1	0.0	43.554	3.33	0.0	45.152	2.533	0.0	43.809	2.232	0.0	38.704	2.181	0.0	44.129	2.636	0.0	43.244	2.121	0.0	44.147	1.732	0.0	36.913	1.81
11	4421	4422	SN	1	0.0	40.731	1.639	0.0	45.68	1.739	0.0	41.224	1.427	0.0	39.894	1.53	0.0	39.075	1.324	0.0	46.404	1.427	0.0	39.033	1.215	0.0	39.529	1.368
12	4421	4422	NS	1	0.0	43.554	3.33	0.0	45.152	2.533	0.0	43.809	2.232	0.0	38.704	2.181	0.0	44.129	2.636	0.0	43.244	2.121	0.0	44.147	1.732	0.0	36.913	1.81
13	4421	4422	SN	1	0.0	41.735	4.15	0.0	46.35	3.805	0.0	44.213	4.027	0.0	42.198	4.298	0.0	40.966	3.456	0.0	48.834	3.159	0.0	43.353	3.503	0.0	41.406	3.834
14	4421	4422	NS	1	0.0	44.544	1.101	0.0	40.544	0.772	0.0	46.374	0.628	0.0	40.819	0.705	0.0	42.595	0.87	0.0	39.834	0.639	0.0	42.173	0.493	0.0	38.706	0.559
15	4421	4422	NS	1	0.0	44.544	1.101	0.0	40.544	0.772	0.0	46.374	0.628	0.0	40.819	0.705	0.0	42.595	0.87	0.0	39.834	0.639	0.0	42.173	0.493	0.0	38.706	0.559
16	4421	4422	SN	1	0.0	40.731	1.658	0.0	45.68	1.757	0.0	41.224	1.435	0.0	39.894	1.537	0.0	39.075	1.339	0.0	46.404	1.443	0.0	39.033	1.224	0.0	39.529	1.373
17	4422	4423	SN	1	0.0	46.37	6.154	0.0	43.786	5.218	0.0	42.137	4.214	0.0	38.056	4.027	0.0	43.301	5.341	0.0	43.992	4.713	0.0	39.533	3.697	0.0	38.966	3.599
18	4422	4423	NS	1	0.0	41.633	1.692	0.0	49.637	1.353	0.0	40.836	1.228	0.0	42.926	1.21	0.0	40.664	1.44	0.0	44.658	1.128	0.0	41.109	1.132	0.0	42.27	0.993
19	4422	4423	NS	1	0.0	54.589	3.752	0.0	45.189	2.966	0.0	39.332	3.849	0.0	46.865	3.828	0.0	51.685	3.219	0.0	46.524	2.695	0.0	41.055	3.692	0.0	43.78	3.45
20	4422	4423	SN	1	0.0	42.918	1.95	0.0	41.166	1.676	0.0	40.986	1.563	0.0	39.481	1.432	0.0	42.269	1.651	0.0	42.07	1.45	0.0	38.004	1.279	0.0	37.855	1.203
21	4423	4424	NS	1	0.0	43.33	1.398	0.0	44.351	1.381	0.0	39.903	0.983	0.0	43.372	0.998	0.0	44.068	1.362	0.0	45.919	1.221	0.0	39.795	1.001	0.0	43.997	0.9
22	4423	4424	SN	1	0.0	38.755	2.412	0.0	42.201	1.831	0.0	38.243	1.935	0.0	41.857	1.756	0.0	36.151	2.08	0.0	42.896	1.63	0.0	35.303	1.762	0.0	37.887	1.503
23	4423	4424	SN	1	0.0	43.223	6.905	0.0	44.697	5.649	0.0	42.335	5.267	0.0	38.186	5.21	0.0	44.005	6.181	0.0	43.932	5.322	0.0	42.04	5.047	0.0	40.371	4.792
24	4423	4424	SN	1	0.0	38.755	2.388	0.0	42.201	1.811	0.0	38.243	1.92	0.0	41.857	1.734	0.0	36.151	2.069	0.0	42.896	1.61	0.0	35.303	1.749	0.0	37.887	1.482
25	4423	4424	SN	1	0.0	38.842	2.355	0.0	40.951	1.773	0.0	37.977	1.94	0.0	39.962	1.743	0.0	36.753	2.019	0.0	42.409	1.565	0.0	36.206	1.742	0.0	38.131	1.484
26	4423	4424	SN	1	0.0	44.014	6.91	0.0	44.697	5.741	0.0	42.335	5.289	0.0	38.186	5.273	0.0	44.794	6.186	0.0	43.932	5.408	0.0	40.643	5.084	0.0	40.371	4.862
27	4423	4424	SN	1	0.0	44.489	6.873	0.0	46.288	5.532	0.0	40.814	5.289	0.0	42.558	5.153	0.0	45.272	6.25	0.0	45.993	5.3	0.0	39.416	5.012	0.0	44.597	4.825
28	4423	4424	NS	1	0.0	50.773	4.568	0.0	46.893	4.291	0.0	44.739	3.772	0.0	43.754	3.421	0.0	52.193	4.447	0.0	48.113	4.0	0.0	43.066	3.65	0.0	42.28	3.157
29	4423	4424	NS	1	0.0	50.958	4.778	0.0	47.652	4.122	0.0	47.156	3.642	0.0	44.165	3.714	0.0	53.504	4.577	0.0	47.791	3.83	0.0	48.469	3.835	0.0	43.395	3.471
30	4423	4424	NS	1	0.0	45.759	1.486	0.0	45.709	1.282	0.0	44.671	0.997	0.0	40.556	1.004	0.0	43.623	1.463	0.0	43.45	1.246	0.0	42.832	0.975	0.0	42.828	0.89
31	4424	4425	NS	1	0.0	50.794	10.451	0.0	56.568	8.593	0.0	45.455	7.456	0.0	46.874	6.185	0.0	51.918	10.209	0.0	56.156	7.92	0.0	45.704	7.114	0.0	47.545	5.643

