



APPENDIX E - MEASURED FLUID DIELECTRIC PARAMETERS

Title

SubTitle

November 21, 2013 06:56 PM

Frequency	e'	e''
800.000000 MI	53.4739	20.1925
803.000000 MI	53.4289	20.1918
806.000000 MI	53.3889	20.2009
809.000000 MI	53.3349	20.1701
812.000000 MI	53.3119	20.2121
815.000000 MI	53.2849	20.1774
818.000000 MI	53.2579	20.1875
821.000000 MI	53.1999	20.2031
824.000000 MI	53.1669	20.1932
827.000000 MI	53.1489	20.2109
830.000000 MI	53.1219	20.2154
833.000000 MI	53.0949	20.2198
836.000000 MI	53.0749	20.2272
839.000000 MI	53.0379	20.2462
842.000000 MI	53.0009	20.2213
845.000000 MI	52.9809	20.2395
848.000000 MI	52.9289	20.2150
851.000000 MI	52.9019	20.2252
854.000000 MI	52.9089	20.2117
857.000000 MI	52.8879	20.2086
860.000000 MI	52.8569	20.2089
863.000000 MI	52.8299	20.1868
866.000000 MI	52.8159	20.1706
869.000000 MI	52.7959	20.1672
872.000000 MI	52.7789	20.1416
875.000000 MI	52.7419	20.0917
878.000000 MI	52.7479	20.0996
881.000000 MI	52.7109	20.1029
884.000000 MI	52.6749	20.0532
887.000000 MI	52.6929	20.0355
890.000000 MI	52.6349	20.0364
893.000000 MI	52.6279	19.9920
896.000000 MI	52.5929	19.9689
899.000000 MI	52.5869	19.9399
902.000000 MI	52.5689	19.9314

905.000000 MI	52.540%	19.8852
908.000000 MI	52.515%	19.8997
911.000000 MI	52.489%	19.8839
914.000000 MI	52.474%	19.8796
917.000000 MI	52.451%	19.8575
920.000000 MI	52.390%	19.8404
923.000000 MI	52.384%	19.8325
926.000000 MI	52.367%	19.8489
929.000000 MI	52.349%	19.8355
932.000000 MI	52.307%	19.8619
935.000000 MI	52.271%	19.8509
938.000000 MI	52.261%	19.8294
941.000000 MI	52.238%	19.8633
944.000000 MI	52.188%	19.8529
947.000000 MI	52.151%	19.8623
950.000000 MI	52.116%	19.8758

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SubTitle

June 25, 2014 04:28 PM

Frequency	e'	e''
1.750000000 GHz	54.767	14.8314
1.752000000 GHz	54.890	14.8636
1.754000000 GHz	54.962	14.8838
1.756000000 GHz	54.976	14.8818
1.758000000 GHz	54.878	14.8680
1.760000000 GHz	54.768	14.8310
1.762000000 GHz	54.684	14.8099
1.764000000 GHz	54.680	14.8045
1.766000000 GHz	54.746	14.8440
1.768000000 GHz	54.854	14.8581
1.770000000 GHz	54.930	14.9000
1.772000000 GHz	54.868	14.9048
1.774000000 GHz	54.779	14.8695
1.776000000 GHz	54.688	14.8282
1.778000000 GHz	54.603	14.8153
1.780000000 GHz	54.641	14.8383
1.782000000 GHz	54.704	14.8609
1.784000000 GHz	54.821	14.9106
1.786000000 GHz	54.865	14.9197
1.788000000 GHz	54.812	14.8950
1.790000000 GHz	54.698	14.8865
1.792000000 GHz	54.608	14.8714
1.794000000 GHz	54.582	14.8602
1.796000000 GHz	54.605	14.8877
1.798000000 GHz	54.703	14.9235
1.800000000 GHz	54.797	14.9628
1.802000000 GHz	54.798	14.9729
1.804000000 GHz	54.732	14.9594
1.806000000 GHz	54.612	14.9271
1.808000000 GHz	54.539	14.9130
1.810000000 GHz	54.540	14.9229
1.812000000 GHz	54.595	14.9517
1.814000000 GHz	54.666	14.9890
1.816000000 GHz	54.729	15.0139
1.818000000 GHz	54.740	15.0261

1.820000000 Gf	54.622	15.0081
1.822000000 Gf	54.540	14.9838
1.824000000 Gf	54.484	14.9590
1.826000000 Gf	54.476	14.9799
1.828000000 Gf	54.563	15.0134
1.830000000 Gf	54.630	15.0458
1.832000000 Gf	54.683	15.0872
1.834000000 Gf	54.634	15.0413
1.836000000 Gf	54.558	15.0195
1.838000000 Gf	54.462	15.0204
1.840000000 Gf	54.435	15.0067
1.842000000 Gf	54.468	15.0292
1.844000000 Gf	54.535	15.0570
1.846000000 Gf	54.626	15.0818
1.848000000 Gf	54.628	15.0949
1.850000000 Gf	54.564	15.0739