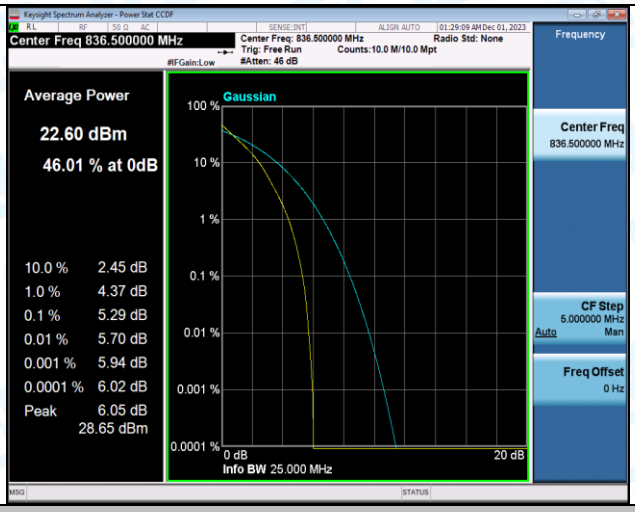
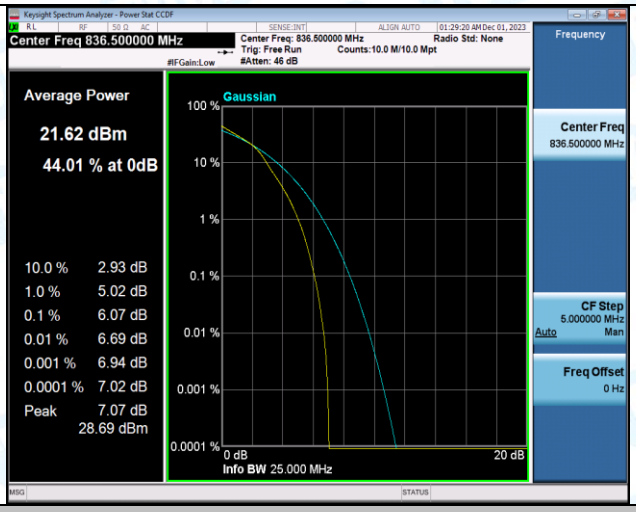
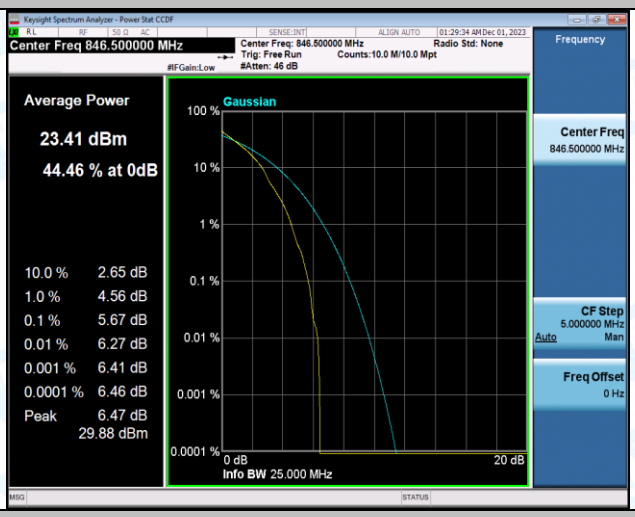