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







104	4435	4436	SN	1	0.0	45.206	7.504	0.0	52.994	6.369	0.0	40.697	5.941	0.0	43.308	5.624	0.0	43.332	7.138	0.0	49.697	5.991	0.0	44.118	5.79	0.0	41.89	5.285
105	4436	4437	SN	1	0.0	43.511	2.059	0.0	50.489	1.748	0.0	36.778	1.659	0.0	38.867	1.591	0.0	44.539	1.654	0.0	46.364	1.468	0.0	36.292	1.357	0.0	37.604	1.273
106	4436	4437	NS	1	0.0	47.881	4.898	0.0	44.131	3.476	0.0	44.606	3.35	0.0	52.937	3.199	0.0	47.671	4.245	0.0	40.466	2.944	0.0	44.482	3.272	0.0	52.273	2.872
107	4436	4437	SN	1	0.0	45.454	6.166	0.393	46.619	5.287	0.0	38.786	4.437	0.0	40.938	4.382	0.0	46.069	5.401	0.506	46.037	4.724	0.0	38.251	3.99	0.0	42.477	3.775
108	4436	4437	SN	1	0.0	45.454	6.159	0.0	46.619	5.337	0.0	38.786	4.387	0.0	40.938	4.358	0.0	46.069	5.405	0.0	46.037	4.776	0.0	38.251	3.948	0.0	42.477	3.76
109	4436	4437	SN	1	0.0	45.454	6.158	0.393	46.619	5.279	0.0	38.786	4.386	0.0	40.938	4.315	0.0	46.069	5.404	0.506	46.037	4.724	0.0	38.251	3.947	0.0	42.477	3.724
110	4436	4437	NS	1	0.0	43.033	1.655	0.0	49.131	1.223	0.0	37.635	1.1	0.0	38.875	1.023	0.0	42.693	1.422	0.0	47.302	1.001	0.0	37.955	0.997	0.0	37.583	0.855
111	4436	4437	SN	1	0.0	43.511	2.062	0.0	50.489	1.755	0.0	36.778	1.641	0.0	38.867	1.592	0.0	44.539	1.652	0.0	46.364	1.474	0.0	36.292	1.344	0.0	37.604	1.27
112	4436	4437	SN	1	0.0	43.511	2.062	0.0	50.489	1.738	0.0	36.778	1.639	0.0	38.867	1.575	0.0	44.539	1.652	0.0	46.364	1.458	0.0	36.292	1.343	0.0	37.604	1.256
113	4437	4438	SN	1	0.0	50.141	8.923	0.0	47.989	7.959	0.0	39.298	6.442	0.0	38.646	6.374	0.0	51.357	8.079	0.0	50.925	7.0	0.0	39.361	5.854	0.0	38.981	5.971
114	4437	4438	SN	1	0.0	50.141	8.921	0.0	47.989	7.873	0.0	39.298	6.441	0.0	38.646	6.302	0.0	51.357	8.077	0.0	50.925	6.924	0.0	39.361	5.853	0.0	38.981	5.903
115	4437	4438	SN	1	0.0	47.773	3.041	0.0	44.235	2.746	0.0	41.521	2.211	0.0	37.487	2.105	0.0	46.179	2.651	0.0	42.73	2.343	0.0	40.403	1.89	0.0	36.132	1.816
116	4437	4438	NS	1	0.0	55.281	6.407	0.0	46.266	5.788	0.0	45.473	3.699	0.0	45.477	3.705	0.0	57.041	5.501	0.0	47.25	5.286	0.0	43.989	3.514	0.0	44.451	3.399
117	4437	4438	SN	1	0.0	47.773	3.039	0.0	44.235	2.777	0.0	41.521	2.21	0.0	37.487	2.127	0.0	46.179	2.652	0.0	42.73	2.368	0.0	40.403	1.89	0.0	36.132	1.836
118	4437	4438	SN	1	0.0	50.141	8.748	0.0	47.989	7.941	0.0	39.298	6.436	0.0	38.646	6.407	0.0	51.357	7.894	0.0	50.925	7.012	0.0	39.361	5.913	0.0	38.981	5.999
119	4437	4438	NS	1	0.0	54.609	6.285	0.0	54.79	5.817	0.0	45.736	3.819	0.0	43.65	3.534	0.0	54.727	5.691	0.0	53.358	5.345	0.0	45.869	3.605	0.0	44.704	3.363
120	4437	4438	NS	1	0.0	51.001	1.691	0.0	45.151	1.551	0.0	39.376	0.998	0.0	42.126	0.932	0.0	47.744	1.515	0.0	47.129	1.41	0.0	41.257	0.92	0.0	40.175	0.834
121	4437	4438	NS	1	0.0	44.996	1.669	0.0	46.625	1.553	0.0	37.099	1.018	0.0	44.212	0.877	0.0	46.221	1.542	0.0	49.082	1.404	0.0	37.295	0.924	0.0	43.503	0.82
122	4437	4438	SN	1	0.0	47.773	3.035	0.0	44.235	2.796	0.0	41.521	2.216	0.0	37.487	2.128	0.0	46.179	2.659	0.0	42.73	2.386	0.0	40.403	1.908	0.0	36.132	1.843
123	4438	4439	NS	1	0.0	46.501	2.437	0.0	48.735	2.233	0.0	41.387	1.634	0.0	46.856	1.622	0.0	48.635	2.299	0.0	53.112	2.083	0.0	42.521	1.534	0.0	47.231	1.498
124	4438	4439	SN	1	0.0	46.231	7.223	0.0	52.163	6.789	0.0	38.861	5.001	0.0	40.422	4.83	0.0	46.375	6.035	0.0	53.918	5.953	0.0	38.5	4.222	0.0	39.974	4.136
125	4438	4439	SN	1	0.0	46.231	7.496	0.0	52.163	6.937	0.0	38.861	5.145	0.0	40.422	4.853	0.0	46.375	6.3	0.0	53.918	6.101	0.0	38.5	4.295	0.0	39.974	4.148
126	4438	4439	SN	1	0.0	40.763	2.361	0.0	47.242	2.12	0.0	39.496	1.767	0.0	38.805	1.683	0.0	39.542	1.957	0.0	44.616	1.708	0.0	39.246	1.466	0.0	36.52	1.346
127	4438	4439	SN	1	0.0	40.763	2.377	0.0	47.242	2.101	0.0	39.496	1.794	0.0	38.805	1.649	0.0	39.542	1.994	0.0	44.616	1.697	0.0	39.246	1.487	0.0	36.52	1.323
128	4438	4439	SN	1	0.0	46.231	7.494	0.0	52.163	6.864	0.0	38.861	5.159	0.0	40.422	4.799	0.0	46.375	6.289	0.0	53.918	6.036	0.0	38.5	4.295	0.0	39.974	4.101
129	4438	4439	NS	1	0.0	49.586	7.07	0.0	50.474	6.111	0.0	46.826	6.045	0.0	45.672	5.508	0.0	51.278	6.577	0.0	50.99	5.709	0.0	44.681	5.688	0.0	49.326	5.208
130	4438	4439	NS	1	0.0	49.408	2.515	0.0	46.8	2.248	0.0	41.995	1.661	0.0	42.666	1.609	0.0	49.618	2.382	0.0	46.784	2.099	0.0	41.52	1.516	0.0	41.206	1.41
131	4438	4439	NS	1	0.0	50.186	7.281	0.0	49.813	6.701	0.0	47.507	5.907	0.0	45.904	5.657	0.0	47.581	6.808	0.0	49.878	6.209	0.0	47.06	5.643	0.0	47.55	5.358
132	4438	4439	SN	1	0.0	40.763	2.373	0.0	47.242	2.122	0.0	39.496	1.796	0.0	38.805	1.663	0.0	39.542	1.983	0.0	44.616	1.716	0.0	39.246	1.487	0.0	36.52	1.332
133	4439	4440	SN	1	0.0	51.953	10.563	0.0	56.258	10.983	0.0	48.011	7.447	0.0	52.467	8.242	0.0	49.453	10.282	0.0	56.63	10.226	0.0	50.944	6.979	0.0	51.737	7.807
134	4439	4440	NS	1	0.0	55.203	8.429	0.0	56.238	6.109	0.0	47.675	5.807	0.0	47.422	5.072	0.0	55.109	7.654	0.0	56.514	5.697	0.0	47.17	5.401	0.0	49.548	4.552
135	4439	4440	SN	1	0.0	51.953	10.565	0.0	56.258	11.093	0.0	48.011	7.447	0.0	52.467	8.334	0.0	49.453	10.284	0.0	56.63	10.338	0.0	50.944	6.979	0.0	51.737	7.895
136	4439	4440	NS	1	0.0	51.001	8.066	0.0	56.278	6.071	0.0	49.707	6.025	0.0	46.07	4.632	0.0	51.765	7.644	0.0	55.891	5.448	0.0	49.834	5.562	0.0	47.655	4.247
137	4439	4440	SN	1	0.0	50.947	3.413	0.0	53.639	3.514	0.0	45.562	2.307	0.0	43.367	2.439	0.0	47.205	3.19	0.0	52.596	3.29	0.0	43.845	2.088	0.0	40.688	2.232
138	4439	4440	NS	1	0.0	51.379	2.517	0.0	47.897	1.961	0.0	46.231	1.899	0.0	38.144	1.496	0.0	50.643	2.281	0.0	45.286	1.665	0.0	42.587	1.697	0.0	35.289	1.302
139	4439	4440	NS	1	0.0	43.765	2.536	0.0	53.433	1.904	0.0	40.179	1.889	0.0	39.733	1.48	0.0	45.89	2.298	0.0	51.075	1.675	0.0	42.963	1.727	0.0	41.536	1.268

