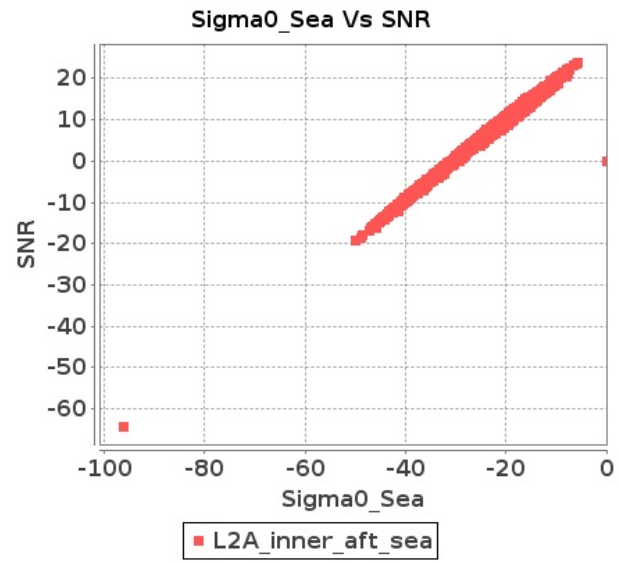


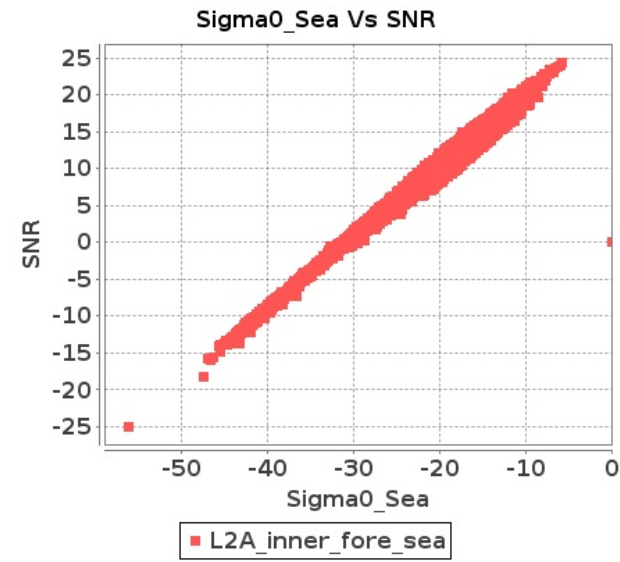
SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

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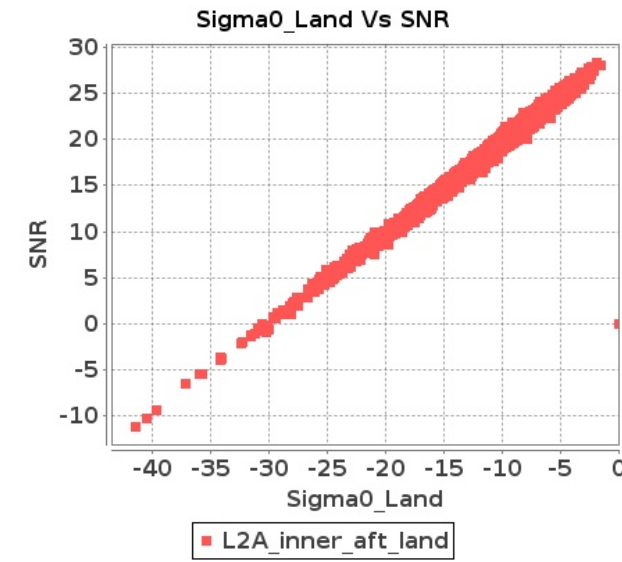
Inner Sea Aft Sigma0VsSNR



