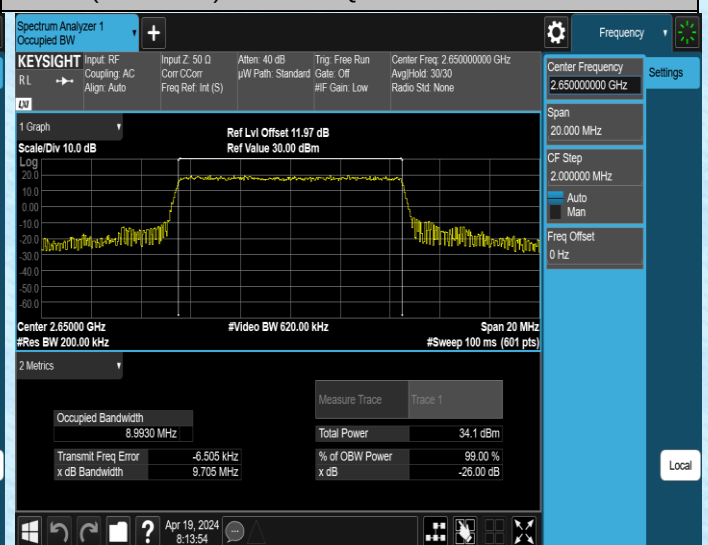
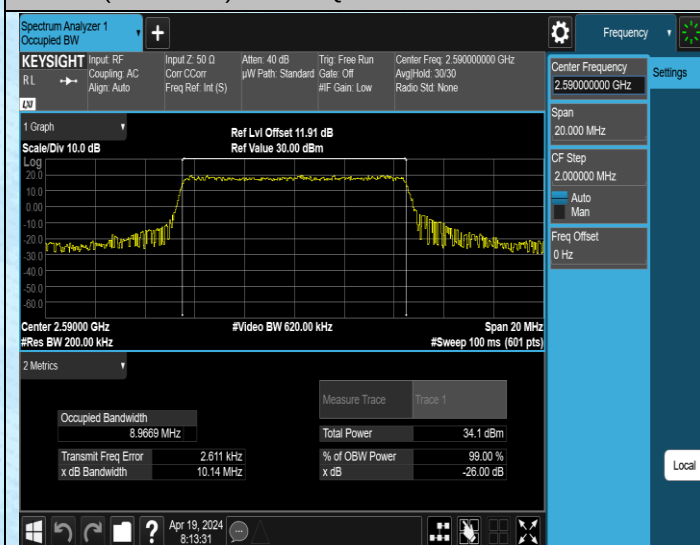
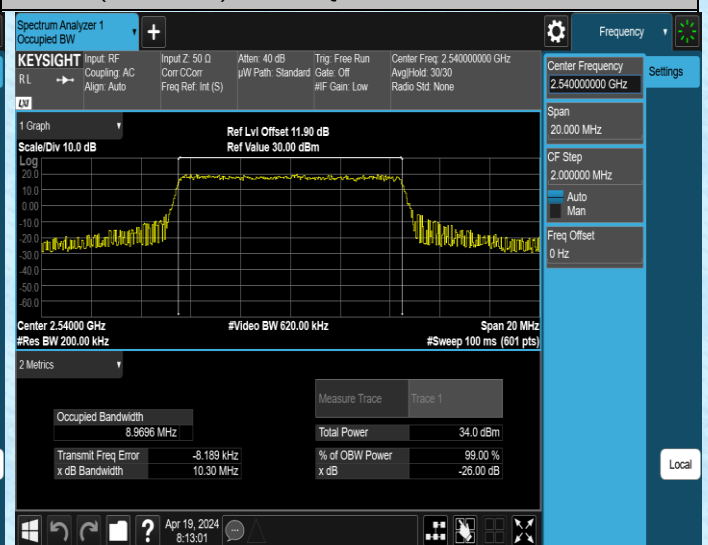
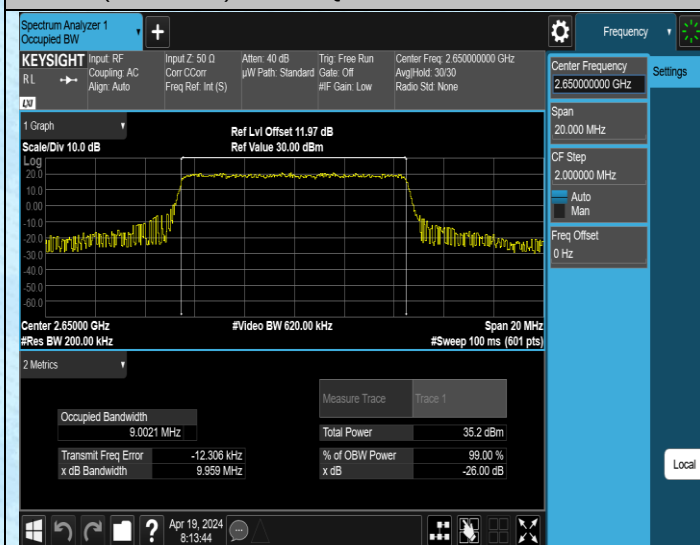
