

# Appendix-A LTE CA\_66B

## Effective (Isotropic) Radiated Power Output Data

### Test Result

Ant8:

| Band  | Bandwidth | Modulation  | Channel       | RB Configuration | Result (dBm) | EIRP (dBm) | Limit (dBm) | Verdict |
|-------|-----------|-------------|---------------|------------------|--------------|------------|-------------|---------|
| 66-66 | 5MHz-5MHz | QPSK-QPSK   | 131997-132045 | 1RB#0-0RB#0      | 24.43        | 27.93      | 30          | PASS    |
| 66-66 | 5MHz-5MHz | QPSK-QPSK   | 131997-132045 | 8RB#0-0RB#0      | 24.37        | 27.87      | 30          | PASS    |
| 66-66 | 5MHz-5MHz | QPSK-QPSK   | 131997-132045 | 1RB#24-0RB#0     | 24.39        | 27.89      | 30          | PASS    |
| 66-66 | 5MHz-5MHz | QPSK-QPSK   | 131997-132045 | 25RB#0-25RB#0    | 21.39        | 24.89      | 30          | PASS    |
| 66-66 | 5MHz-5MHz | QPSK-QPSK   | 132398-132446 | 1RB#0-0RB#0      | 24.17        | 27.67      | 30          | PASS    |
| 66-66 | 5MHz-5MHz | QPSK-QPSK   | 132398-132446 | 8RB#0-0RB#0      | 24.10        | 27.6       | 30          | PASS    |
| 66-66 | 5MHz-5MHz | QPSK-QPSK   | 132398-132446 | 1RB#24-0RB#0     | 24.04        | 27.54      | 30          | PASS    |
| 66-66 | 5MHz-5MHz | QPSK-QPSK   | 132398-132446 | 25RB#0-25RB#0    | 21.45        | 24.95      | 30          | PASS    |
| 66-66 | 5MHz-5MHz | QPSK-QPSK   | 132599-132647 | 1RB#0-0RB#0      | 23.99        | 27.49      | 30          | PASS    |
| 66-66 | 5MHz-5MHz | QPSK-QPSK   | 132599-132647 | 8RB#0-0RB#0      | 24.03        | 27.53      | 30          | PASS    |
| 66-66 | 5MHz-5MHz | QPSK-QPSK   | 132599-132647 | 1RB#24-0RB#0     | 23.93        | 27.43      | 30          | PASS    |
| 66-66 | 5MHz-5MHz | QPSK-QPSK   | 132599-132647 | 25RB#0-25RB#0    | 21.29        | 24.79      | 30          | PASS    |
| 66-66 | 5MHz-5MHz | 16QAM-16QAM | 131997-132045 | 1RB#0-0RB#0      | 23.94        | 27.44      | 30          | PASS    |
| 66-66 | 5MHz-5MHz | 16QAM-16QAM | 131997-132045 | 8RB#0-0RB#0      | 23.49        | 26.99      | 30          | PASS    |
| 66-66 | 5MHz-5MHz | 16QAM-16QAM | 131997-132045 | 1RB#24-0RB#0     | 23.71        | 27.21      | 30          | PASS    |
| 66-66 | 5MHz-5MHz | 16QAM-16QAM | 131997-132045 | 25RB#0-25RB#0    | 20.46        | 23.96      | 30          | PASS    |
| 66-66 | 5MHz-5MHz | 16QAM-16QAM | 132398-132446 | 1RB#0-0RB#0      | 23.47        | 26.97      | 30          | PASS    |
| 66-66 | 5MHz-5MHz | 16QAM-16QAM | 132398-132446 | 8RB#0-0RB#0      | 23.24        | 26.74      | 30          | PASS    |
| 66-66 | 5MHz-5MHz | 16QAM-16QAM | 132398-132446 | 1RB#24-0RB#0     | 23.57        | 27.07      | 30          | PASS    |
| 66-66 | 5MHz-5MHz | 16QAM-16QAM | 132398-132446 | 25RB#0-25RB#0    | 20.50        | 24         | 30          | PASS    |
| 66-66 | 5MHz-5MHz | 16QAM-16QAM | 132599-132647 | 1RB#0-0RB#0      | 23.42        | 26.92      | 30          | PASS    |
| 66-66 | 5MHz-5MHz | 16QAM-16QAM | 132599-132647 | 8RB#0-0RB#0      | 23.14        | 26.64      | 30          | PASS    |
| 66-66 | 5MHz-5MHz | 16QAM-16QAM | 132599-132647 | 1RB#24-0RB#0     | 23.51        | 27.01      | 30          | PASS    |
| 66-66 | 5MHz-5MHz | 16QAM-16QAM | 132599-132647 | 25RB#0-25RB#0    | 20.15        | 23.65      | 30          | PASS    |
| 66-66 | 5MHz-5MHz | 64QAM-64QAM | 131997-132045 | 1RB#0-0RB#0      | 22.78        | 26.28      | 30          | PASS    |

|       |            |               |               |               |       |       |    |      |
|-------|------------|---------------|---------------|---------------|-------|-------|----|------|
| 66-66 | 5MHz-5MHz  | 64QAM-64QAM   | 131997-132045 | 8RB#0-0RB#0   | 22.56 | 26.06 | 30 | PASS |
| 66-66 | 5MHz-5MHz  | 64QAM-64QAM   | 131997-132045 | 1RB#24-0RB#0  | 22.67 | 26.17 | 30 | PASS |
| 66-66 | 5MHz-5MHz  | 64QAM-64QAM   | 131997-132045 | 25RB#0-25RB#0 | 20.18 | 23.68 | 30 | PASS |
| 66-66 | 5MHz-5MHz  | 64QAM-64QAM   | 132398-132446 | 1RB#0-0RB#0   | 22.59 | 26.09 | 30 | PASS |
| 66-66 | 5MHz-5MHz  | 64QAM-64QAM   | 132398-132446 | 8RB#0-0RB#0   | 22.35 | 25.85 | 30 | PASS |
| 66-66 | 5MHz-5MHz  | 64QAM-64QAM   | 132398-132446 | 1RB#24-0RB#0  | 22.57 | 26.07 | 30 | PASS |
| 66-66 | 5MHz-5MHz  | 64QAM-64QAM   | 132398-132446 | 25RB#0-25RB#0 | 20.28 | 23.78 | 30 | PASS |
| 66-66 | 5MHz-5MHz  | 64QAM-64QAM   | 132599-132647 | 1RB#0-0RB#0   | 22.40 | 25.9  | 30 | PASS |
| 66-66 | 5MHz-5MHz  | 64QAM-64QAM   | 132599-132647 | 8RB#0-0RB#0   | 22.17 | 25.67 | 30 | PASS |
| 66-66 | 5MHz-5MHz  | 64QAM-64QAM   | 132599-132647 | 1RB#24-0RB#0  | 22.28 | 25.78 | 30 | PASS |
| 66-66 | 5MHz-5MHz  | 64QAM-64QAM   | 132599-132647 | 25RB#0-25RB#0 | 19.95 | 23.45 | 30 | PASS |
| 66-66 | 5MHz-5MHz  | 256QAM-256QAM | 131997-132045 | 1RB#0-0RB#0   | 19.82 | 23.32 | 30 | PASS |
| 66-66 | 5MHz-5MHz  | 256QAM-256QAM | 131997-132045 | 8RB#0-0RB#0   | 19.58 | 23.08 | 30 | PASS |
| 66-66 | 5MHz-5MHz  | 256QAM-256QAM | 131997-132045 | 1RB#24-0RB#0  | 19.76 | 23.26 | 30 | PASS |
| 66-66 | 5MHz-5MHz  | 256QAM-256QAM | 131997-132045 | 25RB#0-25RB#0 | 18.82 | 22.32 | 30 | PASS |
| 66-66 | 5MHz-5MHz  | 256QAM-256QAM | 132398-132446 | 1RB#0-0RB#0   | 19.43 | 22.93 | 30 | PASS |
| 66-66 | 5MHz-5MHz  | 256QAM-256QAM | 132398-132446 | 8RB#0-0RB#0   | 19.34 | 22.84 | 30 | PASS |
| 66-66 | 5MHz-5MHz  | 256QAM-256QAM | 132398-132446 | 1RB#24-0RB#0  | 19.25 | 22.75 | 30 | PASS |
| 66-66 | 5MHz-5MHz  | 256QAM-256QAM | 132398-132446 | 25RB#0-25RB#0 | 18.89 | 22.39 | 30 | PASS |
| 66-66 | 5MHz-5MHz  | 256QAM-256QAM | 132599-132647 | 1RB#0-0RB#0   | 19.39 | 22.89 | 30 | PASS |
| 66-66 | 5MHz-5MHz  | 256QAM-256QAM | 132599-132647 | 8RB#0-0RB#0   | 19.23 | 22.73 | 30 | PASS |
| 66-66 | 5MHz-5MHz  | 256QAM-256QAM | 132599-132647 | 1RB#24-0RB#0  | 19.22 | 22.72 | 30 | PASS |
| 66-66 | 5MHz-5MHz  | 256QAM-256QAM | 132599-132647 | 25RB#0-25RB#0 | 19.06 | 22.56 | 30 | PASS |
| 66-66 | 10MHz-5MHz | QPSK-QPSK     | 132022-132094 | 1RB#0-0RB#0   | 24.34 | 27.84 | 30 | PASS |
| 66-66 | 10MHz-5MHz | QPSK-QPSK     | 132022-132094 | 12RB#0-0RB#0  | 23.37 | 26.87 | 30 | PASS |
| 66-66 | 10MHz-5MHz | QPSK-QPSK     | 132022-132094 | 1RB#49-0RB#0  | 24.18 | 27.68 | 30 | PASS |
| 66-66 | 10MHz-5MHz | QPSK-QPSK     | 132022-132094 | 50RB#0-25RB#0 | 21.50 | 25    | 30 | PASS |
| 66-66 | 10MHz-5MHz | QPSK-QPSK     | 132397-132469 | 1RB#0-0RB#0   | 24.12 | 27.62 | 30 | PASS |
| 66-66 | 10MHz-5MHz | QPSK-QPSK     | 132397-132469 | 12RB#0-0RB#0  | 23.14 | 26.64 | 30 | PASS |
| 66-66 | 10MHz-5MHz | QPSK-QPSK     | 132397-132469 | 1RB#49-0RB#0  | 23.91 | 27.41 | 30 | PASS |
| 66-66 | 10MHz-5MHz | QPSK-QPSK     | 132397-132469 | 50RB#0-25RB#0 | 21.51 | 25.01 | 30 | PASS |

|       |            |               |               |               |       |       |    |      |
|-------|------------|---------------|---------------|---------------|-------|-------|----|------|
| 66-66 | 10MHz-5MHz | QPSK-QPSK     | 132572-132644 | 1RB#0-0RB#0   | 24.19 | 27.69 | 30 | PASS |
| 66-66 | 10MHz-5MHz | QPSK-QPSK     | 132572-132644 | 12RB#0-0RB#0  | 23.03 | 26.53 | 30 | PASS |
| 66-66 | 10MHz-5MHz | QPSK-QPSK     | 132572-132644 | 1RB#49-0RB#0  | 24.17 | 27.67 | 30 | PASS |
| 66-66 | 10MHz-5MHz | QPSK-QPSK     | 132572-132644 | 50RB#0-25RB#0 | 21.41 | 24.91 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 16QAM-16QAM   | 132022-132094 | 1RB#0-0RB#0   | 23.86 | 27.36 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 16QAM-16QAM   | 132022-132094 | 12RB#0-0RB#0  | 22.43 | 25.93 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 16QAM-16QAM   | 132022-132094 | 1RB#49-0RB#0  | 23.63 | 27.13 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 16QAM-16QAM   | 132022-132094 | 50RB#0-25RB#0 | 20.52 | 24.02 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 16QAM-16QAM   | 132397-132469 | 1RB#0-0RB#0   | 23.58 | 27.08 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 16QAM-16QAM   | 132397-132469 | 12RB#0-0RB#0  | 22.17 | 25.67 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 16QAM-16QAM   | 132397-132469 | 1RB#49-0RB#0  | 23.42 | 26.92 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 16QAM-16QAM   | 132397-132469 | 50RB#0-25RB#0 | 20.46 | 23.96 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 16QAM-16QAM   | 132572-132644 | 1RB#0-0RB#0   | 23.52 | 27.02 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 16QAM-16QAM   | 132572-132644 | 12RB#0-0RB#0  | 22.08 | 25.58 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 16QAM-16QAM   | 132572-132644 | 1RB#49-0RB#0  | 23.48 | 26.98 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 16QAM-16QAM   | 132572-132644 | 50RB#0-25RB#0 | 20.81 | 24.31 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 64QAM-64QAM   | 132022-132094 | 1RB#0-0RB#0   | 22.87 | 26.37 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 64QAM-64QAM   | 132022-132094 | 12RB#0-0RB#0  | 21.54 | 25.04 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 64QAM-64QAM   | 132022-132094 | 1RB#49-0RB#0  | 22.95 | 26.45 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 64QAM-64QAM   | 132022-132094 | 50RB#0-25RB#0 | 20.06 | 23.56 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 64QAM-64QAM   | 132397-132469 | 1RB#0-0RB#0   | 22.57 | 26.07 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 64QAM-64QAM   | 132397-132469 | 12RB#0-0RB#0  | 21.33 | 24.83 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 64QAM-64QAM   | 132397-132469 | 1RB#49-0RB#0  | 22.44 | 25.94 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 64QAM-64QAM   | 132397-132469 | 50RB#0-25RB#0 | 19.87 | 23.37 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 64QAM-64QAM   | 132572-132644 | 1RB#0-0RB#0   | 22.40 | 25.9  | 30 | PASS |
| 66-66 | 10MHz-5MHz | 64QAM-64QAM   | 132572-132644 | 12RB#0-0RB#0  | 21.19 | 24.69 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 64QAM-64QAM   | 132572-132644 | 1RB#49-0RB#0  | 22.42 | 25.92 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 64QAM-64QAM   | 132572-132644 | 50RB#0-25RB#0 | 20.13 | 23.63 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 256QAM-256QAM | 132022-132094 | 1RB#0-0RB#0   | 19.81 | 23.31 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 256QAM-256QAM | 132022-132094 | 12RB#0-0RB#0  | 19.54 | 23.04 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 256QAM-256QAM | 132022-132094 | 1RB#49-0RB#0  | 19.63 | 23.13 | 30 | PASS |

|       |            |               |               |               |       |       |    |      |
|-------|------------|---------------|---------------|---------------|-------|-------|----|------|
| 66-66 | 10MHz-5MHz | 256QAM-256QAM | 132022-132094 | 50RB#0-25RB#0 | 18.40 | 21.9  | 30 | PASS |
| 66-66 | 10MHz-5MHz | 256QAM-256QAM | 132397-132469 | 1RB#0-0RB#0   | 19.61 | 23.11 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 256QAM-256QAM | 132397-132469 | 12RB#0-0RB#0  | 19.32 | 22.82 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 256QAM-256QAM | 132397-132469 | 1RB#49-0RB#0  | 19.49 | 22.99 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 256QAM-256QAM | 132397-132469 | 50RB#0-25RB#0 | 18.98 | 22.48 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 256QAM-256QAM | 132572-132644 | 1RB#0-0RB#0   | 19.42 | 22.92 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 256QAM-256QAM | 132572-132644 | 12RB#0-0RB#0  | 19.25 | 22.75 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 256QAM-256QAM | 132572-132644 | 1RB#49-0RB#0  | 19.31 | 22.81 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 256QAM-256QAM | 132572-132644 | 50RB#0-25RB#0 | 18.52 | 22.02 | 30 | PASS |
| 66-66 | 15MHz-5MHz | QPSK-QPSK     | 132047-132140 | 1RB#0-0RB#0   | 24.58 | 28.08 | 30 | PASS |
| 66-66 | 15MHz-5MHz | QPSK-QPSK     | 132047-132140 | 12RB#0-0RB#0  | 23.32 | 26.82 | 30 | PASS |
| 66-66 | 15MHz-5MHz | QPSK-QPSK     | 132047-132140 | 1RB#74-0RB#0  | 24.46 | 27.96 | 30 | PASS |
| 66-66 | 15MHz-5MHz | QPSK-QPSK     | 132047-132140 | 75RB#0-25RB#0 | 21.32 | 24.82 | 30 | PASS |
| 66-66 | 15MHz-5MHz | QPSK-QPSK     | 132398-132491 | 1RB#0-0RB#0   | 23.97 | 27.47 | 30 | PASS |
| 66-66 | 15MHz-5MHz | QPSK-QPSK     | 132398-132491 | 12RB#0-0RB#0  | 23.10 | 26.6  | 30 | PASS |
| 66-66 | 15MHz-5MHz | QPSK-QPSK     | 132398-132491 | 1RB#74-0RB#0  | 23.99 | 27.49 | 30 | PASS |
| 66-66 | 15MHz-5MHz | QPSK-QPSK     | 132398-132491 | 75RB#0-25RB#0 | 21.34 | 24.84 | 30 | PASS |
| 66-66 | 15MHz-5MHz | QPSK-QPSK     | 132549-132642 | 1RB#0-0RB#0   | 23.90 | 27.4  | 30 | PASS |
| 66-66 | 15MHz-5MHz | QPSK-QPSK     | 132549-132642 | 12RB#0-0RB#0  | 22.91 | 26.41 | 30 | PASS |
| 66-66 | 15MHz-5MHz | QPSK-QPSK     | 132549-132642 | 1RB#74-0RB#0  | 23.87 | 27.37 | 30 | PASS |
| 66-66 | 15MHz-5MHz | QPSK-QPSK     | 132549-132642 | 75RB#0-25RB#0 | 21.59 | 25.09 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 16QAM-16QAM   | 132047-132140 | 1RB#0-0RB#0   | 23.86 | 27.36 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 16QAM-16QAM   | 132047-132140 | 12RB#0-0RB#0  | 22.43 | 25.93 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 16QAM-16QAM   | 132047-132140 | 1RB#74-0RB#0  | 23.84 | 27.34 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 16QAM-16QAM   | 132047-132140 | 75RB#0-25RB#0 | 20.54 | 24.04 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 16QAM-16QAM   | 132398-132491 | 1RB#0-0RB#0   | 23.60 | 27.1  | 30 | PASS |
| 66-66 | 15MHz-5MHz | 16QAM-16QAM   | 132398-132491 | 12RB#0-0RB#0  | 22.19 | 25.69 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 16QAM-16QAM   | 132398-132491 | 1RB#74-0RB#0  | 23.56 | 27.06 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 16QAM-16QAM   | 132398-132491 | 75RB#0-25RB#0 | 20.13 | 23.63 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 16QAM-16QAM   | 132549-132642 | 1RB#0-0RB#0   | 23.30 | 26.8  | 30 | PASS |
| 66-66 | 15MHz-5MHz | 16QAM-16QAM   | 132549-132642 | 12RB#0-0RB#0  | 22.02 | 25.52 | 30 | PASS |

