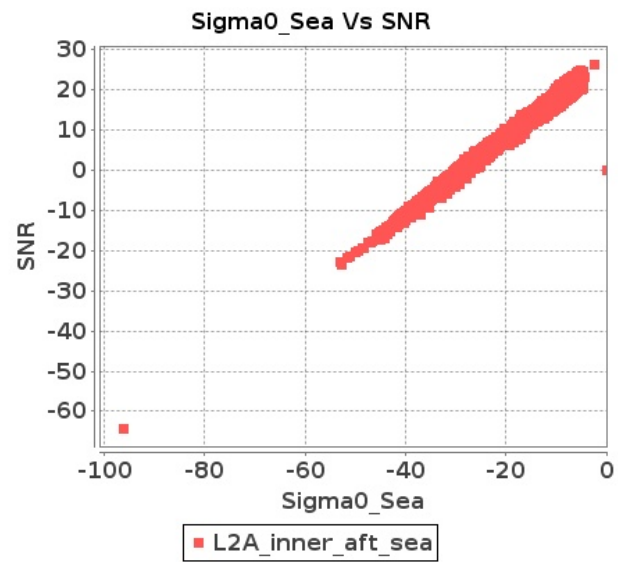


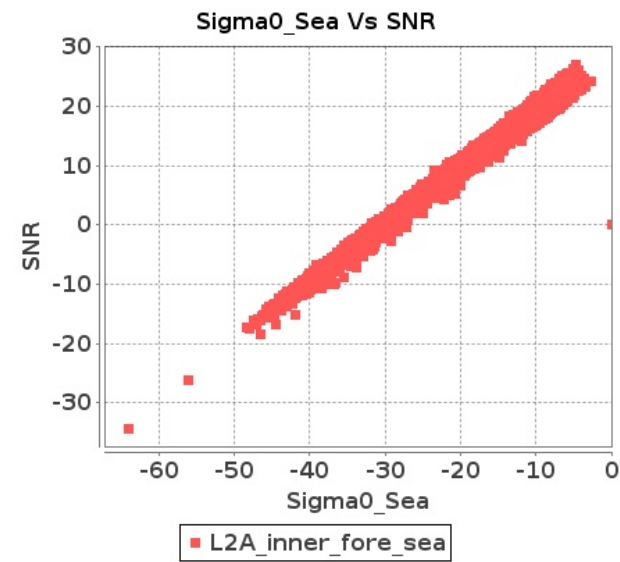
# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 15-SEP-2017 To 16-SEP-2017

