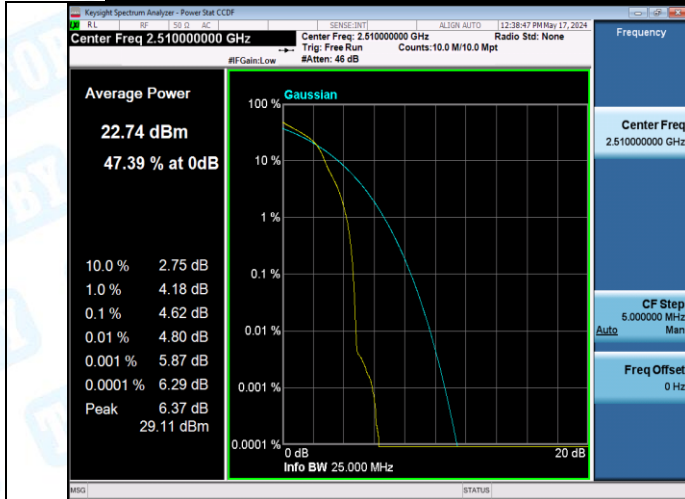
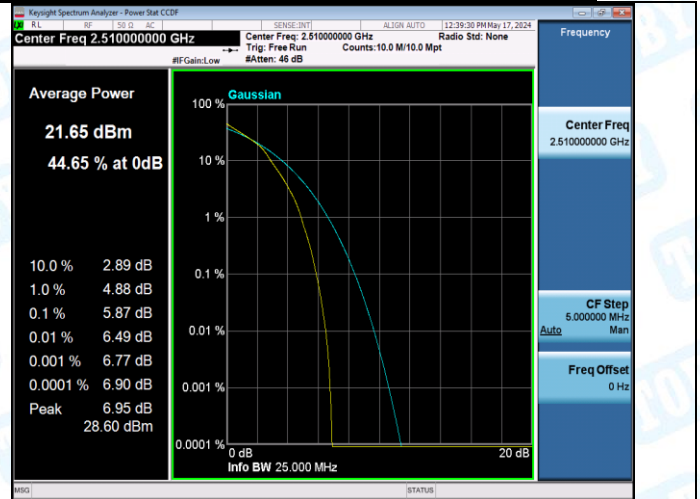
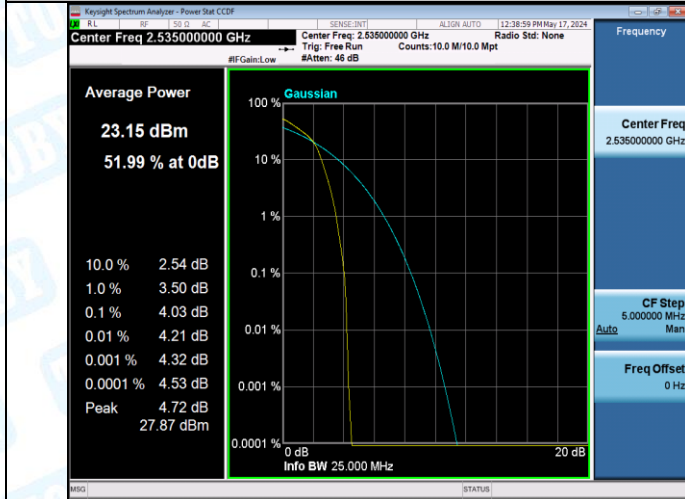




