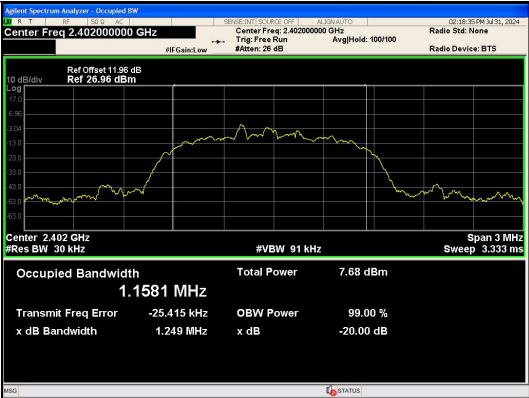
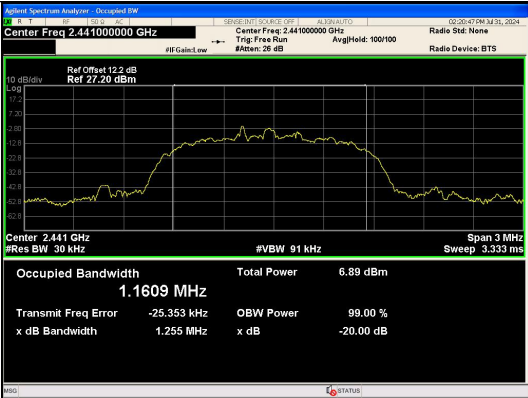
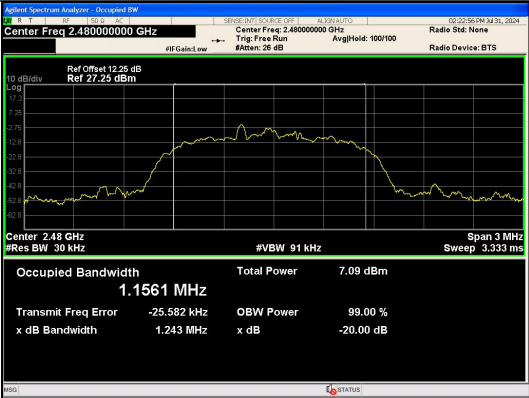