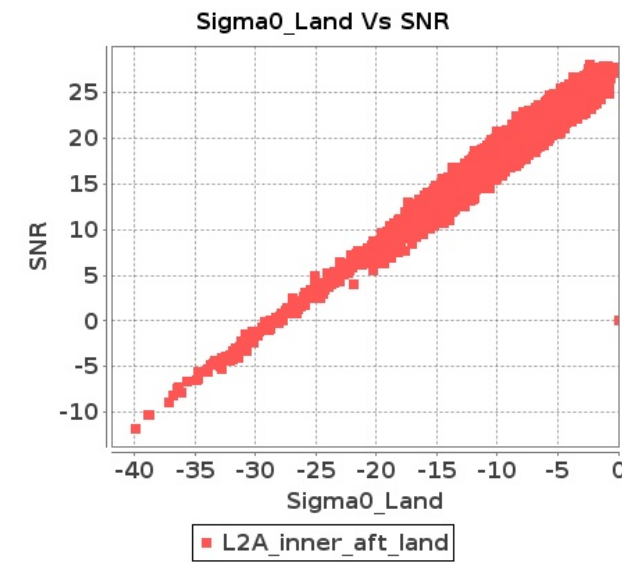
### Inner Sea Aft Sigma0VsSNR



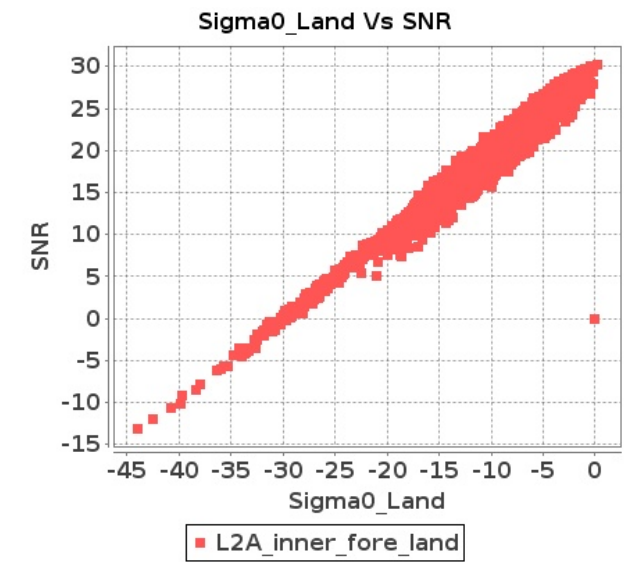
### Inner Sea Fore Sigma0VsSNR



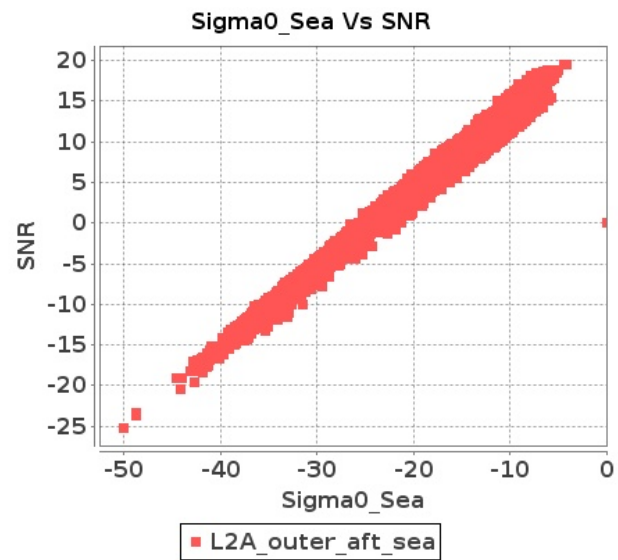
### Inner Land Aft Sigma0VsSNR



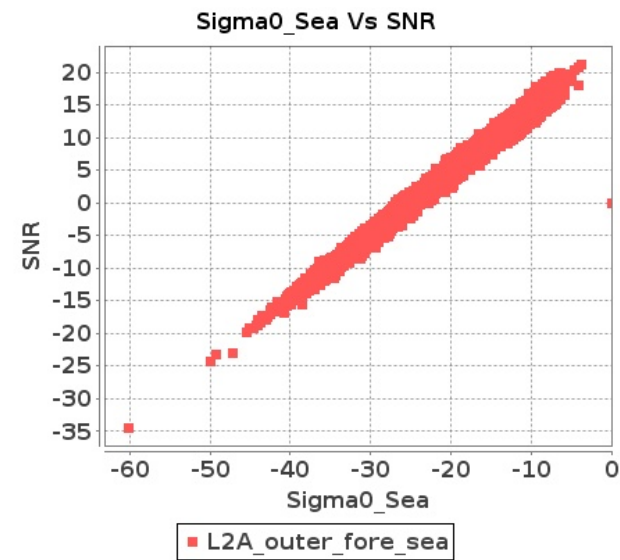
### Inner Land Fore Sigma0VsSNR



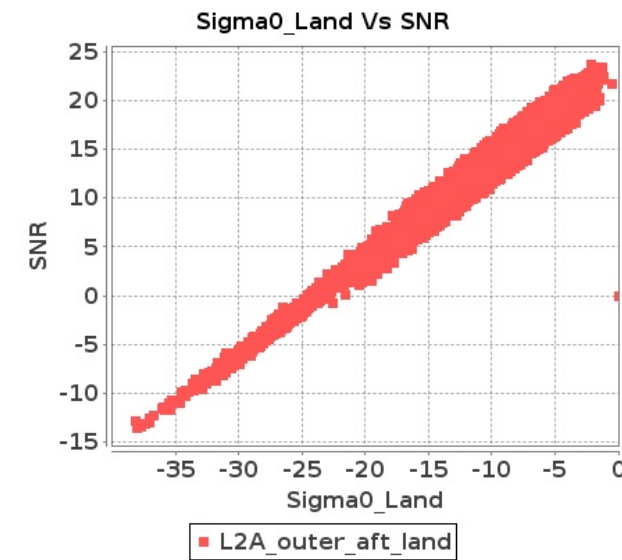
### Outer Sea Aft Sigma0VsSNR



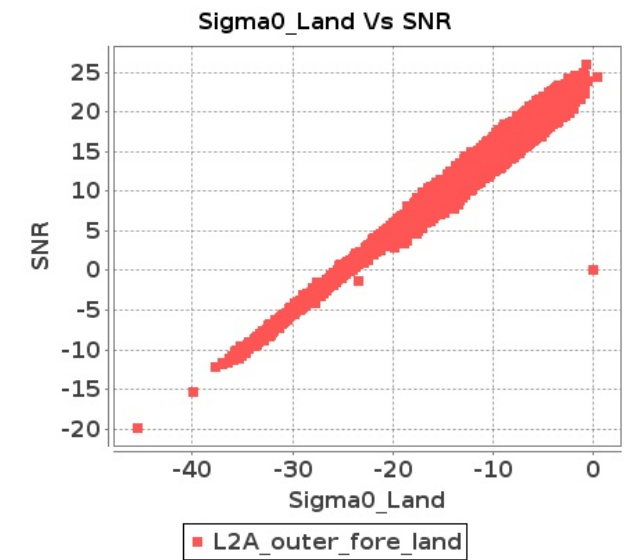
### Outer Sea Fore Sigma0VsSNR



### Outer Land Aft Sigma0VsSNR



### Outer Land Fore Sigma0VsSNR



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

Report between 15-SEP-2017 To 16-SEP-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	5130	5131	SN	1	0.0	49.872	2.808	0.0	45.004	2.493	0.0	40.307	1.495	0.0	39.156	1.48	0.0	53.703	2.47	0.0	45.16	2.206	0.0	37.575	1.341	0.0	38.953	1.282
2	5130	5131	SN	1	0.0	52.395	8.541	0.0	52.754	7.708	0.0	48.297	5.798	0.0	47.671	5.534	0.0	53.777	7.824	0.0	54.266	7.104	0.0	48.754	5.15	0.0	48.271	4.906
3	5130	5131	NS	1	0.0	46.993	4.255	0.0	51.936	4.05	0.0	44.939	2.78	0.0	42.074	2.619	0.0	47.119	4.164	0.0	57.454	3.813	0.0	42.21	2.604	0.0	46.179	2.392
4	5130	5131	SN	1	0.0	52.395	8.658	0.0	52.754	7.684	0.0	48.297	5.811	0.0	47.671	5.52	0.0	53.777	7.927	0.0	54.266	7.104	0.0	48.754	5.228	0.0	48.271	4.928
5	5130	5131	SN	1	0.0	52.395	8.658	0.0	52.754	7.684	0.0	48.297	5.811	0.0	47.671	5.52	0.0	53.777	7.927	0.0	54.266	7.104	0.0	48.754	5.228	0.0	48.271	4.928
6	5130	5131	SN	1	0.0	49.872	2.806	0.0	45.004	2.48	0.0	40.307	1.504	0.0	39.156	1.473	0.0	53.703	2.482	0.0	45.16	2.199	0.0	37.575	1.369	0.0	38.953	1.288
7	5130	5131	SN	1	0.0	49.872	2.806	0.0	45.004	2.48	0.0	40.307	1.504	0.0	39.156	1.473	0.0	53.703	2.482	0.0	45.16	2.199	0.0	37.575	1.369	0.0	38.953	1.288
8	5130	5131	NS	1	0.0	51.826	12.456	0.0	57.049	12.518	0.0	45.083	8.87	0.0	48.05	8.844	0.0	51.562	11.899	0.0	56.549	11.503	0.0	49.972	8.749	0.0	47.317	8.268
9	5131	5132	SN	1	0.0	48.065	4.037	0.0	49.192	3.807	0.0	39.71	2.514	0.0	39.13	2.774	0.0	51.363	3.749	0.0	48.095	3.603	0.0	39.651	2.406	0.0	41.856	2.546
10	5131	5132	NS	1	0.0	49.492	2.032	0.0	43.386	1.564	0.0	40.315	1.451	0.0	44.578	1.289	0.0	48.658	1.572	0.0	42.913	1.262	0.0	38.387	1.198	0.0	48.925	1.055
11	5131	5132	NS	1	0.0	41.758	2.08	0.0	50.384	1.513	0.0	42.344	1.442	0.0	41.466	1.275	0.0	38.756	1.617	0.0	46.085	1.193	0.0	40.039	1.13	0.0	40.678	1.029
12	5131	5132	NS	1	0.0	51.229	5.859	0.0	50.581	4.372	0.0	44.461	4.347	0.0	43.649	3.832	0.0	51.274	4.807	0.0	49.812	3.692	0.0	44.435	3.723	0.0	43.181	3.149
13	5131	5132	NS	1	0.0	47.9	5.916	0.0	51.299	4.535	0.0	45.123	4.466	0.0	42.657	4.093	0.0	45.6	4.894	0.0	52.716	3.786	0.0	45.61	3.736	0.0	43.147	3.376
14	5131	5132	SN	1	0.0	41.088	1.225	0.0	45.822	1.142	0.0	38.065	0.764	0.0	36.97	0.883	0.0	40.215	1.103	0.0	44.162	1.018	0.0	35.408	0.716	0.0	36.509	0.728
15	5131	5132	SN	1	0.0	41.088	1.225	0.0	45.822	1.142	0.0	38.065	0.764	0.0	36.97	0.883	0.0	40.215	1.103	0.0	44.162	1.018	0.0	35.408	0.716	0.0	36.509	0.728
16	5131	5132	SN	1	0.0	41.088	1.225	0.0	45.822	1.129	0.0	38.065	0.764	0.0	36.97	0.873	0.0	40.215	1.103	0.0	44.162	1.007	0.0	35.408	0.716	0.0	36.509	0.72
17	5131	5132	SN	1	0.0	48.065	4.037	0.0	49.192	3.856	0.0	39.71	2.514	0.0	39.13	2.81	0.0	51.363	3.75	0.0	48.095	3.649	0.0	39.651	2.406	0.0	41.856	2.579
18	5131	5132	SN	1	0.0	48.065	4.037	0.0	49.192	3.846	0.0	39.71	2.514	0.0	39.13	2.803	0.0	51.363	3.749	0.0	48.095	3.64	0.0	39.651	2.406	0.0	41.856	2.572
19	5132	5133	NS	1	0.0	43.718	6.254	0.0	51.343	6.227	0.0	42.402	4.581	0.0	40.1	4.378	0.0	44.743	5.222	0.0	47.585	5.088	0.0	41.198	4.091	0.0	40.979	3.708
20	5132	5133	SN	1	0.0	43.884	5.153	0.0	52.945	4.455	0.0	38.963	3.525	0.0	40.145	3.998	0.0	42.518	4.772	0.0	49.433	4.0	0.0	37.088	3.243	0.0	37.682	3.412
21	5132	5133	NS	1	0.0	60.794	2.036	0.0	43.641	1.949	0.0	52.194	1.465	0.0	41.384	1.461	0.0	61.17	1.735	0.0	43.154	1.625	0.0	48.271	1.198	0.0	40.508	1.222
22	5132	5133	SN	1	0.0	38.299	1.754	0.0	39.5	1.446	0.0	40.36	1.289	0.0	42.242	1.288	0.0	38.033	1.415	0.0	41.251	1.24	0.0	36.78	1.133	0.0	40.463	1.086
23	5132	5133	SN	1	0.0	43.884	5.146	0.0	52.945	4.641	0.0	39.138	3.521	0.0	40.145	4.086	0.0	42.518	4.781	0.0	49.433	4.204	0.0	39.599	3.208	0.0	37.682	3.537
24	5132	5133	SN	1	0.0	38.299	1.761	0.0	39.233	1.425	0.0	40.36	1.281	0.0	42.242	1.257	0.0	38.017	1.435	0.0	41.251	1.202	0.0	36.78	1.14	0.0	40.463	1.059
25	5133	5134	SN	1	0.0	48.673	7.796	0.0	56.26	7.162	0.0	49.608	5.687	0.0	44.889	6.284	0.0	48.368	7.245	0.0	56.89	6.621	0.0	49.31	5.373	0.0	48.048	5.839
26	5133	5134	SN	1	0.0	45.573	2.635	0.0	43.26	2.379	0.0	44.51	1.985	0.0	40.343	2.008	0.0	43.673	2.294	0.0	46.598	2.182	0.0	41.639	1.841	0.0	37.009	1.743
27	5133	5134	SN	1	0.0	45.573	2.56	0.0	43.26	2.364	0.0	44.51	1.966	0.0	40.343	2.011	0.0	43.673	2.219	0.0	46.598	2.137	0.0	41.639	1.822	0.0	37.009	1.74
28	5133	5134	NS	1	0.0	48.967	2.439	0.0	48.757	1.997	0.0	42.054	1.373	0.0	44.424	1.181	0.0	48.425	2.133	0.0	51.321	1.781	0.0	43.314	1.138	0.0	45.191	1.048
29	5133	5134	SN	1	0.0	48.673	8.147	0.0	56.26	7.385	0.0	49.608	5.725	0.0	44.889	6.338	0.0	48.368	7.65	0.0	56.89	6.907	0.0	49.31	5.405	0.0	48.048	5.918
30	5133	5134	NS	1	0.0	54.351	8.244	0.0	52.938	7.276	0.0	47.747	5.149	0.0	44.687	4.466	0.0	51.972	7.425	0.0	52.63	6.738	0.0	43.934	4.73	0.0	44.048	4.075
31	5134	5135	NS	1	0.0	49.626	1.736	0.0	51.227	1.479	0.0	47.934	1.095	0.0	47.361	1.167	0.0	51.402	1.48	0.0	49.415	1.269	0.0	46.532	0.964	0.0	42.951	1.001