|       |            |               |               |               |       |       |    |      |
|-------|------------|---------------|---------------|---------------|-------|-------|----|------|
| 66-66 | 15MHz-5MHz | 16QAM-16QAM   | 132549-132642 | 1RB#74-0RB#0  | 23.44 | 26.94 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 16QAM-16QAM   | 132549-132642 | 75RB#0-25RB#0 | 20.16 | 23.66 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 64QAM-64QAM   | 132047-132140 | 1RB#0-0RB#0   | 22.85 | 26.35 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 64QAM-64QAM   | 132047-132140 | 12RB#0-0RB#0  | 21.54 | 25.04 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 64QAM-64QAM   | 132047-132140 | 1RB#74-0RB#0  | 22.67 | 26.17 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 64QAM-64QAM   | 132047-132140 | 75RB#0-25RB#0 | 20.18 | 23.68 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 64QAM-64QAM   | 132398-132491 | 1RB#0-0RB#0   | 22.53 | 26.03 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 64QAM-64QAM   | 132398-132491 | 12RB#0-0RB#0  | 21.29 | 24.79 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 64QAM-64QAM   | 132398-132491 | 1RB#74-0RB#0  | 22.59 | 26.09 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 64QAM-64QAM   | 132398-132491 | 75RB#0-25RB#0 | 20.18 | 23.68 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 64QAM-64QAM   | 132549-132642 | 1RB#0-0RB#0   | 22.43 | 25.93 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 64QAM-64QAM   | 132549-132642 | 12RB#0-0RB#0  | 21.15 | 24.65 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 64QAM-64QAM   | 132549-132642 | 1RB#74-0RB#0  | 22.39 | 25.89 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 64QAM-64QAM   | 132549-132642 | 75RB#0-25RB#0 | 20.02 | 23.52 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 256QAM-256QAM | 132047-132140 | 1RB#0-0RB#0   | 19.86 | 23.36 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 256QAM-256QAM | 132047-132140 | 12RB#0-0RB#0  | 19.78 | 23.28 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 256QAM-256QAM | 132047-132140 | 1RB#74-0RB#0  | 19.39 | 22.89 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 256QAM-256QAM | 132047-132140 | 75RB#0-25RB#0 | 19.40 | 22.9  | 30 | PASS |
| 66-66 | 15MHz-5MHz | 256QAM-256QAM | 132398-132491 | 1RB#0-0RB#0   | 19.64 | 23.14 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 256QAM-256QAM | 132398-132491 | 12RB#0-0RB#0  | 19.45 | 22.95 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 256QAM-256QAM | 132398-132491 | 1RB#74-0RB#0  | 19.03 | 22.53 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 256QAM-256QAM | 132398-132491 | 75RB#0-25RB#0 | 19.19 | 22.69 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 256QAM-256QAM | 132549-132642 | 1RB#0-0RB#0   | 19.82 | 23.32 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 256QAM-256QAM | 132549-132642 | 12RB#0-0RB#0  | 19.84 | 23.34 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 256QAM-256QAM | 132549-132642 | 1RB#74-0RB#0  | 19.65 | 23.15 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 256QAM-256QAM | 132549-132642 | 75RB#0-25RB#0 | 19.22 | 22.72 | 30 | PASS |
| 66-66 | 5MHz-10MHz | QPSK-QPSK     | 132000-132072 | 1RB#0-0RB#0   | 24.34 | 27.84 | 30 | PASS |
| 66-66 | 5MHz-10MHz | QPSK-QPSK     | 132000-132072 | 8RB#0-0RB#0   | 24.23 | 27.73 | 30 | PASS |
| 66-66 | 5MHz-10MHz | QPSK-QPSK     | 132000-132072 | 1RB#24-0RB#0  | 24.31 | 27.81 | 30 | PASS |
| 66-66 | 5MHz-10MHz | QPSK-QPSK     | 132000-132072 | 25RB#0-50RB#0 | 21.28 | 24.78 | 30 | PASS |
| 66-66 | 5MHz-10MHz | QPSK-QPSK     | 132375-132447 | 1RB#0-0RB#0   | 24.53 | 28.03 | 30 | PASS |

|       |            |             |               |               |       |       |    |      |
|-------|------------|-------------|---------------|---------------|-------|-------|----|------|
| 66-66 | 5MHz-10MHz | QPSK-QPSK   | 132375-132447 | 8RB#0-0RB#0   | 24.16 | 27.66 | 30 | PASS |
| 66-66 | 5MHz-10MHz | QPSK-QPSK   | 132375-132447 | 1RB#24-0RB#0  | 24.40 | 27.9  | 30 | PASS |
| 66-66 | 5MHz-10MHz | QPSK-QPSK   | 132375-132447 | 25RB#0-50RB#0 | 21.78 | 25.28 | 30 | PASS |
| 66-66 | 5MHz-10MHz | QPSK-QPSK   | 132550-132622 | 1RB#0-0RB#0   | 24.07 | 27.57 | 30 | PASS |
| 66-66 | 5MHz-10MHz | QPSK-QPSK   | 132550-132622 | 8RB#0-0RB#0   | 24.03 | 27.53 | 30 | PASS |
| 66-66 | 5MHz-10MHz | QPSK-QPSK   | 132550-132622 | 1RB#24-0RB#0  | 23.96 | 27.46 | 30 | PASS |
| 66-66 | 5MHz-10MHz | QPSK-QPSK   | 132550-132622 | 25RB#0-50RB#0 | 21.47 | 24.97 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 16QAM-16QAM | 132000-132072 | 1RB#0-0RB#0   | 23.81 | 27.31 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 16QAM-16QAM | 132000-132072 | 8RB#0-0RB#0   | 23.72 | 27.22 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 16QAM-16QAM | 132000-132072 | 1RB#24-0RB#0  | 23.56 | 27.06 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 16QAM-16QAM | 132000-132072 | 25RB#0-50RB#0 | 20.44 | 23.94 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 16QAM-16QAM | 132375-132447 | 1RB#0-0RB#0   | 23.73 | 27.23 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 16QAM-16QAM | 132375-132447 | 8RB#0-0RB#0   | 23.29 | 26.79 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 16QAM-16QAM | 132375-132447 | 1RB#24-0RB#0  | 23.55 | 27.05 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 16QAM-16QAM | 132375-132447 | 25RB#0-50RB#0 | 20.38 | 23.88 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 16QAM-16QAM | 132550-132622 | 1RB#0-0RB#0   | 23.66 | 27.16 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 16QAM-16QAM | 132550-132622 | 8RB#0-0RB#0   | 23.14 | 26.64 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 16QAM-16QAM | 132550-132622 | 1RB#24-0RB#0  | 23.45 | 26.95 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 16QAM-16QAM | 132550-132622 | 25RB#0-50RB#0 | 20.54 | 24.04 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 64QAM-64QAM | 132000-132072 | 1RB#0-0RB#0   | 22.87 | 26.37 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 64QAM-64QAM | 132000-132072 | 8RB#0-0RB#0   | 22.59 | 26.09 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 64QAM-64QAM | 132000-132072 | 1RB#24-0RB#0  | 22.88 | 26.38 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 64QAM-64QAM | 132000-132072 | 25RB#0-50RB#0 | 20.02 | 23.52 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 64QAM-64QAM | 132375-132447 | 1RB#0-0RB#0   | 22.66 | 26.16 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 64QAM-64QAM | 132375-132447 | 8RB#0-0RB#0   | 22.36 | 25.86 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 64QAM-64QAM | 132375-132447 | 1RB#24-0RB#0  | 22.67 | 26.17 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 64QAM-64QAM | 132375-132447 | 25RB#0-50RB#0 | 20.58 | 24.08 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 64QAM-64QAM | 132550-132622 | 1RB#0-0RB#0   | 22.56 | 26.06 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 64QAM-64QAM | 132550-132622 | 8RB#0-0RB#0   | 22.28 | 25.78 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 64QAM-64QAM | 132550-132622 | 1RB#24-0RB#0  | 22.33 | 25.83 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 64QAM-64QAM | 132550-132622 | 25RB#0-50RB#0 | 20.46 | 23.96 | 30 | PASS |

|       |             |               |               |               |       |       |    |      |
|-------|-------------|---------------|---------------|---------------|-------|-------|----|------|
| 66-66 | 5MHz-10MHz  | 256QAM-256QAM | 132000-132072 | 1RB#0-0RB#0   | 19.55 | 23.05 | 30 | PASS |
| 66-66 | 5MHz-10MHz  | 256QAM-256QAM | 132000-132072 | 8RB#0-0RB#0   | 19.58 | 23.08 | 30 | PASS |
| 66-66 | 5MHz-10MHz  | 256QAM-256QAM | 132000-132072 | 1RB#24-0RB#0  | 19.87 | 23.37 | 30 | PASS |
| 66-66 | 5MHz-10MHz  | 256QAM-256QAM | 132000-132072 | 25RB#0-50RB#0 | 19.15 | 22.65 | 30 | PASS |
| 66-66 | 5MHz-10MHz  | 256QAM-256QAM | 132375-132447 | 1RB#0-0RB#0   | 19.70 | 23.2  | 30 | PASS |
| 66-66 | 5MHz-10MHz  | 256QAM-256QAM | 132375-132447 | 8RB#0-0RB#0   | 19.43 | 22.93 | 30 | PASS |
| 66-66 | 5MHz-10MHz  | 256QAM-256QAM | 132375-132447 | 1RB#24-0RB#0  | 19.48 | 22.98 | 30 | PASS |
| 66-66 | 5MHz-10MHz  | 256QAM-256QAM | 132375-132447 | 25RB#0-50RB#0 | 18.75 | 22.25 | 30 | PASS |
| 66-66 | 5MHz-10MHz  | 256QAM-256QAM | 132550-132622 | 1RB#0-0RB#0   | 19.45 | 22.95 | 30 | PASS |
| 66-66 | 5MHz-10MHz  | 256QAM-256QAM | 132550-132622 | 8RB#0-0RB#0   | 19.23 | 22.73 | 30 | PASS |
| 66-66 | 5MHz-10MHz  | 256QAM-256QAM | 132550-132622 | 1RB#24-0RB#0  | 19.38 | 22.88 | 30 | PASS |
| 66-66 | 5MHz-10MHz  | 256QAM-256QAM | 132550-132622 | 25RB#0-50RB#0 | 18.89 | 22.39 | 30 | PASS |
| 66-66 | 10MHz-10MHz | QPSK-QPSK     | 132022-132121 | 1RB#0-0RB#0   | 24.35 | 27.85 | 30 | PASS |
| 66-66 | 10MHz-10MHz | QPSK-QPSK     | 132022-132121 | 12RB#0-0RB#0  | 24.37 | 27.87 | 30 | PASS |
| 66-66 | 10MHz-10MHz | QPSK-QPSK     | 132022-132121 | 1RB#49-0RB#0  | 24.25 | 27.75 | 30 | PASS |
| 66-66 | 10MHz-10MHz | QPSK-QPSK     | 132022-132121 | 50RB#0-50RB#0 | 21.51 | 25.01 | 30 | PASS |
| 66-66 | 10MHz-10MHz | QPSK-QPSK     | 132373-132472 | 1RB#0-0RB#0   | 24.29 | 27.79 | 30 | PASS |
| 66-66 | 10MHz-10MHz | QPSK-QPSK     | 132373-132472 | 12RB#0-0RB#0  | 24.14 | 27.64 | 30 | PASS |
| 66-66 | 10MHz-10MHz | QPSK-QPSK     | 132373-132472 | 1RB#49-0RB#0  | 24.25 | 27.75 | 30 | PASS |
| 66-66 | 10MHz-10MHz | QPSK-QPSK     | 132373-132472 | 50RB#0-50RB#0 | 21.43 | 24.93 | 30 | PASS |
| 66-66 | 10MHz-10MHz | QPSK-QPSK     | 132523-132622 | 1RB#0-0RB#0   | 23.82 | 27.32 | 30 | PASS |
| 66-66 | 10MHz-10MHz | QPSK-QPSK     | 132523-132622 | 12RB#0-0RB#0  | 23.92 | 27.42 | 30 | PASS |
| 66-66 | 10MHz-10MHz | QPSK-QPSK     | 132523-132622 | 1RB#49-0RB#0  | 23.85 | 27.35 | 30 | PASS |
| 66-66 | 10MHz-10MHz | QPSK-QPSK     | 132523-132622 | 50RB#0-50RB#0 | 21.34 | 24.84 | 30 | PASS |
| 66-66 | 10MHz-10MHz | 16QAM-16QAM   | 132022-132121 | 1RB#0-0RB#0   | 23.76 | 27.26 | 30 | PASS |
| 66-66 | 10MHz-10MHz | 16QAM-16QAM   | 132022-132121 | 12RB#0-0RB#0  | 23.42 | 26.92 | 30 | PASS |
| 66-66 | 10MHz-10MHz | 16QAM-16QAM   | 132022-132121 | 1RB#49-0RB#0  | 23.55 | 27.05 | 30 | PASS |
| 66-66 | 10MHz-10MHz | 16QAM-16QAM   | 132022-132121 | 50RB#0-50RB#0 | 20.51 | 24.01 | 30 | PASS |
| 66-66 | 10MHz-10MHz | 16QAM-16QAM   | 132373-132472 | 1RB#0-0RB#0   | 23.61 | 27.11 | 30 | PASS |
| 66-66 | 10MHz-10MHz | 16QAM-16QAM   | 132373-132472 | 12RB#0-0RB#0  | 23.18 | 26.68 | 30 | PASS |
| 66-66 | 10MHz-10MHz | 16QAM-16QAM   | 132373-132472 | 1RB#49-0RB#0  | 23.38 | 26.88 | 30 | PASS |

|       |             |               |               |               |       |       |    |      |
|-------|-------------|---------------|---------------|---------------|-------|-------|----|------|
| 66-66 | 10MHz-10MHz | 16QAM-16QAM   | 132373-132472 | 50RB#0-50RB#0 | 20.34 | 23.84 | 30 | PASS |
| 66-66 | 10MHz-10MHz | 16QAM-16QAM   | 132523-132622 | 1RB#0-0RB#0   | 23.43 | 26.93 | 30 | PASS |
| 66-66 | 10MHz-10MHz | 16QAM-16QAM   | 132523-132622 | 12RB#0-0RB#0  | 22.95 | 26.45 | 30 | PASS |
| 66-66 | 10MHz-10MHz | 16QAM-16QAM   | 132523-132622 | 1RB#49-0RB#0  | 23.49 | 26.99 | 30 | PASS |
| 66-66 | 10MHz-10MHz | 16QAM-16QAM   | 132523-132622 | 50RB#0-50RB#0 | 20.62 | 24.12 | 30 | PASS |
| 66-66 | 10MHz-10MHz | 64QAM-64QAM   | 132022-132121 | 1RB#0-0RB#0   | 22.79 | 26.29 | 30 | PASS |
| 66-66 | 10MHz-10MHz | 64QAM-64QAM   | 132022-132121 | 12RB#0-0RB#0  | 22.59 | 26.09 | 30 | PASS |
| 66-66 | 10MHz-10MHz | 64QAM-64QAM   | 132022-132121 | 1RB#49-0RB#0  | 22.59 | 26.09 | 30 | PASS |
| 66-66 | 10MHz-10MHz | 64QAM-64QAM   | 132022-132121 | 50RB#0-50RB#0 | 20.47 | 23.97 | 30 | PASS |
| 66-66 | 10MHz-10MHz | 64QAM-64QAM   | 132373-132472 | 1RB#0-0RB#0   | 22.49 | 25.99 | 30 | PASS |
| 66-66 | 10MHz-10MHz | 64QAM-64QAM   | 132373-132472 | 12RB#0-0RB#0  | 22.33 | 25.83 | 30 | PASS |
| 66-66 | 10MHz-10MHz | 64QAM-64QAM   | 132373-132472 | 1RB#49-0RB#0  | 22.54 | 26.04 | 30 | PASS |
| 66-66 | 10MHz-10MHz | 64QAM-64QAM   | 132373-132472 | 50RB#0-50RB#0 | 20.52 | 24.02 | 30 | PASS |
| 66-66 | 10MHz-10MHz | 64QAM-64QAM   | 132523-132622 | 1RB#0-0RB#0   | 22.37 | 25.87 | 30 | PASS |
| 66-66 | 10MHz-10MHz | 64QAM-64QAM   | 132523-132622 | 12RB#0-0RB#0  | 22.23 | 25.73 | 30 | PASS |
| 66-66 | 10MHz-10MHz | 64QAM-64QAM   | 132523-132622 | 1RB#49-0RB#0  | 22.43 | 25.93 | 30 | PASS |
| 66-66 | 10MHz-10MHz | 64QAM-64QAM   | 132523-132622 | 50RB#0-50RB#0 | 19.53 | 23.03 | 30 | PASS |
| 66-66 | 10MHz-10MHz | 256QAM-256QAM | 132022-132121 | 1RB#0-0RB#0   | 19.71 | 23.21 | 30 | PASS |
| 66-66 | 10MHz-10MHz | 256QAM-256QAM | 132022-132121 | 12RB#0-0RB#0  | 19.53 | 23.03 | 30 | PASS |
| 66-66 | 10MHz-10MHz | 256QAM-256QAM | 132022-132121 | 1RB#49-0RB#0  | 19.58 | 23.08 | 30 | PASS |
| 66-66 | 10MHz-10MHz | 256QAM-256QAM | 132022-132121 | 50RB#0-50RB#0 | 18.93 | 22.43 | 30 | PASS |
| 66-66 | 10MHz-10MHz | 256QAM-256QAM | 132373-132472 | 1RB#0-0RB#0   | 19.50 | 23    | 30 | PASS |
| 66-66 | 10MHz-10MHz | 256QAM-256QAM | 132373-132472 | 12RB#0-0RB#0  | 19.37 | 22.87 | 30 | PASS |
| 66-66 | 10MHz-10MHz | 256QAM-256QAM | 132373-132472 | 1RB#49-0RB#0  | 19.59 | 23.09 | 30 | PASS |
| 66-66 | 10MHz-10MHz | 256QAM-256QAM | 132373-132472 | 50RB#0-50RB#0 | 18.88 | 22.38 | 30 | PASS |
| 66-66 | 5MHz-15MHz  | QPSK-QPSK     | 132002-132095 | 1RB#0-0RB#0   | 24.32 | 27.82 | 30 | PASS |
| 66-66 | 5MHz-15MHz  | QPSK-QPSK     | 132002-132095 | 8RB#0-0RB#0   | 24.40 | 27.9  | 30 | PASS |
| 66-66 | 5MHz-15MHz  | QPSK-QPSK     | 132002-132095 | 1RB#24-0RB#0  | 24.32 | 27.82 | 30 | PASS |
| 66-66 | 5MHz-15MHz  | QPSK-QPSK     | 132002-132095 | 25RB#0-75RB#0 | 21.58 | 25.08 | 30 | PASS |
| 66-66 | 5MHz-15MHz  | QPSK-QPSK     | 132353-132446 | 1RB#0-0RB#0   | 23.90 | 27.4  | 30 | PASS |
| 66-66 | 5MHz-15MHz  | QPSK-QPSK     | 132353-132446 | 8RB#0-0RB#0   | 23.94 | 27.44 | 30 | PASS |

