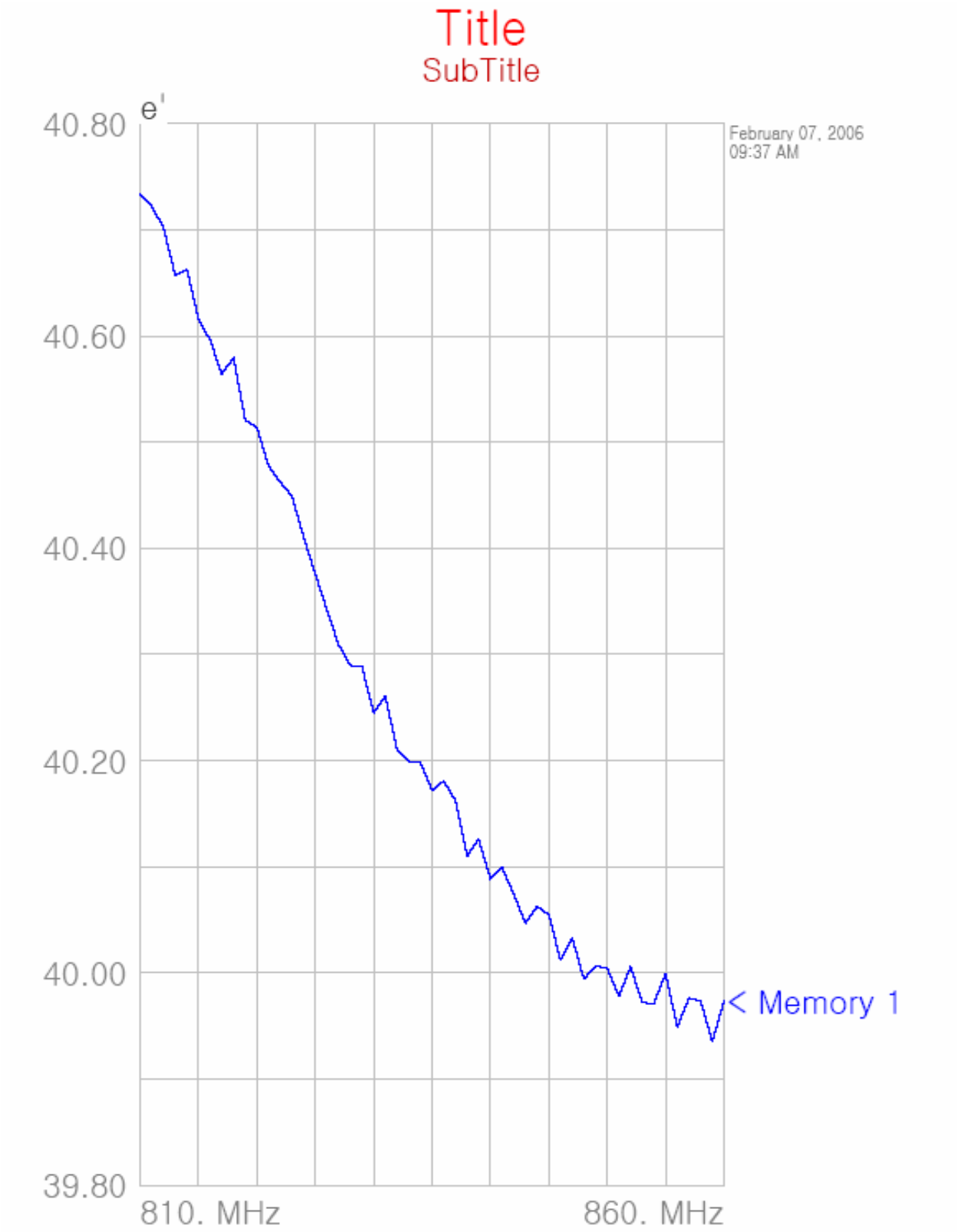
ESTECH Co., Ltd.
Rm.1015, World Venture Center II,
426-5, Gasan-dong, Geumcheon-gu,
Seoul, 153-803, Korea
TEL: 82-2-867-3201
FAX: 82-2-867-3204