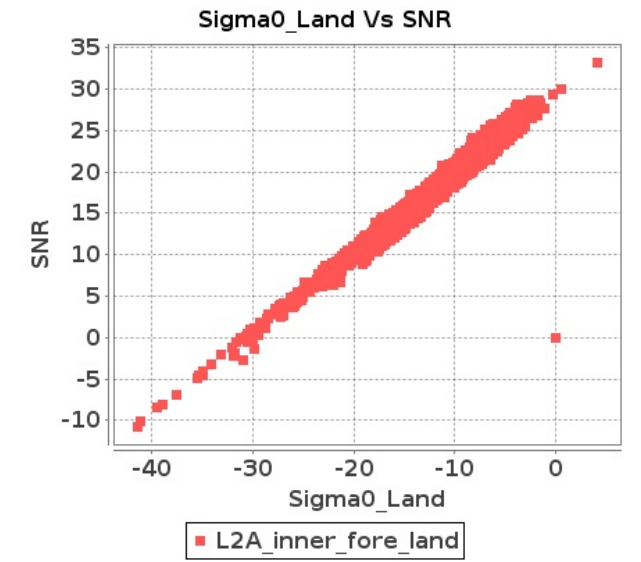
Inner Sea Fore Sigma0VsSNR



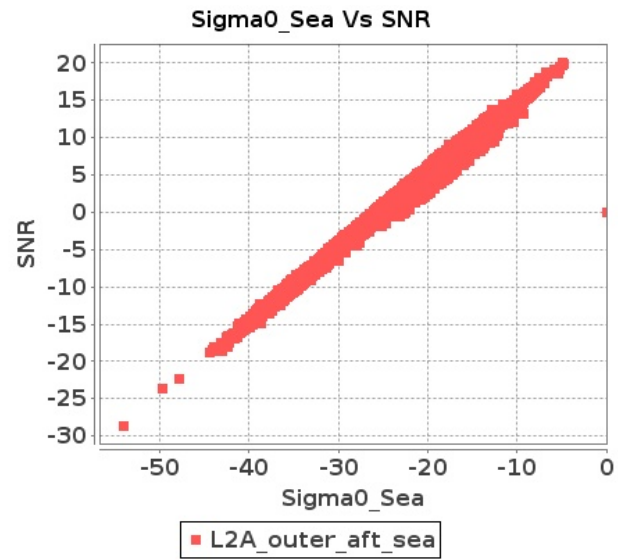
Inner Land Aft Sigma0VsSNR



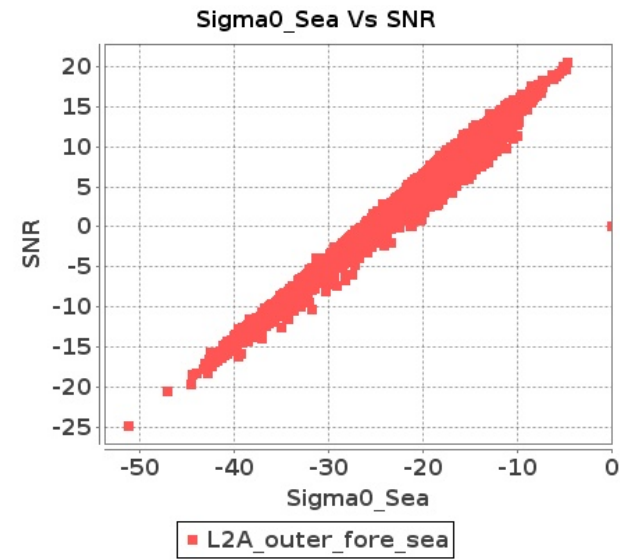
Inner Land Fore Sigma0VsSNR



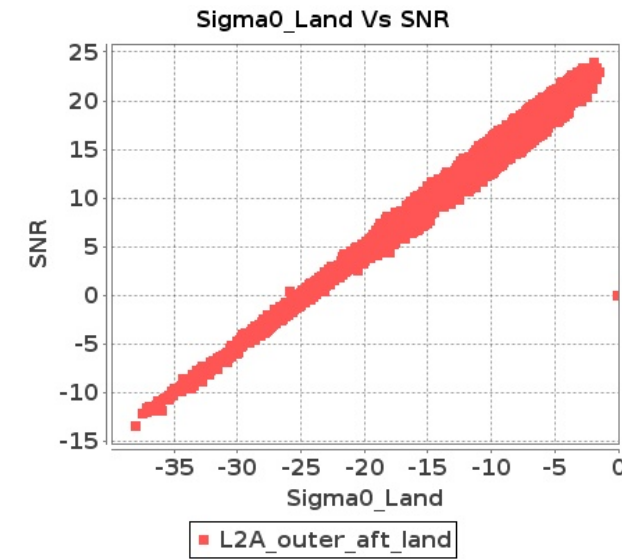
Outer Sea Aft Sigma0VsSNR



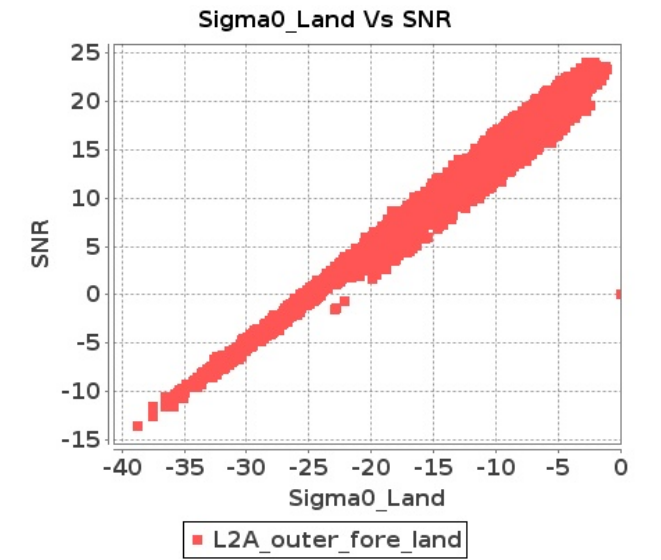
Outer Sea Fore Sigma0VsSNR



Outer Land Aft Sigma0VsSNR



Outer Land Fore Sigma0VsSNR



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

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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	9552	9553	SN	1	0.0	49.92	1.089	0.0	46.478	1.406	0.0	38.602	0.964	0.0	44.826	1.427	0.0	49.085	1.075	0.0	44.832	1.288	0.0	38.855	0.9	0.0	43.112	1.202
2	9552	9553	SN	1	0.0	52.988	3.467	0.0	47.344	4.073	0.0	44.501	3.633	0.0	45.519	4.38	0.0	51.781	3.467	0.0	48.014	3.698	0.0	45.257	3.406	0.0	42.57	3.833
3	9552	9553	SN	1	0.0	43.636	0.988	0.0	43.879	1.336	0.0	40.182	0.97	0.0	44.826	1.386	0.0	42.803	0.984	0.0	46.713	1.212	0.0	38.89	0.917	0.0	43.112	1.159
4	9552	9553	SN	1	0.0	53.033	3.598	0.0	47.343	4.29	0.0	44.501	3.553	0.0	45.584	4.611	0.0	51.826	3.566	0.0	48.014	3.896	0.0	45.257	3.293	0.0	43.508	4.021
5	9552	9553	SN	1	0.0	43.938	0.993	0.0	42.669	1.336	0.0	38.602	0.961	0.0	44.826	1.38	0.0	43.104	0.99	0.0	43.514	1.221	0.0	38.855	0.904	0.0	43.112	1.163
6	9552	9553	SN	1	0.0	52.052	3.467	0.0	47.344	4.083	0.0	40.989	3.597	0.0	45.519	4.387	0.0	50.844	3.467	0.0	48.014	3.709	0.0	42.76	3.364	0.0	48.864	3.833
7	9553	9554	NS	1	0.0	41.483	2.34	0.0	54.669	2.348	0.0	44.125	2.096	0.0	47.385	2.777	0.0	41.333	2.33	0.0	52.808	2.063	0.0	43.806	1.882	0.0	46.616	2.165
8	9553	9554	SN	1	0.0	47.717	3.825	0.0	49.357	4.879	0.0	53.324	3.693	0.0	47.96	5.239	0.0	48.347	3.846	0.0	51.648	4.509	0.0	54.407	3.585	0.0	45.783	4.715
9	9553	9554	SN	1	0.0	51.037	3.753	0.0	48.919	4.827	0.0	43.545	3.642	0.0	49.892	5.231	0.0	52.57	3.743	0.0	51.211	4.519	0.0	45.259	3.578	0.0	47.713	4.722
10	9553	9554	SN	1	0.0	46.252	1.118	0.0	43.186	1.567	0.0	41.928	1.085	0.0	38.723	1.593	0.0	45.566	1.104	0.0	43.684	1.377	0.0	42.796	1.029	0.0	36.806	1.345
11	9553	9554	NS	1	0.0	45.819	0.567	0.0	45.408	0.668	0.0	37.029	0.637	0.0	42.459	0.844	0.0	45.584	0.544	0.0	44.901	0.564	0.0	36.439	0.555	0.0	43.146	0.636
12	9553	9554	SN	1	0.0	43.328	1.136	0.0	43.268	1.539	0.0	48.416	1.103	0.0	40.459	1.564	0.0	43.416	1.12	0.0	43.767	1.372	0.0	46.042	1.033	0.0	37.133	1.318
13	9553	9554	SN	1	0.0	43.328	1.153	0.0	43.268	1.559	0.0	48.416	1.119	0.0	40.459	1.581	0.0	43.416	1.137	0.0	43.767	1.39	0.0	46.042	1.048	0.0	37.133	1.335
14	9553	9554	SN	1	0.0	47.717	3.881	0.0	49.357	4.955	0.0	53.324	3.747	0.0	47.96	5.307	0.0	48.347	3.902	0.0	51.648	4.58	0.0	54.407	3.638	0.0	45.783	4.782