|       |            |               |               |               |       |       |    |      |
|-------|------------|---------------|---------------|---------------|-------|-------|----|------|
| 66-66 | 5MHz-15MHz | QPSK-QPSK     | 132353-132446 | 1RB#24-0RB#0  | 23.86 | 27.36 | 30 | PASS |
| 66-66 | 5MHz-15MHz | QPSK-QPSK     | 132353-132446 | 25RB#0-75RB#0 | 21.42 | 24.92 | 30 | PASS |
| 66-66 | 5MHz-15MHz | QPSK-QPSK     | 132504-132597 | 1RB#0-0RB#0   | 23.98 | 27.48 | 30 | PASS |
| 66-66 | 5MHz-15MHz | QPSK-QPSK     | 132504-132597 | 8RB#0-0RB#0   | 24.03 | 27.53 | 30 | PASS |
| 66-66 | 5MHz-15MHz | QPSK-QPSK     | 132504-132597 | 1RB#24-0RB#0  | 24.05 | 27.55 | 30 | PASS |
| 66-66 | 5MHz-15MHz | QPSK-QPSK     | 132504-132597 | 25RB#0-75RB#0 | 21.48 | 24.98 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 16QAM-16QAM   | 132002-132095 | 1RB#0-0RB#0   | 23.93 | 27.43 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 16QAM-16QAM   | 132002-132095 | 8RB#0-0RB#0   | 23.51 | 27.01 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 16QAM-16QAM   | 132002-132095 | 1RB#24-0RB#0  | 23.94 | 27.44 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 16QAM-16QAM   | 132002-132095 | 25RB#0-75RB#0 | 20.34 | 23.84 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 16QAM-16QAM   | 132353-132446 | 1RB#0-0RB#0   | 23.51 | 27.01 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 16QAM-16QAM   | 132353-132446 | 8RB#0-0RB#0   | 23.00 | 26.5  | 30 | PASS |
| 66-66 | 5MHz-15MHz | 16QAM-16QAM   | 132353-132446 | 1RB#24-0RB#0  | 23.38 | 26.88 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 16QAM-16QAM   | 132353-132446 | 25RB#0-75RB#0 | 20.57 | 24.07 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 16QAM-16QAM   | 132504-132597 | 1RB#0-0RB#0   | 23.44 | 26.94 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 16QAM-16QAM   | 132504-132597 | 8RB#0-0RB#0   | 23.17 | 26.67 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 16QAM-16QAM   | 132504-132597 | 1RB#24-0RB#0  | 23.56 | 27.06 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 16QAM-16QAM   | 132504-132597 | 25RB#0-75RB#0 | 20.53 | 24.03 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 64QAM-64QAM   | 132002-132095 | 1RB#0-0RB#0   | 22.74 | 26.24 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 64QAM-64QAM   | 132002-132095 | 8RB#0-0RB#0   | 22.57 | 26.07 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 64QAM-64QAM   | 132002-132095 | 1RB#24-0RB#0  | 22.91 | 26.41 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 64QAM-64QAM   | 132002-132095 | 25RB#0-75RB#0 | 20.35 | 23.85 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 64QAM-64QAM   | 132353-132446 | 1RB#0-0RB#0   | 22.44 | 25.94 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 64QAM-64QAM   | 132353-132446 | 8RB#0-0RB#0   | 22.12 | 25.62 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 64QAM-64QAM   | 132353-132446 | 1RB#24-0RB#0  | 22.40 | 25.9  | 30 | PASS |
| 66-66 | 5MHz-15MHz | 64QAM-64QAM   | 132353-132446 | 25RB#0-75RB#0 | 20.01 | 23.51 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 64QAM-64QAM   | 132504-132597 | 1RB#0-0RB#0   | 22.54 | 26.04 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 64QAM-64QAM   | 132504-132597 | 8RB#0-0RB#0   | 22.35 | 25.85 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 64QAM-64QAM   | 132504-132597 | 1RB#24-0RB#0  | 22.66 | 26.16 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 64QAM-64QAM   | 132504-132597 | 25RB#0-75RB#0 | 20.59 | 24.09 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 256QAM-256QAM | 132002-132095 | 1RB#0-0RB#0   | 19.54 | 23.04 | 30 | PASS |

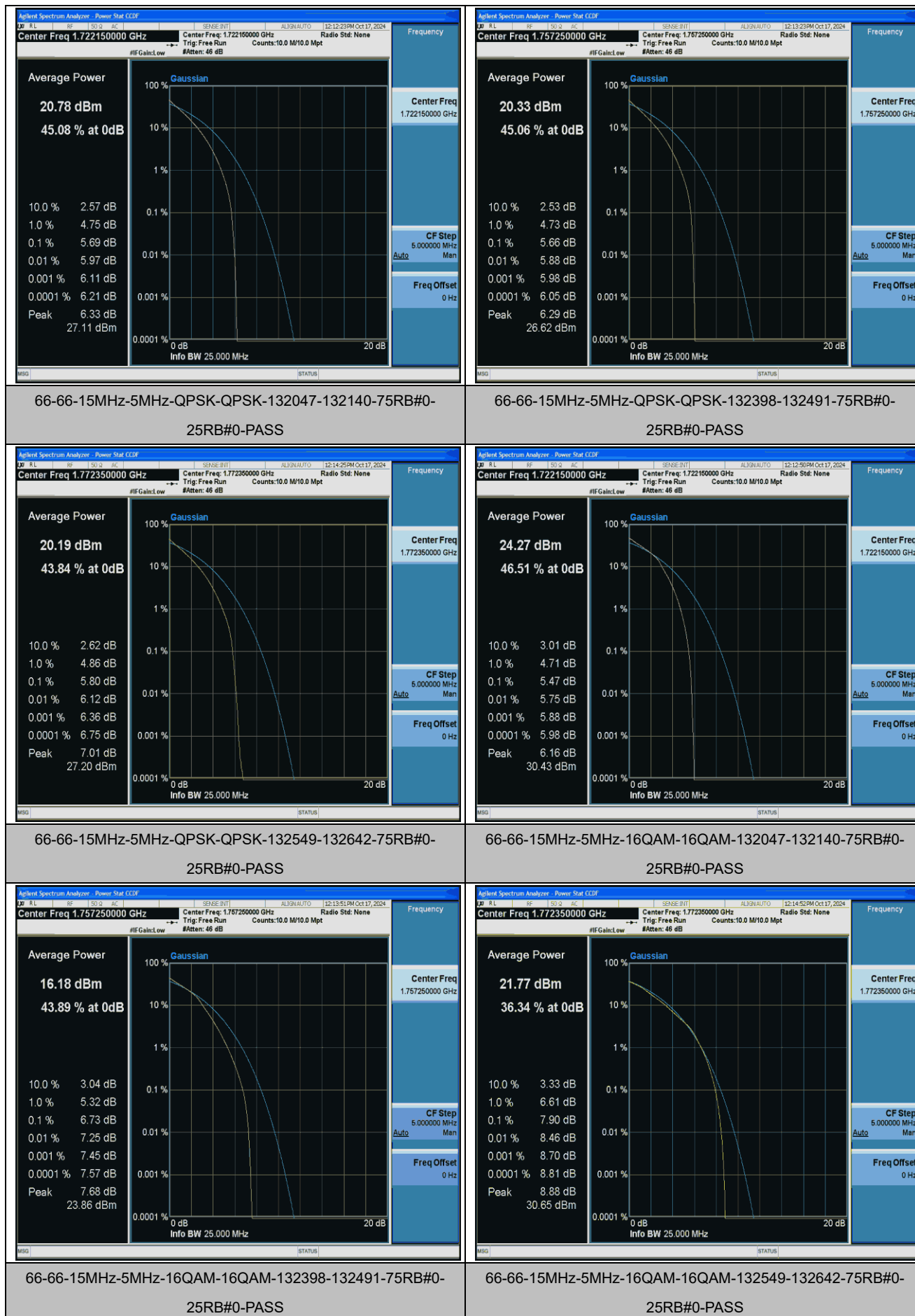
|       |            |               |               |               |       |       |    |      |
|-------|------------|---------------|---------------|---------------|-------|-------|----|------|
| 66-66 | 5MHz-15MHz | 256QAM-256QAM | 132002-132095 | 8RB#0-0RB#0   | 19.82 | 23.32 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 256QAM-256QAM | 132002-132095 | 1RB#24-0RB#0  | 19.57 | 23.07 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 256QAM-256QAM | 132002-132095 | 25RB#0-75RB#0 | 19.97 | 23.47 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 256QAM-256QAM | 132353-132446 | 1RB#0-0RB#0   | 19.51 | 23.01 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 256QAM-256QAM | 132353-132446 | 8RB#0-0RB#0   | 19.44 | 22.94 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 256QAM-256QAM | 132353-132446 | 1RB#24-0RB#0  | 19.52 | 23.02 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 256QAM-256QAM | 132353-132446 | 25RB#0-75RB#0 | 19.49 | 22.99 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 256QAM-256QAM | 132504-132597 | 1RB#0-0RB#0   | 19.12 | 22.62 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 256QAM-256QAM | 132504-132597 | 8RB#0-0RB#0   | 19.53 | 23.03 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 256QAM-256QAM | 132504-132597 | 1RB#24-0RB#0  | 19.34 | 22.84 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 256QAM-256QAM | 132504-132597 | 25RB#0-75RB#0 | 19.15 | 22.65 | 30 | PASS |

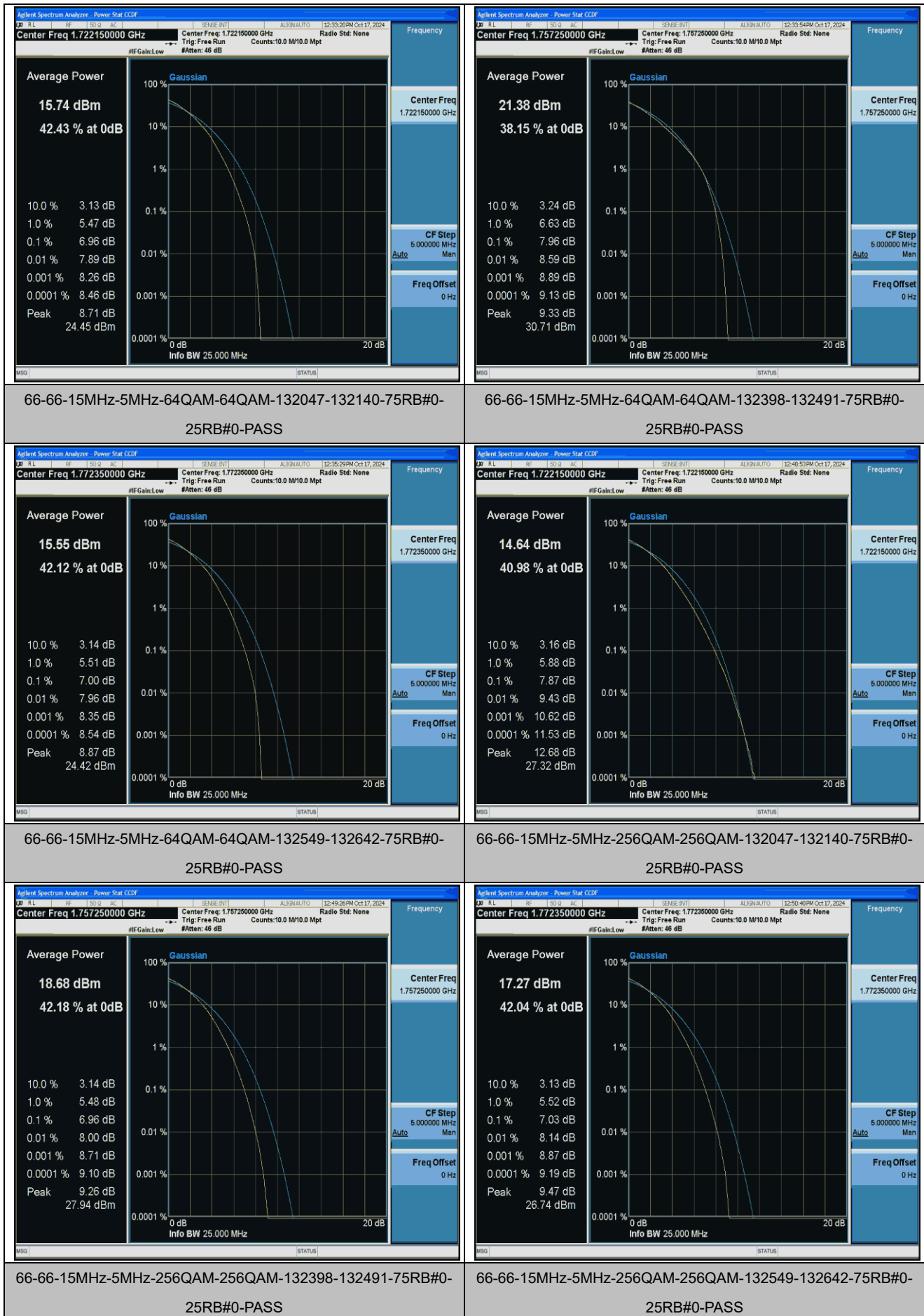
## Peak-to-Average Ratio(CCDF)

### Test Result

| Band  | Bandwidth  | Modulation    | Channel       | RB Configuration | Result (dB) | Limit (dB) | Verdict |
|-------|------------|---------------|---------------|------------------|-------------|------------|---------|
| 66-66 | 15MHz-5MHz | QPSK-QPSK     | 132047-132140 | 75RB#0-25RB#0    | 5.69        | 13         | PASS    |
| 66-66 | 15MHz-5MHz | QPSK-QPSK     | 132398-132491 | 75RB#0-25RB#0    | 5.66        | 13         | PASS    |
| 66-66 | 15MHz-5MHz | QPSK-QPSK     | 132549-132642 | 75RB#0-25RB#0    | 5.80        | 13         | PASS    |
| 66-66 | 15MHz-5MHz | 16QAM-16QAM   | 132047-132140 | 75RB#0-25RB#0    | 5.47        | 13         | PASS    |
| 66-66 | 15MHz-5MHz | 16QAM-16QAM   | 132398-132491 | 75RB#0-25RB#0    | 6.73        | 13         | PASS    |
| 66-66 | 15MHz-5MHz | 16QAM-16QAM   | 132549-132642 | 75RB#0-25RB#0    | 7.90        | 13         | PASS    |
| 66-66 | 15MHz-5MHz | 64QAM-64QAM   | 132047-132140 | 75RB#0-25RB#0    | 6.96        | 13         | PASS    |
| 66-66 | 15MHz-5MHz | 64QAM-64QAM   | 132398-132491 | 75RB#0-25RB#0    | 7.96        | 13         | PASS    |
| 66-66 | 15MHz-5MHz | 64QAM-64QAM   | 132549-132642 | 75RB#0-25RB#0    | 7.00        | 13         | PASS    |
| 66-66 | 15MHz-5MHz | 256QAM-256QAM | 132047-132140 | 75RB#0-25RB#0    | 7.87        | 13         | PASS    |
| 66-66 | 15MHz-5MHz | 256QAM-256QAM | 132398-132491 | 75RB#0-25RB#0    | 6.96        | 13         | PASS    |
| 66-66 | 15MHz-5MHz | 256QAM-256QAM | 132549-132642 | 75RB#0-25RB#0    | 7.03        | 13         | PASS    |

## Test Graphs





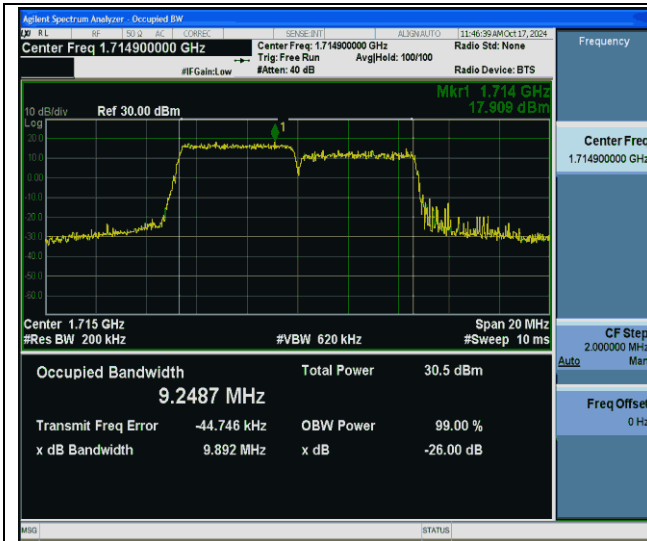
## 26dB Bandwidth and Occupied Bandwidth