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

32	5134	5135	SN	1	0.0	46.184	2.999	0.0	43.277	2.601	0.0	37.552	2.338	0.0	44.24	2.2	0.0	46.184	2.723	0.0	42.27	2.343	0.0	36.971	2.212	0.0	40.348	1.913
33	5134	5135	NS	1	0.0	53.752	5.23	0.0	55.226	4.638	0.0	41.781	3.829	0.0	47.821	3.769	0.0	52.975	4.602	0.0	51.99	4.08	0.0	43.262	3.333	0.0	45.687	3.293
34	5134	5135	SN	1	0.0	44.527	9.426	0.0	48.997	7.883	0.0	41.294	6.286	0.0	44.991	6.374	0.0	43.065	9.233	0.0	50.516	7.415	0.0	41.246	6.166	0.0	44.804	5.804
35	5135	5136	SN	1	0.0	41.548	3.112	0.0	42.821	3.022	0.0	41.503	1.908	0.0	40.59	1.997	0.0	44.137	2.863	0.0	42.741	2.639	0.0	39.076	1.784	0.0	36.494	1.871
36	5135	5136	SN	1	0.0	47.044	10.255	0.0	56.113	9.816	0.0	48.093	6.596	0.0	42.426	6.852	0.0	48.008	9.29	0.0	54.208	9.216	0.0	47.728	6.475	0.0	42.173	6.509
37	5135	5136	NS	1	0.0	56.749	5.591	0.0	52.872	5.042	0.0	47.853	3.906	0.0	47.061	3.803	0.0	58.321	4.984	0.0	51.713	4.556	0.0	45.783	3.559	0.0	47.807	3.271
38	5135	5136	SN	1	0.0	41.548	3.13	0.0	42.821	3.057	0.0	41.503	1.873	0.0	40.59	2.074	0.0	44.137	2.865	0.0	42.741	2.689	0.0	39.076	1.757	0.0	36.494	1.944
39	5135	5136	NS	1	0.0	44.971	1.736	0.0	53.582	1.556	0.0	51.566	1.272	0.0	40.336	1.143	0.0	45.225	1.432	0.0	52.627	1.322	0.0	48.415	1.125	0.0	39.563	0.989
40	5135	5136	SN	1	0.0	47.044	10.068	0.0	56.113	9.714	0.0	48.093	6.374	0.0	42.426	6.978	0.0	48.008	9.124	0.0	54.208	9.134	0.0	47.728	6.246	0.0	40.264	6.631
41	5136	5137	SN	1	0.0	46.014	2.86	0.0	54.244	2.995	0.0	42.133	1.855	0.0	52.151	1.916	0.0	45.505	2.751	0.0	51.221	2.81	0.0	41.869	1.81	0.0	51.221	1.786
42	5136	5137	SN	1	0.0	46.014	2.932	0.0	54.244	3.019	0.0	44.733	1.833	0.0	52.151	1.918	0.0	45.505	2.815	0.0	51.221	2.801	0.0	44.412	1.775	0.0	51.221	1.784
43	5136	5137	NS	1	0.0	46.489	4.58	0.0	46.917	3.624	0.0	45.627	3.559	0.0	43.15	3.059	0.0	47.991	3.701	0.0	48.479	2.923	0.0	42.568	3.048	0.0	41.507	2.625
44	5136	5137	SN	1	0.0	52.579	9.716	0.0	49.95	10.177	0.0	45.104	6.23	0.0	47.61	6.845	0.0	52.113	9.056	0.0	51.486	9.678	0.0	45.5	6.138	0.0	49.161	6.381
45	5136	5137	NS	1	0.0	47.016	1.824	0.0	51.244	1.326	0.0	38.18	1.144	0.0	40.123	1.102	0.0	46.404	1.43	0.0	49.027	1.04	0.0	36.39	0.964	0.0	38.4	0.875
46	5136	5137	SN	1	0.0	52.579	9.265	0.0	49.95	9.78	0.0	45.104	6.22	0.0	47.61	6.78	0.0	52.113	8.722	0.0	51.486	9.386	0.0	45.5	6.16	0.0	49.161	6.339
47	5137	5138	NS	1	0.0	47.454	6.785	0.0	57.437	5.359	0.0	45.339	4.97	0.0	46.063	4.467	0.0	48.875	6.431	0.0	56.802	4.801	0.0	46.056	4.814	0.0	47.399	4.239
48	5137	5138	SN	1	0.0	51.173	5.666	0.0	48.777	6.524	0.0	42.519	4.205	0.0	49.878	4.991	0.0	49.422	5.239	0.0	49.965	5.974	0.0	42.56	3.92	0.0	46.912	4.713
49	5137	5138	NS	1	0.0	40.392	2.317	0.0	48.367	1.759	0.0	44.605	1.661	0.0	44.554	1.49	0.0	38.871	2.024	0.0	48.035	1.592	0.0	41.265	1.542	0.0	42.696	1.329
50	5137	5138	SN	1	0.0	48.266	1.825	0.0	58.475	1.944	0.0	39.241	1.253	0.0	41.023	1.412	0.0	46.153	1.594	0.0	58.45	1.704	0.0	36.607	1.116	0.0	40.261	1.246
51	5137	5138	SN	1	0.0	51.173	4.941	0.0	48.777	5.385	0.0	42.519	3.86	0.0	49.878	4.505	0.0	49.422	4.562	0.0	49.965	4.994	0.0	42.56	3.687	0.0	46.912	4.262
52	5137	5138	SN	1	0.0	48.266	1.64	0.0	44.848	1.704	0.0	39.241	1.181	0.0	41.023	1.326	0.0	46.153	1.466	0.0	46.886	1.495	0.0	36.607	1.073	0.0	40.261	1.172
53	5138	5139	SN	1	0.0	45.726	5.329	0.0	49.688	5.445	0.0	42.573	4.737	0.0	51.121	4.785	0.0	46.06	5.035	0.0	48.568	5.069	0.0	41.007	4.516	0.0	47.483	4.579
54	5138	5139	SN	1	0.0	46.897	2.001	0.0	43.494	1.936	0.0	41.248	1.611	0.0	46.47	1.576	0.0	46.652	1.768	0.0	44.511	1.777	0.0	41.738	1.435	0.0	42.455	1.434
55	5138	5139	NS	1	0.0	54.863	10.15	0.0	51.893	9.13	0.0	46.965	6.829	0.0	50.274	6.484	0.0	54.821	9.128	0.0	56.709	8.227	0.0	47.814	6.134	0.0	48.205	5.424
56	5138	5139	NS	1	0.0	46.913	3.221	0.0	49.69	2.637	0.0	47.19	2.007	0.0	44.713	1.792	0.0	46.149	2.676	0.0	49.022	2.355	0.0	43.626	1.69	0.0	44.464	1.487
57	5139	5140	NS	1	0.0	44.487	2.204	0.0	47.626	1.844	0.0	41.62	1.604	0.0	42.283	1.403	0.0	44.003	1.756	0.0	46.935	1.513	0.0	40.071	1.321	0.0	40.274	1.096
58	5139	5140	NS	1	0.0	54.003	7.21	0.0	54.939	5.78	0.0	42.587	5.068	0.0	45.432	4.32	0.0	51.865	6.199	0.0	55.42	4.747	0.0	42.919	4.416	0.0	44.794	3.71
59	5144	5145	SN	1	0.0	50.66	6.66	0.0	52.507	6.442	0.0	50.336	4.581	0.0	48.386	4.436	0.0	50.393	6.213	0.0	52.168	6.076	0.0	47.032	4.247	0.0	46.026	4.172
60	5144	5145	SN	1	0.0	50.073	2.017	0.0	47.567	1.899	0.0	47.055	1.13	0.0	39.096	1.229	0.0	46.94	1.793	0.0	48.804	1.741	0.0	43.23	1.089	0.0	39.413	1.083
61	5145	5146	SN	1	0.0	49.094	1.472	0.0	50.864	1.549	0.0	39.367	1.066	0.0	50.981	1.048	0.0	48.003	1.307	0.0	47.145	1.326	0.0	40.345	1.003	0.0	50.407	0.874
62	5145	5146	NS	1	0.0	52.422	8.018	0.0	46.911	6.466	0.0	45.456	4.792	0.0	48.627	4.51	0.0	49.506	7.614	0.0	47.294	6.039	0.0	48.809	4.658	0.0	46.401	4.083
63	5145	5146	SN	1	0.0	49.077	4.813	0.0	51.821	4.61	0.0	47.411	3.351	0.0	46.982	3.466	0.0	50.852	4.447	0.0	51.024	4.325	0.0	48.391	3.102	0.0	47.129	2.945
64	5145	5146	NS	1	0.0	50.769	2.659	0.0	42.59	1.87	0.0	36.936	1.539	0.0	45.295	1.522	0.0	48.195	2.276	0.0	43.487	1.75	0.0	38.602	1.44	0.0	44.654	1.323
65	5145	5146	NS	1	0.0	50.769	2.659	0.0	42.59	1.87	0.0	36.936	1.539	0.0	45.295	1.522	0.0	48.195	2.276	0.0	43.487	1.75	0.0	38.602	1.44	0.0	44.654	1.323
66	5145	5146	SN	1	0.0	45.59	1.472	0.0	50.864	1.532	0.0	37.869	1.071	0.0	50.981	1.035	0.0	44.498	1.298	0.0	47.145	1.31	0.0	38.343	1.004	0.0	50.407	0.862
67	5145	5146	SN	1	0.0	49.077	4.846	0.0	51.821	4.661	0.0	47.411	3.331	0.0	46.982	3.498	0.0	50.852	4.485	0.0	51.024	4.382	0.0	48.391	3.1	0.0	47.129	2.977

