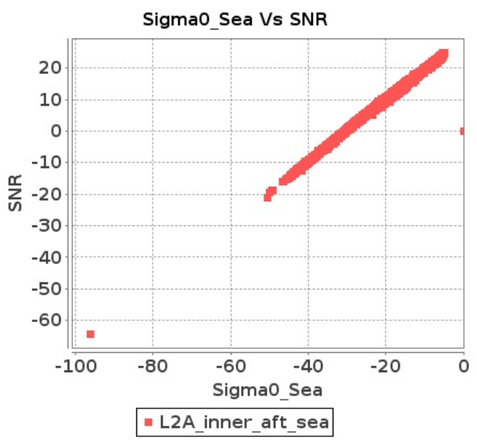
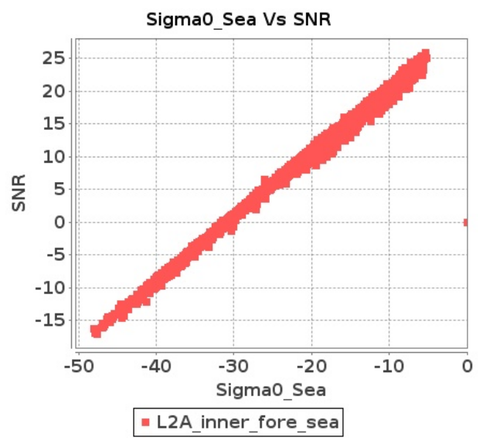
SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 16-AUG-2018 To 17-AUG-2018