### Test Result

| Band  | Bandwidth  | Modulation    | Channel       | RB Configuration | OBW (MHz) | 26dB EBW (MHz) | Verdict |
|-------|------------|---------------|---------------|------------------|-----------|----------------|---------|
| 66-66 | 5MHz-5MHz  | QPSK-QPSK     | 131997-132045 | 25RB#0-25RB#0    | 9.2487    | 9.892          | PASS    |
| 66-66 | 5MHz-5MHz  | QPSK-QPSK     | 132398-132446 | 25RB#0-25RB#0    | 9.2385    | 9.953          | PASS    |
| 66-66 | 5MHz-5MHz  | QPSK-QPSK     | 132599-132647 | 25RB#0-25RB#0    | 9.2516    | 9.945          | PASS    |
| 66-66 | 5MHz-5MHz  | 16QAM-16QAM   | 131997-132045 | 25RB#0-25RB#0    | 9.2399    | 9.977          | PASS    |
| 66-66 | 5MHz-5MHz  | 16QAM-16QAM   | 132398-132446 | 25RB#0-25RB#0    | 8.8638    | 9.763          | PASS    |
| 66-66 | 5MHz-5MHz  | 16QAM-16QAM   | 132599-132647 | 25RB#0-25RB#0    | 9.2442    | 10.10          | PASS    |
| 66-66 | 5MHz-5MHz  | 64QAM-64QAM   | 131997-132045 | 25RB#0-25RB#0    | 9.2356    | 9.990          | PASS    |
| 66-66 | 5MHz-5MHz  | 64QAM-64QAM   | 132398-132446 | 25RB#0-25RB#0    | 9.2382    | 9.933          | PASS    |
| 66-66 | 5MHz-5MHz  | 64QAM-64QAM   | 132599-132647 | 25RB#0-25RB#0    | 9.2630    | 9.951          | PASS    |
| 66-66 | 5MHz-5MHz  | 256QAM-256QAM | 131997-132045 | 25RB#0-25RB#0    | 9.2011    | 9.836          | PASS    |
| 66-66 | 5MHz-5MHz  | 256QAM-256QAM | 132398-132446 | 25RB#0-25RB#0    | 9.2190    | 10.02          | PASS    |
| 66-66 | 5MHz-5MHz  | 256QAM-256QAM | 132599-132647 | 25RB#0-25RB#0    | 9.2418    | 9.949          | PASS    |
| 66-66 | 10MHz-5MHz | QPSK-QPSK     | 132022-132094 | 50RB#0-25RB#0    | 13.907    | 15.29          | PASS    |
| 66-66 | 10MHz-5MHz | QPSK-QPSK     | 132397-132469 | 50RB#0-25RB#0    | 13.931    | 15.14          | PASS    |
| 66-66 | 10MHz-5MHz | QPSK-QPSK     | 132572-132644 | 50RB#0-25RB#0    | 13.915    | 15.54          | PASS    |
| 66-66 | 10MHz-5MHz | 16QAM-16QAM   | 132022-132094 | 50RB#0-25RB#0    | 13.910    | 15.62          | PASS    |
| 66-66 | 10MHz-5MHz | 16QAM-16QAM   | 132397-132469 | 50RB#0-25RB#0    | 13.838    | 15.06          | PASS    |
| 66-66 | 10MHz-5MHz | 16QAM-16QAM   | 132572-132644 | 50RB#0-25RB#0    | 13.902    | 15.41          | PASS    |
| 66-66 | 10MHz-5MHz | 64QAM-64QAM   | 132022-132094 | 50RB#0-25RB#0    | 13.820    | 15.42          | PASS    |
| 66-66 | 10MHz-5MHz | 64QAM-64QAM   | 132397-132469 | 50RB#0-25RB#0    | 13.847    | 14.94          | PASS    |
| 66-66 | 10MHz-5MHz | 64QAM-64QAM   | 132572-132644 | 50RB#0-25RB#0    | 13.856    | 14.95          | PASS    |
| 66-66 | 10MHz-5MHz | 256QAM-256QAM | 132022-132094 | 50RB#0-25RB#0    | 13.830    | 15.48          | PASS    |
| 66-66 | 10MHz-5MHz | 256QAM-256QAM | 132397-132469 | 50RB#0-25RB#0    | 13.870    | 14.92          | PASS    |
| 66-66 | 10MHz-5MHz | 256QAM-256QAM | 132572-132644 | 50RB#0-25RB#0    | 13.875    | 15.39          | PASS    |
| 66-66 | 15MHz-5MHz | QPSK-QPSK     | 132047-132140 | 75RB#0-25RB#0    | 18.203    | 20.03          | PASS    |
| 66-66 | 15MHz-5MHz | QPSK-QPSK     | 132398-132491 | 75RB#0-25RB#0    | 18.187    | 19.76          | PASS    |
| 66-66 | 15MHz-5MHz | QPSK-QPSK     | 132549-132642 | 75RB#0-25RB#0    | 18.249    | 20.40          | PASS    |
| 66-66 | 15MHz-5MHz | 16QAM-16QAM   | 132047-132140 | 75RB#0-25RB#0    | 17.699    | 19.55          | PASS    |
| 66-66 | 15MHz-5MHz | 16QAM-16QAM   | 132398-132491 | 75RB#0-25RB#0    | 18.108    | 19.52          | PASS    |
| 66-66 | 15MHz-5MHz | 16QAM-16QAM   | 132549-132642 | 75RB#0-25RB#0    | 17.738    | 19.28          | PASS    |
| 66-66 | 15MHz-5MHz | 64QAM-64QAM   | 132047-132140 | 75RB#0-25RB#0    | 18.158    | 19.33          | PASS    |
| 66-66 | 15MHz-5MHz | 64QAM-64QAM   | 132398-132491 | 75RB#0-25RB#0    | 17.630    | 19.36          | PASS    |
| 66-66 | 15MHz-5MHz | 64QAM-64QAM   | 132549-132642 | 75RB#0-25RB#0    | 18.147    | 19.42          | PASS    |
| 66-66 | 15MHz-5MHz | 256QAM-256QAM | 132047-132140 | 75RB#0-25RB#0    | 18.151    | 19.70          | PASS    |
| 66-66 | 15MHz-5MHz | 256QAM-256QAM | 132398-132491 | 75RB#0-25RB#0    | 18.226    | 19.54          | PASS    |
| 66-66 | 15MHz-5MHz | 256QAM-256QAM | 132549-132642 | 75RB#0-25RB#0    | 18.290    | 19.60          | PASS    |
| 66-66 | 5MHz-10MHz | QPSK-QPSK     | 132000-132072 | 25RB#0-50RB#0    | 13.837    | 14.69          | PASS    |
| 66-66 | 5MHz-10MHz | QPSK-QPSK     | 132375-132447 | 25RB#0-50RB#0    | 13.800    | 14.84          | PASS    |

|       |             |               |               |               |        |       |      |
|-------|-------------|---------------|---------------|---------------|--------|-------|------|
| 66-66 | 5MHz-10MHz  | QPSK-QPSK     | 132550-132622 | 25RB#0-50RB#0 | 13.862 | 14.76 | PASS |
| 66-66 | 5MHz-10MHz  | 16QAM-16QAM   | 132000-132072 | 25RB#0-50RB#0 | 13.795 | 14.71 | PASS |
| 66-66 | 5MHz-10MHz  | 16QAM-16QAM   | 132375-132447 | 25RB#0-50RB#0 | 13.790 | 14.67 | PASS |
| 66-66 | 5MHz-10MHz  | 16QAM-16QAM   | 132550-132622 | 25RB#0-50RB#0 | 13.870 | 14.79 | PASS |
| 66-66 | 5MHz-10MHz  | 64QAM-64QAM   | 132000-132072 | 25RB#0-50RB#0 | 13.875 | 14.98 | PASS |
| 66-66 | 5MHz-10MHz  | 64QAM-64QAM   | 132375-132447 | 25RB#0-50RB#0 | 13.879 | 14.72 | PASS |
| 66-66 | 5MHz-10MHz  | 64QAM-64QAM   | 132550-132622 | 25RB#0-50RB#0 | 13.836 | 14.82 | PASS |
| 66-66 | 5MHz-10MHz  | 256QAM-256QAM | 132000-132072 | 25RB#0-50RB#0 | 13.847 | 14.82 | PASS |
| 66-66 | 5MHz-10MHz  | 256QAM-256QAM | 132375-132447 | 25RB#0-50RB#0 | 13.801 | 14.77 | PASS |
| 66-66 | 5MHz-10MHz  | 256QAM-256QAM | 132550-132622 | 25RB#0-50RB#0 | 13.853 | 14.85 | PASS |
| 66-66 | 10MHz-10MHz | QPSK-QPSK     | 132022-132121 | 50RB#0-50RB#0 | 18.716 | 19.94 | PASS |
| 66-66 | 10MHz-10MHz | QPSK-QPSK     | 132373-132472 | 50RB#0-50RB#0 | 18.729 | 20.11 | PASS |
| 66-66 | 10MHz-10MHz | QPSK-QPSK     | 132523-132622 | 50RB#0-50RB#0 | 18.774 | 20.18 | PASS |
| 66-66 | 10MHz-10MHz | 16QAM-16QAM   | 132022-132121 | 50RB#0-50RB#0 | 18.689 | 19.96 | PASS |
| 66-66 | 10MHz-10MHz | 16QAM-16QAM   | 132373-132472 | 50RB#0-50RB#0 | 18.759 | 19.99 | PASS |
| 66-66 | 10MHz-10MHz | 16QAM-16QAM   | 132523-132622 | 50RB#0-50RB#0 | 18.798 | 19.90 | PASS |
| 66-66 | 10MHz-10MHz | 64QAM-64QAM   | 132022-132121 | 50RB#0-50RB#0 | 18.726 | 20.22 | PASS |
| 66-66 | 10MHz-10MHz | 64QAM-64QAM   | 132373-132472 | 50RB#0-50RB#0 | 18.756 | 19.83 | PASS |
| 66-66 | 10MHz-10MHz | 64QAM-64QAM   | 132523-132622 | 50RB#0-50RB#0 | 18.820 | 19.98 | PASS |
| 66-66 | 10MHz-10MHz | 256QAM-256QAM | 132022-132121 | 50RB#0-50RB#0 | 18.736 | 20.07 | PASS |
| 66-66 | 10MHz-10MHz | 256QAM-256QAM | 132373-132472 | 50RB#0-50RB#0 | 18.773 | 19.95 | PASS |
| 66-66 | 10MHz-10MHz | 256QAM-256QAM | 132523-132622 | 50RB#0-50RB#0 | 18.756 | 19.92 | PASS |
| 66-66 | 5MHz-15MHz  | QPSK-QPSK     | 132002-132095 | 25RB#0-75RB#0 | 18.173 | 19.20 | PASS |
| 66-66 | 5MHz-15MHz  | QPSK-QPSK     | 132353-132446 | 25RB#0-75RB#0 | 18.143 | 19.25 | PASS |
| 66-66 | 5MHz-15MHz  | QPSK-QPSK     | 132504-132597 | 25RB#0-75RB#0 | 18.231 | 19.31 | PASS |
| 66-66 | 5MHz-15MHz  | 16QAM-16QAM   | 132002-132095 | 25RB#0-75RB#0 | 18.144 | 19.20 | PASS |
| 66-66 | 5MHz-15MHz  | 16QAM-16QAM   | 132353-132446 | 25RB#0-75RB#0 | 18.102 | 19.18 | PASS |
| 66-66 | 5MHz-15MHz  | 16QAM-16QAM   | 132504-132597 | 25RB#0-75RB#0 | 17.990 | 19.03 | PASS |
| 66-66 | 5MHz-15MHz  | 64QAM-64QAM   | 132002-132095 | 25RB#0-75RB#0 | 16.840 | 19.00 | PASS |
| 66-66 | 5MHz-15MHz  | 64QAM-64QAM   | 132353-132446 | 25RB#0-75RB#0 | 16.617 | 18.93 | PASS |
| 66-66 | 5MHz-15MHz  | 64QAM-64QAM   | 132504-132597 | 25RB#0-75RB#0 | 18.180 | 19.23 | PASS |
| 66-66 | 5MHz-15MHz  | 256QAM-256QAM | 132002-132095 | 25RB#0-75RB#0 | 18.130 | 19.16 | PASS |
| 66-66 | 5MHz-15MHz  | 256QAM-256QAM | 132353-132446 | 25RB#0-75RB#0 | 18.109 | 19.19 | PASS |
| 66-66 | 5MHz-15MHz  | 256QAM-256QAM | 132504-132597 | 25RB#0-75RB#0 | 18.183 | 19.17 | PASS |

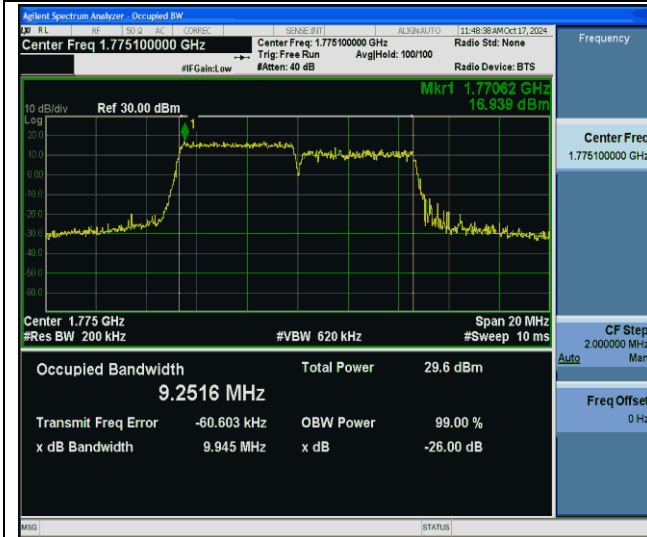
## Test Graphs



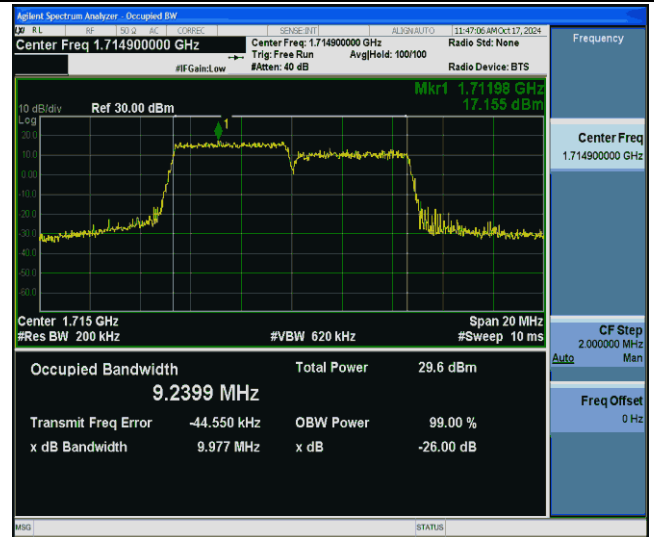
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 25RB#0-PASS



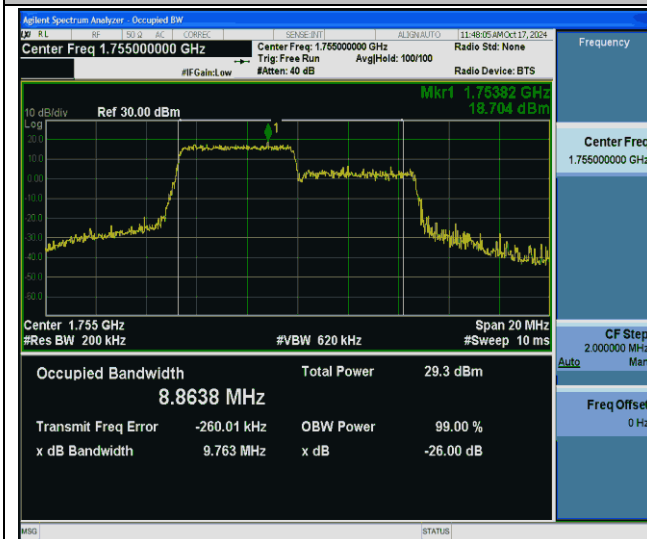
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 25RB#0-PASS



