

PUBLICATIONS OF SAID ELNOUBI

Papers published in refereed Journals (including 21 IEEE transactions papers):

1. Ayman Elnashar, Said Elnoubi, Hamdi Elmikati, "Low-complexity robust adaptive generalized sidelobe canceller detector for DS/CDMA systems," International Journal of Adaptive Control and Signal Processing, John Wiley & Sons, Ltd , Volume 23, Issue 3, March 2009, pp. 293-310
2. Tamer Samir, Said Elnoubi, and Ayman Elnashar, "Block Shanno Minimum Bit Error Rate Beamforming," accepted for publication, IEEE transactions on Vehicular Technology, September 2008, pp 2981- 2990..
3. Ayman Elnashar, Said Elnoubi, and Hamdi El-Mikati, "Performance Analysis of Blind Adaptive MOE Multiuser Receivers Using Inverse QRD-RLS," IEEE tarsactions on Circuits and Systems, February 2008, , pp. 398-411.
4. Ayman Elnashar, Said Elnoubi, and Hamdi El-Mikati, "Further Study on Robust Besmforming with Optimum Diagonal Loading," IEEE Transactions on Antennas and Propagation, December 2006, pp 3647-3658.
5. Said Elnoubi, "Three-Dimensional Cellular Systems for Air/Ground Personal Communication," IEEE Transactions on Vehicular Technology, November 2005, pp. 1923-1931
6. Said Elnoubi and Ali Al-Sayh, "A Packet Reservation Multiple Access (PRMA) Based Algorithm for Multimedia Wireless system," IEEE Transactions on Vehicular Technology, January 2004, pp. 215-222.
7. S. Elnoubi, E. Sourour, and A. El-Shamly, "Performance of Multi-Carrier CDMA with DPSK Modulation and Differential Detection in Fading Multipath Channel," IEEE Transactions on Vehicular Technology, May 2002, pp. 526-536.
8. Said M.Elnoubi and Ahmed El-Beheiry, "Effect of Overlapping Between Successive Carriers of Multicarrier CDMA on the Performance in a Multipath Fading Channel," IEEE Transactions on Communications, May 2001, pp. 769-773.
9. Said Elnoubi, "Backup Radio Site Identification for Air Traffic Control Systems," IEEE Transactions on Aerospace and Electronic Systems, January 2001, pp. 40-49.
10. Ayman AbuRaddy and Said Elnoubi, "Statistical Modeling for Indoor Radio Channel at 10 GHz through Propagation Measurements- Part I: Narrowband Measurements and Modeling," IEEE Transactions on Vehicular Technology, September 2000, pp. 1491-1507.

11. N. ElFishawy, M. Hadoud, W. El-Sersy, and S. Elnoubi, "Initialization technique for Hopfield neural network algorithm for cellular radio channel assignment," Alexandria Engineering Journal, Vol. 39, No. 5, September 2000, pp. 709-716.
12. Said Elnoubi, "Capacities of Mobile Air/Ground Radio Communication Systems Employing Cylindrical Cells," IEEE Transactions on Aerospace and Electronic Systems, January 1998, pp. 247-256.
13. Said Elnoubi and Chris Moody, "Evaluation of a Single versus Dual Frequency Channel Structure for VHF A/G Communications," Air Traffic Control Quarterly, Vol. 1(1), John Wiley & Sons, Inc., January 1993, pp. 85-113
14. Said M. Elnoubi, "Three-Dimensional Cellular Systems for Aeronautical Mobile Radio Communications," IEEE Transactions on Vehicular Technology, November 1992, pp. 322-328.
15. Said Elnoubi, "Comments on GMSK with Differential Phase Detection in the Satellite Mobile Channel," IEEE Transactions on Communications, April 1992, pp. 666-669.
16. Said M Elnoubi, Hani Badr, and El-Sayed Youssef, "BER Improvement of PRCPM in Mobile Radio Channels with Discriminator Detection Using Decision Feedback Equalization", IEEE Transactions on Vehicular Technology, November 1991, pp. 694-699.
17. Said Elnoubi, El-Sayed Youssef and Khaled Helal, "A Simple Detector for Trellis Coded PSK Mobile Radio Systems," International Journal of Digital and Analog Communication Systems, July-September 1991, pp. 205-208.
18. Said M. Elnoubi, "Probability of Error Analysis of Digital PRCPM with Two-Bit Differential Detection and Offset Receiver Diversity in Fast Rayleigh Fading Channels", IEEE Transactions on Communications, June 1990, pp. 782-786.
19. Said M. Elnoubi, "Probability of Error Analysis of Partial Response Continuous Phase Modulation with Noncoherent Detection in Mobile Radio Channels", IEEE Transactions of Vehicular Technology, Feb. 1989, pp. 19-30.
20. Said M. Elnoubi, "Predetection Filtering Effect on the Probability of Error of GMSK with Discriminator Detection in Mobile Radio Channels", IEEE Transactions on Vehicular Technology, May 1988, pp. 104-109.
21. Said M. Elnoubi, "Analysis of GMSK with Differential Detection in Land Mobil Radio Channels", IEEE Transactions on Vehicular Technology, November 1986, pp. 162-167.
22. Said Elnoubi, "Analysis of GMSK with Discriminator Detection in Mobile Radio Channels", IEEE Transactions on Vehicular Technology, May 1986, pp. 71-75.