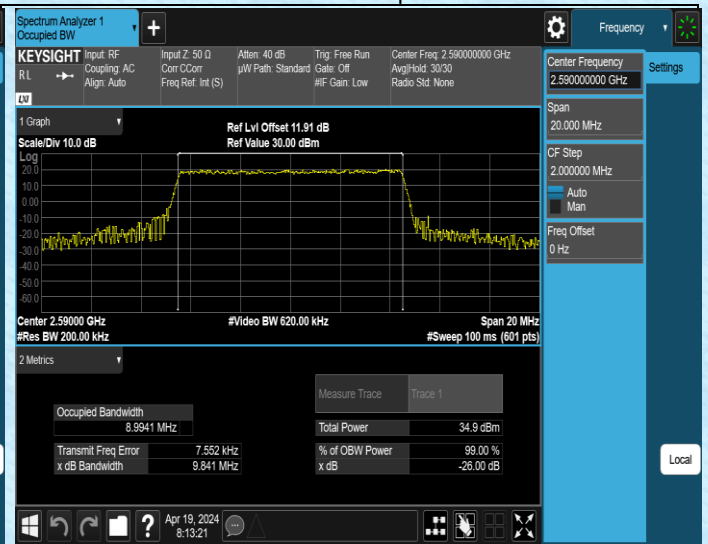
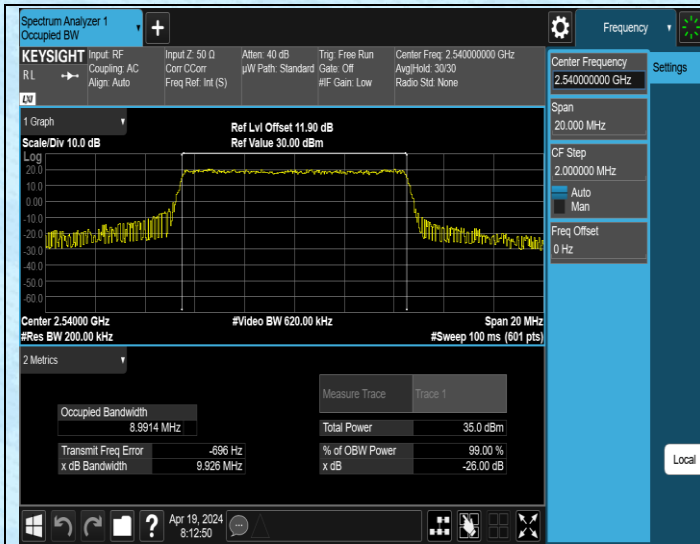
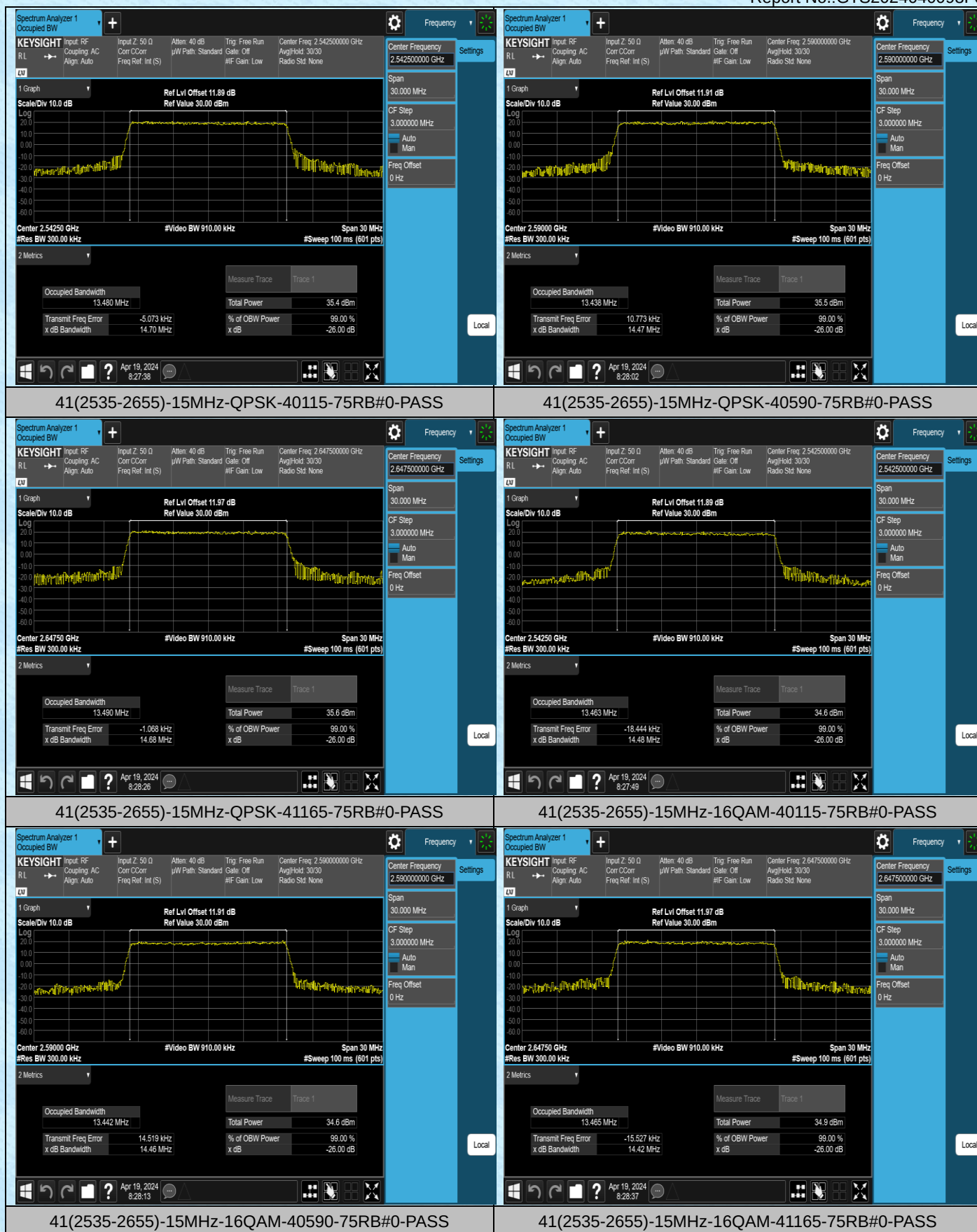
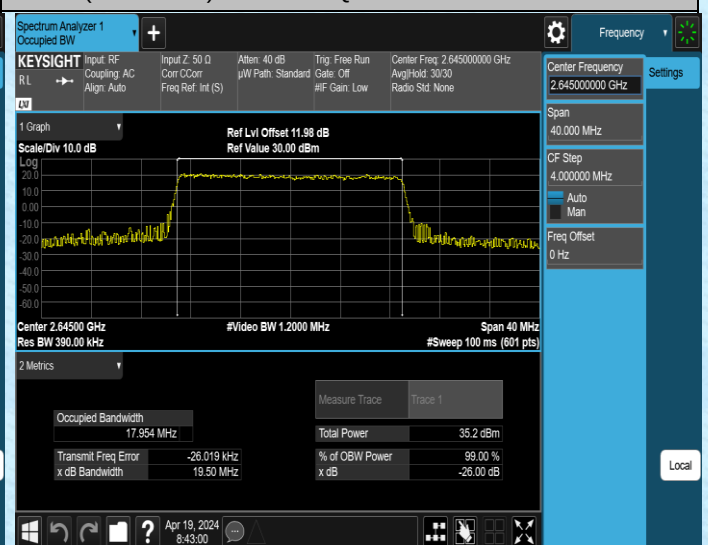
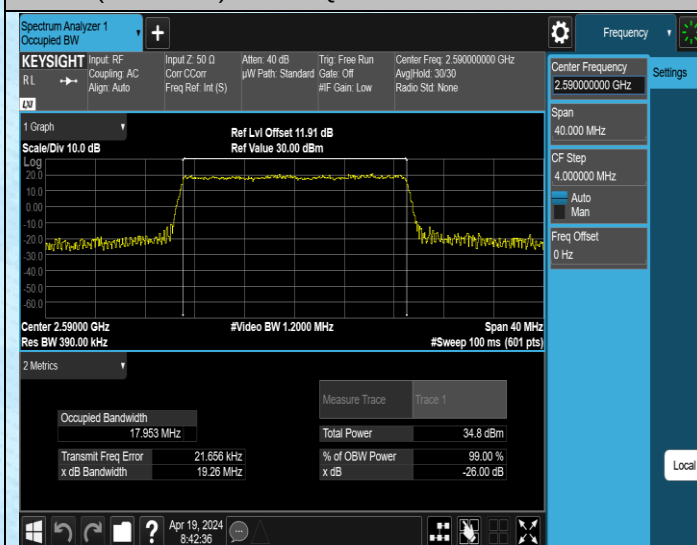