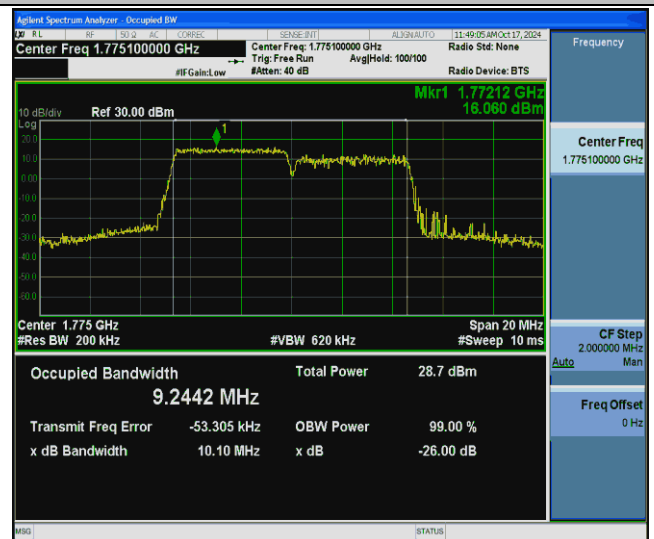
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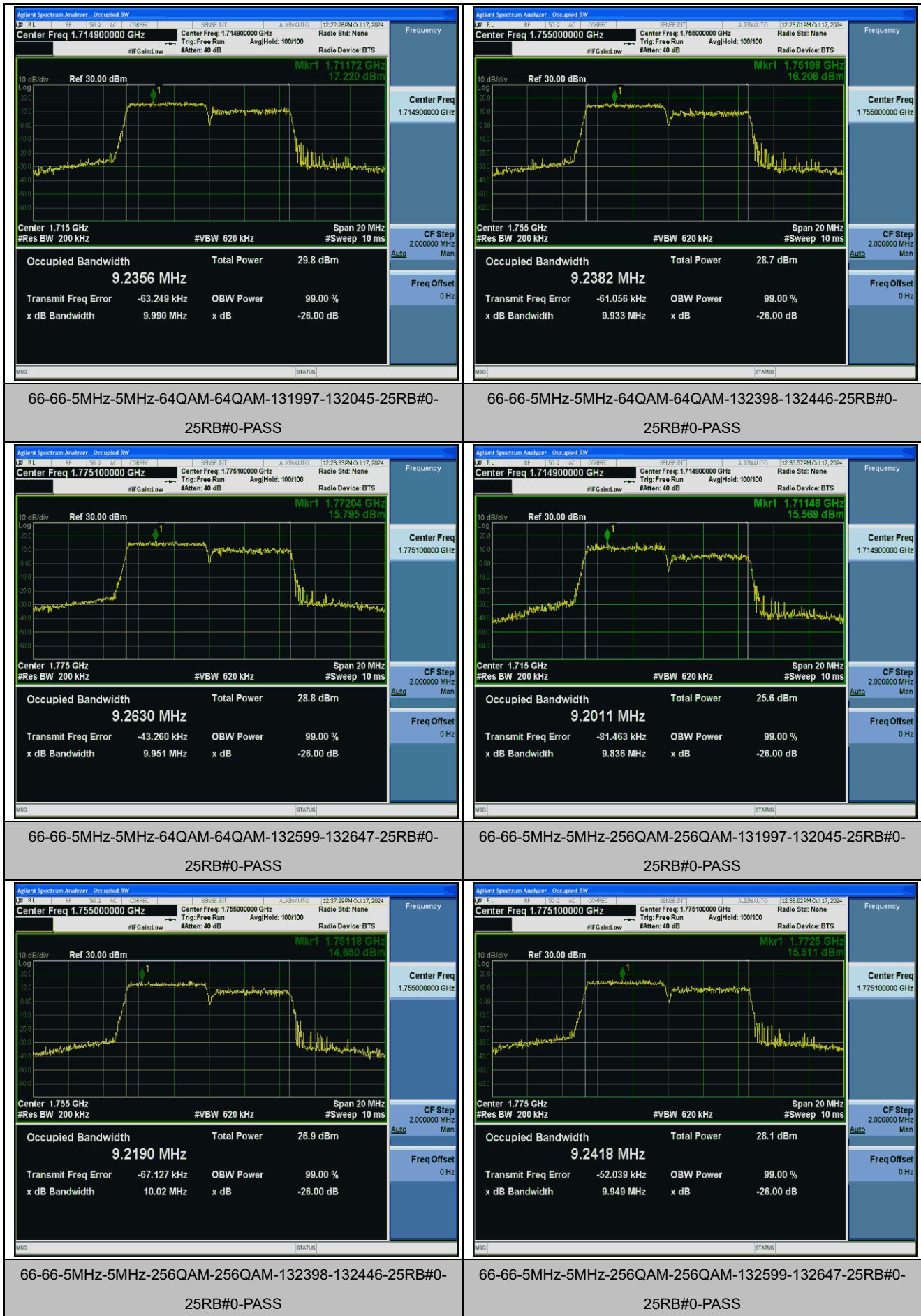
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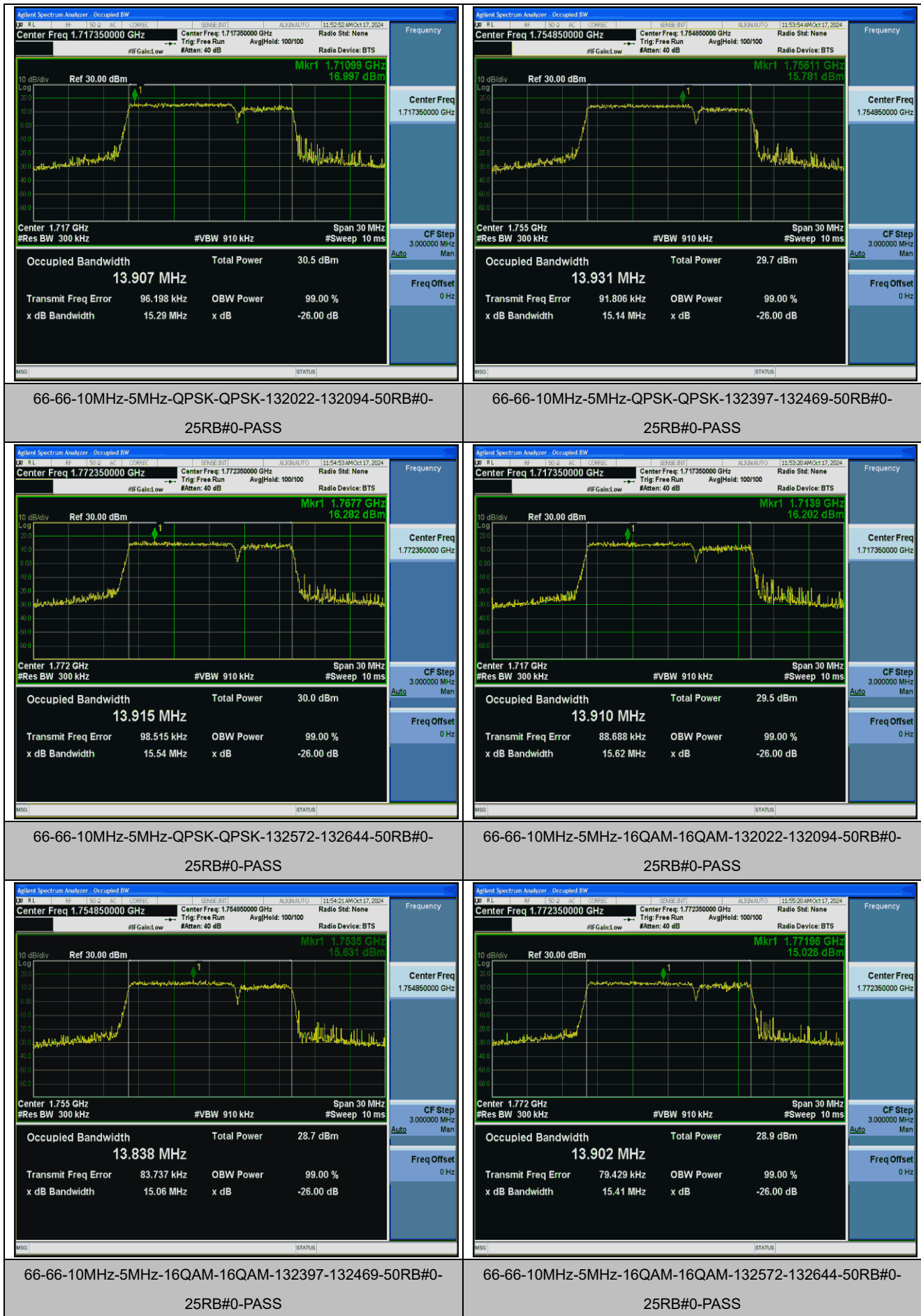


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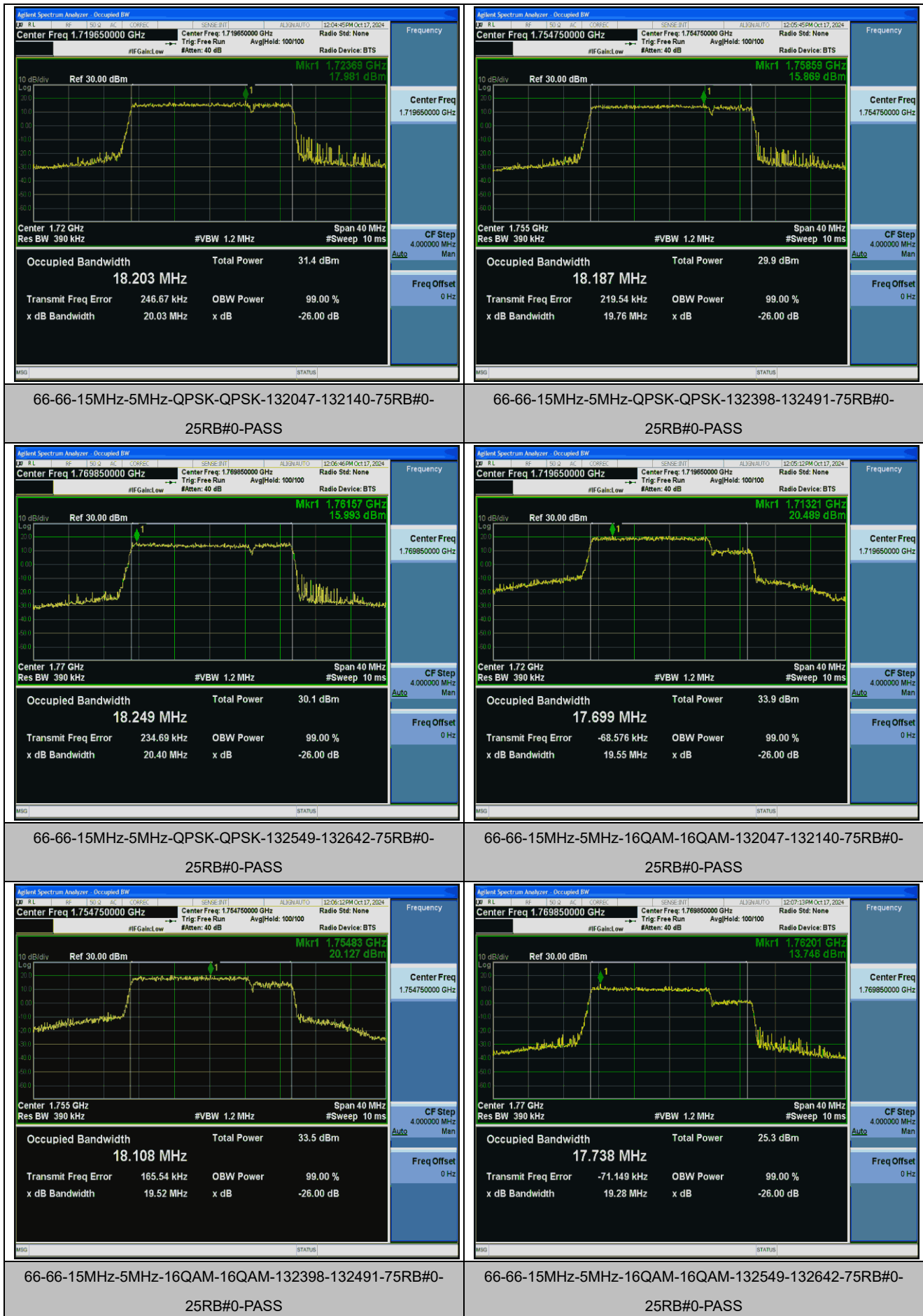


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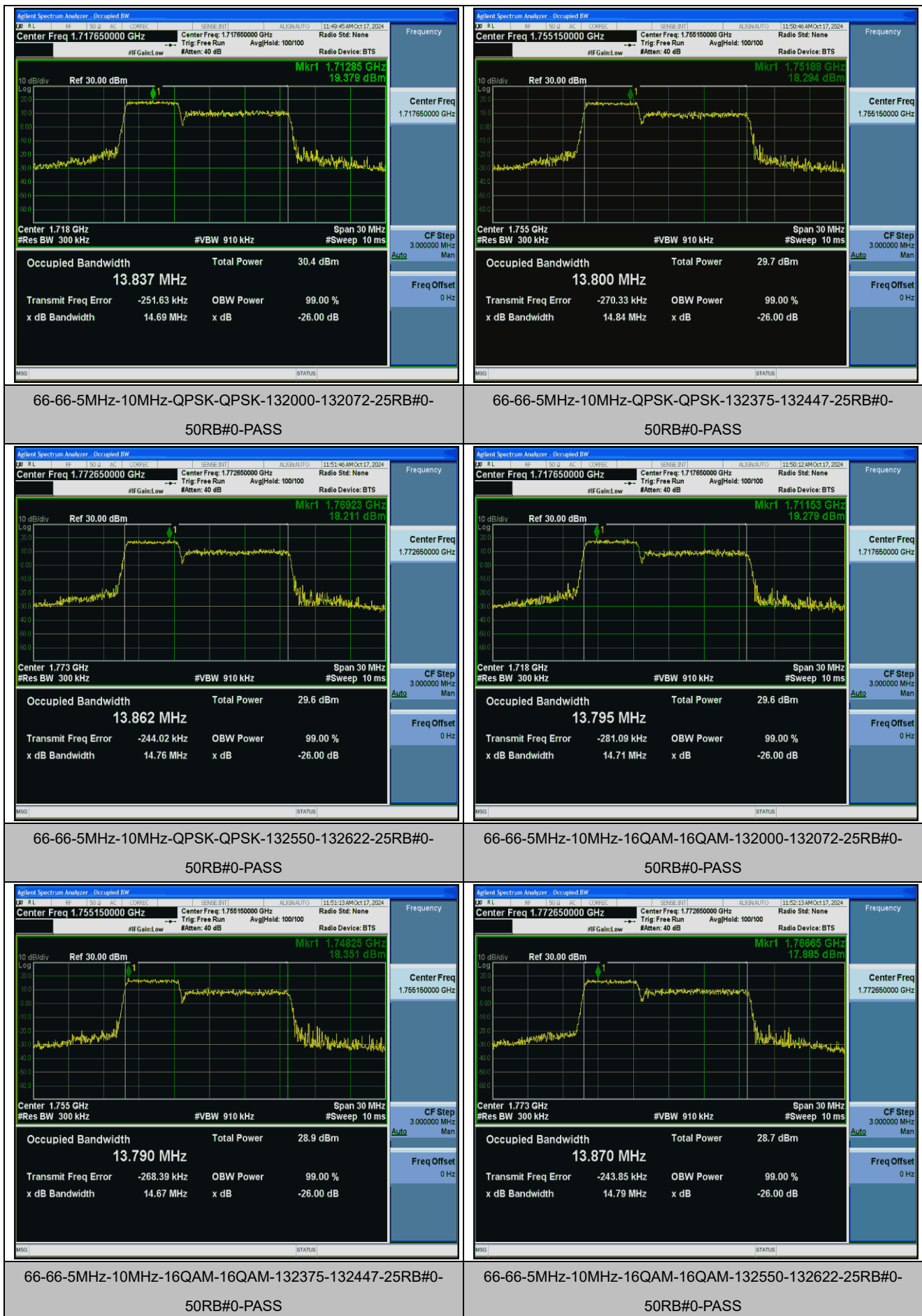