8DPSK 3-DH5 Channel 0



8DPSK 3-DH5 Channel 39

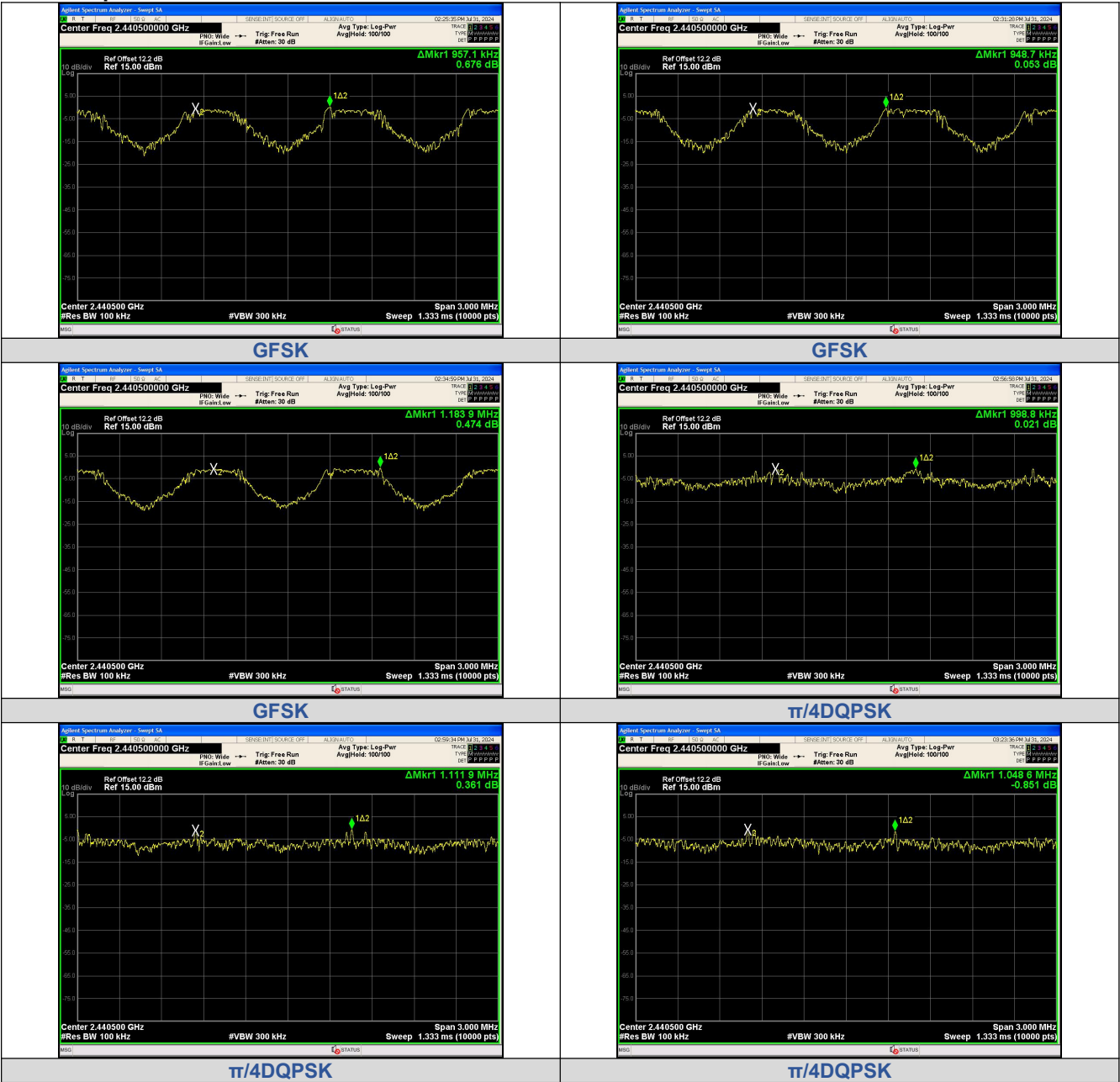


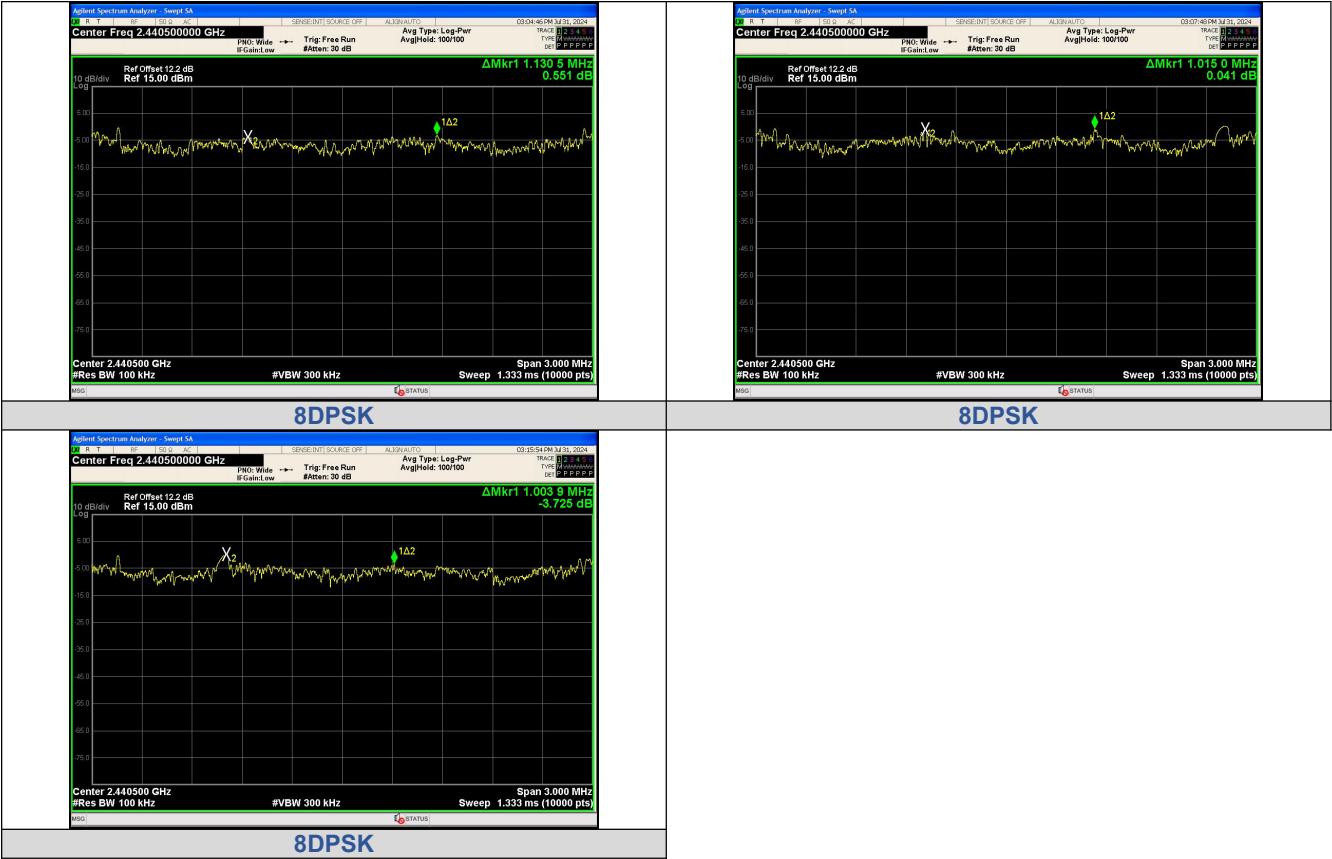
8DPSK 3-DH5 Channel 78

APPENDIX VII. Carrier Frequencies Separation  
Test Result

| Modulation    | Packet | Left Center frequency (MHz) | Right Center frequency (MHz) | Hopping Frequency Separation (MHz) | Limit (MHz) | Result |
|---------------|--------|-----------------------------|------------------------------|------------------------------------|-------------|--------|
| GFSK          | DH5    | 2439.8425                   | 2440.7996                    | 0.9571                             | 0.625       | PASS   |
| GFSK          | DH5    | 2439.8353                   | 2440.784                     | 0.9487                             | 0.628       | PASS   |
| GFSK          | DH5    | 2439.9727                   | 2441.1566                    | 1.1839                             | 0.629       | PASS   |
| $\pi$ /4DQPSK | 2-DH5  | 2439.9967                   | 2440.9955                    | 0.9988                             | 0.844       | PASS   |
| $\pi$ /4DQPSK | 2-DH5  | 2439.8428                   | 2440.9547                    | 1.1119                             | 0.853       | PASS   |
| $\pi$ /4DQPSK | 2-DH5  | 2439.8002                   | 2440.8488                    | 1.0486                             | 0.859       | PASS   |
| 8DPSK         | 3-DH5  | 2439.9355                   | 2441.066                     | 1.1305                             | 0.833       | PASS   |
| 8DPSK         | 3-DH5  | 2440.0141                   | 2441.0291                    | 1.0150                             | 0.837       | PASS   |
| 8DPSK         | 3-DH5  | 2439.8053                   | 2440.8092                    | 1.0039                             | 0.829       | PASS   |

