

Annex D – Liquid and System Validation

Liquid Validation

; Name : DAK 3.5 Head 18 deg.C 2025-Jan-03 18:21:57						
; Date : 2025-Jan-03 18:21:57						
; Temperature(C) : 18						
; Probe : DAK 3.5						
; Network Analyzer : Keysight ENA						
MHz	RefIR	Refll	EpsR	EpsI	Sigma	TanD
800	0.7794	-0.3162	40.6234	19.0813	0.8492	0.4697
900	0.7598	-0.3482	40.3482	17.719	0.8867	0.4392
900	0.7597	-0.3483	40.348	17.7175	0.8867	0.4391
900	0.7597	-0.3483	40.3478	17.7158	0.8868	0.4391
900	0.7597	-0.3483	40.3475	17.7141	0.8868	0.439
900	0.7597	-0.3484	40.3472	17.7125	0.8868	0.439
900	0.7596	-0.3484	40.3469	17.7108	0.8869	0.439
900	0.7596	-0.3485	40.3466	17.7089	0.8869	0.4389
900	0.7596	-0.3485	40.3465	17.7072	0.8869	0.4389
900	0.7595	-0.3485	40.3463	17.7055	0.887	0.4388
941	0.7515	-0.3604	40.1734	17.2569	0.903	0.4296
941	0.7514	-0.3604	40.1728	17.2556	0.9031	0.4295
941	0.7514	-0.3605	40.1722	17.2542	0.9031	0.4295
941	0.7514	-0.3605	40.1717	17.2529	0.9032	0.4295
941	0.7514	-0.3605	40.1712	17.2515	0.9032	0.4294
941	0.7513	-0.3606	40.1708	17.2503	0.9033	0.4294
941	0.7513	-0.3606	40.1704	17.249	0.9033	0.4294
942	0.7513	-0.3606	40.17	17.2478	0.9034	0.4294
942	0.7513	-0.3607	40.1698	17.2467	0.9034	0.4293
942	0.7512	-0.3607	40.1693	17.2455	0.9035	0.4293
942	0.7512	-0.3608	40.1689	17.2443	0.9036	0.4293
942	0.7512	-0.3608	40.1686	17.243	0.9036	0.4293
942	0.7512	-0.3608	40.1681	17.2417	0.9037	0.4292
942	0.7511	-0.3609	40.1677	17.2403	0.9037	0.4292
942	0.7511	-0.3609	40.1673	17.239	0.9038	0.4292
942	0.7511	-0.3609	40.1668	17.2376	0.9038	0.4292
946	0.7504	-0.3619	40.1596	17.2071	0.9051	0.4285
946	0.7504	-0.3619	40.1593	17.206	0.9051	0.4284
946	0.7504	-0.3619	40.159	17.2049	0.9052	0.4284
946	0.7503	-0.362	40.1588	17.2038	0.9053	0.4284
946	0.7503	-0.362	40.1586	17.2026	0.9053	0.4284
946	0.7503	-0.3621	40.1583	17.2014	0.9054	0.4283

