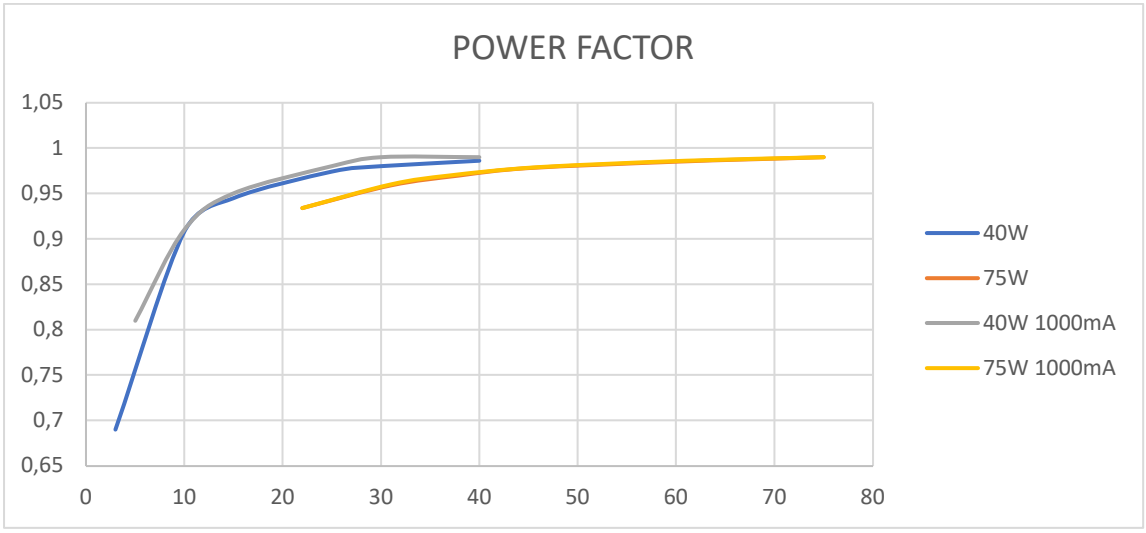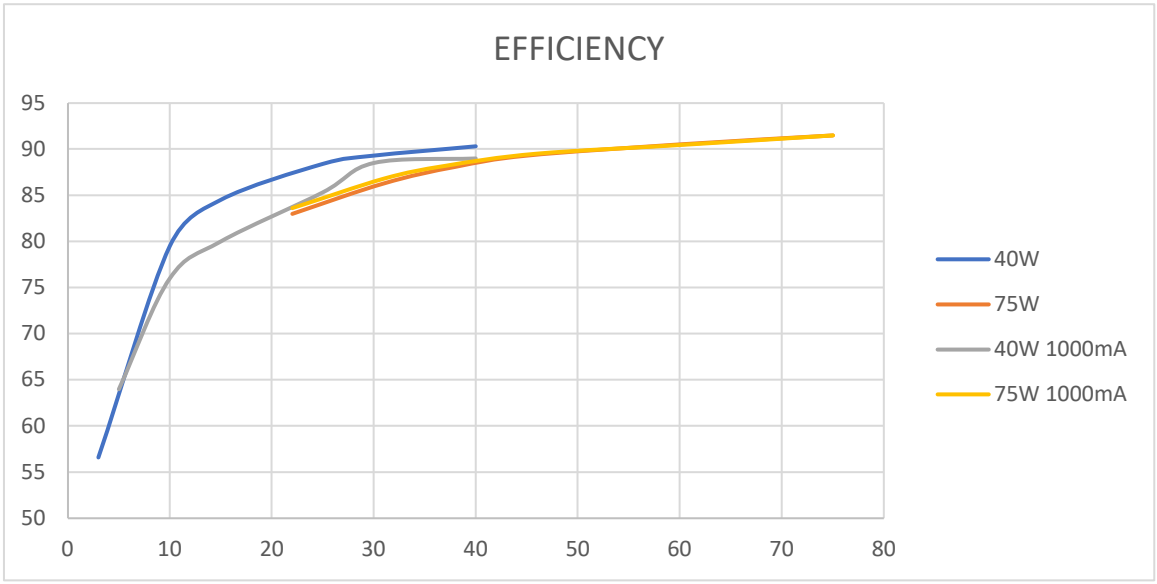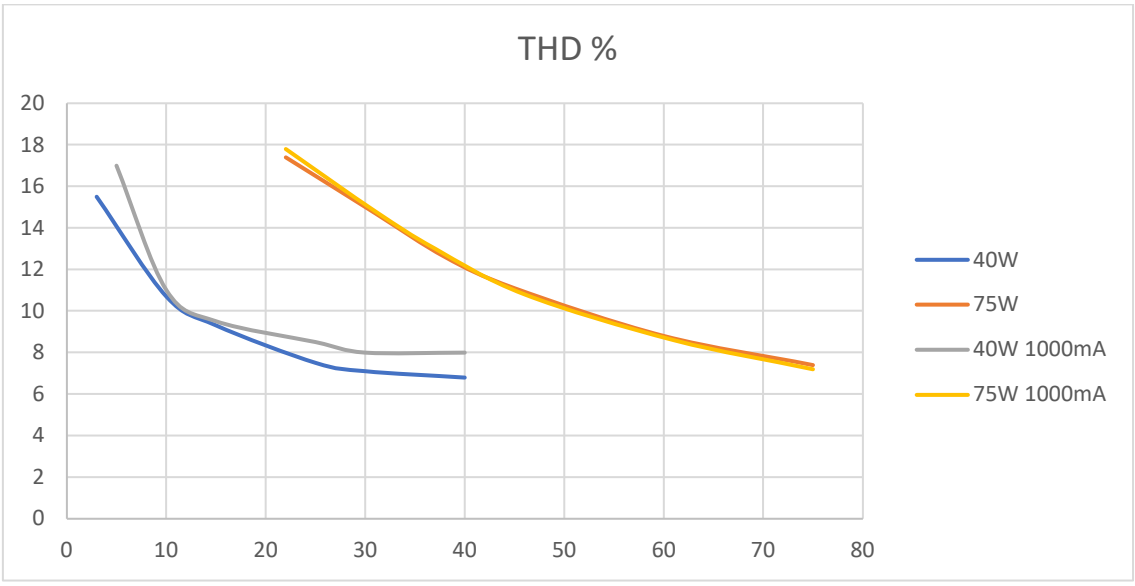PERFORMANCE GRAPHS