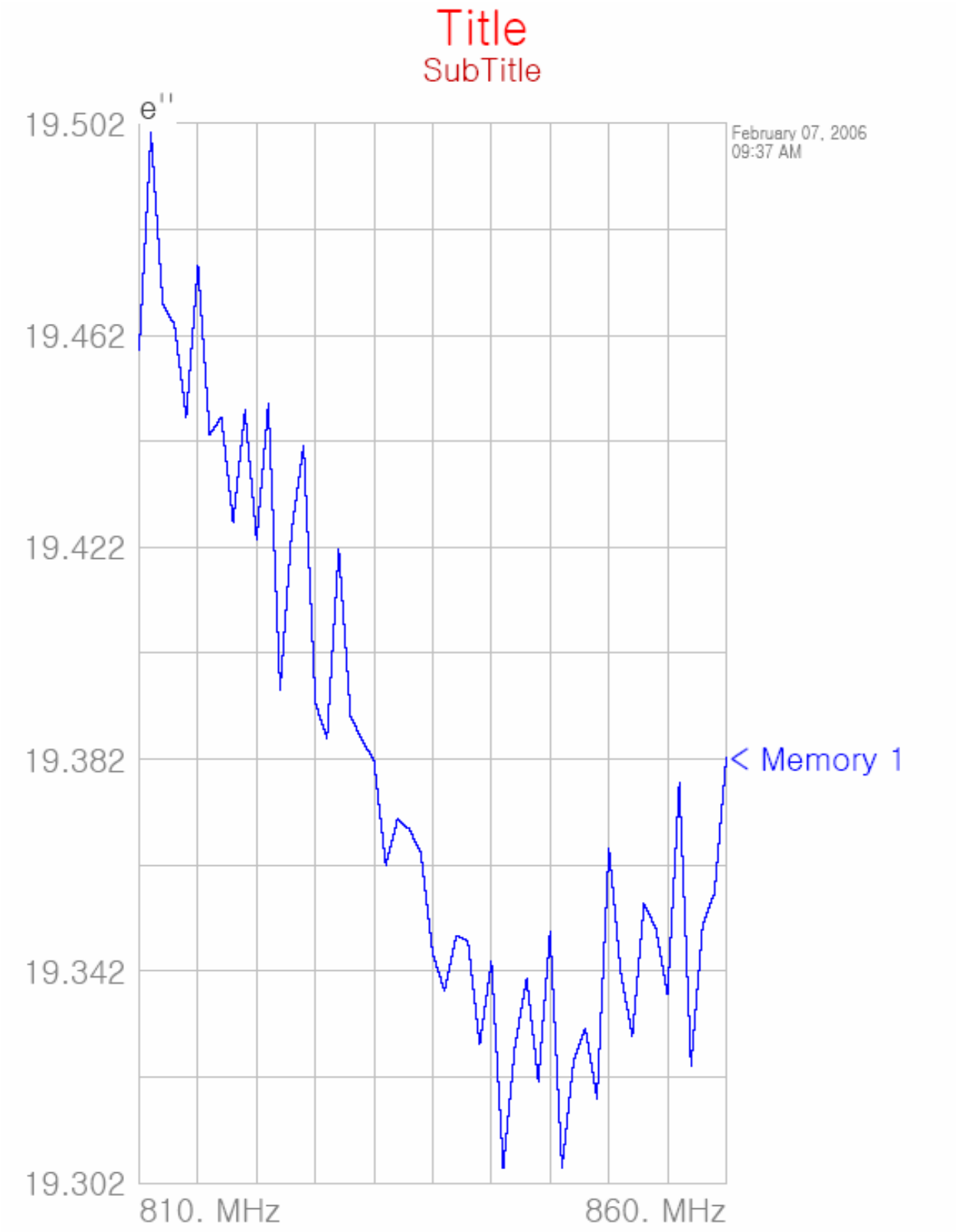
APPENDIX A : Validation Test Data of Tissue

ESTECH Co., Ltd.
Rm.1015, World Venture Center II,
426-5, Gasan-dong, Geumcheon-gu,
Seoul, 153-803, Korea
TEL: 82-2-867-3201
FAX: 82-2-867-3204

