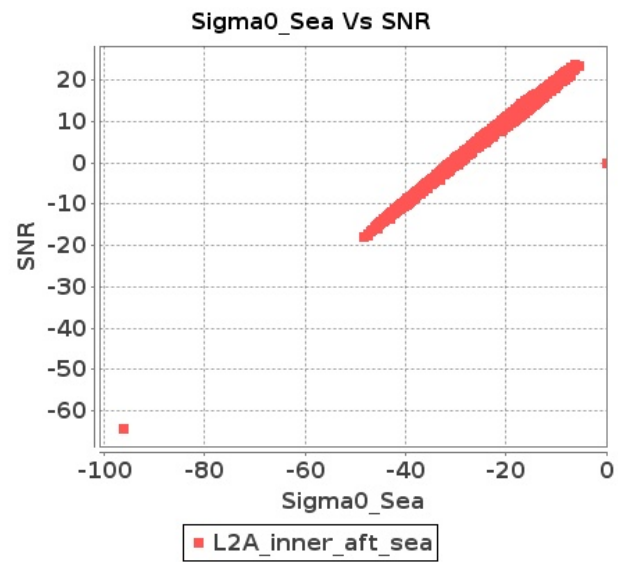


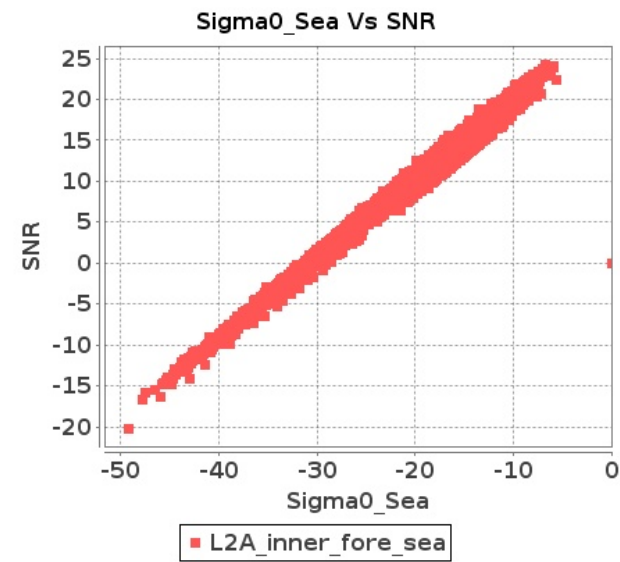
SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 20-AUG-2018 To 21-AUG-2018

