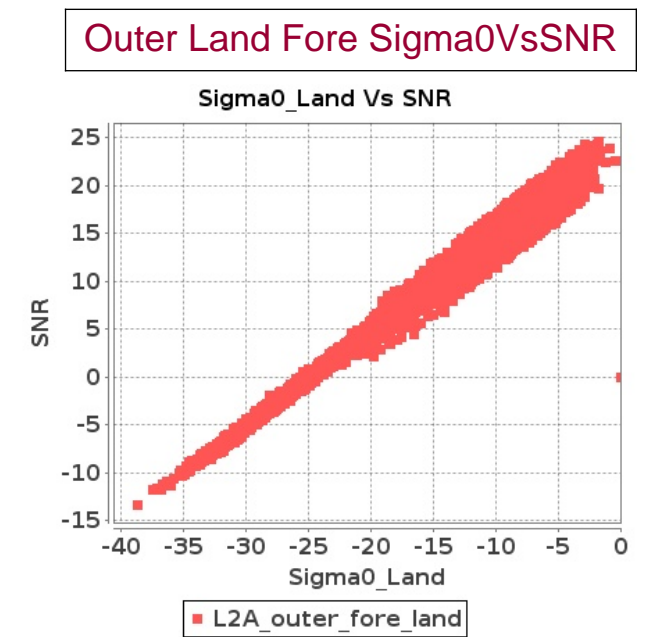
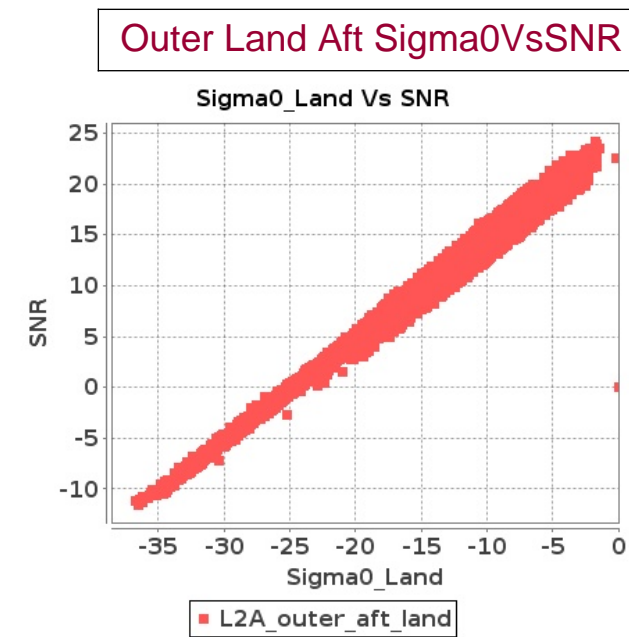
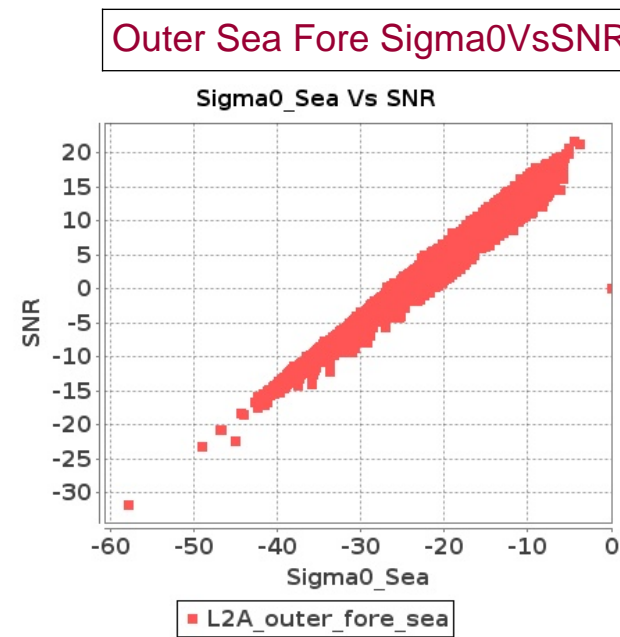
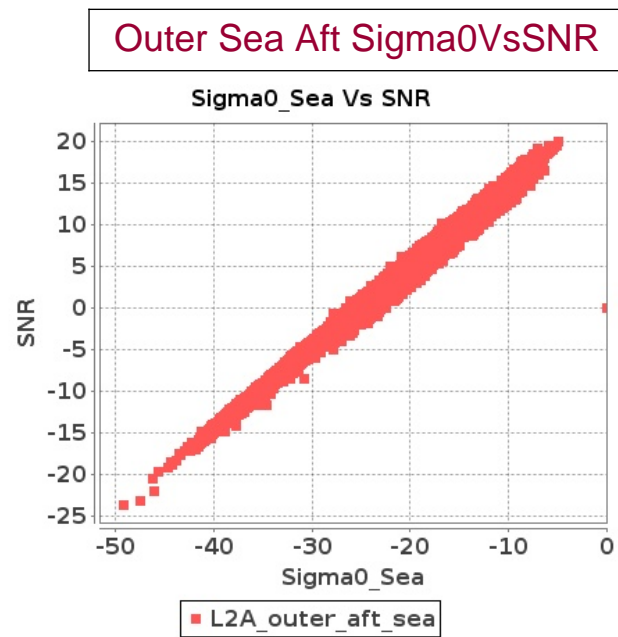
