

## Appendix: 2.4G DTS

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Appendix A: DTS Bandwidth

Test Result

| Test Mode | Antenna | Frequency[MHz] | DTS BW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|-----------|---------|----------------|--------------|----------|----------|------------|---------|
| TX        | Ant1    | 2466           | 0.542        | 2465.716 | 2466.258 | 0.5        | PASS    |
|           |         | 2473           | 0.544        | 2472.716 | 2473.260 | 0.5        | PASS    |
|           |         | 2480           | 0.542        | 2479.718 | 2480.260 | 0.5        | PASS    |

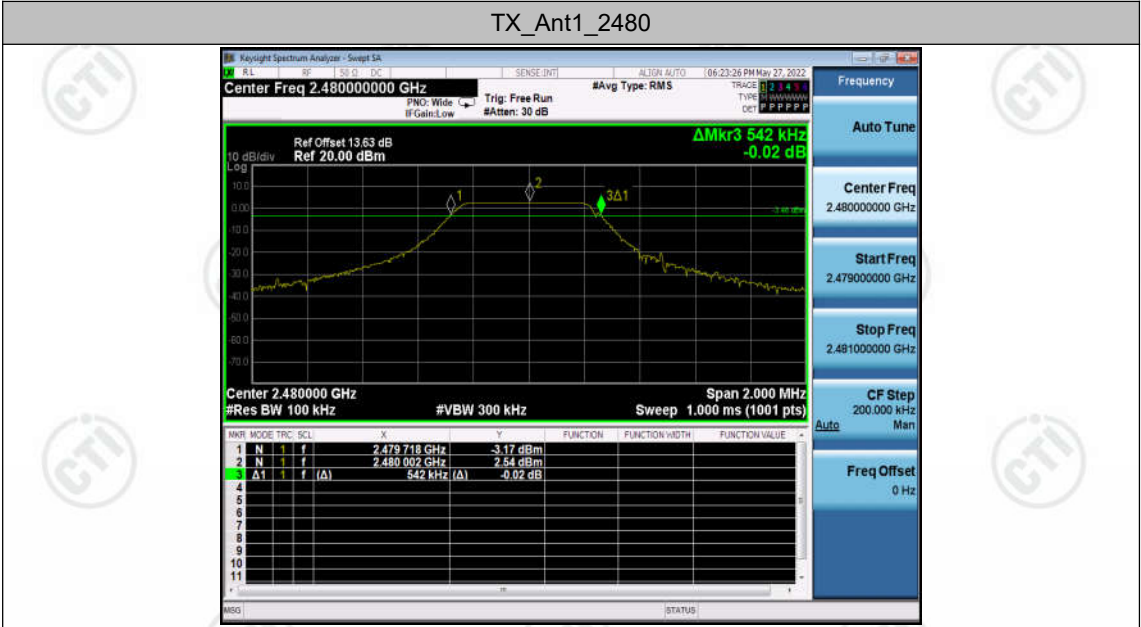