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

140	4439	4440	SN	1	0.0	51.953	10.402	0.0	56.258	10.583	0.0	48.011	7.527	0.0	52.467	8.124	0.0	49.453	10.052	0.0	56.63	9.794	0.0	50.944	7.085	0.0	51.737	7.695
141	4439	4440	SN	1	0.0	50.947	3.366	0.0	53.639	3.546	0.0	45.562	2.257	0.0	43.367	2.42	0.0	47.205	3.175	0.0	52.596	3.343	0.0	43.845	2.048	0.0	40.688	2.23
142	4439	4440	SN	1	0.0	50.947	3.366	0.0	53.639	3.584	0.0	45.562	2.257	0.0	43.367	2.443	0.0	47.205	3.175	0.0	52.596	3.381	0.0	43.845	2.05	0.0	40.688	2.251
143	4440	4441	SN	1	0.0	52.992	7.122	0.0	57.084	7.109	0.0	49.338	4.685	0.0	47.007	5.024	0.0	55.588	6.297	0.0	54.714	6.65	0.0	49.213	4.179	0.0	47.43	4.661
144	4440	4441	SN	1	0.0	50.595	2.507	0.0	54.006	2.562	0.0	43.998	1.296	0.0	45.918	1.577	0.0	48.655	2.176	0.0	52.017	2.282	0.0	43.039	1.133	0.0	43.896	1.336
145	4440	4441	SN	1	0.0	50.595	2.327	0.0	54.006	2.399	0.0	43.998	1.243	0.0	45.918	1.51	0.0	48.655	1.988	0.0	52.017	2.074	0.0	43.039	1.063	0.0	43.896	1.241
146	4440	4441	SN	1	0.0	52.992	8.015	0.0	57.084	8.307	0.0	49.338	5.159	0.0	47.007	5.604	0.0	55.588	7.172	0.0	54.714	7.797	0.0	49.213	4.556	0.0	47.43	5.237
147	4440	4441	SN	1	0.0	50.595	2.512	0.0	54.006	2.588	0.0	43.998	1.294	0.0	45.918	1.595	0.0	48.655	2.181	0.0	52.017	2.305	0.0	43.039	1.131	0.0	43.896	1.351
148	4440	4441	NS	1	0.0	42.267	1.596	0.0	41.546	1.537	0.0	41.054	1.434	0.0	43.336	1.527	0.0	47.021	1.295	0.0	42.961	1.268	0.0	38.62	1.217	0.0	40.521	1.27
149	4440	4441	NS	1	0.0	44.97	1.652	0.0	43.05	1.508	0.0	41.721	1.373	0.0	42.391	1.51	0.0	43.799	1.362	0.0	42.395	1.286	0.0	40.026	1.215	0.0	39.777	1.332
150	4440	4441	SN	1	0.0	52.992	8.014	0.0	57.084	8.207	0.0	49.338	5.159	0.0	47.007	5.542	0.0	55.588	7.18	0.0	54.714	7.702	0.0	49.213	4.556	0.0	47.43	5.178
151	4440	4441	NS	1	0.0	46.067	5.23	0.0	44.288	4.34	0.0	39.857	4.204	0.0	45.607	4.452	0.0	45.251	4.174	0.0	42.272	3.617	0.0	39.491	3.855	0.0	45.154	3.982
152	4440	4441	NS	1	0.003	42.668	5.029	0.0	46.223	4.091	0.0	45.637	4.109	0.0	45.242	4.333	0.125	42.851	4.225	0.0	44.791	3.408	0.0	45.246	3.689	0.0	44.327	3.841
153	4441	4442	NS	1	0.0	49.657	2.426	0.0	53.696	2.156	0.0	40.768	1.784	0.0	40.203	1.786	0.0	48.309	2.263	0.0	49.215	2.002	0.0	37.374	1.853	0.0	42.782	1.681
154	4441	4442	SN	1	0.0	44.332	5.092	0.0	51.636	5.258	0.0	52.015	3.408	0.0	46.209	3.661	0.0	47.294	4.55	0.0	51.041	4.663	0.0	50.3	3.04	0.0	46.941	3.077
155	4441	4442	SN	1	0.0	52.533	1.571	0.0	46.518	1.539	0.0	40.163	0.944	0.0	49.957	0.922	0.0	54.434	1.386	0.0	42.134	1.327	0.0	41.34	0.783	0.0	46.475	0.778
156	4441	4442	SN	1	0.0	52.533	1.571	0.0	46.518	1.539	0.0	40.163	0.944	0.0	49.957	0.922	0.0	54.434	1.386	0.0	42.134	1.327	0.0	41.34	0.783	0.0	46.475	0.778
157	4441	4442	NS	1	0.0	49.179	6.879	0.0	42.759	6.825	0.0	45.049	5.811	0.0	44.602	5.473	0.0	48.165	6.879	0.0	42.749	6.443	0.0	44.045	5.754	0.0	46.867	5.337
158	4441	4442	SN	1	0.0	44.332	5.092	0.0	51.636	5.258	0.0	52.015	3.408	0.0	46.209	3.661	0.0	47.294	4.55	0.0	51.041	4.663	0.0	50.3	3.04	0.0	46.941	3.077
159	4441	4442	NS	1	0.0	45.459	6.99	0.0	46.712	6.339	0.0	44.544	5.743	0.0	44.925	5.57	0.0	45.675	6.99	0.0	47.729	6.048	0.0	45.241	5.643	0.0	45.639	5.406
160	4441	4442	NS	1	0.0	51.834	2.542	0.0	49.275	2.108	0.0	40.828	1.77	0.0	44.142	1.837	0.0	48.831	2.354	0.0	46.488	1.933	0.0	39.486	1.749	0.0	43.544	1.668
161	4442	4443	NS	1	0.0	50.472	10.521	0.0	50.658	8.755	0.0	46.585	8.105	0.0	45.109	7.589	0.0	52.684	9.817	0.0	51.274	8.091	0.0	48.425	7.721	0.0	43.709	6.891
162	4442	4443	SN	1	0.0	48.93	5.399	0.0	51.529	5.279	0.0	45.073	4.013	0.0	41.173	4.402	0.0	46.844	4.886	0.0	51.815	4.834	0.0	44.357	3.729	0.0	39.817	3.932
163	4442	4443	NS	1	0.0	47.098	3.479	0.0	55.65	2.656	0.0	47.58	2.536	0.0	46.634	2.261	0.0	46.241	3.139	0.0	52.224	2.421	0.0	44.144	2.309	0.0	44.079	1.953
164	4442	4443	SN	1	0.0	45.327	1.73	0.0	51.988	1.688	0.0	45.336	1.21	0.0	41.003	1.309	0.0	40.775	1.475	0.0	52.821	1.532	0.0	45.974	1.125	0.0	40.455	1.087
165	4443	4444	NS	1	0.0	43.953	2.178	0.0	51.023	1.86	0.0	38.288	1.713	0.0	40.259	1.626	0.0	45.01	1.868	0.0	55.572	1.579	0.0	36.17	1.541	0.0	40.95	1.468
166	4443	4444	NS	1	0.0	53.464	7.052	0.0	51.204	5.973	0.0	46.75	5.322	0.0	48.228	4.754	0.0	55.075	6.237	0.0	50.65	5.37	0.0	46.354	5.129	0.0	47.168	4.512
167	4443	4444	SN	1	0.0	47.236	1.605	0.0	45.999	1.537	0.0	36.915	1.188	0.0	40.417	1.059	0.0	45.403	1.366	0.0	46.026	1.289	0.0	36.774	1.031	0.0	38.714	0.901
168	4443	4444	SN	1	0.0	47.73	5.315	0.0	53.19	4.946	0.0	41.339	3.749	0.0	49.439	3.84	0.0	46.095	4.732	0.0	52.295	4.442	0.0	41.403	3.366	0.0	49.174	3.484
169	4444	4445	NS	1	0.0	49.521	5.252	0.0	52.748	4.263	0.0	43.472	4.324	0.0	40.934	4.056	0.0	52.291	4.507	0.0	51.475	3.559	0.0	44.21	4.067	0.0	39.311	3.713
170	4444	4445	SN	1	0.0	42.552	1.994	0.0	49.348	1.845	0.0	40.222	1.236	0.0	45.304	1.156	0.0	40.733	1.751	0.0	45.941	1.569	0.0	40.437	1.047	0.0	43.801	0.98
171	4444	4445	NS	1	0.0	49.521	5.287	0.0	52.748	4.285	0.0	43.472	4.352	0.0	40.934	4.077	0.0	52.291	4.538	0.0	51.475	3.578	0.0	44.21	4.094	0.0	39.311	3.733
172	4444	4445	NS	1	0.0	42.431	2.006	0.0	43.214	1.651	0.0	44.64	1.441	0.0	40.545	1.375	0.0	39.934	1.698	0.0	48.669	1.438	0.0	44.874	1.277	0.0	40.188	1.153
173	4444	4445	SN	1	0.0	49.577	6.357	0.0	53.254	6.006	0.0	47.621	4.352	0.0	47.295	4.417	0.0	49.752	5.715	0.0	50.957	5.239	0.0	44.77	3.821	0.0	49.22	3.847
174	4444	4445	NS	1	0.0	42.431	2.019	0.0	43.214	1.66	0.0	44.64	1.45	0.0	40.545	1.383	0.0	39.934	1.709	0.0	48.669	1.446	0.0	44.874	1.286	0.0	40.188	1.159
175	4445	4446	NS	1	0.0	42.411	6.674	0.0	46.877	6.379	0.0	42.442	5.944	0.0	44.011	5.766	0.0	41.628	5.986	0.0	48.103	5.797	0.0	41.625	5.532	0.0	43.332	5.154

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

176	4445	4446	NS	1	0.0	42.411	6.449	0.0	46.877	6.163	0.0	42.442	5.748	0.0	44.011	5.573	0.0	41.628	5.785	0.0	48.103	5.6	0.0	41.625	5.349	0.0	43.332	4.982
177	4445	4446	SN	1	0.0	46.786	5.585	0.0	53.065	6.127	0.0	43.409	4.628	0.0	43.178	4.788	0.0	48.082	4.57	0.0	53.061	5.612	0.0	45.024	4.089	0.0	42.254	4.538
178	4445	4446	SN	1	0.0	49.786	1.573	0.0	49.243	1.849	0.0	42.747	1.483	0.0	37.014	1.433	0.0	49.711	1.366	0.0	45.537	1.605	0.0	38.471	1.255	0.0	36.476	1.245
179	4445	4446	NS	1	0.0	43.912	2.587	0.0	47.994	2.213	0.0	37.615	1.998	0.0	41.644	1.873	0.0	41.908	2.425	0.0	45.231	2.04	0.0	37.387	1.823	0.0	39.931	1.704
180	4445	4446	NS	1	0.0	43.912	2.501	0.0	47.994	2.143	0.0	37.615	1.934	0.0	41.644	1.813	0.0	41.908	2.345	0.0	45.231	1.975	0.0	37.387	1.763	0.0	39.931	1.649
181	4446	4447	SN	1	0.0	47.25	2.049	0.0	47.18	1.689	0.0	38.895	1.563	0.0	36.732	1.56	0.0	44.453	1.866	0.0	45.749	1.515	0.0	42.997	1.489	0.0	38.618	1.345
182	4446	4447	NS	1	0.0	41.699	2.968	0.0	49.575	2.724	0.0	39.02	2.056	0.0	39.035	2.238	0.0	43.408	2.514	0.0	52.816	2.381	0.0	39.45	1.942	0.0	39.215	2.052
183	4446	4447	NS	1	0.0	48.095	8.156	0.0	47.759	8.019	0.0	39.035	6.382	0.0	47.719	7.025	0.0	51.161	7.07	0.0	46.848	6.944	0.0	39.924	5.766	0.0	49.577	6.27
184	4446	4447	NS	1	0.0	48.095	8.01	0.0	47.759	7.873	0.0	39.035	6.273	0.0	47.719	6.899	0.0	51.161	6.944	0.0	46.848	6.817	0.0	39.924	5.667	0.0	49.577	6.158
185	4446	4447	SN	1	0.0	49.821	5.879	0.0	49.188	5.28	0.0	45.701	4.552	0.0	43.141	4.839	0.0	50.795	5.537	0.0	49.211	4.866	0.0	45.995	4.431	0.0	40.591	4.312
186	4446	4447	NS	1	0.0	41.699	2.917	0.0	49.575	2.68	0.0	39.02	2.019	0.0	39.035	2.201	0.0	43.408	2.471	0.0	52.816	2.34	0.0	39.45	1.905	0.0	39.215	2.018
187	4447	4448	NS	1	0.0	52.866	9.409	0.0	54.406	8.361	0.0	47.722	7.336	0.0	45.07	6.805	0.0	53.669	8.972	0.0	53.392	7.89	0.0	48.237	7.409	0.0	44.976	6.634
188	4447	4448	NS	1	0.0	53.113	3.32	0.0	45.401	2.74	0.0	43.709	2.295	0.0	44.906	2.23	0.0	51.206	3.126	0.0	43.946	2.57	0.0	44.613	2.139	0.0	44.319	2.005