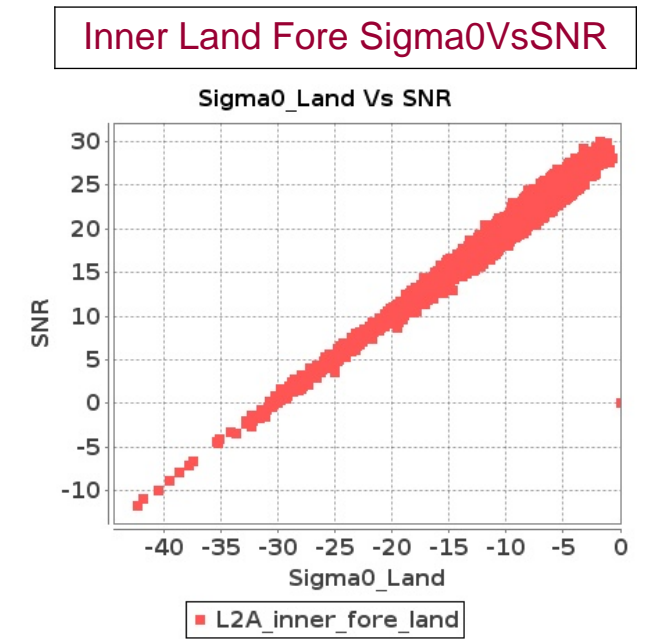
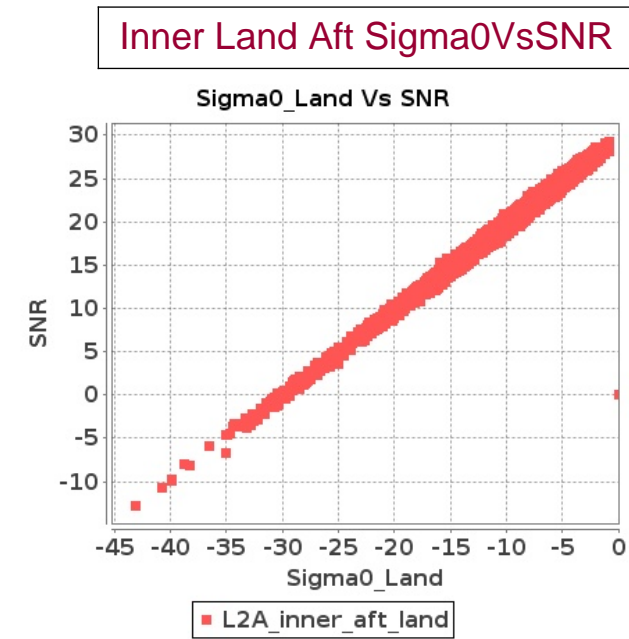
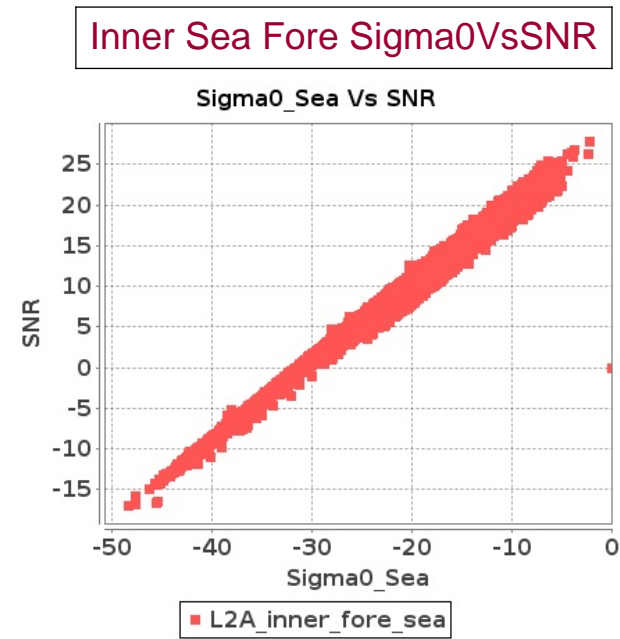
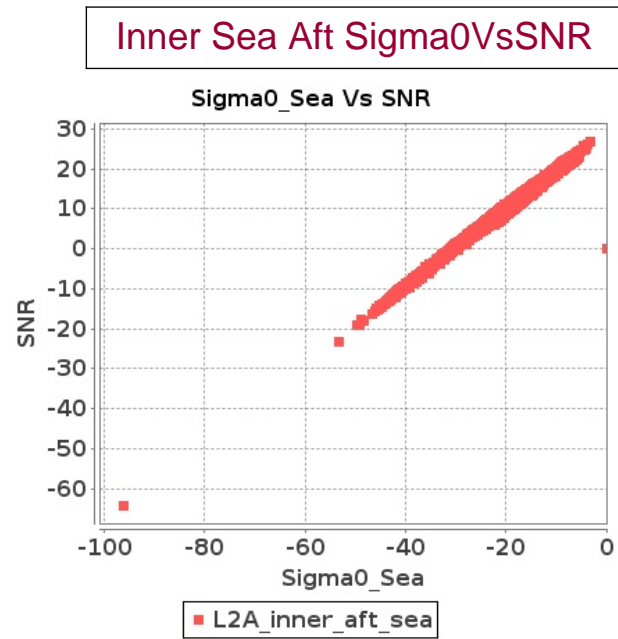


# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 26-APR-2019 To 27-APR-2019



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

Report between 26-APR-2019 To 27-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	13656	13657	SN	1	0.0	54.133	1.14	0.0	46.936	1.646	0.0	47.629	0.962	0.0	49.326	1.359	0.0	55.234	1.151	0.0	46.55	1.572	0.0	47.336	0.937	0.0	50.791	1.274
2	13656	13657	NS	1	0.0	47.451	1.813	0.0	50.203	2.573	0.0	47.236	1.373	0.0	51.549	2.147	0.0	50.213	1.802	0.0	51.553	2.344	0.0	48.605	1.227	0.0	48.535	1.673
3	13656	13657	SN	1	0.0	57.723	4.419	0.0	53.109	5.7	0.0	43.627	3.554	0.0	49.648	4.68	0.0	60.005	4.46	0.0	51.032	5.617	0.0	44.023	3.462	0.0	48.692	4.298
4	13656	13657	NS	1	0.0	53.795	7.037	0.0	54.535	9.184	0.0	46.599	5.623	0.0	49.504	7.856	0.0	53.038	7.078	0.0	54.976	8.592	0.0	44.383	5.205	0.0	46.064	6.355
5	13657	13658	NS	1	0.0	48.584	1.176	0.0	47.623	1.488	0.0	40.966	1.108	0.0	42.699	1.511	0.0	49.967	1.174	0.0	47.809	1.454	0.0	39.204	1.106	0.0	39.067	1.439
6	13657	13658	SN	1	0.0	51.122	4.459	0.0	51.988	5.294	0.0	45.827	4.326	0.0	45.853	5.163	0.0	51.653	4.459	0.0	52.09	5.457	0.0	46.547	4.475	0.0	43.526	5.206
7	13657	13658	NS	1	0.0	54.267	3.543	0.0	50.401	5.001	0.0	50.075	3.936	0.0	45.937	4.855	0.0	56.63	3.513	0.0	50.893	4.676	0.0	51.423	3.978	0.0	44.896	4.549
8	13657	13658	SN	1	0.0	40.473	1.226	0.0	43.868	1.667	0.0	38.245	1.377	0.0	43.344	1.535	0.0	39.112	1.296	0.0	43.746	1.71	0.0	37.897	1.398	0.0	41.387	1.611
9	13658	13659	SN	1	0.0	37.168	1.039	0.0	44.082	1.57	0.0	42.49	1.454	0.0	40.38	2.007	0.0	36.306	1.062	0.0	43.171	1.456	0.0	43.142	1.442	0.0	39.253	1.831
10	13658	13659	NS	1	0.0	43.465	2.172	0.0	45.898	2.985	0.0	45.499	2.875	0.0	42.238	4.095	0.0	44.671	2.081	0.0	45.029	2.477	0.0	46.755	2.662	0.0	41.916	3.192
11	13658	13659	SN	1	0.0	44.352	1.035	0.0	42.954	1.596	0.0	42.49	1.446	0.0	40.726	2.009	0.0	43.49	1.042	0.0	42.042	1.488	0.0	43.142	1.421	0.0	39.601	1.842
12	13658	13659	NS	1	0.0	43.638	0.696	0.0	43.851	1.111	0.0	38.884	1.015	0.0	38.307	1.334	0.0	44.005	0.691	0.0	40.35	0.917	0.0	39.491	0.938	0.0	37.478	1.036
13	13658	13659	SN	1	0.0	52.098	3.999	0.0	40.072	4.922	0.0	39.985	4.593	0.0	41.75	5.667	0.0	52.494	3.918	0.0	39.097	4.768	0.0	39.939	4.579	0.0	42.534	5.336
14	13658	13659	SN	1	0.0	53.727	3.969	0.0	39.244	4.819	0.0	49.454	4.437	0.0	47.078	5.652	0.0	54.122	3.857	0.0	38.476	4.634	0.0	46.566	4.515	0.0	47.859	5.278
15	13659	13660	NS	1	0.0	42.798	0.915	0.0	50.127	1.337	0.0	40.706	0.811	0.0	42.765	1.34	0.0	41.207	0.924	0.0	48.621	1.175	0.0	39.588	0.766	0.0	44.849	1.145
16	13659	13660	SN	1	0.0	44.779	2.624	0.0	43.568	3.237	0.0	47.094	2.598	0.0	40.301	3.742	0.0	44.67	2.583	0.0	43.437	3.053	0.0	43.553	2.321	0.0	38.096	3.1
17	13659	13660	NS	1	0.0	59.945	3.968	0.0	50.468	5.438	0.0	43.554	3.333	0.0	48.252	4.841	0.0	62.94	4.039	0.0	52.223	4.89	0.0	43.018	3.106	0.0	49.603	4.23
18	13659	13660	NS	1	0.0	59.945	3.968	0.0	50.389	5.417	0.0	43.554	3.319	0.0	48.252	4.855	0.0	62.94	4.029	0.0	52.25	4.87	0.0	43.018	3.078	0.0	49.603	4.23
19	13659	13660	SN	1	0.0	47.355	0.567	0.0	41.082	0.911	0.0	37.745	0.922	0.0	42.383	1.274	0.0	47.686	0.542	0.0	40.858	0.765	0.0	39.037	0.837	0.0	40.435	0.919
20	13659	13660	SN	1	0.0	47.355	0.567	0.0	41.082	0.911	0.0	37.745	0.922	0.0	42.383	1.274	0.0	47.686	0.542	0.0	40.858	0.765	0.0	39.037	0.837	0.0	40.435	0.919
21	13659	13660	SN	1	0.0	44.779	2.624	0.0	43.568	3.237	0.0	47.094	2.598	0.0	40.301	3.742	0.0	44.67	2.583	0.0	43.437	3.053	0.0	43.553	2.321	0.0	38.096	3.1
22	13659	13660	NS	1	0.0	42.798	0.926	0.0	50.796	1.346	0.0	40.709	0.802	0.0	48.2	1.344	0.0	41.406	0.933	0.0	48.684	1.186	0.0	39.588	0.756	0.0	48.179	1.142
23	13660	13661	SN	1	0.0	41.444	0.819	0.0	42.937	1.034	0.0	43.248	1.013	0.0	41.288	1.442	0.0	42.557	0.796	0.0	40.264	0.927	0.0	43.537	0.931	0.0	40.866	1.202
24	13660	13661	NS	1	0.0	56.837	5.281	0.0	53.973	5.78	0.0	46.017	5.261	0.0	46.784	6.067	0.0	57.012	5.342	0.0	55.578	5.536	0.0	43.278	5.226	0.0	47.61	5.625
25	13660	13661	NS	1	0.0	47.295	1.489	0.0	46.49	1.856	0.0	44.365	1.368	0.0	41.571	1.91	0.0	47.294	1.501	0.0	49.698	1.813	0.0	46.54	1.407	0.0	44.744	1.764
26	13660	13661	NS	1	0.0	56.786	5.291	0.0	53.973	5.749	0.0	46.017	5.254	0.0	43.915	6.017	0.0	56.96	5.342	0.0	55.578	5.485	0.0	43.278	5.212	0.0	45.134	5.618
27	13660	13661	SN	1	0.0	43.29	3.112	0.0	43.395	4.086	0.0	39.866	2.989	0.0	40.883	4.286	0.0	43.49	3.112	0.0	44.395	3.668	0.0	39.109	2.897	0.0	39.557	3.687
28	13660	13661	SN	1	0.0	43.29	3.112	0.0	43.395	4.075	0.0	39.866	2.989	0.0	40.883	4.286	0.0	43.49	3.112	0.0	44.395	3.668	0.0	39.109	2.897	0.0	39.557	3.687
29	13660	13661	NS	1	0.0	47.244	1.474	0.0	49.806	1.852	0.0	44.365	1.371	0.0	41.571	1.903	0.0	47.242	1.487	0.0	53.015	1.809	0.0	46.54	1.405	0.0	43.262	1.776
30	13660	13661	SN	1	0.0	41.444	0.819	0.0	42.937	1.034	0.0	43.248	1.013	0.0	41.288	1.441	0.0	42.557	0.796	0.0	40.264	0.927	0.0	43.537	0.931	0.0	40.866	1.202
31	13661	13662	NS	1	0.0	46.899	1.782	0.0	54.014	2.813	0.0	38.311	1.654	0.0	46.749	2.512	0.0	45.464	1.816	0.0	54.981	2.634	0.0	38.136	1.659	0.0	48.271	2.399