## Test Graphs

TX\_Ant1\_2466



TX\_Ant1\_2473





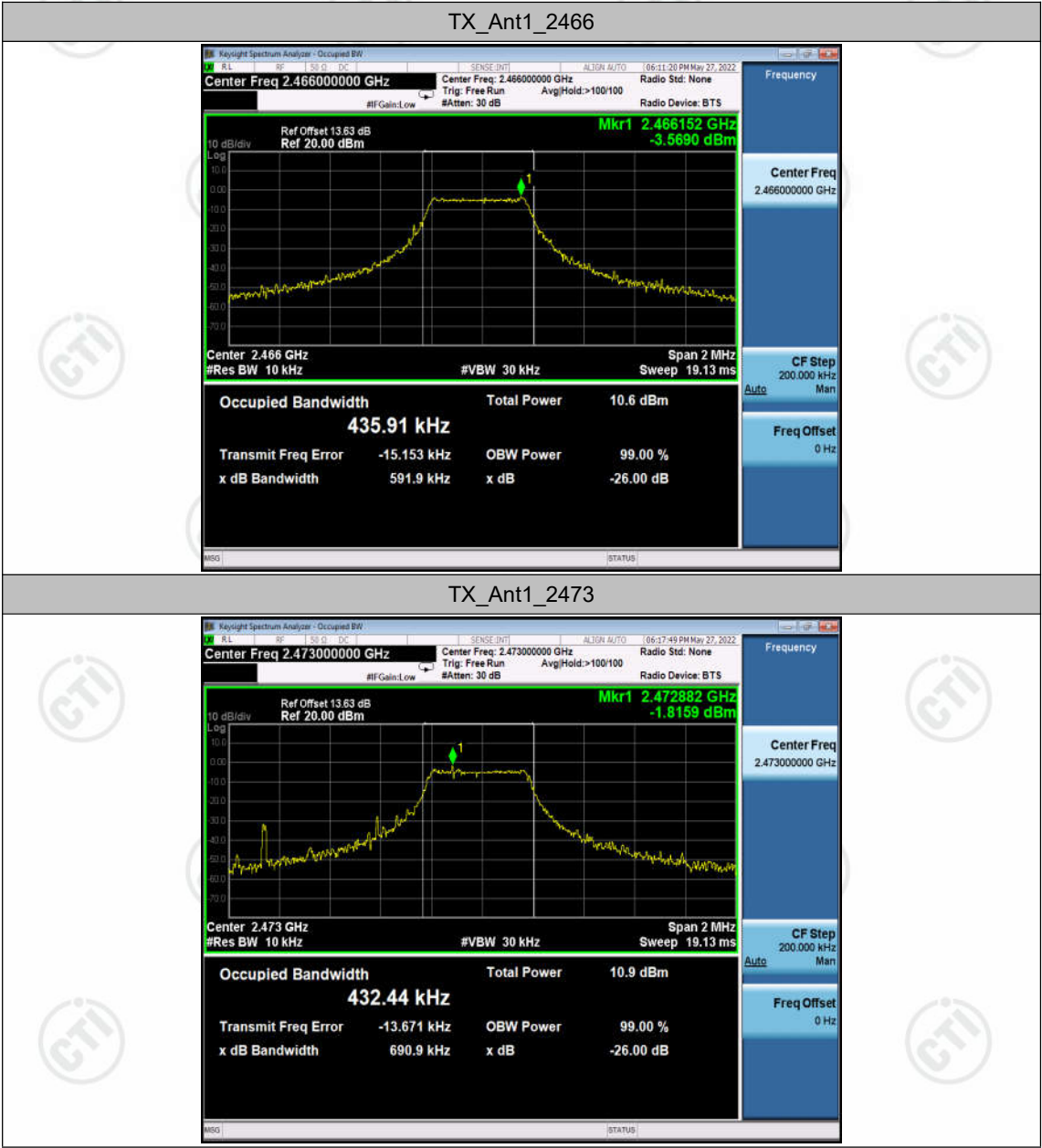
Appendix B: Occupied Channel Bandwidth

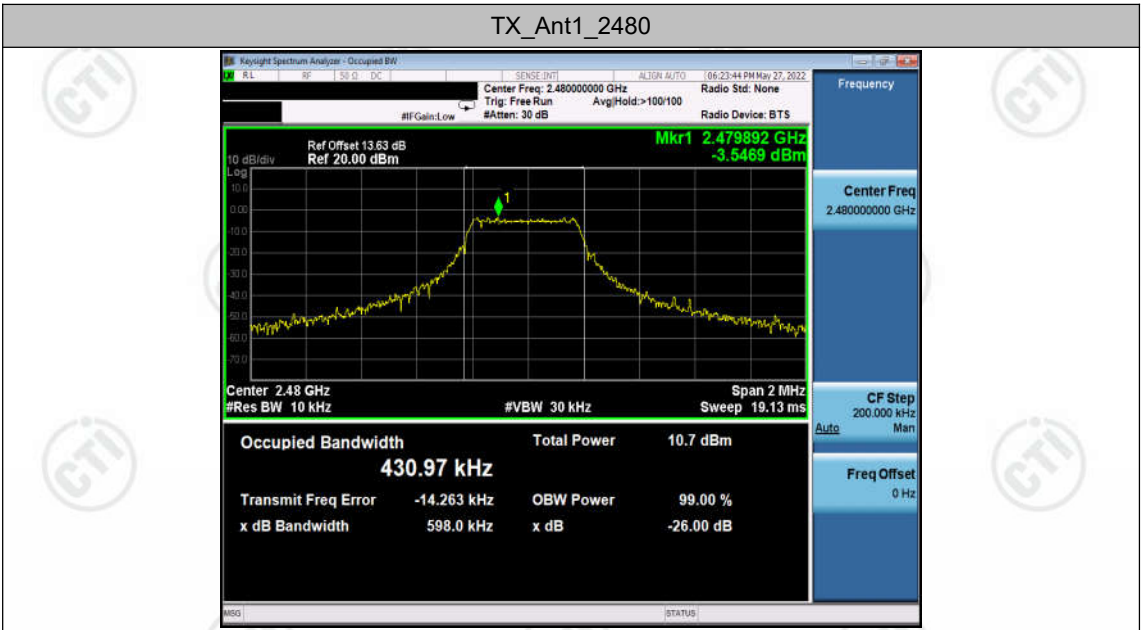
Test Result

| Test Mode | Antenna | Frequency[MHz] | OCB [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|-----------|---------|----------------|-----------|----------|----------|------------|---------|
| TX        | Ant1    | 2466           | 0.43588   | 2465.767 | 2466.203 | ---        | ---     |
|           |         | 2473           | 0.43172   | 2472.771 | 2473.202 | ---        | ---     |
|           |         | 2480           | 0.43104   | 2479.770 | 2480.201 | ---        | ---     |