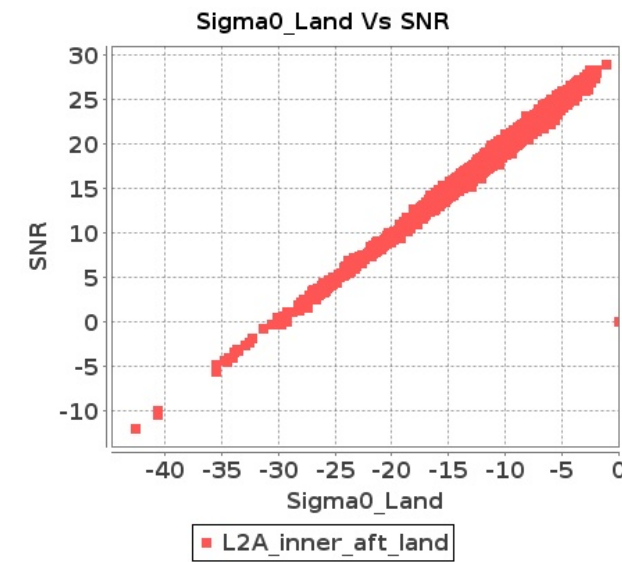
Inner Sea Aft Sigma0VsSNR



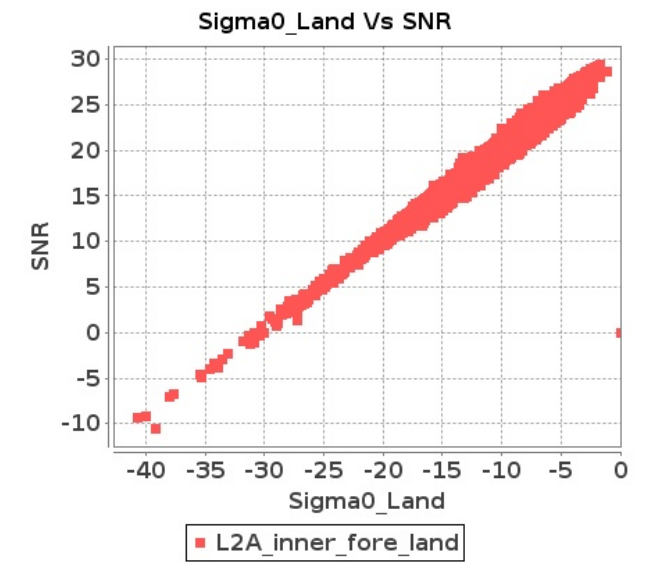
Inner Sea Fore Sigma0VsSNR



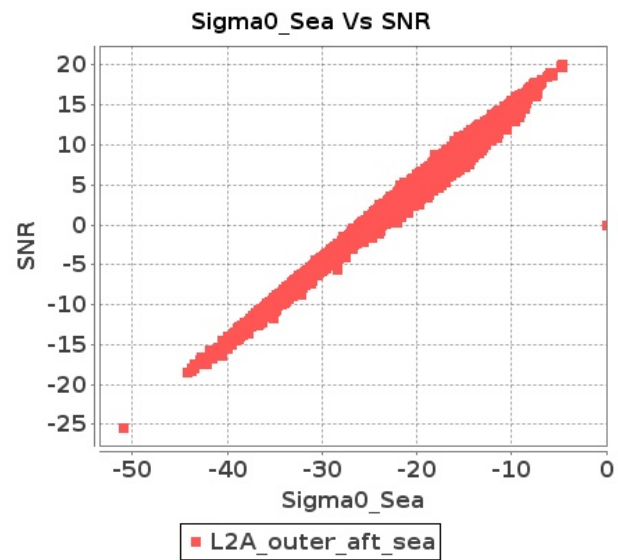
Inner Land Aft Sigma0VsSNR



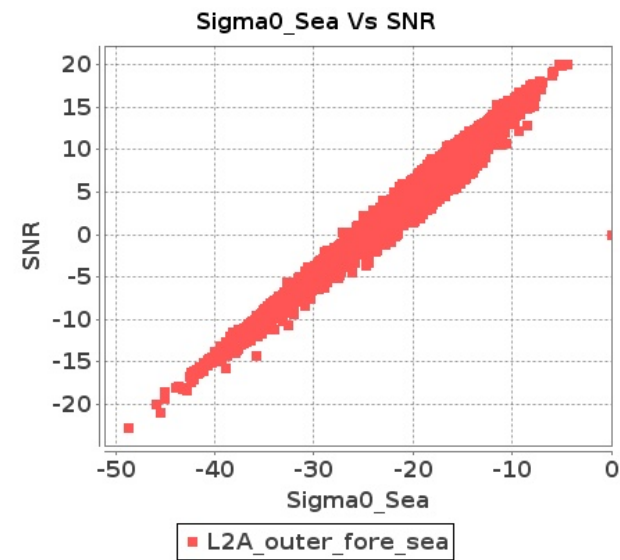
Inner Land Fore Sigma0VsSNR



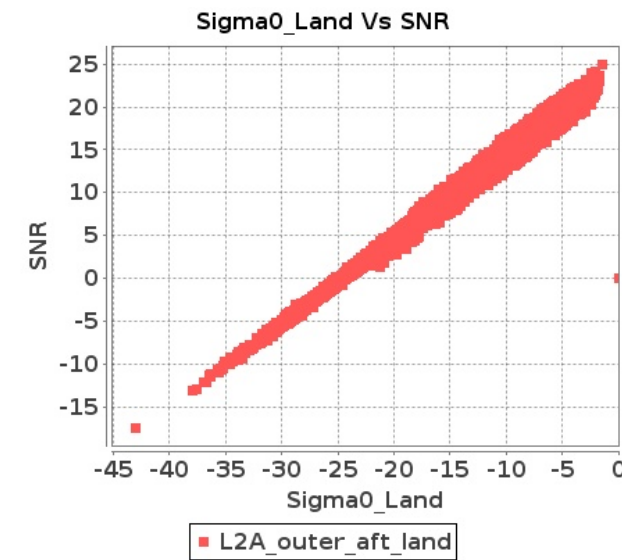
Outer Sea Aft Sigma0VsSNR



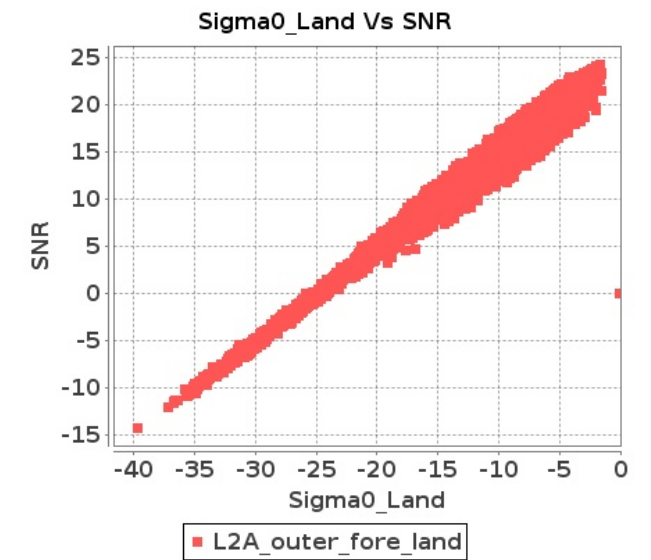
Outer Sea Fore Sigma0VsSNR



Outer Land Aft Sigma0VsSNR



Outer Land Fore Sigma0VsSNR



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

Report between 20-AUG-2018 To 21-AUG-2018

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	10045	10046	SN	1	0.0	46.294	3.542	0.0	43.287	4.304	0.0	42.182	3.371	0.0	45.542	4.081	0.0	46.485	3.664	0.0	44.065	3.867	0.0	42.914	3.172	0.0	47.034	3.491
2	10045	10046	SN	1	0.0	50.372	3.552	0.0	43.039	4.334	0.0	42.108	3.378	0.0	45.223	4.173	0.0	49.855	3.674	0.0	43.06	3.837	0.0	43.081	3.136	0.0	46.718	3.59
3	10045	10046	SN	1	0.0	46.294	3.483	0.0	43.287	4.384	0.0	41.251	3.154	0.0	45.542	4.024	0.0	46.485	3.611	0.0	44.065	3.924	0.0	42.914	2.982	0.0	47.034	3.417
4	10045	10046	SN	1	0.0	47.083	0.995	0.0	42.971	1.205	0.0	39.614	0.854	0.0	43.99	1.122	0.0	47.174	1.004	0.0	40.235	1.121	0.0	38.586	0.785	0.0	44.116	0.971
5	10045	10046	SN	1	0.0	47.083	0.979	0.0	49.286	1.175	0.0	39.614	0.901	0.0	43.99	1.148	0.0	47.174	0.972	0.0	52.43	1.078	0.0	38.586	0.843	0.0	44.116	1.006
6	10045	10046	SN	1	0.0	48.967	0.999	0.0	47.504	1.191	0.0	40.573	0.907	0.0	44.139	1.161	0.0	47.511	0.994	0.0	50.647	1.099	0.0	40.52	0.839	0.0	44.079	1.003
7	10046	10047	SN	1	0.0	45.887	0.951	0.0	44.496	1.343	0.0	41.888	0.983	0.0	45.265	1.303	0.0	46.598	0.938	0.0	44.608	1.221	0.0	38.068	0.917	0.0	42.672	1.12
8	10046	10047	SN	1	0.0	47.016	0.958	0.0	43.96	1.338	0.0	44.54	0.992	0.0	42.829	1.319	0.0	47.718	0.929	0.0	44.074	1.214	0.0	40.484	0.93	0.0	43.008	1.125
9	10046	10047	SN	1	0.0	51.037	3.394	0.0	47.627	4.382	0.0	46.003	3.252	0.0	44.416	4.162	0.0	50.33	3.342	0.0	47.983	4.278	0.0	45.307	3.13	0.0	43.228	3.786
10	10046	10047	SN	1	0.0	48.225	0.946	0.0	44.269	1.372	0.0	44.54	0.974	0.0	42.829	1.343	0.0	47.718	0.928	0.0	44.942	1.223	0.0	40.484	0.911	0.0	43.008	1.144
11	10046	10047	SN	1	0.0	43.491	3.339	0.0	47.627	4.344	0.0	46.187	3.264	0.0	44.93	4.074	0.0	42.927	3.258	0.0	47.983	4.182	0.0	44.158	3.186	0.0	43.741	3.69
12	10046	10047	NS	1	0.0	47.954	0.71	0.0	43.256	0.951	0.0	46.735	0.644	0.0	45.768	1.109	0.0	48.326	0.703	0.0	43.272	0.861	0.0	47.825	0.572	0.0	45.526	0.848
13	10046	10047	SN	1	0.0	42.047	3.288	0.0	47.627	4.395	0.0	46.003	3.243	0.0	44.416	4.095	0.0	43.508	3.278	0.0	47.983	4.233	0.0	45.307	3.193	0.0	43.228	3.754
