

## 10.4. Test result

| Test Mode  | Antenna | Frequency [MHz] | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] |
|------------|---------|-----------------|----------------------------|--------------------------|----------------|
| 11B        | Ant1    | 2412            | 8.40                       | 8.47                     | 99.17          |
|            | Ant2    | 2412            | 8.40                       | 8.46                     | 99.29          |
|            | Ant3    | 2412            | 8.40                       | 8.47                     | 99.17          |
|            | Ant4    | 2412            | 8.38                       | 8.46                     | 99.05          |
|            | Ant1    | 2437            | 8.39                       | 8.46                     | 99.17          |
|            | Ant2    | 2437            | 8.39                       | 8.47                     | 99.06          |
|            | Ant3    | 2437            | 8.40                       | 8.48                     | 99.06          |
|            | Ant4    | 2437            | 8.39                       | 8.46                     | 99.17          |
|            | Ant1    | 2462            | 8.40                       | 8.48                     | 99.06          |
|            | Ant2    | 2462            | 8.40                       | 8.47                     | 99.17          |
|            | Ant3    | 2462            | 8.40                       | 8.47                     | 99.17          |
|            | Ant4    | 2462            | 8.38                       | 8.46                     | 99.05          |
| 11G-CDD    | Ant1    | 2412            | 1.39                       | 1.45                     | 95.86          |
|            | Ant2    | 2412            | 1.40                       | 1.46                     | 95.89          |
|            | Ant3    | 2412            | 1.40                       | 1.46                     | 95.89          |
|            | Ant4    | 2412            | 1.39                       | 1.45                     | 95.86          |
|            | Ant1    | 2437            | 1.40                       | 1.46                     | 95.89          |
|            | Ant2    | 2437            | 1.39                       | 1.45                     | 95.86          |
|            | Ant3    | 2437            | 1.40                       | 1.45                     | 96.55          |
|            | Ant4    | 2437            | 1.40                       | 1.46                     | 95.89          |
|            | Ant1    | 2462            | 1.40                       | 1.45                     | 96.55          |
|            | Ant2    | 2462            | 1.39                       | 1.46                     | 95.21          |
|            | Ant3    | 2462            | 1.40                       | 1.46                     | 95.89          |
|            | Ant4    | 2462            | 1.39                       | 1.45                     | 95.86          |
| 11N20MIMO  | Ant1    | 2412            | 0.37                       | 0.43                     | 86.05          |
|            | Ant2    | 2412            | 0.37                       | 0.43                     | 86.05          |
|            | Ant3    | 2412            | 0.37                       | 0.43                     | 86.05          |
|            | Ant4    | 2412            | 0.36                       | 0.43                     | 83.72          |
|            | Ant1    | 2437            | 0.37                       | 0.43                     | 86.05          |
|            | Ant2    | 2437            | 0.36                       | 0.43                     | 83.72          |
|            | Ant3    | 2437            | 0.36                       | 0.43                     | 83.72          |
|            | Ant4    | 2437            | 0.37                       | 0.43                     | 86.05          |
|            | Ant1    | 2462            | 0.36                       | 0.43                     | 83.72          |
|            | Ant2    | 2462            | 0.36                       | 0.43                     | 83.72          |
|            | Ant3    | 2462            | 0.37                       | 0.43                     | 86.05          |
|            | Ant4    | 2462            | 0.36                       | 0.43                     | 83.72          |
| 11N40MIMO  | Ant1    | 2422            | 0.20                       | 0.26                     | 76.92          |
|            | Ant2    | 2422            | 0.20                       | 0.26                     | 76.92          |
|            | Ant3    | 2422            | 0.21                       | 0.27                     | 77.78          |
|            | Ant4    | 2422            | 0.20                       | 0.26                     | 76.92          |
|            | Ant1    | 2437            | 0.21                       | 0.27                     | 77.78          |
|            | Ant2    | 2437            | 0.20                       | 0.26                     | 76.92          |
|            | Ant3    | 2437            | 0.21                       | 0.27                     | 77.78          |
|            | Ant4    | 2437            | 0.20                       | 0.27                     | 74.07          |
|            | Ant1    | 2452            | 0.20                       | 0.27                     | 74.07          |
|            | Ant2    | 2452            | 0.20                       | 0.26                     | 76.92          |
|            | Ant3    | 2452            | 0.20                       | 0.26                     | 76.92          |
|            | Ant4    | 2452            | 0.20                       | 0.27                     | 74.07          |
| 11AX20MIMO | Ant1    | 2412            | 0.34                       | 0.41                     | 82.93          |
|            | Ant2    | 2412            | 0.35                       | 0.41                     | 85.37          |
|            | Ant3    | 2412            | 0.35                       | 0.41                     | 85.37          |
|            | Ant4    | 2412            | 0.35                       | 0.41                     | 85.37          |
|            | Ant1    | 2437            | 0.34                       | 0.41                     | 82.93          |
|            | Ant2    | 2437            | 0.34                       | 0.41                     | 82.93          |
|            | Ant3    | 2437            | 0.34                       | 0.41                     | 82.93          |
|            | Ant4    | 2437            | 0.35                       | 0.41                     | 85.37          |
|            | Ant1    | 2462            | 0.34                       | 0.41                     | 82.93          |
|            | Ant2    | 2462            | 0.35                       | 0.41                     | 85.37          |
|            | Ant3    | 2462            | 0.35                       | 0.41                     | 85.37          |
|            | Ant4    | 2462            | 0.35                       | 0.41                     | 85.37          |