Test Graphs





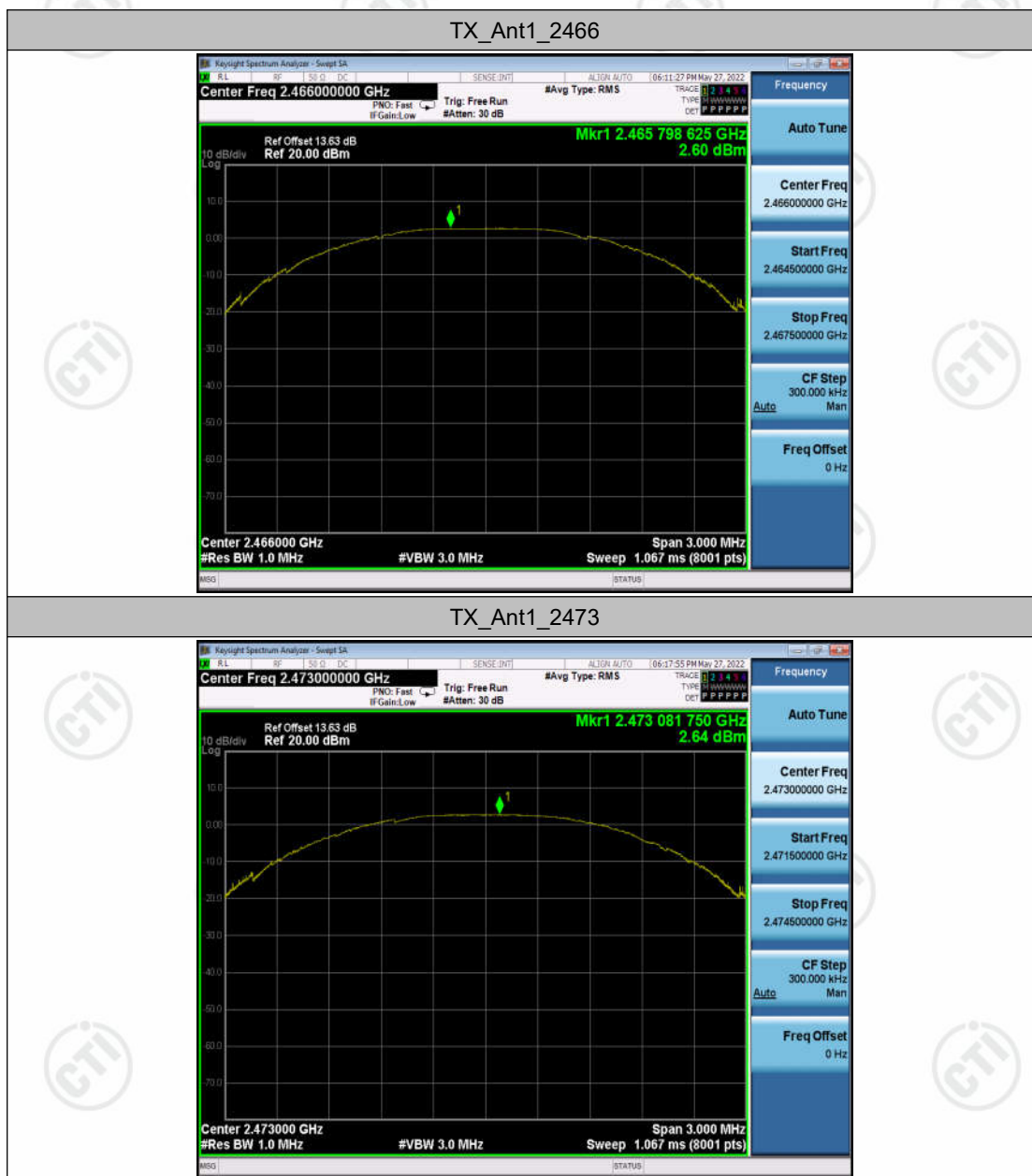


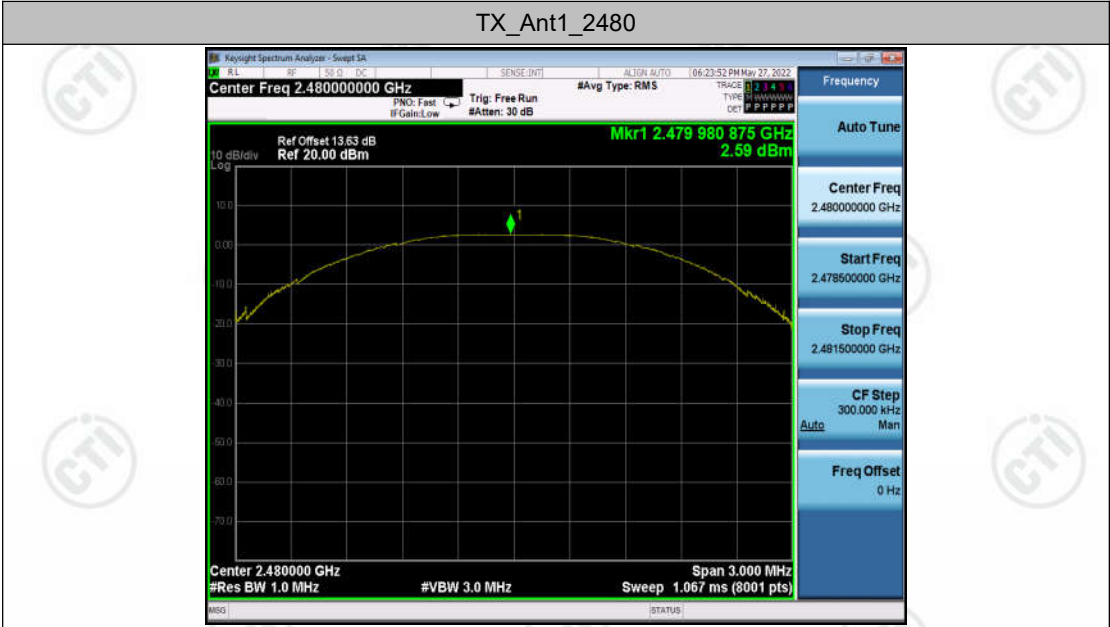
## Appendix C: Maximum conducted output power

### Test Result Peak

| Test Mode | Antenna | Channel | Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|---------|-------------|------------|---------|
| TX        | Ant1    | 2466    | 2.60        | ≤30        | PASS    |
|           |         | 2473    | 2.64        | ≤30        | PASS    |
|           |         | 2480    | 2.59        | ≤30        | PASS    |