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

68	5145	5146	NS	1	0.0	52.422	8.018	0.0	46.911	6.466	0.0	45.456	4.792	0.0	48.627	4.51	0.0	49.506	7.614	0.0	47.294	6.039	0.0	48.809	4.658	0.0	46.401	4.083
69	5145	5146	SN	1	0.0	45.59	1.472	0.0	50.864	1.532	0.0	37.869	1.071	0.0	50.981	1.035	0.0	44.498	1.298	0.0	47.145	1.31	0.0	38.343	1.004	0.0	50.407	0.862
70	5145	5146	SN	1	0.0	49.077	4.813	0.0	51.821	4.61	0.0	47.411	3.344	0.0	46.982	3.466	0.0	50.852	4.447	0.0	51.024	4.325	0.0	48.391	3.102	0.0	47.129	2.945
71	5146	5147	NS	1	0.0	48.794	5.515	0.0	53.758	4.808	0.0	43.983	4.063	0.0	52.564	3.953	0.0	47.037	4.898	0.0	53.486	4.21	0.0	43.409	3.475	0.0	51.295	3.292
72	5146	5147	SN	1	0.0	46.75	4.998	0.0	42.737	4.186	0.0	46.852	3.741	0.0	49.111	4.047	0.0	46.561	4.401	0.0	42.625	3.691	0.0	44.43	3.294	0.0	46.393	3.455
73	5146	5147	SN	1	0.0	46.75	4.998	0.0	42.737	4.186	0.0	46.852	3.741	0.0	49.111	4.047	0.0	46.561	4.401	0.0	42.625	3.691	0.0	44.43	3.294	0.0	46.393	3.455
74	5146	5147	SN	1	0.0	46.75	4.984	0.0	42.737	4.184	0.0	46.852	3.712	0.0	49.111	4.024	0.0	46.561	4.385	0.0	42.625	3.705	0.0	44.43	3.286	0.0	46.393	3.432
75	5146	5147	NS	1	0.0	47.706	5.404	0.0	54.317	4.889	0.0	47.86	3.992	0.0	53.231	3.953	0.0	46.959	4.776	0.0	54.046	4.301	0.0	47.284	3.439	0.0	51.964	3.285
76	5146	5147	SN	1	0.0	39.78	1.766	0.0	43.209	1.422	0.0	39.62	1.334	0.0	38.381	1.254	0.0	39.46	1.514	0.0	40.536	1.202	0.0	40.044	1.166	0.0	38.35	1.051
77	5146	5147	SN	1	0.0	39.78	1.766	0.0	43.209	1.422	0.0	39.62	1.336	0.0	38.381	1.254	0.0	39.46	1.514	0.0	40.536	1.202	0.0	40.044	1.168	0.0	38.35	1.051
78	5146	5147	SN	1	0.0	39.78	1.754	0.0	43.209	1.422	0.0	39.62	1.328	0.0	38.381	1.249	0.0	39.46	1.501	0.0	40.536	1.204	0.0	40.044	1.163	0.0	38.35	1.042
79	5146	5147	NS	1	0.0	45.85	2.052	0.0	46.46	1.589	0.0	39.311	1.481	0.0	45.691	1.321	0.0	45.527	1.671	0.0	47.487	1.35	0.0	37.471	1.223	0.0	42.948	1.085
80	5146	5147	NS	1	0.0	43.475	2.016	0.0	49.25	1.614	0.0	41.675	1.497	0.0	46.359	1.323	0.0	41.439	1.647	0.0	48.906	1.364	0.0	41.448	1.214	0.0	43.616	1.078
81	5147	5148	NS	1	0.0	53.774	7.539	0.0	50.827	6.157	0.0	43.947	5.737	0.0	46.016	5.56	0.0	51.454	7.438	0.0	48.71	5.61	0.0	44.595	5.687	0.0	46.877	5.211
82	5147	5148	SN	1	0.0	37.855	1.614	0.0	40.968	1.394	0.0	38.059	1.279	0.0	39.959	1.299	0.0	37.633	1.367	0.0	38.243	1.159	0.0	39.311	1.067	0.0	38.172	1.079
83	5147	5148	NS	1	0.0	41.73	2.89	0.0	52.239	2.317	0.0	44.34	1.996	0.0	41.602	1.866	0.0	44.212	2.739	0.0	49.276	2.184	0.0	42.472	1.993	0.0	40.222	1.693
84	5147	5148	SN	1	0.0	39.065	5.038	0.0	49.662	4.104	0.0	38.926	3.57	0.0	40.767	3.364	0.0	39.62	4.396	0.0	50.058	3.576	0.0	35.973	3.04	0.0	39.403	3.037
85	5147	5148	SN	1	0.0	42.507	5.166	0.0	50.528	4.357	0.0	38.926	3.57	0.0	40.767	3.517	0.0	40.274	4.517	0.0	50.923	3.848	0.0	39.473	3.037	0.0	40.11	3.189
86	5147	5148	SN	1	0.0	38.304	1.646	0.0	40.968	1.465	0.0	37.895	1.291	0.0	39.959	1.329	0.0	37.937	1.386	0.0	38.243	1.236	0.0	39.311	1.087	0.0	38.172	1.115
87	5148	5149	SN	1	0.0	40.66	2.628	0.0	39.643	2.333	0.0	39.8	2.003	0.0	37.27	2.119	0.0	41.854	2.344	0.0	38.683	2.056	0.0	39.075	1.915	0.0	38.301	1.938
88	5148	5149	NS	1	0.0	50.72	4.885	0.0	50.695	4.475	0.0	45.776	3.489	0.0	47.819	3.015	0.0	50.276	4.562	0.0	52.318	4.049	0.0	47.322	3.113	0.0	44.154	2.781
89	5148	5149	SN	1	0.0	45.977	8.381	0.0	55.556	7.324	0.0	40.564	5.568	0.0	47.979	6.317	0.0	44.568	7.386	0.0	52.019	6.408	0.0	37.874	5.469	0.0	47.072	6.288
90	5148	5149	SN	1	0.0	45.977	8.098	0.0	40.593	7.168	0.0	40.564	5.519	0.0	45.654	6.398	0.0	44.568	7.074	0.0	41.552	6.247	0.0	37.874	5.424	0.0	45.603	6.354
91	5148	5149	NS	1	0.0	49.937	1.498	0.0	44.54	1.364	0.0	40.4	0.893	0.0	42.857	0.839	0.0	48.865	1.344	0.0	48.357	1.181	0.0	41.333	0.807	0.0	47.467	0.724
92	5148	5149	SN	1	0.0	40.66	2.696	0.0	39.643	2.359	0.0	39.8	1.997	0.0	37.27	2.083	0.0	41.854	2.418	0.0	38.683	2.098	0.0	39.075	1.909	0.0	38.301	1.908
93	5149	5150	SN	1	0.0	44.804	2.678	0.0	44.564	2.543	0.0	41.93	1.938	0.0	43.39	2.025	0.0	44.759	2.326	0.0	41.945	2.256	0.0	41.178	1.667	0.0	42.343	1.724
94	5149	5150	NS	1	0.0	50.426	6.716	0.0	53.562	5.266	0.0	46.962	4.794	0.0	46.602	4.174	0.0	49.723	6.089	0.0	53.475	4.739	0.0	42.173	4.298	0.0	45.846	3.783
95	5149	5150	SN	1	0.0	49.544	8.454	0.0	48.792	7.832	0.0	39.858	5.597	0.0	47.139	5.611	0.0	51.3	7.924	0.0	46.561	7.024	0.0	41.304	5.139	0.0	48.017	5.131
96	5149	5150	SN	1	0.0	44.804	2.678	0.0	44.564	2.551	0.0	41.93	1.939	0.0	43.39	2.026	0.0	44.759	2.325	0.0	41.945	2.273	0.0	41.178	1.671	0.0	42.343	1.725
97	5149	5150	NS	1	0.0	50.404	2.263	0.0	45.986	1.806	0.0	40.494	1.353	0.0	45.152	1.206	0.0	52.527	2.031	0.0	46.058	1.592	0.0	39.84	1.214	0.0	41.199	1.011
98	5149	5150	SN	1	0.0	49.544	8.492	0.0	48.792	7.934	0.0	39.858	5.611	0.0	47.139	5.625	0.0	51.3	7.965	0.0	46.561	7.12	0.0	41.304	5.156	0.0	48.017	5.155
99	5150	5151	NS	1	0.0	48.061	5.957	0.0	44.954	5.774	0.0	41.388	4.652	0.0	41.879	4.694	0.0	50.965	5.28	0.0	44.713	4.952	0.0	42.901	4.07	0.0	40.41	4.046
100	5150	5151	SN	1	0.0	42.573	2.712	0.0	46.641	2.832	0.0	39.466	1.859	0.0	42.611	2.042	0.0	43.471	2.483	0.0	43.788	2.667	0.0	38.267	1.807	0.0	39.054	1.826
101	5150	5151	SN	1	0.0	44.356	8.023	0.0	49.892	8.453	0.0	46.961	6.305	0.0	42.934	7.208	0.0	45.618	7.413	0.0	48.333	7.568	0.0	44.605	6.184	0.0	40.24	6.702
102	5150	5151	SN	1	0.0	42.573	2.685	0.0	46.641	2.766	0.0	39.466	1.835	0.0	42.611	2.01	0.0	43.471	2.466	0.0	43.788	2.588	0.0	38.267	1.791	0.0	39.054	1.818
103	5150	5151	SN	1	0.0	44.826	7.753	0.0	49.892	8.079	0.0	46.961	6.14	0.0	42.934	6.907	0.0	45.679	7.156	0.0	48.333	7.156	0.0	44.605	6.037	0.0	40.838	6.429