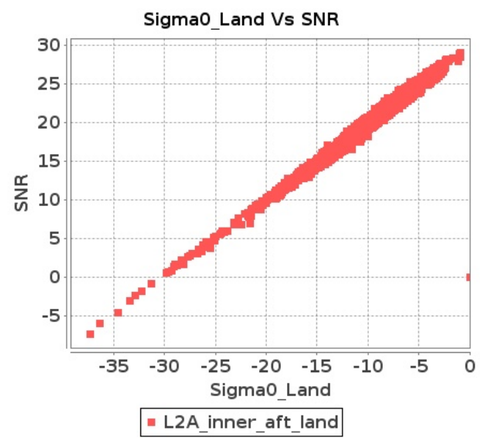
Inner Sea Aft Sigma0VsSNR



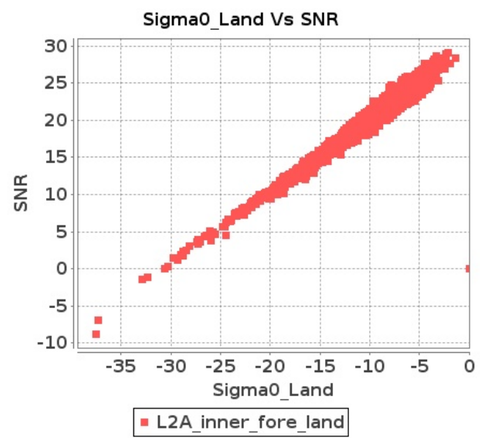
Inner Sea Fore Sigma0VsSNR



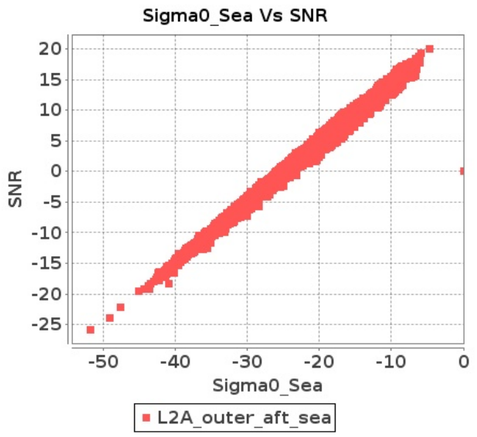
Inner Land Aft Sigma0VsSNR



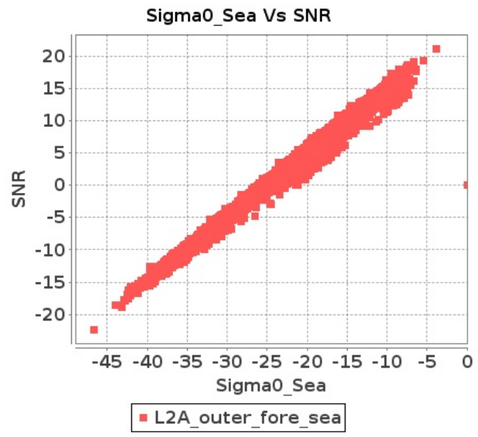
Inner Land Fore Sigma0VsSNR



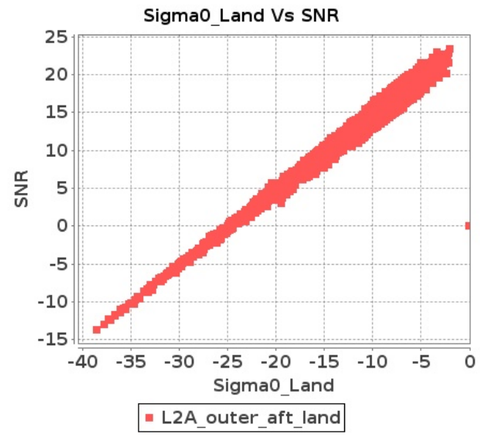
Outer Sea Aft Sigma0VsSNR



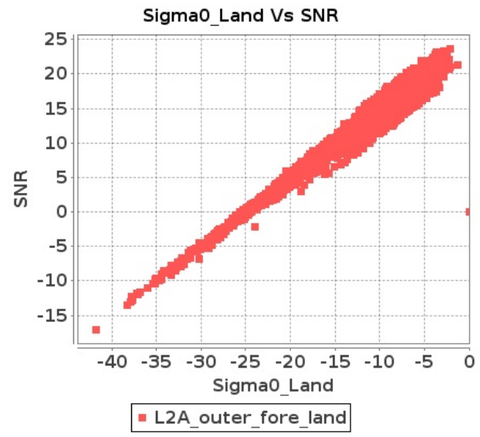
Outer Sea Fore Sigma0VsSNR



Outer Land Aft Sigma0VsSNR



Outer Land Fore Sigma0VsSNR



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

Report between 16-AUG-2018 To 17-AUG-2018

					SNR												Sigma0											
					Inner Aft			Inner Fore			Outer Aft			Outer Fore			Inner Aft			Inner Fore			Outer Aft			Outer Fore		
Sr No	Start Orbit	End Orbit	Dir.	Ver.	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	9987	9988	SN	1	0.0	44.923	4.22	0.0	47.73	5.225	0.0	42.445	3.88	0.0	45.138	4.749	0.0	45.733	4.145	0.0	48.739	4.734	0.0	41.087	3.67	0.0	44.667	4.105
2	9987	9988	SN	1	0.0	43.223	1.221	0.0	47.737	1.568	0.0	41.378	1.108	0.0	45.904	1.435	0.0	42.697	1.208	0.0	47.831	1.43	0.0	41.531	1.078	0.0	42.146	1.24
3	9987	9988	SN	1	0.0	47.57	4.156	0.0	47.73	5.072	0.0	42.445	3.992	0.0	45.138	4.584	0.0	47.856	4.075	0.0	48.739	4.595	0.0	41.087	3.801	0.0	44.667	3.937
4	9987	9988	SN	1	0.0	47.57	4.156	0.0	47.73	5.072	0.0	42.445	3.992	0.0	45.138	4.584	0.0	47.856	4.075	0.0	48.739	4.595	0.0	41.087	3.801	0.0	44.667	3.937
5	9987	9988	SN	1	0.0	43.223	1.221	0.0	47.737	1.568	0.0	41.378	1.108	0.0	45.904	1.435	0.0	42.697	1.208	0.0	47.831	1.43	0.0	41.531	1.078	0.0	42.146	1.24
6	9987	9988	SN	1	0.0	43.223	1.259	0.0	47.737	1.623	0.0	41.234	1.124	0.0	42.109	1.422	0.0	42.697	1.254	0.0	47.831	1.495	0.0	41.531	1.066	0.0	42.146	1.23
7	9988	9989	NS	1	0.0	48.098	0.794	0.0	48.975	0.839	0.0	42.515	0.773	0.0	46.888	1.103	0.0	47.051	0.797	0.0	48.495	0.749	0.0	43.636	0.688	0.0	47.118	0.936
