

To whom it may concern

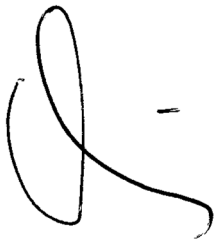
Starnberg, December 21 2019

**Internship Masterstudent Muhammad Farhan**

Mr. Muhammad Farhan has been with rf innovation since August 15 2019 as a working student and intern with his contract ending December 31<sup>st</sup> 2019

His main assignment has been development of test bench control software using National Instrument's programming language "Labview". Mr. Farhan created two different programs controlling various pieces of RF test equipment like Rohde&Schwarz network analyzer, Maury Microwave load pull tuner, Marconi RF signal generators and HP DC supplies. All software was completed and is in use at rf innovation.

Further on, Mr. Farhan started working with Keysight's circuit design software "ADS". He did first steps towards designing RF matching circuits of amplifiers using bipolar transistors.

A handwritten signature in black ink, consisting of a stylized 'T' followed by a horizontal line and a small flourish.

Thomas Meier