23. Said Elnoubi and S.C. Gupta, "Performance of First Order Digital Phase Locked Loops in Mobile Radio Channels", IEEE Transactions on Communications, May 1985, pp. 450-456.
24. Said Elnoubi, R. Singh and S.C. Gupta, "A New Frequency Channel Assignment Algorithm in High Capacity Mobile Communication Systems," IEEE Transactions on Vehicular Technology, August 1982, pp. 125-131.
25. Said Elnoubi and S.C. Gupta, "Error Rate Performance of Noncoherent Detection of Duobinary Coded MSK and TFM in Mobile Radio Communication Systems," IEEE Transactions on Vehicular Technology, May 1981, pp. 62-76.

Papers Published in 42 International Conferences:

1. Said Elnoubi, Sherif Elbadawy and Chawki Shaban, "Performance of Turbo Coded OFDM System with Comb Pilot Channel Estimation in Rayleigh Fading Channel," IEEE Military Communications Conference, MILCOM08, San Diego, CA, USA, November 2008.
2. Said Elnoubi, Nayera Sadek, and Ola Hussein, "Basic Access Rate Adaptation for Ad-Hoc Networks," IEEE Military Communications Conference, MILCOM08, San Diego, CA, USA, November 2008.
3. Said M. Elnoubi and Abdel-Awal Hashem, "Error Rate Performance of MC DS-CDMA Systems over Multiple-Input Multiple-Output Nakagami-m Fading Channel," IEEE Military Communications Conference, MILCOM08, San Diego, CA, USA, November 2008.
4. Sherif Samir and Said Elnoubi, "Performance of TC-QPSK-OFDM System with Phase Error and Perfect Compensation in Rayleigh Fading Channel," the 10th International Conference on Advanced Communication Technology, Seoul, Korea, February 2008.
5. Tamer Samir, Said Elnoubi, and Ayman Elnashar, "Block-Shanno MBER Beamformin," IEEE International Symposium on Signal processing and its Applications, Shrhah, United Arab Emirates, February 2007.
6. Tamer Samir, Said Elnoubi, and Ayman Elnashar, "Class of Minimum Bit Error Rate Algorithms," the 9th International Conference on Advancved Communication Technology, Gangwon-Do, Korea, February 2007, pp. 168-173.
7. Ayman El-Nashar, Said Elnoubi, and Hamdi El-Mikati, "Performance Analysis of Robust MOE Detectors at Low SNR on the IQRD-RLS Algorithm," The 15th IST Mobile and Wireless Summit, Myconos, Greece, June 2006.
8. Abdel Awal Hashem, S. Elnoubi,, and H. Elmikati,, "Performance of MC CDMA RAKE systems in generalized Nakagami-m multipath fading channel," IEEE Wireless Communications and Networking Conference, WCNC 2005, New Orleans, LA, March 2005, pp. 894 - 899