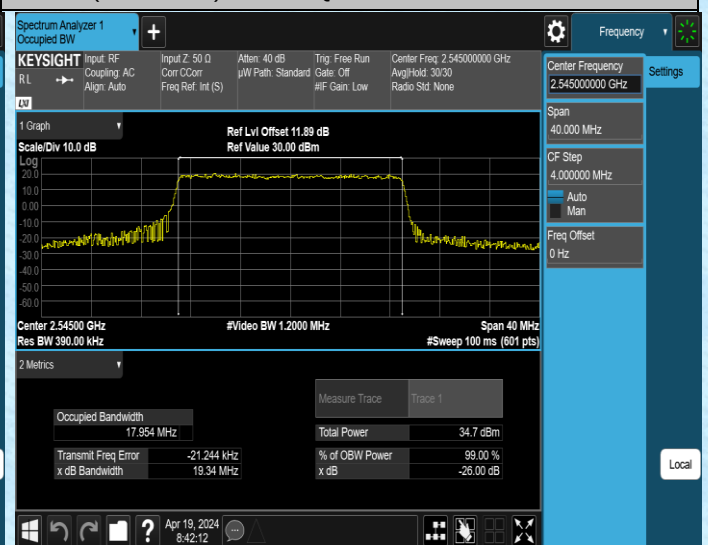
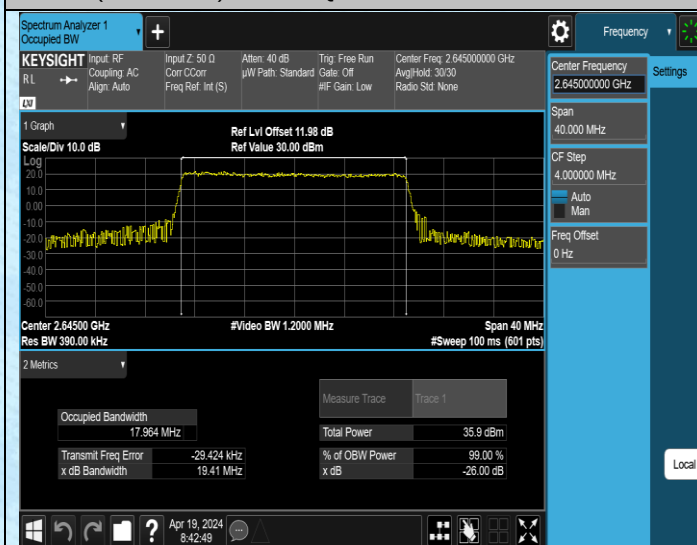
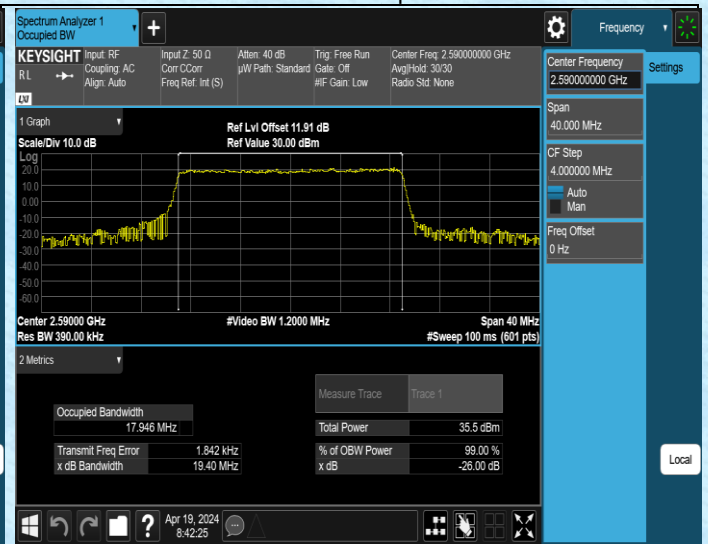
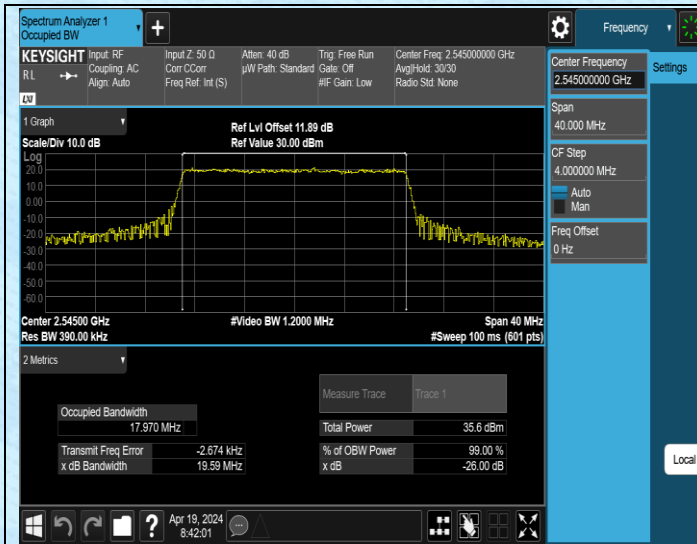