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

104	5150	5151	NS	1	0.0	43.364	2.036	0.0	46.537	1.837	0.0	41.065	1.438	0.0	39.127	1.465	0.0	42.303	1.608	0.0	47.284	1.504	0.0	38.419	1.277	0.0	38.942	1.213
105	5151	5152	NS	1	0.0	48.941	6.542	0.0	48.851	5.247	0.0	41.172	4.289	0.0	39.823	4.31	0.0	48.817	5.622	0.0	47.508	4.567	0.0	41.803	4.033	0.0	40.744	3.791
106	5151	5152	NS	1	0.0	47.889	1.914	0.0	53.232	1.522	0.0	38.844	1.535	0.0	40.236	1.459	0.0	43.612	1.619	0.0	49.09	1.256	0.0	38.565	1.342	0.0	37.916	1.174
107	5151	5152	SN	1	0.0	55.78	10.751	0.0	57.118	11.297	0.0	47.086	6.865	0.0	49.388	7.524	0.0	57.117	10.467	0.0	55.276	10.91	0.0	47.564	6.631	0.0	49.927	7.039
108	5151	5152	SN	1	0.0	50.595	3.509	0.0	51.843	3.608	0.0	43.975	1.842	0.0	41.512	2.124	0.0	48.503	3.292	0.0	53.321	3.411	0.0	43.781	1.716	0.0	44.615	1.936
109	5152	5153	SN	1	0.0	42.527	1.897	0.0	47.564	2.189	0.0	38.103	1.234	0.0	40.887	1.485	0.0	42.269	1.721	0.0	46.079	2.062	0.0	37.856	1.135	0.0	43.749	1.344
110	5152	5153	SN	1	0.0	42.527	1.897	0.0	47.564	2.189	0.0	38.103	1.234	0.0	40.887	1.485	0.0	42.269	1.721	0.0	46.079	2.062	0.0	37.856	1.135	0.0	43.749	1.344
111	5152	5153	NS	1	0.0	47.332	7.328	0.0	47.004	6.05	0.0	46.166	5.003	0.0	46.144	5.198	0.0	47.974	6.853	0.0	47.739	5.595	0.0	44.079	4.974	0.0	44.474	4.935
112	5152	5153	NS	1	0.0	47.344	6.886	0.0	50.907	5.916	0.0	47.723	4.934	0.0	43.898	5.149	0.0	46.521	6.512	0.0	52.088	5.266	0.0	44.578	4.714	0.0	45.645	4.85
113	5152	5153	SN	1	0.0	52.533	6.355	0.0	50.457	7.043	0.0	45.514	4.126	0.0	44.592	4.7	0.0	52.362	6.234	0.0	49.899	6.819	0.0	46.503	3.948	0.0	45.296	4.25
114	5152	5153	NS	1	0.0	43.717	2.324	0.0	43.523	2.004	0.0	45.101	1.546	0.0	42.676	1.768	0.0	42.764	2.103	0.0	43.066	1.783	0.0	41.487	1.436	0.0	42.649	1.583
115	5152	5153	NS	1	0.0	54.365	2.442	0.0	43.827	1.995	0.0	39.636	1.643	0.0	41.777	1.682	0.0	54.119	2.23	0.0	42.804	1.807	0.0	39.486	1.482	0.0	40.502	1.519
116	5152	5153	SN	1	0.0	52.533	6.355	0.0	50.457	7.043	0.0	45.514	4.126	0.0	44.592	4.7	0.0	52.362	6.234	0.0	49.899	6.819	0.0	46.503	3.948	0.0	45.296	4.25
117	5153	5154	NS	1	0.0	51.894	8.167	0.0	50.236	7.376	0.0	47.663	5.563	0.0	50.312	5.942	0.0	47.632	6.974	0.0	52.994	6.202	0.0	48.945	4.769	0.0	51.988	5.333
118	5153	5154	NS	1	0.0	48.712	2.714	0.0	48.732	2.486	0.0	40.069	1.625	0.0	44.749	1.838	0.0	45.005	2.287	0.0	49.168	2.055	0.0	38.762	1.351	0.0	44.799	1.546
119	5153	5154	NS	1	0.0	48.712	2.714	0.0	48.732	2.486	0.0	40.069	1.625	0.0	44.749	1.838	0.0	45.005	2.287	0.0	49.168	2.055	0.0	38.762	1.351	0.0	44.799	1.546
120	5153	5154	SN	1	0.0	46.562	1.868	0.0	43.189	1.82	0.0	36.992	1.519	0.0	37.493	1.428	0.0	46.71	1.567	0.0	45.391	1.568	0.0	36.395	1.375	0.0	35.965	1.273
121	5153	5154	NS	1	0.0	51.894	8.167	0.0	50.236	7.376	0.0	47.663	5.563	0.0	50.312	5.942	0.0	47.632	6.974	0.0	52.994	6.202	0.0	48.945	4.769	0.0	51.988	5.333
122	5153	5154	SN	1	0.0	46.562	6.153	0.0	48.271	5.648	0.0	47.004	4.369	0.0	41.761	4.443	0.0	46.71	5.534	0.0	46.946	5.17	0.0	44.686	4.148	0.0	42.841	4.122
123	5154	5155	NS	1	0.0	52.224	5.825	0.0	47.055	4.889	0.0	42.853	3.693	0.0	52.621	3.752	0.0	48.631	4.824	0.0	47.09	4.15	0.0	40.626	3.162	0.0	51.058	3.064
124	5154	5155	NS	1	0.0	47.29	2.024	0.0	49.018	1.628	0.0	42.558	1.228	0.0	42.457	1.197	0.0	47.233	1.61	0.0	46.971	1.314	0.0	43.733	0.991	0.0	41.392	0.947

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	5130	5131	SN	1	0.0	25.816	8.093	0.0	27.211	7.857	0.0	130.413	2.025	0.0	11.576	1.75	0.0	1.889	0.0	0.0	1.935	0.0	0.0	2.013	0.0	0.0	2.045	0.0
2	5130	5131	SN	1	0.0	32.119	15.264	0.0	24.966	14.292	0.0	140.754	10.693	0.0	15.475	9.556	0.0	1.886	0.0	0.0	1.965	0.0	0.0	2.017	0.0	0.0	2.034	0.0
3	5130	5131	NS	1	0.0	27.007	10.813	0.0	26.979	10.293	0.0	352.803	5.465	0.0	139.259	5.023	0.0	1.92	0.0	0.0	1.971	0.0	0.0	2.082	0.0	0.0	2.118	0.0
4	5130	5131	SN	1	0.0	32.119	15.205	0.0	24.966	14.616	0.0	140.754	10.556	0.0	53.247	10.027	0.0	1.886	0.0	0.0	1.965	0.0	0.0	2.017	0.0	0.0	2.034	0.0
5	5130	5131	SN	1	0.0	32.119	15.205	0.0	24.966	14.616	0.0	140.754	10.556	0.0	53.247	10.027	0.0	1.886	0.0	0.0	1.965	0.0	0.0	2.017	0.0	0.0	2.034	0.0
6	5130	5131	SN	1	0.0	25.816	8.028	0.0	27.211	7.892	0.0	130.413	1.982	0.0	42.554	1.87	0.0	1.889	0.0	0.0	1.935	0.0	0.0	2.013	0.0	0.0	2.045	0.0
7	5130	5131	SN	1	0.0	25.816	8.028	0.0	27.211	7.892	0.0	130.413	1.982	0.0	42.554	1.87	0.0	1.889	0.0	0.0	1.935	0.0	0.0	2.013	0.0	0.0	2.045	0.0
8	5130	5131	NS	1	0.0	27.244	13.862	0.0	32.23	16.362	0.0	143.52	14.748	0.0	69.875	14.531	0.0	1.918	0.0	0.0	1.959	0.0	0.0	2.078	0.0	0.0	2.116	0.0
9	5131	5132	SN	1	0.0	32.125	15.234	0.0	168.723	14.616	0.0	144.09	10.653	0.0	53.986	10.056	0.0	1.883	0.0	0.0	1.966	0.0	0.0	2.017	0.0	0.0	2.034	0.0
10	5131	5132	NS	1	0.0	26.99	10.808	0.0	26.968	10.311	0.0	353.09	5.468	0.0	130.871	4.963	0.0	1.92	0.0	0.0	1.947	0.0	0.0	2.076	0.0	0.0	2.07	0.0
11	5131	5132	NS	1	0.0	26.99	10.785	0.0	26.968	10.323	0.0	353.09	5.478	0.0	129.272	4.98	0.0	1.919	0.0	0.0	1.941	0.0	0.0	2.076	0.0	0.0	2.086	0.0
12	5131	5132	NS	1	0.0	27.272	13.864	0.0	33.217	16.393	0.0	141.452	14.77	0.0	75.71	14.524	0.0	1.918	0.0	0.0	1.932	0.0	0.0	2.076	0.0	0.0	2.095	0.0
13	5131	5132	NS	1	0.0	27.266	13.894	0.0	32.908	16.439	0.0	354.408	14.759	0.0	145.635	14.477	0.0	1.921	0.0	0.0	1.953	0.0	0.0	2.076	0.0	0.0	2.095	0.0
14	5131	5132	SN	1	0.0	25.827	8.073	0.0	27.211	7.909	0.0	139.254	2.005	0.0	13.186	1.798	0.0	1.89	0.0	0.0	1.936	0.0	0.0	2.014	0.0	0.0	2.052	0.0
15	5131	5132	SN	1	0.0	25.827	8.073	0.0	27.211	7.909	0.0	139.254	2.005	0.0	13.186	1.798	0.0	1.89	0.0	0.0	1.936	0.0	0.0	2.014	0.0	0.0	2.052	0.0
16	5131	5132	SN	1	0.0	25.827	8.073	0.0	27.211	7.917	0.0	139.254	2.005	0.0	43.375	1.895	0.0	1.89	0.0	0.0	1.936	0.0	0.0	2.014	0.0	0.0	2.052	0.0
17	5131	5132	SN	1	0.0	32.125	15.235	0.0	168.723	14.464	0.0	144.09	10.653	0.0	18.922	9.796	0.0	1.883	0.0	0.0	1.966	0.0	0.0	2.017	0.0	0.0	2.034	0.0
18	5131	5132	SN	1	0.0	32.125	15.234	0.0	168.723	14.53	0.0	144.09	10.653	0.0	19.909	9.843	0.0	1.883	0.0	0.0	1.966	0.0	0.0	2.017	0.0	0.0	2.034	0.0
19	5132	5133	NS	1	0.0	27.277	13.853	0.0	33.228	16.433	0.0	153.309	14.834	0.0	82.802	14.589	0.0	1.915	0.0	0.0	1.943	0.0	0.0	2.079	0.0	0.0	2.11	0.0
20	5132	5133	SN	1	0.0	32.197	15.232	0.0	24.994	14.491	0.0	82.78	10.698	0.0	17.455	9.807	0.0	1.882	0.0	0.0	1.965	0.0	0.0	2.017	0.0	0.0	2.034	0.0
21	5132	5133	NS	1	0.0	27.001	10.781	0.0	26.968	10.262	0.0	146.161	5.489	0.0	132.321	5.031	0.0	1.921	0.0	0.0	1.952	0.0	0.0	2.074	0.0	0.0	2.097	0.0
22	5132	5133	SN	1	0.0	25.827	8.06	0.0	27.217	7.921	0.0	78.445	1.977	0.0	48.846	1.893	0.0	1.888	0.0	0.0	1.936	0.0	0.0	2.015	0.0	0.0	2.023	0.0
23	5132	5133	SN	1	0.0	32.197	15.185	0.0	25.601	14.677	0.0	82.78	10.605	0.0	60.533	10.127	0.0	1.882	0.0	0.0	1.965	0.0	0.0	2.017	0.0	0.0	2.034	0.0
24	5132	5133	SN	1	0.0	25.827	8.101	0.0	27.217	7.902	0.0	78.445	2.008	0.0	12.05	1.792	0.0	1.888	0.0	0.0	1.936	0.0	0.0	2.015	0.0	0.0	2.023	0.0
25	5133	5134	SN	1	0.0	32.434	15.187	0.0	24.961	14.397	0.0	122.416	10.71	0.0	14.957	9.677	0.0	1.884	0.0	0.0	1.964	0.0	0.0	2.018	0.0	0.0	2.032	0.0
26	5133	5134	SN	1	0.0	25.821	8.091	0.0	27.228	7.948	0.0	124.849	1.964	0.0	49.442	1.894	0.0	1.888	0.0	0.0	1.926	0.0	0.0	2.014	0.0	0.0	2.045	0.0
27	5133	5134	SN	1	0.0	25.821	8.153	0.0	27.228	7.91	0.0	124.849	2.009	0.0	11.51	1.776	0.0	1.888	0.0	0.0	1.926	0.0	0.0	2.014	0.0	0.0	2.045	0.0
28	5133	5134	NS	1	0.0	26.996	10.747	0.0	26.957	10.287	0.0	152.173	5.476	0.0	139.596	5.005	0.0	1.917	0.0	0.0	1.95	0.0	0.0	2.076	0.0	0.0	2.083	0.0
29	5133	5134	SN	1	0.0	32.434	15.138	0.0	25.65	14.668	0.0	122.416	10.546	0.0	63.213	10.124	0.0	1.884	0.0	0.0	1.964	0.0	0.0	2.018	0.0	0.0	2.032	0.0
30	5133	5134	NS	1	0.0	27.266	13.919	0.0	32.886	16.389	0.0	158.107	14.815	0.0	74.607	14.585	0.0	1.915	0.0	0.0	1.95	0.0	0.0	2.076	0.0	0.0	2.106	0.0
31	5134	5135	NS	1	0.0	27.007	10.754	0.0	26.963	10.273	0.0	353.785	5.443	0.0	144.03	5.037	0.0	1.919	0.0	0.0	1.949	0.0	0.0	2.076	0.0	0.0	2.102	0.0