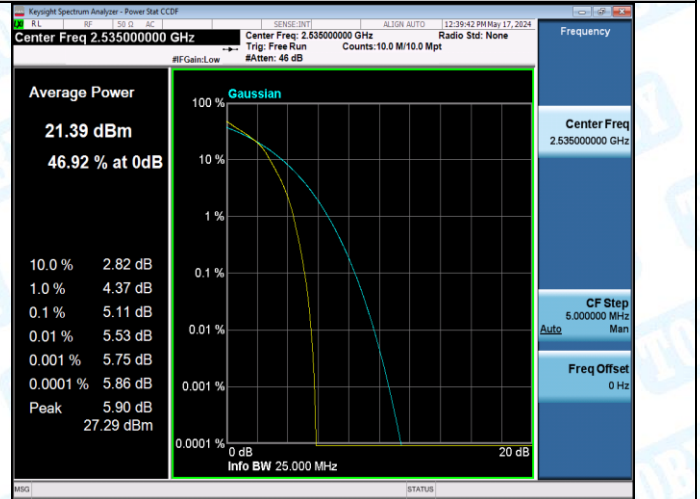
Band7-20MHz-16QAM-21100-1RB#0-PASS



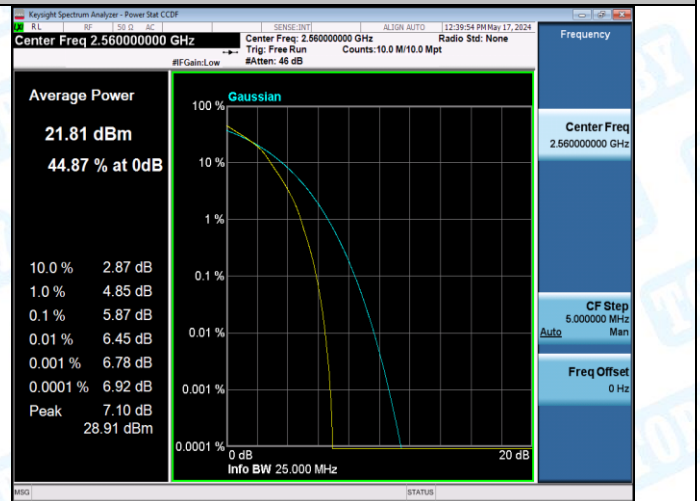
Band7-20MHz-16QAM-21100-27RB#0-PASS



Band7-20MHz-16QAM-21350-1RB#0-PASS



Band7-20MHz-16QAM-21350-27RB#0-PASS



### 3: 26dB Bandwidth and Occupied Bandwidth

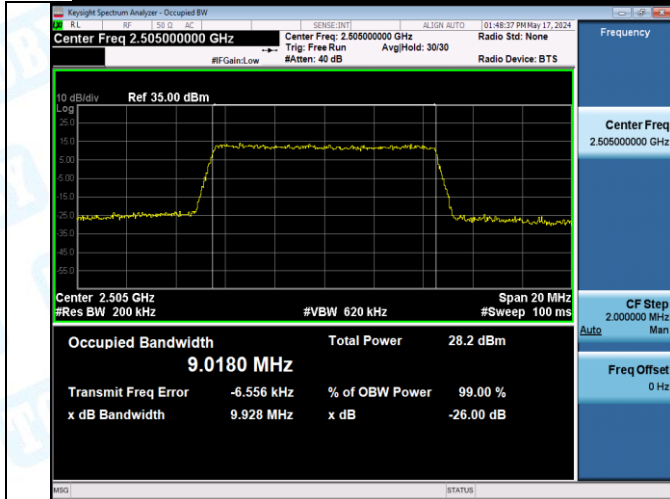
#### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|-------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band7 | 5MHz      | QPSK       | 20775   | 25RB#0           | 4.5038                   | 4.978                | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 25RB#0           | 4.5092                   | 4.982                | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 25RB#0           | 4.5223                   | 4.999                | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 25RB#0           | 4.5100                   | 4.983                | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 25RB#0           | 4.5287                   | 4.983                | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 25RB#0           | 4.5137                   | 5.006                | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 50RB#0           | 9.0180                   | 9.928                | PASS    |
| Band7 | 10MHz     | QPSK       | 21100   | 50RB#0           | 8.9948                   | 9.934                | PASS    |
| Band7 | 10MHz     | QPSK       | 21400   | 50RB#0           | 8.9606                   | 9.866                | PASS    |
| Band7 | 10MHz     | 16QAM      | 20800   | 27RB#0           | 4.9868                   | 5.850                | PASS    |
| Band7 | 10MHz     | 16QAM      | 21100   | 27RB#0           | 4.9739                   | 5.880                | PASS    |
| Band7 | 10MHz     | 16QAM      | 21400   | 27RB#0           | 4.9821                   | 5.828                | PASS    |
| Band7 | 15MHz     | QPSK       | 20825   | 75RB#0           | 13.532                   | 15.00                | PASS    |
| Band7 | 15MHz     | QPSK       | 21100   | 75RB#0           | 13.505                   | 14.97                | PASS    |
| Band7 | 15MHz     | QPSK       | 21375   | 75RB#0           | 13.406                   | 14.86                | PASS    |
| Band7 | 15MHz     | 16QAM      | 20825   | 27RB#0           | 5.0933                   | 6.072                | PASS    |
| Band7 | 15MHz     | 16QAM      | 21100   | 27RB#0           | 5.1205                   | 6.003                | PASS    |
| Band7 | 15MHz     | 16QAM      | 21375   | 27RB#0           | 5.1040                   | 7.418                | PASS    |
| Band7 | 20MHz     | QPSK       | 20850   | 100RB#0          | 18.056                   | 19.72                | PASS    |
| Band7 | 20MHz     | QPSK       | 21100   | 100RB#0          | 18.018                   | 19.80                | PASS    |
| Band7 | 20MHz     | QPSK       | 21350   | 100RB#0          | 17.941                   | 19.51                | PASS    |
| Band7 | 20MHz     | 16QAM      | 20850   | 27RB#0           | 5.2663                   | 7.315                | PASS    |
| Band7 | 20MHz     | 16QAM      | 21100   | 27RB#0           | 5.2729                   | 6.542                | PASS    |
| Band7 | 20MHz     | 16QAM      | 21350   | 27RB#0           | 5.2420                   | 6.732                | PASS    |