15	9554	9555	NS	1	0.0	37.813	1.841	0.0	41.293	2.378	0.0	43.081	1.839	0.0	46.051	2.35	0.0	37.62	1.78	0.0	40.562	1.9	0.0	45.171	1.739	0.0	42.859	1.973
16	9554	9555	SN	1	0.0	47.802	2.763	0.0	48.952	3.222	0.0	39.086	3.3	0.0	46.968	4.395	0.0	48.016	2.702	0.0	50.668	2.986	0.0	39.076	3.199	0.0	45.2	3.92
17	9554	9555	SN	1	0.0	47.657	2.835	0.0	50.752	3.284	0.0	46.568	3.257	0.0	44.21	4.417	0.0	47.487	2.794	0.0	52.47	3.099	0.0	45.781	3.164	0.0	43.595	3.985
18	9554	9555	NS	1	0.0	42.696	0.451	0.0	41.184	0.552	0.0	36.537	0.434	0.0	46.862	0.691	0.0	42.856	0.449	0.0	38.605	0.489	0.0	37.754	0.397	0.0	43.772	0.563
19	9554	9555	NS	1	0.0	41.718	0.467	0.0	42.632	0.539	0.0	36.843	0.507	0.0	45.838	0.747	0.0	41.867	0.453	0.0	44.532	0.528	0.0	38.3	0.459	0.0	40.952	0.61
20	9554	9555	NS	1	0.0	42.119	1.81	0.0	43.961	2.176	0.0	39.025	1.717	0.0	39.479	2.18	0.0	42.725	1.871	0.0	44.238	1.83	0.0	39.474	1.653	0.0	38.099	1.888
21	9554	9555	SN	1	0.0	44.781	0.932	0.0	47.883	1.144	0.0	38.854	1.02	0.0	39.756	1.442	0.0	43.426	0.948	0.0	49.938	1.096	0.0	36.42	0.975	0.0	36.318	1.189
22	9554	9555	SN	1	0.0	38.004	0.909	0.0	44.422	1.133	0.0	41.458	1.023	0.0	39.082	1.431	0.0	38.745	0.943	0.0	46.477	1.082	0.0	40.751	0.973	0.0	35.452	1.173
23	9555	9556	SN	1	0.0	46.993	5.358	0.0	53.155	6.122	0.0	43.167	4.916	0.0	39.181	6.307	0.0	47.411	5.378	0.0	53.192	5.926	0.0	41.094	5.017	0.0	41.348	6.061
24	9555	9556	SN	1	0.0	44.317	1.381	0.0	38.776	1.763	0.0	43.729	1.574	0.0	35.609	2.046	0.0	45.419	1.377	0.0	36.022	1.682	0.0	43.665	1.536	0.0	35.729	1.925
25	9555	9556	SN	1	0.0	46.122	5.274	0.0	43.075	6.079	0.0	43.525	4.77	0.0	40.773	6.185	0.0	44.628	5.375	0.0	44.016	5.876	0.0	44.527	4.975	0.0	41.348	5.979
26	9555	9556	NS	1	0.0	49.173	0.267	0.0	35.558	0.349	0.0	35.253	0.308	0.0	47.095	0.416	0.0	48.71	0.245	0.0	36.966	0.283	0.0	34.766	0.274	0.0	42.932	0.274
27	9555	9556	SN	1	0.0	45.069	1.495	0.0	46.367	1.73	0.0	37.048	1.552	0.0	35.609	2.096	0.0	44.72	1.477	0.0	46.26	1.65	0.0	37.28	1.565	0.0	35.729	1.955
28	9556	9557	NS	1	0.0	45.828	0.773	0.0	51.071	0.863	0.0	42.688	0.609	0.0	44.82	0.925	0.0	45.849	0.782	0.0	48.712	0.84	0.0	43.715	0.584	0.0	41.704	0.829
29	9556	9557	SN	1	0.0	41.565	0.731	0.0	37.923	1.004	0.0	36.936	0.96	0.0	39.394	1.568	0.0	41.727	0.719	0.0	37.526	0.941	0.0	35.801	0.953	0.0	38.856	1.382
30	9556	9557	NS	1	0.0	45.612	3.082	0.0	52.7	3.406	0.0	45.683	2.794	0.0	47.071	3.206	0.0	45.924	2.96	0.0	52.663	3.183	0.0	42.772	2.616	0.0	44.55	2.643
31	9556	9557	SN	1	0.0	38.802	2.152	0.0	39.186	2.775	0.0	43.014	3.248	0.0	39.824	4.3	0.0	39.452	2.223	0.0	39.044	2.684	0.0	45.488	3.219	0.0	40.246	4.08