Test Graphs





**APPENDIX VIII. Conducted Out Of Band Emission****Test Result****Non-Hopping**

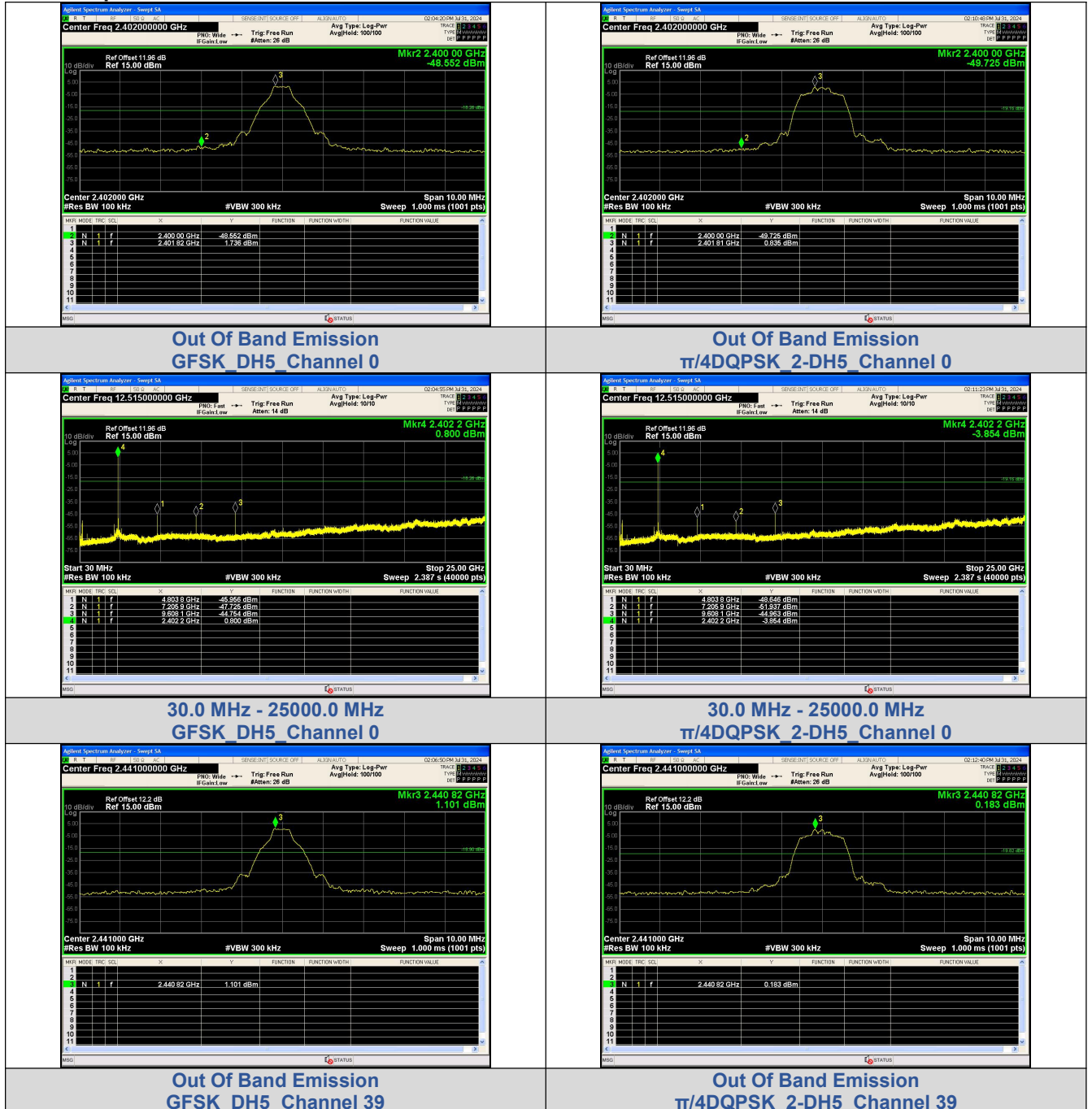
| Modulation    | Packet | Channel | OOB Emission Frequency (MHz) | OOB Emission Level (dBm) | Limit (dBm) | Over Limit (dB) | Result |
|---------------|--------|---------|------------------------------|--------------------------|-------------|-----------------|--------|
| GFSK          | DH5    | 0       | 2400.00                      | -48.552                  | -18.26      | -30.292         | PASS   |
|               |        |         | 4803.76                      | -45.956                  | -18.26      | -27.696         | PASS   |
|               |        |         | 7205.93                      | -47.725                  | -18.26      | -29.465         | PASS   |
|               |        |         | 9608.11                      | -44.754                  | -18.26      | -26.494         | PASS   |
|               |        | 39      | 4881.79                      | -45.378                  | -18.9       | -26.478         | PASS   |
|               |        |         | 7323.30                      | -49.368                  | -18.9       | -30.468         | PASS   |
|               |        |         | 9764.17                      | -45.564                  | -18.9       | -26.664         | PASS   |
|               |        | 78      | 2483.50                      | -49.744                  | -18.8       | -30.944         | PASS   |
|               |        |         | 4959.83                      | -46.646                  | -18.8       | -27.846         | PASS   |
|               |        |         | 7440.03                      | -48.980                  | -18.8       | -30.180         | PASS   |
|               |        |         | 9919.62                      | -46.222                  | -18.8       | -27.422         | PASS   |
|               |        |         | 24667.9                      | -45.996                  | -18.8       | -27.196         | PASS   |
| $\pi/4$ DQPSK | 2-DH5  | 0       | 2400.00                      | -49.725                  | -19.16      | -30.565         | PASS   |
|               |        |         | 4803.76                      | -48.646                  | -19.16      | -29.486         | PASS   |
|               |        |         | 7205.93                      | -51.937                  | -19.16      | -32.777         | PASS   |
|               |        |         | 9608.11                      | -44.963                  | -19.16      | -25.803         | PASS   |
|               |        | 39      | 4881.79                      | -47.217                  | -19.82      | -27.397         | PASS   |
|               |        |         | 7323.30                      | -53.899                  | -19.82      | -34.079         | PASS   |
|               |        |         | 9764.17                      | -46.733                  | -19.82      | -26.913         | PASS   |
|               |        |         | 24979.4                      | -45.973                  | -19.82      | -26.153         | PASS   |
|               |        | 78      | 2483.50                      | -50.174                  | -19.68      | -30.494         | PASS   |
|               |        |         | 4959.83                      | -47.229                  | -19.68      | -27.549         | PASS   |
|               |        |         | 7440.03                      | -51.066                  | -19.68      | -31.386         | PASS   |
|               |        |         | 9919.62                      | -46.604                  | -19.68      | -26.924         | PASS   |
|               |        |         | 24932.0                      | -45.876                  | -19.68      | -26.196         | PASS   |
| 8DPSK         | 3-DH5  | 0       | 2400.00                      | -49.787                  | -19.07      | -30.717         | PASS   |
|               |        |         | 4803.76                      | -48.050                  | -19.07      | -28.980         | PASS   |
|               |        |         | 7205.93                      | -50.182                  | -19.07      | -31.112         | PASS   |
|               |        |         | 9608.11                      | -45.288                  | -19.07      | -26.218         | PASS   |
|               |        |         | 24949.4                      | -45.231                  | -19.07      | -26.161         | PASS   |
|               |        | 39      | 4881.79                      | -48.181                  | -19.79      | -28.391         | PASS   |
|               |        |         | 7322.67                      | -49.677                  | -19.79      | -29.887         | PASS   |
|               |        |         | 9764.17                      | -46.520                  | -19.79      | -26.730         | PASS   |
|               |        |         | 24855.2                      | -45.376                  | -19.79      | -25.586         | PASS   |
|               |        | 78      | 2483.50                      | -51.410                  | -19.73      | -31.680         | PASS   |
|               |        |         | 4959.83                      | -47.178                  | -19.73      | -27.448         | PASS   |
|               |        |         | 7440.03                      | -52.953                  | -19.73      | -33.224         | PASS   |
|               |        |         | 9919.62                      | -47.017                  | -19.73      | -27.287         | PASS   |
|               |        |         | 24845.2                      | -45.017                  | -19.73      | -25.287         | PASS   |