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	4419	4420	SN	1	0.0	32.72	15.889	0.0	27.31	14.126	0.0	185.359	13.452	0.0	69.092	13.417	0.0	1.898	0.0	1.967	0.0	0.0	2.072	0.0	0.0	2.102	0.0	
2	4419	4420	SN	1	0.0	24.663	9.677	0.0	170.085	9.729	0.0	217.208	3.745	0.0	268.432	4.322	0.0	1.888	0.0	1.968	0.0	0.0	2.063	0.0	0.0	2.112	0.0	
3	4420	4421	NS	1	0.0	27.001	8.322	0.0	25.75	8.4	0.0	353.029	2.398	0.0	36.25	1.942	0.0	1.902	0.0	1.854	0.0	0.0	2.038	0.0	0.0	2.015	0.0	
4	4420	4421	SN	1	0.0	32.649	15.895	0.0	139.218	14.139	0.0	193.88	13.42	0.0	70.89	13.531	0.0	1.896	0.0	1.959	0.0	0.0	2.065	0.0	0.0	2.1	0.0	
5	4420	4421	NS	1	0.0	27.294	14.935	0.0	36.989	14.182	0.0	352.218	10.776	0.0	53.104	10.141	0.0	1.904	0.0	1.863	0.0	0.0	2.044	0.0	0.0	2.017	0.0	
6	4420	4421	NS	1	0.0	27.36	8.352	0.0	25.761	8.41	0.0	355.93	2.399	0.0	61.564	1.962	0.0	1.902	0.0	1.853	0.0	0.0	2.039	0.0	0.0	2.016	0.0	
7	4420	4421	NS	1	0.0	27.316	14.948	0.0	33.382	14.168	0.0	351.325	10.86	0.0	57.786	10.124	0.0	1.903	0.0	1.861	0.0	0.0	2.044	0.0	0.0	2.016	0.0	
8	4420	4421	SN	1	0.0	24.68	9.693	0.0	258.949	9.736	0.0	211.688	3.778	0.0	67.129	4.302	0.0	1.888	0.0	1.964	0.0	0.0	2.059	0.0	0.0	2.109	0.0	
9	4421	4422	SN	1	0.0	32.671	15.934	0.0	27.31	13.954	0.0	193.025	13.627	0.0	19.81	13.407	0.0	1.897	0.0	1.97	0.0	0.0	2.062	0.0	0.0	2.123	0.0	
10	4421	4422	NS	1	0.0	27.316	14.889	0.0	33.399	14.151	0.0	351.507	10.773	0.0	56.137	10.105	0.0	1.914	0.0	1.861	0.0	0.0	2.044	0.0	0.0	2.017	0.0	
11	4421	4422	SN	1	0.0	24.669	9.683	0.0	27.614	9.728	0.0	200.145	3.788	0.0	67.559	4.353	0.0	1.889	0.0	1.967	0.0	0.0	2.061	0.0	0.0	2.11	0.0	
12	4421	4422	NS	1	0.0	27.316	14.889	0.0	33.399	14.151	0.0	351.507	10.773	0.0	56.137	10.105	0.0	1.914	0.0	1.861	0.0	0.0	2.044	0.0	0.0	2.017	0.0	
13	4421	4422	SN	1	0.0	32.671	15.925	0.0	27.31	14.152	0.0	193.025	13.542	0.0	67.129	13.648	0.0	1.897	0.0	1.97	0.0	0.0	2.062	0.0	0.0	2.123	0.0	
14	4421	4422	NS	1	0.0	27.272	8.304	0.0	25.744	8.376	0.0	356.013	2.36	0.0	37.783	1.921	0.0	1.905	0.0	1.853	0.0	0.0	2.039	0.0	0.0	2.016	0.0	
15	4421	4422	NS	1	0.0	27.272	8.304	0.0	25.744	8.376	0.0	356.013	2.36	0.0	37.783	1.921	0.0	1.905	0.0	1.853	0.0	0.0	2.039	0.0	0.0	2.016	0.0	
16	4421	4422	SN	1	0.0	24.669	9.69	0.0	26.582	9.715	0.0	200.145	3.806	0.0	14.295	4.233	0.0	1.889	0.0	1.967	0.0	0.0	2.061	0.0	0.0	2.11	0.0	
17	4422	4423	SN	1	0.0	32.627	15.932	0.0	27.31	14.09	0.0	210.497	13.627	0.0	63.726	13.678	0.0	1.903	0.0	1.946	0.0	0.0	2.064	0.0	0.0	2.125	0.0	
18	4422	4423	NS	1	0.0	27.04	8.268	0.0	25.744	8.371	0.0	353.222	2.362	0.0	36.895	1.893	0.0	1.905	0.0	1.851	0.0	0.0	2.039	0.0	0.0	2.015	0.0	
19	4422	4423	NS	1	0.0	27.321	14.987	0.0	33.222	14.187	0.0	355.323	10.714	0.0	53.937	10.15	0.0	1.915	0.0	1.86	0.0	0.0	2.042	0.0	0.0	2.016	0.0	
20	4422	4423	SN	1	0.0	24.669	9.701	0.0	27.564	9.713	0.0	198.093	3.828	0.0	145.24	4.348	0.0	1.893	0.0	1.965	0.0	0.0	2.062	0.0	0.0	2.11	0.0	
21	4423	4424	NS	1	0.0	26.908	8.287	0.0	25.744	8.37	0.0	350.145	2.338	0.0	55.768	1.9	0.0	1.906	0.0	1.853	0.0	0.0	2.039	0.0	0.0	2.014	0.0	
22	4423	4424	SN	1	0.0	24.663	9.712	0.0	26.582	9.711	0.0	204.584	3.858	0.0	14.289	4.205	0.0	1.888	0.0	1.964	0.0	0.0	2.065	0.0	0.0	2.111	0.0	
23	4423	4424	SN	1	0.0	30.057	15.91	0.0	27.31	14.087	0.0	206.895	13.59	0.0	64.757	13.836	0.0	1.898	0.0	1.964	0.0	0.0	2.066	0.0	0.0	2.126	0.0	
24	4423	4424	SN	1	0.0	24.663	9.682	0.0	27.674	9.786	0.0	204.584	3.823	0.0	70.36	4.411	0.0	1.888	0.0	1.964	0.0	0.0	2.065	0.0	0.0	2.111	0.0	
25	4423	4424	SN	1	0.0	24.663	9.693	0.0	27.674	9.734	0.0	204.634	3.819	0.0	70.36	4.349	0.0	1.888	0.0	1.965	0.0	0.0	2.065	0.0	0.0	2.111	0.0	
26	4423	4424	SN	1	0.0	32.715	15.941	0.0	27.31	13.734	0.0	206.895	13.726	0.0	15.762	13.237	0.0	1.898	0.0	1.964	0.0	0.0	2.066	0.0	0.0	2.126	0.0	
27	4423	4424	SN	1	0.0	32.715	15.936	0.0	27.31	14.042	0.0	206.934	13.611	0.0	64.757	13.697	0.0	1.898	0.0	1.968	0.0	0.0	2.066	0.0	0.0	2.126	0.0	
28	4423	4424	NS	1	0.0	27.321	14.961	0.0	33.371	14.23	0.0	356.206	10.73	0.0	57.439	10.14	0.0	1.909	0.0	1.86	0.0	0.0	2.043	0.0	0.0	2.015	0.0	
29	4423	4424	NS	1	0.0	27.321	14.997	0.0	33.608	14.135	0.0	359.024	10.728	0.0	54.532	10.186	0.0	1.914	0.0	1.86	0.0	0.0	2.044	0.0	0.0	2.015	0.0	
30	4423	4424	NS	1	0.0	27.222	8.288	0.0	25.75	8.385	0.0	345.198	2.34	0.0	37.386	1.904	0.0	1.906	0.0	1.853	0.0	0.0	2.039	0.0	0.0	2.015	0.0	
31	4424	4425	NS	1	0.0	27.321	14.977	0.0	33.608	14.141	0.0	358.908	10.771	0.0	55.216	10.11	0.0	1.908	0.0	1.859	0.0	0.0	2.06	0.0	0.0	2.018	0.0	