9. Ayman Elnashar, S. Elnoubi, and H. Elmikati,, "A Robust Linearly Constrained CMA for Adaptive Blind Multiuser Detection," IEEE Wireless Communications and Networking Conference, WCNC 2005, New Orleans, LA, March 2005, pp. 233 - 238
10. Ayman Elnashar, S. Elnoubi, and H. Elmikati, "A Robust Quadratically Constrained Adaptive Blind Multiuser Receiver for Cellular DS/CDMA Systems", 2004 IEEE Eighth International Symposium on Spread Spectrum Techniques and Applications, Sydney, Australia, August/September 2004, pp. 164 - 168
11. Ayman Elnashar, S. Elnoubi, and H. Elmikati, "A Novel Adaptive Blind Multiuser Receiver for DS/CDMA Based on Combined Inverse QRD-RLS Algorithm and Constrained Optimization Approach," International Symposium on Intelligent Signal Processing and Communication Systems (ISPACS 2003), Awaji Island, Japan, December 2003, pp. 423-428.
12. Ayman Elnashar, S. Elnoubi, and H. Elmikati, "Computationally efficient real-time blind multiuser detection for cellular DS/CDMA based on inverse QRD-RLS algorithm and subspace tracking," IEEE International Midwest Symposium on Circuits and Systems, Cairo, Egypt, December 2003, pp 303-306.
13. Ayman Elnashar, S. Elnoubi, and H. Elmikati, "A Robust Adaptive Blind Multiuser Detection for DS/CDMA Based on Combined Inverse QRD-RLS Algorithm and MOE," International Conference on Software, Telecommunications and Computer Networks SOFTCOM 2003, October 2003.
14. Ali Alsayh, S. Elnoubi, and M. Nazih El-Derini, "A Modified PRMA Protocol for Transmission of Multimedia over an Error Free Wireless Channel ," IEEE Wireless Communications and Networking Conference, WCNC 2003, New Orleans, LA , March 2003, pp. 1317-1321
15. Y. Abdalla, M. Dissouky, A. Attia, and S. M. Elnoubi, "Simulation Study of A Generic Multimedia Wireless Network," the 6th World Multiconference on Systemics, Cybernetics and Informatics SCI 2002, Orlando, FL, July 2002.
16. Y. Abdalla, M. Dissouky, A. Attia, and S. M. Elnoubi, "A New Piggybacked CDMA/PRMA Protocol for Multimedia Services Over Mobile Communication Networks," the 6th World Multiconference on Systemics, Cybernetics and Informatics SCI 2002, Orlando, FL, July 2002.
17. Onsy Abdel Alim, Said Elnoubi and Mostafa El-Khamy, "Blind Detection of High Data Rate Wireless CDMA in Multipath Channel," IEEE International Symposium on Signal Processing and Information Technology, Cairo, Egypt, December 2001, pp. 223-228.
18. Said Elnoubi and Ali Al-Sayh, "A Packet Reservation Multiple Access (PRMA) Based Algorithm for Multimedia Wireless system," Personal Indoor and Mobile Radio Communications conference PIMRC' 2001, San Diego, CA, September 2001.

19. Said Elnoubi and Abbas ElShamly, "Performance of Multicarrier CDMA with MSK Modulation and One-Bit Differential Detection in Multipath Fading Channel," IEEE Vehicular Technology Conference, Boston, MA, September 2000, pp. 1041-1048.
20. N. ElFishawy, M. Hadoud, S. Elnoubi, and W. El-Sersy, "A Modified Hopfield Neural Network Algorithm for Cellular Radio Channel Assignment," IEEE Vehicular Technology Conference, Boston, MA, September 2000, pp. 1128-1133
21. Said Elnoubi and Abbas ElShamly, "Effect of Overlapping between Successive Carriers of Multicarrier CDMA with DPSK Modulation and Differential Detection in Static Fading Multipath Channels," IEEE International Symposium on Computers and Communications, Red Sea, July 1999, pp. 460-466.
22. Said Elnoubi and Abbas ElShamly, "Performance of Orthogonal Multicarrier CDMA with DPSK Modulation and Differential Detection in a Fading Multipath Channel," IEEE Vehicular Technology Conference, Houston, Texas, May 1999, pp. 899-903.
23. Said Elnoubi, Ehab Sabry and Reyad Srouf, "Simulation of Packet Reservation Multiple Access (PRMA) for Multimedia Traffic Over Wireless Channel," 1998 International Wireless and Telecommunications Symposium, Malaysia, May 1998, pp. 300-306.
24. Said M. Elnoubi and Ahmed El-Beheiry, "Effect of Overlapping Between Successive Carriers of Multicarrier CDMA on the Performance in a Multipath Fading Channel," IEEE International Conference on Universal Personal Communications, San Diego, California, October 1997, pp. 188-192.
25. Ayman F. Abu Raddy and Said M. Elnoubi, "Propagation Measurements in an Indoor Wireless Mobile Environment at 10 GHz," 2nd IEEE Symposium on Computers and Communication, Alexandria, Egypt, July 1997, pp. 561-565.
26. Ayman F. Abu Raddy and Said M. Elnoubi, "Propagation Measurements and Channel Modeling for Indoor Mobile Radio at 10 GHz," IEEE 47th Vehicular Technology Conference, Phoenix, Arizona, May 1997, pp. 1395-1399.
27. Said Elnoubi, "Capacity of Code Division Multiplexed Mobile Air/Ground Communication Systems Employing Cylindrical Cells," IEEE Vehicular Technology Conference, Chicago, Illinois, July 1995, pp. 331-334.
28. Said Elnoubi, "Wireless Communications Systems for Rural and Less Privileged Areas in Islamic Countries," Telecommunications & Information Systems-Status & Trends in Islamic Countries Fourth Technical Conference, Amman, Jordan, May 1995.
29. El-Sayed Youssef, Said Elnoubi and Hesham Tolba, "Analysis of Coded FH/MFSK System with Nonlinear Diversity Combining for Combating Partial-Band Noise Jamming," 1993 Canadian Conference on Electrical and Computer Engineering, Vancouver, Canada, September 1993, pp. 888-891.