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

32	9557	9558	SN	1	0.0	41.328	1.87	0.0	46.837	2.802	0.0	44.404	1.945	0.0	40.85	2.908	0.0	39.929	1.924	0.0	46.475	2.706	0.0	41.685	1.953	0.0	38.112	2.709
33	9557	9558	SN	1	0.0	51.896	7.334	0.0	47.47	8.752	0.0	41.396	5.864	0.0	44.411	8.471	0.0	52.695	7.376	0.0	49.741	8.72	0.0	40.478	6.19	0.0	43.689	8.107
34	9567	9568	SN	1	0.0	48.458	4.641	0.0	53.252	5.952	0.0	43.421	3.795	0.0	46.792	5.304	0.0	49.666	4.651	0.0	53.957	5.516	0.0	42.657	3.554	0.0	43.285	4.459
35	9567	9568	SN	1	0.0	45.932	1.146	0.0	48.09	1.7	0.0	41.294	0.929	0.0	39.334	1.48	0.0	46.171	1.137	0.0	49.491	1.562	0.0	42.827	0.862	0.0	38.701	1.202
36	9567	9568	NS	1	0.0	57.426	7.589	0.0	53.74	8.264	0.0	46.877	5.533	0.0	52.091	6.666	0.0	56.994	7.65	0.0	56.088	7.867	0.0	47.077	5.519	0.0	47.223	5.868
37	9567	9568	SN	1	0.0	48.03	1.166	0.0	50.655	1.691	0.0	46.936	0.95	0.0	39.427	1.484	0.0	48.249	1.132	0.0	52.053	1.549	0.0	43.802	0.874	0.0	41.468	1.19
38	9567	9568	NS	1	0.0	54.753	1.829	0.0	50.245	2.131	0.0	40.572	1.487	0.0	40.287	1.879	0.0	54.457	1.804	0.0	46.5	1.956	0.0	41.149	1.399	0.0	42.362	1.616
39	9567	9568	SN	1	0.0	48.553	4.58	0.0	52.112	5.962	0.0	42.838	3.759	0.0	48.039	5.24	0.0	49.76	4.601	0.0	53.765	5.506	0.0	42.395	3.497	0.0	46.691	4.41
40	9568	9569	SN	1	0.0	50.858	3.051	0.0	44.882	3.749	0.0	47.166	2.662	0.0	45.664	3.124	0.0	51.698	3.102	0.0	43.82	3.891	0.0	47.577	2.704	0.0	43.188	2.997
41	9568	9569	NS	1	0.0	49.355	2.177	0.0	48.573	2.419	0.0	42.074	1.711	0.0	44.905	2.222	0.0	49.072	2.096	0.0	48.54	2.104	0.0	42.079	1.575	0.0	40.149	1.823
42	9568	9569	NS	1	0.0	49.547	2.187	0.0	48.573	2.409	0.0	42.074	1.682	0.0	44.905	2.229	0.0	49.263	2.116	0.0	48.54	2.104	0.0	42.079	1.561	0.0	40.149	1.823
43	9568	9569	SN	1	0.0	49.606	3.018	0.0	50.124	3.807	0.0	43.706	2.788	0.0	42.94	3.136	0.0	50.448	3.09	0.0	49.059	3.93	0.0	44.115	2.788	0.0	42.325	2.978
44	9568	9569	SN	1	0.0	50.858	3.09	0.0	44.882	3.797	0.0	47.166	2.695	0.0	45.664	3.158	0.0	51.698	3.141	0.0	43.82	3.94	0.0	47.577	2.738	0.0	43.188	3.035
45	9568	9569	NS	1	0.0	50.295	0.494	0.0	40.35	0.602	0.0	38.216	0.507	0.0	38.632	0.629	0.0	48.825	0.485	0.0	40.277	0.523	0.0	39.117	0.454	0.0	38.95	0.46
46	9568	9569	NS	1	0.0	50.103	0.489	0.0	40.35	0.602	0.0	38.229	0.513	0.0	38.632	0.629	0.0	48.634	0.483	0.0	40.277	0.523	0.0	39.133	0.454	0.0	38.95	0.46
47	9568	9569	SN	1	0.0	42.521	0.886	0.0	42.829	1.048	0.0	42.487	0.785	0.0	42.77	1.053	0.0	44.097	0.893	0.0	44.508	1.037	0.0	42.261	0.762	0.0	43.006	0.967
48	9568	9569	SN	1	0.0	42.595	0.915	0.0	44.111	1.049	0.0	45.975	0.772	0.0	42.775	1.021	0.0	43.154	0.922	0.0	42.523	1.008	0.0	48.148	0.749	0.0	43.011	0.919
49	9568	9569	SN	1	0.0	42.595	0.904	0.0	44.111	1.038	0.0	45.975	0.765	0.0	42.775	1.016	0.0	43.154	0.911	0.0	42.523	0.998	0.0	48.148	0.74	0.0	43.011	0.911
50	9569	9570	NS	1	0.0	40.668	0.31	0.0	42.428	0.414	0.0	38.409	0.443	0.0	36.789	0.599	0.0	38.887	0.306	0.0	42.406	0.369	0.0	37.911	0.42	0.0	36.083	0.508
51	9569	9570	SN	1	0.0	38.624	2.473	0.0	45.369	3.045	0.0	43.834	2.918	0.0	45.988	4.017	0.0	37.774	2.514	0.0	45.675	2.798	0.0	43.063	2.702	0.0	42.61	3.447
52	9569	9570	NS	1	0.0	41.744	1.556	0.0	38.35	2.002	0.0	42.355	1.426	0.0	41.798	1.966	0.0	41.995	1.526	0.0	39.332	1.748	0.0	42.307	1.262	0.0	39.995	1.752
53	9569	9570	SN	1	0.0	37.366	0.724	0.0	42.233	0.959	0.0	41.681	0.909	0.0	46.368	1.419	0.0	38.66	0.742	0.0	44.977	0.9	0.0	38.023	0.866	0.0	41.277	1.138
54	9570	9571	SN	1	0.0	36.856	0.697	0.0	50.053	1.186	0.0	35.68	1.005	0.0	38.522	1.43	0.0	37.384	0.699	0.0	47.862	1.06	0.0	35.536	0.966	0.0	38.423	1.162
55	9570	9571	SN	1	0.0	49.068	2.475	0.0	48.324	3.97	0.0	41.421	2.852	0.0	40.069	3.846	0.0	49.124	2.425	0.0	48.642	3.646	0.0	40.547	2.809	0.0	39.513	3.328
56	9571	9572	SN	1	0.0	48.461	1.354	0.0	42.968	1.874	0.0	40.18	1.481	0.0	39.402	2.207	0.0	48.69	1.333	0.0	44.459	1.748	0.0	43.036	1.397	0.0	37.405	1.832
57	9571	9572	NS	1	0.0	47.85	4.638	0.0	53.964	5.796	0.0	44.202	4.847	0.0	43.373	5.992	0.0	49.81	4.719	0.0	52.655	5.775	0.0	43.707	4.996	0.0	44.529	6.028
58	9571	9572	SN	1	0.0	45.166	5.197	0.0	49.851	6.646	0.0	43.93	4.891	0.0	41.221	5.983	0.0	46.283	5.302	0.0	49.889	6.069	0.0	43.361	4.729	0.0	41.128	5.527
59	9571	9572	NS	1	0.0	43.755	1.28	0.0	41.113	1.755	0.0	41.127	1.372	0.0	42.154	1.874	0.0	43.625	1.353	0.0	40.196	1.796	0.0	41.495	1.407	0.0	42.021	1.835
60	9571	9572	SN	1	0.0	42.122	1.395	0.0	42.968	1.929	0.0	40.18	1.519	0.0	39.402	2.28	0.0	42.117	1.372	0.0	44.459	1.791	0.0	43.036	1.42	0.0	37.405	1.876
61	9571	9572	SN	1	0.0	45.265	5.142	0.0	49.851	6.512	0.0	44.125	4.798	0.0	41.03	5.84	0.0	46.383	5.213	0.0	49.889	5.955	0.0	43.555	4.642	0.0	40.086	5.4
62	9572	9573	SN	1	0.0	50.001	8.3	0.0	51.698	10.129	0.0	44.045	7.701	0.0	48.888	9.319	0.0	50.008	8.29	0.0	48.545	9.905	0.0	43.351	7.798	0.0	51.163	9.177
63	9572	9573	SN	1	0.0	50.875	7.876	0.0	49.004	9.753	0.0	46.625	7.267	0.0	49.362	8.798	0.0	53.745	7.846	0.0	50.44	9.51	0.0	44.442	7.253	0.0	49.334	8.621
64	9572	9573	SN	1	0.0	43.927	2.451	0.0	49.315	3.078	0.0	44.295	2.33	0.0	44.922	2.927	0.0	45.33	2.439	0.0	50.122	2.992	0.0	40.814	2.347	0.0	42.458	2.795
65	9572	9573	NS	1	0.0	46.894	1.797	0.0	48.497	2.297	0.0	44.396	1.822	0.0	40.715	2.323	0.0	45.487	1.842	0.0	49.449	2.313	0.0	42.731	1.79	0.0	39.486	2.198
66	9572	9573	NS	1	0.0	51.555	6.703	0.0	54.649	8.033	0.0	45.79	5.951	0.0	47.046	7.688	0.0	51.587	6.804	0.0	53.248	7.961	0.0	47.796	6.037	0.0	46.937	7.268
67	9572	9573	SN	1	0.0	46.444	2.35	0.0	49.315	2.962	0.0	44.295	2.209	0.0	43.045	2.815	0.0	46.529	2.334	0.0	50.122	2.849	0.0	42.94	2.198	0.0	43.697	2.677