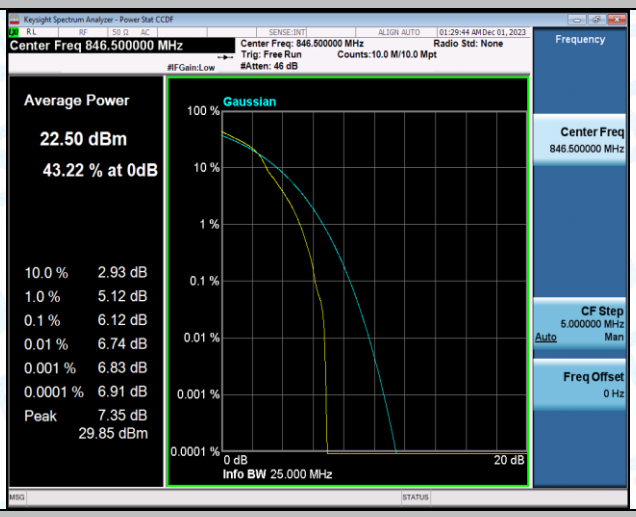

Band5-5MHz-QPSK-20625-1RB#0-PASS



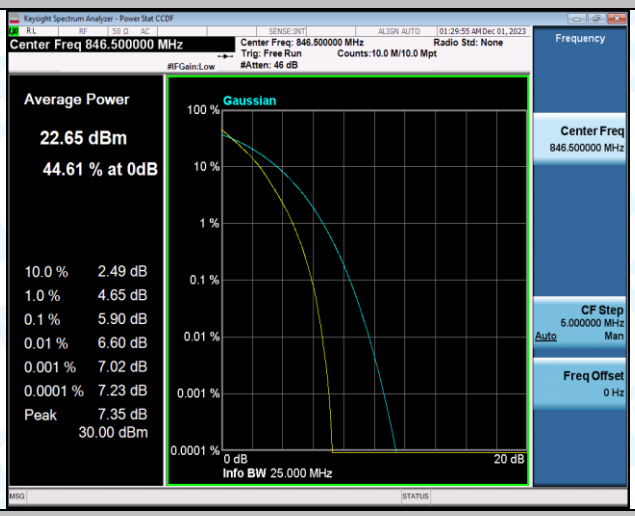

Band5-5MHz-16QAM-20625-1RB#0-PASS



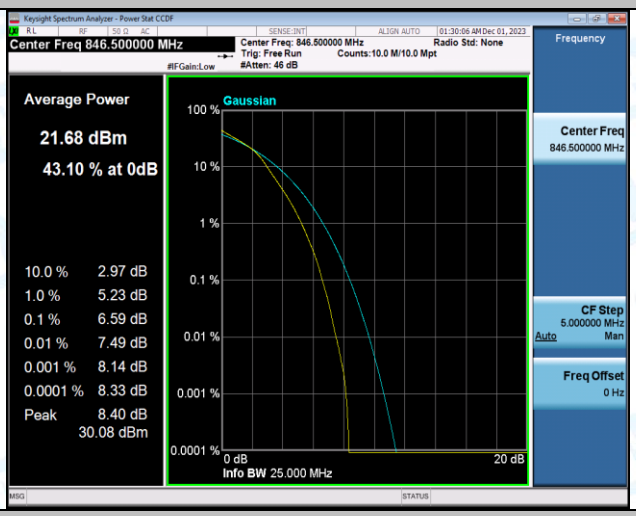

Band5-5MHz-QPSK-20625-25RB#0-PASS



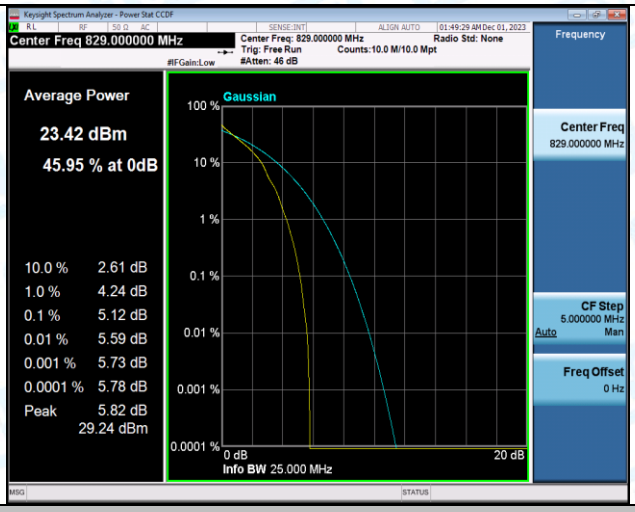

Band5-5MHz-16QAM-20625-25RB#0-PASS



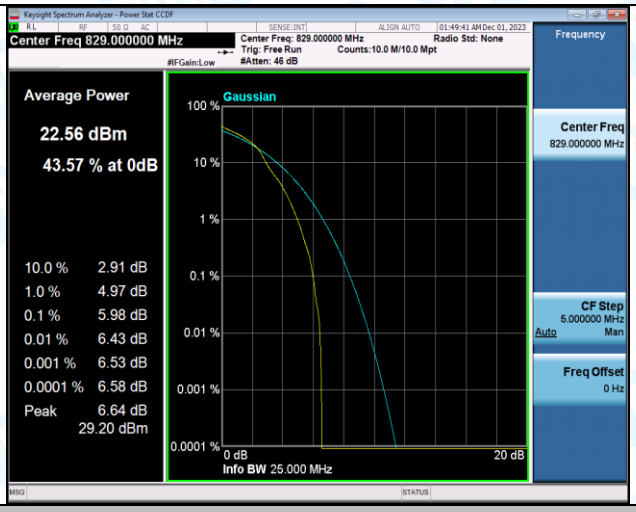

Band5-10MHz-QPSK-20450-1RB#0-PASS



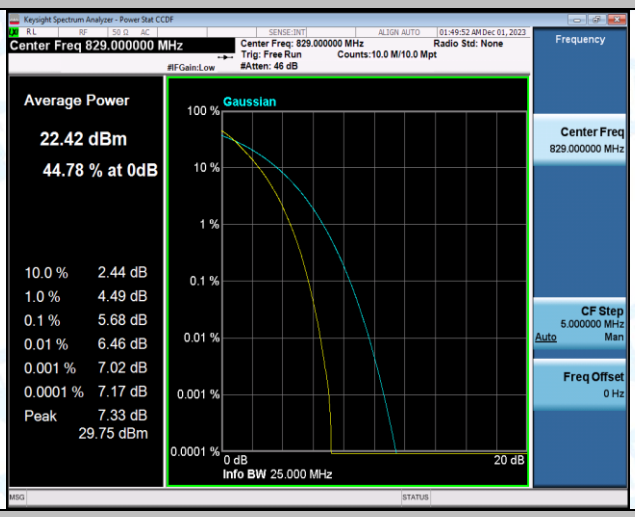

Band5-10MHz-16QAM-20450-1RB#0-PASS



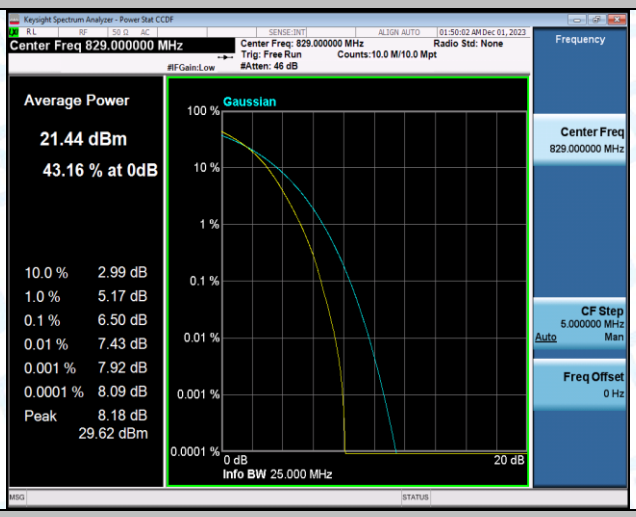

Band5-10MHz-QPSK-20450-50RB#0-PASS



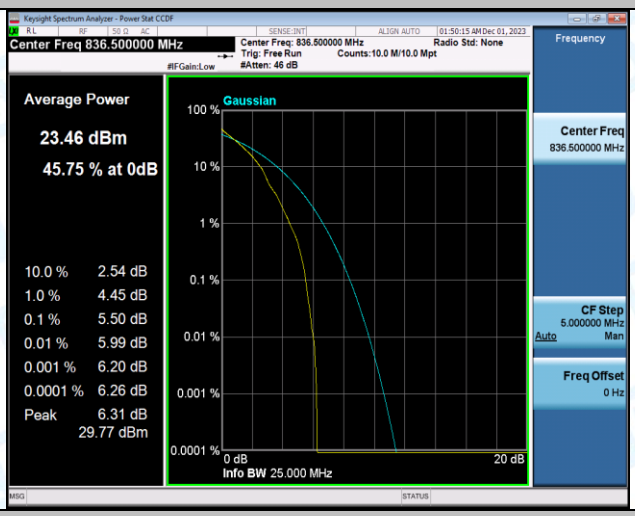

Band5-10MHz-16QAM-20450-50RB#0-PASS



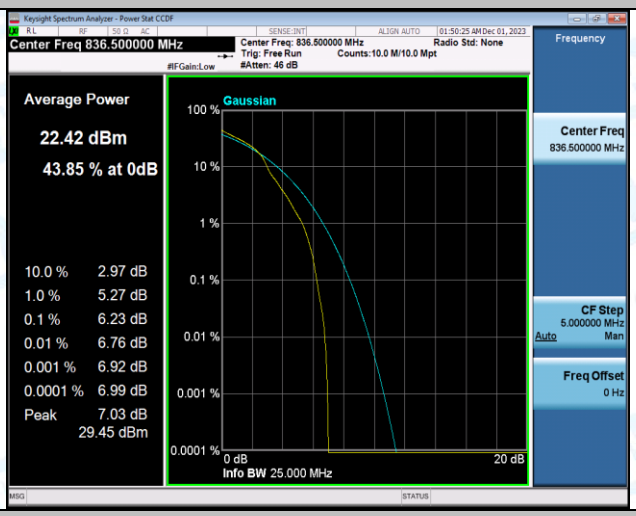

Band5-10MHz-QPSK-20525-1RB#0-PASS



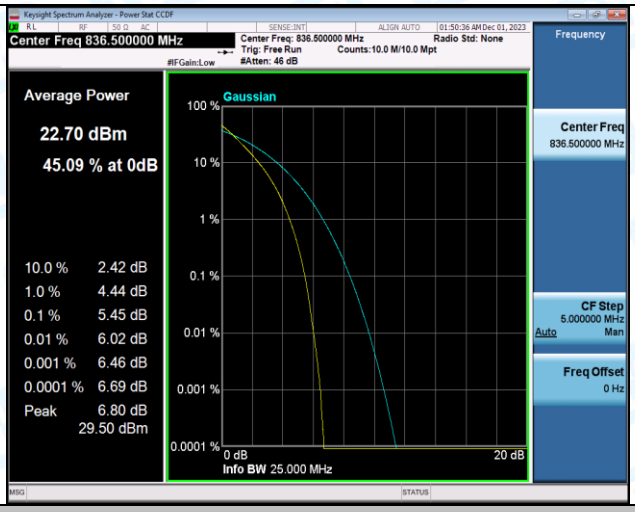

Band5-10MHz-16QAM-20525-1RB#0-PASS