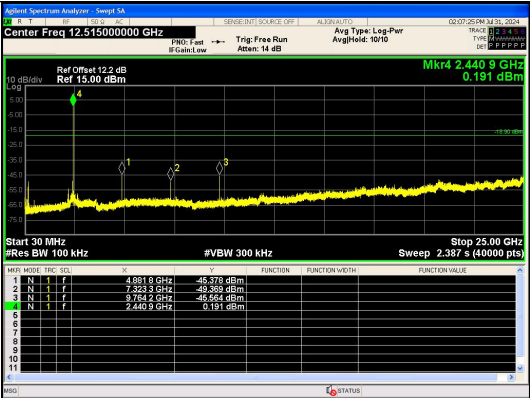
**Hopping**

| Modulation | Packet  | Channel | OOB<br>Emission<br>Frequency<br>(MHz) | OOB<br>Emission<br>Level<br>(dBm) | Limit<br>(dBm) | Over Limit<br>(dB) | Result |
|------------|---------|---------|---------------------------------------|-----------------------------------|----------------|--------------------|--------|
| GFSK       | DH5     | Hopping | 2398.31                               | -46.528                           | -19.09         | -27.438            | PASS   |
|            |         |         | 2400.00                               | -48.408                           | -19.09         | -29.318            | PASS   |
|            |         |         | 2483.50                               | -47.786                           | -19.68         | -28.106            | PASS   |
|            |         |         | 2396.45                               | -46.432                           | -19.13         | -27.302            | PASS   |
|            |         |         | 2400.00                               | -51.032                           | -19.13         | -31.902            | PASS   |
|            |         |         | 2483.50                               | -48.363                           | -20.42         | -27.943            | PASS   |
|            |         |         | 2395.32                               | -44.902                           | -19.11         | -25.792            | PASS   |
|            |         |         | 2400.00                               | -49.777                           | -19.11         | -30.667            | PASS   |
| 2483.50    | -47.826 |         | -19.76                                | -28.066                           | PASS           |                    |        |
| π/4DQPSK   | 2-DH5   |         | 2397.14                               | -48.517                           | -19.21         | -29.307            | PASS   |
|            |         |         | 2400.00                               | -50.857                           | -19.21         | -31.647            | PASS   |
|            |         |         | 2483.50                               | -50.146                           | -19.94         | -30.206            | PASS   |
|            |         |         | 2398.33                               | -48.516                           | -19.19         | -29.326            | PASS   |
|            |         |         | 2400.00                               | -51.353                           | -19.19         | -32.163            | PASS   |
|            |         |         | 2483.50                               | -49.740                           | -19.92         | -29.820            | PASS   |