14	10046	10047	NS	1	0.0	53.423	2.867	0.0	49.707	3.462	0.0	46.568	2.455	0.0	49.273	3.606	0.0	54.407	2.857	0.0	49.37	3.248	0.0	44.945	2.192	0.0	49.571	2.902
15	10047	10048	NS	1	0.0	44.431	1.874	0.0	48.664	2.274	0.0	37.768	1.802	0.0	39.377	2.518	0.0	44.848	1.925	0.0	46.975	2.041	0.0	35.382	1.603	0.0	39.232	2.205
16	10047	10048	NS	1	0.0	47.015	1.975	0.0	48.161	2.304	0.0	38.443	1.681	0.0	43.622	2.639	0.0	46.582	2.046	0.0	46.409	2.101	0.0	37.086	1.603	0.0	43.23	2.205
17	10047	10048	SN	1	0.0	50.607	5.043	0.0	49.065	6.071	0.0	41.016	4.205	0.0	44.75	5.256	0.0	50.231	5.135	0.0	49.053	5.906	0.0	40.541	4.328	0.0	42.817	5.191
18	10047	10048	SN	1	0.0	51.13	5.125	0.0	49.065	6.05	0.0	41.317	4.234	0.0	41.897	5.271	0.0	50.757	5.197	0.0	49.053	5.885	0.0	40.355	4.393	0.0	40.618	5.162
19	10047	10048	SN	1	0.0	41.565	1.178	0.0	48.597	1.77	0.0	40.157	1.266	0.0	41.525	1.8	0.0	43.21	1.194	0.0	46.458	1.632	0.0	40.164	1.233	0.0	40.618	1.69
20	10047	10048	SN	1	0.0	42.275	1.203	0.0	44.776	1.777	0.0	36.124	1.262	0.0	37.637	1.771	0.0	42.887	1.208	0.0	45.255	1.632	0.0	35.209	1.226	0.0	35.829	1.666
21	10047	10048	SN	1	0.0	42.853	1.177	0.0	44.776	1.75	0.0	36.124	1.242	0.0	37.637	1.746	0.0	42.887	1.182	0.0	45.255	1.609	0.0	35.209	1.207	0.0	35.829	1.642
22	10047	10048	NS	1	0.0	35.76	0.507	0.0	46.333	0.585	0.0	39.732	0.471	0.0	45.909	0.759	0.0	35.148	0.496	0.0	44.223	0.542	0.0	41.974	0.411	0.0	45.388	0.621
23	10047	10048	NS	1	0.0	38.664	0.476	0.0	50.868	0.608	0.0	40.968	0.483	0.0	38.813	0.779	0.0	38.756	0.46	0.0	52.308	0.533	0.0	40.151	0.439	0.0	39.266	0.639
24	10047	10048	SN	1	0.0	51.13	5.044	0.0	49.065	5.963	0.0	41.317	4.175	0.0	41.897	5.196	0.0	50.757	5.125	0.0	49.053	5.811	0.0	40.355	4.338	0.0	40.618	5.096
25	10048	10049	SN	1	0.0	50.684	3.804	0.0	48.452	5.083	0.0	43.486	4.131	0.0	45.369	4.933	0.0	49.388	3.804	0.0	49.663	4.667	0.0	42.655	3.754	0.0	47.453	4.3
26	10048	10049	SN	1	0.0	38.749	0.89	0.0	43.276	1.391	0.0	36.181	1.202	0.0	39.046	1.664	0.0	39.866	0.874	0.0	40.719	1.195	0.0	36.894	1.077	0.0	37.774	1.329
27	10048	10049	NS	1	0.0	46.671	0.645	0.0	47.307	0.946	0.0	47.027	0.666	0.0	40.27	1.046	0.0	48.176	0.627	0.0	48.38	0.863	0.0	49.545	0.668	0.0	38.039	0.846
28	10048	10049	SN	1	0.0	48.529	3.892	0.0	51.309	5.178	0.0	39.329	4.129	0.0	45.369	5.007	0.0	47.331	3.913	0.0	51.331	4.784	0.0	40.851	3.839	0.0	47.453	4.361
29	10048	10049	NS	1	0.0	49.247	1.966	0.0	51.678	2.68	0.0	45.149	2.456	0.0	43.364	3.35	0.0	48.854	1.976	0.0	53.423	2.355	0.0	46.663	2.328	0.0	44.163	2.959
30	10048	10049	SN	1	0.0	38.749	0.865	0.0	42.655	1.385	0.0	37.224	1.196	0.0	41.56	1.623	0.0	39.866	0.863	0.0	40.652	1.198	0.0	38.258	1.07	0.0	38.759	1.3
31	10049	10050	SN	1	0.0	45.746	1.276	0.0	46.617	1.909	0.0	42.57	1.606	0.0	38.627	2.388	0.0	44.741	1.222	0.0	46.102	1.726	0.0	40.23	1.471	0.0	37.466	2.017