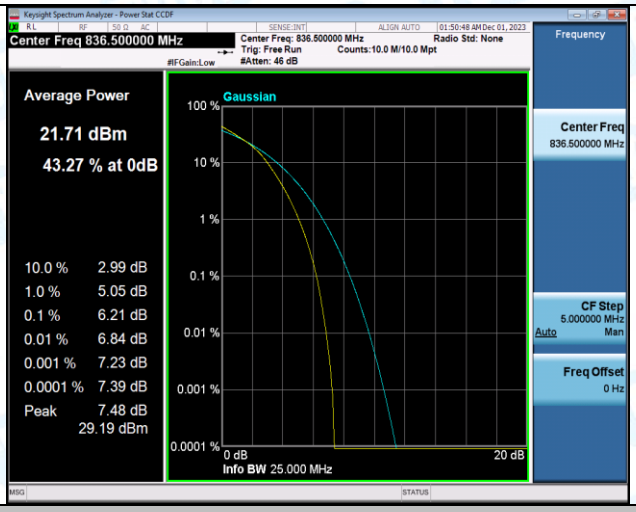

Band5-10MHz-QPSK-20525-50RB#0-PASS



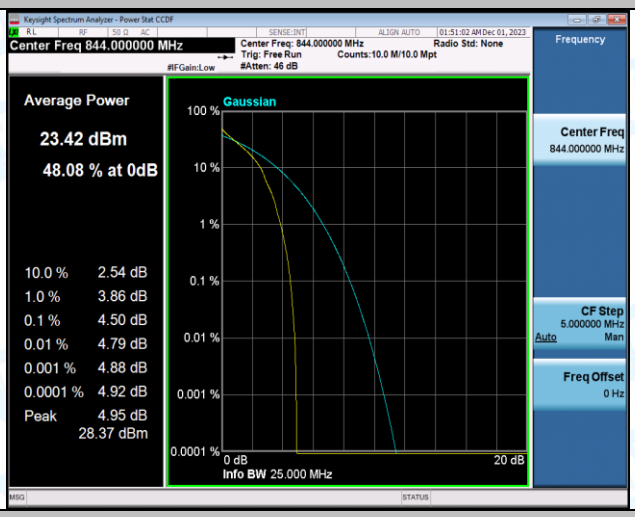

Band5-10MHz-16QAM-20525-50RB#0-PASS



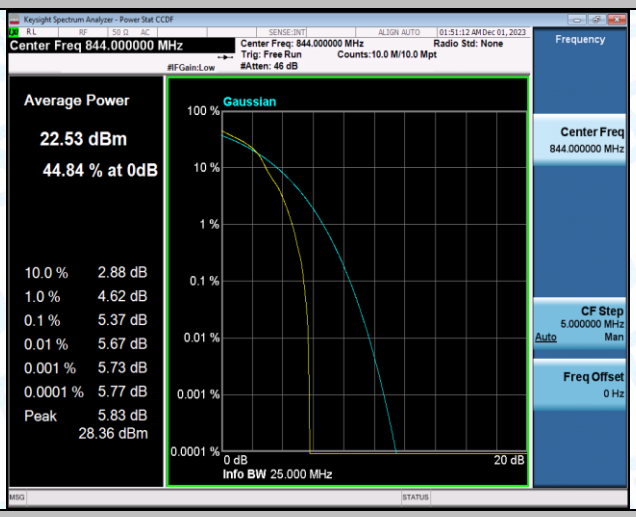

Band5-10MHz-QPSK-20600-1RB#0-PASS



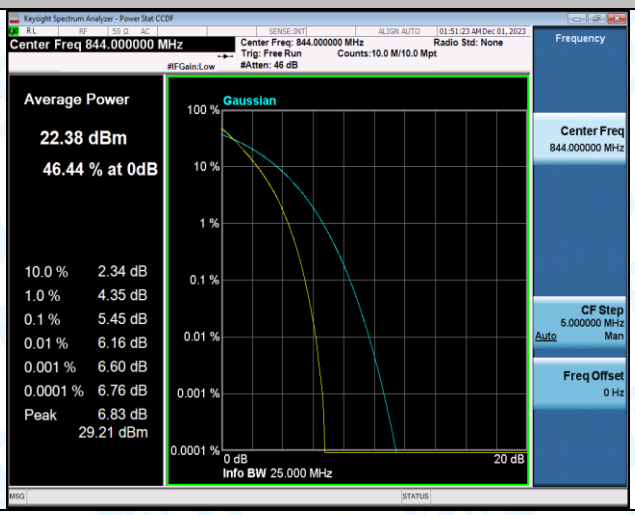

Band5-10MHz-16QAM-20600-1RB#0-PASS

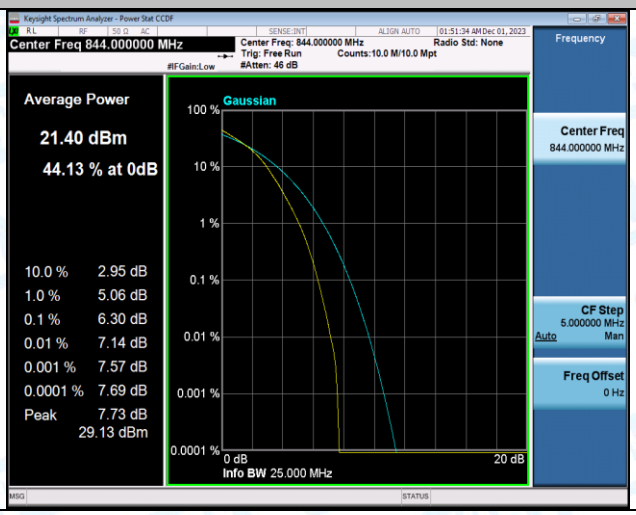



Band5-10MHz-QPSK-20600-50RB#0-PASS




Band5-10MHz-16QAM-20600-50RB#0-PASS



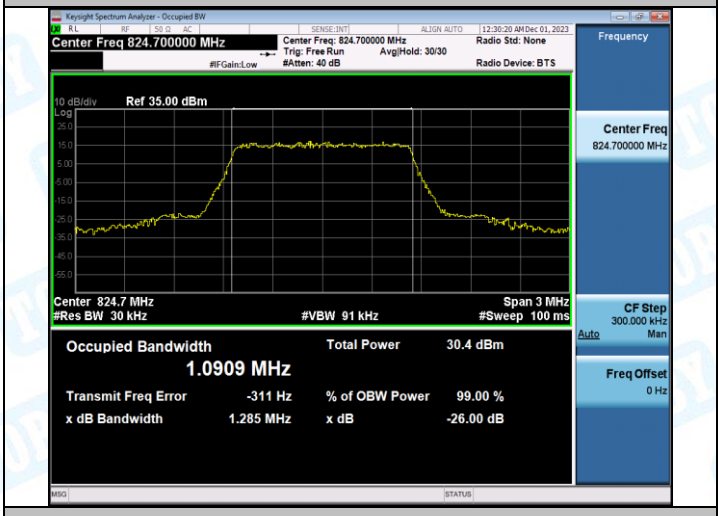
# 3. 26dB Bandwidth and Occupied Bandwidth

## Test Result

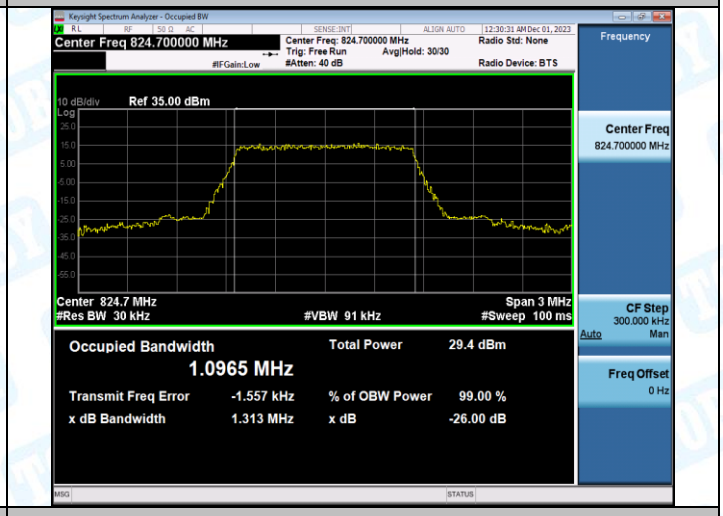
| Band | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|---|---|---|---|---|---|---|---|
| Band5 | 1.4MHz | QPSK | 20407 | 6RB#0 | 1.0909 | 1.285 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | 1.0965 | 1.313 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 6RB#0 | 1.0900 | 1.281 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0 | 1.0950 | 1.310 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 6RB#0 | 1.0939 | 1.280 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0 | 1.0978 | 1.298 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 15RB#0 | 2.6883 | 2.902 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 15RB#0 | 2.6760 | 2.896 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 15RB#0 | 2.6896 | 2.926 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 15RB#0 | 2.6760 | 2.909 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 15RB#0 | 2.6896 | 2.901 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 15RB#0 | 2.6807 | 2.893 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 25RB#0 | 4.4871 | 4.932 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 25RB#0 | 4.4825 | 4.892 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 25RB#0 | 4.4880 | 4.910 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 25RB#0 | 4.4947 | 4.940 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 25RB#0 | 4.4985 | 4.942 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 25RB#0 | 4.4956 | 4.920 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | 8.9722 | 9.774 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | 8.9804 | 9.651 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | 9.0203 | 9.797 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | 8.9952 | 9.747 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | 8.9468 | 9.748 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | 8.9582 | 9.664 | PASS |