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

68	9573	9574	NS	1	0.0	49.53	6.717	0.0	55.861	8.199	0.0	44.137	6.148	0.0	47.542	6.99	0.0	51.959	6.839	0.0	54.663	8.371	0.0	44.076	6.305	0.0	46.843	7.146
69	9573	9574	SN	1	0.0	53.156	4.881	0.0	55.38	6.209	0.0	52.539	4.574	0.0	49.685	6.133	0.0	53.145	4.79	0.0	57.306	5.916	0.0	50.527	4.546	0.0	47.869	5.778
70	9573	9574	NS	1	0.0	43.731	1.655	0.0	52.864	2.437	0.0	40.143	1.773	0.0	41.52	2.431	0.0	45.885	1.689	0.0	53.082	2.333	0.0	41.262	1.85	0.0	43.058	2.373
71	9573	9574	SN	1	0.0	46.662	1.451	0.0	53.101	1.977	0.0	40.525	1.32	0.0	45.452	1.91	0.0	46.673	1.467	0.0	50.771	1.877	0.0	39.295	1.283	0.0	44.961	1.749
72	9573	9574	SN	1	0.0	53.156	4.984	0.0	55.38	6.275	0.0	52.539	4.809	0.0	49.685	6.34	0.0	53.145	4.886	0.0	57.306	5.958	0.0	50.527	4.825	0.0	47.869	5.987
73	9573	9574	SN	1	0.0	46.662	1.503	0.0	53.101	2.057	0.0	40.525	1.389	0.0	45.452	1.988	0.0	46.673	1.522	0.0	50.771	1.938	0.0	39.295	1.358	0.0	44.961	1.826
74	9574	9575	NS	1	0.0	51.252	1.273	0.0	48.189	1.642	0.0	40.856	1.234	0.0	46.5	1.956	0.0	52.045	1.286	0.0	46.06	1.57	0.0	43.162	1.249	0.0	47.089	1.814
75	9574	9575	NS	1	0.0	53.15	5.0	0.0	52.725	5.981	0.0	44.547	4.154	0.0	46.5	5.814	0.0	52.593	5.01	0.0	54.619	5.89	0.0	43.529	4.032	0.0	47.089	5.686
76	9574	9575	SN	1	0.0	41.998	0.5	0.0	45.717	0.943	0.0	42.372	0.638	0.0	49.376	0.967	0.0	43.73	0.486	0.0	46.016	0.85	0.0	41.544	0.576	0.0	47.168	0.77
77	9574	9575	SN	1	0.0	46.571	1.813	0.0	48.124	3.223	0.0	45.844	2.17	0.0	50.632	3.081	0.0	46.932	1.838	0.0	46.713	2.856	0.0	43.456	2.002	0.0	50.982	2.479