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



32	4424	4425	NS	1	0.0	27.305	14.992	0.0	35.776	14.195	0.0	349.334	10.758	0.0	34.954	10.088	0.0	1.919	0.0	0.0	1.86	0.0	0.0	2.059	0.0	0.0	2.019	0.0
33	4424	4425	SN	1	0.0	32.638	15.94	0.0	27.299	14.037	0.0	153.604	13.6	0.0	27.404	13.62	0.0	1.897	0.0	0.0	1.934	0.0	0.0	2.067	0.0	0.0	2.111	0.0
34	4424	4425	NS	1	0.0	27.636	8.293	0.0	25.75	8.365	0.0	313.387	2.366	0.0	36.542	1.896	0.0	1.909	0.0	0.0	1.852	0.0	0.0	2.049	0.0	0.0	2.016	0.0
35	4424	4425	NS	1	0.0	27.757	8.293	0.0	25.75	8.374	0.0	342.495	2.344	0.0	37.899	1.901	0.0	1.909	0.0	0.0	1.852	0.0	0.0	2.048	0.0	0.0	2.016	0.0
36	4424	4425	SN	1	0.0	24.68	9.691	0.0	27.603	9.745	0.0	275.386	3.843	0.0	17.791	4.31	0.0	1.888	0.0	0.0	1.962	0.0	0.0	2.062	0.0	0.0	2.106	0.0
37	4425	4426	SN	1	0.0	32.825	16.025	0.006	25.705	13.399	0.0	154.183	13.835	0.0	15.078	12.849	0.0	1.897	0.0	0.0	1.934	0.0	0.0	2.068	0.0	0.0	2.109	0.0
38	4425	4426	NS	1	0.0	27.321	14.987	0.0	33.619	14.162	0.0	358.649	10.778	0.0	56.115	10.083	0.0	1.905	0.0	0.0	1.86	0.0	0.0	2.043	0.0	0.0	2.015	0.0
39	4425	4426	SN	1	0.0	24.674	9.782	0.0	26.571	9.655	0.0	222.762	3.92	0.0	14.295	4.182	0.0	1.888	0.0	0.0	1.965	0.0	0.0	2.065	0.0	0.0	2.109	0.0
40	4425	4426	SN	1	0.0	32.825	15.96	0.006	27.305	14.121	0.0	154.183	13.505	0.0	67.051	13.67	0.0	1.897	0.0	0.0	1.934	0.0	0.0	2.068	0.0	0.0	2.109	0.0
41	4425	4426	SN	1	0.0	24.674	9.703	0.0	27.625	9.733	0.0	222.762	3.804	0.0	162.249	4.369	0.0	1.888	0.0	0.0	1.965	0.0	0.0	2.065	0.0	0.0	2.109	0.0
42	4425	4426	SN	1	0.0	24.674	9.699	0.0	27.625	9.784	0.0	222.762	3.806	0.0	162.249	4.418	0.0	1.888	0.0	0.0	1.965	0.0	0.0	2.065	0.0	0.0	2.109	0.0
43	4425	4426	SN	1	0.0	31.507	15.945	0.0	27.305	14.13	0.0	154.183	13.509	0.0	67.051	13.798	0.0	1.897	0.0	0.0	1.934	0.0	0.0	2.068	0.0	0.0	2.109	0.0
44	4425	4426	NS	1	0.0	27.217	8.3	0.0	25.744	8.39	0.0	346.803	2.36	0.0	57.77	1.909	0.0	1.907	0.0	0.0	1.854	0.0	0.0	2.039	0.0	0.0	2.014	0.0
45	4426	4427	SN	1	0.0	24.674	9.674	0.0	27.636	9.723	0.0	190.94	3.787	0.0	74.083	4.286	0.0	1.888	0.0	0.0	1.965	0.0	0.0	2.063	0.0	0.0	2.108	0.0
46	4426	4427	NS	1	0.0	27.321	14.968	0.0	33.653	14.162	0.0	357.265	10.906	0.0	57.295	10.134	0.0	1.91	0.0	0.0	1.858	0.0	0.0	2.043	0.0	0.0	2.015	0.0
47	4426	4427	SN	1	0.0	32.798	16.127	0.0	25.479	13.277	0.0	151.265	13.993	0.0	14.72	12.651	0.0	1.897	0.0	0.0	1.976	0.0	0.0	2.067	0.0	0.0	2.108	0.0
48	4426	4427	SN	1	0.0	32.798	15.97	0.0	27.31	14.068	0.0	151.265	13.544	0.0	78.184	13.571	0.0	1.897	0.0	0.0	1.976	0.0	0.0	2.067	0.0	0.0	2.108	0.0
49	4426	4427	NS	1	0.0	27.183	8.288	0.0	25.744	8.404	0.0	336.241	2.377	0.0	54.659	1.932	0.0	1.904	0.0	0.0	1.852	0.0	0.0	2.038	0.0	0.0	2.015	0.0
50	4426	4427	SN	1	0.0	24.674	9.669	0.0	27.636	9.774	0.0	190.94	3.786	0.0	74.094	4.334	0.0	1.888	0.0	0.0	1.965	0.0	0.0	2.063	0.0	0.0	2.108	0.0
51	4426	4427	SN	1	0.0	24.674	9.832	0.0	26.566	9.611	0.0	190.94	3.95	0.0	14.289	4.064	0.0	1.888	0.0	0.0	1.965	0.0	0.0	2.063	0.0	0.0	2.108	0.0
52	4426	4427	SN	1	0.0	30.829	15.953	0.0	27.31	14.088	0.0	151.265	13.544	0.0	78.195	13.697	0.0	1.897	0.0	0.0	1.976	0.0	0.0	2.067	0.0	0.0	2.108	0.0
53	4426	4427	NS	1	0.0	27.07	8.274	0.0	25.75	8.389	0.0	344.773	2.369	0.0	44.589	1.906	0.0	1.904	0.0	0.0	1.852	0.0	0.0	2.038	0.0	0.0	2.015	0.0
54	4426	4427	NS	1	0.0	27.316	14.914	0.0	33.266	14.235	0.0	351.209	10.887	0.0	57.709	10.15	0.0	1.902	0.0	0.0	1.858	0.0	0.0	2.042	0.0	0.0	2.015	0.0
55	4427	4428	NS	1	0.0	27.087	8.316	0.0	25.75	8.383	0.0	345.551	2.38	0.0	45.212	1.92	0.0	1.908	0.0	0.0	1.853	0.0	0.0	2.039	0.0	0.0	2.015	0.0
56	4427	4428	NS	1	0.0	27.305	14.912	0.0	33.3	14.234	0.0	353.057	10.859	0.0	43.238	10.115	0.0	1.912	0.0	0.0	1.858	0.0	0.0	2.043	0.0	0.0	2.015	0.0
57	4427	4428	NS	1	0.0	27.305	14.902	0.0	33.3	14.244	0.0	353.068	10.866	0.0	43.232	10.122	0.0	1.913	0.0	0.0	1.857	0.0	0.0	2.043	0.0	0.0	2.015	0.0
58	4427	4428	SN	1	0.0	32.401	15.935	0.0	27.31	14.097	0.0	349.665	13.499	0.0	64.983	13.349	0.0	1.902	0.0	0.0	1.944	0.0	0.0	2.068	0.0	0.0	2.122	0.0
59	4427	4428	SN	1	0.0	32.395	15.935	0.0	27.31	14.087	0.0	349.67	13.506	0.0	64.983	13.378	0.0	1.902	0.0	0.0	1.943	0.0	0.0	2.068	0.0	0.0	2.122	0.0
60	4427	4428	NS	1	0.0	27.779	8.311	0.0	25.75	8.383	0.0	345.551	2.375	0.0	45.201	1.922	0.0	1.908	0.0	0.0	1.852	0.0	0.0	2.039	0.0	0.0	2.015	0.0
61	4427	4428	SN	1	0.0	24.685	9.711	0.0	27.658	9.724	0.0	186.87	3.755	0.0	70.873	4.307	0.0	1.888	0.0	0.0	1.96	0.0	0.0	2.065	0.0	0.0	2.108	0.0
62	4427	4428	SN	1	0.0	24.68	9.714	0.0	27.652	9.721	0.0	186.81	3.756	0.0	70.884	4.307	0.0	1.888	0.0	0.0	1.96	0.0	0.0	2.065	0.0	0.0	2.106	0.0
63	4428	4429	SN	1	0.0	24.68	9.719	0.0	27.658	9.735	0.0	205.969	3.726	0.0	71.535	4.348	0.0	1.888	0.0	0.0	1.967	0.0	0.0	2.066	0.0	0.0	2.107	0.0
64	4428	4429	NS	1	0.0	27.31	14.992	0.0	33.294	14.241	0.0	351.523	10.805	0.0	45.874	10.098	0.0	1.911	0.0	0.0	1.862	0.0	0.0	2.043	0.0	0.0	2.016	0.0
65	4428	4429	NS	1	0.0	27.503	8.298	0.0	25.75	8.37	0.0	349.83	2.365	0.0	42.195	1.896	0.0	1.907	0.0	0.0	1.852	0.0	0.0	2.038	0.0	0.0	2.014	0.0
66	4428	4429	NS	1	0.0	27.503	8.307	0.0	25.744	8.381	0.0	349.819	2.365	0.0	42.206	1.894	0.0	1.907	0.0	0.0	1.852	0.0	0.0	2.038	0.0	0.0	2.014	0.0
67	4428	4429	NS	1	0.0	27.31	14.992	0.0	33.294	14.24	0.0	351.523	10.826	0.0	45.879	10.083	0.0	1.911	0.0	0.0	1.862	0.0	0.0	2.043	0.0	0.0	2.016	0.0
68	4428	4429	SN	1	0.0	32.77	15.967	0.0	27.31	14.087	0.0	349.659	13.492	0.0	65.601	13.335	0.0	1.897	0.0	0.0	1.944	0.0	0.0	2.064	0.0	0.0	2.123	0.0