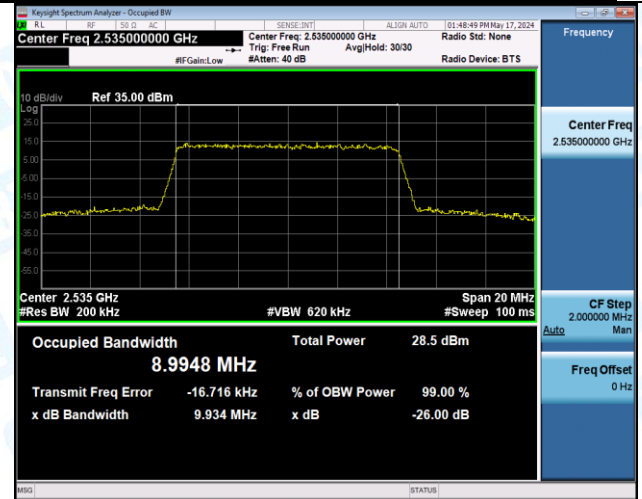


## Test Graphs





Band7-10MHz-QPSK-21400-50RB#0-PASS



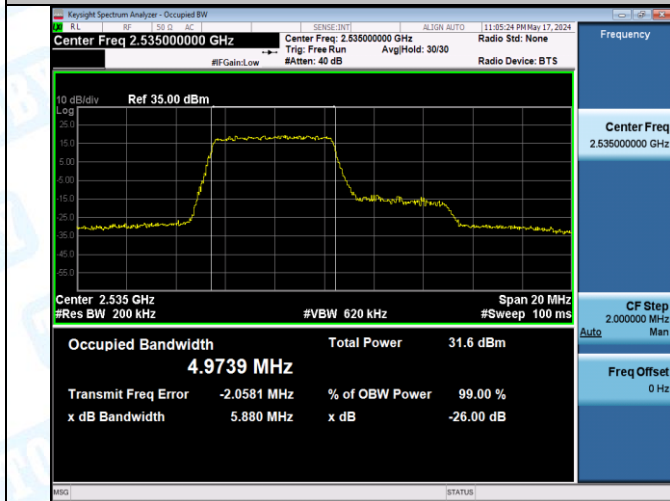
Band7-10MHz-16QAM-20800-27RB#0-PASS



Band7-10MHz-16QAM-21100-27RB#0-PASS



Band7-10MHz-16QAM-21400-27RB#0-PASS

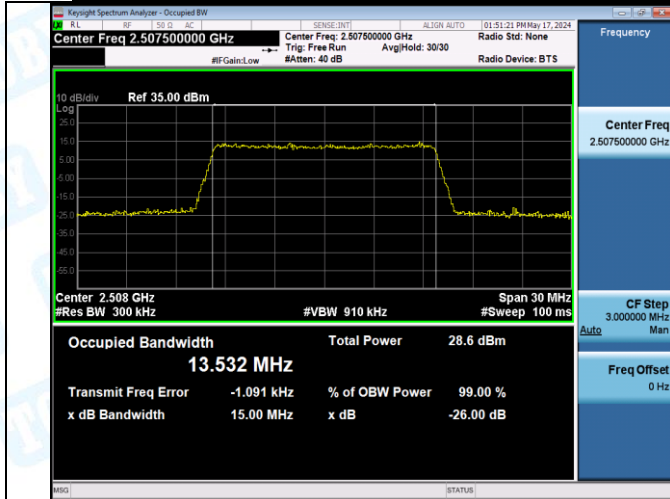


Band7-15MHz-QPSK-20825-75RB#0-PASS

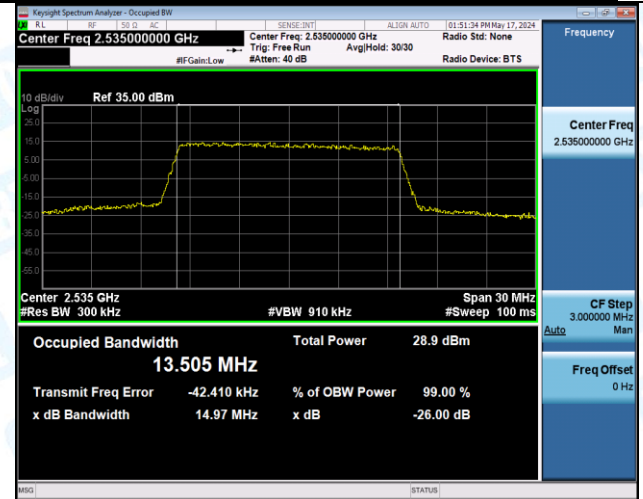


Band7-15MHz-QPSK-21100-75RB#0-PASS

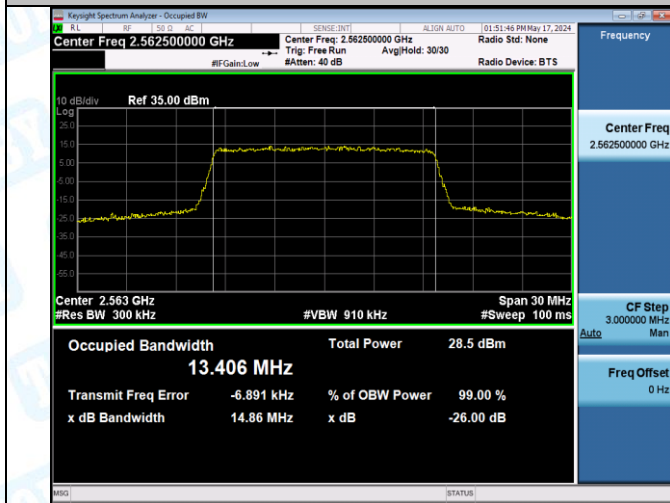




Band7-15MHz-QPSK-21375-75RB#0-PASS



Band7-15MHz-16QAM-20825-27RB#0-PASS



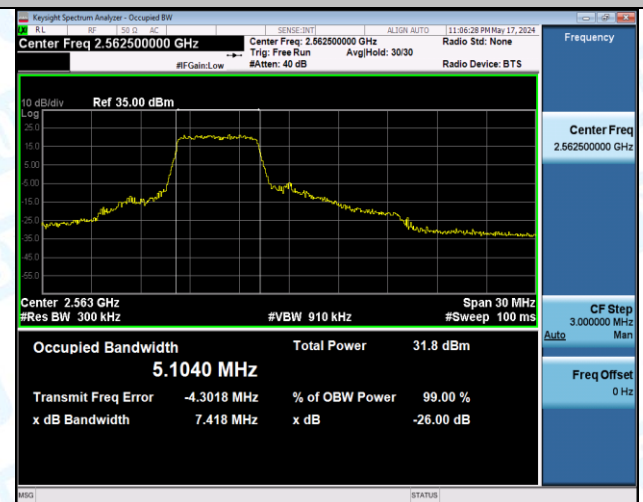
Band7-15MHz-16QAM-21100-27RB#0-PASS



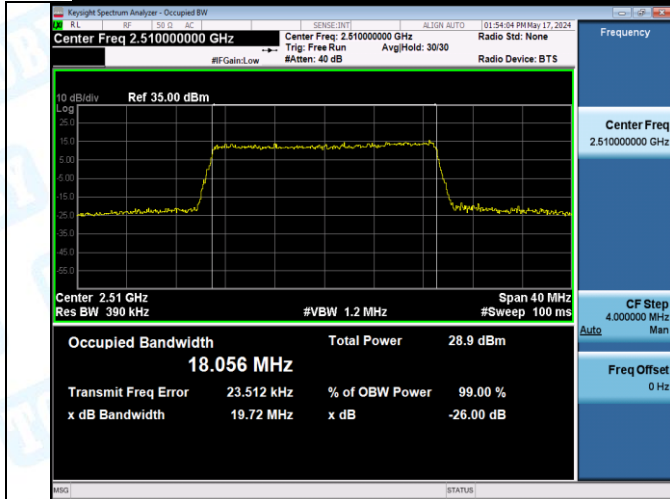
Band7-15MHz-16QAM-21375-27RB#0-PASS



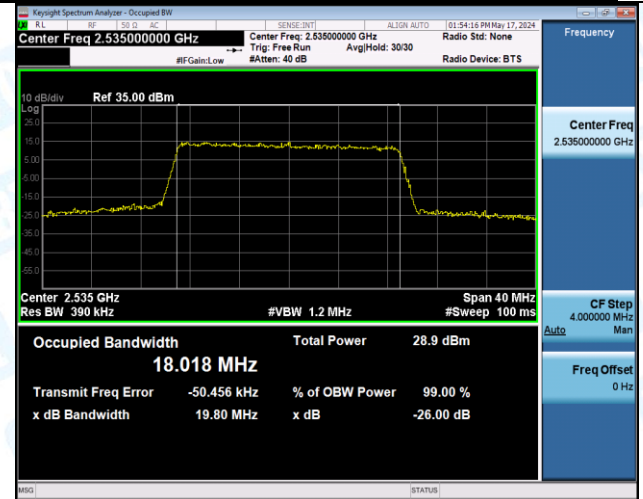
Band7-20MHz-QPSK-20850-100RB#0-PASS



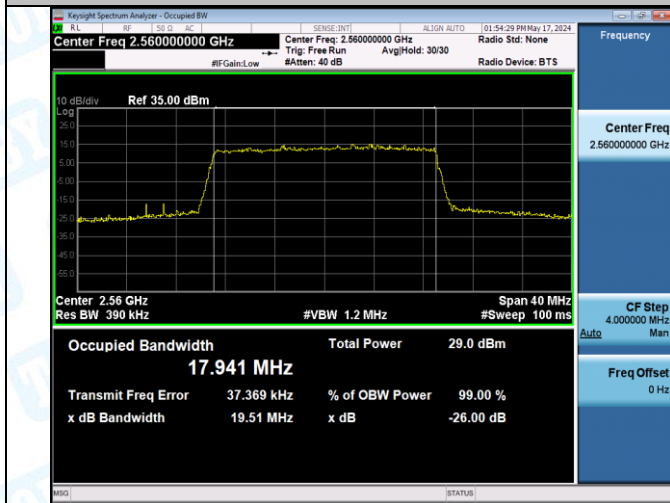
Band7-20MHz-QPSK-21100-100RB#0-PASS



Band7-20MHz-QPSK-21350-100RB#0-PASS



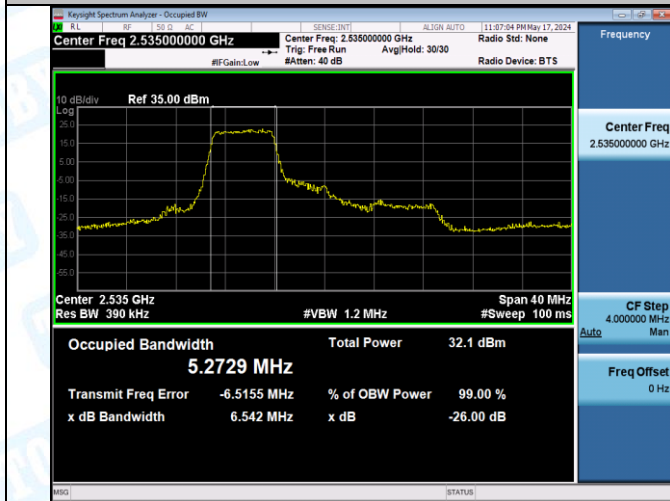
Band7-20MHz-16QAM-20850-27RB#0-PASS



Band7-20MHz-16QAM-21100-27RB#0-PASS



Band7-20MHz-16QAM-21350-27RB#0-PASS





## 4: Band Edge

### Test Result

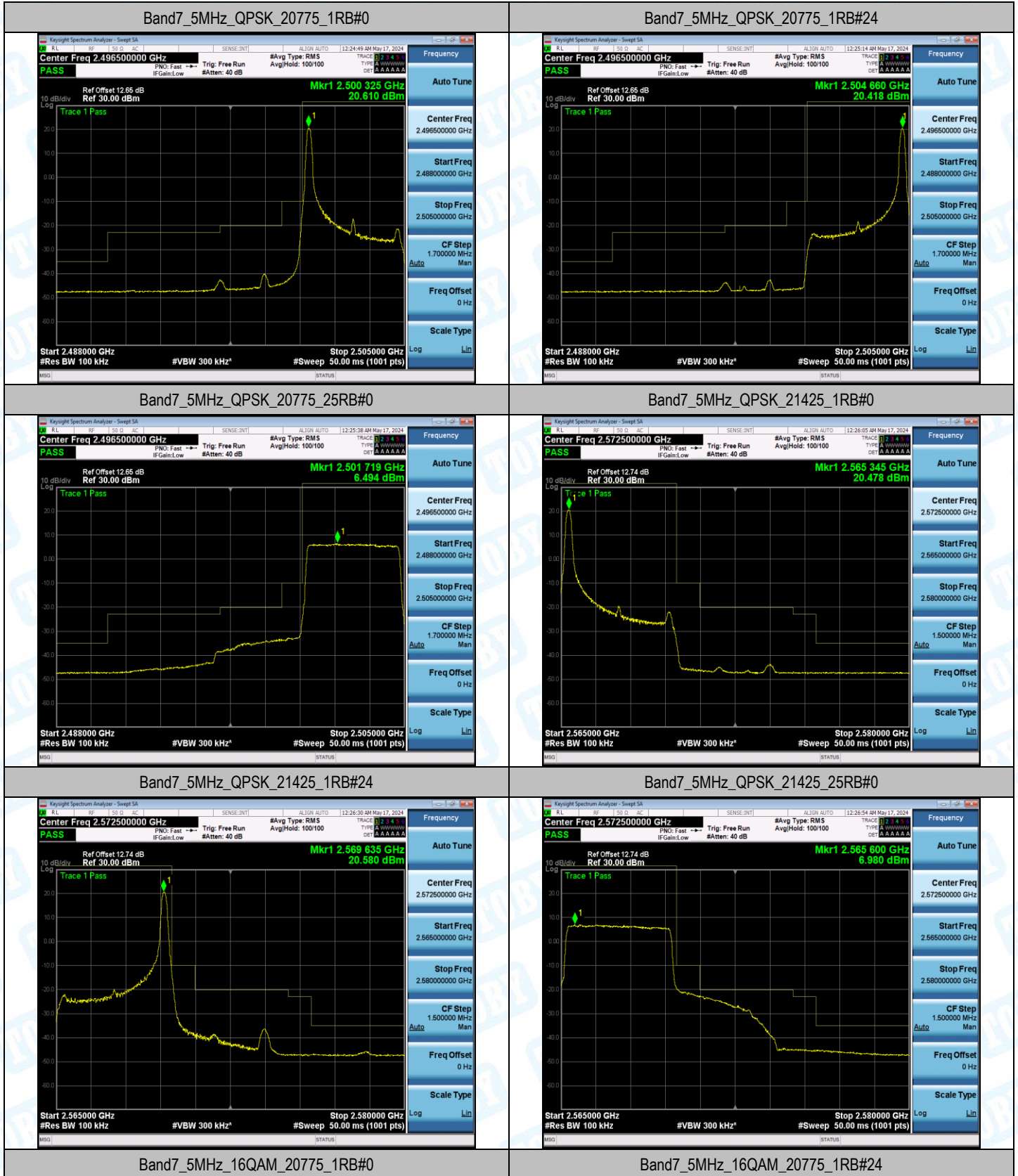
| Band  | Bandwidth | Modulation | Channel | RB Configuration | Level_dBm | Margin | Verdict |