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







140	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
141	13682	13683	NS	1	0.0	44.762	1.135	0.0	43.779	1.739	0.0	37.897	1.408	0.0	40.406	1.824	0.0	44.437	1.097	0.0	44.607	1.565	0.0	37.619	1.28	0.0	39.681	1.565
142	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
143	13682	13683	NS	1	0.0	48.783	3.211	0.0	47.306	4.829	0.0	43.364	3.886	0.0	47.658	5.403	0.0	49.663	3.11	0.0	46.66	4.519	0.0	45.399	3.73	0.0	50.02	4.874
144	13683	13684	NS	1	0.0	41.532	1.162	0.0	48.734	1.675	0.0	40.527	1.113	0.0	36.783	1.779	0.0	42.672	1.13	0.0	49.089	1.463	0.0	39.591	1.003	0.0	36.525	1.401
145	13683	13684	SN	1	0.0	46.209	5.017	0.0	42.642	5.544	0.0	42.572	4.574	0.0	43.089	6.184	0.0	45.493	5.17	0.0	41.055	5.4	0.0	42.346	4.781	0.0	41.985	6.04
146	13683	13684	NS	1	0.0	46.345	3.921	0.0	53.871	5.498	0.0	47.219	3.604	0.0	46.441	4.897	0.0	47.113	3.951	0.0	53.383	4.744	0.0	44.652	3.384	0.0	43.728	4.277
147	13683	13684	NS	1	0.0	46.345	3.921	0.0	53.871	5.498	0.0	47.219	3.604	0.0	46.441	4.897	0.0	47.113	3.951	0.0	53.383	4.744	0.0	44.652	3.384	0.0	43.728	4.277
148	13683	13684	NS	1	0.0	41.532	1.162	0.0	48.734	1.675	0.0	40.527	1.113	0.0	36.783	1.779	0.0	42.672	1.13	0.0	49.089	1.463	0.0	39.591	1.003	0.0	36.525	1.401
149	13684	13685	SN	1	0.0	52.106	9.477	0.0	51.616	12.438	0.0	51.869	19.344	0.0	51.673	21.011	0.0	50.742	8.097	0.0	49.229	9.267	0.0	49.213	15.355	0.0	48.294	15.377
150	13684	13685	SN	1	0.0	49.424	13.153	0.648	48.825	14.786	0.0	49.94	25.183	0.0	50.78	25.346	0.0	47.595	11.903	0.579	45.857	12.016	0.0	48.195	21.441	0.0	47.474	20.431
151	13684	13685	NS	1	0.0	49.062	1.537	0.0	51.733	2.173	0.0	48.635	1.46	0.0	46.995	1.868	0.0	51.742	1.541	0.0	49.622	2.1	0.0	46.946	1.551	0.0	46.878	1.841
152	13684	13685	NS	1	0.0	47.162	5.107	0.0	50.418	6.317	0.0	49.597	4.912	0.0	51.394	6.383	0.0	49.234	5.259	0.0	50.768	6.215	0.0	49.86	4.997	0.0	54.064	6.039
153	13684	13685	SN	1	0.0	49.782	10.633	0.0	51.616	13.757	0.0	51.869	21.336	0.0	51.673	23.146	0.0	48.011	9.098	0.0	49.229	10.227	0.0	49.213	16.925	0.0	48.294	16.959
154	13684	13685	SN	1	0.0	49.424	14.716	0.648	48.825	16.347	0.0	49.94	27.665	0.0	50.78	27.826	0.0	47.595	13.39	0.579	48.255	13.236	0.0	48.195	23.628	0.0	47.474	22.593
155	13684	13685	SN	1	0.0	51.487	9.452	0.0	51.065	12.481	0.0	50.239	19.386	0.0	50.431	21.035	0.0	49.181	8.061	0.0	48.679	9.279	0.0	48.344	15.364	0.0	49.144	15.361
156	13684	13685	NS	1	0.0	47.162	5.107	0.0	50.418	6.317	0.0	49.597	4.912	0.0	51.394	6.383	0.0	49.234	5.259	0.0	50.768	6.215	0.0	49.86	4.997	0.0	54.064	6.039
157	13684	13685	SN	1	0.0	49.714	13.081	0.648	50.021	14.857	0.0	51.373	25.162	0.0	50.059	25.382	0.0	48.737	11.863	0.579	46.462	11.965	0.0	49.909	21.598	0.0	47.079	20.531