## Appendix D:Band Edge

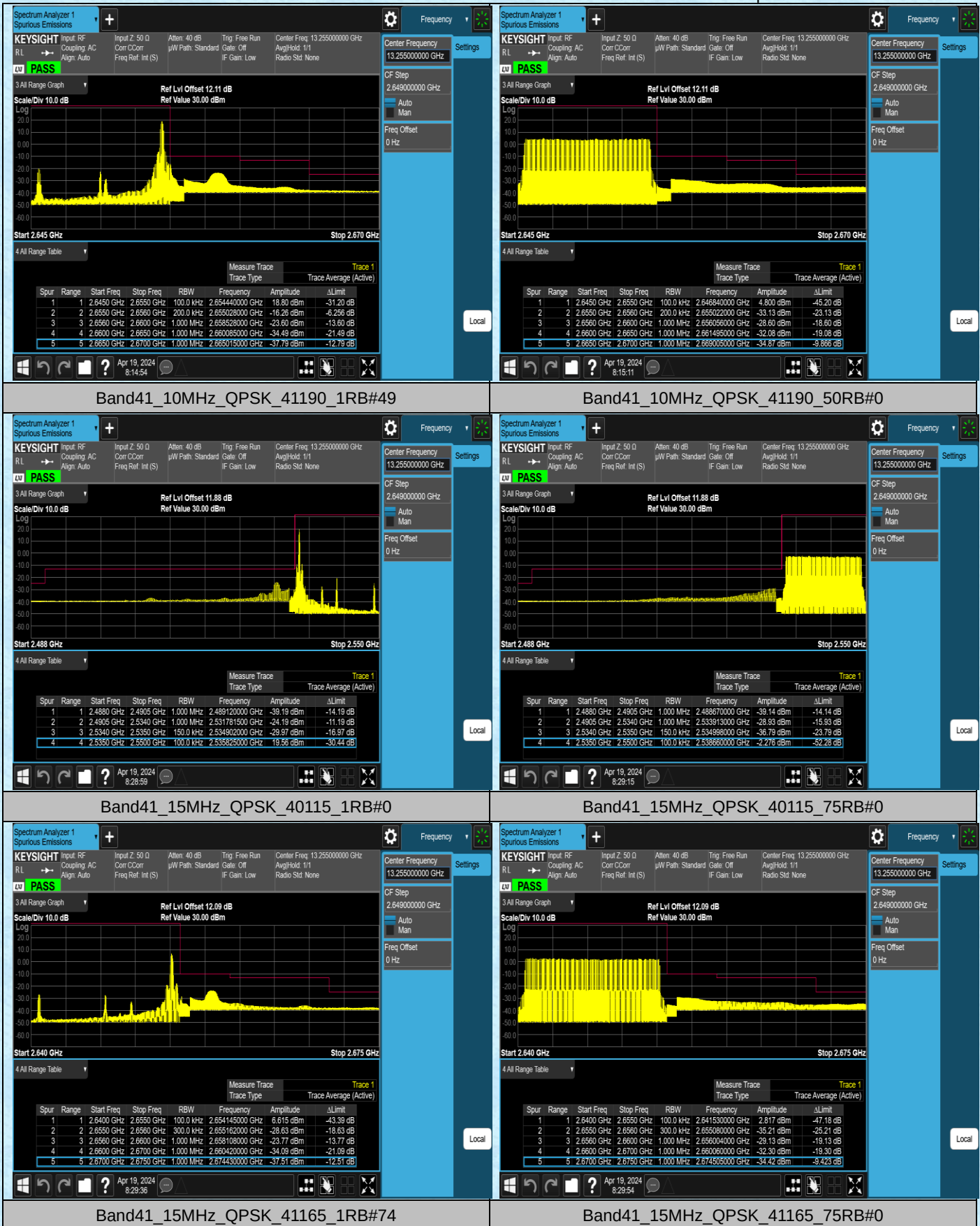
### Test Result

| Band          | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Limit(dBm) | Verdict |
|---------------|-----------|------------|---------|------------------|-------------|------------|---------|
| 41(2535-2655) | 5MHz      | QPSK       | 40065   | 1RB#0            | -18.56      | -13.00     | PASS    |
| 41(2535-2655) | 5MHz      | QPSK       | 40065   | 25RB#0           | -25.87      | -13.00     | PASS    |
| 41(2535-2655) | 5MHz      | QPSK       | 41215   | 1RB#24           | -18.13      | -10.00     | PASS    |
| 41(2535-2655) | 5MHz      | QPSK       | 41215   | 25RB#0           | -33.29      | -25.00     | PASS    |
| 41(2535-2655) | 10MHz     | QPSK       | 40090   | 1RB#0            | -21.29      | -13.00     | PASS    |
| 41(2535-2655) | 10MHz     | QPSK       | 40090   | 50RB#0           | -39.53      | -13.00     | PASS    |
| 41(2535-2655) | 10MHz     | QPSK       | 41190   | 1RB#49           | -16.26      | -10.00     | PASS    |
| 41(2535-2655) | 10MHz     | QPSK       | 41190   | 50RB#0           | -34.87      | -25.00     | PASS    |
| 41(2535-2655) | 15MHz     | QPSK       | 40115   | 1RB#0            | -24.19      | -13.00     | PASS    |
| 41(2535-2655) | 15MHz     | QPSK       | 40115   | 75RB#0           | -39.14      | -13.00     | PASS    |
| 41(2535-2655) | 15MHz     | QPSK       | 41165   | 1RB#74           | -37.51      | -25.00     | PASS    |
| 41(2535-2655) | 15MHz     | QPSK       | 41165   | 75RB#0           | -34.42      | -25.00     | PASS    |
| 41(2535-2655) | 20MHz     | QPSK       | 40140   | 1RB#0            | -24.34      | -13.00     | PASS    |
| 41(2535-2655) | 20MHz     | QPSK       | 40140   | 100RB#0          | -39.40      | -13.00     | PASS    |
| 41(2535-2655) | 20MHz     | QPSK       | 41140   | 1RB#99           | -37.58      | -25.00     | PASS    |
| 41(2535-2655) | 20MHz     | QPSK       | 41140   | 100RB#0          | -36.22      | -25.00     | PASS    |