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

69	4429	4430	SN	1	0.0	24.674	9.699	0.0	27.658	9.747	0.0	202.582	3.758	0.0	68.176	4.334	0.0	1.888	0.0	0.0	1.966	0.0	0.0	2.063	0.0	0.0	2.106	0.0
70	4429	4430	NS	1	0.0	27.652	8.3	0.0	25.75	8.364	0.0	333.219	2.364	0.0	43.695	1.907	0.0	1.908	0.0	0.0	1.853	0.0	0.0	2.037	0.0	0.0	2.015	0.0
71	4429	4430	SN	1	0.0	32.969	16.009	0.0	27.305	14.088	0.0	169.277	13.564	0.0	66.544	13.449	0.0	1.897	0.0	0.0	1.954	0.0	0.0	2.069	0.0	0.0	2.124	0.0
72	4429	4430	NS	1	0.0	27.327	15.026	0.0	33.289	14.201	0.0	350.636	10.84	0.0	46.293	10.069	0.0	1.91	0.0	0.0	1.862	0.0	0.0	2.042	0.0	0.0	2.016	0.0
73	4430	4431	NS	1	0.0	27.321	15.007	0.0	33.261	14.22	0.0	355.759	10.84	0.0	46.894	10.176	0.0	1.91	0.0	0.0	1.857	0.0	0.0	2.043	0.0	0.0	2.015	0.0
74	4430	4431	SN	1	0.0	24.669	9.699	0.0	27.647	9.733	0.0	213.601	3.785	0.0	77.254	4.317	0.0	1.888	0.0	0.0	1.963	0.0	0.0	2.06	0.0	0.0	2.101	0.0
75	4430	4431	SN	1	0.0	32.831	15.947	0.0	27.305	14.097	0.0	176.69	13.564	0.0	72.594	13.567	0.0	1.897	0.0	0.0	1.952	0.0	0.0	2.066	0.0	0.0	2.124	0.0
76	4430	4431	NS	1	0.0	27.592	8.291	0.0	25.75	8.407	0.0	352.742	2.376	0.0	44.357	1.917	0.0	1.905	0.0	0.0	1.851	0.0	0.0	2.038	0.0	0.0	2.015	0.0
77	4431	4432	NS	1	0.0	27.316	15.01	0.0	33.283	14.21	0.0	332.993	10.839	0.0	53.672	10.147	0.0	1.908	0.0	0.0	1.861	0.0	0.0	2.043	0.0	0.0	2.015	0.0
78	4431	4432	SN	1	0.0	32.621	15.935	0.0	27.299	14.11	0.0	169.415	13.459	0.0	69.632	13.474	0.0	1.897	0.0	0.0	1.932	0.0	0.0	2.064	0.0	0.0	2.105	0.0
79	4431	4432	NS	1	0.0	27.316	15.075	0.0	30.956	13.98	0.0	332.993	10.947	0.0	17.455	9.918	0.0	1.908	0.0	0.0	1.861	0.0	0.0	2.043	0.0	0.0	2.015	0.0
80	4431	4432	NS	1	0.0	27.432	8.359	0.0	25.75	8.38	0.0	306.422	2.428	0.0	12.144	1.859	0.0	1.906	0.0	0.0	1.853	0.0	0.0	2.041	0.0	0.0	2.015	0.0
81	4431	4432	NS	1	0.0	27.432	8.306	0.0	25.75	8.382	0.0	306.422	2.395	0.0	44.048	1.942	0.0	1.906	0.0	0.0	1.853	0.0	0.0	2.041	0.0	0.0	2.015	0.0
82	4431	4432	SN	1	0.0	24.68	9.715	0.0	27.619	9.723	0.0	218.488	3.801	0.0	65.888	4.302	0.0	1.889	0.0	0.0	1.963	0.0	0.0	2.06	0.0	0.0	2.104	0.0
83	4432	4433	NS	1	0.0	27.31	14.977	0.0	33.686	14.149	0.0	352.18	10.921	0.0	23.946	9.979	0.0	1.908	0.0	0.0	1.862	0.0	0.0	2.044	0.0	0.0	2.016	0.0
84	4432	4433	NS	1	0.0	27.415	8.399	0.0	25.75	8.412	0.0	321.478	2.399	0.0	13.567	1.892	0.0	1.906	0.0	0.0	1.853	0.0	0.0	2.039	0.0	0.0	2.015	0.0
85	4434	4435	SN	1	0.0	24.68	9.691	0.0	27.636	9.796	0.0	202.555	3.726	0.0	142.306	4.34	0.0	1.89	0.0	0.0	1.964	0.0	0.0	2.058	0.0	0.0	2.11	0.0
86	4434	4435	SN	1	0.0	24.68	9.685	0.0	27.636	9.847	0.0	202.555	3.726	0.0	142.306	4.389	0.0	1.89	0.0	0.0	1.964	0.0	0.0	2.058	0.0	0.0	2.11	0.0
87	4434	4435	NS	1	0.0	27.371	8.291	0.0	25.75	8.383	0.0	350.669	2.368	0.0	50.694	1.922	0.0	1.907	0.0	0.0	1.853	0.0	0.0	2.038	0.0	0.0	2.015	0.0
88	4434	4435	SN	1	0.0	32.792	15.972	0.0	27.305	13.821	0.0	185.949	13.705	0.0	16.606	12.934	0.0	1.898	0.0	0.0	1.947	0.0	0.0	2.062	0.0	0.0	2.126	0.0
89	4434	4435	NS	1	0.0	27.371	8.291	0.0	25.75	8.383	0.0	350.669	2.368	0.0	50.694	1.922	0.0	1.907	0.0	0.0	1.853	0.0	0.0	2.038	0.0	0.0	2.015	0.0
90	4434	4435	SN	1	0.0	24.68	9.717	0.0	26.555	9.778	0.0	202.555	3.772	0.0	14.278	4.168	0.0	1.89	0.0	0.0	1.964	0.0	0.0	2.058	0.0	0.0	2.11	0.0
91	4434	4435	SN	1	0.0	30.04	15.927	0.0	27.305	14.138	0.0	185.949	13.566	0.0	64.685	13.454	0.0	1.898	0.0	0.0	1.947	0.0	0.0	2.062	0.0	0.0	2.126	0.0
92	4434	4435	NS	1	0.0	27.316	14.934	0.0	32.467	14.234	0.0	355.963	10.85	0.0	57.411	10.063	0.0	1.912	0.0	0.0	1.863	0.0	0.0	2.043	0.0	0.0	2.016	0.0
93	4434	4435	NS	1	0.0	27.316	14.934	0.0	32.467	14.234	0.0	355.963	10.85	0.0	57.411	10.063	0.0	1.912	0.0	0.0	1.863	0.0	0.0	2.043	0.0	0.0	2.016	0.0
94	4434	4435	SN	1	0.0	32.792	15.954	0.0	27.305	14.085	0.0	185.949	13.566	0.0	64.685	13.341	0.0	1.898	0.0	0.0	1.947	0.0	0.0	2.062	0.0	0.0	2.126	0.0
95	4435	4436	NS	1	0.0	27.939	8.288	0.0	25.755	8.378	0.0	334.355	2.34	0.0	36.382	1.885	0.0	1.906	0.0	0.0	1.854	0.0	0.0	2.037	0.0	0.0	2.015	0.0
96	4435	4436	NS	1	0.0	27.31	15.009	0.0	33.592	14.179	0.0	356.2	10.798	0.0	54.935	10.051	0.0	1.913	0.0	0.0	1.86	0.0	0.0	2.044	0.0	0.0	2.016	0.0
97	4435	4436	SN	1	0.0	24.68	9.694	0.0	27.707	9.816	0.0	192.545	3.756	0.0	67.233	4.442	0.0	1.889	0.0	0.0	1.964	0.0	0.0	2.061	0.0	0.0	2.109	0.0
98	4435	4436	SN	1	0.0	24.68	9.71	0.0	26.726	9.769	0.0	192.545	3.775	0.0	14.289	4.269	0.0	1.889	0.0	0.0	1.964	0.0	0.0	2.061	0.0	0.0	2.109	0.0
99	4435	4436	SN	1	0.0	24.68	9.71	0.0	26.577	9.767	0.0	192.545	3.775	0.0	14.289	4.264	0.0	1.889	0.0	0.0	1.964	0.0	0.0	2.061	0.0	0.0	2.109	0.0
100	4435	4436	NS	1	0.0	27.426	8.285	0.0	25.75	8.362	0.0	342.187	2.327	0.0	51.328	1.893	0.0	1.906	0.0	0.0	1.854	0.0	0.0	2.038	0.0	0.0	2.015	0.0
101	4435	4436	NS	1	0.0	27.327	14.943	0.0	33.344	14.162	0.0	357.921	10.851	0.0	58.012	10.027	0.0	1.904	0.0	0.0	1.86	0.0	0.0	2.044	0.0	0.0	2.015	0.0
102	4435	4436	SN	1	0.0	30.051	15.931	0.0	27.305	14.077	0.0	209.862	13.541	0.0	65.491	13.62	0.0	1.898	0.0	0.0	1.947	0.0	0.0	2.063	0.0	0.0	2.124	0.0
103	4435	4436	SN	1	0.0	32.599	15.966	0.0	27.305	13.864	0.0	209.862	13.613	0.0	19.926	13.263	0.0	1.898	0.0	0.0	1.947	0.0	0.0	2.063	0.0	0.0	2.124	0.0
104	4435	4436	SN	1	0.0	32.599	15.966	0.0	27.305	13.864	0.0	209.862	13.613	0.0	19.926	13.263	0.0	1.898	0.0	0.0	1.947	0.0	0.0	2.063	0.0	0.0	2.124	0.0
105	4436	4437	SN	1	0.0	24.663	9.723	0.0	47.261	9.784	0.0	221.863	3.862	0.0	14.295	4.265	0.0	1.888	0.0	0.0	1.965	0.0	0.0	2.064	0.0	0.0	2.112	0.0