946	0.7502	-0.3621	40.158	17.2002	0.9054	0.4283
946	0.7502	-0.3621	40.1578	17.199	0.9055	0.4283
946	0.7502	-0.3622	40.1577	17.1979	0.9056	0.4283
947	0.7502	-0.3622	40.1575	17.1968	0.9056	0.4282
947	0.7502	-0.3622	40.1573	17.1955	0.9057	0.4282
947	0.7501	-0.3623	40.157	17.1942	0.9057	0.4282
947	0.7501	-0.3623	40.1567	17.193	0.9058	0.4281
947	0.7501	-0.3623	40.1564	17.1918	0.9058	0.4281
947	0.75	-0.3624	40.1561	17.1907	0.9059	0.4281
947	0.75	-0.3624	40.1558	17.1896	0.906	0.4281
951	0.7493	-0.3634	40.1473	17.1595	0.9075	0.4274
951	0.7493	-0.3634	40.1469	17.1583	0.9075	0.4274
951	0.7493	-0.3635	40.1465	17.1571	0.9076	0.4274
951	0.7492	-0.3635	40.146	17.1559	0.9076	0.4273
951	0.7492	-0.3636	40.1456	17.1547	0.9077	0.4273
951	0.7492	-0.3636	40.1453	17.1535	0.9078	0.4273
951	0.7491	-0.3636	40.145	17.1523	0.9078	0.4273
952	0.7491	-0.3637	40.1447	17.1511	0.9079	0.4272
952	0.7491	-0.3637	40.1444	17.1499	0.9079	0.4272
952	0.7491	-0.3637	40.1441	17.1487	0.908	0.4272
952	0.749	-0.3638	40.1439	17.1475	0.908	0.4272
952	0.749	-0.3638	40.1435	17.1465	0.9081	0.4271
952	0.749	-0.3638	40.1433	17.1454	0.9082	0.4271
952	0.749	-0.3639	40.143	17.1442	0.9082	0.4271
952	0.7489	-0.3639	40.1428	17.1431	0.9083	0.4271
952	0.7489	-0.364	40.1426	17.1419	0.9083	0.427
953	0.7489	-0.364	40.1423	17.1407	0.9084	0.427
953	0.7488	-0.364	40.142	17.1394	0.9084	0.427
953	0.7488	-0.3641	40.1417	17.1383	0.9085	0.4269
953	0.7488	-0.3641	40.1414	17.1373	0.9086	0.4269
953	0.7488	-0.3642	40.1409	17.1362	0.9086	0.4269
953	0.7487	-0.3642	40.1407	17.1349	0.9087	0.4269
953	0.7487	-0.3642	40.1406	17.1337	0.9087	0.4268
954	0.7487	-0.3643	40.1404	17.1324	0.9088	0.4268
954	0.7487	-0.3643	40.14	17.1312	0.9088	0.4268
954	0.7486	-0.3643	40.1396	17.1301	0.9089	0.4268
954	0.7486	-0.3644	40.1393	17.1288	0.9089	0.4267
954	0.7486	-0.3644	40.1389	17.1276	0.909	0.4267
954	0.7485	-0.3645	40.1385	17.1263	0.909	0.4267
954	0.7485	-0.3645	40.1382	17.125	0.9091	0.4267
954	0.7485	-0.3645	40.1379	17.1238	0.9092	0.4266

954	0.7485	-0.3646	40.1376	17.1225	0.9092	0.4266
955	0.7484	-0.3646	40.1373	17.1212	0.9093	0.4266
955	0.7484	-0.3646	40.1369	17.12	0.9093	0.4265
955	0.7484	-0.3647	40.1365	17.1188	0.9094	0.4265
955	0.7483	-0.3647	40.136	17.1176	0.9094	0.4265
955	0.7483	-0.3647	40.1355	17.1164	0.9095	0.4265
955	0.7483	-0.3648	40.1349	17.1151	0.9095	0.4264
955	0.7483	-0.3648	40.1344	17.1139	0.9096	0.4264
956	0.7482	-0.3649	40.134	17.1125	0.9096	0.4264
956	0.7482	-0.3649	40.1336	17.1114	0.9097	0.4264
956	0.7482	-0.3649	40.133	17.1102	0.9097	0.4263
956	0.7482	-0.365	40.1327	17.1089	0.9098	0.4263
956	0.7481	-0.365	40.1324	17.1077	0.9098	0.4263
956	0.7481	-0.365	40.132	17.1064	0.9099	0.4263
956	0.7481	-0.3651	40.1316	17.1051	0.9099	0.4262
956	0.7481	-0.3651	40.1311	17.1039	0.91	0.4262
956	0.748	-0.3652	40.1308	17.1028	0.9101	0.4262
958	0.7478	-0.3655	40.1281	17.0935	0.9105	0.426
958	0.7478	-0.3655	40.1277	17.0923	0.9106	0.4259
958	0.7478	-0.3655	40.1273	17.0911	0.9106	0.4259
958	0.7477	-0.3656	40.1269	17.0899	0.9107	0.4259
958	0.7477	-0.3656	40.1267	17.0887	0.9107	0.4259
958	0.7477	-0.3656	40.1264	17.0873	0.9108	0.4258
958	0.7477	-0.3657	40.1261	17.086	0.9108	0.4258
958	0.7476	-0.3657	40.1259	17.0846	0.9109	0.4258
958	0.7476	-0.3657	40.1254	17.0835	0.9109	0.4258
959	0.7476	-0.3658	40.125	17.0823	0.911	0.4257
959	0.7475	-0.3658	40.1246	17.0812	0.9111	0.4257
959	0.7475	-0.3659	40.124	17.0799	0.9111	0.4257
959	0.7475	-0.3659	40.1236	17.0788	0.9112	0.4257
959	0.7475	-0.3659	40.1232	17.0776	0.9112	0.4256
959	0.7474	-0.366	40.1228	17.0765	0.9113	0.4256
959	0.7474	-0.366	40.1224	17.0752	0.9113	0.4256
960	0.7474	-0.3661	40.1221	17.0738	0.9114	0.4255
960	0.7474	-0.3661	40.122	17.0725	0.9114	0.4255
960	0.7473	-0.3661	40.1218	17.0712	0.9115	0.4255
960	0.7473	-0.3662	40.1216	17.0697	0.9115	0.4254
960	0.7473	-0.3662	40.1214	17.0683	0.9115	0.4254
960	0.7473	-0.3662	40.1213	17.0668	0.9116	0.4254
960	0.7472	-0.3663	40.1212	17.0653	0.9116	0.4253
960	0.7472	-0.3663	40.1209	17.0638	0.9117	0.4253