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

32	10049	10050	SN	1	0.0	52.378	3.869	0.0	48.18	5.179	0.0	43.109	4.935	0.0	42.448	7.092	0.0	51.884	3.828	0.0	49.504	4.687	0.0	43.555	4.891	0.0	42.565	6.278
33	10049	10050	NS	1	0.0	49.881	3.486	0.0	51.001	3.878	0.0	42.465	2.953	0.0	44.151	3.051	0.0	51.446	3.465	0.0	54.023	3.563	0.0	44.146	2.86	0.0	42.202	2.589
34	10049	10050	SN	1	0.0	52.378	3.805	0.0	52.439	5.268	0.0	43.164	4.835	0.0	40.683	7.105	0.0	51.884	3.775	0.0	50.482	4.77	0.0	41.885	4.792	0.0	42.565	6.286
35	10049	10050	NS	1	0.0	52.876	0.83	0.0	44.62	0.994	0.0	36.699	0.749	0.0	39.736	0.959	0.0	53.057	0.832	0.0	44.027	0.942	0.0	35.188	0.7	0.0	40.183	0.819
36	10049	10050	SN	1	0.0	45.746	1.314	0.0	43.389	1.855	0.0	42.57	1.619	0.0	38.627	2.374	0.0	44.741	1.251	0.0	41.138	1.68	0.0	40.23	1.491	0.0	35.577	2.011
37	10050	10051	SN	1	0.0	46.865	7.692	0.0	49.869	9.929	0.0	44.506	6.374	0.0	43.528	8.405	0.0	48.009	7.767	0.0	48.644	9.886	0.0	43.934	6.515	0.0	42.72	8.353
38	10050	10051	SN	1	0.0	48.938	1.949	0.0	45.748	2.74	0.0	36.387	1.951	0.0	41.925	2.825	0.0	49.066	1.914	0.0	45.28	2.717	0.0	36.588	1.927	0.0	39.026	2.654
39	10050	10051	NS	1	0.0	42.558	1.141	0.0	48.681	1.371	0.0	45.924	1.071	0.0	50.777	1.274	0.0	44.414	1.173	0.0	49.289	1.227	0.0	45.388	1.018	0.0	48.066	1.072
40	10050	10051	NS	1	0.0	51.619	4.842	0.0	59.417	5.472	0.0	46.02	3.668	0.0	50.491	3.984	0.0	51.988	4.852	0.0	58.996	5.025	0.0	49.169	3.604	0.0	48.512	3.458
41	10060	10061	NS	1	0.0	53.333	7.516	0.0	50.89	8.354	0.0	51.286	5.015	0.0	49.965	6.33	0.0	53.612	7.516	0.0	51.622	7.735	0.0	50.765	4.781	0.0	50.596	5.419
42	10060	10061	SN	1	0.0	46.189	6.312	0.0	50.932	7.032	0.0	45.188	4.46	0.0	43.038	5.809	0.0	48.244	6.24	0.0	49.174	6.91	0.0	42.749	4.147	0.0	43.421	5.175
43	10060	10061	SN	1	0.0	46.763	6.261	0.0	52.508	7.021	0.0	50.301	4.502	0.0	41.319	5.795	0.0	48.328	6.22	0.0	51.918	6.899	0.0	51.941	4.246	0.0	41.712	5.182
44	10060	10061	SN	1	0.0	45.369	1.532	0.0	54.164	1.906	0.0	42.227	1.122	0.0	42.391	1.633	0.0	46.174	1.548	0.0	51.778	1.736	0.0	42.084	1.017	0.0	41.536	1.437
45	10060	10061	SN	1	0.0	47.196	1.559	0.0	54.164	1.917	0.0	39.424	1.146	0.0	42.465	1.652	0.0	48.001	1.57	0.0	51.778	1.761	0.0	42.084	1.035	0.0	43.291	1.432
46	10060	10061	NS	1	0.0	45.435	1.621	0.0	48.65	2.01	0.0	42.614	1.221	0.0	47.201	1.756	0.0	46.26	1.596	0.0	48.713	1.822	0.0	40.201	1.142	0.0	47.38	1.382
47	10061	10062	SN	1	0.0	45.567	1.24	0.0	51.787	1.481	0.0	40.262	1.348	0.0	41.913	1.665	0.0	46.574	1.236	0.0	50.048	1.361	0.0	39.783	1.297	0.0	38.191	1.536
48	10061	10062	SN	1	0.0	39.167	1.245	0.0	39.834	1.47	0.0	40.047	1.302	0.0	45.442	1.685	0.0	38.769	1.24	0.0	39.783	1.388	0.0	39.866	1.283	0.0	44.922	1.548
49	10061	10062	NS	1	0.0	50.213	0.615	0.0	45.213	0.827	0.0	38.557	0.589	0.0	37.25	0.901	0.0	49.383	0.613	0.0	43.836	0.729	0.0	39.096	0.534	0.0	37.919	0.759
50	10061	10062	SN	1	0.0	46.727	4.626	0.0	54.581	5.296	0.0	43.364	3.934	0.0	43.076	4.913	0.0	46.074	4.647	0.0	53.47	5.09	0.0	41.602	4.042	0.0	42.24	4.632
51	10061	10062	SN	1	0.0	46.727	4.566	0.0	54.581	5.242	0.0	43.364	3.939	0.0	43.076	4.877	0.0	46.074	4.586	0.0	53.47	5.038	0.0	41.602	4.046	0.0	42.24	4.585
52	10061	10062	NS	1	0.0	43.048	2.47	0.0	49.241	2.7	0.0	42.334	1.851	0.0	47.074	2.817	0.0	43.231	2.389	0.0	49.669	2.457	0.0	41.888	1.752	0.0	46.788	2.361
53	10061	10062	SN	1	0.0	42.292	4.627	0.0	50.191	5.293	0.0	42.018	3.989	0.0	42.852	4.891	0.0	42.005	4.688	0.0	48.788	4.997	0.0	40.524	4.06	0.0	40.832	4.699
54	10061	10062	SN	1	0.0	45.567	1.257	0.0	51.787	1.5	0.0	40.262	1.357	0.0	41.913	1.687	0.0	46.574	1.252	0.0	50.048	1.378	0.0	39.783	1.307	0.0	38.191	1.556
55	10062	10063	NS	1	0.0	52.75	2.391	0.0	49.682	2.812	0.0	46.919	2.377	0.0	51.06	2.952	0.0	54.747	2.37	0.0	51.143	2.446	0.0	49.177	2.257	0.0	52.109	2.425
56	10062	10063	SN	1	0.0	45.731	3.249	0.0	50.981	4.245	0.0	44.241	3.743	0.0	42.423	4.682	0.0	45.699	3.197	0.0	47.901	3.883	0.0	44.103	3.432	0.0	40.342	3.908
57	10062	10063	SN	1	0.0	38.386	0.944	0.0	48.153	1.154	0.0	39.442	1.221	0.0	38.97	1.611	0.0	38.275	0.909	0.0	47.728	1.019	0.0	37.881	1.113	0.0	35.657	1.322
58	10062	10063	SN	1	0.0	38.386	0.928	0.0	48.153	1.143	0.0	39.442	1.199	0.0	38.97	1.588	0.0	38.275	0.895	0.0	47.728	1.01	0.0	37.881	1.1	0.0	35.657	1.304
59	10062	10063	NS	1	0.0	42.642	0.638	0.0	44.673	0.817	0.0	38.762	0.673	0.0	49.554	1.014	0.0	42.036	0.616	0.0	45.327	0.696	0.0	38.819	0.65	0.0	49.961	0.832
60	10062	10063	SN	1	0.0	45.731	3.196	0.0	50.981	4.231	0.0	44.241	3.676	0.0	42.423	4.653	0.0	45.699	3.145	0.0	47.901	3.865	0.0	44.103	3.378	0.0	40.342	3.862
61	10063	10064	SN	1	0.0	44.741	4.974	0.0	50.488	6.58	0.0	41.271	4.893	0.0	44.841	6.335	0.0	45.33	4.903	0.0	48.569	6.488	0.0	39.427	4.865	0.0	48.786	6.214
62	10063	10064	SN	1	0.0	45.435	5.068	0.0	49.422	6.526	0.0	40.985	4.976	0.0	44.841	6.295	0.0	45.618	4.995	0.0	50.503	6.38	0.0	39.937	4.961	0.0	48.786	6.2
63	10063	10064	SN	1	0.0	45.53	1.402	0.0	49.996	2.068	0.0	37.343	1.504	0.0	40.357	2.135	0.0	45.684	1.43	0.0	48.655	2.0	0.0	36.784	1.469	0.0	42.613	1.869
64	10063	10064	NS	1	0.0	48.452	5.348	0.0	53.755	6.426	0.0	47.829	3.896	0.0	42.758	4.659	0.0	48.975	5.379	0.0	51.506	6.192	0.0	46.882	3.747	0.0	41.764	4.075
65	10063	10064	SN	1	0.0	47.569	1.403	0.0	42.366	2.092	0.0	37.343	1.485	0.0	40.357	2.157	0.0	46.208	1.428	0.0	40.029	2.02	0.0	40.149	1.476	0.0	42.613	1.896
66	10063	10064	NS	1	0.0	42.126	1.2	0.0	46.571	1.599	0.0	39.199	0.903	0.0	48.916	1.27	0.0	41.804	1.189	0.0	45.558	1.472	0.0	36.497	0.857	0.0	46.296	1.121
67	10064	10065	NS	1	0.0	46.011	1.161	0.0	45.887	1.423	0.0	42.32	0.903	0.0	43.383	1.277	0.0	46.213	1.202	0.0	44.908	1.462	0.0	42.447	0.913	0.0	43.43	1.167