30. Said Elnoubi, "Capacities of Simplex and Duplex Air/Ground Mobile Radio Communication Systems Employing Cylindrical Cells," IEEE Vehicular Technology Conference, Secaucus, New Jersey, May 1993, pp. 331-334.
31. D. J. Chadwick, J. C. Moody, S. M. Elnoubi and F. Box, "An Approach to Transitioning FAA Air/Ground Communications to Digital System," Eleventh Digital Avionics Systems Conference, Seattle, Washington, October 1992, pp.25-30.
32. Said M. Elnoubi, "BER Performance of Continuous Phase Digital Angle Modulation in Aeronautical Mobile Radio Channels," IEEE International Conference on Communications, Chicago, Illinois, June 1992, pp. 476-480.
33. Said M. Elnoubi, "3-Dimensional Cellular Systems for Aeronautical Mobile Radio Communications," IEEE Vehicular Technology Conference, Denver, Colorado, May 1992, pp. 956-959.
34. Said M. Elnoubi, "A Simplified Stochastic Model for the Aeronautical Mobile Radio Channel," IEEE Vehicular Technology Conference, Denver, Colorado, May 1992, pp. 960-963.
35. Said M. Elnoubi, "BER Improvement of PRCPM in Mobile Radio Channels with Differential Detection Using Decision Feedback Equalization", IEEE Military Communications Conference, Monterey, CA, Sept. 1990, pp. 23.5.1-23.5.5.
36. Said M. Elnoubi, Eman Fahmy and El-Sayed El-Badawy, "Performance of Trellis Coded QPSK in Mobile Radio Channels", IEEE Vehicular Technology Conference, Orlando, FL, May 1990, pp. 471-475.
37. Said Elnoubi, El-Sayed Youssef and Khaled Helal, " A Simple Detector for Trellis Coded PSK Mobile Radio Systems", IEEE International Conference on Communications, Atlanta, Georgia, April 1990, pp. 339.5.1-339.5.4.
38. Said M. Elnoubi, "Probability of Error Analysis of Digital PRCPM with Two-Bit Differential Detection and Offset Receiver Diversity in Fast Rayleigh Fading Channels", IEEE Global Telecommunication Conference, Dallas, Texas, Nov. 1989, pp. 3.6.1-3.6.5.
39. Said M. Elnoubi, EL-Sayed Youssef and Hany Badr, "BER Improvement of PRCPM in Mobile Radio Channels with Discriminator Detection Using Decision Feedback Equalization", IEEE Vehicular Technology Conference, San Francisco, CA, May 1989, pp. 237-242.
40. Said M. Elnoubi, "Probability of Error Analysis of Digital Partial Response Continuous Phase Modulation with Discriminator Detection in Land Mobile Radio Channels", IEEE Vehicular Technology Conference, Philadelphia, PA, June 1988, pp. 255-259.
41. Said M. Elnoubi, "Probability of Error Analysis of Digital Partial Response Continuous Phase Modulation with Differential Detection in Land Mobile Radio