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

32	5134	5135	SN	1	0.0	25.81	8.053	0.0	27.217	7.921	0.0	143.539	1.973	0.0	55.757	1.887	0.0	1.888	0.0	0.0	1.935	0.0	0.0	2.014	0.0	0.0	2.045	0.0
33	5134	5135	NS	1	0.0	27.255	13.919	0.0	32.93	16.389	0.0	353.785	14.814	0.0	74.182	14.578	0.0	1.915	0.0	0.0	1.933	0.0	0.0	2.077	0.0	0.0	2.101	0.0
34	5134	5135	SN	1	0.0	32.357	15.128	0.0	25.65	14.637	0.0	143.539	10.56	0.0	69.539	10.046	0.0	1.885	0.0	0.0	1.965	0.0	0.0	2.018	0.0	0.0	2.035	0.0
35	5135	5136	SN	1	0.0	25.827	8.038	0.0	27.222	7.916	0.0	128.042	1.995	0.0	46.53	1.881	0.0	1.888	0.0	0.0	1.935	0.0	0.0	2.02	0.0	0.0	2.046	0.0
36	5135	5136	SN	1	0.0	32.318	15.169	0.0	25.639	14.637	0.0	92.051	10.653	0.0	55.161	10.024	0.0	1.885	0.0	0.0	1.965	0.0	0.0	2.018	0.0	0.0	2.031	0.0
37	5135	5136	NS	1	0.0	27.244	13.891	0.0	33.189	16.361	0.0	355.108	14.781	0.0	184.135	14.551	0.0	1.924	0.0	0.0	1.94	0.0	0.0	2.079	0.0	0.0	2.109	0.0
38	5135	5136	SN	1	0.0	25.827	8.123	0.0	27.222	7.844	0.0	128.042	2.089	0.0	11.521	1.758	0.0	1.888	0.0	0.0	1.935	0.0	0.0	2.02	0.0	0.0	2.046	0.0
39	5135	5136	NS	1	0.0	27.007	10.792	0.0	26.968	10.292	0.0	354.022	5.487	0.0	139.336	5.01	0.0	1.918	0.0	0.0	1.952	0.0	0.0	2.078	0.0	0.0	2.096	0.0
40	5135	5136	SN	1	0.0	32.318	15.235	0.0	24.977	14.152	0.0	92.051	10.943	0.0	14.08	9.201	0.0	1.885	0.0	0.0	1.965	0.0	0.0	2.018	0.0	0.0	2.031	0.0
41	5136	5137	SN	1	0.0	25.821	8.097	0.0	27.222	7.852	0.0	74.877	2.062	0.0	11.51	1.771	0.0	1.888	0.0	0.0	1.937	0.0	0.0	2.011	0.0	0.0	2.038	0.0
42	5136	5137	SN	1	0.0	25.821	8.013	0.0	27.222	7.9	0.0	74.877	1.979	0.0	49.453	1.884	0.0	1.888	0.0	0.0	1.937	0.0	0.0	2.011	0.0	0.0	2.038	0.0
43	5136	5137	NS	1	0.0	27.239	13.842	0.0	33.195	16.322	0.0	355.29	14.795	0.0	77.116	14.574	0.0	1.919	0.0	0.0	1.929	0.0	0.0	2.078	0.0	0.0	2.097	0.0
44	5136	5137	SN	1	0.0	32.18	15.178	0.0	25.617	14.645	0.0	87.689	10.561	0.0	51.571	10.053	0.0	1.885	0.0	0.0	1.963	0.0	0.0	2.016	0.0	0.0	2.058	0.0
45	5136	5137	NS	1	0.0	27.012	10.832	0.0	26.974	10.288	0.0	354.253	5.507	0.0	169.63	5.021	0.0	1.92	0.0	0.0	1.925	0.0	0.0	2.078	0.0	0.0	2.097	0.0
46	5136	5137	SN	1	0.0	32.18	15.222	0.0	24.983	14.153	0.0	87.689	10.843	0.0	14.46	9.285	0.0	1.885	0.0	0.0	1.963	0.0	0.0	2.016	0.0	0.0	2.058	0.0
47	5137	5138	NS	1	0.0	27.244	13.862	0.0	33.239	16.301	0.0	149.316	14.802	0.0	62.347	14.66	0.0	1.919	0.0	0.0	1.927	0.0	0.0	2.077	0.0	0.0	2.09	0.0
48	5137	5138	SN	1	0.0	32.241	15.2	0.0	25.612	14.624	0.0	87.997	10.516	0.0	52.464	10.019	0.0	1.885	0.0	0.0	1.962	0.0	0.0	2.016	0.0	0.0	2.06	0.0
49	5137	5138	NS	1	0.0	27.001	10.879	0.0	26.974	10.272	0.0	350.933	5.509	0.0	145.017	5.021	0.0	1.919	0.0	0.0	1.926	0.0	0.0	2.079	0.0	0.0	2.08	0.0
50	5137	5138	SN	1	0.0	25.827	7.986	0.0	27.222	7.871	0.0	73.35	1.967	0.0	43.094	1.878	0.0	1.888	0.0	0.0	1.912	0.0	0.0	2.011	0.0	0.0	2.038	0.0
51	5137	5138	SN	1	0.0	32.241	15.414	0.0	24.961	14.054	0.0	87.997	11.156	0.0	12.977	8.884	0.0	1.885	0.0	0.0	1.962	0.0	0.0	2.016	0.0	0.0	2.06	0.0
52	5137	5138	SN	1	0.0	25.827	8.115	0.0	27.222	7.78	0.0	73.35	2.144	0.0	10.765	1.735	0.0	1.888	0.0	0.0	1.912	0.0	0.0	2.011	0.0	0.0	2.038	0.0
53	5138	5139	SN	1	0.0	32.274	15.217	0.0	25.551	14.616	0.0	115.12	10.498	0.0	53.126	9.97	0.0	1.885	0.0	0.0	1.964	0.0	0.0	2.017	0.0	0.0	2.024	0.0
54	5138	5139	SN	1	0.0	25.816	7.994	0.0	27.228	7.844	0.0	130.722	1.968	0.0	42.443	1.868	0.0	1.888	0.0	0.0	1.944	0.0	0.0	2.012	0.0	0.0	2.028	0.0
55	5138	5139	NS	1	0.0	27.211	13.884	0.0	32.406	16.372	0.0	142.086	14.814	0.0	75.429	14.667	0.0	1.919	0.0	0.0	1.919	0.0	0.0	2.078	0.0	0.0	2.076	0.0
56	5138	5139	NS	1	0.0	27.001	10.872	0.0	26.996	10.273	0.0	352.897	5.554	0.0	128.875	4.991	0.0	1.923	0.0	0.0	1.924	0.0	0.0	2.076	0.0	0.0	2.078	0.0
57	5139	5140	NS	1	0.0	27.012	10.842	0.0	26.985	10.294	0.0	353.095	5.52	0.0	136.204	5.033	0.0	1.921	0.0	0.0	1.923	0.0	0.0	2.075	0.0	0.0	2.074	0.0
58	5139	5140	NS	1	0.0	27.255	13.864	0.0	32.902	16.419	0.0	353.095	14.787	0.0	146.644	14.555	0.0	1.925	0.0	0.0	1.918	0.0	0.0	2.077	0.0	0.0	2.072	0.0
59	5144	5145	SN	1	0.0	31.744	15.208	0.0	25.722	14.523	0.0	83.232	10.422	0.0	52.591	9.984	0.0	1.885	0.0	0.0	1.961	0.0	0.0	2.016	0.0	0.0	2.055	0.0
60	5144	5145	SN	1	0.0	25.799	7.972	0.0	27.205	7.821	0.0	72.715	1.874	0.0	49.536	1.886	0.0	1.887	0.0	0.0	1.936	0.0	0.0	2.01	0.0	0.0	2.039	0.0
61	5145	5146	SN	1	0.0	25.788	8.028	0.0	27.217	7.824	0.0	72.048	1.922	0.0	12.569	1.801	0.0	1.886	0.0	0.0	1.938	0.0	0.0	2.01	0.0	0.0	2.039	0.0
62	5145	5146	NS	1	0.0	27.266	13.802	0.0	33.278	16.291	0.0	147.783	14.823	0.0	74.954	14.624	0.0	1.917	0.0	0.0	1.924	0.0	0.0	2.078	0.0	0.0	2.073	0.0
63	5145	5146	SN	1	0.0	31.722	15.24	0.0	25.788	14.513	0.0	87.225	10.487	0.0	52.42	9.956	0.0	1.885	0.0	0.0	1.964	0.0	0.0	2.016	0.0	0.0	2.056	0.0
64	5145	5146	NS	1	0.0	27.007	10.983	0.0	26.985	10.241	0.0	353.001	5.623	0.0	133.711	5.084	0.0	1.922	0.0	0.0	1.914	0.0	0.0	2.08	0.0	0.0	2.071	0.0
65	5145	5146	NS	1	0.0	27.007	10.983	0.0	26.985	10.241	0.0	353.001	5.623	0.0	133.711	5.084	0.0	1.922	0.0	0.0	1.914	0.0	0.0	2.08	0.0	0.0	2.071	0.0
66	5145	5146	SN	1	0.0	25.788	8.008	0.0	27.217	7.837	0.0	72.048	1.89	0.0	43.034	1.904	0.0	1.886	0.0	0.0	1.938	0.0	0.0	2.01	0.0	0.0	2.039	0.0
67	5145	5146	SN	1	0.0	31.722	15.28	0.0	25.788	14.283	0.0	87.225	10.614	0.0	18.018	9.648	0.0	1.885	0.0	0.0	1.964	0.0	0.0	2.016	0.0	0.0	2.056	0.0
68	5145	5146	NS	1	0.0	27.266	13.802	0.0	33.278	16.291	0.0	147.783	14.823	0.0	74.954	14.624	0.0	1.917	0.0	0.0	1.924	0.0	0.0	2.078	0.0	0.0	2.073	0.0