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

■ Normal
■ Alarming
■ Deviations
■ High Errors

68	10064	10065	SN	1	0.0	48.454	4.75	0.0	45.799	5.895	0.0	41.314	4.136	0.0	44.017	6.209	0.0	48.424	4.624	0.0	47.247	5.4	0.0	38.298	4.129	0.0	42.62	5.455
69	10064	10065	SN	1	0.0	50.242	4.891	0.0	44.546	6.031	0.0	41.314	4.209	0.0	44.017	6.264	0.0	50.3	4.789	0.0	44.582	5.543	0.0	39.503	4.209	0.0	42.62	5.523
70	10064	10065	NS	1	0.0	49.236	4.548	0.0	51.591	5.107	0.0	43.735	3.767	0.0	45.703	4.148	0.0	49.697	4.65	0.0	52.71	4.914	0.0	43.396	3.696	0.0	46.629	3.927
71	10064	10065	SN	1	0.0	43.723	1.163	0.0	42.252	1.527	0.0	40.462	1.373	0.0	40.412	2.076	0.0	43.966	1.18	0.0	43.408	1.41	0.0	38.758	1.334	0.0	40.453	1.78
72	10064	10065	SN	1	0.0	43.723	1.17	0.0	41.664	1.557	0.0	42.895	1.359	0.0	38.486	2.053	0.0	43.966	1.188	0.0	41.155	1.442	0.0	41.189	1.314	0.0	38.646	1.803
73	10065	10066	SN	1	0.0	46.439	1.919	0.0	56.526	3.065	0.0	44.306	1.685	0.0	39.599	2.703	0.0	47.425	1.935	0.0	54.463	2.913	0.0	42.667	1.649	0.0	40.067	2.461
74	10065	10066	NS	1	0.0	52.822	4.457	0.0	49.682	5.096	0.0	42.43	4.604	0.0	45.111	5.784	0.0	54.853	4.508	0.0	48.768	4.772	0.0	40.549	4.462	0.0	42.243	4.902
75	10065	10066	SN	1	0.0	49.844	7.719	0.0	55.222	10.711	0.0	45.094	5.642	0.0	48.83	8.07	0.0	50.155	7.657	0.0	53.824	10.483	0.0	48.469	5.692	0.0	47.909	7.73
76	10065	10066	NS	1	0.0	49.11	1.276	0.0	44.438	1.602	0.0	42.949	1.375	0.0	41.808	1.577	0.0	50.585	1.278	0.0	45.587	1.471	0.0	44.042	1.267	0.0	40.966	1.336
77	10067	10068	SN	1	0.0	42.736	2.646	0.0	57.261	3.49	0.0	46.173	2.745	0.0	45.264	3.535	0.0	43.799	2.714	0.0	55.428	3.286	0.0	45.364	2.666	0.0	44.658	3.034
78	10067	10068	NS	1	0.0	43.483	1.506	0.0	48.248	2.107	0.0	43.731	1.553	0.0	43.177	2.132	0.0	44.319	1.547	0.0	47.784	2.06	0.0	42.644	1.558	0.0	40.215	2.07
79	10067	10068	SN	1	0.0	45.211	0.72	0.0	44.818	1.116	0.0	42.286	0.752	0.0	46.376	1.067	0.0	44.618	0.723	0.0	46.149	0.98	0.0	43.722	0.735	0.0	40.94	0.895
80	10067	10068	NS	1	0.0	51.879	5.207	0.0	49.601	6.669	0.0	45.848	5.044	0.0	39.623	6.236	0.0	52.087	5.227	0.0	50.36	6.435	0.0	45.472	5.001	0.0	38.716	6.435