|            |      |      |      |      |       |
|------------|------|------|------|------|-------|
| 11AX40MIMO | Ant1 | 2422 | 0.35 | 0.42 | 83.33 |
|            | Ant2 | 2422 | 0.35 | 0.41 | 85.37 |
|            | Ant3 | 2422 | 0.35 | 0.41 | 85.37 |
|            | Ant4 | 2422 | 0.35 | 0.41 | 85.37 |
|            | Ant1 | 2437 | 0.35 | 0.41 | 85.37 |
|            | Ant2 | 2437 | 0.35 | 0.41 | 85.37 |
|            | Ant3 | 2437 | 0.35 | 0.41 | 85.37 |
|            | Ant4 | 2437 | 0.35 | 0.41 | 85.37 |
|            | Ant1 | 2452 | 0.35 | 0.41 | 85.37 |
|            | Ant2 | 2452 | 0.35 | 0.41 | 85.37 |
|            | Ant3 | 2452 | 0.35 | 0.41 | 85.37 |
|            | Ant4 | 2452 | 0.36 | 0.42 | 85.71 |
| 11BE20MIMO | Ant1 | 2412 | 0.35 | 0.42 | 83.33 |
|            | Ant2 | 2412 | 0.35 | 0.41 | 85.37 |
|            | Ant3 | 2412 | 0.35 | 0.41 | 85.37 |
|            | Ant4 | 2412 | 0.36 | 0.42 | 85.71 |
|            | Ant1 | 2437 | 0.35 | 0.42 | 83.33 |
|            | Ant2 | 2437 | 0.35 | 0.42 | 83.33 |
|            | Ant3 | 2437 | 0.35 | 0.42 | 83.33 |
|            | Ant4 | 2437 | 0.35 | 0.42 | 83.33 |
|            | Ant1 | 2462 | 0.36 | 0.42 | 85.71 |
|            | Ant2 | 2462 | 0.35 | 0.41 | 85.37 |
|            | Ant3 | 2462 | 0.35 | 0.41 | 85.37 |
|            | Ant4 | 2462 | 0.35 | 0.42 | 83.33 |
| 11BE40MIMO | Ant1 | 2422 | 0.36 | 0.42 | 85.71 |
|            | Ant2 | 2422 | 0.36 | 0.42 | 85.71 |
|            | Ant3 | 2422 | 0.36 | 0.42 | 85.71 |
|            | Ant4 | 2422 | 0.36 | 0.42 | 85.71 |
|            | Ant1 | 2437 | 0.36 | 0.42 | 85.71 |
|            | Ant2 | 2437 | 0.36 | 0.43 | 83.72 |
|            | Ant3 | 2437 | 0.35 | 0.42 | 83.33 |
|            | Ant4 | 2437 | 0.36 | 0.42 | 85.71 |
|            | Ant1 | 2452 | 0.36 | 0.42 | 85.71 |
|            | Ant2 | 2452 | 0.35 | 0.42 | 83.33 |
|            | Ant3 | 2452 | 0.35 | 0.42 | 83.33 |
|            | Ant4 | 2452 | 0.36 | 0.42 | 85.71 |

## 10.5. Test graphs























































