

List of Tables

Table 2. 1: Frequencies of diagnostic combinations (Phi correlation) 19

Table 3. 1: Measurement using the proposed technique and corresponding error 57

Table 4. 1: Measurement of static magnetic field 80

Table 4. 2: Measurement of alternating magnetic fields at 0.5 Hz 82

Table 4. 3: Measurement of alternating magnetic fields at 1 Hz 83