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	10045	10046	SN	1	0.0	31.171	12.22	0.0	23.874	13.337	0.0	130.132	9.409	0.0	88.188	11.965	0.0	1.445	0.0	1.769	0.0	0.0	1.827	0.0	0.0	2.126	0.0	
2	10045	10046	SN	1	0.0	31.171	12.24	0.0	23.88	13.358	0.0	130.182	9.43	0.0	82.127	11.972	0.0	1.444	0.0	1.77	0.0	0.0	1.827	0.0	0.0	2.125	0.0	
3	10045	10046	SN	1	0.0	31.171	12.276	0.0	23.874	12.981	0.0	130.132	9.799	0.0	88.188	11.307	0.0	1.445	0.0	1.769	0.0	0.0	1.827	0.0	0.0	2.126	0.0	
4	10045	10046	SN	1	0.0	22.953	5.934	0.0	25.805	6.726	0.0	142.441	2.083	0.0	41.773	2.837	0.0	1.43	0.0	1.77	0.0	0.0	1.83	0.0	0.0	2.126	0.0	
5	10045	10046	SN	1	0.0	22.953	5.785	0.0	25.805	6.677	0.0	142.441	1.977	0.0	58.713	2.902	0.0	1.43	0.0	1.77	0.0	0.0	1.83	0.0	0.0	2.126	0.0	
6	10045	10046	SN	1	0.0	22.953	5.787	0.0	25.816	6.68	0.0	142.497	1.977	0.0	58.713	2.898	0.0	1.429	0.0	1.77	0.0	0.0	1.83	0.0	0.0	2.126	0.0	
7	10046	10047	SN	1	0.0	22.953	5.782	0.0	25.777	6.673	0.0	142.193	2.021	0.0	68.176	2.914	0.0	1.431	0.0	1.771	0.0	0.0	1.831	0.0	0.0	2.126	0.0	
8	10046	10047	SN	1	0.0	22.953	5.782	0.0	25.777	6.673	0.0	142.193	2.021	0.0	68.176	2.912	0.0	1.431	0.0	1.771	0.0	0.0	1.831	0.0	0.0	2.126	0.0	
9	10046	10047	SN	1	0.0	31.138	12.243	0.0	23.874	13.134	0.0	139.535	9.605	0.0	84.515	11.727	0.0	1.445	0.0	1.77	0.0	0.0	1.827	0.0	0.0	2.122	0.0	
10	10046	10047	SN	1	0.0	22.953	5.84	0.0	25.777	6.676	0.0	142.193	2.055	0.0	12.127	2.817	0.0	1.431	0.0	1.771	0.0	0.0	1.831	0.0	0.0	2.126	0.0	
11	10046	10047	SN	1	0.0	31.138	12.23	0.0	23.874	13.327	0.0	139.535	9.494	0.0	84.515	12.008	0.0	1.445	0.0	1.77	0.0	0.0	1.827	0.0	0.0	2.122	0.0	
12	10046	10047	NS	1	0.0	105.971	6.079	0.0	192.418	7.711	0.0	196.05	2.461	0.0	209.471	4.026	0.0	1.417	0.0	1.78	0.0	0.0	1.84	0.0	0.0	2.142	0.0	
13	10046	10047	SN	1	0.0	31.138	12.23	0.0	23.874	13.327	0.0	139.535	9.494	0.0	84.515	12.008	0.0	1.445	0.0	1.77	0.0	0.0	1.827	0.0	0.0	2.122	0.0	
14	10046	10047	NS	1	0.0	151.583	10.535	0.0	220.021	15.491	0.0	251.525	11.124	0.0	209.956	14.26	0.0	1.399	0.0	1.782	0.0	0.0	1.833	0.0	0.0	2.136	0.0	
15	10047	10048	NS	1	0.0	218.673	10.525	0.0	31.794	15.127	0.0	136.058	11.054	0.0	71.408	13.862	0.0	1.4	0.0	1.781	0.0	0.0	1.831	0.0	0.0	2.136	0.0	
16	10047	10048	NS	1	0.0	218.673	10.512	0.0	31.794	15.196	0.0	353.167	11.028	0.0	67.151	13.89	0.0	1.4	0.0	1.779	0.0	0.0	1.834	0.0	0.0	2.131	0.0	
17	10047	10048	SN	1	0.0	31.276	12.257	0.0	23.874	13.276	0.0	137.737	9.608	0.0	59.769	11.827	0.0	1.446	0.0	1.773	0.0	0.0	1.828	0.0	0.0	2.124	0.0	
18	10047	10048	SN	1	0.0	31.276	12.257	0.0	23.874	13.286	0.0	137.721	9.608	0.0	153.667	11.856	0.0	1.446	0.0	1.773	0.0	0.0	1.828	0.0	0.0	2.124	0.0	
19	10047	10048	SN	1	0.0	22.937	5.826	0.0	25.827	6.701	0.0	140.291	2.043	0.0	263.25	2.835	0.0	1.432	0.0	1.77	0.0	0.0	1.831	0.0	0.0	2.126	0.0	
20	10047	10048	SN	1	0.0	22.937	5.824	0.0	25.827	6.692	0.0	140.274	2.05	0.0	236.003	2.84	0.0	1.432	0.0	1.77	0.0	0.0	1.831	0.0	0.0	2.126	0.0	
21	10047	10048	SN	1	0.0	22.937	5.773	0.0	25.827	6.689	0.0	140.274	2.021	0.0	236.003	2.926	0.0	1.432	0.0	1.77	0.0	0.0	1.831	0.0	0.0	2.126	0.0	
22	10047	10048	NS	1	0.0	218.673	6.075	0.0	24.134	7.576	0.0	136.714	2.365	0.0	63.742	3.87	0.0	1.418	0.0	1.779	0.0	0.0	1.837	0.0	0.0	2.135	0.0	
23	10047	10048	NS	1	0.0	167.819	6.076	0.0	24.145	7.568	0.0	241.11	2.355	0.0	115.219	3.874	0.0	1.417	0.0	1.78	0.0	0.0	1.837	0.0	0.0	2.135	0.0	
24	10047	10048	SN	1	0.0	31.276	12.25	0.0	23.874	13.382	0.0	137.721	9.509	0.0	153.667	12.06	0.0	1.446	0.0	1.773	0.0	0.0	1.828	0.0	0.0	2.124	0.0	
25	10048	10049	SN	1	0.0	31.215	12.273	0.0	23.869	13.29	0.0	163.558	9.541	0.0	228.153	12.019	0.0	1.446	0.0	1.773	0.0	0.0	1.826	0.0	0.0	2.124	0.0	
26	10048	10049	SN	1	0.0	22.948	5.85	0.0	25.816	6.712	0.0	159.4	2.08	0.0	187.689	2.865	0.0	1.43	0.0	1.77	0.0	0.0	1.834	0.0	0.0	2.126	0.0	
27	10048	10049	NS	1	0.0	264.756	6.072	0.0	24.128	7.554	0.0	353.503	2.361	0.0	77.149	3.87	0.0	1.418	0.0	1.779	0.0	0.0	1.837	0.0	0.0	2.135	0.0	
28	10048	10049	SN	1	0.0	31.215	12.276	0.0	23.869	13.079	0.0	163.558	9.689	0.0	228.153	11.719	0.0	1.446	0.0	1.773	0.0	0.0	1.826	0.0	0.0	2.124	0.0	
29	10048	10049	NS	1	0.0	151.494	10.467	0.0	32.875	15.156	0.0	353.503	10.994	0.0	69.368	13.841	0.0	1.4	0.0	1.779	0.0	0.0	1.834	0.0	0.0	2.137	0.0	
30	10048	10049	SN	1	0.0	22.948	5.785	0.0	25.816	6.691	0.0	159.4	2.038	0.0	187.689	2.966	0.0	1.43	0.0	1.77	0.0	0.0	1.834	0.0	0.0	2.126	0.0	
31	10049	10050	SN	1	0.0	22.942	5.792	0.0	25.783	6.704	0.0	127.06	2.03	0.0	63.847	2.963	0.0	1.431	0.0	1.77	0.0	0.0	1.832	0.0	0.0	2.126	0.0	