## Test Graphs









## Appendix E:Conducted Spurious Emission

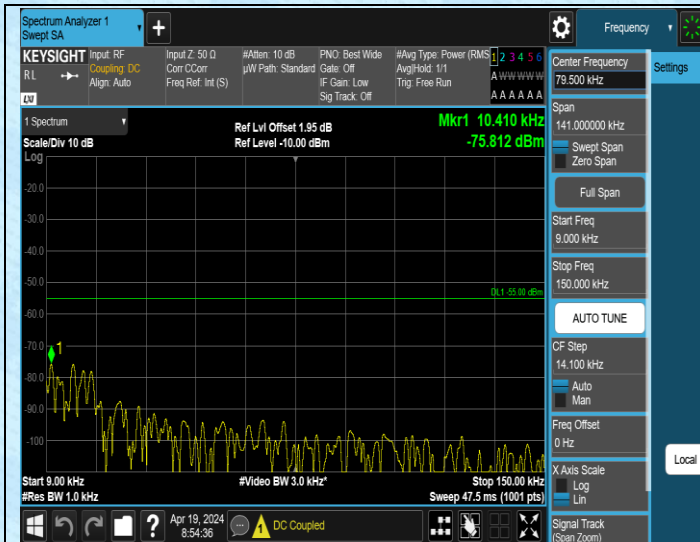
### Test Result

| Band          | Bandwidth | Modulation | Channel | RB Configuration | Frequency Range(MHz) | Frequency (MHz) | Result (dBm) | Limit (dBm) | Verdict |
|---------------|-----------|------------|---------|------------------|----------------------|-----------------|--------------|-------------|---------|
| 41(2535-2655) | 5MHz      | QPSK       | 40065   | 1RB#0            | 0.009~0.15           | 0.01            | -75.81       | -55.0       | PASS    |
| 41(2535-2655) | 5MHz      | QPSK       | 40065   | 1RB#0            | 0.15~30              | 4.00            | -58.63       | -45.0       | PASS    |
| 41(2535-2655) | 5MHz      | QPSK       | 40065   | 1RB#0            | 30~1000              | 979.63          | -60.37       | -35.0       | PASS    |
| 41(2535-2655) | 5MHz      | QPSK       | 40065   | 1RB#0            | 1000~3000            | 2509.15         | -39.69       | -25.0       | PASS    |
| 41(2535-2655) | 5MHz      | QPSK       | 40065   | 1RB#0            | 3000~20000           | 5070.60         | -30.32       | -25.0       | PASS    |
| 41(2535-2655) | 5MHz      | QPSK       | 40065   | 1RB#0            | 20000~27000          | 26424.95        | -37.10       | -25.0       | PASS    |
| 41(2535-2655) | 5MHz      | QPSK       | 40590   | 1RB#0            | 0.009~0.15           | 0.01            | -73.89       | -55.0       | PASS    |
| 41(2535-2655) | 5MHz      | QPSK       | 40590   | 1RB#0            | 0.15~30              | 4.00            | -57.97       | -45.0       | PASS    |
| 41(2535-2655) | 5MHz      | QPSK       | 40590   | 1RB#0            | 30~1000              | 922.89          | -60.32       | -35.0       | PASS    |
| 41(2535-2655) | 5MHz      | QPSK       | 40590   | 1RB#0            | 1000~3000            | 2561.85         | -41.90       | -25.0       | PASS    |
| 41(2535-2655) | 5MHz      | QPSK       | 40590   | 1RB#0            | 3000~20000           | 5176.00         | -28.19       | -25.0       | PASS    |
| 41(2535-2655) | 5MHz      | QPSK       | 40590   | 1RB#0            | 20000~27000          | 26863.85        | -36.90       | -25.0       | PASS    |
| 41(2535-2655) | 5MHz      | QPSK       | 41215   | 1RB#0            | 0.009~0.15           | 0.01            | -75.21       | -55.0       | PASS    |
| 41(2535-2655) | 5MHz      | QPSK       | 41215   | 1RB#0            | 0.15~30              | 4.00            | -59.11       | -45.0       | PASS    |
| 41(2535-2655) | 5MHz      | QPSK       | 41215   | 1RB#0            | 30~1000              | 897.67          | -60.53       | -35.0       | PASS    |
| 41(2535-2655) | 5MHz      | QPSK       | 41215   | 1RB#0            | 1000~3000            | 2639.15         | -38.11       | -25.0       | PASS    |
| 41(2535-2655) | 5MHz      | QPSK       | 41215   | 1RB#0            | 3000~20000           | 5300.53         | -29.01       | -25.0       | PASS    |
| 41(2535-2655) | 5MHz      | QPSK       | 41215   | 1RB#0            | 20000~27000          | 26682.90        | -36.80       | -25.0       | PASS    |
| 41(2535-2655) | 10MHz     | QPSK       | 40090   | 1RB#0            | 0.009~0.15           | 0.01            | -77.45       | -55.0       | PASS    |
| 41(2535-2655) | 10MHz     | QPSK       | 40090   | 1RB#0            | 0.15~30              | 4.00            | -59.07       | -45.0       | PASS    |
| 41(2535-2655) | 10MHz     | QPSK       | 40090   | 1RB#0            | 30~1000              | 888.45          | -60.24       | -35.0       | PASS    |
| 41(2535-2655) | 10MHz     | QPSK       | 40090   | 1RB#0            | 1000~3000            | 2569.80         | -41.84       | -25.0       | PASS    |
| 41(2535-2655) | 10MHz     | QPSK       | 40090   | 1RB#0            | 3000~20000           | 5071.45         | -28.63       | -25.0       | PASS    |
| 41(2535-2655) | 10MHz     | QPSK       | 40090   | 1RB#0            | 20000~27000          | 26691.30        | -37.08       | -25.0       | PASS    |
| 41(2535-2655) | 10MHz     | QPSK       | 40590   | 1RB#0            | 0.009~0.15           | 0.01            | -76.83       | -55.0       | PASS    |
| 41(2535-2655) | 10MHz     | QPSK       | 40590   | 1RB#0            | 0.15~30              | 4.00            | -58.82       | -45.0       | PASS    |
| 41(2535-2655) | 10MHz     | QPSK       | 40590   | 1RB#0            | 30~1000              | 929.68          | -60.01       | -35.0       | PASS    |
| 41(2535-2655) | 10MHz     | QPSK       | 40590   | 1RB#0            | 1000~3000            | 2558.55         | -41.63       | -25.0       | PASS    |
| 41(2535-2655) | 10MHz     | QPSK       | 40590   | 1RB#0            | 3000~20000           | 5170.90         | -30.63       | -25.0       | PASS    |
| 41(2535-2655) | 10MHz     | QPSK       | 40590   | 1RB#0            | 20000~27000          | 26517.70        | -36.76       | -25.0       | PASS    |
| 41(2535-2655) | 10MHz     | QPSK       | 41190   | 1RB#0            | 0.009~0.15           | 0.02            | -78.72       | -55.0       | PASS    |
| 41(2535-2655) | 10MHz     | QPSK       | 41190   | 1RB#0            | 0.15~30              | 4.00            | -57.54       | -45.0       | PASS    |
| 41(2535-2655) | 10MHz     | QPSK       | 41190   | 1RB#0            | 30~1000              | 887.00          | -60.50       | -35.0       | PASS    |
| 41(2535-2655) | 10MHz     | QPSK       | 41190   | 1RB#0            | 1000~3000            | 2619.65         | -41.90       | -25.0       | PASS    |
| 41(2535-2655) | 10MHz     | QPSK       | 41190   | 1RB#0            | 3000~20000           | 5291.18         | -30.11       | -25.0       | PASS    |
| 41(2535-2655) | 10MHz     | QPSK       | 41190   | 1RB#0            | 20000~27000          | 26387.50        | -36.96       | -25.0       | PASS    |
| 41(2535-2655) | 15MHz     | QPSK       | 40115   | 1RB#0            | 0.009~0.15           | 0.01            | -75.98       | -55.0       | PASS    |