- Head Tissue



ESTECH Co., Ltd.
Rm.1015, World Venture Center II,
426-5, Gasan-dong, Geumcheon-gu,
Seoul, 153-803, Korea
TEL: 82-2-867-3201
FAX: 82-2-867-3204



ESTECH Co., Ltd.
Rm.1015, World Venture Center II,
426-5, Gasan-dong, Geumcheon-gu,
Seoul, 153-803, Korea
TEL: 82-2-867-3201
FAX: 82-2-867-3204

Title

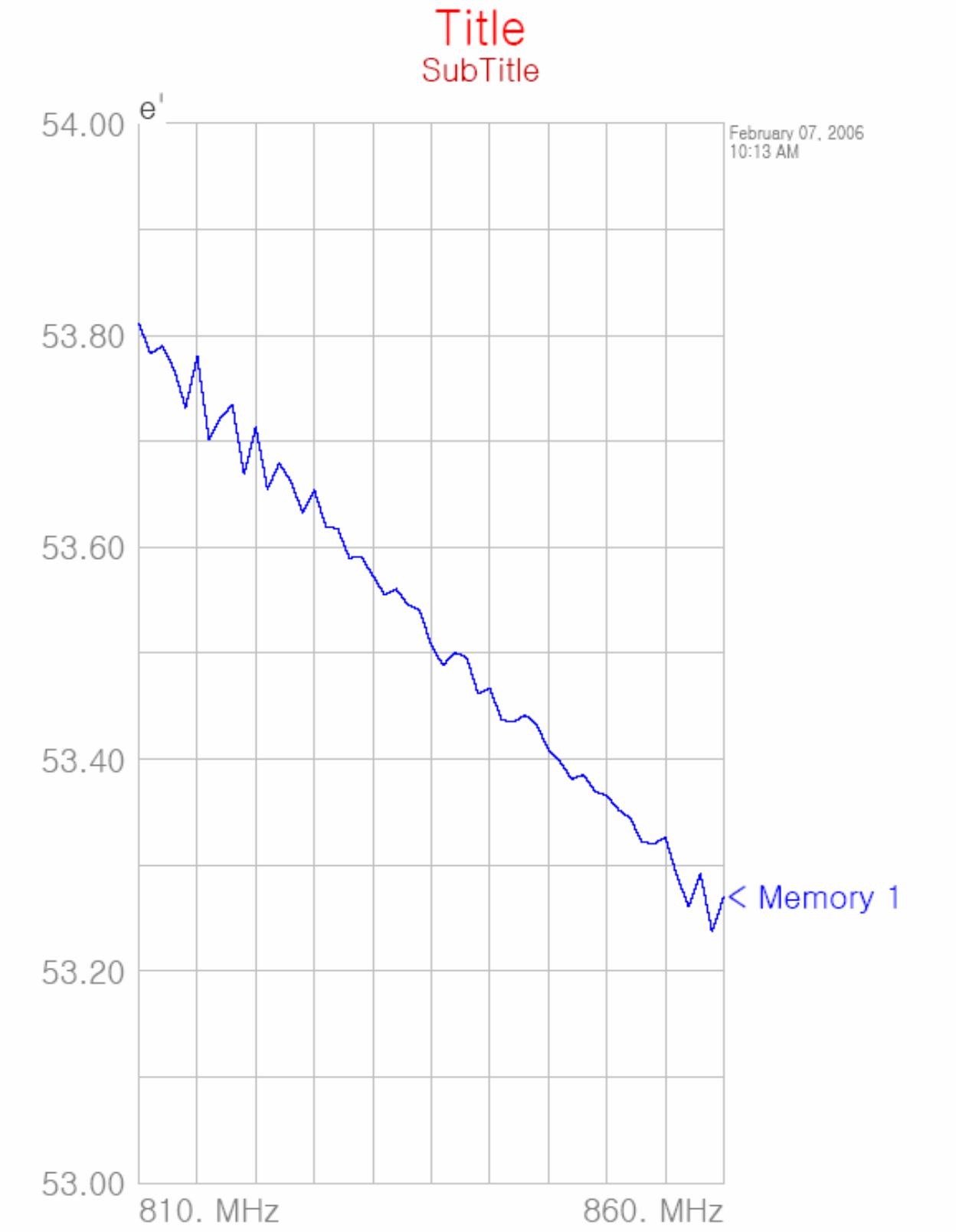
SubTitle

February 07, 2006 08:27 AM

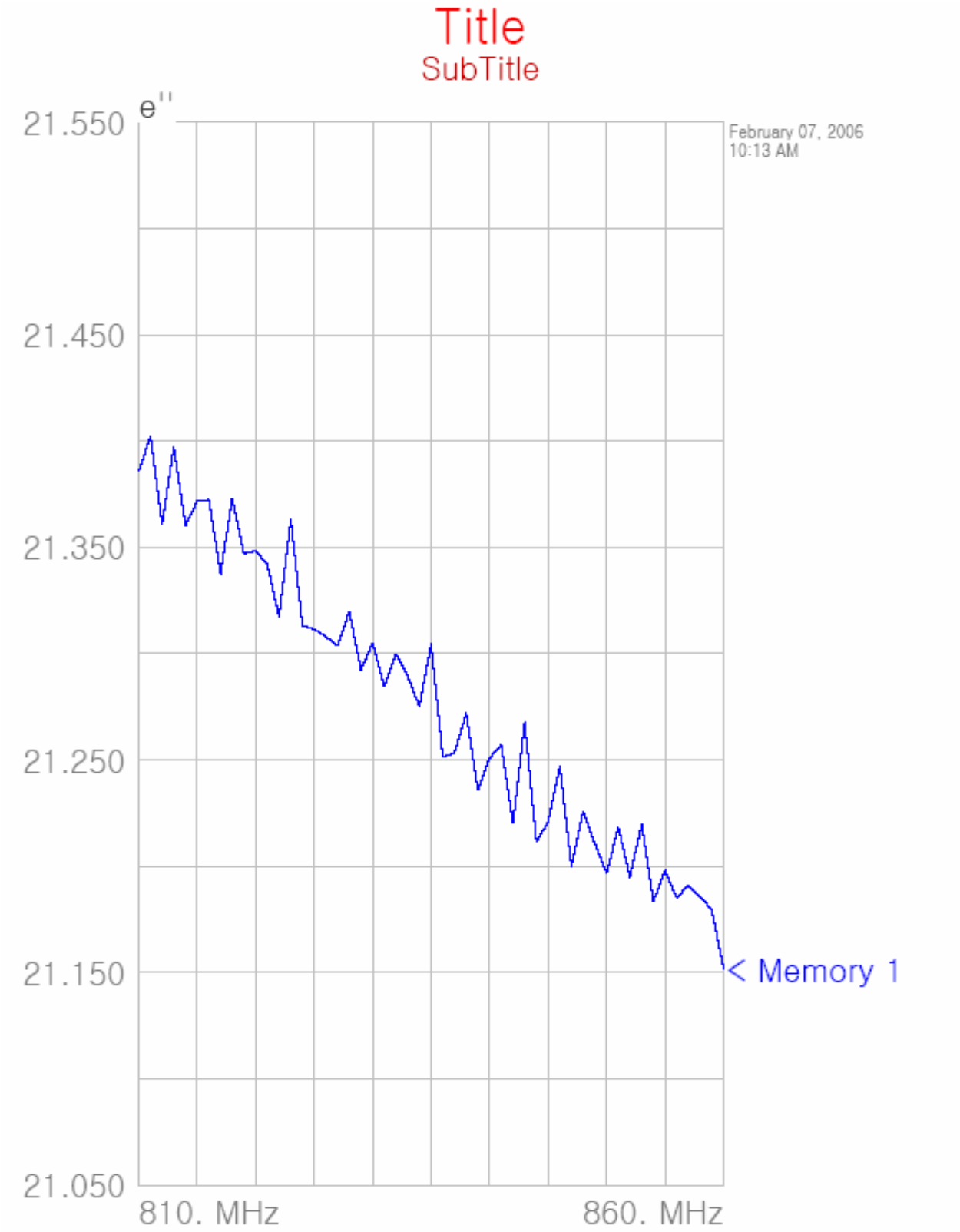
Frequency	e'	e''
810.000000 MHz	40.7338	19.4593
811.000000 MHz	40.7223	19.5002
812.000000 MHz	40.7021	19.4680
813.000000 MHz	40.6573	19.4640
814.000000 MHz	40.6626	19.4466
815.000000 MHz	40.6160	19.4753
816.000000 MHz	40.5960	19.4433
817.000000 MHz	40.5642	19.4466
818.000000 MHz	40.5796	19.4267
819.000000 MHz	40.5207	19.4479
820.000000 MHz	40.5136	19.4234
821.000000 MHz	40.4775	19.4492
822.000000 MHz	40.4625	19.3950
823.000000 MHz	40.4490	19.4254
824.000000 MHz	40.4104	19.4413
825.000000 MHz	40.3758	19.3926
826.000000 MHz	40.3420	19.3860
827.000000 MHz	40.3091	19.4216