8	9988	9989	SN	1	0.0	43.734	0.933	0.0	52.018	1.464	0.0	40.604	1.178	0.0	45.8	1.497	0.0	42.725	0.949	0.0	49.077	1.324	0.0	38.402	1.111	0.0	45.802	1.261
9	9988	9989	SN	1	0.0	43.734	0.946	0.0	52.018	1.484	0.0	40.604	1.182	0.0	45.8	1.526	0.0	42.725	0.949	0.0	49.077	1.344	0.0	38.402	1.115	0.0	45.802	1.282
10	9988	9989	SN	1	0.0	45.301	3.96	0.0	52.562	4.967	0.0	44.289	3.939	0.0	48.58	4.494	0.0	45.747	4.074	0.0	50.705	4.73	0.0	43.155	3.722	0.0	48.579	3.987
11	9988	9989	NS	1	0.0	47.159	3.416	0.0	51.843	3.351	0.0	45.047	2.84	0.0	45.79	3.436	0.0	46.87	3.396	0.0	50.939	2.965	0.0	44.367	2.655	0.0	46.472	2.739
12	9988	9989	SN	1	0.0	45.301	3.947	0.0	52.562	4.869	0.0	44.289	3.889	0.0	48.079	4.399	0.0	45.747	4.059	0.0	50.705	4.646	0.0	43.155	3.662	0.0	48.076	3.909
13	9988	9989	SN	1	0.0	43.734	0.933	0.0	52.018	1.464	0.0	40.604	1.18	0.0	45.8	1.497	0.0	42.725	0.949	0.0	49.077	1.324	0.0	38.402	1.111	0.0	45.802	1.261
14	9988	9989	NS	1	0.0	47.159	3.375	0.0	51.843	3.33	0.0	42.991	2.833	0.0	45.79	3.422	0.0	46.87	3.365	0.0	50.939	2.975	0.0	43.351	2.655	0.0	46.472	2.76
15	9988	9989	SN	1	0.0	45.301	3.947	0.0	52.562	4.869	0.0	44.289	3.889	0.0	48.079	4.399	0.0	45.747	4.059	0.0	50.705	4.646	0.0	43.155	3.662	0.0	48.076	3.909
16	9988	9989	NS	1	0.0	53.192	0.801	0.0	47.46	0.832	0.0	42.515	0.774	0.0	46.888	1.103	0.0	53.996	0.797	0.0	46.778	0.744	0.0	43.636	0.695	0.0	47.118	0.925
17	9989	9990	SN	1	0.0	49.815	4.043	0.0	50.288	4.986	0.0	43.926	3.807	0.0	43.505	5.392	0.0	50.294	4.053	0.0	49.506	4.481	0.0	44.66	3.8	0.0	45.265	4.656
18	9989	9990	SN	1	0.0	48.847	4.012	0.0	50.689	5.017	0.0	44.305	3.684	0.0	44.414	5.385	0.0	49.321	4.043	0.0	49.906	4.45	0.0	45.037	3.749	0.0	44.857	4.685
19	9989	9990	NS	1	0.0	45.909	2.138	0.0	49.786	2.468	0.0	41.568	2.044	0.0	45.295	3.066	0.0	45.529	2.107	0.0	52.766	2.386	0.0	42.866	2.015	0.0	42.714	2.703