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

■ Normal ■ Deviations
■ Alarming ■ High Errors

Sr No	Start Orbit	End Orbit	Dir.	Ver.	Azimuth Angle												Incidence Angle											
					Inner Aft			Inner Fore			Outer Aft			Outer Fore			Inner Aft			Inner Fore			Outer Aft			Outer Fore		
					Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)
1	9552	9553	SN	1	0.0	24.233	7.354	0.0	24.128	8.473	0.0	163.068	4.201	0.0	16.777	5.386	0.0	1.425	0.0	1.815	0.0	0.0	1.88	0.0	0.0	2.172	0.0	
2	9552	9553	SN	1	0.0	29.125	12.798	0.0	270.726	12.98	0.0	146.842	12.662	0.0	264.69	14.573	0.0	1.443	0.0	1.817	0.0	0.0	1.876	0.0	0.0	2.176	0.0	
3	9552	9553	SN	1	0.0	24.233	7.234	0.0	24.128	8.499	0.0	163.068	4.058	0.0	65.728	5.497	0.0	1.425	0.0	1.815	0.0	0.0	1.88	0.0	0.0	2.172	0.0	
4	9552	9553	SN	1	0.0	29.125	12.842	0.0	270.726	12.529	0.0	146.842	13.024	0.0	264.69	13.921	0.0	1.443	0.0	1.817	0.0	0.0	1.876	0.0	0.0	2.176	0.0	
5	9552	9553	SN	1	0.0	24.233	7.234	0.0	24.128	8.501	0.0	163.068	4.058	0.0	65.728	5.497	0.0	1.425	0.0	1.815	0.0	0.0	1.88	0.0	0.0	2.172	0.0	
6	9552	9553	SN	1	0.0	29.125	12.798	0.0	270.726	12.98	0.0	146.842	12.662	0.0	264.69	14.573	0.0	1.443	0.0	1.817	0.0	0.0	1.876	0.0	0.0	2.176	0.0	
7	9553	9554	NS	1	0.0	81.658	11.465	0.0	29.748	13.486	0.0	143.018	7.835	0.0	40.651	9.749	0.0	1.406	0.0	1.756	0.0	0.0	1.813	0.0	0.0	2.112	0.0	
8	9553	9554	SN	1	0.0	29.185	12.614	0.0	27.299	12.705	0.0	157.53	12.244	0.0	189.846	14.151	0.0	1.431	0.0	1.816	0.0	0.0	1.872	0.0	0.0	2.175	0.0	
9	9553	9554	SN	1	0.0	29.185	12.614	0.0	27.299	12.705	0.0	157.53	12.244	0.0	189.846	14.151	0.0	1.431	0.0	1.816	0.0	0.0	1.872	0.0	0.0	2.175	0.0	
10	9553	9554	SN	1	0.0	24.382	7.086	0.0	24.112	8.348	0.0	158.556	3.897	0.0	156.072	5.196	0.0	1.429	0.0	1.815	0.0	0.0	1.882	0.0	0.0	2.174	0.0	
11	9553	9554	NS	1	0.0	191.34	4.684	0.0	25.551	5.921	0.0	124.967	1.26	0.0	21.431	1.422	0.0	1.391	0.0	1.754	0.0	0.0	1.814	0.0	0.0	2.106	0.0	
12	9553	9554	SN	1	0.0	24.382	7.086	0.0	24.112	8.348	0.0	158.556	3.897	0.0	156.072	5.196	0.0	1.429	0.0	1.815	0.0	0.0	1.882	0.0	0.0	2.174	0.0	
13	9553	9554	SN	1	0.0	24.382	7.123	0.0	24.112	8.338	0.0	158.556	3.933	0.0	156.072	5.1	0.0	1.429	0.0	1.815	0.0	0.0	1.882	0.0	0.0	2.174	0.0	
14	9553	9554	SN	1	0.0	29.185	12.612	0.0	27.299	12.529	0.0	157.53	12.346	0.0	189.846	13.871	0.0	1.431	0.0	1.816	0.0	0.0	1.872	0.0	0.0	2.175	0.0	
15	9554	9555	NS	1	0.0	204.102	11.465	0.0	29.836	13.486	0.0	155.997	7.763	0.0	41.335	9.742	0.0	1.403	0.0	1.755	0.0	0.0	1.81	0.0	0.0	2.107	0.0	
16	9554	9555	SN	1	0.0	98.002	12.865	0.0	27.299	12.837	0.0	151.293	12.884	0.0	29.753	14.322	0.0	1.43	0.0	1.817	0.0	0.0	1.872	0.0	0.0	2.175	0.0	
17	9554	9555	SN	1	0.0	98.002	12.865	0.0	27.299	12.837	0.0	151.287	12.905	0.0	29.753	14.329	0.0	1.429	0.0	1.817	0.0	0.0	1.872	0.0	0.0	2.174	0.0	
18	9554	9555	NS	1	0.0	55.484	4.648	0.0	24.249	5.912	0.0	155.992	1.234	0.0	21.641	1.408	0.0	1.39	0.0	1.751	0.0	0.0	1.813	0.0	0.0	2.106	0.0	
19	9554	9555	NS	1	0.0	70.242	4.642	0.0	24.266	5.889	0.0	154.784	1.253	0.0	20.411	1.399	0.0	1.391	0.0	1.751	0.0	0.0	1.814	0.0	0.0	2.106	0.0	
20	9554	9555	NS	1	0.0	26.825	11.533	0.0	29.792	13.452	0.0	156.008	7.688	0.0	35.671	9.689	0.0	1.404	0.0	1.753	0.0	0.0	1.811	0.0	0.0	2.107	0.0	
21	9554	9555	SN	1	0.0	44.572	7.464	0.0	24.112	8.609	0.0	156.88	4.301	0.0	274.347	5.556	0.0	1.423	0.0	1.816	0.0	0.0	1.881	0.0	0.0	2.175	0.0	
22	9554	9555	SN	1	0.0	44.572	7.464	0.0	24.112	8.609	0.0	156.863	4.303	0.0	274.335	5.56	0.0	1.423	0.0	1.816	0.0	0.0	1.881	0.0	0.0	2.175	0.0	
23	9555	9556	SN	1	0.0	29.108	12.776	0.0	126.236	12.709	0.0	157.668	12.827	0.0	223.096	14.303	0.0	1.43	0.0	1.818	0.0	0.0	1.872	0.0	0.0	2.175	0.0	
24	9555	9556	SN	1	0.0	24.382	7.429	0.0	270.737	8.621	0.0	176.122	4.258	0.0	221.684	5.817	0.0	1.424	0.0	1.816	0.0	0.0	1.882	0.0	0.0	2.175	0.0	
25	9555	9556	SN	1	0.0	29.108	12.772	0.0	126.236	12.928	0.0	157.668	12.682	0.0	223.096	14.678	0.0	1.43	0.0	1.818	0.0	0.0	1.872	0.0	0.0	2.175	0.0	
26	9555	9556	NS	1	0.0	21.895	4.607	0.0	21.746	5.892	0.0	249.27	1.25	0.0	21.784	1.422	0.0	1.39	0.0	1.751	0.0	0.0	1.813	0.0	0.0	2.106	0.0	
27	9555	9556	SN	1	0.0	24.382	7.483	0.0	270.737	8.615	0.0	176.122	4.328	0.0	221.684	5.712	0.0	1.424	0.0	1.816	0.0	0.0	1.882	0.0	0.0	2.175	0.0	
28	9556	9557	NS	1	0.0	218.554	4.634	0.0	21.768	5.895	0.0	219.133	1.237	0.0	20.996	1.408	0.0	1.391	0.0	1.75	0.0	0.0	1.815	0.0	0.0	2.105	0.0	
29	9556	9557	SN	1	0.0	24.398	7.444	0.0	46.456	8.614	0.0	173.16	4.179	0.0	59.363	5.641	0.0	1.423	0.0	1.816	0.0	0.0	1.88	0.0	0.0	2.174	0.0	
30	9556	9557	NS	1	0.0	91.111	11.534	0.0	29.809	13.462	0.0	136.196	7.726	0.0	37.259	9.66	0.0	1.404	0.0	1.753	0.0	0.0	1.809	0.0	0.0	2.104	0.0	
31	9556	9557	SN	1	0.0	29.174	12.71	0.0	27.387	13.005	0.0	172.184	12.828	0.0	86.037	14.547	0.0	1.434	0.0	1.817	0.0	0.0	1.876	0.0	0.0	2.177	0.0	