|               |       |      |       |       |             |          |        |       |      |
|---------------|-------|------|-------|-------|-------------|----------|--------|-------|------|
| 41(2535-2655) | 15MHz | QPSK | 40115 | 1RB#0 | 0.15~30     | 4.00     | -59.07 | -45.0 | PASS |
| 41(2535-2655) | 15MHz | QPSK | 40115 | 1RB#0 | 30~1000     | 906.88   | -60.45 | -35.0 | PASS |
| 41(2535-2655) | 15MHz | QPSK | 40115 | 1RB#0 | 1000~3000   | 2584.50  | -41.82 | -25.0 | PASS |
| 41(2535-2655) | 15MHz | QPSK | 40115 | 1RB#0 | 3000~20000  | 5071.88  | -28.85 | -25.0 | PASS |
| 41(2535-2655) | 15MHz | QPSK | 40115 | 1RB#0 | 20000~27000 | 26584.20 | -36.79 | -25.0 | PASS |
| 41(2535-2655) | 15MHz | QPSK | 40590 | 1RB#0 | 0.009~0.15  | 0.03     | -75.88 | -55.0 | PASS |
| 41(2535-2655) | 15MHz | QPSK | 40590 | 1RB#0 | 0.15~30     | 4.00     | -58.80 | -45.0 | PASS |
| 41(2535-2655) | 15MHz | QPSK | 40590 | 1RB#0 | 30~1000     | 900.58   | -60.33 | -35.0 | PASS |
| 41(2535-2655) | 15MHz | QPSK | 40590 | 1RB#0 | 1000~3000   | 2546.00  | -43.18 | -25.0 | PASS |
| 41(2535-2655) | 15MHz | QPSK | 40590 | 1RB#0 | 3000~20000  | 5166.65  | -29.86 | -25.0 | PASS |
| 41(2535-2655) | 15MHz | QPSK | 40590 | 1RB#0 | 20000~27000 | 26552.35 | -36.66 | -25.0 | PASS |
| 41(2535-2655) | 15MHz | QPSK | 41165 | 1RB#0 | 0.009~0.15  | 0.01     | -76.63 | -55.0 | PASS |
| 41(2535-2655) | 15MHz | QPSK | 41165 | 1RB#0 | 0.15~30     | 4.00     | -57.61 | -45.0 | PASS |
| 41(2535-2655) | 15MHz | QPSK | 41165 | 1RB#0 | 30~1000     | 880.21   | -60.23 | -35.0 | PASS |
| 41(2535-2655) | 15MHz | QPSK | 41165 | 1RB#0 | 1000~3000   | 2609.90  | -37.06 | -25.0 | PASS |
| 41(2535-2655) | 15MHz | QPSK | 41165 | 1RB#0 | 3000~20000  | 5281.40  | -29.51 | -25.0 | PASS |
| 41(2535-2655) | 15MHz | QPSK | 41165 | 1RB#0 | 20000~27000 | 26375.95 | -36.91 | -25.0 | PASS |
| 41(2535-2655) | 20MHz | QPSK | 40140 | 1RB#0 | 0.009~0.15  | 0.02     | -78.40 | -55.0 | PASS |
| 41(2535-2655) | 20MHz | QPSK | 40140 | 1RB#0 | 0.15~30     | 4.00     | -59.08 | -45.0 | PASS |
| 41(2535-2655) | 20MHz | QPSK | 40140 | 1RB#0 | 30~1000     | 995.15   | -60.09 | -35.0 | PASS |
| 41(2535-2655) | 20MHz | QPSK | 40140 | 1RB#0 | 1000~3000   | 2689.20  | -44.75 | -25.0 | PASS |
| 41(2535-2655) | 20MHz | QPSK | 40140 | 1RB#0 | 3000~20000  | 5072.30  | -30.04 | -25.0 | PASS |
| 41(2535-2655) | 20MHz | QPSK | 40140 | 1RB#0 | 20000~27000 | 26425.30 | -36.76 | -25.0 | PASS |
| 41(2535-2655) | 20MHz | QPSK | 40590 | 1RB#0 | 0.009~0.15  | 0.01     | -71.13 | -55.0 | PASS |
| 41(2535-2655) | 20MHz | QPSK | 40590 | 1RB#0 | 0.15~30     | 4.00     | -57.91 | -45.0 | PASS |
| 41(2535-2655) | 20MHz | QPSK | 40590 | 1RB#0 | 30~1000     | 906.40   | -60.45 | -35.0 | PASS |
| 41(2535-2655) | 20MHz | QPSK | 40590 | 1RB#0 | 1000~3000   | 2529.05  | -40.98 | -25.0 | PASS |
| 41(2535-2655) | 20MHz | QPSK | 40590 | 1RB#0 | 3000~20000  | 5162.40  | -29.96 | -25.0 | PASS |
| 41(2535-2655) | 20MHz | QPSK | 40590 | 1RB#0 | 20000~27000 | 26373.50 | -36.76 | -25.0 | PASS |
| 41(2535-2655) | 20MHz | QPSK | 41140 | 1RB#0 | 0.009~0.15  | 0.01     | -77.71 | -55.0 | PASS |
| 41(2535-2655) | 20MHz | QPSK | 41140 | 1RB#0 | 0.15~30     | 4.00     | -58.01 | -45.0 | PASS |
| 41(2535-2655) | 20MHz | QPSK | 41140 | 1RB#0 | 30~1000     | 74.62    | -58.52 | -35.0 | PASS |
| 41(2535-2655) | 20MHz | QPSK | 41140 | 1RB#0 | 1000~3000   | 2578.85  | -43.80 | -25.0 | PASS |
| 41(2535-2655) | 20MHz | QPSK | 41140 | 1RB#0 | 3000~20000  | 5272.05  | -29.68 | -25.0 | PASS |
| 41(2535-2655) | 20MHz | QPSK | 41140 | 1RB#0 | 20000~27000 | 26429.85 | -36.82 | -25.0 | PASS |