828.000000 MHz	40.2898	19.3901
829.000000 MHz	40.2884	19.3855
830.000000 MHz	40.2451	19.3817
831.000000 MHz	40.2607	19.3620
832.000000 MHz	40.2104	19.3707
833.000000 MHz	40.1993	19.3688
834.000000 MHz	40.1981	19.3642
835.000000 MHz	40.1720	19.3454
836.000000 MHz	40.1806	19.3382
837.000000 MHz	40.1626	19.3487
838.000000 MHz	40.1101	19.3476
839.000000 MHz	40.1258	19.3281
840.000000 MHz	40.0685	19.3438
841.000000 MHz	40.0990	19.3049
842.000000 MHz	40.0742	19.3277
843.000000 MHz	40.0468	19.3407
844.000000 MHz	40.0625	19.3212
845.000000 MHz	40.0550	19.3496
846.000000 MHz	40.0120	19.3047
847.000000 MHz	40.0335	19.3252
848.000000 MHz	39.9941	19.3312
849.000000 MHz	40.0064	19.3179
850.000000 MHz	40.0043	19.3653
851.000000 MHz	39.9777	19.3420
852.000000 MHz	40.0058	19.3296
853.000000 MHz	39.9719	19.3547
854.000000 MHz	39.9712	19.3501
855.000000 MHz	39.9992	19.3376
856.000000 MHz	39.9491	19.3775
857.000000 MHz	39.9761	19.3242
858.000000 MHz	39.9738	19.3508
859.000000 MHz	39.9351	19.3567
860.000000 MHz	39.9735	19.3823