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

32	9557	9558	SN	1	0.0	24.393	7.555	0.0	24.101	8.584	0.0	180.484	4.345	0.0	213.411	5.478	0.0	1.429	0.0	0.0	1.816	0.0	0.0	1.879	0.0	0.0	2.174	0.0
33	9557	9558	SN	1	0.0	29.114	12.692	0.0	25.937	12.52	0.0	174.384	13.077	0.0	242.922	13.952	0.0	1.434	0.0	0.0	1.817	0.0	0.0	1.876	0.0	0.0	2.176	0.0
34	9567	9568	SN	1	0.0	28.325	12.74	0.0	27.283	12.908	0.0	155.308	12.75	0.0	84.261	14.656	0.0	1.428	0.0	0.0	1.816	0.0	0.0	1.874	0.0	0.0	2.174	0.0
35	9567	9568	SN	1	0.0	24.387	7.195	0.0	24.095	8.458	0.0	150.135	4.147	0.0	59.97	5.46	0.0	1.424	0.0	0.0	1.815	0.0	0.0	1.882	0.0	0.0	2.174	0.0
36	9567	9568	NS	1	0.0	92.732	11.44	0.0	29.627	13.326	0.0	278.378	7.798	0.0	40.309	9.643	0.0	1.403	0.0	0.0	1.754	0.0	0.0	1.81	0.0	0.0	2.106	0.0
37	9567	9568	SN	1	0.0	24.387	7.197	0.0	24.095	8.453	0.0	150.102	4.149	0.0	78.244	5.471	0.0	1.424	0.0	0.0	1.815	0.0	0.0	1.882	0.0	0.0	2.174	0.0
38	9567	9568	NS	1	0.0	121.769	4.684	0.0	21.773	5.974	0.0	190.565	1.204	0.0	21.194	1.404	0.0	1.39	0.0	0.0	1.75	0.0	0.0	1.813	0.0	0.0	2.104	0.0
39	9567	9568	SN	1	0.0	28.325	12.76	0.0	27.283	12.898	0.0	155.275	12.743	0.0	262.302	14.649	0.0	1.434	0.0	0.0	1.816	0.0	0.0	1.874	0.0	0.0	2.174	0.0
40	9568	9569	SN	1	0.0	28.149	12.822	0.0	27.283	12.928	0.0	148.877	12.715	0.0	89.081	14.628	0.0	1.427	0.0	0.0	1.817	0.0	0.0	1.876	0.0	0.0	2.175	0.0
41	9568	9569	NS	1	0.0	83.516	11.485	0.0	29.682	13.407	0.0	178.934	7.713	0.0	41.004	9.707	0.0	1.402	0.0	0.0	1.754	0.0	0.0	1.809	0.0	0.0	2.105	0.0
42	9568	9569	NS	1	0.0	204.51	11.465	0.0	29.676	13.417	0.0	178.929	7.72	0.0	41.004	9.699	0.0	1.402	0.0	0.0	1.754	0.0	0.0	1.81	0.0	0.0	2.105	0.0
43	9568	9569	SN	1	0.0	28.149	12.829	0.0	27.283	12.807	0.0	148.877	12.799	0.0	41.773	14.393	0.0	1.427	0.0	0.0	1.817	0.0	0.0	1.876	0.0	0.0	2.175	0.0
44	9568	9569	SN	1	0.0	28.149	12.829	0.0	27.283	12.807	0.0	148.877	12.799	0.0	41.773	14.393	0.0	1.427	0.0	0.0	1.817	0.0	0.0	1.876	0.0	0.0	2.175	0.0
45	9568	9569	NS	1	0.0	158.94	4.675	0.0	21.768	5.947	0.0	126.335	1.171	0.0	21.426	1.385	0.0	1.389	0.0	0.0	1.75	0.0	0.0	1.814	0.0	0.0	2.104	0.0
46	9568	9569	NS	1	0.0	158.94	4.675	0.0	21.768	5.947	0.0	126.307	1.171	0.0	21.426	1.383	0.0	1.389	0.0	0.0	1.75	0.0	0.0	1.813	0.0	0.0	2.104	0.0
47	9568	9569	SN	1	0.0	24.393	7.347	0.0	24.101	8.569	0.0	157.696	4.207	0.0	205.158	5.375	0.0	1.422	0.0	0.0	1.816	0.0	0.0	1.881	0.0	0.0	2.175	0.0
48	9568	9569	SN	1	0.0	24.393	7.347	0.0	24.101	8.567	0.0	157.696	4.204	0.0	205.158	5.381	0.0	1.422	0.0	0.0	1.816	0.0	0.0	1.881	0.0	0.0	2.175	0.0
49	9568	9569	SN	1	0.0	24.393	7.318	0.0	24.101	8.573	0.0	157.696	4.168	0.0	205.158	5.45	0.0	1.422	0.0	0.0	1.816	0.0	0.0	1.881	0.0	0.0	2.175	0.0
50	9569	9570	NS	1	0.0	219.599	4.654	0.0	108.712	5.933	0.0	211.721	1.193	0.0	135.796	1.444	0.0	1.39	0.0	0.0	1.749	0.0	0.0	1.812	0.0	0.0	2.103	0.0
51	9569	9570	SN	1	0.0	28.099	12.814	0.0	26.792	12.798	0.0	149.457	12.814	0.0	263.592	14.459	0.0	1.426	0.0	0.0	1.817	0.0	0.0	1.873	0.0	0.0	2.175	0.0
52	9569	9570	NS	1	0.0	220.812	11.526	0.0	108.745	13.547	0.0	254.763	7.721	0.0	139.75	9.756	0.0	1.403	0.0	0.0	1.754	0.0	0.0	1.81	0.0	0.0	2.102	0.0
53	9569	9570	SN	1	0.0	24.409	7.403	0.0	24.084	8.573	0.0	169.129	4.254	0.0	126.109	5.508	0.0	1.423	0.0	0.0	1.816	0.0	0.0	1.881	0.0	0.0	2.175	0.0
54	9570	9571	SN	1	0.0	24.393	7.388	0.0	139.838	8.605	0.0	177.065	4.204	0.0	92.401	5.563	0.0	1.423	0.0	0.0	1.816	0.0	0.0	1.882	0.0	0.0	2.176	0.0
55	9570	9571	SN	1	0.0	28.242	12.71	0.0	37.588	13.014	0.0	172.443	12.78	0.0	79.904	14.724	0.0	1.432	0.0	0.0	1.818	0.0	0.0	1.878	0.0	0.0	2.176	0.0
56	9571	9572	SN	1	0.0	24.398	7.375	0.0	231.655	8.594	0.0	180.76	4.214	0.0	61.608	5.487	0.0	1.429	0.0	0.0	1.815	0.0	0.0	1.879	0.0	0.0	2.175	0.0
57	9571	9572	NS	1	0.0	91.866	11.513	0.0	29.72	13.543	0.0	232.184	7.662	0.0	51.323	9.64	0.0	1.401	0.0	0.0	1.753	0.0	0.0	1.81	0.0	0.0	2.104	0.0
58	9571	9572	SN	1	0.0	28.292	12.772	0.0	32.343	12.558	0.0	172.355	12.998	0.0	16.837	14.085	0.0	1.431	0.0	0.0	1.817	0.0	0.0	1.873	0.0	0.0	2.174	0.0
59	9571	9572	NS	1	0.0	238.725	4.608	0.0	21.768	5.937	0.0	257.3	1.167	0.0	36.702	1.403	0.0	1.39	0.0	0.0	1.75	0.0	0.0	1.812	0.0	0.0	2.103	0.0
60	9571	9572	SN	1	0.0	24.398	7.467	0.0	231.655	8.57	0.0	180.76	4.32	0.0	16.771	5.359	0.0	1.429	0.0	0.0	1.815	0.0	0.0	1.879	0.0	0.0	2.175	0.0
61	9571	9572	SN	1	0.0	28.292	12.74	0.0	32.343	13.004	0.0	172.355	12.738	0.0	88.629	14.66	0.0	1.431	0.0	0.0	1.817	0.0	0.0	1.873	0.0	0.0	2.174	0.0
62	9572	9573	SN	1	0.0	28.193	12.76	0.0	156.701	12.483	0.0	141.101	13.234	0.0	242.161	14.118	0.0	1.442	0.0	0.0	1.818	0.0	0.0	1.882	0.0	0.0	2.176	0.0
63	9572	9573	SN	1	0.0	28.193	12.709	0.0	27.371	13.024	0.0	141.101	12.841	0.0	242.161	14.794	0.0	1.442	0.0	0.0	1.818	0.0	0.0	1.882	0.0	0.0	2.176	0.0
64	9572	9573	SN	1	0.0	24.398	7.499	0.0	238.924	8.578	0.0	159.439	4.542	0.0	242.161	5.556	0.0	1.427	0.0	0.0	1.815	0.0	0.0	1.882	0.0	0.0	2.175	0.0
65	9572	9573	NS	1	0.0	157.371	4.642	0.0	21.762	5.937	0.0	304.712	1.16	0.0	21.1	1.414	0.0	1.389	0.0	0.0	1.749	0.0	0.0	1.812	0.0	0.0	2.103	0.0
66	9572	9573	NS	1	0.0	158.049	11.503	0.0	29.72	13.421	0.0	354.546	7.662	0.0	37.717	9.676	0.0	1.401	0.0	0.0	1.753	0.0	0.0	1.806	0.0	0.0	2.104	0.0
67	9572	9573	SN	1	0.0	24.398	7.355	0.0	24.101	8.603	0.0	159.439	4.345	0.0	242.161	5.66	0.0	1.427	0.0	0.0	1.815	0.0	0.0	1.882	0.0	0.0	2.175	0.0
68	9573	9574	NS	1	0.0	212.474	11.524	0.0	29.742	13.274	0.0	355.522	7.68	0.0	39.068	9.669	0.0	1.4	0.0	0.0	1.751	0.0	0.0	1.812	0.0	0.0	2.102	0.0