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

69	5145	5146	SN	1	0.0	25.788	8.01	0.0	27.217	7.837	0.0	72.048	1.89	0.0	43.034	1.902	0.0	1.886	0.0	0.0	1.938	0.0	0.0	2.01	0.0	0.0	2.039	0.0
70	5145	5146	SN	1	0.0	31.722	15.24	0.0	25.788	14.513	0.0	87.225	10.487	0.0	52.42	9.956	0.0	1.885	0.0	0.0	1.964	0.0	0.0	2.016	0.0	0.0	2.056	0.0
71	5146	5147	NS	1	0.0	27.205	13.803	0.0	32.985	16.301	0.0	140.001	14.899	0.0	72.213	14.759	0.0	1.92	0.0	0.0	1.918	0.0	0.0	2.078	0.0	0.0	2.07	0.0
72	5146	5147	SN	1	0.0	32.274	15.241	0.0	25.788	14.383	0.0	91.168	10.582	0.0	18.663	9.764	0.0	1.885	0.0	0.0	1.964	0.0	0.0	2.017	0.0	0.0	2.03	0.0
73	5146	5147	SN	1	0.0	32.274	15.241	0.0	25.788	14.383	0.0	91.168	10.582	0.0	18.663	9.764	0.0	1.885	0.0	0.0	1.964	0.0	0.0	2.017	0.0	0.0	2.03	0.0
74	5146	5147	SN	1	0.0	32.274	15.205	0.0	25.788	14.566	0.0	91.168	10.483	0.0	53.319	10.009	0.0	1.885	0.0	0.0	1.964	0.0	0.0	2.017	0.0	0.0	2.03	0.0
75	5146	5147	NS	1	0.0	27.205	13.813	0.0	32.991	16.312	0.0	139.979	14.906	0.0	72.241	14.759	0.0	1.92	0.0	0.0	1.919	0.0	0.0	2.078	0.0	0.0	2.07	0.0
76	5146	5147	SN	1	0.0	25.799	8.036	0.0	27.233	7.853	0.0	130.606	1.908	0.0	13.247	1.838	0.0	1.888	0.0	0.0	1.935	0.0	0.0	2.012	0.0	0.0	2.054	0.0
77	5146	5147	SN	1	0.0	25.799	8.036	0.0	27.233	7.853	0.0	130.606	1.908	0.0	13.247	1.838	0.0	1.888	0.0	0.0	1.935	0.0	0.0	2.012	0.0	0.0	2.054	0.0
78	5146	5147	SN	1	0.0	25.799	8.018	0.0	27.233	7.867	0.0	130.606	1.883	0.0	42.796	1.926	0.0	1.888	0.0	0.0	1.935	0.0	0.0	2.012	0.0	0.0	2.054	0.0
79	5146	5147	NS	1	0.0	27.012	10.94	0.0	26.974	10.216	0.0	353.012	5.606	0.0	137.015	5.076	0.0	1.92	0.0	0.0	1.915	0.0	0.0	2.076	0.0	0.0	2.069	0.0
80	5146	5147	NS	1	0.0	27.012	10.949	0.0	26.974	10.223	0.0	353.013	5.606	0.0	137.086	5.072	0.0	1.919	0.0	0.0	1.913	0.0	0.0	2.076	0.0	0.0	2.069	0.0
81	5147	5148	NS	1	0.0	27.233	13.813	0.0	32.98	16.291	0.0	152.366	14.799	0.0	79.195	14.745	0.0	1.92	0.0	0.0	1.918	0.0	0.0	2.079	0.0	0.0	2.071	0.0
82	5147	5148	SN	1	0.0	25.805	8.075	0.0	224.962	7.846	0.0	79.3	1.929	0.0	11.4	1.817	0.0	1.886	0.0	0.0	1.935	0.0	0.0	2.012	0.0	0.0	2.054	0.0
83	5147	5148	NS	1	0.0	27.012	10.927	0.0	26.985	10.214	0.0	156.408	5.618	0.0	133.711	5.081	0.0	1.919	0.0	0.0	1.916	0.0	0.0	2.076	0.0	0.0	2.069	0.0
84	5147	5148	SN	1	0.0	32.29	15.248	0.0	34.416	14.323	0.0	83.558	10.637	0.0	16.666	9.648	0.0	1.885	0.0	0.0	1.963	0.0	0.0	2.016	0.0	0.0	2.03	0.0
85	5147	5148	SN	1	0.0	32.29	15.195	0.0	34.416	14.587	0.0	83.558	10.497	0.0	53.997	10.016	0.0	1.885	0.0	0.0	1.963	0.0	0.0	2.016	0.0	0.0	2.03	0.0
86	5147	5148	SN	1	0.0	25.805	8.054	0.0	224.962	7.872	0.0	79.3	1.891	0.0	43.596	1.938	0.0	1.886	0.0	0.0	1.935	0.0	0.0	2.012	0.0	0.0	2.054	0.0
87	5148	5149	SN	1	0.0	25.805	8.083	0.0	27.217	7.825	0.0	117.172	1.961	0.0	11.493	1.793	0.0	1.887	0.0	0.0	1.933	0.0	0.0	2.011	0.0	0.0	2.053	0.0
88	5148	5149	NS	1	0.0	27.244	13.907	0.0	32.279	16.349	0.0	168.883	14.899	0.0	68.292	14.749	0.0	1.923	0.0	0.0	1.929	0.0	0.0	2.078	0.0	0.0	2.071	0.0
89	5148	5149	SN	1	0.0	31.678	15.138	0.0	25.777	14.525	0.0	123.15	10.432	0.0	62.209	9.932	0.0	1.883	0.0	0.0	1.961	0.0	0.0	2.016	0.0	0.0	2.051	0.0
90	5148	5149	SN	1	0.0	31.678	15.193	0.0	25.777	14.18	0.0	123.15	10.62	0.0	14.576	9.384	0.0	1.883	0.0	0.0	1.961	0.0	0.0	2.016	0.0	0.0	2.051	0.0
91	5148	5149	NS	1	0.0	27.001	10.94	0.0	26.974	10.194	0.0	164.036	5.598	0.0	149.153	5.083	0.0	1.922	0.0	0.0	1.914	0.0	0.0	2.077	0.0	0.0	2.068	0.0
92	5148	5149	SN	1	0.0	25.805	8.054	0.0	27.217	7.867	0.0	117.172	1.907	0.0	48.902	1.915	0.0	1.887	0.0	0.0	1.933	0.0	0.0	2.011	0.0	0.0	2.053	0.0
93	5149	5150	SN	1	0.0	25.794	8.052	0.0	27.222	7.852	0.0	144.267	1.881	0.0	18.927	1.871	0.0	1.887	0.0	0.0	1.933	0.0	0.0	2.012	0.0	0.0	2.05	0.0
94	5149	5150	NS	1	0.0	27.25	13.867	0.0	32.224	16.347	0.0	353.768	14.9	0.0	75.147	14.763	0.0	1.924	0.0	0.0	1.92	0.0	0.0	2.077	0.0	0.0	2.071	0.0
95	5149	5150	SN	1	0.0	32.467	15.144	0.0	25.794	14.538	0.0	144.267	10.429	0.0	26.472	9.868	0.0	1.883	0.0	0.0	1.96	0.0	0.0	2.016	0.0	0.0	2.042	0.0
96	5149	5150	SN	1	0.0	25.794	8.052	0.0	27.222	7.858	0.0	144.267	1.871	0.0	26.566	1.905	0.0	1.887	0.0	0.0	1.933	0.0	0.0	2.012	0.0	0.0	2.05	0.0
97	5149	5150	NS	1	0.0	27.012	10.956	0.0	26.985	10.214	0.0	353.768	5.603	0.0	145.26	5.083	0.0	1.923	0.0	0.0	1.918	0.0	0.0	2.078	0.0	0.0	2.069	0.0
98	5149	5150	SN	1	0.0	32.467	15.128	0.0	25.794	14.597	0.0	144.267	10.397	0.0	40.0	9.96	0.0	1.883	0.0	0.0	1.96	0.0	0.0	2.016	0.0	0.0	2.042	0.0
99	5150	5151	NS	1	0.0	27.25	13.897	0.0	32.169	16.317	0.0	353.956	14.877	0.0	82.025	14.749	0.0	1.926	0.0	0.0	1.923	0.0	0.0	2.08	0.0	0.0	2.071	0.0
100	5150	5151	SN	1	0.0	25.777	8.02	0.0	27.233	7.837	0.0	65.518	1.834	0.0	61.228	1.905	0.0	1.886	0.0	0.0	1.942	0.0	0.0	2.011	0.0	0.0	2.05	0.0
101	5150	5151	SN	1	0.0	32.456	15.132	0.0	26.191	14.546	0.0	87.181	10.305	0.0	74.144	9.981	0.0	1.885	0.0	0.0	1.961	0.0	0.0	2.016	0.0	0.0	2.051	0.0
102	5150	5151	SN	1	0.0	25.777	8.048	0.0	27.233	7.788	0.0	65.518	1.888	0.0	11.4	1.785	0.0	1.886	0.0	0.0	1.942	0.0	0.0	2.011	0.0	0.0	2.05	0.0
103	5150	5151	SN	1	0.0	32.456	15.191	0.0	25.794	14.143	0.0	87.181	10.497	0.0	14.582	9.401	0.0	1.885	0.0	0.0	1.961	0.0	0.0	2.016	0.0	0.0	2.051	0.0
104	5150	5151	NS	1	0.0	27.018	10.981	0.0	27.001	10.237	0.0	353.956	5.64	0.0	179.453	5.111	0.0	1.923	0.0	0.0	1.913	0.0	0.0	2.079	0.0	0.0	2.071	0.0
105	5151	5152	NS	1	0.0	27.272	13.792	0.0	32.467	16.278	0.0	354.143	14.822	0.0	73.079	14.8	0.0	1.925	0.0	0.0	1.924	0.0	0.0	2.078	0.0	0.0	2.073	0.0