20	9989	9990	NS	1	0.0	45.909	2.229	0.0	49.786	2.457	0.0	41.288	2.072	0.0	44.795	3.016	0.0	45.529	2.199	0.0	52.766	2.336	0.0	42.586	2.03	0.0	42.215	2.682
21	9989	9990	NS	1	0.0	38.401	0.526	0.0	42.734	0.735	0.0	38.014	0.662	0.0	38.692	0.934	0.0	38.981	0.526	0.0	45.077	0.663	0.0	37.274	0.609	0.0	41.01	0.799
22	9989	9990	SN	1	0.0	39.973	1.132	0.0	43.451	1.577	0.0	41.574	1.297	0.0	38.624	1.83	0.0	40.248	1.148	0.0	44.142	1.383	0.0	39.319	1.224	0.0	37.949	1.477
23	9989	9990	NS	1	0.0	38.401	0.53	0.0	42.734	0.737	0.0	38.233	0.664	0.0	38.675	0.927	0.0	38.981	0.53	0.0	45.077	0.667	0.0	37.492	0.609	0.0	40.987	0.792
24	9989	9990	SN	1	0.0	42.485	1.111	0.0	44.982	1.561	0.0	38.126	1.279	0.0	38.779	1.835	0.0	40.264	1.104	0.0	48.131	1.376	0.0	37.675	1.193	0.0	38.102	1.45
25	10002	10003	SN	1	0.0	49.481	4.99	0.0	50.743	5.854	0.0	46.724	3.433	0.0	46.86	4.528	0.0	50.975	4.93	0.0	52.284	5.6	0.0	46.513	3.085	0.0	46.535	3.682
26	10002	10003	SN	1	0.0	42.16	1.156	0.0	50.701	1.544	0.0	41.146	0.972	0.0	41.61	1.169	0.0	43.137	1.143	0.0	51.841	1.363	0.0	41.397	0.86	0.0	39.866	0.877
27	10002	10003	NS	1	0.0	52.945	7.668	0.0	60.075	8.613	0.0	44.933	5.464	0.0	44.775	6.824	0.0	53.24	7.749	0.0	57.408	8.227	0.0	44.853	5.28	0.0	43.045	5.87
28	10002	10003	NS	1	0.0	52.897	1.651	0.0	56.346	2.251	0.0	44.694	1.406	0.0	44.136	1.98	0.0	54.823	1.694	0.0	53.358	1.978	0.0	44.035	1.343	0.0	42.353	1.694
29	10003	10004	SN	1	0.0	44.323	1.204	0.0	41.03	1.698	0.0	40.233	1.183	0.0	43.547	1.823	0.0	45.73	1.222	0.0	40.499	1.586	0.0	39.779	1.185	0.0	40.57	1.681
30	10003	10004	SN	1	0.0	44.439	4.338	0.0	45.46	5.199	0.0	46.596	3.984	0.0	39.134	5.285	0.0	45.561	4.317	0.0	46.021	4.829	0.0	44.654	4.049	0.0	37.18	4.983
31	10003	10004	NS	1	0.0	45.748	2.988	0.0	47.454	3.808	0.0	39.237	2.399	0.0	45.612	3.215	0.0	46.778	2.948	0.0	45.285	3.717	0.0	39.452	2.299	0.0	45.658	2.76

