



## Appendix for test report

## Appendix A: DTS(6 dB) Bandwidth

### Test Result

| TestMode  | Antenna | Channel | DTS BW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|-----------|---------|---------|--------------|----------|----------|------------|---------|
| 11B       | Ant1    | 2412    | 8.160        | 2407.920 | 2416.080 | $\geq 0.5$ | PASS    |
|           |         | 2437    | 8.160        | 2432.920 | 2441.080 | $\geq 0.5$ | PASS    |
|           |         | 2462    | 9.120        | 2457.440 | 2466.560 | $\geq 0.5$ | PASS    |
| 11G       | Ant1    | 2412    | 15.160       | 2405.040 | 2420.200 | $\geq 0.5$ | PASS    |
|           |         | 2437    | 16.080       | 2428.840 | 2444.920 | $\geq 0.5$ | PASS    |
|           |         | 2462    | 15.360       | 2454.240 | 2469.600 | $\geq 0.5$ | PASS    |
| 11N20SISO | Ant1    | 2412    | 15.920       | 2404.520 | 2420.440 | $\geq 0.5$ | PASS    |
|           |         | 2437    | 15.120       | 2429.400 | 2444.520 | $\geq 0.5$ | PASS    |
|           |         | 2462    | 16.400       | 2454.080 | 2470.480 | $\geq 0.5$ | PASS    |
| 11N40SISO | Ant1    | 2422    | 35.200       | 2404.400 | 2439.600 | $\geq 0.5$ | PASS    |
|           |         | 2437    | 35.200       | 2419.400 | 2454.600 | $\geq 0.5$ | PASS    |
|           |         | 2452    | 35.200       | 2434.400 | 2469.600 | $\geq 0.5$ | PASS    |