- Channels", IEEE Vehicular Technology Conference, Tampa Florida, June 1987, pp.51-58.
42. Said M. Elnoubi, "Worst Case Cochannel Interference and Spectrum Efficiency of GMSK in Cellular Mobile Radio Systems", IEEE Vehicular Technology Conference, Tampa, Florida, June 1987, pp. 253-257.
 43. Said Elnoubi, "Analysis of Generalized Tamed Frequency Modulation with Discriminator Detection in Mobile Radio Channels", IEEE Military Communication Conference, Monterey, California, October 1986, pp. 39.2.1-39.2.5.
 44. E. Sorour and S. Elnoubi, "Probability of Error Analysis of BFSK-FH System with Diversity under Partial-Band Multiple Tone Interference", IEEE Military Communication Conference, Monterey, California, October 1986, pp. 40.1.1-40.1.5
 45. Said Elnoubi, "Analysis of GMSK with Limiter Discriminator Detection in Land Mobile Radio Channels", IEEE International Conference on Communications, Toronto, Canada, June 1986, pp. 1166-1170.
 46. Said Elnoubi, "Analysis of GMSK with Two-Bit Differential Detection in Land Mobile Radio Channels", IEEE International Conference on Communications, Toronto, Canada, June 1986, pp. 1161-1165.
 47. Said Elnoubi, "Analysis of GMSK with Differential Detection in Land Mobile Radio Channels", IEEE Vehicular Technology Conference, Dallas, Texas, May 1986, pp. 96-102.
 48. Said Elnoubi, "Analysis of GMSK with Discriminator Detection in Mobile Radio Channels", IEEE Vehicular Technology Conference, Dallas, Texas, May 1986, pp. 90-95.
 49. Said Elnoubi, "Digital Data Transmission in Mobile Radio Communication Systems", National Electronics Conference, Oak Brook, IL, October 1983, pp. 489-494.
 50. Said Elnoubi, "Performance of a Transmitter Diversity MSK Mobile Radio System with Two-Bit Differential detection," IEEE Military Communications Conference, Washington, D.C., October 1983, pp. 661-665.
 51. Said Elnoubi, "Performance of Frequency Hopped MSK Spread Spectrum Mobile Radio System with Differential Detection, " IEEE International Conference on Communications, Philadelphia, Pennsylvania, June 1982, pp. 6B.2.1-6B.2.5.
 52. Said Elnoubi and S.C. Gupta, "Performance of Frequency Hopped MSK Spread Spectrum Mobile Radio System with Discriminator Detection," IEEE National Telecommunication Conference, New Orleans, Louisiana, November 1981, pp. G3.3.1-G3.3.5.
 53. Said Elnoubi and S.C. Gupta, "Performance of Digital Phase Locked Loops with a Phase Step Input in the Fast Fading Mobile Radio Channel," IEEE International Conference on Communications, Denver, Colorado, June 1981, pp. 23.2.5.

54. Said Elnoubi and S.C. Gupta, "Error Rate Performance of Duobinary Coded MSK and TFM with Differential Detection in Land Mobile Communication Systems," IEEE Vehicular Technology Conference, Washington, D.C., April 1981, pp. 231-239.
55. Said Elnoubi and S.C. Gupta, "Error Rate Performance of Duobinary Coded MSK with Discriminator Detection in Mobile Communication Systems," IEEE International Telecommunication and Computer Exposition Record, Los Angeles, California, November 1980, pp. 120-124.
56. Said Elnoubi, R. Singh, and S.C. Gupta, "Performance of Frequency Channel Assignment Schemes in Combined Mobile Telephone and Dispatch Systems," IEEE International Conference on Communications, Seattle, Washington, June 1980, pp. 24.4.1-24.4.5.
57. Said Elnoubi, R. Singh and S.C. Gupta, "A New Channel Assignment Scheme in Land Mobile Radio Communications," IEEE National Telecommunications Conference, Washington, D.C., November 1979, pp. 9.1.1-9.1.4.
58. R. Singh, S. Elnoubi, and S.C. Gupta, "An Approximate Analysis of Frequency Channel Assignment Schemes for Mobile Radio Communications," IEEE National Communications Conference, Washington, D.C., November 1979, pp. 9.2.1-9.2.6.
59. Abdel-Samie Mostafa and Said M. Elnoubi, "A Simple Method for the Design of an All-Pole Constant Delay Digital Filter," Proceedings of the 20th Midwest Symposium on Circuits and Systems, Lubbock, Texas, August 1977, pp. 908-912.