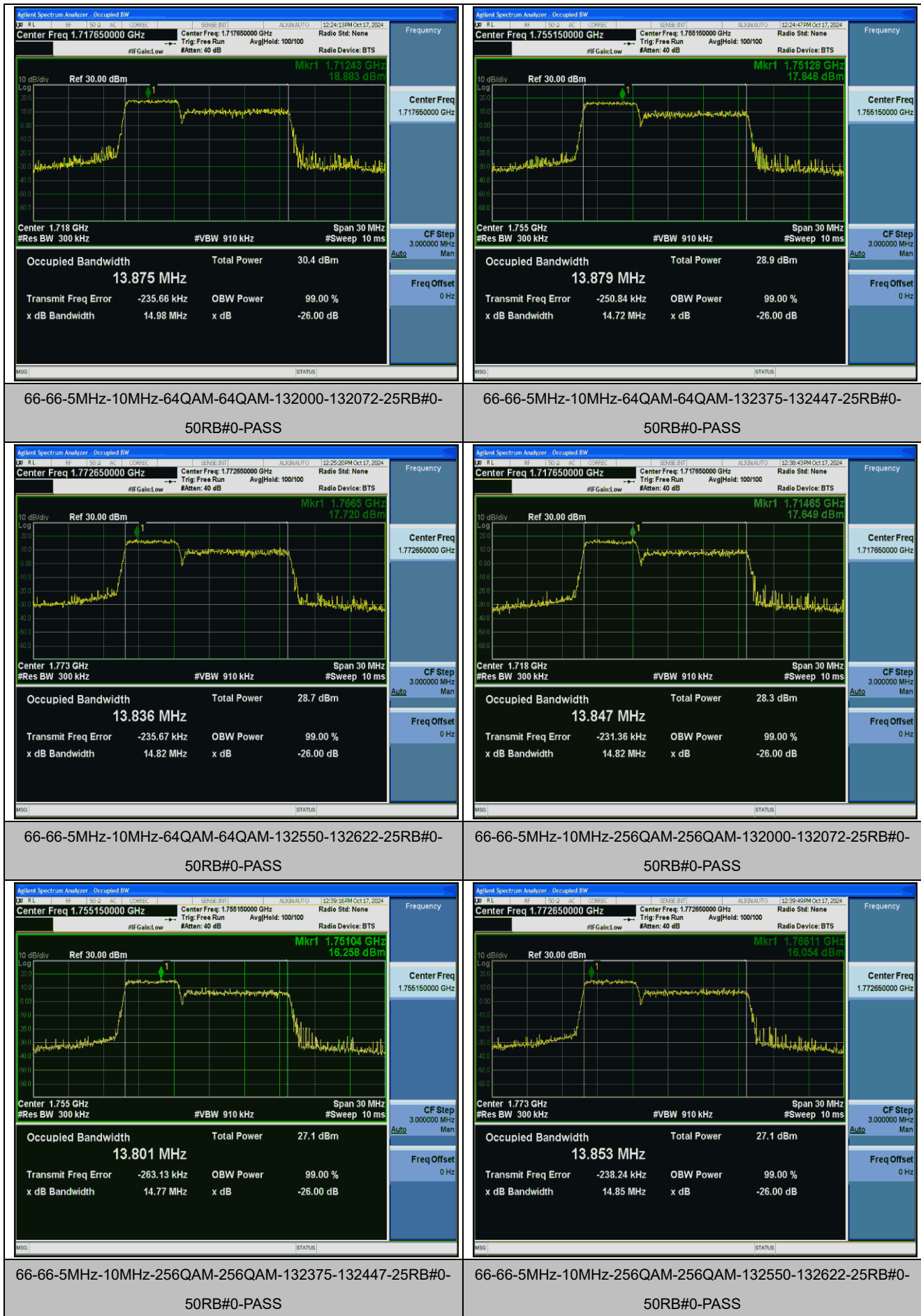


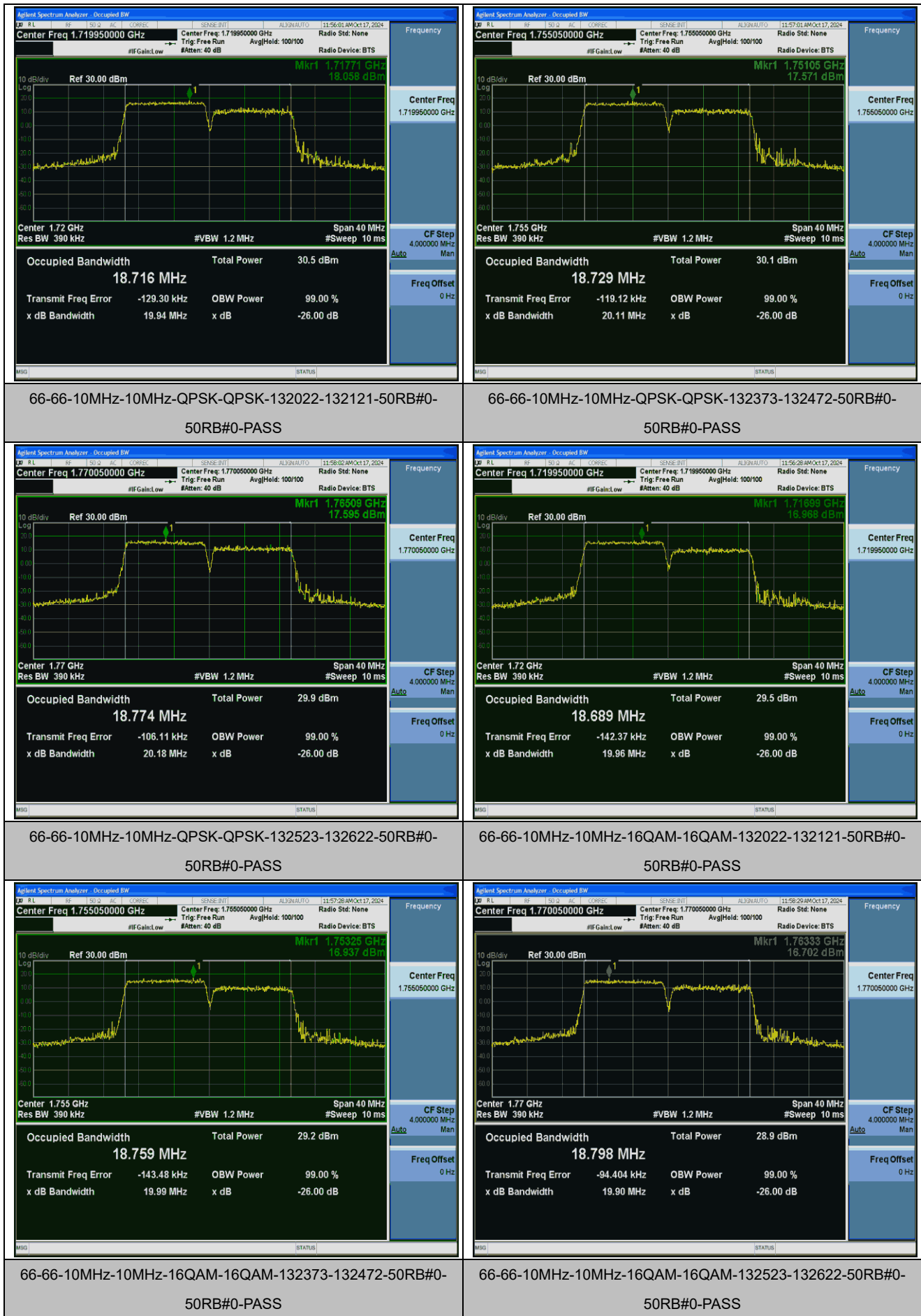


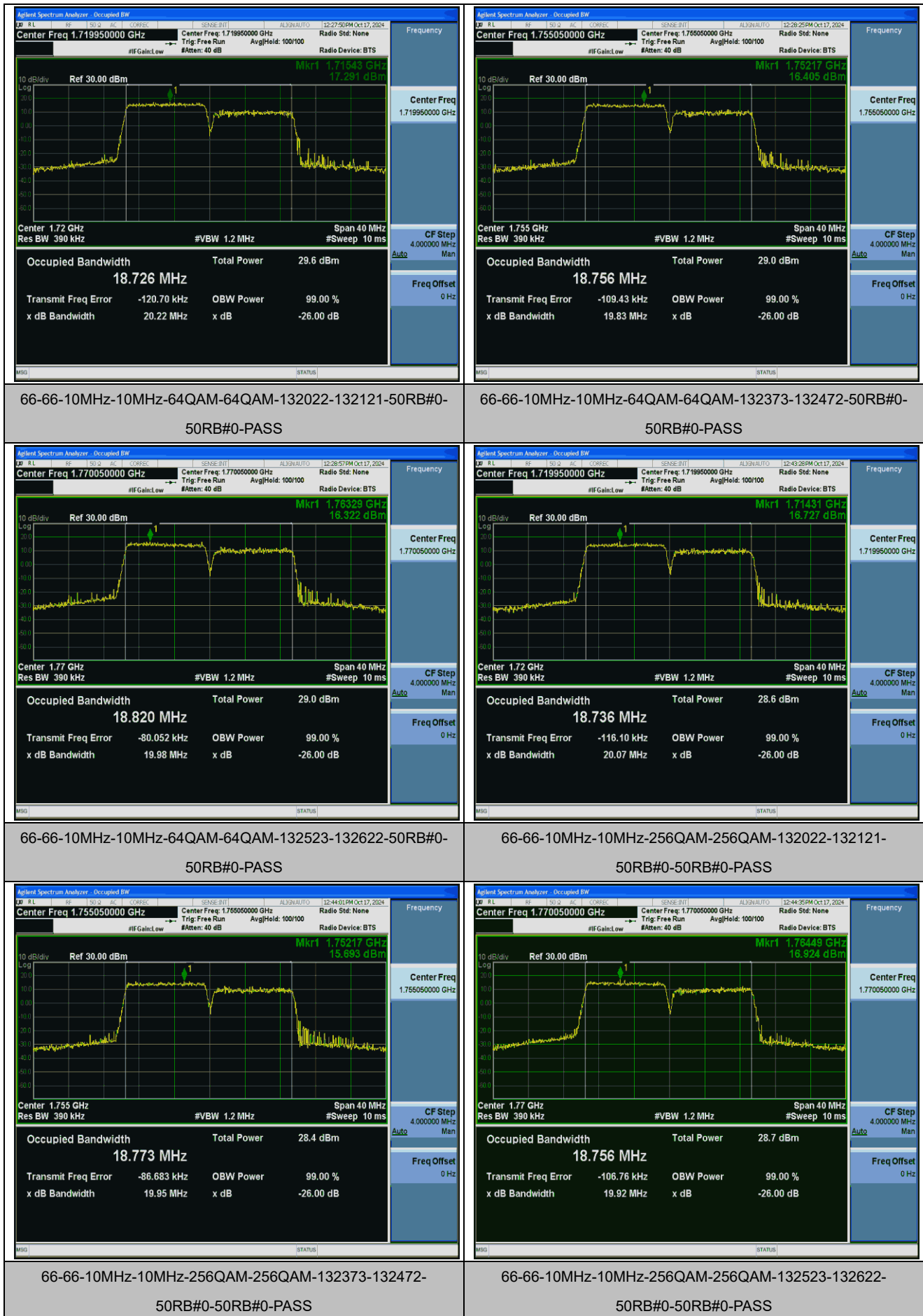


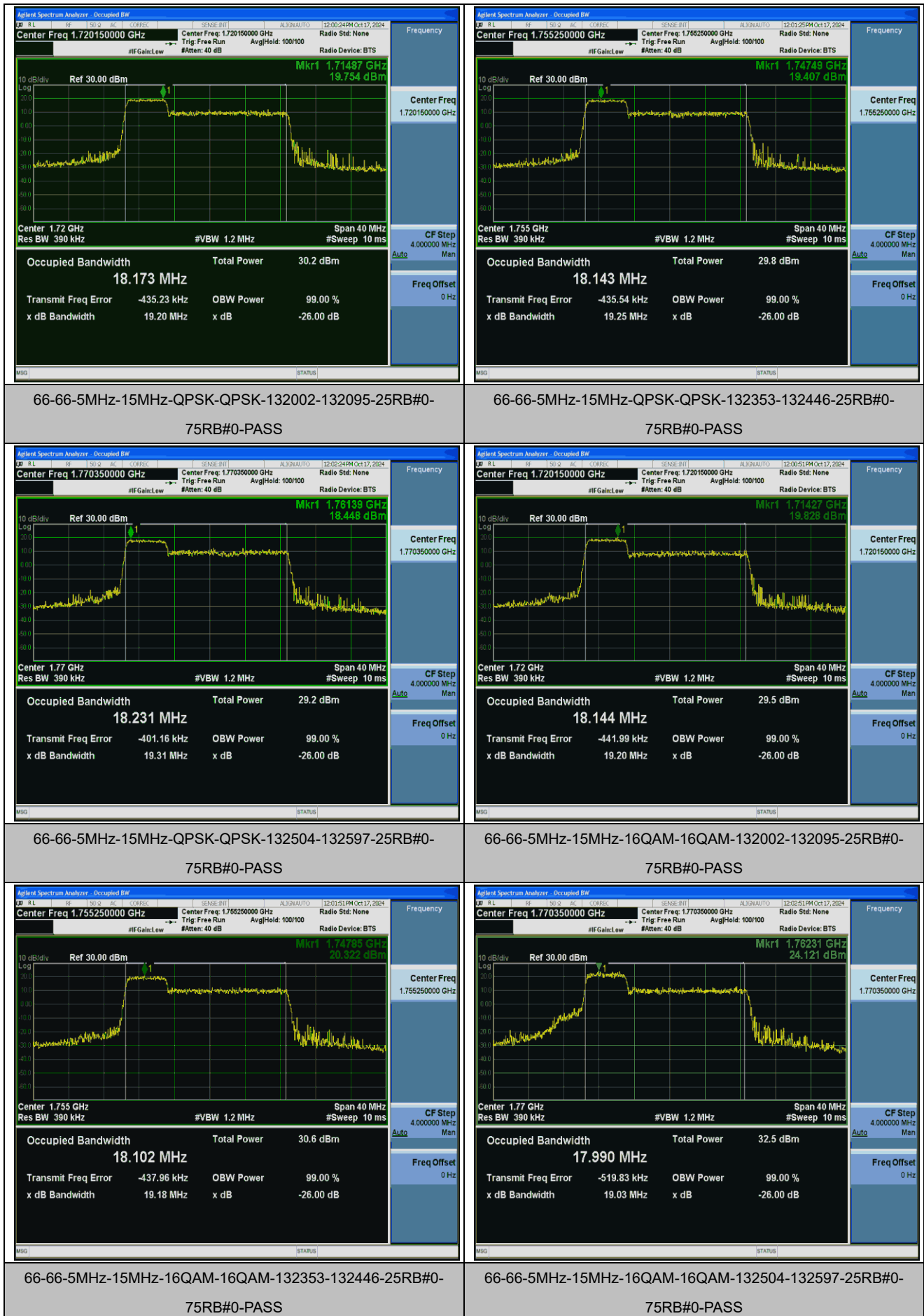


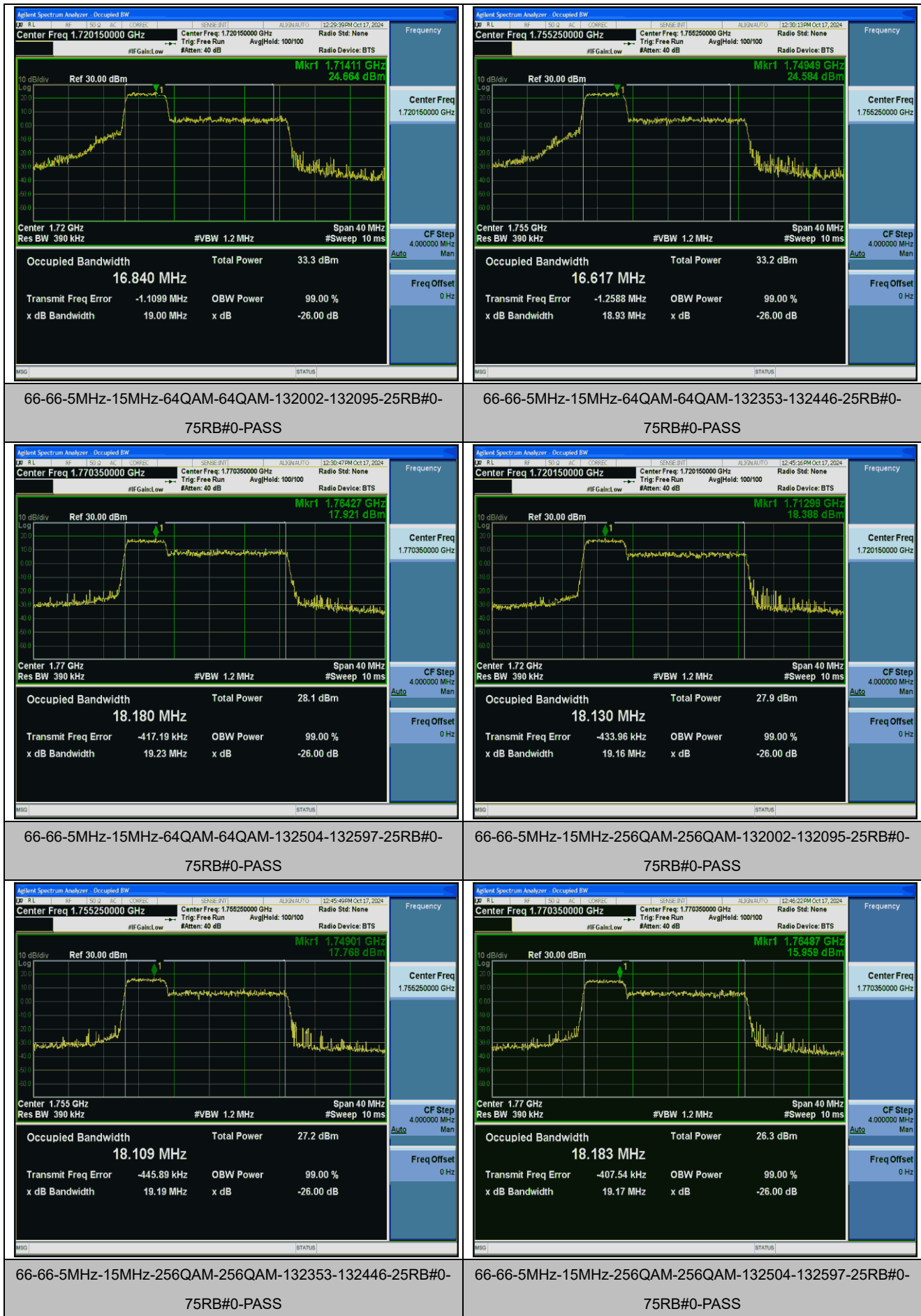






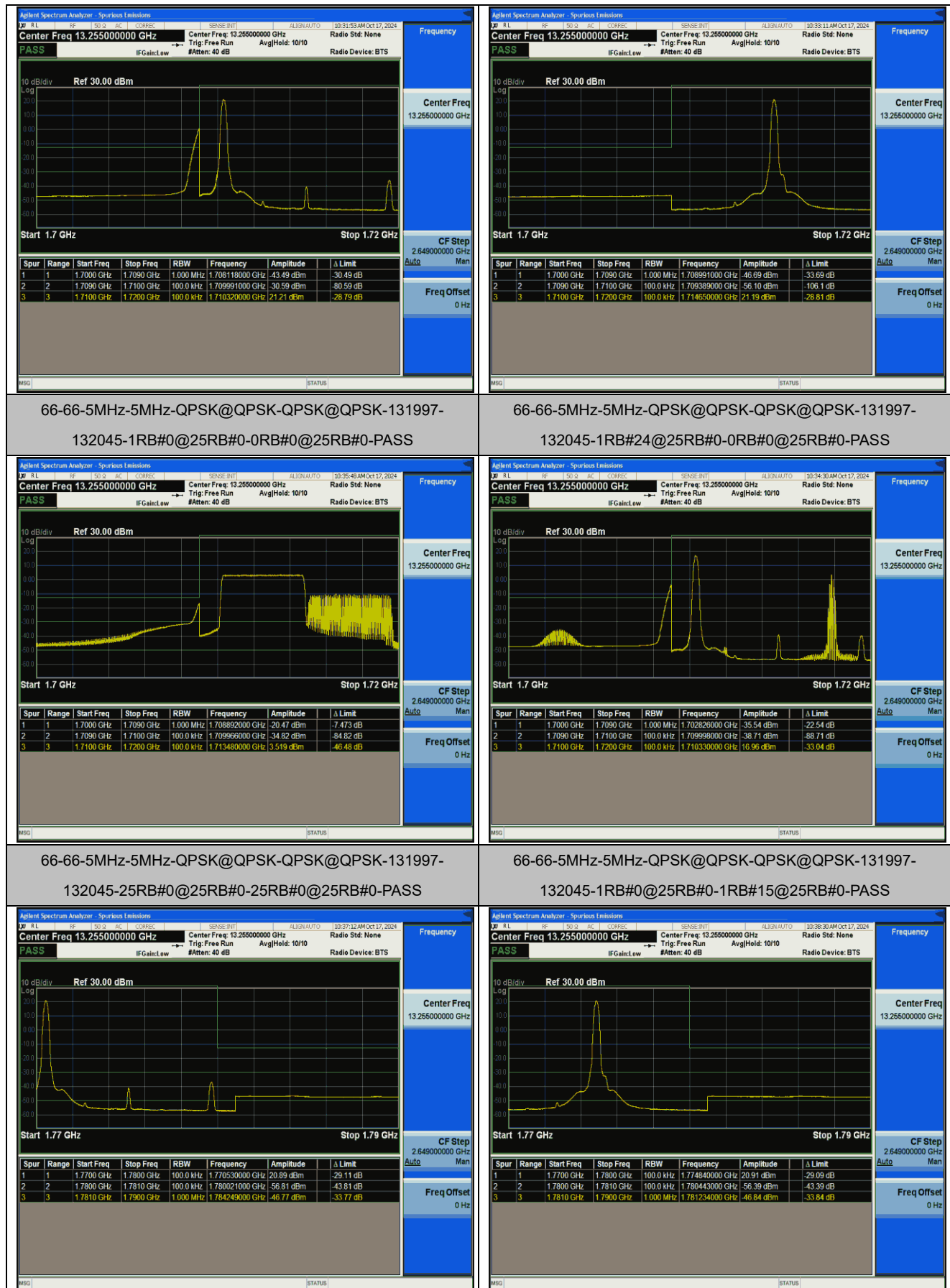




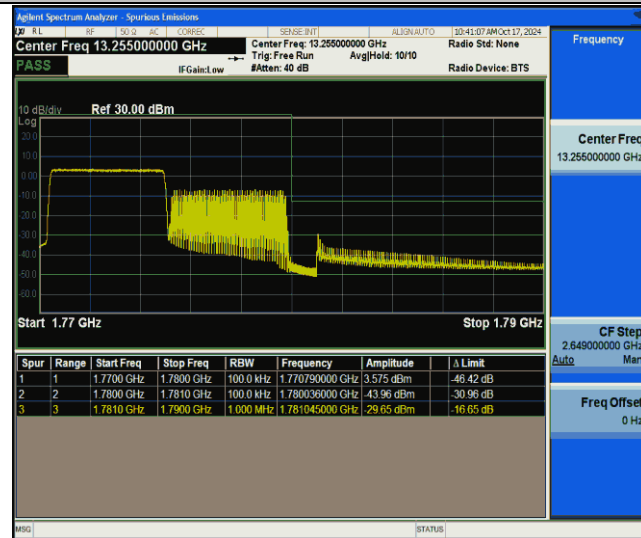


## Band Edge

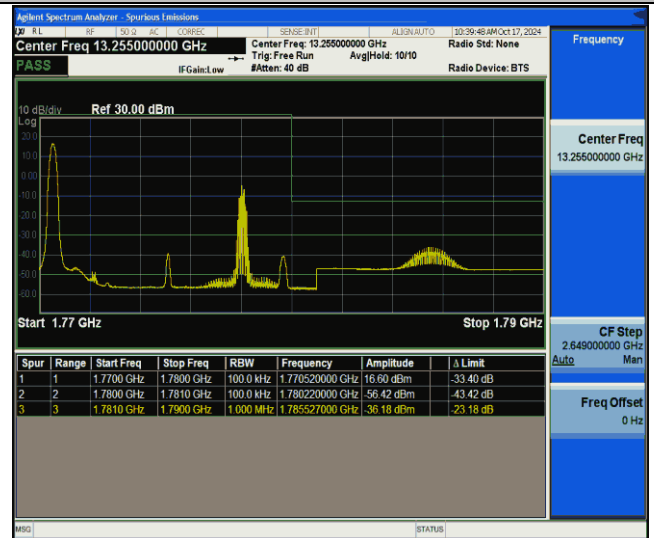
### Test Graphs



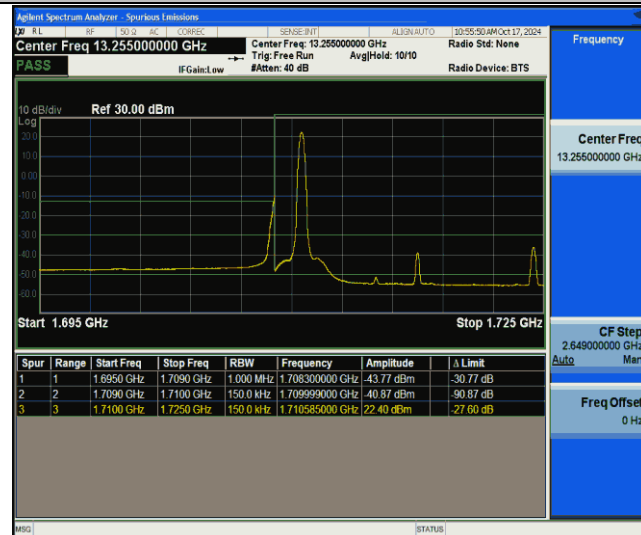
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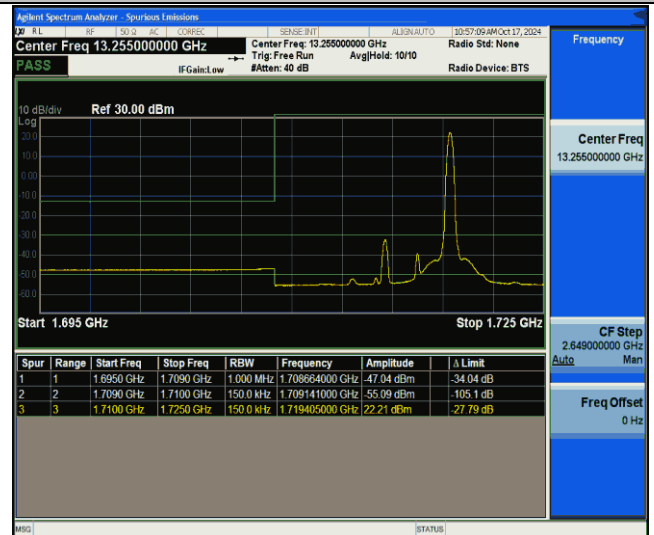
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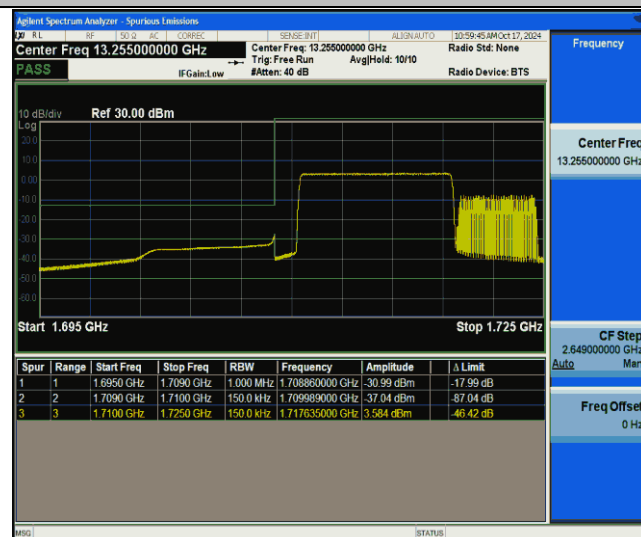