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

69	9573	9574	SN	1	0.0	28.143	12.835	0.0	27.393	13.047	0.0	145.232	12.823	0.0	82.331	14.594	0.0	1.427	0.0	0.0	1.817	0.0	0.0	1.878	0.0	0.0	2.175	0.0
70	9573	9574	NS	1	0.0	105.521	4.685	0.0	21.751	5.987	0.0	132.837	1.185	0.0	40.486	1.419	0.0	1.389	0.0	0.0	1.749	0.0	0.0	1.813	0.0	0.0	2.103	0.0
71	9573	9574	SN	1	0.0	24.387	7.306	0.0	24.112	8.568	0.0	156.51	4.151	0.0	90.94	5.339	0.0	1.423	0.0	0.0	1.815	0.0	0.0	1.88	0.0	0.0	2.175	0.0
72	9573	9574	SN	1	0.0	28.143	12.902	0.0	25.672	12.398	0.0	145.232	13.365	0.0	16.804	13.746	0.0	1.427	0.0	0.0	1.817	0.0	0.0	1.878	0.0	0.0	2.175	0.0
73	9573	9574	SN	1	0.0	24.387	7.505	0.0	24.112	8.566	0.0	156.51	4.374	0.0	90.94	5.276	0.0	1.423	0.0	0.0	1.815	0.0	0.0	1.88	0.0	0.0	2.175	0.0
74	9574	9575	NS	1	0.0	20.803	4.672	0.0	21.74	5.982	0.0	183.837	1.183	0.0	23.356	1.416	0.0	1.389	0.0	0.0	1.749	0.0	0.0	1.813	0.0	0.0	2.104	0.0
75	9574	9575	NS	1	0.0	91.149	11.484	0.0	29.77	13.295	0.0	359.349	7.687	0.0	40.006	9.69	0.0	1.402	0.0	0.0	1.752	0.0	0.0	1.811	0.0	0.0	2.105	0.0
76	9574	9575	SN	1	0.0	24.382	7.194	0.0	24.095	8.159	0.0	158.523	4.096	0.0	16.777	5.053	0.0	1.438	0.0	0.0	1.814	0.0	0.0	1.879	0.0	0.0	2.173	0.0
77	9574	9575	SN	1	0.0	28.126	12.679	0.0	25.242	12.121	0.0	144.19	12.805	0.0	16.859	12.979	0.0	1.442	0.0	0.0	1.816	0.0	0.0	1.878	0.0	0.0	2.175	0.0

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