960	0.7472	-0.3664	40.1207	17.0624	0.9117	0.4253
1000	0.7385	-0.3787	40.0869	16.678	0.9278	0.416

Measurement Report for (900.000MHz)

Exposure Conditions

Phantom Section, TSL	Frequency [MHz]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	900.000	8.93	0.887	40.3

Hardware Setup

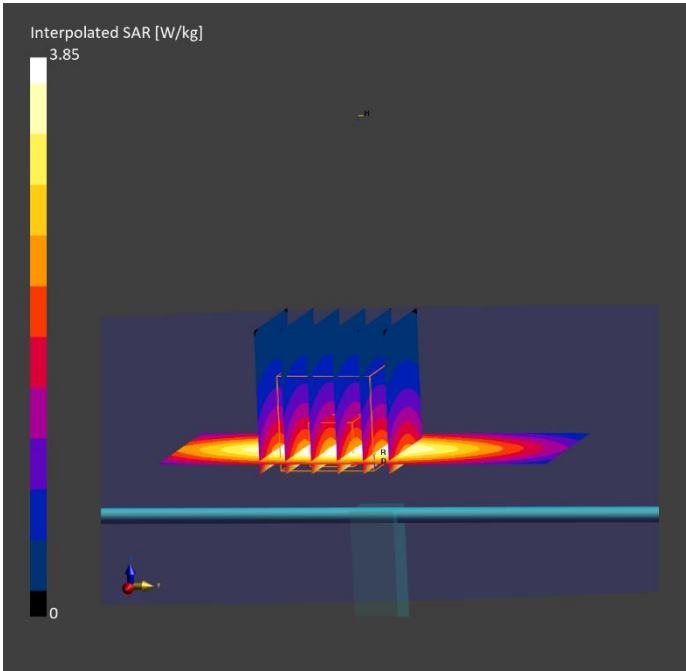
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2191	HBBL-600-10000 SLAAHU16BC221222-1, 2025-Jan-03	EX3DV4 - SN7783, 2024-04-12	DAE4 Sn1561, 2023-01-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-03, 18:39	2025-01-03, 18:46
psSAR1g [W/kg]	2.49	2.54
psSAR10g [W/kg]	1.63	1.68
Power Drift [dB]	-0.06	-0.08
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		83.8
Dist 3dB Peak [mm]		> 15.0