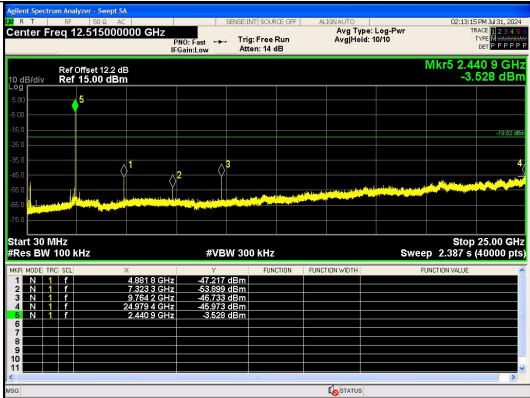
|       |       |  |         |         |        |         |      |
|-------|-------|--|---------|---------|--------|---------|------|
| 8DPSK | 3-DH5 |  | 2397.38 | -47.935 | -20.16 | -27.775 | PASS |
|       |       |  | 2400.00 | -51.694 | -20.16 | -31.534 | PASS |
|       |       |  | 2483.50 | -50.637 | -22.8  | -27.837 | PASS |
|       |       |  | 2398.59 | -48.115 | -19.27 | -28.845 | PASS |
|       |       |  | 2400.00 | -50.733 | -19.27 | -31.463 | PASS |
|       |       |  | 2483.50 | -48.912 | -19.79 | -29.122 | PASS |
|       |       |  | 2398.17 | -45.976 | -19.17 | -26.806 | PASS |
|       |       |  | 2400.00 | -49.294 | -19.17 | -30.124 | PASS |
|       |       |  | 2483.50 | -49.424 | -20.79 | -28.634 | PASS |
|       |       |  | 2398.15 | -45.997 | -19.13 | -26.867 | PASS |
|       |       |  | 2400.00 | -49.548 | -19.13 | -30.418 | PASS |
|       |       |  | 2483.50 | -50.712 | -19.75 | -30.962 | PASS |

## Test Graphs

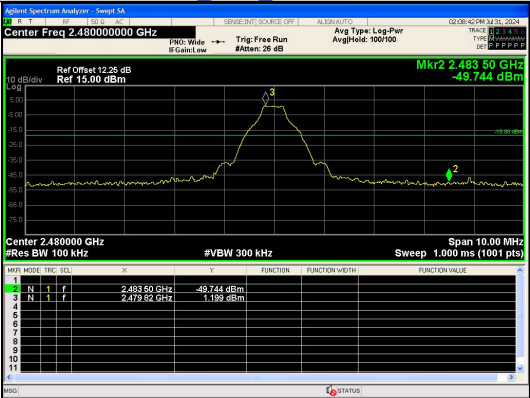




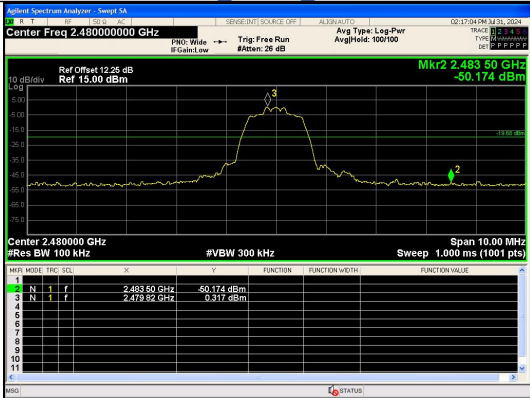
30.0 MHz - 25000.0 MHz  
GFSK\_DH5\_Channel 39