|-------|-----------|------------|---------|------------------|-----------|--------|---------|
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#0            | -16.79    | 6.79   | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#24           | -47.19    | 12.19  | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 25RB#0           | -46.87    | 11.87  | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#0            | -46.94    | 11.94  | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#24           | -15.62    | 5.62   | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 25RB#0           | -22.61    | 2.61   | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#0            | -18.23    | 8.23   | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#24           | -47.10    | 12.10  | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 25RB#0           | -46.96    | 11.96  | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 1RB#0            | -46.94    | 11.94  | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 1RB#24           | -15.93    | 5.93   | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 25RB#0           | -24.87    | 4.87   | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 1RB#0            | -17.69    | 7.69   | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 1RB#49           | -44.45    | 12.45  | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 50RB#0           | -43.17    | 11.17  | PASS    |
| Band7 | 10MHz     | QPSK       | 21400   | 1RB#0            | -44.25    | 12.25  | PASS    |
| Band7 | 10MHz     | QPSK       | 21400   | 1RB#49           | -16.02    | 6.02   | PASS    |
| Band7 | 10MHz     | QPSK       | 21400   | 50RB#0           | -24.73    | 7.73   | PASS    |
| Band7 | 10MHz     | 16QAM      | 20800   | 1RB#0            | -18.64    | 8.64   | PASS    |
| Band7 | 10MHz     | 16QAM      | 20800   | 1RB#49           | -44.42    | 12.42  | PASS    |
| Band7 | 10MHz     | 16QAM      | 21400   | 1RB#0            | -44.09    | 12.09  | PASS    |
| Band7 | 10MHz     | 16QAM      | 21400   | 1RB#49           | -16.70    | 6.70   | PASS    |
| Band7 | 15MHz     | QPSK       | 20825   | 1RB#0            | -17.80    | 7.80   | PASS    |
| Band7 | 15MHz     | QPSK       | 20825   | 1RB#74           | -42.68    | 12.48  | PASS    |
| Band7 | 15MHz     | QPSK       | 20825   | 75RB#0           | -42.08    | 11.88  | PASS    |