### Test Graphs Peak



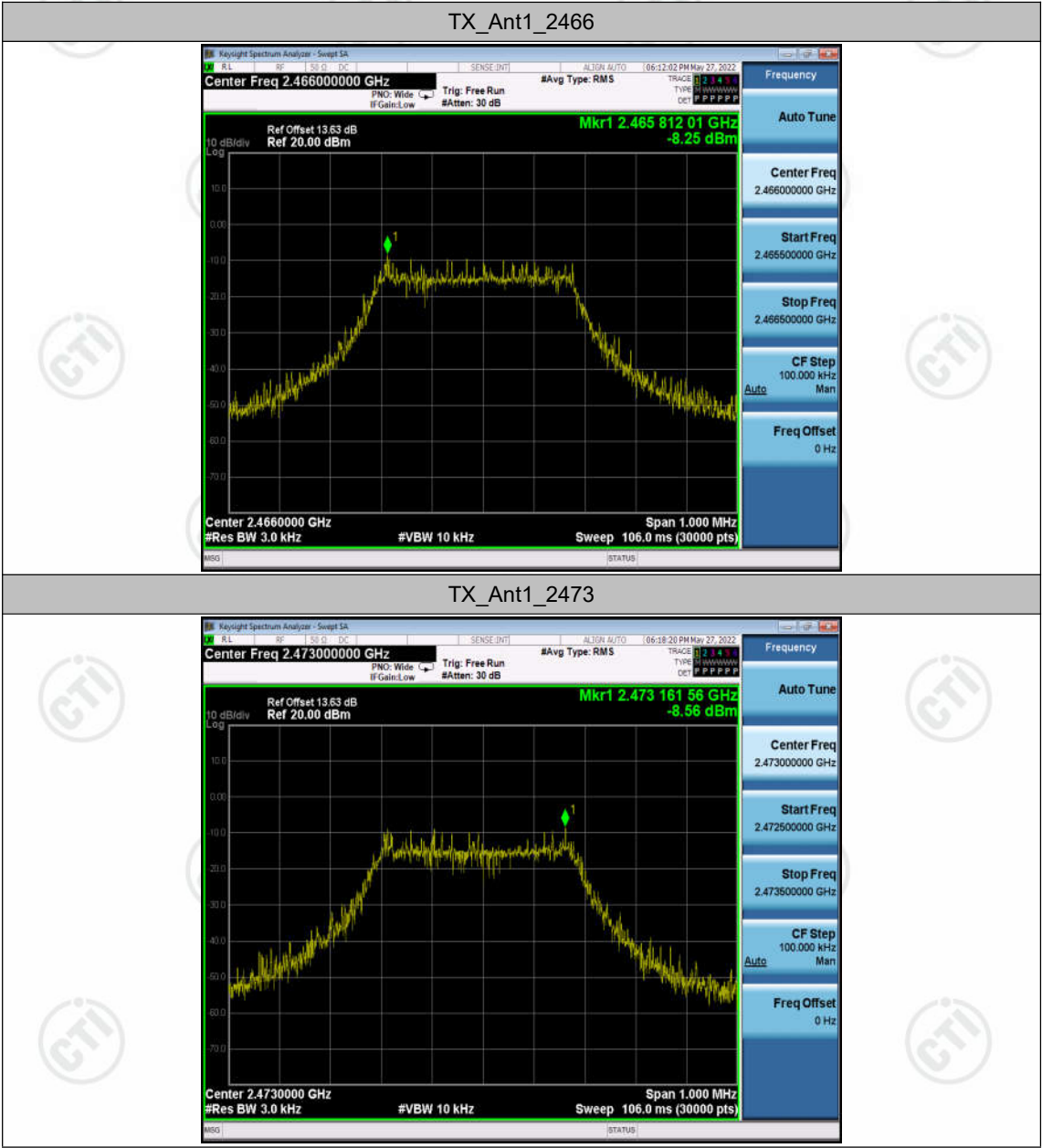


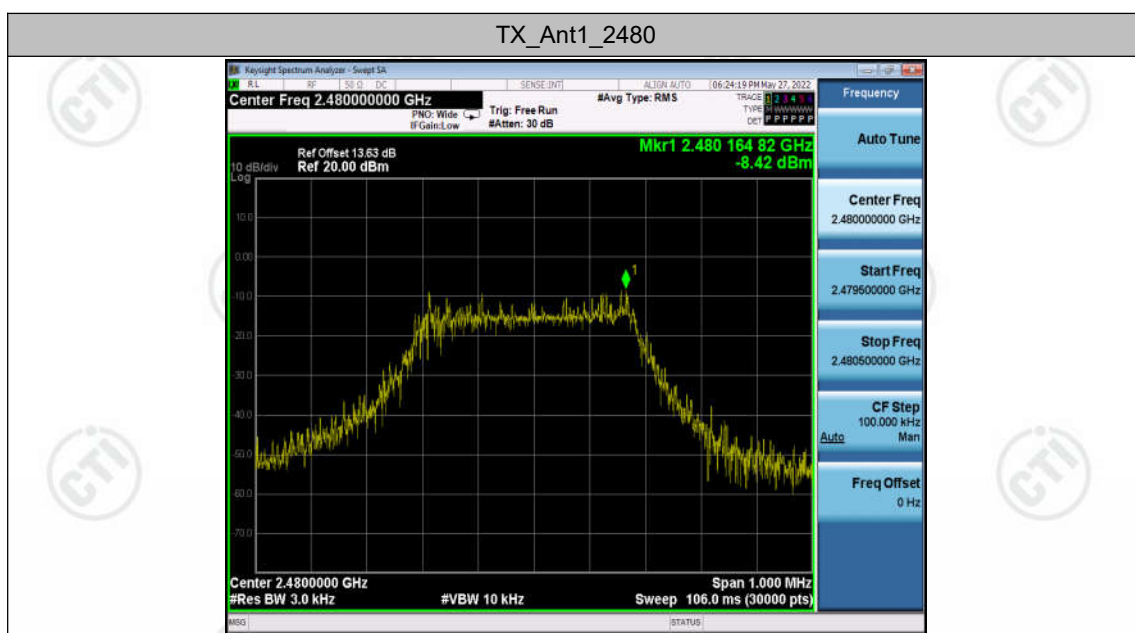
Appendix D: Maximum power spectral density

Test Result

| Test Mode | Antenna | Frequency[MHz] | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|-----------|---------|----------------|------------------|-----------------|---------|
| TX        | Ant1    | 2466           | -8.25            | ≤8.00           | PASS    |
|           |         | 2473           | -8.56            | ≤8.00           | PASS    |
|           |         | 2480           | -8.42            | ≤8.00           | PASS    |

Test Graphs





Appendix E: Band edge measurements

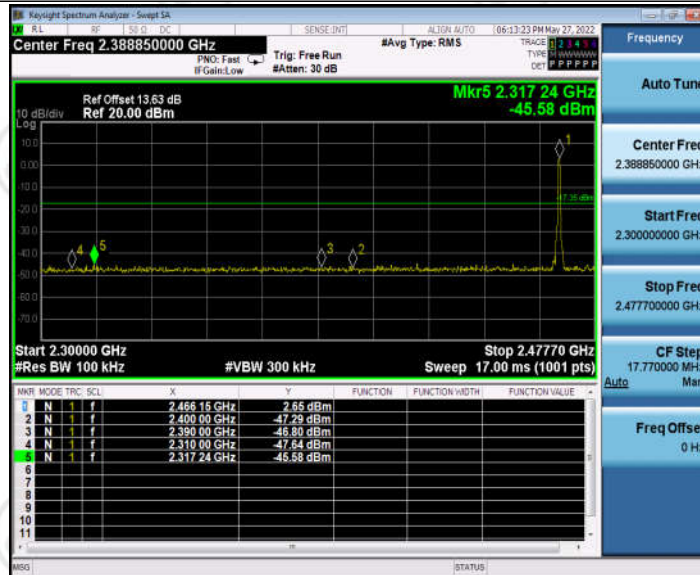
Test Result

| Test Mode | Antenna | ChName | Frequency [MHz] | RefLevel[dBm ] | Result[dBm ] | Limit[dBm ] | Verdict |
|-----------|---------|--------|-----------------|----------------|--------------|-------------|---------|
| TX        | Ant1    | Low    | 2466            | 2.65           | -45.58       | ≤-17.35     | PASS    |
|           |         | High   | 2480            | 2.49           | -45.75       | ≤-17.51     | PASS    |