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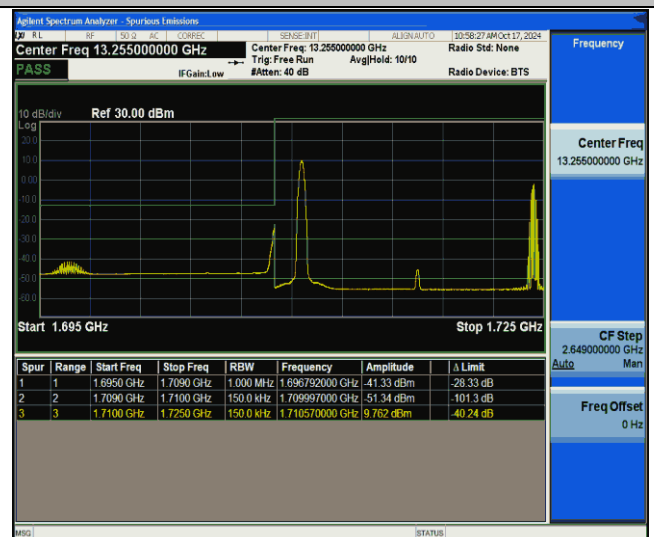
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66-66-10MHz-5MHz-QPSK@QPSK-QPSK@QPSK-132022-  
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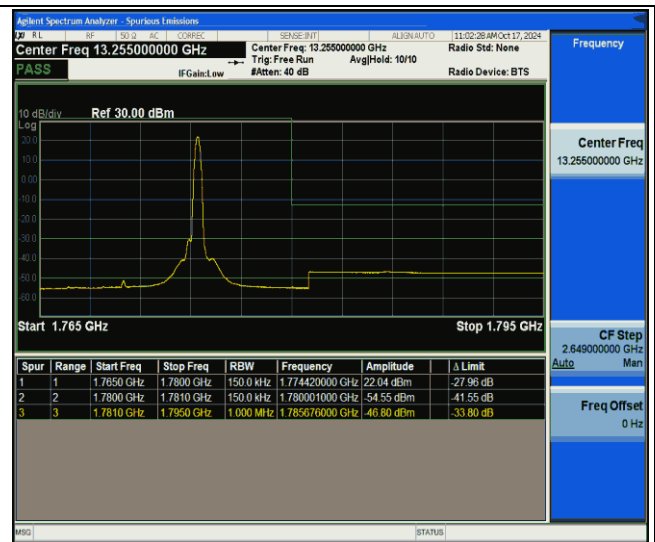
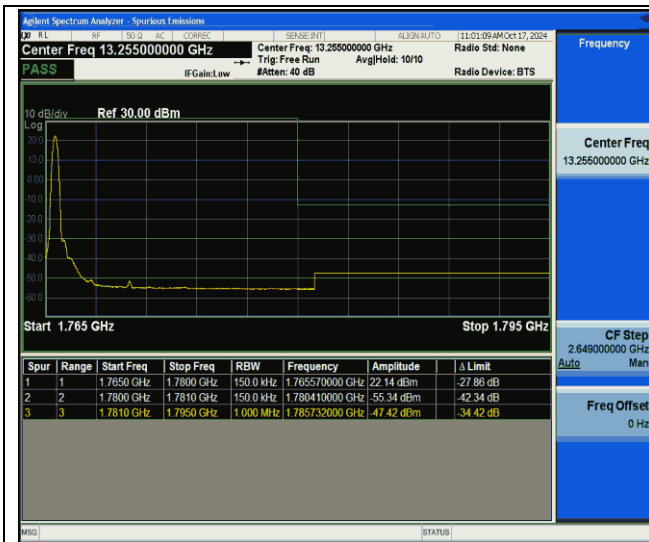


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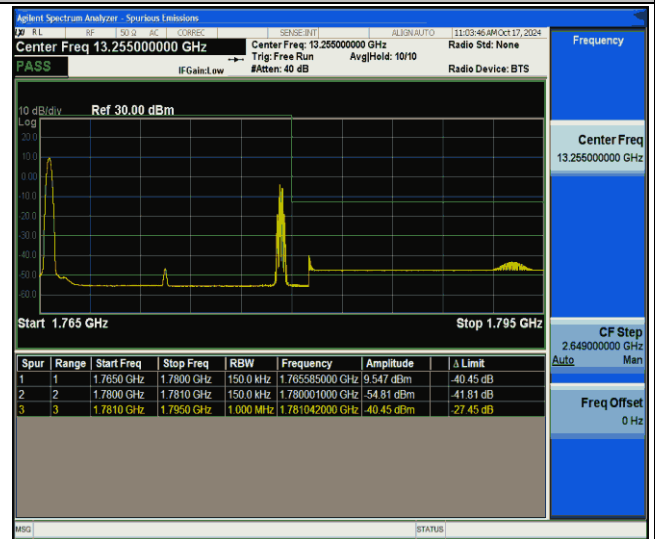
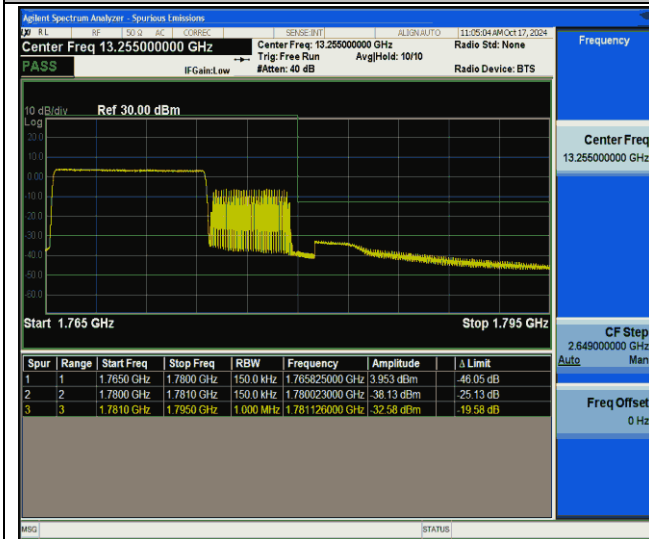
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66-66-10MHz-5MHz-QPSK@QPSK-QPSK@QPSK-132022-  
132094-1RB#0@50RB#0-1RB#24@25RB#0-PASS