## Test Graphs

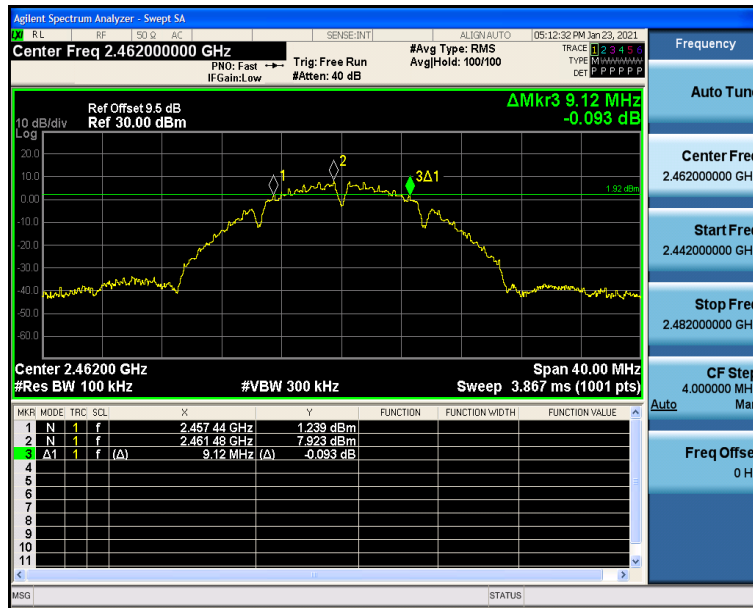
11B\_Ant1\_2412



11B\_Ant1\_2437



11B\_Ant1\_2462



11G\_Ant1\_2412



11G\_Ant1\_2437



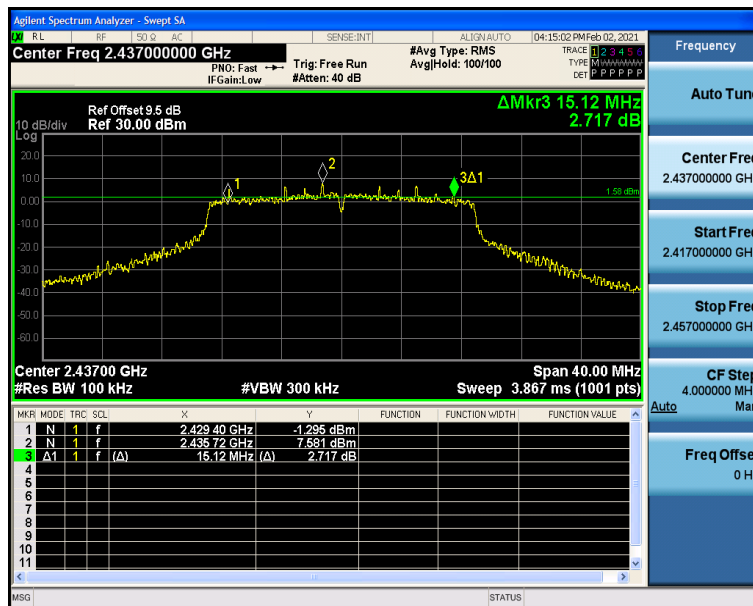
11G\_Ant1\_2462



11N20SISO\_Ant1\_2412



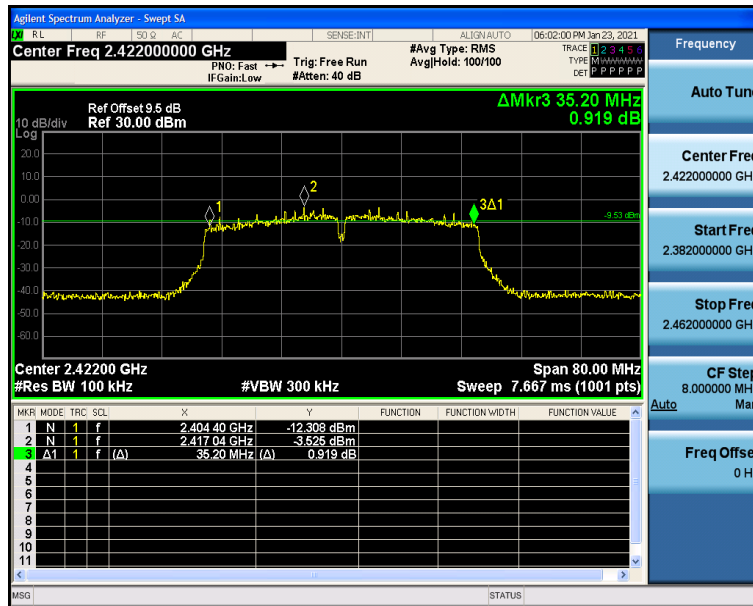
11N20SISO\_Ant1\_2437



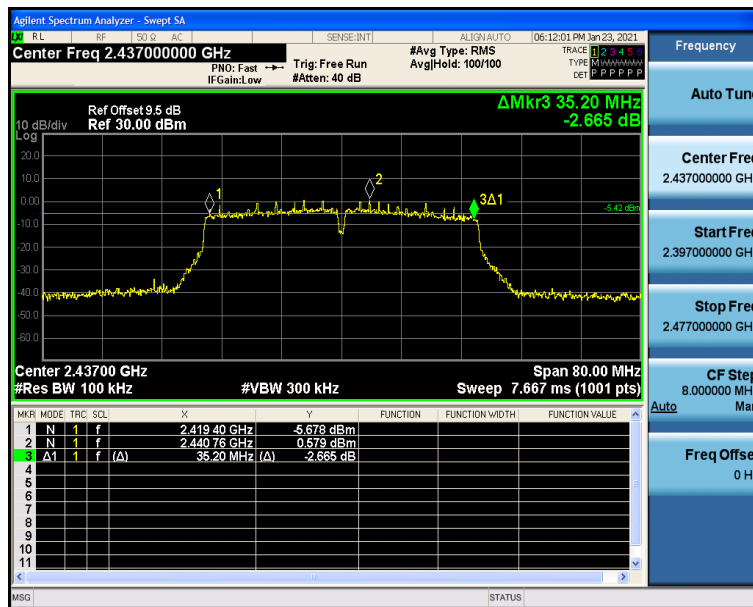
11N20SISO\_Ant1\_2462



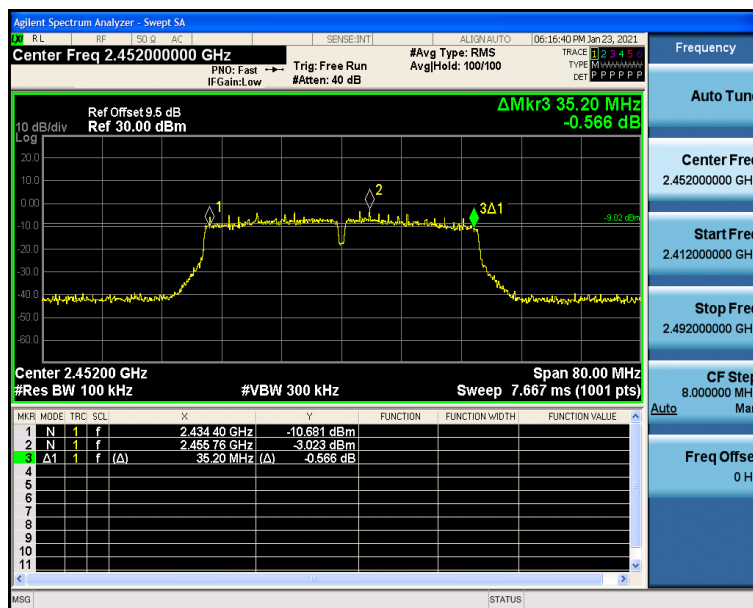
11N40SISO\_Ant1\_2422



11N40SISO\_Ant1\_2437



## 11N40SISO\_Ant1\_2452



## Appendix B: Occupied Channel Bandwidth

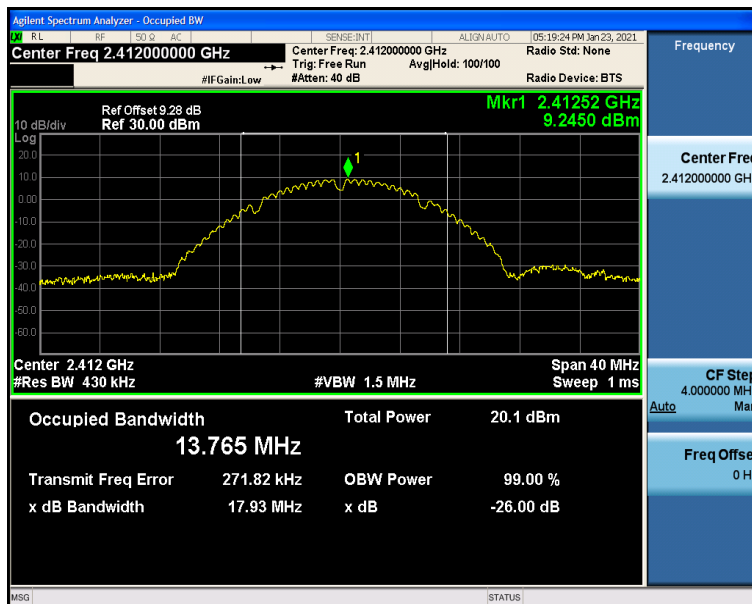
### Test Result

| TestMode  | Antenna | Channel | OCB [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|-----------|---------|---------|-----------|----------|----------|------------|---------|
| 11B       | Ant1    | 2412    | 13.765    | 2405.389 | 2419.154 | ---        | PASS    |
|           |         | 2437    | 13.879    | 2430.065 | 2443.944 | ---        | PASS    |
|           |         | 2462    | 13.756    | 2455.123 | 2468.879 | ---        | PASS    |
| 11G       | Ant1    | 2412    | 16.748    | 2403.785 | 2420.533 | ---        | PASS    |
|           |         | 2437    | 16.845    | 2428.562 | 2445.407 | ---        | PASS    |
|           |         | 2462    | 16.812    | 2453.578 | 2470.390 | ---        | PASS    |
| 11N20SISO | Ant1    | 2412    | 17.971    | 2403.192 | 2421.163 | ---        | PASS    |
|           |         | 2437    | 17.992    | 2427.976 | 2445.968 | ---        | PASS    |
|           |         | 2462    | 17.920    | 2453.012 | 2470.932 | ---        | PASS    |
| 11N40SISO | Ant1    | 2422    | 36.047    | 2404.142 | 2440.189 | ---        | PASS    |
|           |         | 2437    | 36.229    | 2418.904 | 2455.133 | ---        | PASS    |
|           |         | 2452    | 36.197    | 2433.893 | 2470.090 | ---        | PASS    |