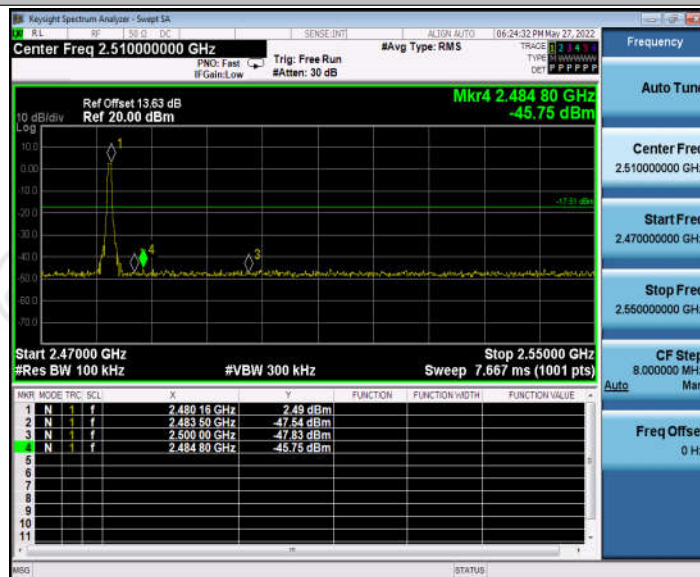


## Test Graphs

TX\_Ant1\_Low\_2466



TX\_Ant1\_High\_2480

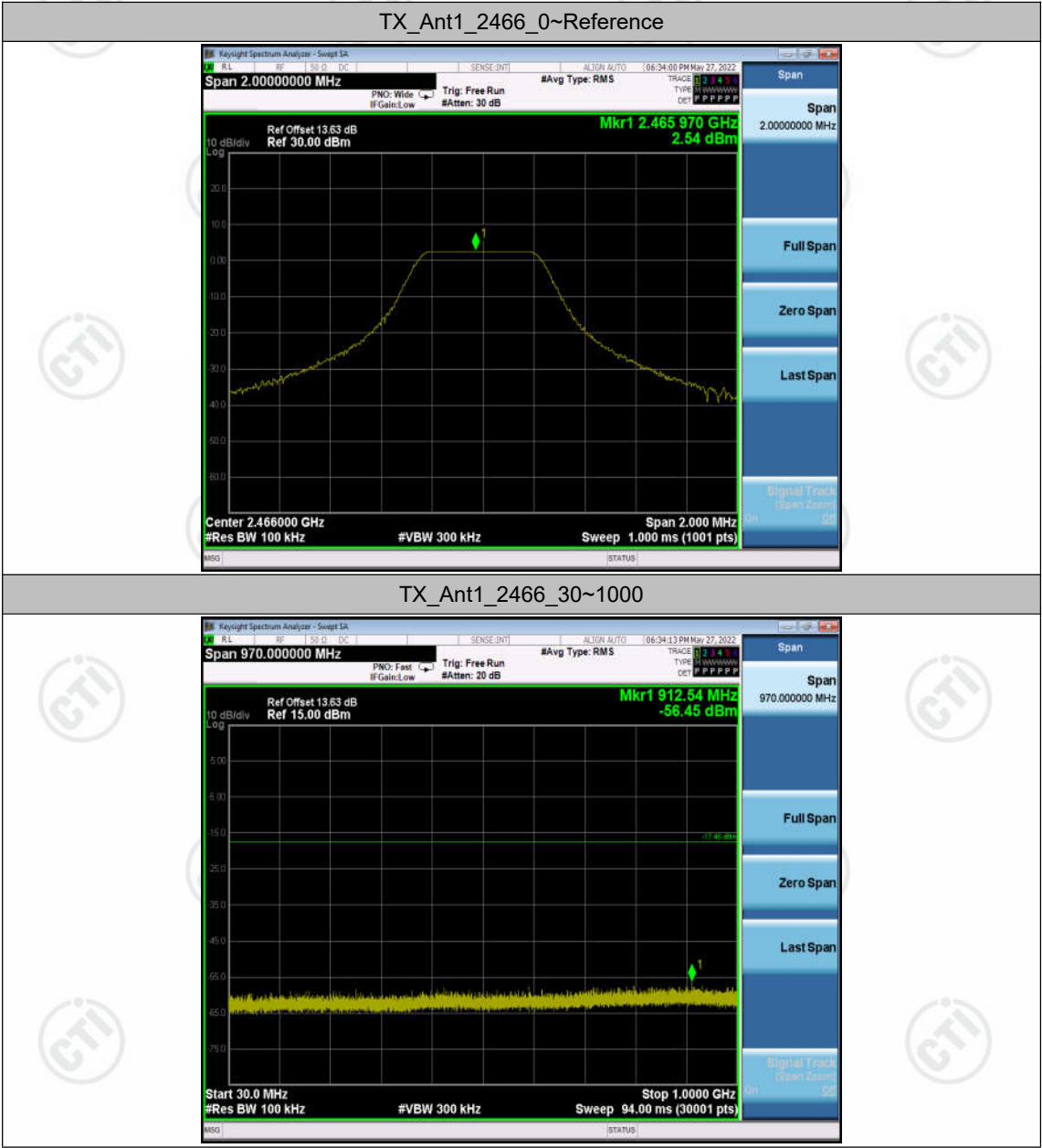


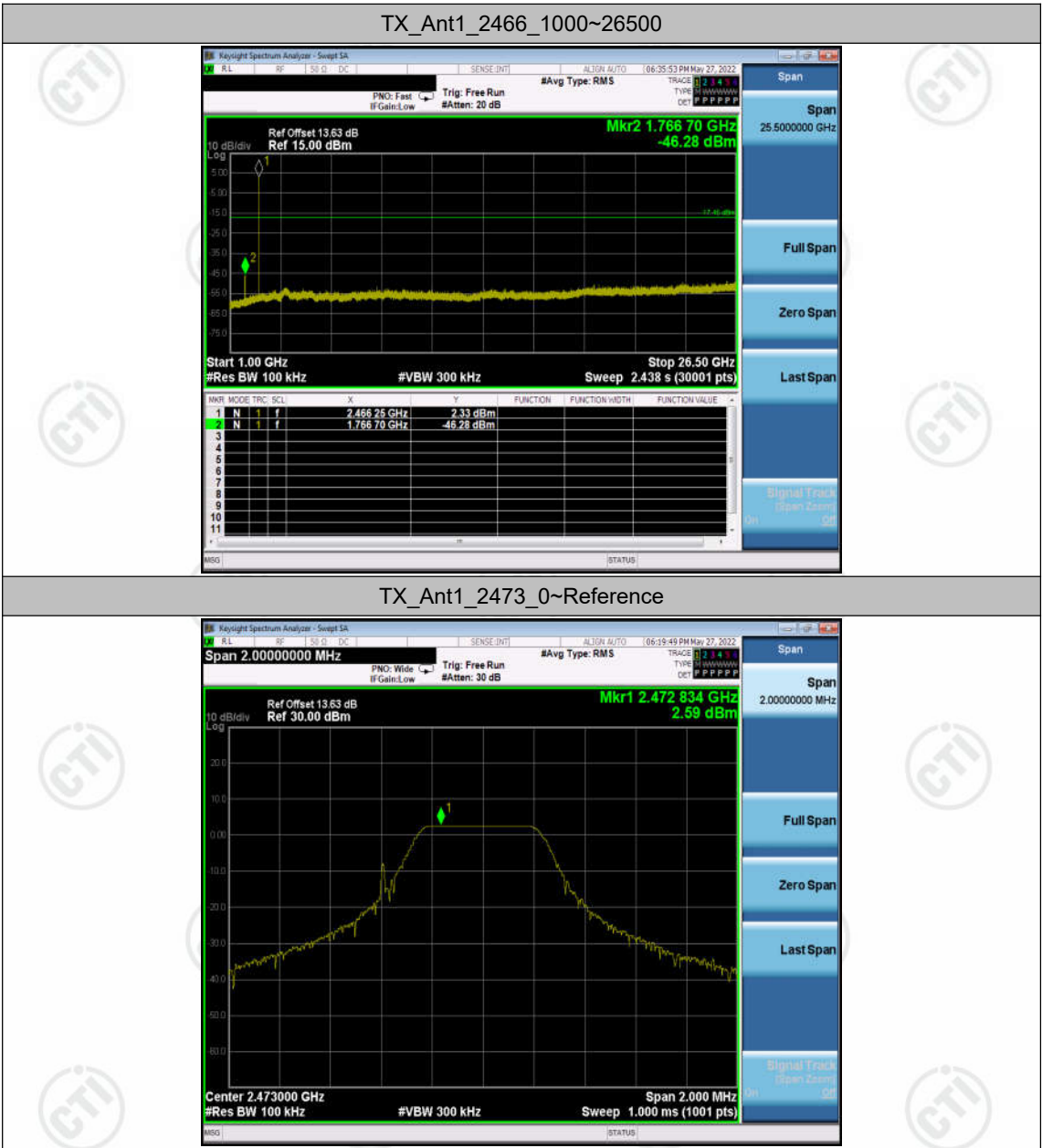
Appendix F: Conducted Spurious Emission

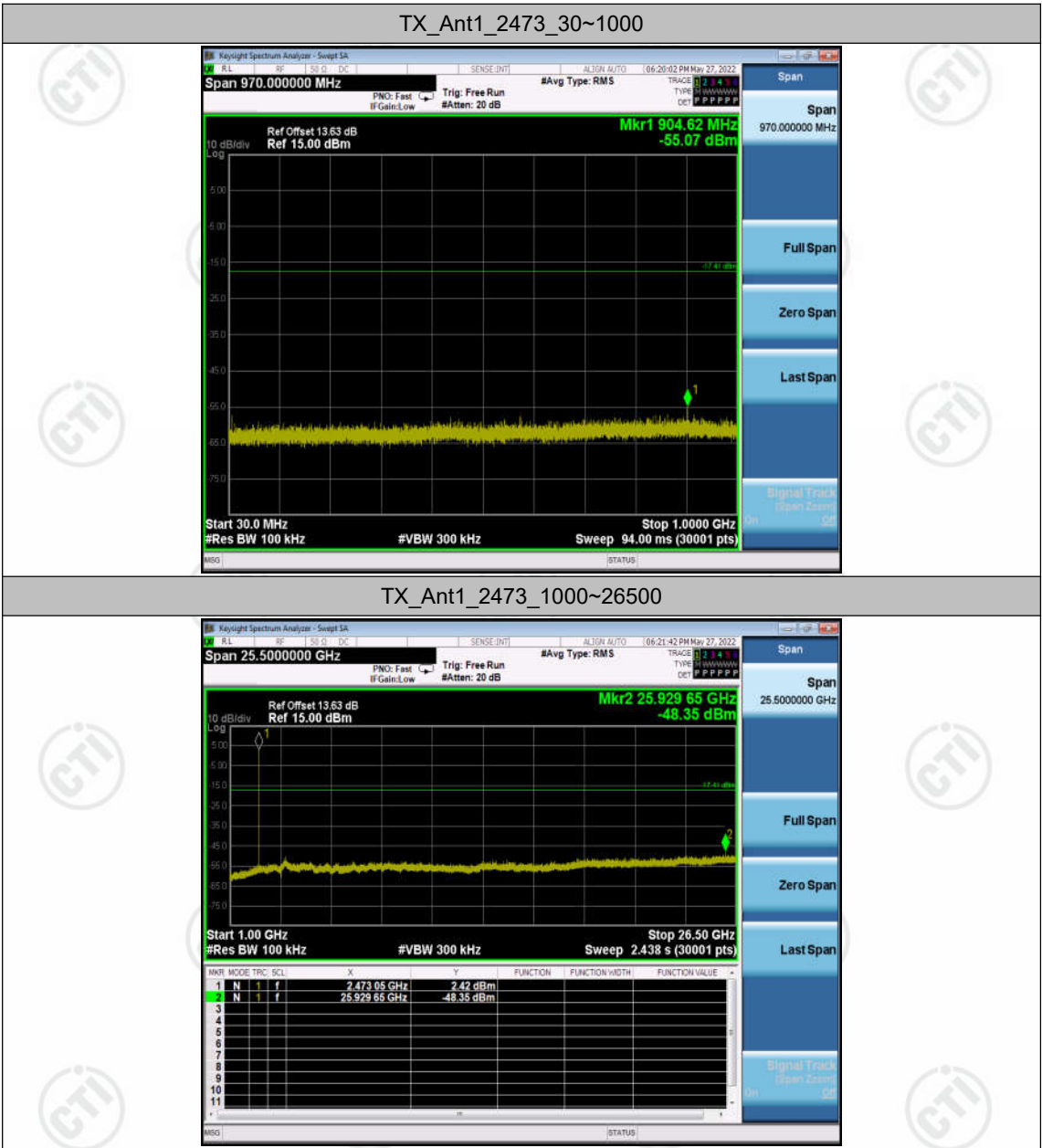
Test Result

| Test Mode | Antenna | Frequency [MHz] | FreqRange [MHz] | RefLevel [dBm] | Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|-----------------|-----------------|----------------|-------------|------------|---------|
| TX        | Ant1    | 2466            | Reference       | 2.54           | 2.54        | ---        | PASS    |
|           |         |                 | 30~1000         | ---            | -56.45      | ≤-17.46    | PASS    |
|           |         |                 | 1000~26500      | ---            | -46.28      | ≤-17.46    | PASS    |
|           |         | 2473            | Reference       | 2.59           | 2.59        | ---        | PASS    |
|           |         |                 | 30~1000         | ---            | -55.07      | ≤-17.41    | PASS    |
|           |         |                 | 1000~26500      | ---            | -48.35      | ≤-17.41    | PASS    |
|           |         | 2480            | Reference       | 2.56           | 2.56        | ---        | PASS    |
|           |         |                 | 30~1000         | ---            | -56.79      | ≤-17.44    | PASS    |
|           |         |                 | 1000~26500      | ---            | -47.09      | ≤-17.44    | PASS    |