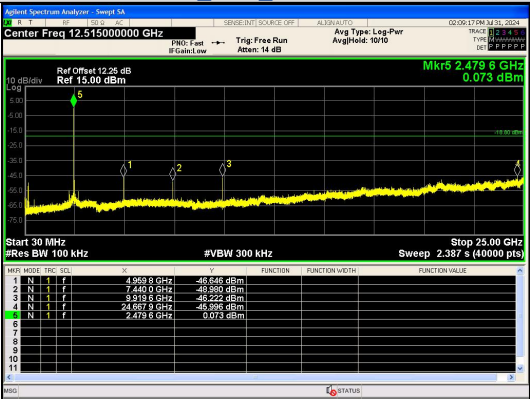
30.0 MHz - 25000.0 MHz  
 $\pi/4$ DQPSK\_2-DH5\_Channel 39



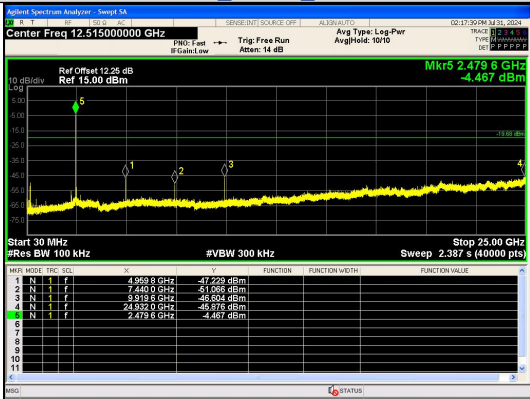
Out Of Band Emission  
GFSK\_DH5\_Channel 78



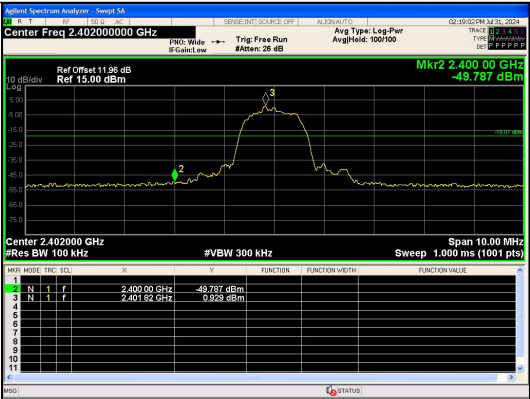
Out Of Band Emission  
 $\pi/4$ DQPSK\_2-DH5\_Channel 78



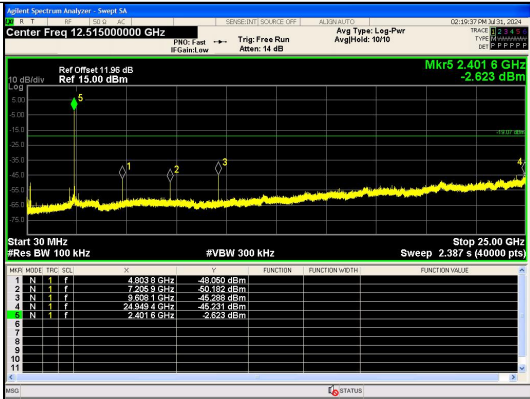
30.0 MHz - 25000.0 MHz  
GFSK\_DH5\_Channel 78



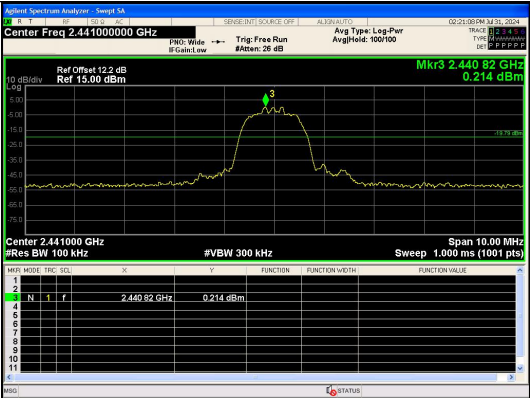
30.0 MHz - 25000.0 MHz  
 $\pi/4$ DQPSK\_2-DH5\_Channel 78