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

Sr No	Start Orbit	End Orbit	Dir.	Ver.	Azimuth Angle												Incidence Angle											
					Inner Aft			Inner Fore			Outer Aft			Outer Fore			Inner Aft			Inner Fore			Outer Aft			Outer Fore		
					Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)
1	13656	13657	SN	1	0.0	23.163	4.878	0.0	58.914	6.349	0.0	49.646	1.064	0.0	48.571	1.46	0.0	1.373	0.0	0.0	1.743	0.0	0.0	1.8	0.0	2.089	0.0	
2	13656	13657	NS	1	0.0	53.473	6.942	0.0	23.654	8.556	0.0	349.224	4.129	0.0	173.904	5.304	0.0	1.425	0.0	0.0	1.813	0.0	0.0	1.88	0.0	2.173	0.0	
3	13656	13657	SN	1	0.0	28.325	12.331	0.0	208.415	12.788	0.0	80.778	8.056	0.0	44.964	9.965	0.0	1.379	0.0	0.0	1.74	0.0	0.0	1.798	0.0	2.088	0.0	
4	13656	13657	NS	1	0.0	206.804	10.389	0.0	29.285	15.429	0.0	147.981	13.331	0.0	71.441	15.061	0.0	1.394	0.0	0.0	1.812	0.0	0.0	1.873	0.0	2.172	0.0	
5	13657	13658	NS	1	0.0	265.892	6.973	0.0	23.626	8.584	0.0	144.303	4.164	0.0	176.767	5.292	0.0	1.424	0.0	0.0	1.813	0.0	0.0	1.881	0.0	2.172	0.0	
6	13657	13658	SN	1	0.0	28.369	12.35	0.0	23.273	12.868	0.0	83.613	8.068	0.0	277.457	10.141	0.0	1.379	0.0	0.0	1.739	0.0	0.0	1.808	0.0	2.091	0.0	
7	13657	13658	NS	1	0.0	269.769	10.366	0.0	29.246	15.5	0.0	146.073	13.276	0.0	70.074	15.012	0.0	1.395	0.0	0.0	1.811	0.0	0.0	1.863	0.0	2.171	0.0	
8	13657	13658	SN	1	0.0	23.152	4.936	0.0	20.389	6.408	0.0	72.042	1.037	0.0	106.536	1.471	0.0	1.372	0.0	0.0	1.738	0.0	0.0	1.807	0.0	2.09	0.0	
9	13658	13659	SN	1	0.0	23.163	4.927	0.0	20.372	6.376	0.0	70.52	0.996	0.0	45.752	1.365	0.0	1.372	0.0	0.0	1.738	0.0	0.0	1.807	0.0	2.089	0.0	
10	13658	13659	NS	1	0.0	24.238	10.312	0.0	29.246	15.381	0.0	355.98	13.219	0.0	72.269	14.964	0.0	1.407	0.0	0.0	1.811	0.0	0.0	1.863	0.0	2.171	0.0	
11	13658	13659	SN	1	0.0	23.163	4.927	0.0	20.372	6.376	0.0	70.52	0.996	0.0	45.752	1.365	0.0	1.372	0.0	0.0	1.738	0.0	0.0	1.807	0.0	2.089	0.0	
12	13658	13659	NS	1	0.0	23.615	6.931	0.0	23.615	8.509	0.0	356.84	4.017	0.0	178.631	5.131	0.0	1.426	0.0	0.0	1.813	0.0	0.0	1.881	0.0	2.171	0.0	
13	13658	13659	SN	1	0.0	28.325	12.262	0.0	23.279	12.824	0.0	81.765	7.955	0.0	46.844	9.944	0.0	1.378	0.0	0.0	1.74	0.0	0.0	1.808	0.0	2.092	0.0	
14	13658	13659	SN	1	0.0	28.325	12.262	0.0	23.279	12.824	0.0	81.765	7.955	0.0	46.844	9.944	0.0	1.378	0.0	0.0	1.74	0.0	0.0	1.808	0.0	2.092	0.0	
15	13659	13660	NS	1	0.0	265.622	6.97	0.0	23.621	8.583	0.0	217.467	4.147	0.0	179.431	5.251	0.0	1.431	0.0	0.0	1.813	0.0	0.0	1.88	0.0	2.173	0.0	
16	13659	13660	SN	1	0.0	28.38	12.286	0.0	23.273	12.936	0.0	85.471	7.823	0.0	75.614	9.936	0.0	1.394	0.0	0.0	1.738	0.0	0.0	1.788	0.0	2.091	0.0	
17	13659	13660	NS	1	0.0	80.924	10.447	0.0	31.209	15.583	0.0	353.476	13.247	0.0	70.294	14.978	0.0	1.398	0.0	0.0	1.815	0.0	0.0	1.875	0.0	2.172	0.0	
18	13659	13660	NS	1	0.0	271.231	10.417	0.0	31.215	15.593	0.0	353.476	13.269	0.0	70.316	14.971	0.0	1.399	0.0	0.0	1.815	0.0	0.0	1.862	0.0	2.172	0.0	
19	13659	13660	SN	1	0.0	23.146	4.959	0.0	20.497	6.408	0.0	131.069	1.007	0.0	137.693	1.311	0.0	1.366	0.0	0.0	1.738	0.0	0.0	1.795	0.0	2.09	0.0	
20	13659	13660	SN	1	0.0	23.146	4.959	0.0	20.497	6.408	0.0	131.069	1.007	0.0	137.693	1.311	0.0	1.366	0.0	0.0	1.738	0.0	0.0	1.795	0.0	2.09	0.0	
21	13659	13660	SN	1	0.0	28.38	12.286	0.0	23.273	12.936	0.0	85.471	7.823	0.0	75.614	9.936	0.0	1.394	0.0	0.0	1.738	0.0	0.0	1.788	0.0	2.091	0.0	
22	13659	13660	NS	1	0.0	142.819	6.967	0.0	23.621	8.59	0.0	222.952	4.147	0.0	179.48	5.238	0.0	1.419	0.0	0.0	1.813	0.0	0.0	1.88	0.0	2.173	0.0	
23	13660	13661	SN	1	0.0	25.082	4.911	0.0	69.293	6.367	0.0	74.182	0.986	0.0	33.906	1.268	0.0	1.365	0.0	0.0	1.738	0.0	0.0	1.796	0.0	2.091	0.0	
24	13660	13661	NS	1	0.0	24.26	10.37	0.0	29.246	15.549	0.0	154.428	13.316	0.0	129.801	15.108	0.0	1.393	0.0	0.0	1.813	0.0	0.0	1.873	0.0	2.171	0.0	
25	13660	13661	NS	1	0.0	23.621	6.994	0.0	23.621	8.599	0.0	174.878	4.14	0.0	184.626	5.3	0.0	1.427	0.0	0.0	1.813	0.0	0.0	1.882	0.0	2.173	0.0	
26	13660	13661	NS	1	0.0	24.26	10.35	0.0	29.241	15.529	0.0	232.256	13.302	0.0	129.746	15.086	0.0	1.393	0.0	0.0	1.813	0.0	0.0	1.873	0.0	2.171	0.0	
27	13660	13661	SN	1	0.0	30.2	12.377	0.0	193.406	12.98	0.0	82.543	7.872	0.0	44.787	9.806	0.0	1.391	0.0	0.0	1.739	0.0	0.0	1.788	0.0	2.091	0.0	
28	13660	13661	SN	1	0.0	30.2	12.377	0.0	193.406	12.97	0.0	82.543	7.872	0.0	44.793	9.806	0.0	1.391	0.0	0.0	1.739	0.0	0.0	1.788	0.0	2.091	0.0	
29	13660	13661	NS	1	0.0	23.593	6.994	0.0	23.621	8.611	0.0	264.701	4.137	0.0	184.537	5.295	0.0	1.428	0.0	0.0	1.813	0.0	0.0	1.88	0.0	2.173	0.0	
30	13660	13661	SN	1	0.0	25.082	4.911	0.0	69.293	6.369	0.0	74.182	0.986	0.0	33.912	1.268	0.0	1.365	0.0	0.0	1.738	0.0	0.0	1.796	0.0	2.091	0.0	
31	13661	13662	NS	1	0.0	64.15	6.944	0.0	23.643	8.537	0.0	341.122	4.143	0.0	182.475	5.214	0.0	1.427	0.0	0.0	1.813	0.0	0.0	1.88	0.0	2.172	0.0	