; Name : DAK 3.5 Head 20 deg.C 2025-Jan-06 16:11:17						
; Date : 2025-Jan-06 16:11:17						
; Temperature(C) : 20						
; Probe : DAK 3.5						
; Network Analyzer : Keysight ENA						
MHz	RefIR	RefII	EpsR	EpsI	Sigma	TanD
800	0.7781	-0.3117	40.1247	19.4441	0.8654	0.4846
900	0.7588	-0.3434	39.869	18.0378	0.9026	0.4524
900	0.7588	-0.3435	39.8684	18.036	0.9027	0.4524
900	0.7588	-0.3435	39.8679	18.0341	0.9027	0.4523
900	0.7588	-0.3435	39.8676	18.0323	0.9027	0.4523
900	0.7587	-0.3436	39.8674	18.0306	0.9028	0.4523
900	0.7587	-0.3436	39.8671	18.0291	0.9028	0.4522
900	0.7587	-0.3437	39.8669	18.0276	0.9029	0.4522
900	0.7587	-0.3437	39.8667	18.0258	0.9029	0.4522
900	0.7586	-0.3437	39.8665	18.0241	0.9029	0.4521
941	0.7511	-0.3561	39.7434	17.481	0.9148	0.4398
941	0.7511	-0.3562	39.7429	17.4796	0.9148	0.4398
941	0.7511	-0.3562	39.7425	17.4782	0.9148	0.4398
941	0.7511	-0.3562	39.7421	17.4767	0.9149	0.4398
941	0.751	-0.3563	39.7418	17.4753	0.9149	0.4397
941	0.751	-0.3563	39.7416	17.4738	0.915	0.4397
941	0.751	-0.3563	39.7413	17.4722	0.915	0.4396
942	0.751	-0.3564	39.741	17.4705	0.9151	0.4396
942	0.7509	-0.3564	39.7408	17.469	0.9151	0.4396
942	0.7509	-0.3565	39.7407	17.4675	0.9151	0.4395
942	0.7509	-0.3565	39.7406	17.466	0.9152	0.4395
942	0.7509	-0.3565	39.7406	17.4646	0.9152	0.4395
942	0.7508	-0.3566	39.7404	17.4632	0.9153	0.4394
942	0.7508	-0.3566	39.7402	17.4617	0.9153	0.4394
942	0.7508	-0.3567	39.7399	17.4603	0.9154	0.4394
942	0.7508	-0.3567	39.7397	17.4589	0.9154	0.4393
946	0.7501	-0.3576	39.7351	17.4254	0.9166	0.4385
946	0.7501	-0.3577	39.7349	17.4239	0.9166	0.4385
946	0.7501	-0.3577	39.7348	17.4226	0.9167	0.4385
946	0.7501	-0.3577	39.7347	17.4212	0.9167	0.4384
946	0.7501	-0.3578	39.7344	17.4199	0.9168	0.4384
946	0.75	-0.3578	39.734	17.4185	0.9168	0.4384
946	0.75	-0.3579	39.7337	17.4171	0.9169	0.4383
946	0.75	-0.3579	39.7335	17.4157	0.9169	0.4383

946	0.7499	-0.3579	39.7332	17.4143	0.917	0.4383
947	0.7499	-0.358	39.7331	17.413	0.917	0.4382
947	0.7499	-0.358	39.7331	17.4116	0.9171	0.4382
947	0.7499	-0.3581	39.7329	17.4102	0.9171	0.4382
947	0.7498	-0.3581	39.7329	17.4088	0.9171	0.4381
947	0.7498	-0.3581	39.7329	17.4075	0.9172	0.4381
947	0.7498	-0.3582	39.733	17.4062	0.9172	0.4381
947	0.7498	-0.3582	39.7329	17.4049	0.9173	0.438
951	0.7491	-0.3592	39.7285	17.3696	0.9186	0.4372
951	0.749	-0.3593	39.7285	17.3682	0.9186	0.4372
951	0.749	-0.3593	39.7284	17.3668	0.9187	0.4371
951	0.749	-0.3593	39.7283	17.3656	0.9187	0.4371
951	0.749	-0.3594	39.7282	17.3643	0.9188	0.4371
951	0.7489	-0.3594	39.7281	17.3631	0.9188	0.437
951	0.7489	-0.3595	39.7281	17.3617	0.9189	0.437
952	0.7489	-0.3595	39.728	17.3604	0.9189	0.437
952	0.7489	-0.3595	39.7281	17.3592	0.919	0.437
952	0.7488	-0.3596	39.7281	17.3579	0.9191	0.4369
952	0.7488	-0.3596	39.728	17.3567	0.9191	0.4369
952	0.7488	-0.3597	39.7278	17.3555	0.9192	0.4369
952	0.7487	-0.3597	39.7277	17.3543	0.9192	0.4368
952	0.7487	-0.3598	39.7276	17.3532	0.9193	0.4368
952	0.7487	-0.3598	39.7275	17.3519	0.9193	0.4368
952	0.7487	-0.3598	39.7273	17.3507	0.9194	0.4367
953	0.7486	-0.3599	39.7271	17.3494	0.9194	0.4367
953	0.7486	-0.3599	39.7268	17.3482	0.9195	0.4367
953	0.7486	-0.3599	39.7264	17.347	0.9196	0.4367
953	0.7486	-0.36	39.7261	17.3458	0.9196	0.4366
953	0.7485	-0.36	39.7261	17.3445	0.9197	0.4366
953	0.7485	-0.36	39.7259	17.3433	0.9197	0.4366
953	0.7485	-0.3601	39.7257	17.3421	0.9198	0.4365
954	0.7485	-0.3601	39.7255	17.3408	0.9198	0.4365
954	0.7484	-0.3602	39.7253	17.3395	0.9199	0.4365
954	0.7484	-0.3602	39.7253	17.3383	0.9199	0.4365
954	0.7484	-0.3602	39.7253	17.337	0.92	0.4364
954	0.7483	-0.3603	39.7254	17.3358	0.92	0.4364
954	0.7483	-0.3603	39.7255	17.3344	0.9201	0.4364
954	0.7483	-0.3604	39.7256	17.3331	0.9201	0.4363
954	0.7483	-0.3604	39.7259	17.3318	0.9202	0.4363
954	0.7482	-0.3605	39.7262	17.3304	0.9202	0.4362
955	0.7482	-0.3605	39.7264	17.329	0.9203	0.4362