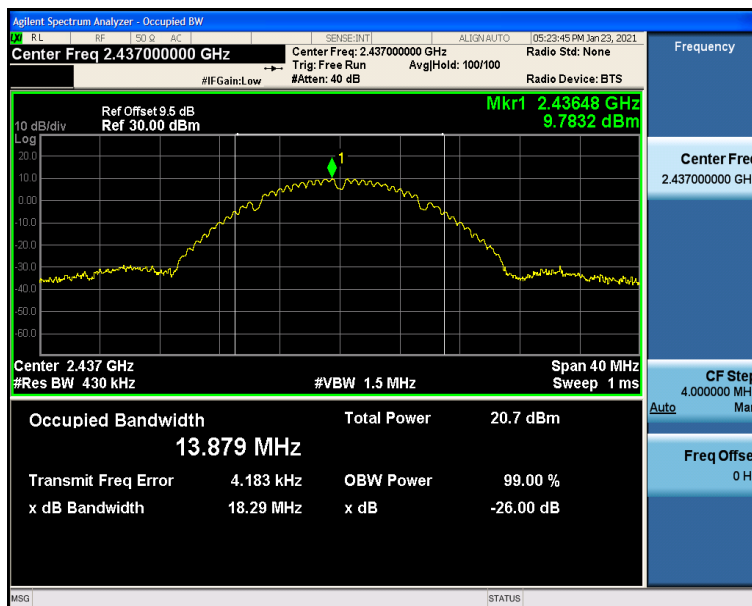


## Test Graphs

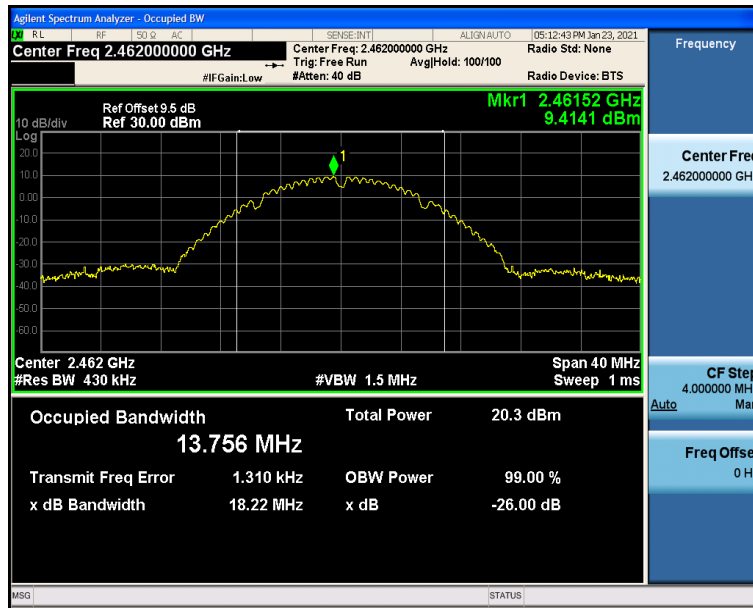
11B\_Ant1\_2412



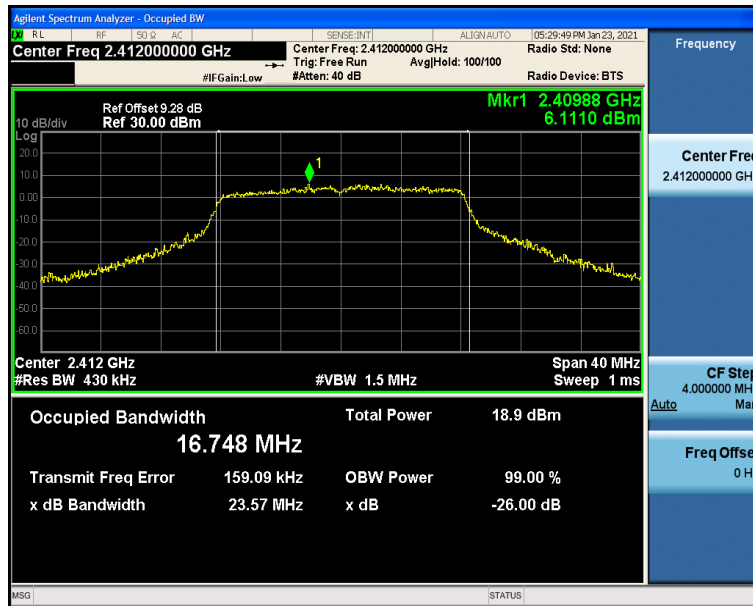
11B\_Ant1\_2437



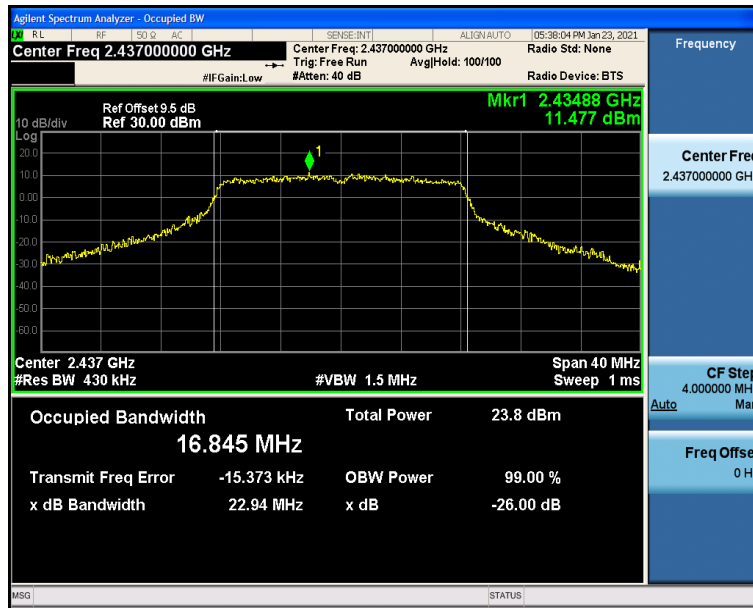
11B\_Ant1\_2462



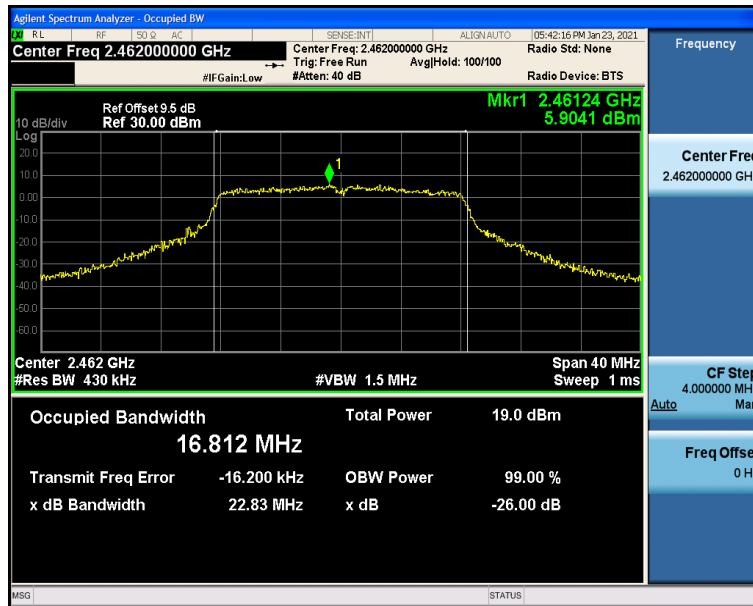
11G\_Ant1\_2412



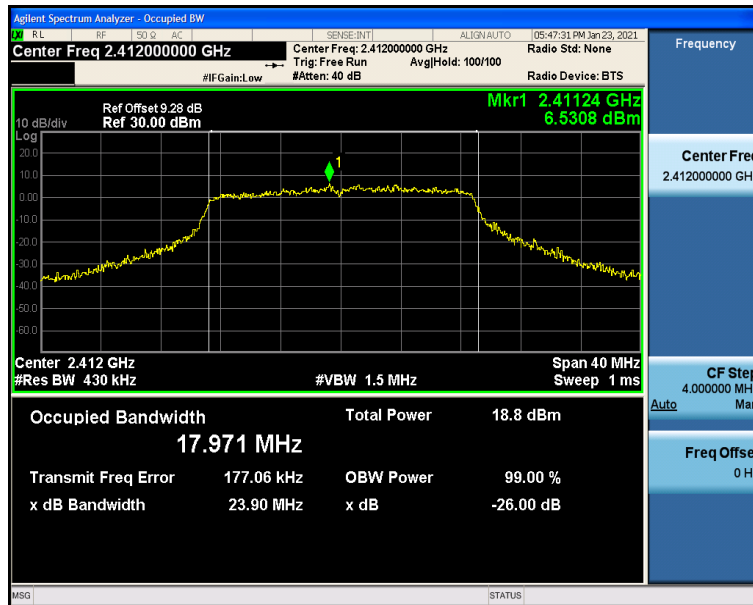
11G\_Ant1\_2437



11G\_Ant1\_2462



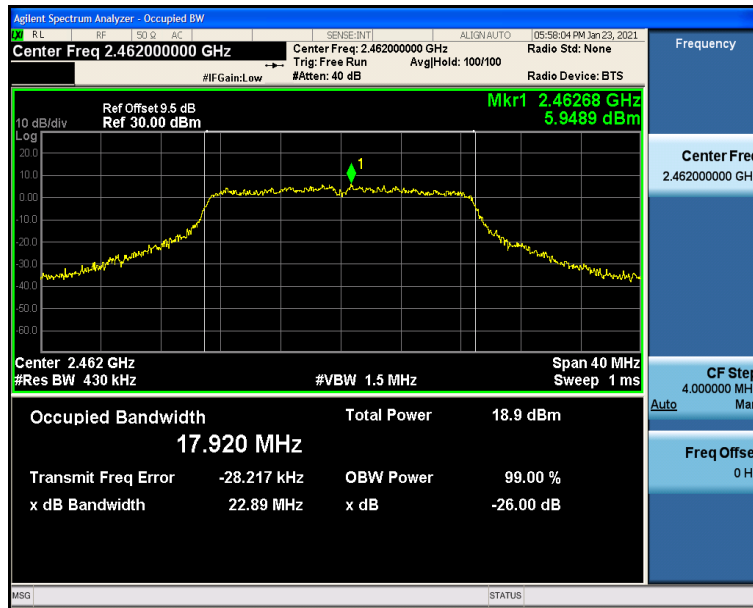
11N20SISO\_Ant1\_2412



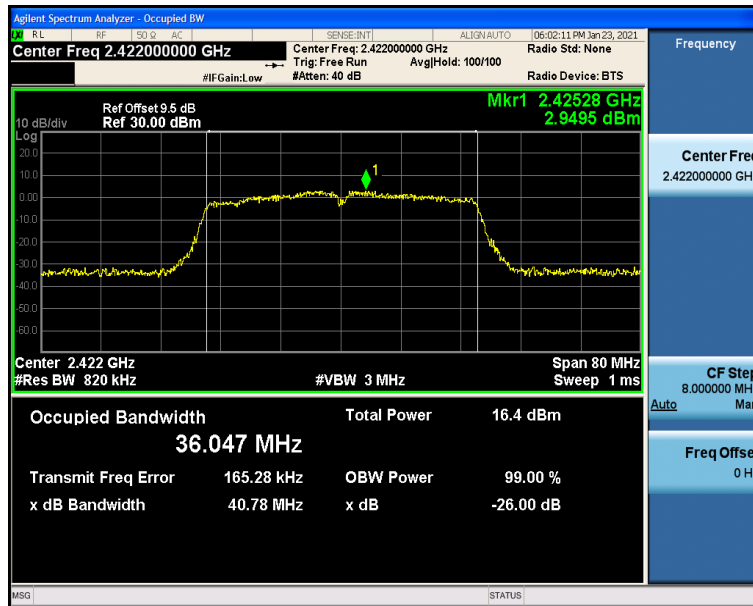
11N20SISO\_Ant1\_2437



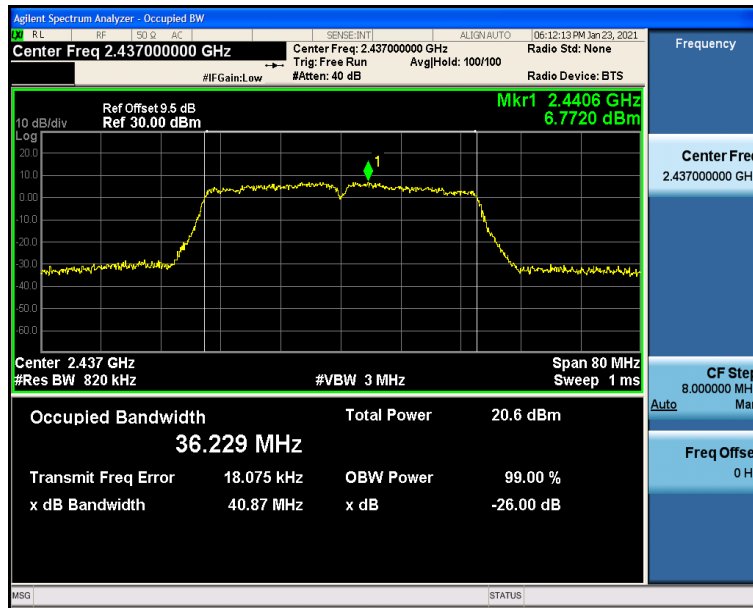
11N20SISO\_Ant1\_2462



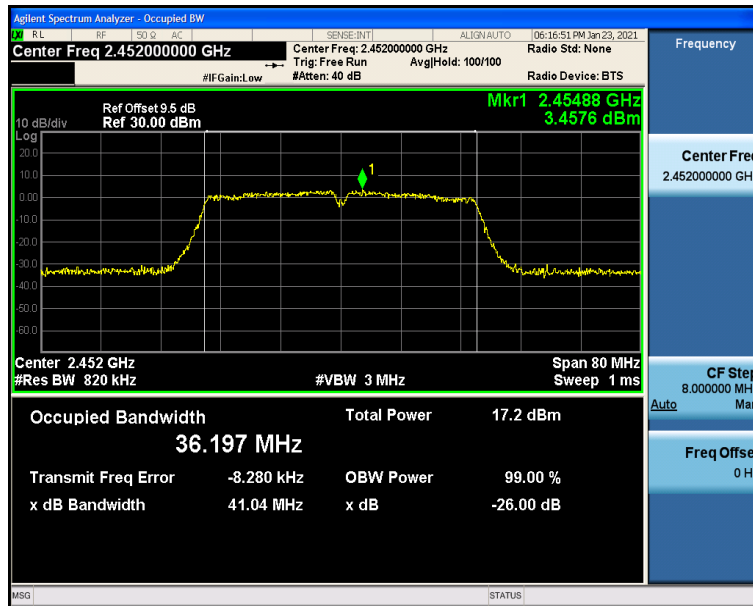