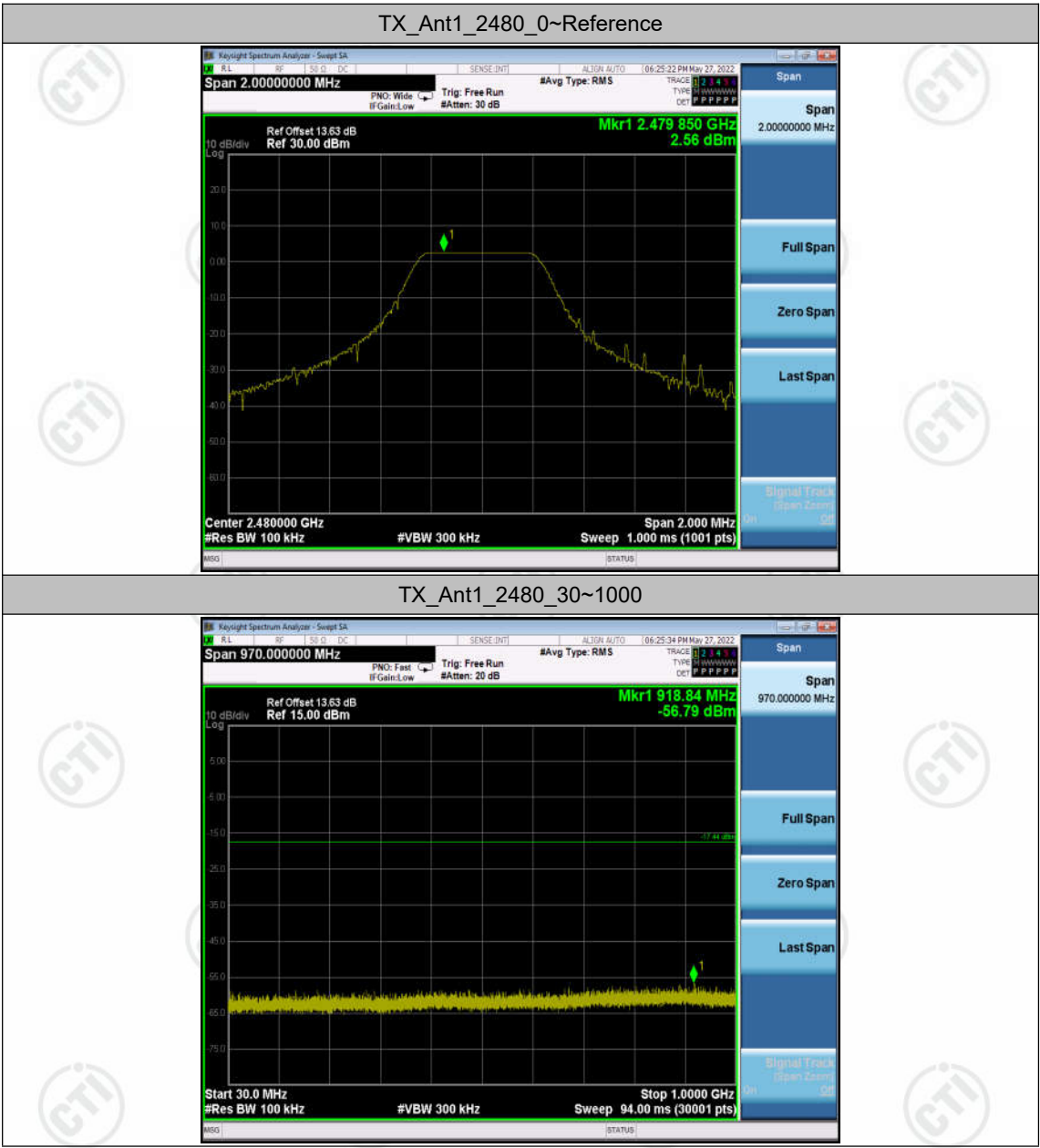
Test Graphs



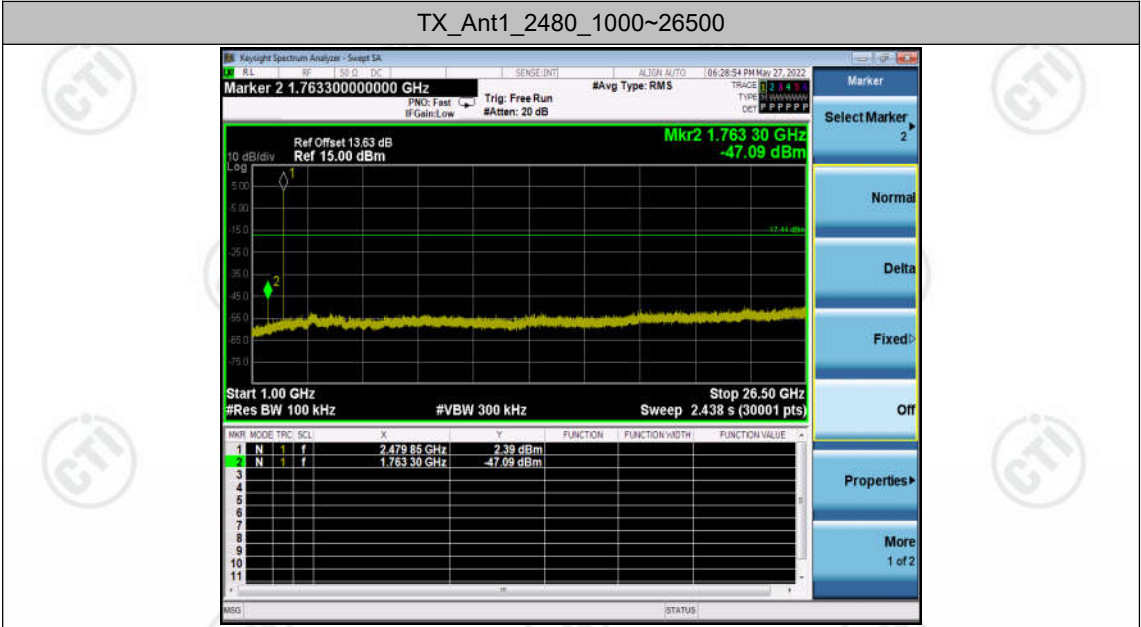












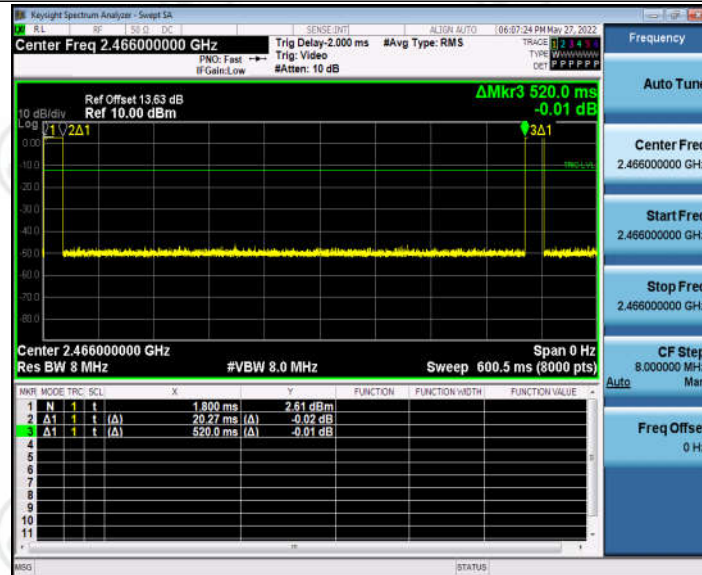
Appendix G: Duty Cycle

Test Result

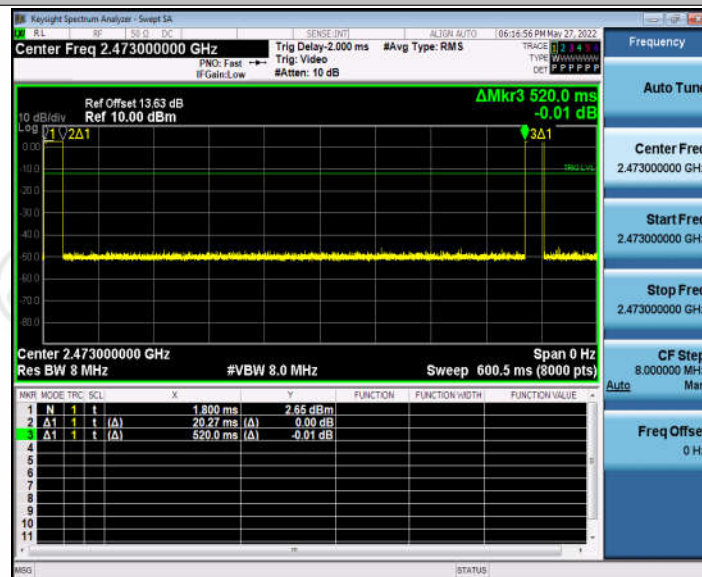
| Test Mode | Antenna | Frequency[MHz] | ON Time<br>[ms] | Period<br>[ms] | Duty Cycle<br>[%] | Duty Cycle<br>Factor[dB] |
|-----------|---------|----------------|-----------------|----------------|-------------------|--------------------------|