955	0.7482	-0.3605	39.7265	17.3278	0.9203	0.4362
955	0.7481	-0.3606	39.7265	17.3266	0.9204	0.4361
955	0.7481	-0.3606	39.7265	17.3254	0.9205	0.4361
955	0.7481	-0.3607	39.7265	17.3241	0.9205	0.4361
955	0.7481	-0.3607	39.7266	17.3229	0.9206	0.4361
955	0.748	-0.3607	39.7264	17.3217	0.9206	0.436
956	0.748	-0.3608	39.7263	17.3206	0.9207	0.436
956	0.748	-0.3608	39.7262	17.3195	0.9207	0.436
956	0.748	-0.3609	39.7261	17.3182	0.9208	0.4359
956	0.7479	-0.3609	39.726	17.3169	0.9209	0.4359
956	0.7479	-0.3609	39.7259	17.3158	0.9209	0.4359
956	0.7479	-0.361	39.7258	17.3144	0.921	0.4358
956	0.7478	-0.361	39.7257	17.3133	0.921	0.4358
956	0.7478	-0.361	39.7258	17.312	0.9211	0.4358
956	0.7478	-0.3611	39.7257	17.3107	0.9211	0.4358
958	0.7476	-0.3614	39.7241	17.3009	0.9216	0.4355
958	0.7475	-0.3614	39.7238	17.2996	0.9216	0.4355
958	0.7475	-0.3615	39.7234	17.2985	0.9217	0.4355
958	0.7475	-0.3615	39.723	17.2973	0.9217	0.4354
958	0.7475	-0.3615	39.7228	17.2962	0.9218	0.4354
958	0.7474	-0.3616	39.7226	17.2951	0.9219	0.4354
958	0.7474	-0.3616	39.7223	17.2939	0.9219	0.4354
958	0.7474	-0.3617	39.7221	17.2929	0.922	0.4353
958	0.7473	-0.3617	39.7218	17.2919	0.9221	0.4353
959	0.7473	-0.3617	39.7216	17.2909	0.9221	0.4353
959	0.7473	-0.3618	39.7214	17.2897	0.9222	0.4353
959	0.7473	-0.3618	39.7214	17.2887	0.9222	0.4352
959	0.7472	-0.3618	39.7212	17.2875	0.9223	0.4352
959	0.7472	-0.3619	39.7208	17.2865	0.9224	0.4352
959	0.7472	-0.3619	39.7206	17.2855	0.9224	0.4352
959	0.7472	-0.3619	39.7204	17.2844	0.9225	0.4352
960	0.7471	-0.362	39.7201	17.2833	0.9226	0.4351
960	0.7471	-0.362	39.7198	17.2822	0.9226	0.4351
960	0.7471	-0.3621	39.7197	17.2812	0.9227	0.4351
960	0.747	-0.3621	39.7195	17.2801	0.9227	0.4351
960	0.747	-0.3622	39.7193	17.2791	0.9228	0.435
960	0.747	-0.3622	39.7193	17.2779	0.9229	0.435
960	0.747	-0.3622	39.719	17.2768	0.9229	0.435
960	0.7469	-0.3622	39.7188	17.2758	0.923	0.435
960	0.7469	-0.3623	39.7187	17.2745	0.923	0.4349
1000	0.738	-0.3739	39.6395	16.9513	0.943	0.4276