| Band7 | 15MHz     | QPSK       | 21375   | 1RB#0            | -42.42    | 12.22  | PASS    |
| Band7 | 15MHz     | QPSK       | 21375   | 1RB#74           | -17.88    | 7.88   | PASS    |
| Band7 | 15MHz     | QPSK       | 21375   | 75RB#0           | -25.23    | 10.03  | PASS    |
| Band7 | 15MHz     | 16QAM      | 20825   | 1RB#0            | -18.34    | 8.34   | PASS    |
| Band7 | 15MHz     | 16QAM      | 20825   | 1RB#74           | -42.65    | 12.45  | PASS    |
| Band7 | 15MHz     | 16QAM      | 21375   | 1RB#0            | -42.44    | 12.24  | PASS    |
| Band7 | 15MHz     | 16QAM      | 21375   | 1RB#74           | -18.52    | 8.52   | PASS    |
| Band7 | 20MHz     | QPSK       | 20850   | 1RB#0            | -22.33    | 12.23  | PASS    |
| Band7 | 20MHz     | QPSK       | 20850   | 1RB#99           | -41.56    | 12.46  | PASS    |
| Band7 | 20MHz     | QPSK       | 20850   | 100RB#0          | -41.42    | 12.32  | PASS    |
| Band7 | 20MHz     | QPSK       | 21350   | 1RB#0            | -41.17    | 12.07  | PASS    |
| Band7 | 20MHz     | QPSK       | 21350   | 1RB#99           | -19.75    | 9.65   | PASS    |
| Band7 | 20MHz     | QPSK       | 21350   | 100RB#0          | -27.70    | 10.60  | PASS    |