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

32	10049	10050	SN	1	0.0	31.116	12.33	0.0	55.578	13.057	0.0	131.301	9.724	0.0	162.557	11.514	0.0	1.445	0.0	0.0	1.773	0.0	0.0	1.827	0.0	0.0	2.128	0.0
33	10049	10050	NS	1	0.0	59.377	10.457	0.0	32.853	15.136	0.0	216.582	11.016	0.0	77.414	13.848	0.0	1.4	0.0	0.0	1.779	0.0	0.0	1.834	0.0	0.0	2.137	0.0
34	10049	10050	SN	1	0.0	31.116	12.308	0.0	55.578	13.312	0.0	131.301	9.506	0.0	162.557	11.951	0.0	1.445	0.0	0.0	1.773	0.0	0.0	1.827	0.0	0.0	2.128	0.0
35	10049	10050	NS	1	0.0	218.689	6.066	0.0	24.139	7.558	0.0	323.513	2.359	0.0	127.887	3.882	0.0	1.418	0.0	0.0	1.78	0.0	0.0	1.838	0.0	0.0	2.136	0.0
36	10049	10050	SN	1	0.0	22.942	5.886	0.0	25.783	6.733	0.0	127.06	2.093	0.0	60.629	2.872	0.0	1.431	0.0	0.0	1.77	0.0	0.0	1.832	0.0	0.0	2.126	0.0
37	10050	10051	SN	1	0.0	31.215	12.286	0.0	23.88	12.98	0.0	119.036	9.862	0.0	196.789	11.482	0.0	1.446	0.0	0.0	1.773	0.0	0.0	1.83	0.0	0.0	2.128	0.0
38	10050	10051	SN	1	0.0	22.959	5.895	0.0	25.788	6.732	0.0	123.376	2.164	0.0	156.75	2.884	0.0	1.431	0.0	0.0	1.77	0.0	0.0	1.832	0.0	0.0	2.126	0.0
39	10050	10051	NS	1	0.0	254.636	6.075	0.0	24.134	7.604	0.0	332.761	2.437	0.0	86.381	3.869	0.0	1.419	0.0	0.0	1.78	0.0	0.0	1.836	0.0	0.0	2.136	0.0
40	10050	10051	NS	1	0.0	148.472	10.565	0.0	32.572	15.107	0.0	332.761	11.075	0.0	89.475	13.888	0.0	1.399	0.0	0.0	1.781	0.0	0.0	1.825	0.0	0.0	2.136	0.0
41	10060	10061	NS	1	0.0	22.358	10.656	0.0	32.88	15.247	0.0	138.948	11.222	0.0	71.309	14.096	0.0	1.4	0.0	0.0	1.785	0.0	0.0	1.836	0.0	0.0	2.139	0.0
42	10060	10061	SN	1	0.0	94.152	12.339	0.0	31.957	13.422	0.0	137.748	9.375	0.0	206.664	11.946	0.0	1.444	0.0	0.0	1.769	0.0	0.0	1.826	0.0	0.0	2.123	0.0
43	10060	10061	SN	1	0.0	94.152	12.339	0.0	31.957	13.422	0.0	137.748	9.375	0.0	206.664	11.946	0.0	1.444	0.0	0.0	1.769	0.0	0.0	1.826	0.0	0.0	2.123	0.0
44	10060	10061	SN	1	0.0	93.755	5.868	0.0	63.034	6.741	0.0	140.252	1.926	0.0	152.837	2.76	0.0	1.43	0.0	0.0	1.767	0.0	0.0	1.83	0.0	0.0	2.124	0.0
45	10060	10061	SN	1	0.0	93.755	5.868	0.0	63.034	6.741	0.0	140.252	1.926	0.0	152.837	2.76	0.0	1.43	0.0	0.0	1.767	0.0	0.0	1.83	0.0	0.0	2.124	0.0
46	10060	10061	NS	1	0.0	24.663	6.129	0.0	24.106	7.665	0.0	267.422	2.747	0.0	70.835	3.9	0.0	1.418	0.0	0.0	1.782	0.0	0.0	1.842	0.0	0.0	2.139	0.0
47	10061	10062	SN	1	0.0	22.948	5.744	0.0	267.133	6.726	0.0	132.525	1.872	0.0	62.524	2.743	0.0	1.429	0.0	0.0	1.768	0.0	0.0	1.829	0.0	0.0	2.123	0.0
48	10061	10062	SN	1	0.0	22.942	5.758	0.0	25.755	6.737	0.0	132.509	1.864	0.0	206.421	2.754	0.0	1.429	0.0	0.0	1.768	0.0	0.0	1.829	0.0	0.0	2.123	0.0
49	10061	10062	NS	1	0.0	58.021	6.114	0.0	24.095	7.644	0.0	196.91	2.714	0.0	61.873	3.916	0.0	1.419	0.0	0.0	1.782	0.0	0.0	1.841	0.0	0.0	2.139	0.0
50	10061	10062	SN	1	0.0	31.22	12.224	0.0	276.635	13.296	0.0	141.013	9.273	0.0	127.791	11.613	0.0	1.443	0.0	0.0	1.77	0.0	0.0	1.827	0.0	0.0	2.126	0.0
51	10061	10062	SN	1	0.0	31.22	12.216	0.0	276.635	13.364	0.0	141.013	9.187	0.0	127.791	11.779	0.0	1.443	0.0	0.0	1.77	0.0	0.0	1.827	0.0	0.0	2.126	0.0
52	10061	10062	NS	1	0.0	261.039	10.598	0.0	32.125	15.227	0.0	353.183	11.128	0.0	68.877	14.104	0.0	1.4	0.0	0.0	1.783	0.0	0.0	1.834	0.0	0.0	2.14	0.0
53	10061	10062	SN	1	0.0	31.226	12.196	0.0	23.891	13.364	0.0	140.985	9.194	0.0	73.281	11.822	0.0	1.444	0.0	0.0	1.77	0.0	0.0	1.827	0.0	0.0	2.126	0.0
54	10061	10062	SN	1	0.0	22.948	5.793	0.0	267.133	6.739	0.0	132.525	1.897	0.0	13.082	2.662	0.0	1.429	0.0	0.0	1.768	0.0	0.0	1.829	0.0	0.0	2.123	0.0
55	10062	10063	NS	1	0.0	122.667	10.606	0.0	32.136	15.247	0.0	353.443	11.064	0.0	77.64	14.061	0.0	1.4	0.0	0.0	1.782	0.0	0.0	1.835	0.0	0.0	2.132	0.0
56	10062	10063	SN	1	0.0	31.325	12.252	0.0	170.113	13.322	0.0	98.564	9.293	0.0	281.207	11.565	0.0	1.444	0.0	0.0	1.771	0.0	0.0	1.829	0.0	0.0	2.126	0.0
57	10062	10063	SN	1	0.0	22.948	5.765	0.0	236.023	6.757	0.0	136.866	1.902	0.0	242.001	2.683	0.0	1.43	0.0	0.0	1.768	0.0	0.0	1.83	0.0	0.0	2.122	0.0
58	10062	10063	SN	1	0.0	22.948	5.711	0.0	236.023	6.743	0.0	136.866	1.872	0.0	242.001	2.771	0.0	1.43	0.0	0.0	1.768	0.0	0.0	1.83	0.0	0.0	2.122	0.0
59	10062	10063	NS	1	0.0	217.048	6.128	0.0	24.101	7.646	0.0	353.443	2.696	0.0	69.671	3.904	0.0	1.422	0.0	0.0	1.782	0.0	0.0	1.839	0.0	0.0	2.138	0.0
60	10062	10063	SN	1	0.0	31.325	12.246	0.0	170.113	13.424	0.0	98.564	9.187	0.0	281.207	11.821	0.0	1.444	0.0	0.0	1.771	0.0	0.0	1.829	0.0	0.0	2.126	0.0
61	10063	10064	SN	1	0.0	31.198	12.192	0.0	23.885	13.414	0.0	97.18	9.211	0.0	56.54	11.872	0.0	1.445	0.0	0.0	1.771	0.0	0.0	1.827	0.0	0.0	2.126	0.0
62	10063	10064	SN	1	0.0	31.198	12.207	0.0	23.885	13.249	0.0	97.18	9.39	0.0	29.707	11.496	0.0	1.445	0.0	0.0	1.771	0.0	0.0	1.827	0.0	0.0	2.126	0.0
63	10063	10064	SN	1	0.0	22.948	5.811	0.0	135.595	6.779	0.0	105.215	1.913	0.0	214.343	2.671	0.0	1.43	0.0	0.0	1.768	0.0	0.0	1.831	0.0	0.0	2.124	0.0
64	10063	10064	NS	1	0.0	239.652	10.646	0.0	32.141	15.227	0.0	261.844	11.149	0.0	79.46	14.097	0.0	1.4	0.0	0.0	1.782	0.0	0.0	1.835	0.0	0.0	2.14	0.0
65	10063	10064	SN	1	0.0	22.948	5.732	0.0	135.595	6.754	0.0	105.215	1.865	0.0	214.343	2.775	0.0	1.43	0.0	0.0	1.768	0.0	0.0	1.831	0.0	0.0	2.124	0.0
66	10063	10064	NS	1	0.0	217.026	6.13	0.0	24.106	7.622	0.0	216.232	2.699	0.0	71.397	3.905	0.0	1.42	0.0	0.0	1.782	0.0	0.0	1.841	0.0	0.0	2.139	0.0
67	10064	10065	NS	1	0.0	24.658	6.166	0.0	24.101	7.646	0.0	330.489	2.685	0.0	77.243	3.901	0.0	1.42	0.0	0.0	1.782	0.0	0.0	1.842	0.0	0.0	2.139	0.0
68	10064	10065	SN	1	0.0	32.114	12.281	0.0	218.314	13.12	0.0	124.573	9.409	0.0	242.205	11.339	0.0	1.444	0.0	0.0	1.77	0.0	0.0	1.828	0.0	0.0	2.124	0.0

