

LIST OF TABLES

TABLE 2. 1 PRODUCT SPECIFICATIONS	7
TABLE 2. 2 RECOMMENDED VIDEO BITRATE FOR SDR DOWNLOAD [10]	9
TABLE 2. 3 NETWORK WORKING STANDARDS BASED ON DELAY (TIPHON) [13].....	10
TABLE 2. 4 NETWORK WORKING STANDARDS BASED ON JITTER (TIPHON) [13].....	10
TABLE 2. 5 TARGET SIGNAL STRENGTH AP [14].....	12
TABLE 2. 6 QOS PARAMETER TARGETS THROUGHPUT, DELAY, AND JITTER	13
TABLE 3. 1 QUALITATIVE ASSESSMENT	18
TABLE 3. 2 QUANTITATIVE ASSESSMENT	19
TABLE 4. 1 OPENWIFI PORT	30
TABLE 4. 2 COMPARISON BEFORE AND AFTER QOS CONFIGURATION	38
TABLE 5. 1 TESTING BEFORE QOS IMPLEMENTATION	45
TABLE 5. 2 TESTING AFTER QOS IMPLEMENTATION	46
TABLE 5. STRESS TEST RESULTS BASED ON QOS PARAMETERS THROUGHPUT, DELAY, AND JITTER	54
TABLE 5. AVERAGE BANDWIDTH OF 10, 15, AND 20 USER/DEVICE TEST GRAPHS	56