Measurement Report for (900.000MHz)

Exposure Conditions

Phantom Section, TSL	Frequency [MHz]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	900.000	8.93	0.903	39.9

Hardware Setup

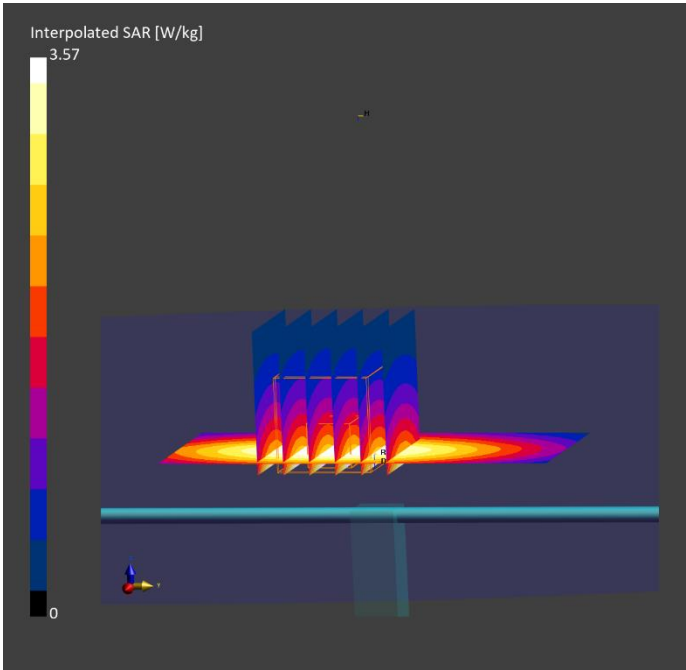
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2191	HBBL-600-10000 SLAAHU16BC221222-1, 2025-Jan-06	EX3DV4 - SN7783, 2024-04-12	DAE4 Sn1561, 2023-01-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-06, 16:53	2025-01-06, 17:01
psSAR1g [W/kg]	2.33	2.44
psSAR10g [W/kg]	1.54	1.64
Power Drift [dB]	-0.00	0.05
Power Scaling	Disabled	Disabled
Scaling Factor		
[dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		85.5
Dist 3dB Peak [mm]		> 15.0



; Name : DAK 3.5 Head 20.3 deg.C 2025-Jan-16 16:19:39						
; Date : 2025-Jan-16 16:19:39						
; Temperature(C) : 20.3						
; Probe : DAK 3.5						
; Network Analyzer : Keysight ENA						
MHz	RefIR	RefII	EpsR	EpsI	Sigma	TanD
800	0.7815	-0.3111	39.8965	19.0577	0.8482	0.4777
900	0.7637	-0.3419	39.4861	17.5654	0.879	0.4449
900	0.7637	-0.342	39.4861	17.5645	0.8791	0.4448
900	0.7637	-0.342	39.4861	17.5637	0.8791	0.4448
900	0.7637	-0.3421	39.4858	17.5627	0.8792	0.4448
900	0.7636	-0.3421	39.4855	17.5616	0.8793	0.4448
900	0.7636	-0.3421	39.4851	17.5603	0.8793	0.4447
900	0.7636	-0.3421	39.4847	17.5589	0.8794	0.4447
900	0.7636	-0.3422	39.4841	17.5574	0.8794	0.4447
900	0.7635	-0.3422	39.4838	17.5558	0.8795	0.4446
941	0.7528	-0.3556	39.618	17.326	0.9066	0.4373
941	0.7528	-0.3557	39.6184	17.3249	0.9067	0.4373
941	0.7528	-0.3557	39.6188	17.3236	0.9068	0.4373
941	0.7528	-0.3558	39.6192	17.3225	0.9068	0.4372
941	0.7527	-0.3558	39.6197	17.3214	0.9069	0.4372
941	0.7527	-0.3558	39.6202	17.3203	0.9069	0.4372
941	0.7527	-0.3559	39.6205	17.3193	0.907	0.4371
942	0.7526	-0.3559	39.6209	17.3185	0.9071	0.4371
942	0.7526	-0.356	39.6212	17.3175	0.9072	0.4371
942	0.7526	-0.356	39.6215	17.3165	0.9072	0.437
942	0.7525	-0.3561	39.6217	17.3153	0.9073	0.437
942	0.7525	-0.3561	39.6219	17.3142	0.9073	0.437
942	0.7525	-0.3562	39.622	17.3132	0.9074	0.437
942	0.7524	-0.3562	39.6221	17.3119	0.9075	0.4369
942	0.7524	-0.3562	39.6223	17.3107	0.9075	0.4369
942	0.7524	-0.3563	39.6223	17.3095	0.9076	0.4369
946	0.7517	-0.3573	39.629	17.2828	0.9091	0.4361
946	0.7517	-0.3573	39.6293	17.2813	0.9091	0.4361
946	0.7516	-0.3574	39.6297	17.2799	0.9092	0.436
946	0.7516	-0.3574	39.6301	17.2786	0.9092	0.436
946	0.7516	-0.3574	39.6304	17.2773	0.9093	0.436
946	0.7515	-0.3575	39.6308	17.2759	0.9093	0.4359
946	0.7515	-0.3575	39.6311	17.2747	0.9094	0.4359
946	0.7515	-0.3576	39.6315	17.2734	0.9094	0.4359