| TX        | Ant1    | 2466           | 20.27           | 519.99         | 3.90              | 14.09                    |
|           |         | 2473           | 20.27           | 519.99         | 3.90              | 14.09                    |
|           |         | 2480           | 20.27           | 520.06         | 3.90              | 14.09                    |

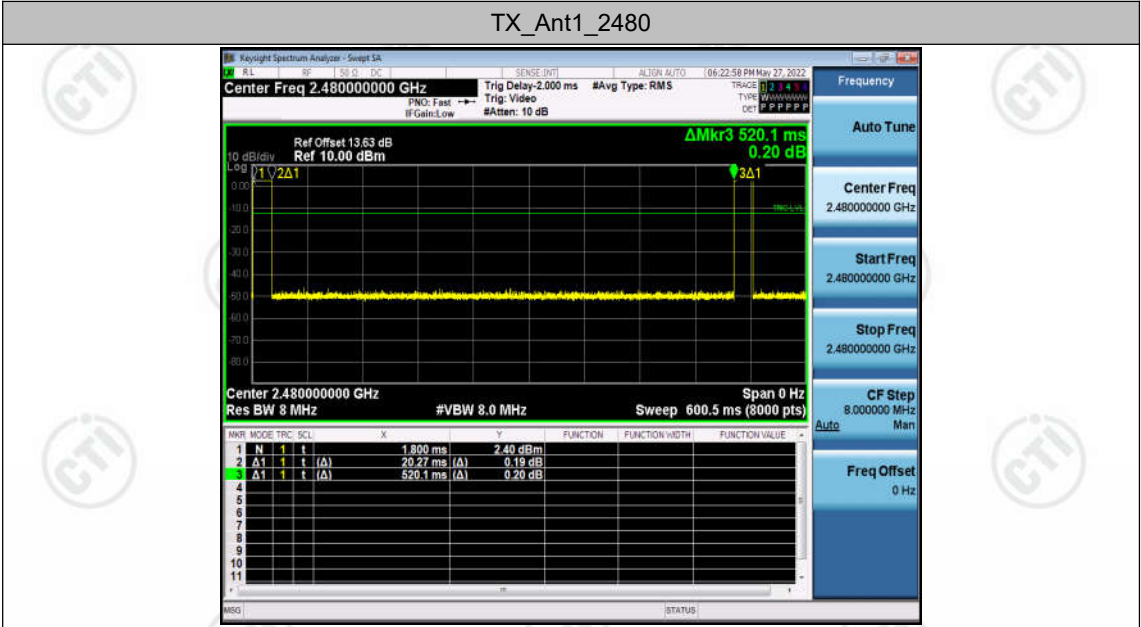
## Test Graphs

TX\_Ant1\_2466



TX\_Ant1\_2473





\*\*\* End of Report \*\*\*