Papers Published in National Conferences:

1. M. Habashy, S. Elnoubi, and K. Elshennawy, "BER Closed Form for Generalized MC-DS-SS Using Q-Function Approximation, 24th National Radio Science Conference, 2005. NRSC 2007, March 13-15, 2007, pp. C28 1-8.
2. Abdel Awal Hashem, S. Elnoubi, and H. Elmikati, "Error Rate Performance of MC-DS-SS System with Multiple Receive Antennas in Nakagami-m Fading Channel, 24th National Radio Science Conference, 2005. NRSC 2007, March 13-15, 2007, pp. C33 1-8.
3. W. Mesbah, S. Elnoubi, and M. Lotfy, "Reduced Complexity Blind Adaptive Multi-User Detection, 24th National Radio Science Conference, 2005. NRSC 2007, March 13-15, 2007, pp. C2 1-8.
4. Mohammed Heakle, Mohab mangoud, and Said Elnoubi, "LMS Beamforming Using Pre and Post Processing for OFDM Communication System," 24th National Radio Science Conference, 2005. NRSC 2007, March 13-15, 2007, pp. B2 1-7.
5. Hashem, S. Elnoubi, H. Elmikati, "Performance of MC-SS systems in Nakagami-m equivalent single-path fading channel," 22nd National Radio Science Conference, 2005. NRSC 2005, March 15-17, 2005 Page(s):419 – 430

6. Abdullah, A., Elnoubi, S., Banna, M.E., Nasr, M. , "Implementation of multi-user detection for DS_CDMA communications," 22nd National Radio Science Conference, 2005. NRSC 2005, March 15-17, 2005 pp. 403 - 410
7. S. Elnoubi, S. Abou Chahine and H. Abdallah, "BER Performance of GMSK in Nakagami Fading Channels," 21st National Radio Conference, Cairo, March 2004, pp. C13 1-8
8. Said Elnoubi, Amr Mokhtar, and Waleed El-Masry, "Performance Improvement of DS CDMA Systems in Fading Channels Using Turbo codes," 21st National Radio Conference, Cairo, March 2004, pp. C14 1-8.
9. S. Elnoubi and Ahmad Elshinnawy, "New Closed Form Expressions for the Bit Error Rate (BER) of MC-CDMA Systems in Generalized Nakagami-m Fading Channels, 21st National Radio Conference, Cairo, March 2004, pp. C15 1-8.
10. Nourhan el Beheiry, Said Elnoubi and Mona Lotfy, "Performance Improvement of Video Transmission in Fast Fading Channel Using Error Concealment Technique," 21st National Radio Conference, Cairo, March 2004, pp. C24 1-8
11. S. Elnoubi, M. Nasr, and E. Gemeay, "Performance Analysis-by-Synthesis of Low-Bit Rate Speech Coders in Mobile Radio Channel," Nineteenth National Radio Conference, Alexandria, March 2002, pp. 363-371.
12. Mostafa El-Khamy, said Elnoubi, and Onsy Abdel Alim, "Centralized Adaptive MMSE Detectors for Multirate DS-CDMA in Multipath Fading Channels," Nineteenth National Radio Conference, Alexandria, March 2002, pp. 380-388.
13. Said Elnoubi and Abel Awal Hashem, "Performance of CDMA Systems in Nakagami Fading Channels," Eighteenth National Radio Science Conference, Mansoura, March 2001, pp. 217-224.
14. Ayman Abu Radi, Said M. Elnoubi, and Ayda El-Shafei, "Wideband Measurements and Modeling of the indoor Radio Channel at 10 GHz. Part I: Frequency Domain Analysis," Fifteenth National Radio Conference, Cairo, Egypt, Feb 1998, pp. B13 1-8.
15. Ayman Abu Radi, Said M. Elnoubi, and Ayda El-Shafei, "Wideband Measurements and Modeling of the indoor Radio Channel at 10 GHz. Part II: Time Domain Analysis," Fifteenth National Radio Conference, Cairo, Egypt, Feb 1998, pp. B14 1-8.