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal Deviations

Alarming High Errors

32	10003	10004	NS	1	0.0	47.173	0.699	0.0	45.033	1.095	0.0	47.146	0.65	0.0	38.96	0.991	0.0	45.844	0.681	0.0	44.935	0.973	0.0	46.373	0.592	0.0	41.719	0.844
33	10010	10011	NS	1	0.0	48.174	5.754	0.0	53.101	6.468	0.0	44.264	4.79	0.0	47.827	6.032	0.0	48.498	5.866	0.0	50.579	6.072	0.0	44.992	4.542	0.0	50.132	5.456
34	10010	10011	NS	1	0.0	54.219	1.493	0.0	49.925	2.031	0.0	38.556	1.268	0.0	45.206	1.952	0.0	53.831	1.511	0.0	51.383	1.87	0.0	39.24	1.165	0.0	45.16	1.659

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Deviations
Alarming
High Errors

					Azimuth Angle												Incidence Angle											
					Inner Aft			Inner Fore			Outer Aft			Outer Fore			Inner Aft			Inner Fore			Outer Aft			Outer Fore		
Sr No	Start Orbit	End Orbit	Dir.	Ver.	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	9987	9988	SN	1	0.0	31.127	12.648	0.0	229.499	12.385	0.0	134.731	10.277	0.0	124.008	12.516	0.0	1.443	0.0	0.0	1.779	0.0	0.0	1.828	0.0	0.0	2.135	0.0
2	9987	9988	SN	1	0.0	22.882	6.143	0.0	24.597	7.108	0.0	135.244	2.633	0.0	134.731	3.178	0.0	1.431	0.0	0.0	1.78	0.0	0.0	1.839	0.0	0.0	2.136	0.0
3	9987	9988	SN	1	0.0	31.127	12.58	0.0	229.499	12.761	0.0	134.731	9.846	0.0	124.008	13.133	0.0	1.443	0.0	0.0	1.779	0.0	0.0	1.828	0.0	0.0	2.135	0.0
4	9987	9988	SN	1	0.0	31.127	12.58	0.0	229.499	12.761	0.0	134.731	9.846	0.0	124.008	13.133	0.0	1.443	0.0	0.0	1.779	0.0	0.0	1.828	0.0	0.0	2.135	0.0
5	9987	9988	SN	1	0.0	22.882	6.143	0.0	24.597	7.108	0.0	135.244	2.633	0.0	134.731	3.178	0.0	1.431	0.0	0.0	1.78	0.0	0.0	1.839	0.0	0.0	2.136	0.0
6	9987	9988	SN	1	0.0	22.882	6.304	0.0	24.597	7.175	0.0	135.244	2.776	0.0	134.731	3.127	0.0	1.431	0.0	0.0	1.78	0.0	0.0	1.839	0.0	0.0	2.136	0.0
7	9988	9989	NS	1	0.0	58.037	5.843	0.0	24.222	7.151	0.0	100.552	2.408	0.0	55.508	3.565	0.0	1.412	0.0	0.0	1.77	0.0	0.0	1.828	0.0	0.0	2.125	0.0
8	9988	9989	SN	1	0.0	56.198	6.155	0.0	24.608	7.131	0.0	128.141	2.642	0.0	220.793	3.2	0.0	1.432	0.0	0.0	1.78	0.0	0.0	1.839	0.0	0.0	2.137	0.0
9	9988	9989	SN	1	0.0	56.198	6.213	0.0	24.608	7.142	0.0	128.141	2.686	0.0	220.793	3.106	0.0	1.432	0.0	0.0	1.78	0.0	0.0	1.839	0.0	0.0	2.137	0.0
10	9988	9989	SN	1	0.0	31.088	12.634	0.0	23.814	12.599	0.0	132.189	10.002	0.0	227.315	12.895	0.0	1.441	0.0	0.0	1.78	0.0	0.0	1.823	0.0	0.0	2.136	0.0
11	9988	9989	NS	1	0.0	272.168	10.491	0.0	32.682	14.265	0.0	138.269	10.665	0.0	73.962	13.446	0.0	1.396	0.0	0.0	1.772	0.0	0.0	1.817	0.0	0.0	2.125	0.0
12	9988	9989	SN	1	0.0	31.088	12.623	0.0	23.814	12.761	0.0	132.189	9.869	0.0	227.315	13.176	0.0	1.441	0.0	0.0	1.78	0.0	0.0	1.823	0.0	0.0	2.136	0.0
13	9988	9989	SN	1	0.0	56.198	6.155	0.0	24.608	7.131	0.0	128.141	2.642	0.0	220.793	3.2	0.0	1.432	0.0	0.0	1.78	0.0	0.0	1.839	0.0	0.0	2.137	0.0
14	9988	9989	NS	1	0.0	272.168	10.491	0.0	32.682	14.265	0.0	138.269	10.665	0.0	73.962	13.446	0.0	1.396	0.0	0.0	1.772	0.0	0.0	1.817	0.0	0.0	2.125	0.0
15	9988	9989	SN	1	0.0	31.088	12.623	0.0	23.814	12.761	0.0	132.189	9.869	0.0	227.315	13.176	0.0	1.441	0.0	0.0	1.78	0.0	0.0	1.823	0.0	0.0	2.136	0.0