946	0.7515	-0.3576	39.6318	17.2722	0.9095	0.4358
947	0.7514	-0.3577	39.6319	17.271	0.9095	0.4358
947	0.7514	-0.3577	39.6321	17.2698	0.9096	0.4358
947	0.7514	-0.3577	39.6323	17.2686	0.9096	0.4357
947	0.7513	-0.3578	39.6325	17.2675	0.9097	0.4357
947	0.7513	-0.3578	39.6325	17.2663	0.9098	0.4357
947	0.7513	-0.3579	39.6325	17.265	0.9098	0.4356
947	0.7513	-0.3579	39.6324	17.2636	0.9099	0.4356
951	0.7506	-0.359	39.6352	17.2291	0.9112	0.4347
951	0.7505	-0.359	39.6353	17.2277	0.9112	0.4347
951	0.7505	-0.3591	39.6351	17.2264	0.9112	0.4346
951	0.7505	-0.3591	39.6351	17.2251	0.9113	0.4346
951	0.7504	-0.3591	39.635	17.2238	0.9114	0.4346
951	0.7504	-0.3592	39.6348	17.2223	0.9114	0.4345
951	0.7504	-0.3592	39.6346	17.2209	0.9114	0.4345
952	0.7504	-0.3593	39.6345	17.2195	0.9115	0.4345
952	0.7503	-0.3593	39.6343	17.2179	0.9115	0.4344
952	0.7503	-0.3593	39.6344	17.2163	0.9116	0.4344
952	0.7503	-0.3594	39.6344	17.2146	0.9116	0.4343
952	0.7503	-0.3594	39.6345	17.2129	0.9116	0.4343
952	0.7503	-0.3594	39.6346	17.2111	0.9116	0.4342
952	0.7502	-0.3595	39.6351	17.2093	0.9117	0.4342
952	0.7502	-0.3595	39.6354	17.2077	0.9117	0.4341
952	0.7502	-0.3596	39.6354	17.206	0.9117	0.4341
953	0.7502	-0.3596	39.6356	17.2043	0.9118	0.4341
953	0.7501	-0.3597	39.6356	17.2025	0.9118	0.434
953	0.7501	-0.3597	39.6357	17.2006	0.9118	0.434
953	0.7501	-0.3598	39.6358	17.1987	0.9118	0.4339
953	0.7501	-0.3598	39.6357	17.1967	0.9118	0.4339
953	0.75	-0.3598	39.6357	17.1948	0.9118	0.4338
953	0.75	-0.3599	39.6357	17.193	0.9119	0.4338
954	0.75	-0.3599	39.6355	17.1913	0.9119	0.4337
954	0.75	-0.36	39.6352	17.1896	0.9119	0.4337
954	0.75	-0.36	39.6348	17.188	0.912	0.4337
954	0.7499	-0.36	39.6344	17.1864	0.912	0.4336
954	0.7499	-0.3601	39.634	17.185	0.912	0.4336
954	0.7499	-0.3601	39.6337	17.1836	0.9121	0.4336
954	0.7499	-0.3602	39.6333	17.1821	0.9121	0.4335
954	0.7498	-0.3602	39.6329	17.1805	0.9122	0.4335
954	0.7498	-0.3602	39.6325	17.179	0.9122	0.4335
955	0.7498	-0.3602	39.6321	17.1773	0.9122	0.4334