## Test Graphs

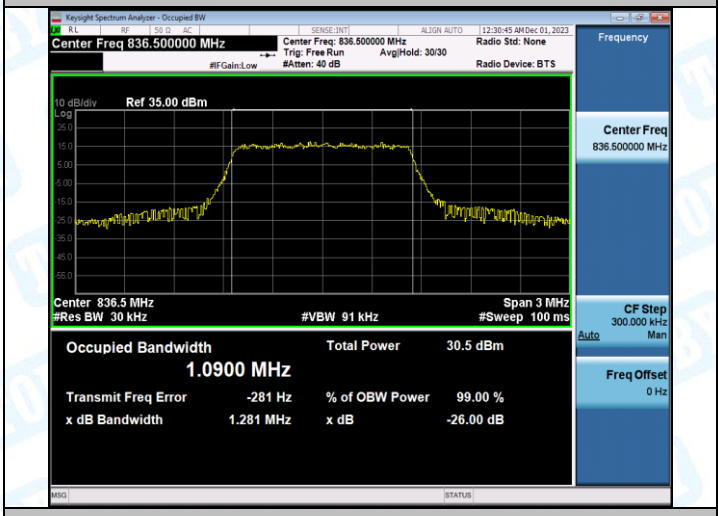
Band5-1.4MHz-QPSK-20407-6RB#0-PASS



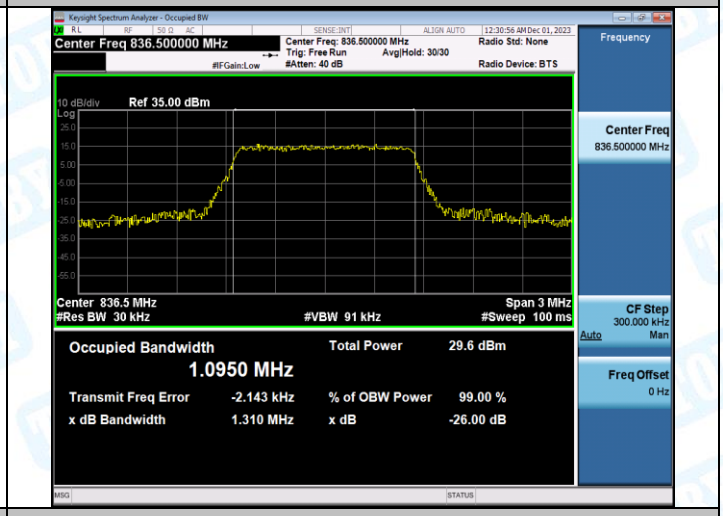

Band5-1.4MHz-16QAM-20407-6RB#0-PASS



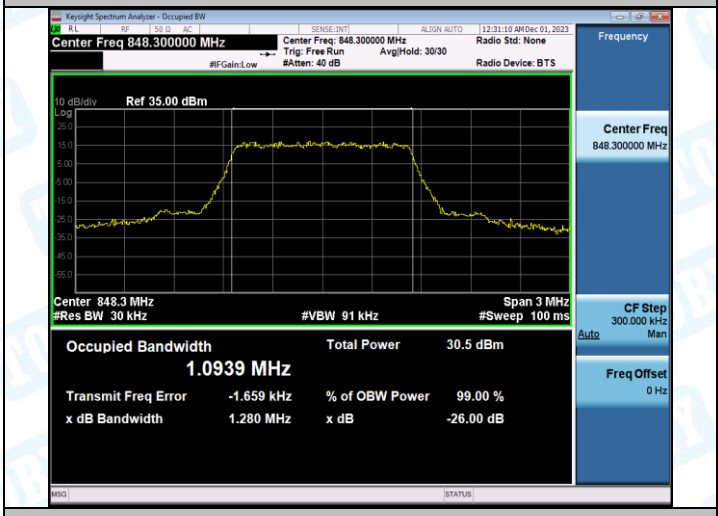

Band5-1.4MHz-QPSK-20525-6RB#0-PASS



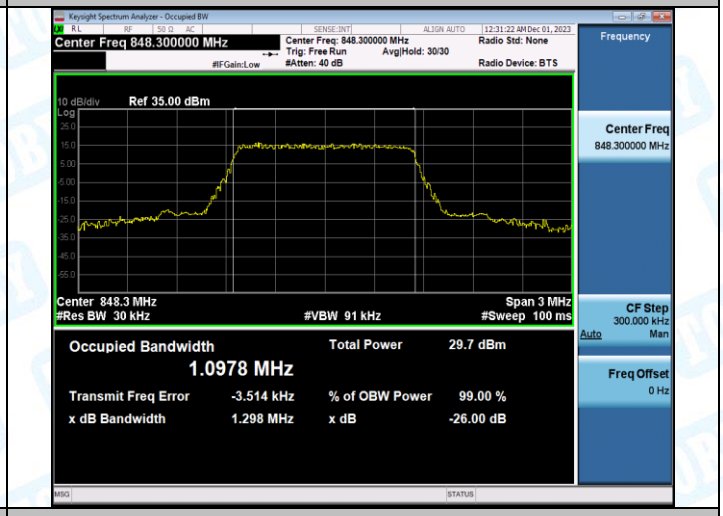

Band5-1.4MHz-16QAM-20525-6RB#0-PASS




Band5-1.4MHz-QPSK-20643-6RB#0-PASS

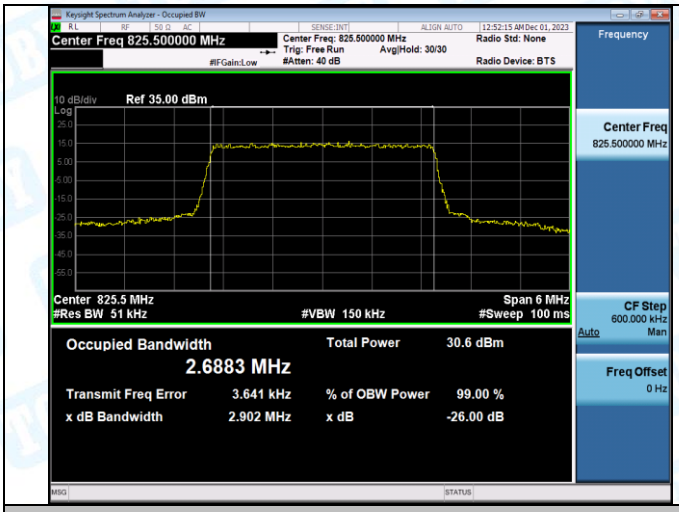



Band5-1.4MHz-16QAM-20643-6RB#0-PASS




Band5-3MHz-QPSK-20415-15RB#0-PASS

Band5-3MHz-16QAM-20415-15RB#0-PASS



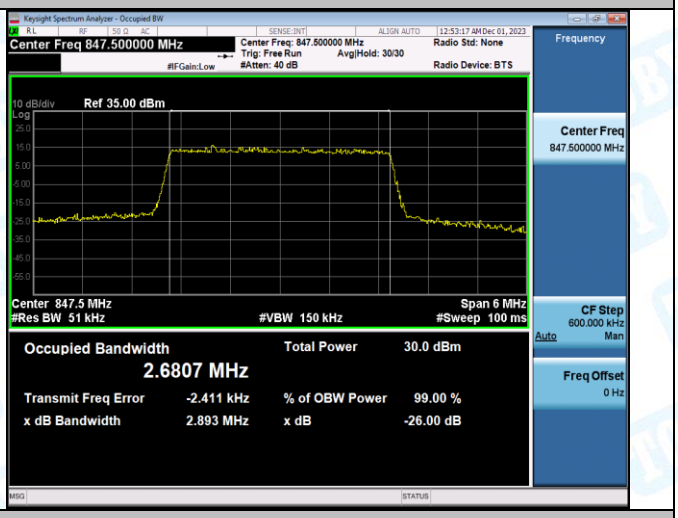

Band5-3MHz-QPSK-20525-15RB#0-PASS

Band5-3MHz-16QAM-20525-15RB#0-PASS

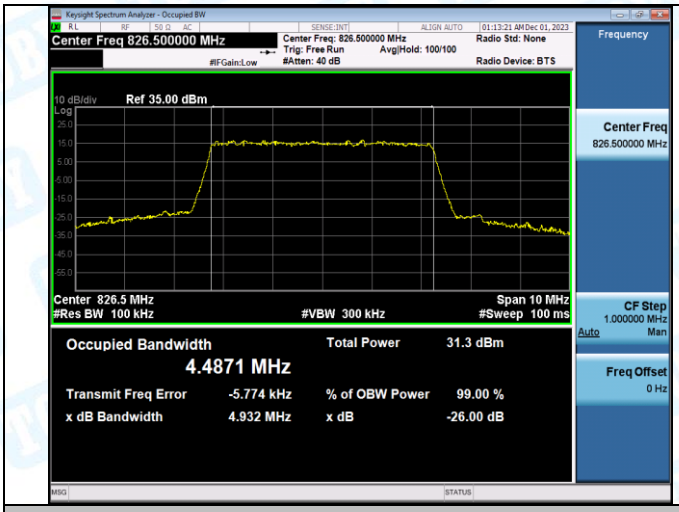
Band5-3MHz-QPSK-20635-15RB#0-PASS

Band5-3MHz-16QAM-20635-15RB#0-PASS

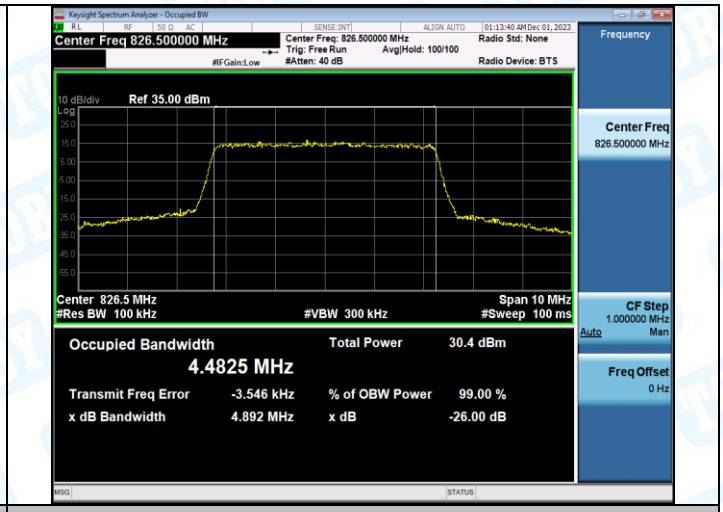
Band5-5MHz-QPSK-20425-25RB#0-PASS




Band5-5MHz-16QAM-20425-25RB#0-PASS

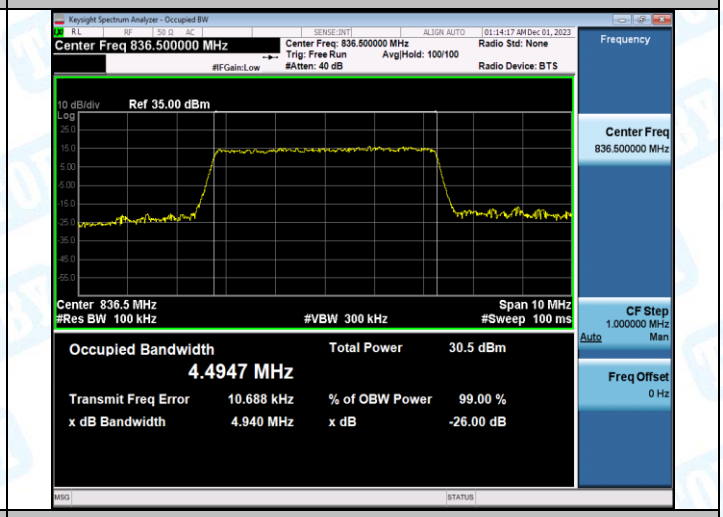



Band5-5MHz-QPSK-20525-25RB#0-PASS




Band5-5MHz-16QAM-20525-25RB#0-PASS

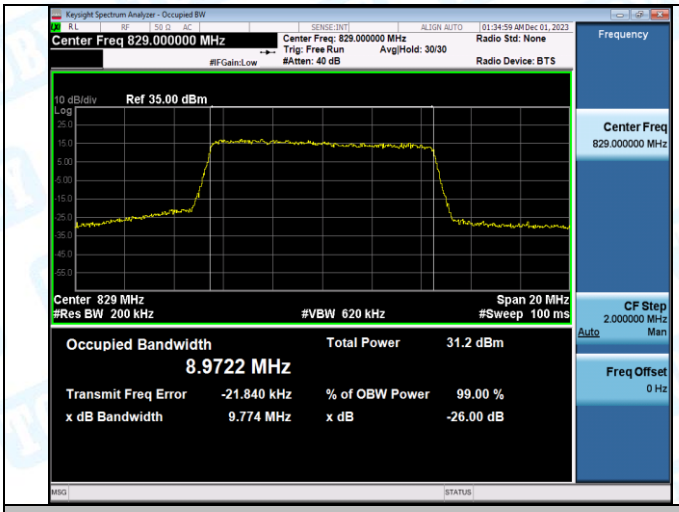
Band5-5MHz-QPSK-20625-25RB#0-PASS




Band5-5MHz-16QAM-20625-25RB#0-PASS

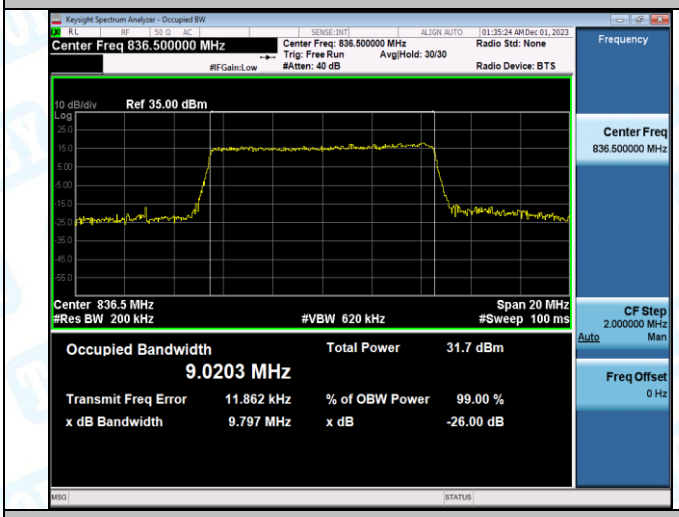
Band5-10MHz-QPSK-20450-50RB#0-PASS

Band5-10MHz-16QAM-20450-50RB#0-PASS




Band5-10MHz-QPSK-20525-50RB#0-PASS

Band5-10MHz-16QAM-20525-50RB#0-PASS




Band5-10MHz-QPSK-20600-50RB#0-PASS

Band5-10MHz-16QAM-20600-50RB#0-PASS

# 4. Band Edge

## Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Level_dBm | Margin | Verdict |
|---|---|---|---|---|---|---|---|