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

32	13661	13662	NS	1	0.0	92.081	10.381	0.0	29.241	15.422	0.0	147.11	13.229	0.0	68.441	14.891	0.0	1.404	0.0	0.0	1.814	0.0	0.0	1.873	0.0	0.0	2.172	0.0
33	13661	13662	SN	1	0.0	94.224	4.955	0.0	72.318	6.349	0.0	100.026	1.062	0.0	254.892	1.151	0.0	1.392	0.0	0.0	1.737	0.0	0.0	1.855	0.0	0.0	2.09	0.0
34	13661	13662	NS	1	0.0	64.15	6.951	0.0	23.643	8.541	0.0	348.678	4.134	0.0	182.552	5.212	0.0	1.418	0.0	0.0	1.813	0.0	0.0	1.88	0.0	0.0	2.173	0.0
35	13661	13662	SN	1	0.0	94.329	12.377	0.0	183.145	12.621	0.0	92.729	8.134	0.0	256.1	9.128	0.0	1.392	0.0	0.0	1.743	0.0	0.0	1.797	0.0	0.0	2.123	0.0
36	13661	13662	SN	1	0.0	94.224	4.89	0.0	63.166	6.417	0.0	100.009	1.026	0.0	254.892	1.36	0.0	1.392	0.0	0.0	1.737	0.0	0.0	1.855	0.0	0.0	2.09	0.0
37	13661	13662	NS	1	0.0	92.081	10.391	0.0	29.241	15.453	0.0	228.131	13.222	0.0	68.408	14.891	0.0	1.404	0.0	0.0	1.814	0.0	0.0	1.873	0.0	0.0	2.172	0.0
38	13661	13662	SN	1	0.0	94.329	12.363	0.0	183.15	12.967	0.0	92.729	7.957	0.0	256.1	10.048	0.0	1.392	0.0	0.0	1.743	0.0	0.0	1.797	0.0	0.0	2.123	0.0
39	13662	13663	SN	1	0.0	28.275	11.837	0.0	23.279	13.604	0.0	15.475	7.464	0.0	279.134	10.753	0.0	1.373	0.0	0.0	1.738	0.0	0.0	1.799	0.0	0.0	2.089	0.0
40	13662	13663	SN	1	0.0	23.13	4.786	0.0	18.244	6.805	0.0	11.118	0.855	0.0	240.628	1.585	0.0	1.359	0.0	0.0	1.736	0.0	0.0	1.794	0.0	0.0	2.089	0.0
41	13662	13663	NS	1	0.0	165.519	6.801	0.0	23.632	8.745	0.0	139.692	3.999	0.0	153.946	5.781	0.0	1.43	0.0	0.0	1.815	0.0	0.0	1.883	0.0	0.0	2.173	0.0
42	13662	13663	NS	1	0.0	79.987	10.055	0.0	29.246	15.609	0.0	259.544	12.993	0.0	143.897	16.025	0.0	1.404	0.0	0.0	1.814	0.0	0.0	1.873	0.0	0.0	2.171	0.0
43	13663	13664	SN	1	0.0	28.264	11.738	0.0	23.273	12.691	0.0	13.71	7.43	0.0	241.94	9.379	0.0	1.364	0.0	0.0	1.738	0.0	0.0	1.798	0.0	0.0	2.087	0.0
44	13663	13664	NS	1	0.0	24.321	9.836	0.0	29.246	16.612	0.0	254.978	12.685	0.0	148.061	17.011	0.0	1.405	0.0	0.0	1.814	0.0	0.0	1.881	0.0	0.0	2.172	0.0
45	13663	13664	SN	1	0.0	23.113	4.851	0.0	199.387	6.57	0.0	10.721	0.858	0.0	173.599	1.435	0.0	1.359	0.0	0.0	1.737	0.0	0.0	1.801	0.0	0.0	2.089	0.0
46	13663	13664	NS	1	0.0	80.996	6.799	0.0	23.632	9.519	0.0	210.353	4.004	0.0	137.517	6.424	0.0	1.43	0.0	0.0	1.814	0.0	0.0	1.881	0.0	0.0	2.174	0.0
47	13664	13665	SN	1	0.0	28.766	12.344	0.0	23.273	12.805	0.0	76.35	7.78	0.0	64.139	9.942	0.0	1.371	0.0	0.0	1.738	0.0	0.0	1.804	0.0	0.0	2.087	0.0
48	13664	13665	SN	1	0.0	23.648	4.808	0.0	20.389	6.333	0.0	70.14	0.942	0.0	48.284	1.501	0.0	1.358	0.0	0.0	1.736	0.0	0.0	1.804	0.0	0.0	2.088	0.0
49	13664	13665	SN	1	0.0	23.648	4.808	0.0	20.389	6.333	0.0	70.14	0.942	0.0	48.284	1.501	0.0	1.358	0.0	0.0	1.736	0.0	0.0	1.804	0.0	0.0	2.088	0.0