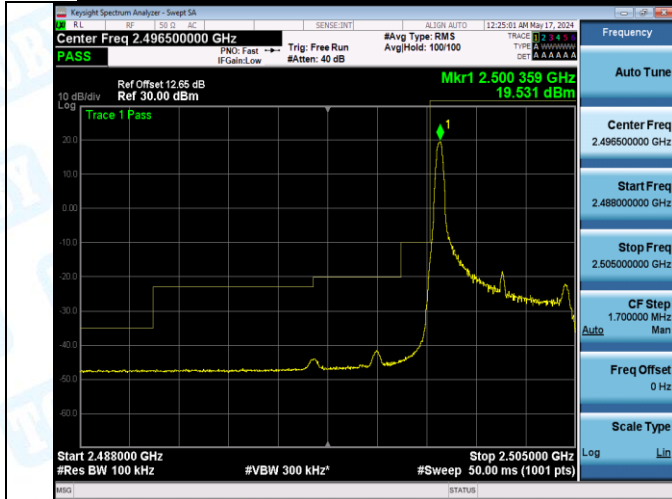


|       |       |       |       |        |        |       |      |
|-------|-------|-------|-------|--------|--------|-------|------|
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0  | -20.10 | 10.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#99 | -41.55 | 12.45 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0  | -41.22 | 12.12 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#99 | -19.19 | 9.09  | PASS |