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



106	5151	5152	NS	1	0.0	27.018	11.017	0.0	26.99	10.254	0.0	354.143	5.665	0.0	148.999	5.108	0.0	1.922	0.0	0.0	1.915	0.0	0.0	2.079	0.0	0.0	2.072	0.0
107	5151	5152	SN	1	0.0	31.353	15.239	0.0	25.799	14.584	0.0	87.942	10.259	0.0	67.779	9.927	0.0	1.883	0.0	0.0	1.961	0.0	0.0	2.015	0.0	0.0	2.048	0.0
108	5151	5152	SN	1	0.0	25.783	7.99	0.0	27.228	7.817	0.0	73.631	1.774	0.0	53.931	1.888	0.0	1.885	0.0	0.0	1.938	0.0	0.0	2.011	0.0	0.0	2.04	0.0
109	5152	5153	SN	1	0.0	25.783	7.947	0.0	27.222	7.774	0.0	73.526	1.787	0.0	49.778	1.889	0.0	1.885	0.0	0.0	1.942	0.0	0.0	2.01	0.0	0.0	2.04	0.0
110	5152	5153	SN	1	0.0	25.783	7.947	0.0	27.222	7.774	0.0	73.526	1.787	0.0	49.778	1.889	0.0	1.885	0.0	0.0	1.942	0.0	0.0	2.01	0.0	0.0	2.04	0.0
111	5152	5153	NS	1	0.0	27.205	13.786	0.0	33.029	16.228	0.0	354.981	14.909	0.0	145.155	14.785	0.0	1.924	0.0	0.0	1.916	0.0	0.0	2.078	0.0	0.0	2.072	0.0
112	5152	5153	NS	1	0.0	27.244	13.844	0.0	32.489	16.246	0.0	148.296	14.88	0.0	63.119	14.729	0.0	1.921	0.0	0.0	1.925	0.0	0.0	2.079	0.0	0.0	2.072	0.0
113	5152	5153	SN	1	0.0	31.336	15.218	0.0	26.185	14.574	0.0	88.582	10.238	0.0	52.663	9.913	0.0	1.884	0.0	0.0	1.963	0.0	0.0	2.016	0.0	0.0	2.05	0.0
114	5152	5153	NS	1	0.0	27.018	11.014	0.0	26.99	10.238	0.0	140.679	5.676	0.0	121.589	5.11	0.0	1.923	0.0	0.0	1.915	0.0	0.0	2.079	0.0	0.0	2.072	0.0
115	5152	5153	NS	1	0.0	27.029	10.99	0.0	26.99	10.225	0.0	143.492	5.685	0.0	139.827	5.133	0.0	1.923	0.0	0.0	1.915	0.0	0.0	2.079	0.0	0.0	2.072	0.0
116	5152	5153	SN	1	0.0	31.336	15.218	0.0	26.185	14.574	0.0	88.582	10.238	0.0	52.663	9.913	0.0	1.884	0.0	0.0	1.963	0.0	0.0	2.016	0.0	0.0	2.05	0.0
117	5153	5154	NS	1	0.0	27.217	13.776	0.0	32.93	16.289	0.0	141.385	14.881	0.0	146.677	14.814	0.0	1.923	0.0	0.0	1.923	0.0	0.0	2.079	0.0	0.0	2.072	0.0
118	5153	5154	NS	1	0.0	27.035	10.997	0.0	26.985	10.261	0.0	352.753	5.651	0.0	137.147	5.113	0.0	1.922	0.0	0.0	1.914	0.0	0.0	2.078	0.0	0.0	2.073	0.0
119	5153	5154	NS	1	0.0	27.035	10.997	0.0	26.985	10.261	0.0	352.753	5.651	0.0	137.147	5.113	0.0	1.922	0.0	0.0	1.914	0.0	0.0	2.078	0.0	0.0	2.073	0.0
120	5153	5154	SN	1	0.0	25.788	7.992	0.0	27.217	7.769	0.0	71.739	1.773	0.0	42.973	1.882	0.0	1.885	0.0	0.0	1.941	0.0	0.0	2.01	0.0	0.0	2.039	0.0
121	5153	5154	NS	1	0.0	27.217	13.776	0.0	32.93	16.289	0.0	141.385	14.881	0.0	146.677	14.814	0.0	1.923	0.0	0.0	1.923	0.0	0.0	2.079	0.0	0.0	2.072	0.0
122	5153	5154	SN	1	0.0	31.32	15.23	0.0	26.185	14.492	0.0	87.313	10.211	0.0	53.462	9.956	0.0	1.885	0.0	0.0	1.96	0.0	0.0	2.016	0.0	0.0	2.047	0.0
123	5154	5155	NS	1	0.0	27.244	13.886	0.0	32.34	16.306	0.0	352.836	14.93	0.0	147.455	14.711	0.0	1.921	0.0	0.0	1.924	0.0	0.0	2.079	0.0	0.0	2.074	0.0
124	5154	5155	NS	1	0.0	27.023	11.025	0.0	26.99	10.217	0.0	352.836	5.655	0.0	138.796	5.136	0.0	1.923	0.0	0.0	1.915	0.0	0.0	2.081	0.0	0.0	2.073	0.0

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