

## Reference

of the applicant for the academic title of associate professor in the scientific direction (specialty) 20200-Electrical engineering, electronics, information technology (Classifier of scientific directions approved by the Order of the Minister of Education and Science of the Republic of Kazakhstan, dated August 05, 2021, No. 386)

1	First name, surname (if any)	<b>Kuttybayeva Ainur Ermekkalievna</b>
2	Academic degree (Candidate of Sciences, Doctor of Sciences, Doctor of Philosophy (PhD), Doctor of profile) or academic degree of Doctor of Philosophy (PhD), Doctor of profile or degree of Doctor of Philosophy (PhD), Doctor of profile, date of award	Candidate of Economic Sciences, SC No. 0003390 from 22.09.2009, protocol No. 7, decision of the Committee for control in the field of education and science of the Ministry of Education and Science of the Republic of Kazakhstan.
3	Academic title, date of award	No
4	Honorary title, date of award	Title holder «The best university teacher» 2023, the Ministry of Education and Science of the Republic of Kazakhstan
5	Position (date and number of the appointment order)	Acting Associate Professor of the Department of Radio Engineering, Electronics and Telecommunications:(From September 02, 2014 to August 31, 2014, order No. 1117 1 / s, dated 09/02/2014; From September 01, 2015 to august 21, 2016, order No. 1117 1/s, dated 09/02/2014);  Associate Professor of the Department of Electronics, Telecommunications and Space Technologies (From September 01, 2023 to until now, order No. 1651 1 / s dated 07. 08. 2023)
6	Experience of scientific, scientific and pedagogical activity	Research and pedagogical experience - 18 years. Research and pedagogical experience since defending his dissertation - 15 years, including 2 years of continuous experience as Acting Associate Professor.
7	Number of scientific articles after defending a dissertation /obtaining the academic title of associate professor (associate professor)	The total number of published works since the dissertation is 41. Including: - in international peer-reviewed scientific journals included in the Scopus and Web of Science databases – 4; including 3 publications over the 35 <sup>th</sup> percentile for 2023; - in publications recommended by the Committee for Quality Assurance in the field of science and higher education of the Ministry of Science and Higher Education of the Republic of Kazakhstan – 21; - in other scientific journals and publications (Republican and international conferences, etc.) - 16; The number of patents – 6. The Hirsch index – h: Scopus – 2; Google Scholar - 1, RSCI – 1.
8	The number of monographs, textbooks, single-handedly written educational (teaching and methodological) manuals published over the past 5 years	Monographs: 1) sole authorship «Оптикалық байланыс жүйелері», volume 9,6. From 16.03.2023; 2) sole authorship «Оптикалық материалдар», volume 12,4. From 08.12.2023.