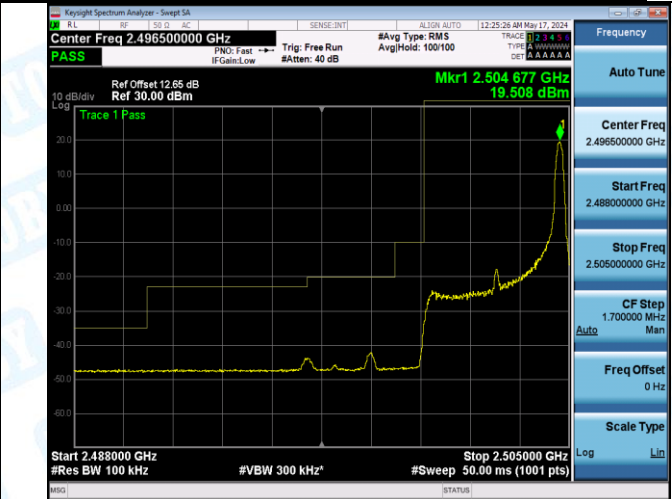


## Test Graphs

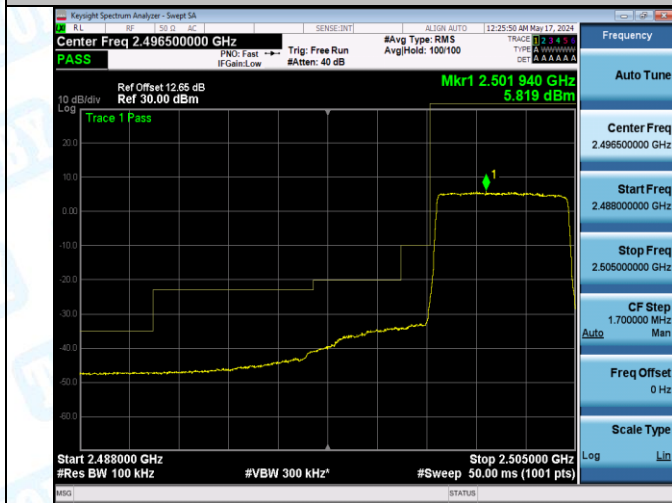




Band7\_5MHz\_16QAM\_20775\_25RB#0



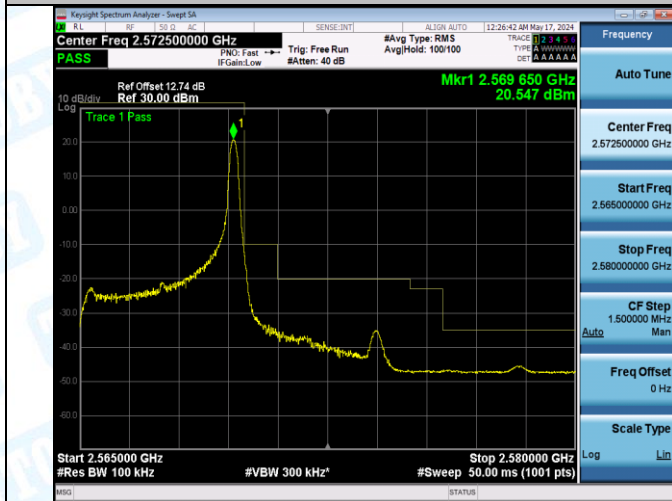
Band7\_5MHz\_16QAM\_21425\_1RB#0



Band7\_5MHz\_16QAM\_21425\_1RB#24



Band7\_5MHz\_16QAM\_21425\_25RB#0

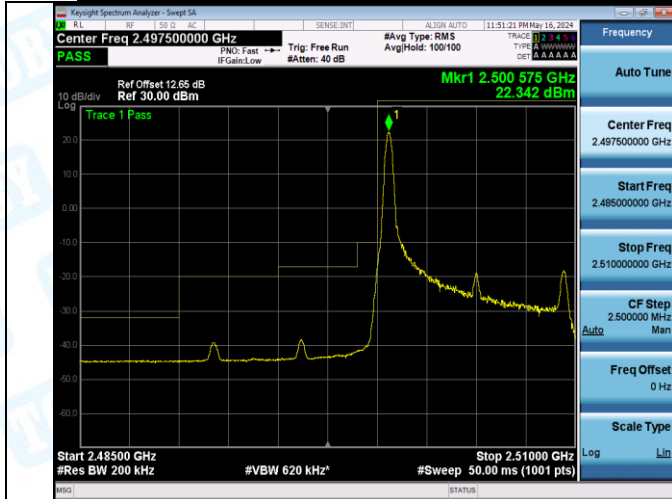


Band7\_10MHz\_QPSK\_20800\_1RB#0

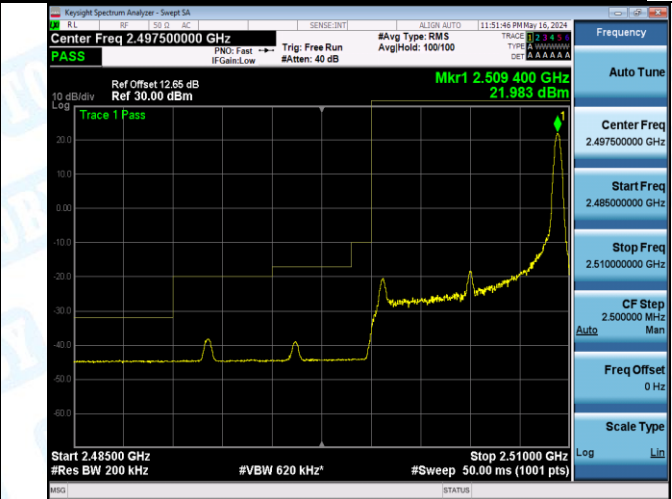


Band7\_10MHz\_QPSK\_20800\_1RB#49





Band7\_10MHz\_QPSK\_20800\_50RB#0



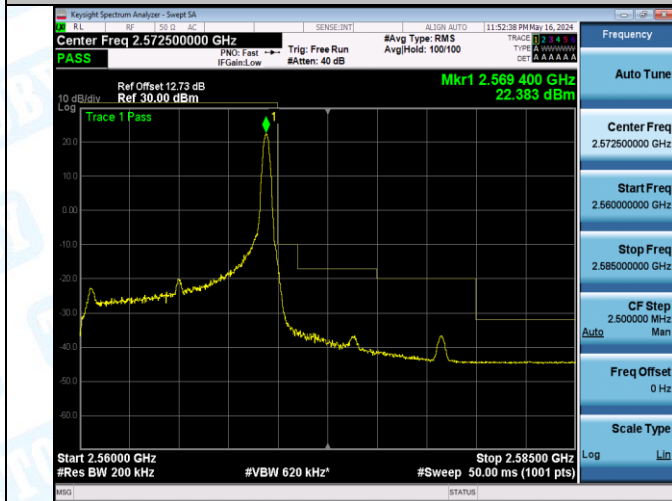
Band7\_10MHz\_QPSK\_21400\_1RB#0



Band7\_10MHz\_QPSK\_21400\_1RB#49



Band7\_10MHz\_QPSK\_21400\_50RB#0



Band7\_10MHz\_16QAM\_20800\_1RB#0



Band7\_10MHz\_16QAM\_20800\_1RB#49