ESTECH Co., Ltd.
Rm.1015, World Venture Center II,
426-5, Gasan-dong, Geumcheon-gu,
Seoul, 153-803, Korea
TEL: 82-2-867-3201
FAX: 82-2-867-3204

- Body Tissue



ESTECH Co., Ltd.
Rm.1015, World Venture Center II,
426-5, Gasan-dong, Geumcheon-gu,
Seoul, 153-803, Korea
TEL: 82-2-867-3201
FAX: 82-2-867-3204



ESTECH Co., Ltd.
Rm.1015, World Venture Center II,
426-5, Gasan-dong, Geumcheon-gu,
Seoul, 153-803, Korea
TEL: 82-2-867-3201
FAX: 82-2-867-3204

Title

SubTitle

February 07, 2006 10:13 AM

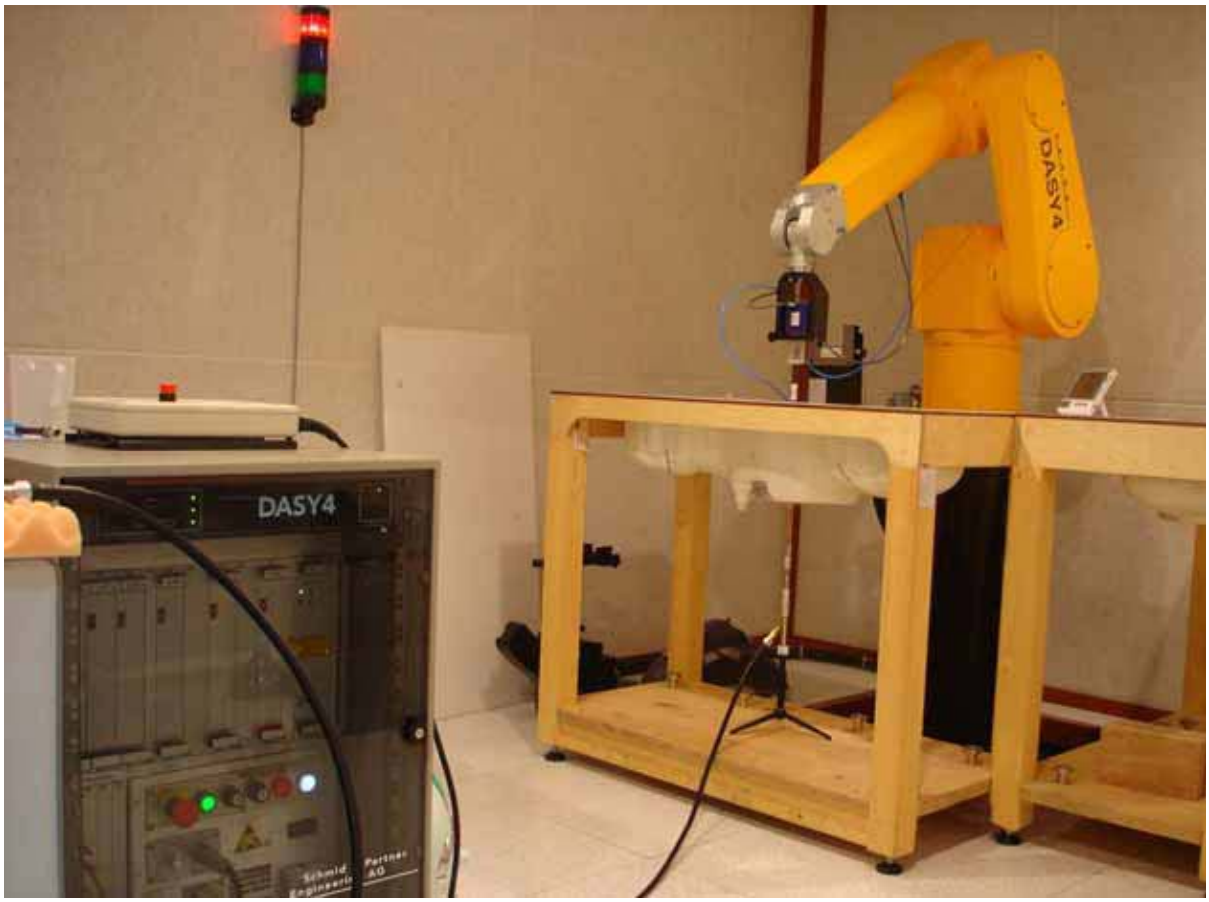
Frequency	e'	e''
810.000000 MHz	53.8114	21.3858
811.000000 MHz	53.7827	21.4022
812.000000 MHz	53.7898	21.3609
813.000000 MHz	53.7683	21.3973
814.000000 MHz	53.7320	21.3603
815.000000 MHz	53.7805	21.3718
816.000000 MHz	53.7016	21.3725
817.000000 MHz	53.7223	21.3377
818.000000 MHz	53.7345	21.3732
819.000000 MHz	53.6687	21.3470
820.000000 MHz	53.7135	21.3484
821.000000 MHz	53.6550	21.3420
822.000000 MHz	53.6793	21.3173
823.000000 MHz	53.6620	21.3632
824.000000 MHz	53.6326	21.3131
825.000000 MHz	53.6542	21.3116
826.000000 MHz	53.6193	21.3081