50	13664	13665	NS	1	0.0	88.971	10.418	0.0	29.246	15.456	0.0	355.809	13.404	0.0	72.644	15.084	0.0	1.4	0.0	0.0	1.814	0.0	0.0	1.862	0.0	0.0	2.176	0.0
51	13664	13665	NS	1	0.0	157.95	6.932	0.0	23.637	8.611	0.0	356.867	4.221	0.0	134.996	5.322	0.0	1.424	0.0	0.0	1.815	0.0	0.0	1.882	0.0	0.0	2.175	0.0
52	13665	13666	NS	1	0.0	119.623	10.515	0.0	31.259	15.575	0.0	353.382	13.244	0.0	138.272	15.039	0.0	1.399	0.0	0.0	1.816	0.0	0.0	1.862	0.0	0.0	2.173	0.0
53	13665	13666	NS	1	0.0	154.324	6.945	0.0	23.643	8.608	0.0	278.808	4.142	0.0	137.004	5.286	0.0	1.429	0.0	0.0	1.814	0.0	0.0	1.881	0.0	0.0	2.174	0.0
54	13665	13666	NS	1	0.0	154.324	6.945	0.0	23.643	8.608	0.0	278.808	4.142	0.0	137.004	5.286	0.0	1.429	0.0	0.0	1.814	0.0	0.0	1.881	0.0	0.0	2.174	0.0
55	13666	13667	SN	1	0.0	23.113	4.821	0.0	20.458	6.277	0.0	74.916	0.905	0.0	275.593	1.511	0.0	1.357	0.0	0.0	1.737	0.0	0.0	1.794	0.0	0.0	2.088	0.0
56	13666	13667	SN	1	0.0	28.259	12.248	0.0	23.284	12.823	0.0	83.194	7.585	0.0	149.713	9.875	0.0	1.371	0.0	0.0	1.738	0.0	0.0	1.798	0.0	0.0	2.091	0.0
57	13667	13668	SN	1	0.0	23.13	4.808	0.0	18.144	6.453	0.0	32.616	0.904	0.0	205.492	1.63	0.0	1.359	0.0	0.0	1.735	0.0	0.0	1.804	0.0	0.0	2.088	0.0
58	13667	13668	SN	1	0.8	28.264	12.285	0.0	183.134	13.036	0.0	59.126	7.691	0.0	137.762	10.41	0.004	1.362	0.0	0.0	1.737	0.0	0.0	1.8	0.0	0.0	2.088	0.0
59	13667	13668	NS	1	0.0	23.648	6.815	0.0	23.621	8.713	0.0	67.531	4.226	0.0	124.159	5.45	0.0	1.431	0.0	0.0	1.816	0.0	0.0	1.883	0.0	0.0	2.174	0.0
60	13667	13668	NS	1	0.0	24.327	10.436	0.0	29.241	15.707	0.0	161.231	13.364	0.0	136.171	15.268	0.0	1.405	0.0	0.0	1.816	0.0	0.0	1.88	0.0	0.0	2.174	0.0
61	13668	13669	SN	1	0.0	23.124	4.755	0.0	18.04	6.446	0.0	17.714	0.884	0.0	30.89	1.639	0.0	1.359	0.0	0.0	1.735	0.0	0.0	1.797	0.0	0.0	2.088	0.0
62	13668	13669	NS	1	0.0	23.643	6.725	0.0	23.61	8.712	0.0	108.02	4.21	0.0	122.654	5.435	0.0	1.431	0.0	0.0	1.815	0.0	0.0	1.886	0.0	0.0	2.174	0.0
63	13668	13669	SN	1	0.0	28.264	12.193	0.0	23.279	13.029	0.0	34.116	7.636	0.0	43.684	10.297	0.0	1.363	0.0	0.0	1.738	0.0	0.0	1.798	0.0	0.0	2.087	0.0
64	13668	13669	NS	1	0.0	24.321	10.406	0.0	29.213	15.689	0.0	233.844	13.347	0.0	181.802	15.203	0.0	1.404	0.0	0.0	1.815	0.0	0.0	1.882	0.0	0.0	2.173	0.0
65	13669	13670	SN	1	0.0	23.13	4.684	0.0	18.613	6.437	0.0	12.563	0.764	0.0	221.127	1.698	0.0	1.358	0.0	0.0	1.741	0.0	0.0	1.805	0.0	0.0	2.088	0.0
66	13669	13670	NS	1	0.0	190.86	6.694	0.0	23.615	8.778	0.0	279.034	4.207	0.0	137.98	5.505	0.0	1.432	0.0	0.0	1.815	0.0	0.0	1.884	0.0	0.0	2.176	0.0
67	13669	13670	SN	1	0.0	28.275	12.018	0.0	23.284	13.04	0.0	22.11	7.471	0.0	259.991	10.268	0.0	1.361	0.0	0.0	1.736	0.0	0.0	1.799	0.0	0.0	2.088	0.0
68	13669	13670	NS	1	0.0	209.159	10.335	0.0	29.23	15.689	0.0	46.952	13.269	0.0	184.631	15.302	0.0	1.409	0.0	0.0	1.815	0.0	0.0	1.875	0.0	0.0	2.176	0.0