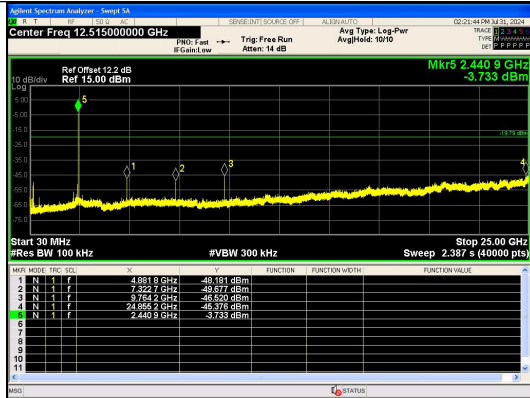
Out Of Band Emission  
8DPSK\_3-DH5\_Channel 0



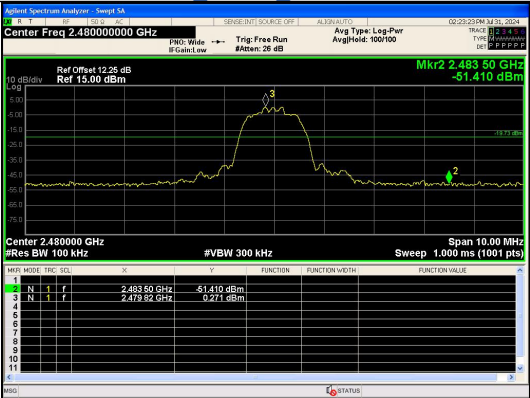
30.0 MHz - 25000.0 MHz  
8DPSK\_3-DH5\_Channel 0



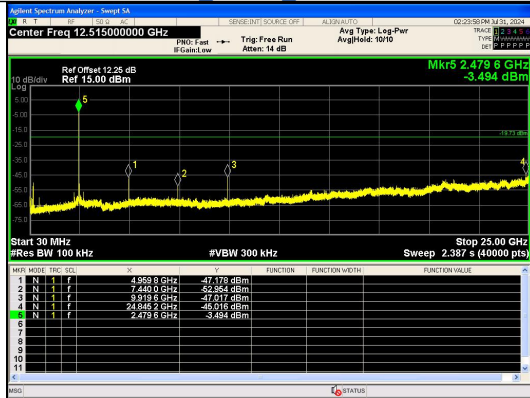
Out Of Band Emission  
8DPSK\_3-DH5\_Channel 39



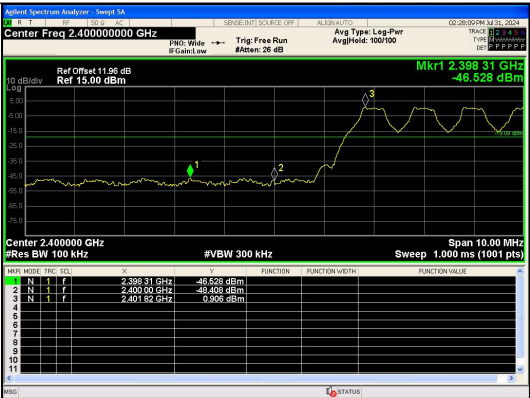
30.0 MHz - 25000.0 MHz  
8DPSK\_3-DH5\_Channel 39



Out Of Band Emission  
8DPSK\_3-DH5\_Channel 78



30.0 MHz - 25000.0 MHz  
8DPSK\_3-DH5\_Channel 78



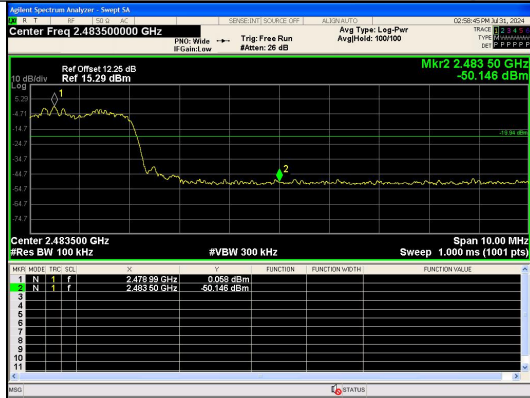
Out Of Band Emission(Left)  
GFSK\_DH5\_Channel Hopping



Out Of Band Emission(Left)  
 $\pi/4$ DQPSK\_2-DH5\_Channel Hopping



Out Of Band Emission(Right)  
GFSK\_DH5\_Channel Hopping



Out Of Band Emission(Right)  
 $\pi/4$ DQPSK\_2-DH5\_Channel Hopping