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

69	10064	10065	SN	1	0.0	32.114	12.258	0.0	218.314	13.436	0.0	124.573	9.15	0.0	242.205	11.859	0.0	1.444	0.0	0.0	1.77	0.0	0.0	1.828	0.0	0.0	2.124	0.0
70	10064	10065	NS	1	0.0	22.407	10.677	0.0	32.13	15.289	0.0	330.489	11.081	0.0	71.673	14.144	0.0	1.399	0.0	0.0	1.781	0.0	0.0	1.826	0.0	0.0	2.14	0.0
71	10064	10065	SN	1	0.0	22.948	5.862	0.0	225.506	6.789	0.0	117.458	1.935	0.0	233.729	2.649	0.0	1.43	0.0	0.0	1.767	0.0	0.0	1.831	0.0	0.0	2.124	0.0
72	10064	10065	SN	1	0.0	22.948	5.753	0.0	225.506	6.752	0.0	117.458	1.862	0.0	233.729	2.734	0.0	1.43	0.0	0.0	1.767	0.0	0.0	1.831	0.0	0.0	2.124	0.0
73	10065	10066	SN	1	0.0	22.953	5.815	0.0	25.766	6.762	0.0	116.813	1.891	0.0	11.99	2.616	0.0	1.429	0.0	0.0	1.768	0.0	0.0	1.83	0.0	0.0	2.124	0.0
74	10065	10066	NS	1	0.0	269.802	10.697	0.0	32.632	15.33	0.0	354.033	11.152	0.0	56.904	14.109	0.0	1.398	0.0	0.0	1.781	0.0	0.0	1.826	0.0	0.0	2.134	0.0
75	10065	10066	SN	1	0.0	32.059	12.219	0.0	23.891	13.334	0.0	119.758	9.294	0.0	17.345	11.688	0.0	1.444	0.0	0.0	1.771	0.0	0.0	1.828	0.0	0.0	2.124	0.0
76	10065	10066	NS	1	0.0	218.336	6.148	0.0	24.101	7.665	0.0	355.571	2.74	0.0	82.731	3.91	0.0	1.421	0.0	0.0	1.783	0.0	0.0	1.841	0.0	0.0	2.139	0.0
77	10067	10068	SN	1	0.0	31.711	12.282	0.0	23.891	13.075	0.0	141.609	9.982	0.0	31.653	10.961	0.0	1.444	0.0	0.0	1.767	0.0	0.0	1.826	0.0	0.0	2.121	0.0
78	10067	10068	NS	1	0.0	106.031	6.159	0.0	24.084	7.669	0.0	354.877	2.801	0.0	80.409	3.912	0.0	1.42	0.0	0.0	1.784	0.0	0.0	1.844	0.0	0.0	2.14	0.0
79	10067	10068	SN	1	0.0	22.948	6.052	0.0	94.624	6.788	0.0	132.989	2.034	0.0	222.677	2.609	0.0	1.429	0.0	0.0	1.766	0.0	0.0	1.829	0.0	0.0	2.122	0.0
80	10067	10068	NS	1	0.0	151.472	10.728	0.0	32.886	15.276	0.0	252.606	11.244	0.0	72.202	14.108	0.0	1.401	0.0	0.0	1.787	0.0	0.0	1.838	0.0	0.0	2.14	0.0

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