827.000000 MHz	53.6176	21.3038
828.000000 MHz	53.5900	21.3199
829.000000 MHz	53.5912	21.2924
830.000000 MHz	53.5735	21.3050
831.000000 MHz	53.5551	21.2847
832.000000 MHz	53.5606	21.2999
833.000000 MHz	53.5458	21.2893
834.000000 MHz	53.5408	21.2752
835.000000 MHz	53.5075	21.3045
836.000000 MHz	53.4885	21.2515
837.000000 MHz	53.5004	21.2533
838.000000 MHz	53.4964	21.2720
839.000000 MHz	53.4616	21.2358
840.000000 MHz	53.4674	21.2509
841.000000 MHz	53.4371	21.2571
842.000000 MHz	53.4350	21.2202
843.000000 MHz	53.4418	21.2676
844.000000 MHz	53.4327	21.2115
845.000000 MHz	53.4093	21.2207
846.000000 MHz	53.3977	21.2474
847.000000 MHz	53.3808	21.1997
848.000000 MHz	53.3856	21.2259
849.000000 MHz	53.3697	21.2106
850.000000 MHz	53.3653	21.1966
851.000000 MHz	53.3523	21.2184
852.000000 MHz	53.3443	21.1948
853.000000 MHz	53.3219	21.2200
854.000000 MHz	53.3200	21.1834
855.000000 MHz	53.3263	21.1980
856.000000 MHz	53.2899	21.1851
857.000000 MHz	53.2606	21.1911
858.000000 MHz	53.2920	21.1856
859.000000 MHz	53.2368	21.1797
860.000000 MHz	53.2706	21.1517