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

106	4436	4437	NS	1	0.0	27.321	14.997	0.0	33.603	14.145	0.0	356.459	10.805	0.0	54.428	10.054	0.0	1.905	0.0	0.0	1.859	0.0	0.0	2.042	0.0	0.0	2.015	0.0
107	4436	4437	SN	1	0.0	32.698	15.947	0.006	194.942	13.936	0.0	182.795	13.62	0.0	18.602	13.299	0.0	1.898	0.0	0.0	1.939	0.0	0.0	2.071	0.0	0.0	2.116	0.0
108	4436	4437	SN	1	0.0	30.768	15.905	0.0	194.942	14.122	0.0	182.795	13.536	0.0	66.235	13.735	0.0	1.898	0.0	0.0	1.939	0.0	0.0	2.071	0.0	0.0	2.116	0.0
109	4436	4437	SN	1	0.0	32.698	15.932	0.006	194.942	14.111	0.0	182.795	13.535	0.0	66.235	13.607	0.0	1.898	0.0	0.0	1.939	0.0	0.0	2.071	0.0	0.0	2.116	0.0
110	4436	4437	NS	1	0.0	27.845	8.254	0.0	27.04	8.332	0.0	335.728	2.328	0.0	36.746	1.88	0.0	1.906	0.0	0.0	1.854	0.0	0.0	2.038	0.0	0.0	2.015	0.0
111	4436	4437	SN	1	0.0	24.663	9.708	0.0	47.261	9.848	0.0	221.863	3.833	0.0	156.91	4.456	0.0	1.888	0.0	0.0	1.965	0.0	0.0	2.064	0.0	0.0	2.112	0.0
112	4436	4437	SN	1	0.0	24.663	9.712	0.0	47.261	9.799	0.0	221.863	3.832	0.0	156.91	4.407	0.0	1.888	0.0	0.0	1.965	0.0	0.0	2.064	0.0	0.0	2.112	0.0
113	4437	4438	SN	1	0.0	30.757	15.947	0.0	27.288	14.133	0.0	207.64	13.565	0.0	67.311	13.721	0.0	1.897	0.0	0.0	1.938	0.0	0.0	2.071	0.0	0.0	2.115	0.0
114	4437	4438	SN	1	0.0	32.737	15.973	0.0	27.288	14.111	0.0	207.64	13.563	0.0	67.311	13.593	0.0	1.897	0.0	0.0	1.938	0.0	0.0	2.071	0.0	0.0	2.115	0.0
115	4437	4438	SN	1	0.0	24.685	9.702	0.0	27.652	9.781	0.0	274.542	3.818	0.0	147.832	4.414	0.0	1.888	0.0	0.0	1.963	0.0	0.0	2.065	0.0	0.0	2.11	0.0
116	4437	4438	NS	1	0.0	27.332	14.965	0.0	33.586	14.129	0.0	359.112	10.763	0.0	55.801	10.046	0.0	1.907	0.0	0.0	1.86	0.0	0.0	2.042	0.0	0.0	2.015	0.0
117	4437	4438	SN	1	0.0	24.685	9.699	0.0	27.652	9.83	0.0	274.542	3.819	0.0	147.832	4.463	0.0	1.888	0.0	0.0	1.963	0.0	0.0	2.065	0.0	0.0	2.11	0.0
118	4437	4438	SN	1	0.0	32.737	15.974	0.0	27.288	13.796	0.0	207.64	13.685	0.0	16.65	13.163	0.0	1.897	0.0	0.0	1.938	0.0	0.0	2.071	0.0	0.0	2.115	0.0
119	4437	4438	NS	1	0.0	27.294	14.982	0.0	34.667	14.165	0.0	349.715	10.779	0.0	35.285	10.01	0.0	1.903	0.0	0.0	1.862	0.0	0.0	2.042	0.0	0.0	2.015	0.0
120	4437	4438	NS	1	0.0	27.647	8.252	0.0	27.051	8.352	0.0	344.189	2.3	0.0	37.05	1.865	0.0	1.906	0.0	0.0	1.852	0.0	0.0	2.038	0.0	0.0	2.014	0.0
121	4437	4438	NS	1	0.0	27.945	8.247	0.0	27.04	8.342	0.0	292.259	2.299	0.0	57.395	1.871	0.0	1.906	0.0	0.0	1.852	0.0	0.0	2.038	0.0	0.0	2.015	0.0
122	4437	4438	SN	1	0.0	24.685	9.723	0.0	25.49	9.751	0.0	274.542	3.865	0.0	14.306	4.238	0.0	1.888	0.0	0.0	1.963	0.0	0.0	2.065	0.0	0.0	2.11	0.0
123	4438	4439	NS	1	0.0	27.878	8.245	0.0	27.046	8.336	0.0	352.152	2.294	0.0	58.382	1.864	0.0	1.905	0.0	0.0	1.852	0.0	0.0	2.038	0.0	0.0	2.013	0.0
124	4438	4439	SN	1	0.0	32.77	15.979	0.0	26.748	13.652	0.0	213.028	13.791	0.0	15.878	13.057	0.0	1.898	0.0	0.0	1.933	0.0	0.0	2.07	0.0	0.0	2.115	0.0
125	4438	4439	SN	1	0.0	30.597	15.936	0.0	27.299	14.079	0.0	213.028	13.607	0.0	73.978	13.761	0.0	1.898	0.0	0.0	1.933	0.0	0.0	2.07	0.0	0.0	2.115	0.0
126	4438	4439	SN	1	0.0	24.685	9.727	0.0	25.496	9.75	0.0	228.928	3.879	0.0	14.295	4.211	0.0	1.888	0.0	0.0	1.963	0.0	0.0	2.066	0.0	0.0	2.11	0.0
127	4438	4439	SN	1	0.0	24.685	9.69	0.0	27.658	9.795	0.0	228.928	3.815	0.0	67.3	4.384	0.0	1.888	0.0	0.0	1.963	0.0	0.0	2.066	0.0	0.0	2.11	0.0
128	4438	4439	SN	1	0.0	32.77	15.963	0.0	27.299	14.061	0.0	213.028	13.607	0.0	74.011	13.635	0.0	1.898	0.0	0.0	1.933	0.0	0.0	2.07	0.0	0.0	2.115	0.0
129	4438	4439	NS	1	0.0	27.31	14.985	0.0	33.586	14.132	0.0	358.869	10.799	0.0	55.757	10.032	0.0	1.913	0.0	0.0	1.86	0.0	0.0	2.042	0.0	0.0	2.014	0.0
130	4438	4439	NS	1	0.0	27.818	8.245	0.0	27.035	8.347	0.0	352.152	2.304	0.0	37.645	1.857	0.0	1.905	0.0	0.0	1.853	0.0	0.0	2.037	0.0	0.0	2.014	0.0
131	4438	4439	NS	1	0.0	27.31	14.954	0.0	33.2	14.175	0.0	349.952	10.787	0.0	57.025	10.031	0.0	1.913	0.0	0.0	1.86	0.0	0.0	2.042	0.0	0.0	2.014	0.0
132	4438	4439	SN	1	0.0	24.685	9.69	0.0	27.658	9.839	0.0	228.928	3.812	0.0	76.78	4.442	0.0	1.888	0.0	0.0	1.963	0.0	0.0	2.066	0.0	0.0	2.11	0.0
133	4439	4440	SN	1	0.0	32.583	15.986	0.0	27.31	14.092	0.0	86.122	13.512	0.0	54.565	13.599	0.0	1.899	0.0	0.0	1.94	0.0	0.0	2.067	0.0	0.0	2.085	0.0
134	4439	4440	NS	1	0.0	27.31	14.886	0.0	33.575	14.187	0.0	350.288	10.809	0.0	57.93	9.988	0.0	1.91	0.0	0.0	1.861	0.0	0.0	2.041	0.0	0.0	2.014	0.0
135	4439	4440	SN	1	0.0	30.371	15.959	0.0	27.31	14.134	0.0	86.122	13.512	0.0	54.565	13.722	0.0	1.899	0.0	0.0	1.94	0.0	0.0	2.067	0.0	0.0	2.085	0.0
136	4439	4440	NS	1	0.0	27.31	14.975	0.0	32.555	14.172	0.0	351.303	10.753	0.0	39.851	9.949	0.0	1.901	0.0	0.0	1.862	0.0	0.0	2.042	0.0	0.0	2.014	0.0
137	4439	4440	SN	1	0.0	24.669	9.771	0.0	25.49	9.741	0.0	263.104	3.918	0.0	14.295	4.193	0.0	1.889	0.0	0.0	1.96	0.0	0.0	2.064	0.0	0.0	2.111	0.0
138	4439	4440	NS	1	0.0	28.06	8.277	0.0	25.75	8.296	0.0	349.328	2.301	0.0	41.561	1.882	0.0	1.906	0.0	0.0	1.854	0.0	0.0	2.037	0.0	0.0	2.014	0.0
139	4439	4440	NS	1	0.0	27.818	8.254	0.0	25.744	8.311	0.0	352.428	2.297	0.0	44.787	1.88	0.0	1.907	0.0	0.0	1.854	0.0	0.0	2.037	0.0	0.0	2.014	0.0
140	4439	4440	SN	1	0.0	32.583	16.011	0.0	25.788	13.482	0.0	86.122	13.811	0.0	15.552	12.822	0.0	1.899	0.0	0.0	1.94	0.0	0.0	2.067	0.0	0.0	2.085	0.0
141	4439	4440	SN	1	0.0	24.669	9.71	0.0	27.663	9.804	0.0	263.104	3.805	0.0	161.355	4.387	0.0	1.889	0.0	0.0	1.96	0.0	0.0	2.064	0.0	0.0	2.111	0.0
142	4439	4440	SN	1	0.0	24.669	9.705	0.0	27.663	9.854	0.0	263.104	3.805	0.0	161.559	4.438	0.0	1.889	0.0	0.0	1.96	0.0	0.0	2.064	0.0	0.0	2.111	0.0