16	9988	9989	NS	1	0.0	58.037	5.843	0.0	24.222	7.151	0.0	100.552	2.408	0.0	55.508	3.567	0.0	1.412	0.0	0.0	1.77	0.0	0.0	1.828	0.0	0.0	2.125	0.0
17	9989	9990	SN	1	0.0	30.961	12.644	0.0	23.819	12.62	0.0	144.421	9.986	0.0	243.082	12.885	0.0	1.436	0.0	0.0	1.782	0.0	0.0	1.823	0.0	0.0	2.137	0.0
18	9989	9990	SN	1	0.0	30.961	12.644	0.0	23.819	12.62	0.0	144.421	9.986	0.0	243.082	12.885	0.0	1.436	0.0	0.0	1.782	0.0	0.0	1.823	0.0	0.0	2.137	0.0
19	9989	9990	NS	1	0.0	22.369	10.355	0.0	32.847	14.277	0.0	135.198	10.688	0.0	77.69	13.409	0.0	1.397	0.0	0.0	1.771	0.0	0.0	1.824	0.0	0.0	2.12	0.0
20	9989	9990	NS	1	0.0	22.38	10.356	0.0	32.842	14.277	0.0	141.871	10.666	0.0	77.668	13.423	0.0	1.397	0.0	0.0	1.77	0.0	0.0	1.824	0.0	0.0	2.126	0.0
21	9989	9990	NS	1	0.0	24.569	5.837	0.0	24.222	7.141	0.0	204.251	2.388	0.0	55.994	3.532	0.0	1.412	0.0	0.0	1.77	0.0	0.0	1.828	0.0	0.0	2.126	0.0
22	9989	9990	SN	1	0.0	22.865	6.204	0.0	24.597	7.213	0.0	140.638	2.663	0.0	256.263	3.111	0.0	1.432	0.0	0.0	1.78	0.0	0.0	1.838	0.0	0.0	2.136	0.0
23	9989	9990	NS	1	0.0	24.564	5.834	0.0	24.222	7.143	0.0	204.256	2.388	0.0	55.977	3.532	0.0	1.412	0.0	0.0	1.77	0.0	0.0	1.828	0.0	0.0	2.126	0.0
24	9989	9990	SN	1	0.0	22.865	6.197	0.0	24.597	7.208	0.0	140.638	2.661	0.0	256.263	3.109	0.0	1.432	0.0	0.0	1.78	0.0	0.0	1.838	0.0	0.0	2.136	0.0
25	10002	10003	SN	1	0.0	30.906	12.466	0.0	128.695	12.661	0.0	137.77	9.753	0.0	229.234	12.788	0.0	1.445	0.0	0.0	1.78	0.0	0.0	1.821	0.0	0.0	2.136	0.0
26	10002	10003	SN	1	0.0	22.898	6.105	0.0	95.765	6.846	0.0	134.527	2.377	0.0	241.907	3.1	0.0	1.431	0.0	0.0	1.777	0.0	0.0	1.838	0.0	0.0	2.133	0.0
27	10002	10003	NS	1	0.0	209.027	10.413	0.0	32.836	14.727	0.0	139.135	11.049	0.0	77.607	13.74	0.0	1.397	0.0	0.0	1.773	0.0	0.0	1.822	0.0	0.0	2.124	0.0
28	10002	10003	NS	1	0.0	158.766	5.896	0.0	24.205	7.347	0.0	128.205	2.324	0.0	51.874	3.631	0.0	1.414	0.0	0.0	1.773	0.0	0.0	1.833	0.0	0.0	2.129	0.0
29	10003	10004	SN	1	0.0	22.909	6.137	0.0	127.485	6.881	0.0	129.856	2.424	0.0	69.591	3.05	0.0	1.432	0.0	0.0	1.777	0.0	0.0	1.837	0.0	0.0	2.135	0.0
30	10003	10004	SN	1	0.0	31.022	12.479	0.0	45.987	12.526	0.0	137.169	9.855	0.0	152.44	12.702	0.0	1.448	0.0	0.0	1.781	0.0	0.0	1.817	0.0	0.0	2.136	0.0
31	10003	10004	NS	1	0.0	161.239	10.403	0.0	94.113	14.746	0.0	259.759	10.978	0.0	108.061	13.849	0.0	1.398	0.0	0.0	1.773	0.0	0.0	1.817	0.0	0.0	2.129	0.0

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

Normal
Alarming
Deviations
High Errors

32	10003	10004	NS	1	0.0	53.372	5.901	0.0	97.836	7.328	0.0	199.767	2.375	0.0	108.1	3.645	0.0	1.413	0.0	0.0	1.773	0.0	0.0	1.831	0.0	0.0	2.128	0.0
33	10010	10011	NS	1	0.0	91.282	10.374	0.0	32.803	14.734	0.0	205.516	11.099	0.0	72.688	13.749	0.0	1.397	0.0	0.0	1.775	0.0	0.0	1.819	0.0	0.0	2.129	0.0
34	10010	10011	NS	1	0.0	152.986	5.914	0.0	24.194	7.4	0.0	269.317	2.342	0.0	64.25	3.711	0.0	1.415	0.0	0.0	1.774	0.0	0.0	1.83	0.0	0.0	2.129	0.0

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

Normal
Alarming
Deviations
High Errors