

Frequency [GHz]	Meas. after 5min			DI Water at 20°C			Init. Meas.		
	ϵ'	ϵ''	σ [S/m]	ϵ'	ϵ''	σ [S/m]	ϵ'	ϵ''	σ [S/m]
5.200000000	47.4568	18.9879	5.49	73.2324	19.7715	5.72	47.4606	18.9798	5.49
5.210000000	47.4274	18.9861	5.50	73.2297	19.7870	5.74	47.4227	18.9875	5.50
5.220000000	47.4029	19.0196	5.52	73.1874	19.8184	5.76	47.3925	19.0045	5.52
5.230000000	47.3650	19.0550	5.54	73.1926	19.8688	5.78	47.3496	19.0433	5.54
5.240000000	47.3182	19.0687	5.56	73.1625	19.8901	5.80	47.3104	19.0518	5.55
5.250000000	47.3100	19.0786	5.57	73.1366	19.9245	5.82	47.2982	19.0830	5.57
5.260000000	47.2770	19.0928	5.59	73.1066	19.9146	5.83	47.2832	19.0828	5.58
5.270000000	47.2406	19.1150	5.60	73.1028	19.9752	5.86	47.2285	19.0974	5.60
5.280000000	47.2001	19.1496	5.62	73.0610	20.0106	5.88	47.1946	19.1442	5.62
5.290000000	47.1724	19.1755	5.64	73.0353	20.0244	5.89	47.1719	19.1666	5.64
5.300000000	47.1484	19.1955	5.66	73.0084	20.0845	5.92	47.1509	19.1937	5.66

Frequency [GHz]	Meas. after 5min			DI Water at 20°C			Init. Meas.		
	ϵ'	ϵ''	σ [S/m]	ϵ'	ϵ''	σ [S/m]	ϵ'	ϵ''	σ [S/m]
5.750000000	45.1633	18.9766	6.07	72.1077	21.8318	6.98	45.1299	18.9711	6.07
5.760000000	45.4106	19.2127	6.16	72.0844	21.8898	7.01	45.3732	19.2155	6.16
5.770000000	45.6316	19.2708	6.19	72.0780	21.9016	7.03	45.6241	19.2629	6.18
5.780000000	45.8142	19.1381	6.15	72.0499	21.9277	7.05	45.7994	19.1185	6.15
5.790000000	45.8402	18.8851	6.08	72.0417	21.9819	7.08	45.8244	18.8416	6.07
5.800000000	45.7323	18.5251	5.98	72.0268	22.0118	7.10	45.7103	18.4965	5.97
5.810000000	45.5013	18.2303	5.89	71.9854	22.0270	7.12	45.4492	18.1726	5.87
5.820000000	45.2030	18.0181	5.83	71.9877	22.0599	7.14	45.1508	17.9840	5.82
5.830000000	44.9206	17.9808	5.83	71.9480	22.0787	7.16	44.8581	17.9472	5.82
5.840000000	44.7204	18.1441	5.89	71.9397	22.1112	7.18	44.6346	18.1131	5.88
5.850000000	44.6132	18.4236	6.00	71.9116	22.1536	7.21	44.5619	18.4010	5.99

f_{target} [GHz]	5.2400	5.8000
$\epsilon'_{\text{target}}$	49.0	48.2
σ_{target} [S/m]	5.35	6.00

ϵ_0	8.85419E-12
--------------	-------------