ESTECH Co., Ltd.
Rm.1015, World Venture Center II,
426-5, Gasan-dong, Geumcheon-gu,
Seoul, 153-803, Korea
TEL: 82-2-867-3201
FAX: 82-2-867-3204

APPENDIX B : Validation Test Data

ESTECH Co., Ltd.
Rm.1015, World Venture Center II,
426-5, Gasan-dong, Geumcheon-gu,
Seoul, 153-803, Korea
TEL: 82-2-867-3201
FAX: 82-2-867-3204

835MHz Dipole Validation



ESTECH Co., Ltd.
Rm.1015, World Venture Center II,
426-5, Gasan-dong, Geumcheon-gu,
Seoul, 153-803, Korea
TEL: 82-2-867-3201
FAX: 82-2-867-3204

Date/Time: 02/07/06 10:58:05

Test Laboratory: ESTECH

validation 0207

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:xxx

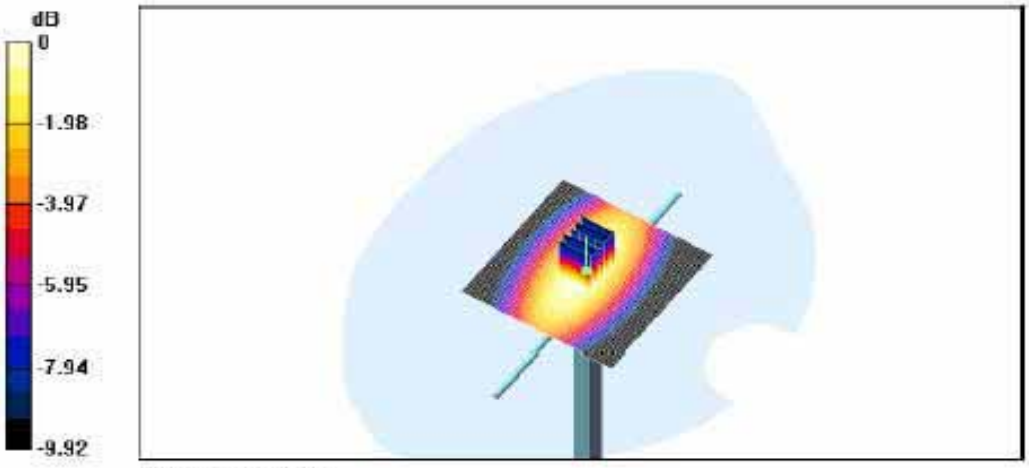
Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.899 mho/m; ε_r = 40.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1750; ConvF(6.57, 6.57, 6.57); Calibrated: 2006-01-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn551; Calibrated: 2004-04-28
- Phantom: SAM 835MHz; Type: SAM 835MHz; Serial: TP-1262
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112
- Temperature : 22℃, Humidity : 48%

Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 54.3 V/m; Power Drift = 0.01 dB
Maximum value of SAR (interpolated) = 2.5 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 54.3 V/m; Power Drift = 0.01 dB
Maximum value of SAR (measured) = 2.52 mW/g
Peak SAR (extrapolated) = 3.49 W/kg
SAR(1 g) = 2.33 mW/g



0 dB = 2.52mW/g