11N40SISO\_Ant1\_2422



11N40SISO\_Ant1\_2437



## 11N40SISO\_Ant1\_2452



## Appendix C: Duty Cycle

### Test Result

| TestMode  | Antenna | Channel | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] | Limit | Verdict |
|-----------|---------|---------|----------------------------|--------------------------|----------------|-------|---------|
| 11B       | Ant1    | 2412    | 12.42                      | 12.61                    | 98.53          | ---   | PASS    |
|           |         | 2437    | 12.43                      | 12.60                    | 98.63          | ---   | PASS    |
|           |         | 2462    | 12.43                      | 12.59                    | 98.71          | ---   | PASS    |
| 11G       | Ant1    | 2412    | 2.06                       | 2.10                     | 98.13          | ---   | PASS    |
|           |         | 2437    | 2.06                       | 2.10                     | 98.13          | ---   | PASS    |
|           |         | 2462    | 2.06                       | 2.10                     | 98.13          | ---   | PASS    |
| 11N20SISO | Ant1    | 2412    | 1.92                       | 1.96                     | 98.00          | ---   | PASS    |
|           |         | 2437    | 1.92                       | 1.96                     | 98.00          | ---   | PASS    |
|           |         | 2462    | 1.92                       | 1.96                     | 98.00          | ---   | PASS    |
| 11N40SISO | Ant1    | 2422    | 0.95                       | 1.00                     | 94.80          | ---   | PASS    |
|           |         | 2437    | 0.95                       | 1.00                     | 94.80          | ---   | PASS    |
|           |         | 2452    | 0.95                       | 1.00                     | 94.80          | ---   | PASS    |