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

143	4440	4441	SN	1	0.0	37.965	16.122	0.0	25.534	13.322	0.0	167.38	13.948	0.0	14.731	12.37	0.0	1.898	0.0	0.0	1.938	0.0	0.0	2.068	0.0	0.0	2.109	0.0
144	4440	4441	SN	1	0.0	24.658	9.734	0.0	27.663	9.772	0.0	262.95	3.777	0.0	277.962	4.358	0.0	1.889	0.0	0.0	1.962	0.0	0.0	2.064	0.0	0.0	2.107	0.0
145	4440	4441	SN	1	0.0	24.658	9.856	0.0	26.555	9.682	0.0	262.95	3.946	0.0	14.289	4.12	0.0	1.889	0.0	0.0	1.962	0.0	0.0	2.064	0.0	0.0	2.107	0.0
146	4440	4441	SN	1	0.0	30.332	15.96	0.0	27.305	14.124	0.0	167.38	13.535	0.0	67.129	13.419	0.0	1.898	0.0	0.0	1.938	0.0	0.0	2.068	0.0	0.0	2.109	0.0
147	4440	4441	SN	1	0.0	24.658	9.731	0.0	27.663	9.824	0.0	262.95	3.777	0.0	277.962	4.405	0.0	1.889	0.0	0.0	1.962	0.0	0.0	2.064	0.0	0.0	2.107	0.0
148	4440	4441	NS	1	0.0	27.79	8.256	0.0	27.04	8.313	0.0	352.693	2.336	0.0	45.763	1.88	0.0	1.906	0.0	0.0	1.859	0.0	0.0	2.038	0.0	0.0	2.013	0.0
149	4440	4441	NS	1	0.0	28.011	8.272	0.0	27.04	8.323	0.0	349.968	2.34	0.0	42.427	1.873	0.0	1.906	0.0	0.0	1.856	0.0	0.0	2.039	0.0	0.0	2.013	0.0
150	4440	4441	SN	1	0.0	37.965	15.987	0.0	27.305	14.082	0.0	167.38	13.535	0.0	67.14	13.299	0.0	1.898	0.0	0.0	1.938	0.0	0.0	2.068	0.0	0.0	2.109	0.0
151	4440	4441	NS	1	0.0	27.305	14.937	0.0	33.592	14.237	0.0	353.757	10.837	0.0	49.894	10.03	0.0	1.912	0.0	0.0	1.862	0.0	0.0	2.041	0.0	0.0	2.014	0.0
152	4440	4441	NS	1	0.0	27.321	15.017	0.0	32.61	14.164	0.0	351.59	10.782	0.0	46.822	10.02	0.0	1.907	0.0	0.0	1.862	0.0	0.0	2.042	0.0	0.0	2.015	0.0
153	4441	4442	NS	1	0.0	28.104	8.282	0.0	25.75	8.349	0.0	350.327	2.328	0.0	43.232	1.882	0.0	1.905	0.0	0.0	1.852	0.0	0.0	2.038	0.0	0.0	2.014	0.0
154	4441	4442	SN	1	0.0	32.792	16.0	0.0	27.299	14.08	0.0	351.716	13.52	0.0	73.129	13.263	0.0	1.898	0.0	0.0	1.941	0.0	0.0	2.064	0.0	0.0	2.12	0.0
155	4441	4442	SN	1	0.0	24.691	9.712	0.0	27.724	9.798	0.0	183.749	3.73	0.0	70.2	4.291	0.0	1.89	0.0	0.0	1.961	0.0	0.0	2.063	0.0	0.0	2.103	0.0
156	4441	4442	SN	1	0.0	24.691	9.712	0.0	27.724	9.798	0.0	183.749	3.73	0.0	70.2	4.291	0.0	1.89	0.0	0.0	1.961	0.0	0.0	2.063	0.0	0.0	2.103	0.0
157	4441	4442	NS	1	0.0	27.305	15.026	0.0	32.671	14.273	0.0	355.82	10.782	0.0	46.911	10.076	0.0	1.91	0.0	0.0	1.86	0.0	0.0	2.043	0.0	0.0	2.015	0.0
158	4441	4442	SN	1	0.0	32.792	16.0	0.0	27.299	14.08	0.0	351.716	13.52	0.0	73.129	13.263	0.0	1.898	0.0	0.0	1.941	0.0	0.0	2.064	0.0	0.0	2.12	0.0
159	4441	4442	NS	1	0.0	27.305	14.925	0.0	33.244	14.225	0.0	355.82	10.859	0.0	59.694	9.994	0.0	1.914	0.0	0.0	1.86	0.0	0.0	2.043	0.0	0.0	2.014	0.0
160	4441	4442	NS	1	0.0	27.763	8.257	0.0	25.75	8.335	0.0	355.908	2.338	0.0	46.662	1.895	0.0	1.906	0.0	0.0	1.853	0.0	0.0	2.038	0.0	0.0	2.014	0.0
161	4442	4443	NS	1	0.0	27.321	15.017	0.0	32.698	14.202	0.0	354.353	10.783	0.0	53.17	10.062	0.0	1.911	0.0	0.0	1.857	0.0	0.0	2.041	0.0	0.0	2.015	0.0
162	4442	4443	SN	1	0.0	32.836	16.005	0.0	27.299	14.08	0.0	351.772	13.477	0.0	73.785	13.206	0.0	1.898	0.0	0.0	1.942	0.0	0.0	2.067	0.0	0.0	2.122	0.0
163	4442	4443	NS	1	0.0	28.088	8.264	0.0	25.75	8.327	0.0	348.115	2.319	0.0	44.876	1.88	0.0	1.908	0.0	0.0	1.852	0.0	0.0	2.038	0.0	0.0	2.014	0.0
164	4442	4443	SN	1	0.0	24.674	9.737	0.0	27.74	9.797	0.0	240.118	3.717	0.0	70.939	4.266	0.0	1.889	0.0	0.0	1.966	0.0	0.0	2.065	0.0	0.0	2.104	0.0
165	4443	4444	NS	1	0.0	27.917	8.227	0.0	25.75	8.291	0.0	348.391	2.336	0.0	40.0	1.881	0.0	1.906	0.0	0.0	1.853	0.0	0.0	2.038	0.0	0.0	2.013	0.0
166	4443	4444	NS	1	0.0	27.31	14.94	0.0	37.061	14.158	0.0	354.364	10.893	0.0	50.688	10.021	0.0	1.904	0.0	0.0	1.859	0.0	0.0	2.041	0.0	0.0	2.013	0.0
167	4443	4444	SN	1	0.0	24.696	9.718	0.0	27.663	9.825	0.0	208.77	3.711	0.0	66.737	4.284	0.0	1.889	0.0	0.0	1.962	0.0	0.0	2.063	0.0	0.0	2.103	0.0
168	4443	4444	SN	1	0.0	32.616	16.005	0.0	27.283	14.133	0.0	351.794	13.579	0.0	62.446	13.209	0.0	1.897	0.0	0.0	1.932	0.0	0.0	2.065	0.0	0.0	2.12	0.0
169	4444	4445	NS	1	0.0	27.305	14.941	0.0	36.669	14.126	0.0	354.849	10.82	0.0	51.251	10.021	0.0	1.905	0.0	0.0	1.86	0.0	0.0	2.043	0.0	0.0	2.014	0.0
170	4444	4445	SN	1	0.0	24.674	9.715	0.0	27.663	9.818	0.0	217.241	3.722	0.0	67.862	4.347	0.0	1.889	0.0	0.0	1.955	0.0	0.0	2.059	0.0	0.0	2.102	0.0
171	4444	4445	NS	1	0.0	27.305	14.95	0.0	32.605	14.049	0.0	354.849	10.87	0.0	23.77	9.923	0.0	1.905	0.0	0.0	1.86	0.0	0.0	2.043	0.0	0.0	2.014	0.0
172	4444	4445	NS	1	0.0	27.983	8.267	0.0	25.744	8.279	0.0	348.7	2.322	0.0	40.552	1.868	0.0	1.906	0.0	0.0	1.853	0.0	0.0	2.037	0.0	0.0	2.013	0.0
173	4444	4445	SN	1	0.0	32.61	15.959	0.0	27.288	14.153	0.0	137.699	13.553	0.0	63.478	13.252	0.0	1.897	0.0	0.0	1.931	0.0	0.0	2.062	0.0	0.0	2.109	0.0
174	4444	4445	NS	1	0.0	27.983	8.285	0.0	25.744	8.278	0.0	348.7	2.337	0.0	13.964	1.83	0.0	1.906	0.0	0.0	1.853	0.0	0.0	2.037	0.0	0.0	2.013	0.0
175	4445	4446	NS	1	0.0	27.299	15.107	0.0	30.956	13.748	0.0	354.38	11.071	0.0	14.218	9.504	0.0	1.912	0.0	0.0	1.862	0.0	0.0	2.041	0.0	0.0	2.015	0.0
176	4445	4446	NS	1	0.0	27.299	14.899	0.0	35.82	14.195	0.0	354.38	10.798	0.0	52.089	10.028	0.0	1.912	0.0	0.0	1.862	0.0	0.0	2.041	0.0	0.0	2.015	0.0
177	4445	4446	SN	1	0.0	32.538	15.98	0.0	27.305	14.111	0.0	162.704	13.522	0.0	65.38	13.273	0.0	1.898	0.0	0.0	1.934	0.0	0.0	2.064	0.0	0.0	2.113	0.0
178	4445	4446	SN	1	0.0	24.68	9.722	0.0	27.661	9.797	0.0	242.472	3.748	0.0	73.548	4.354	0.0	1.89	0.0	0.0	1.958	0.0	0.0	2.062	0.0	0.0	2.106	0.0
179	4445	4446	NS	1	0.0	28.093	8.396	0.0	25.75	8.349	0.0	354.38	2.43	0.0	11.587	1.803	0.0	1.906	0.0	0.0	1.853	0.0	0.0	2.037	0.0	0.0	2.014	0.0

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

180	4445	4446	NS	1	0.0	28.093	8.267	0.0	25.75	8.304	0.0	354.38	2.35	0.0	41.313	1.874	0.0	1.906	0.0	0.0	1.853	0.0	0.0	2.037	0.0	0.0	2.014	0.0
181	4446	4447	SN	1	0.0	24.685	9.722	0.0	27.691	9.786	0.0	244.712	3.763	0.0	71.844	4.392	0.0	1.888	0.0	0.0	1.96	0.0	0.0	2.059	0.0	0.0	2.105	0.0
182	4446	4447	NS	1	0.0	27.9	8.363	0.0	25.75	8.376	0.0	310.757	2.387	0.0	11.692	1.806	0.0	1.908	0.0	0.0	1.853	0.0	0.0	2.039	0.0	0.0	2.014	0.0
183	4446	4447	NS	1	0.0	27.305	15.041	0.0	30.95	13.888	0.0	338.094	10.973	0.0	15.128	9.71	0.0	1.904	0.0	0.0	1.86	0.0	0.0	2.043	0.0	0.0	2.014	0.0
184	4446	4447	NS	1	0.0	27.305	14.954	0.0	36.134	14.197	0.0	338.094	10.828	0.0	53.065	10.035	0.0	1.904	0.0	0.0	1.86	0.0	0.0	2.043	0.0	0.0	2.014	0.0
185	4446	4447	SN	1	0.0	32.511	15.968	0.0	27.305	14.094	0.0	156.152	13.535	0.0	65.066	13.277	0.0	1.896	0.0	0.0	1.939	0.0	0.0	2.064	0.0	0.0	2.091	0.0
186	4446	4447	NS	1	0.0	27.9	8.301	0.0	25.75	8.362	0.0	310.757	2.346	0.0	38.776	1.888	0.0	1.908	0.0	0.0	1.853	0.0	0.0	2.039	0.0	0.0	2.014	0.0
187	4447	4448	NS	1	0.0	27.31	15.686	0.0	30.967	13.479	0.0	352.047	12.134	0.0	12.844	9.528	0.0	1.905	0.0	0.0	1.861	0.0	0.0	2.043	0.0	0.0	2.015	0.0
188	4447	4448	NS	1	0.0	27.851	8.935	0.0	25.761	8.591	0.0	324.627	2.712	0.0	11.609	1.962	0.0	1.905	0.0	0.0	1.852	0.0	0.0	2.038	0.0	0.0	2.014	0.0

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