955	0.7498	-0.3603	39.6317	17.1756	0.9123	0.4334
955	0.7497	-0.3603	39.6314	17.1739	0.9123	0.4333
955	0.7497	-0.3604	39.6311	17.1721	0.9123	0.4333
955	0.7497	-0.3604	39.6308	17.1703	0.9123	0.4333
955	0.7497	-0.3605	39.6306	17.1685	0.9124	0.4332
955	0.7497	-0.3605	39.6304	17.1667	0.9124	0.4332
956	0.7496	-0.3605	39.6303	17.1649	0.9124	0.4331
956	0.7496	-0.3606	39.6301	17.1631	0.9124	0.4331
956	0.7496	-0.3606	39.6301	17.1612	0.9125	0.433
956	0.7496	-0.3607	39.6299	17.1595	0.9125	0.433
956	0.7495	-0.3607	39.6296	17.1577	0.9125	0.433
956	0.7495	-0.3607	39.6291	17.1561	0.9125	0.4329
956	0.7495	-0.3608	39.6287	17.1545	0.9126	0.4329
956	0.7495	-0.3608	39.6282	17.153	0.9126	0.4328
956	0.7494	-0.3609	39.6276	17.1513	0.9126	0.4328
958	0.7493	-0.3611	39.6236	17.1367	0.9128	0.4325
958	0.7493	-0.3612	39.6234	17.1348	0.9128	0.4324
958	0.7492	-0.3612	39.6231	17.133	0.9129	0.4324
958	0.7492	-0.3613	39.6229	17.1312	0.9129	0.4324
958	0.7492	-0.3613	39.6226	17.1295	0.9129	0.4323
958	0.7492	-0.3613	39.6222	17.1278	0.9129	0.4323
958	0.7491	-0.3614	39.6217	17.1261	0.913	0.4322
958	0.7491	-0.3614	39.6212	17.1244	0.913	0.4322
958	0.7491	-0.3615	39.6204	17.1226	0.913	0.4322
959	0.7491	-0.3615	39.6198	17.1208	0.913	0.4321
959	0.7491	-0.3615	39.619	17.119	0.9131	0.4321
959	0.7491	-0.3616	39.6183	17.1169	0.9131	0.432
959	0.749	-0.3616	39.6175	17.115	0.9131	0.432
959	0.749	-0.3616	39.6166	17.1132	0.9131	0.432
959	0.749	-0.3617	39.6158	17.1113	0.9131	0.4319
959	0.749	-0.3617	39.6152	17.1093	0.9131	0.4319
960	0.749	-0.3618	39.6147	17.1072	0.9132	0.4318
960	0.7489	-0.3618	39.6141	17.1054	0.9132	0.4318
960	0.7489	-0.3618	39.6137	17.1034	0.9132	0.4318
960	0.7489	-0.3619	39.6134	17.1015	0.9132	0.4317
960	0.7489	-0.3619	39.6131	17.0997	0.9132	0.4317
960	0.7489	-0.3619	39.6128	17.0979	0.9133	0.4316
960	0.7488	-0.362	39.6125	17.096	0.9133	0.4316
960	0.7488	-0.362	39.6122	17.0942	0.9133	0.4315
960	0.7488	-0.3621	39.6118	17.0924	0.9133	0.4315
1000	0.7433	-0.3725	39.2702	16.4885	0.9173	0.4199

Measurement Report for (900.000MHz)

Exposure Conditions

Phantom Section, TSL	Frequency [MHz]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	900.000	8.03	0.879	39.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2191	HBBL-600-10000 SLAAHU16BC221222-1, 2025-Jan-16	EX3DV4 - SN7783, 2024-04-12	DAE4 Sn1724, 2024-03-28

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-16, 19:10	2025-01-16, 19:17
psSAR1g [W/kg]	2.47	2.54
psSAR10g [W/kg]	1.62	1.69
Power Drift [dB]	-0.00	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		86.2
Dist 3dB Peak [mm]		> 15.0