| Band5 | 1.4MHz | QPSK | 20407 | 1RB#0 | -24.05 | 11.05 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#0 | -27.00 | 14.00 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 1RB#5 | -37.03 | 24.03 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#5 | -39.16 | 26.16 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 6RB#0 | -31.48 | 18.48 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | -32.46 | 19.46 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 1RB#0 | -35.77 | 22.77 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#0 | -37.70 | 24.70 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 1RB#5 | -24.22 | 11.22 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#5 | -25.14 | 12.14 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 6RB#0 | -31.10 | 18.10 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0 | -31.35 | 18.35 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 1RB#0 | -22.33 | 9.33 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#0 | -22.97 | 9.97 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 1RB#14 | -49.41 | 31.21 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#14 | -43.01 | 24.81 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 15RB#0 | -31.66 | 18.66 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 15RB#0 | -32.43 | 19.43 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 1RB#0 | -48.23 | 30.03 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#0 | -49.19 | 30.99 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 1RB#14 | -21.64 | 8.64 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#14 | -21.60 | 8.60 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 15RB#0 | -32.05 | 19.05 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 15RB#0 | -37.64 | 19.44 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 1RB#0 | -21.14 | 8.14 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#0 | -21.16 | 8.16 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 1RB#24 | -48.45 | 32.55 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#24 | -48.97 | 33.07 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 25RB#0 | -30.34 | 17.34 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 25RB#0 | -31.34 | 18.34 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 1RB#0 | -49.53 | 33.63 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 1RB#0 | -49.85 | 33.95 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 1RB#24 | -20.60 | 7.60 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 1RB#24 | -21.42 | 8.42 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 25RB#0 | -31.95 | 18.95 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 25RB#0 | -33.10 | 20.10 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 1RB#0 | -23.27 | 10.27 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0 | -24.46 | 11.46 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 1RB#49 | -45.47 | 32.47 | PASS |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Band5 | 10MHz | 16QAM | 20450 | 1RB#49 | -45.99 | 32.99 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | -30.20 | 17.20 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | -31.54 | 18.54 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 1RB#0 | -47.86 | 34.86 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0 | -48.69 | 35.69 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 1RB#49 | -22.18 | 9.18 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#49 | -21.86 | 8.86 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | -35.53 | 22.53 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | -36.30 | 23.30 | PASS |