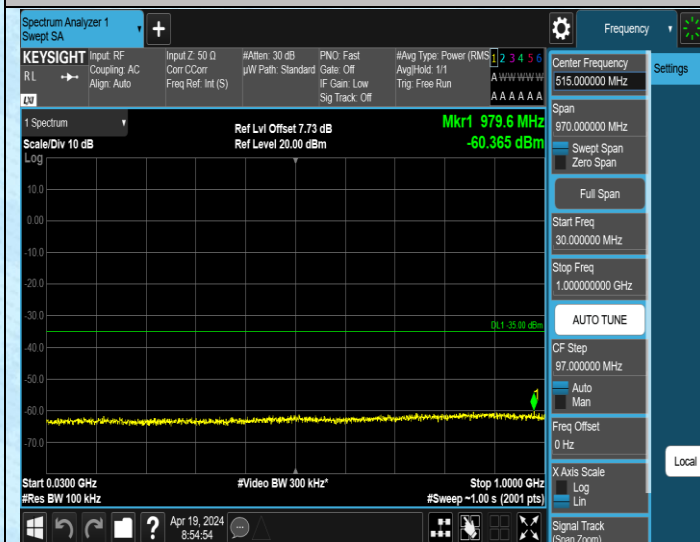
## Test Graphs



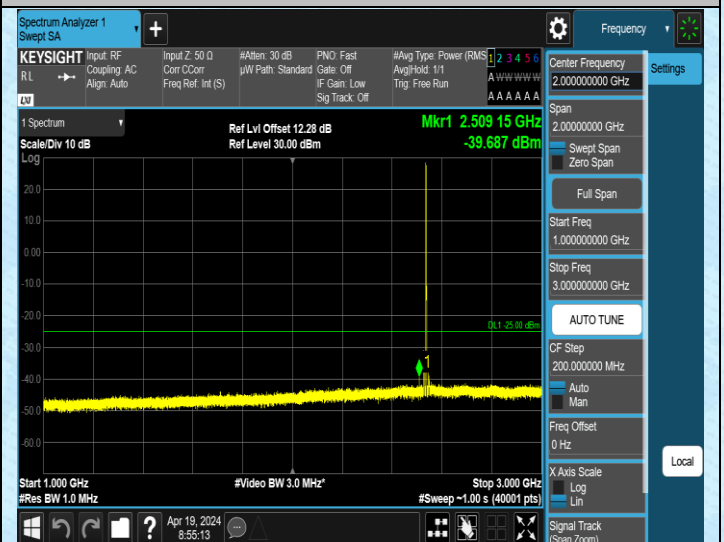
Band41\_5MHz\_QPSK\_40065\_1RB#0\_0.009~0.15\_0.009~0.15



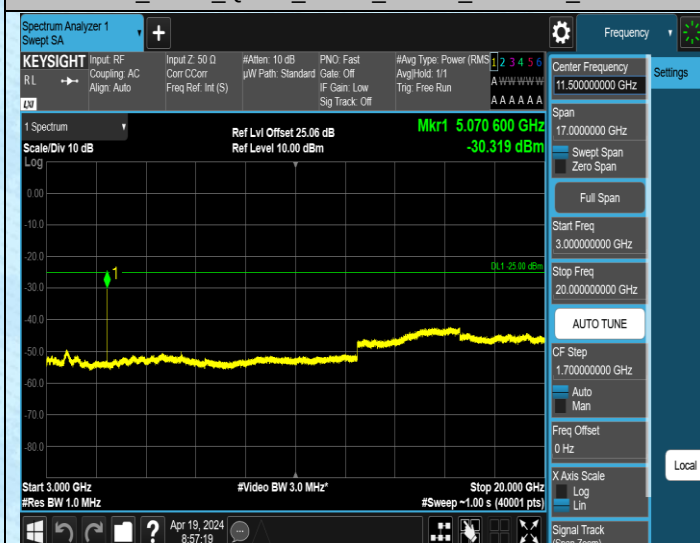
Band41\_5MHz\_QPSK\_40065\_1RB#0\_0.15~30\_0.15~30



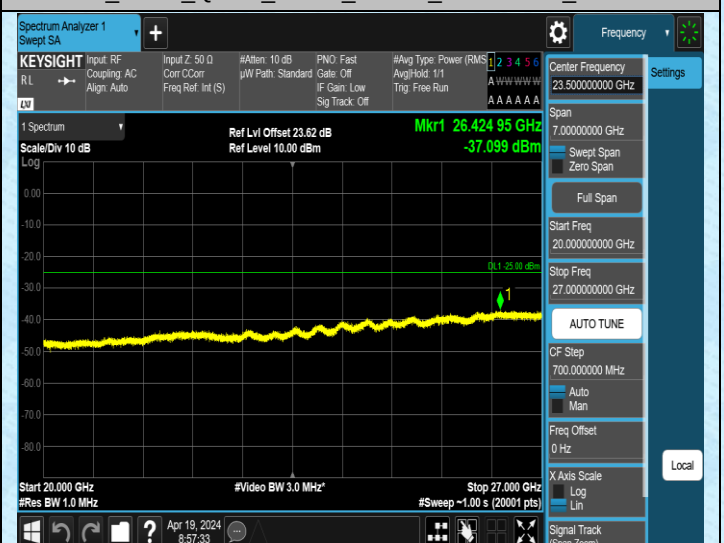
Band41\_5MHz\_QPSK\_40065\_1RB#0\_30~1000\_30~1000



Band41\_5MHz\_QPSK\_40065\_1RB#0\_1000~3000\_1000~3000



Band41\_5MHz\_QPSK\_40065\_1RB#0\_3000~20000\_3000~2000



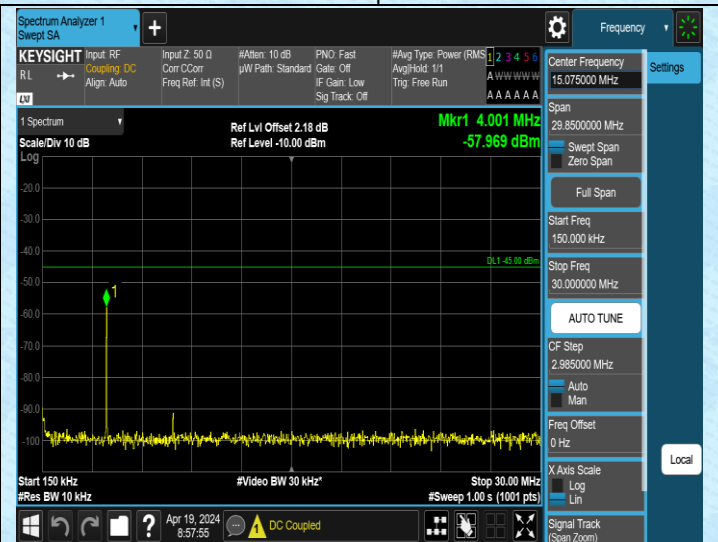
Band41\_5MHz\_QPSK\_40065\_1RB#0\_20000~27000\_20000~27