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



69	13670	13671	NS	1	0.0	253.875	6.675	0.0	23.615	8.84	0.0	71.411	4.13	0.0	136.027	5.847	0.0	1.432	0.0	0.0	1.815	0.0	0.0	1.884	0.0	0.0	2.176	0.0
70	13670	13671	NS	1	0.0	150.27	10.101	0.0	29.224	15.754	0.0	161.27	13.113	0.0	195.485	15.955	0.0	1.409	0.0	0.0	1.814	0.0	0.0	1.875	0.0	0.0	2.175	0.0
71	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	0.0	2.087	0.0
72	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	0.0	2.089	0.0
73	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	0.0	2.089	0.0
74	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	0.0	2.088	0.0
75	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	0.0	2.088	0.0
76	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	0.0	2.175	0.0
77	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	0.0	2.089	0.0
78	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	0.0	2.175	0.0
79	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	0.0	2.088	0.0
80	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	0.0	2.174	0.0
81	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	0.0	2.088	0.0
82	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	0.0	2.089	0.0
83	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	0.0	2.175	0.0
84	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	0.0	2.089	0.0
85	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	0.0	2.088	0.0
86	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	0.0	2.175	0.0
87	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	0.0	2.089	0.0
88	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	0.0	2.174	0.0
89	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	0.0	2.089	0.0
90	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	0.0	2.175	0.0
91	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	0.0	2.174	0.0
92	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	0.0	2.175	0.0
93	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	0.0	2.089	0.0
94	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	0.0	2.088	0.0
95	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	0.0	2.172	0.0
96	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
97	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
98	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
99	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	0.0	2.088	0.0
100	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	0.0	2.088	0.0
101	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	0.0	2.088	0.0
102	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	0.0	2.179	0.0
103	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
104	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	0.0	2.088	0.0
105	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

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

106	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
107	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
108	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
109	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
110	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
111	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
112	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
113	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
114	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
115	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
116	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
117	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
118	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
119	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
120	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
121	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
122	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
123	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
124	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
125	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
126	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
127	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
128	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
129	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
130	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
131	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
132	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
133	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
134	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
135	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
136	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
137	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
138	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
139	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
140	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
141	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
142	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

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

143	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
144	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
145	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
146	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
147	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
148	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
149	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
150	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
151	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
152	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
153	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
154	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
155	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
156	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
157	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

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