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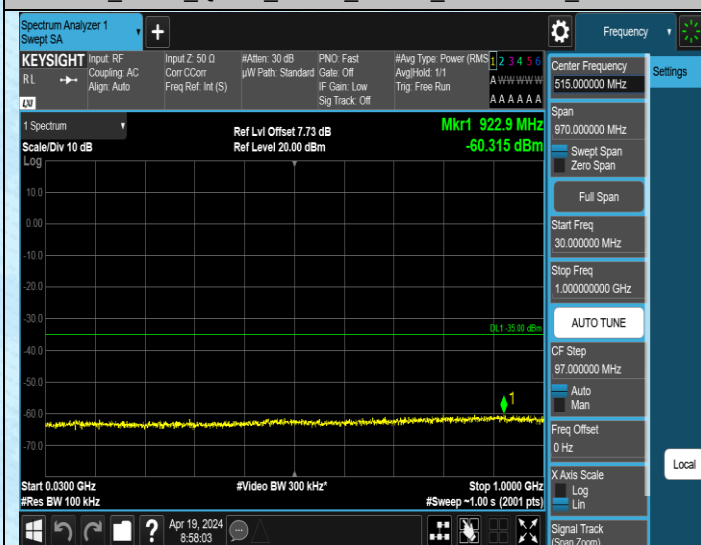
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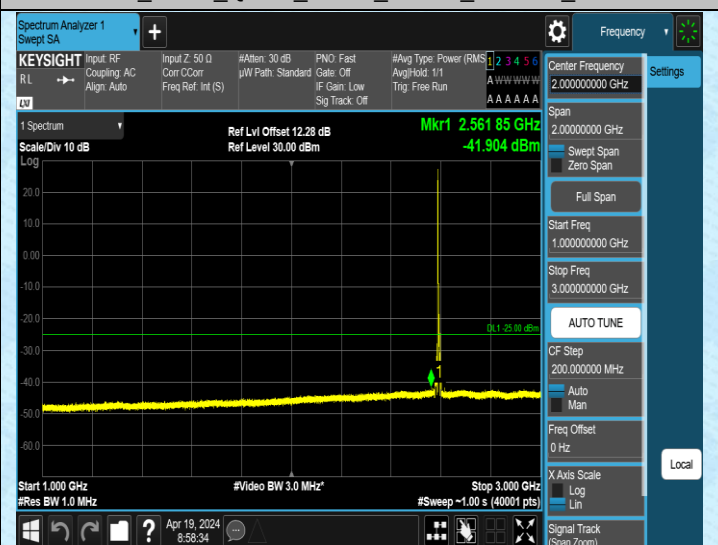
Band41\_5MHz\_QPSK\_40590\_1RB#0\_0.009~0.15\_0.009~0.15



Band41\_5MHz\_QPSK\_40590\_1RB#0\_0.15~30\_0.15~30



Band41\_5MHz\_QPSK\_40590\_1RB#0\_30~1000\_30~1000



Band41\_5MHz\_QPSK\_40590\_1RB#0\_1000~3000\_1000~3000



Band41\_5MHz\_QPSK\_40590\_1RB#0\_3000~20000\_3000~2000



Band41\_5MHz\_QPSK\_40590\_1RB#0\_20000~27000\_20000~27

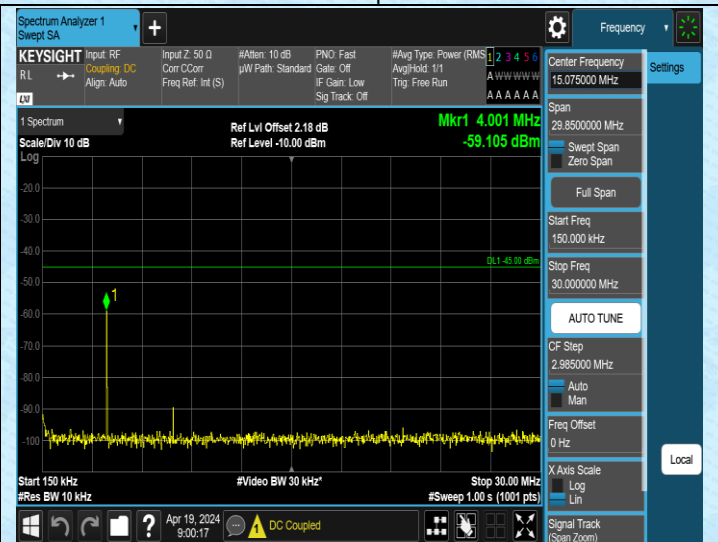
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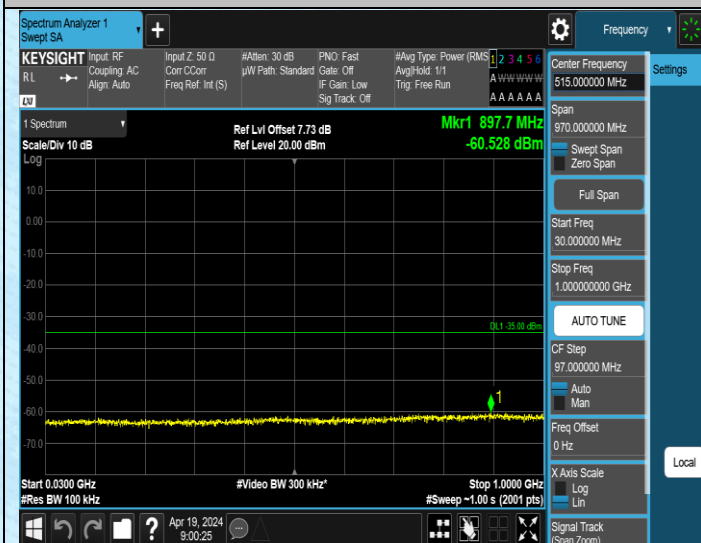




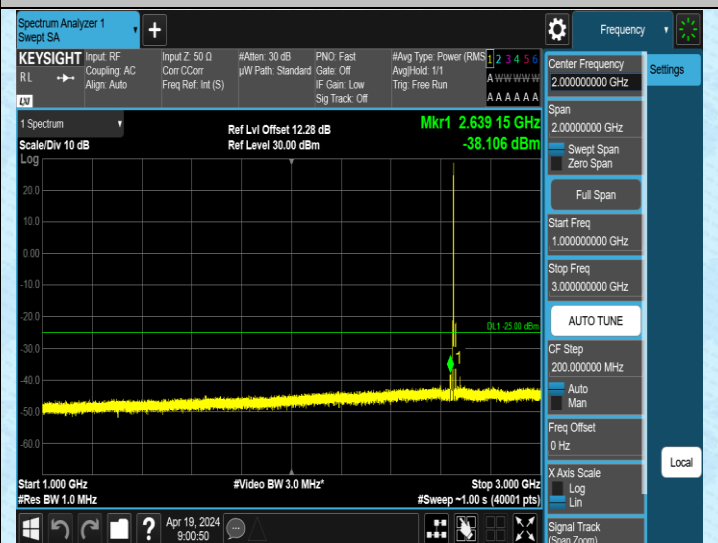
Band41\_5MHz\_QPSK\_41215\_1RB#0\_0.009~0.15\_0.009~0.15



Band41\_5MHz\_QPSK\_41215\_1RB#0\_0.15~30\_0.15~30



Band41\_5MHz\_QPSK\_41215\_1RB#0\_30~1000\_30~1000



Band41\_5MHz\_QPSK\_41215\_1RB#0\_1000~3000\_1000~3000



Band41\_5MHz\_QPSK\_41215\_1RB#0\_3000~20000\_3000~2000



Band41\_5MHz\_QPSK\_41215\_1RB#0\_20000~27000\_20000~27

0

000