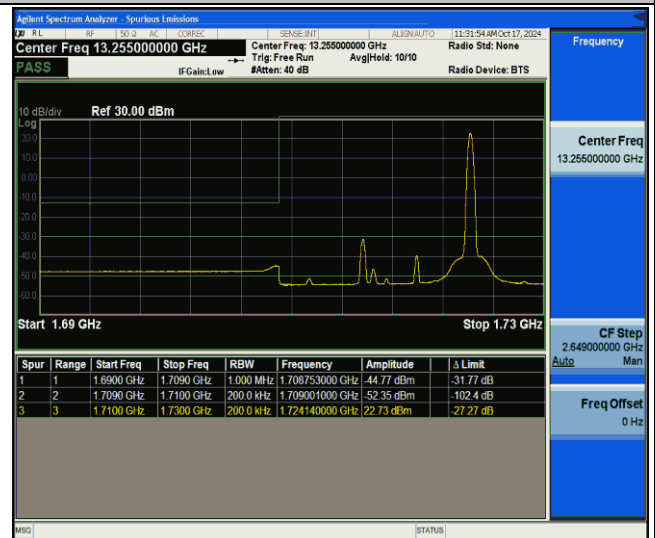
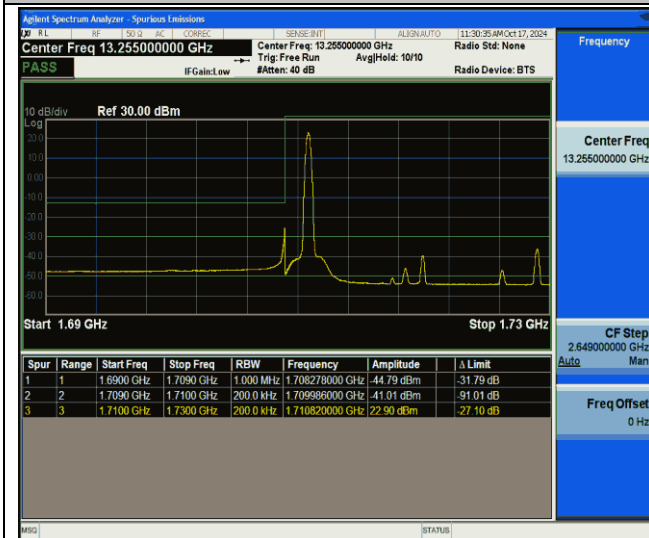
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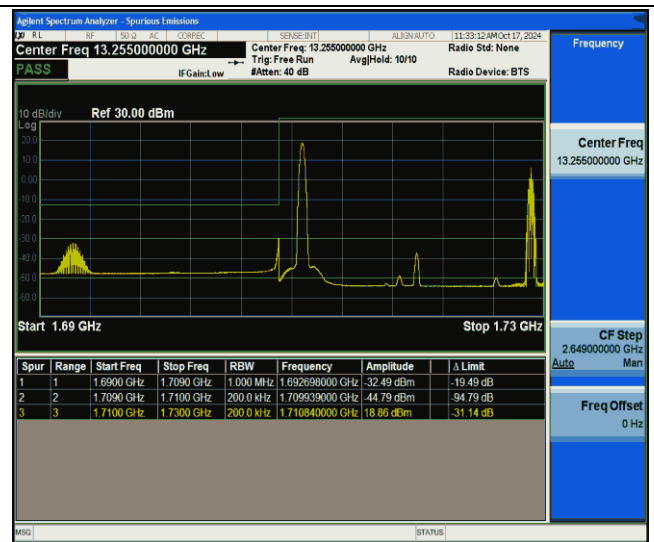
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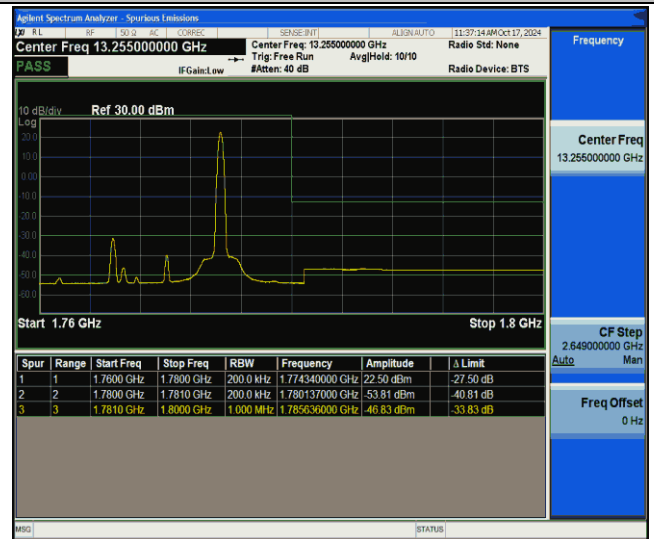
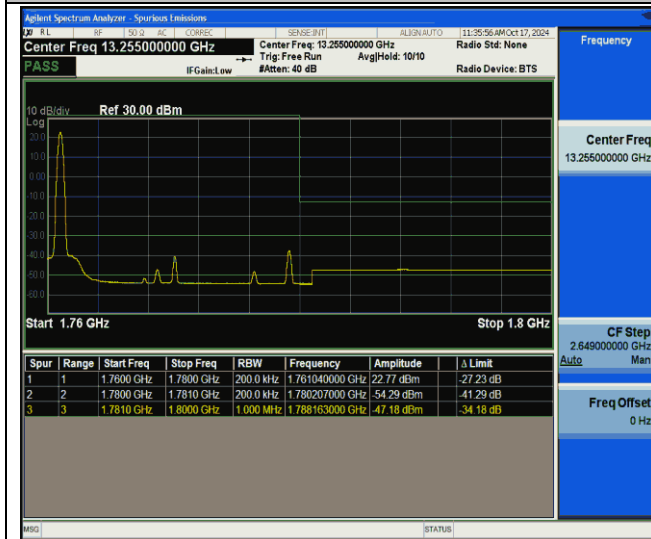
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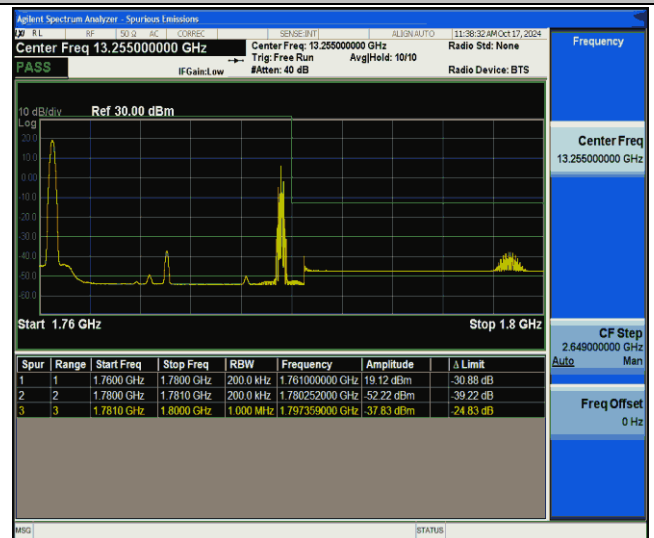
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66-66-15MHz-5MHz-QPSK@QPSK-QPSK@QPSK-132047-  
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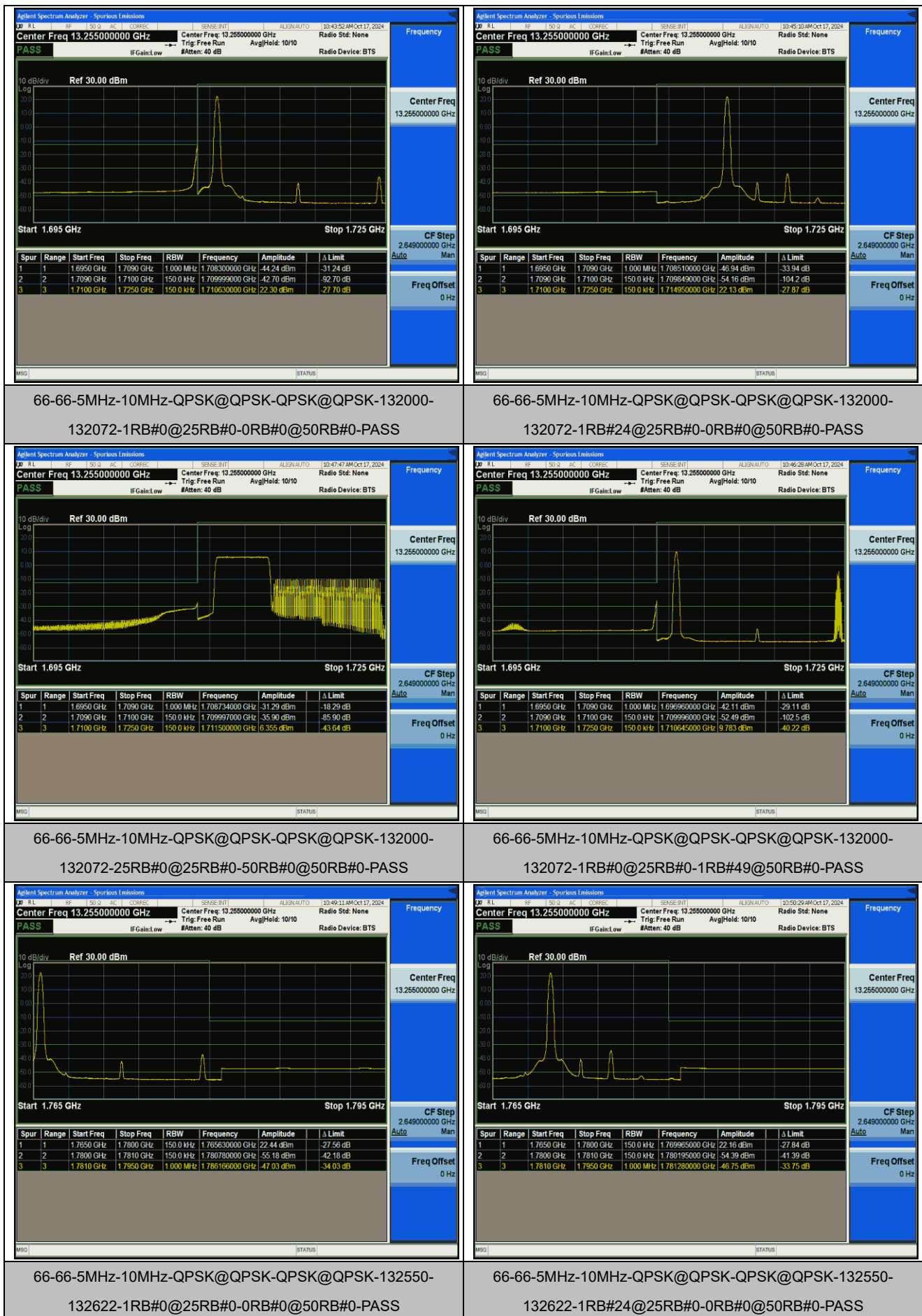
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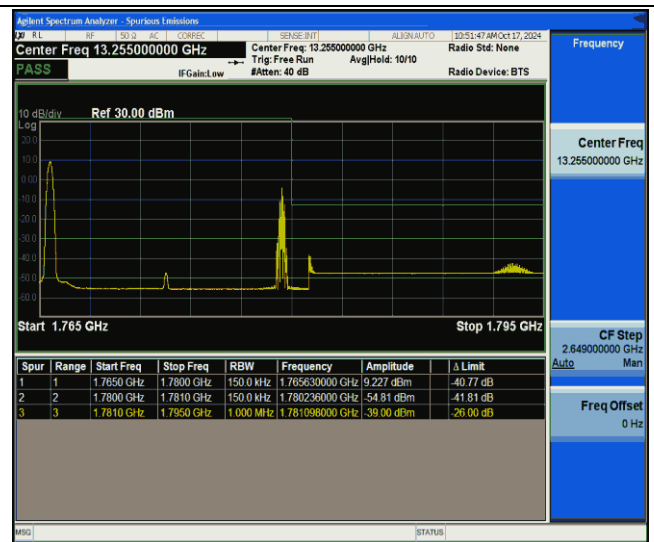
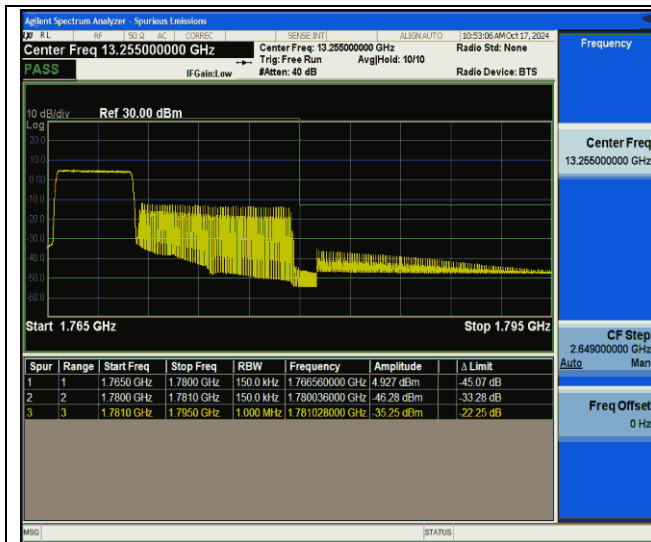
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132642-1RB#74@75RB#0-0RB#0@25RB#0-PASS



66-66-15MHz-5MHz-QPSK@QPSK-QPSK@QPSK-132549-  
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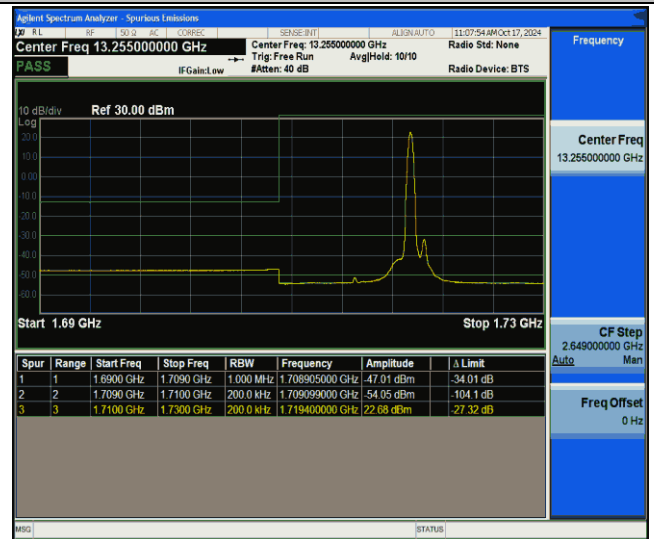
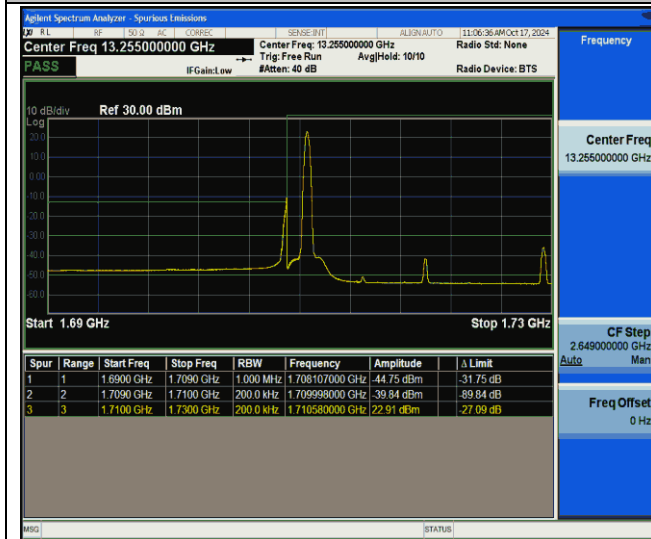
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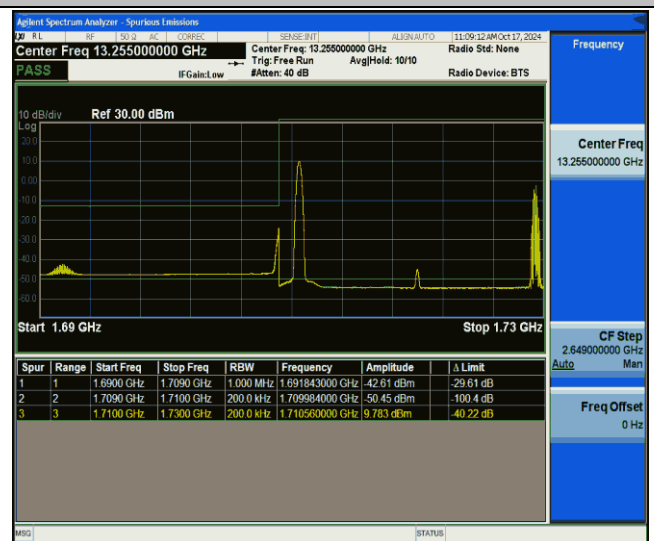
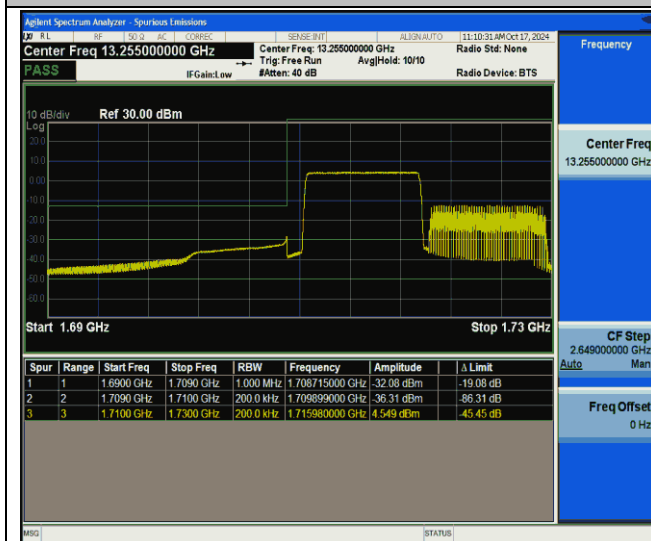
66-66-5MHz-10MHz-QPSK@QPSK-QPSK@QPSK-132550-  
132622-25RB#0@25RB#0-50RB#0@50RB#0-PASS

66-66-5MHz-10MHz-QPSK@QPSK-QPSK@QPSK-132550-  
132622-1RB#0@25RB#0-1RB#49@50RB#0-PASS



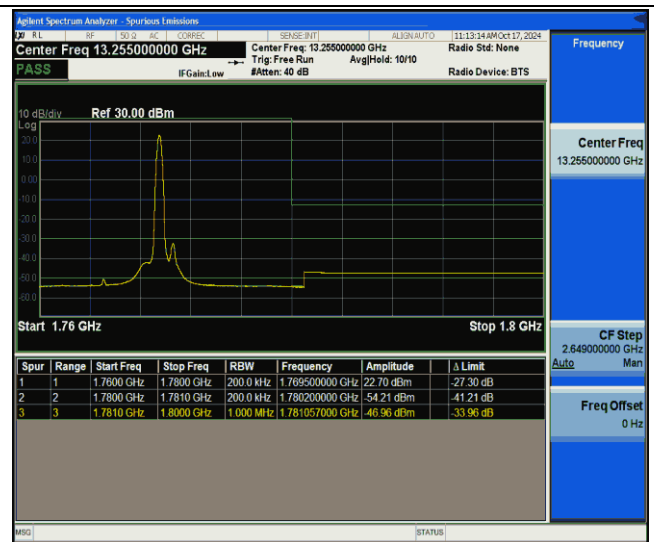
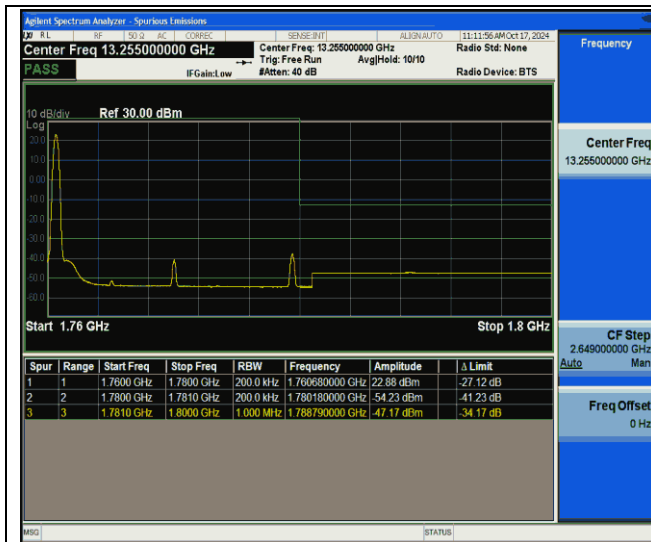
66-66-10MHz-10MHz-QPSK@QPSK-QPSK@QPSK-132022-  
132121-1RB#0@50RB#0-0RB#0@50RB#0-PASS

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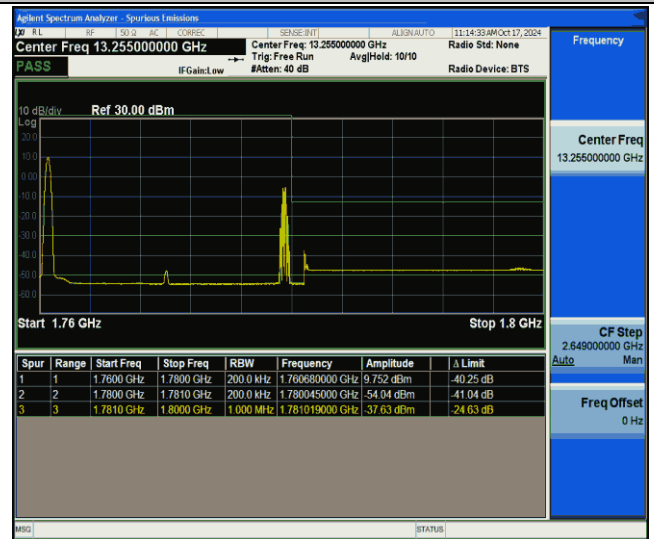
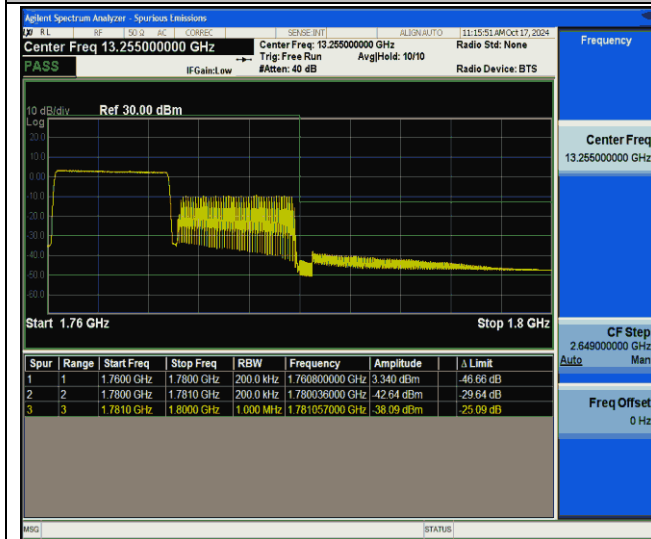
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132121-50RB#0@50RB#0-50RB#0@50RB#0-PASS

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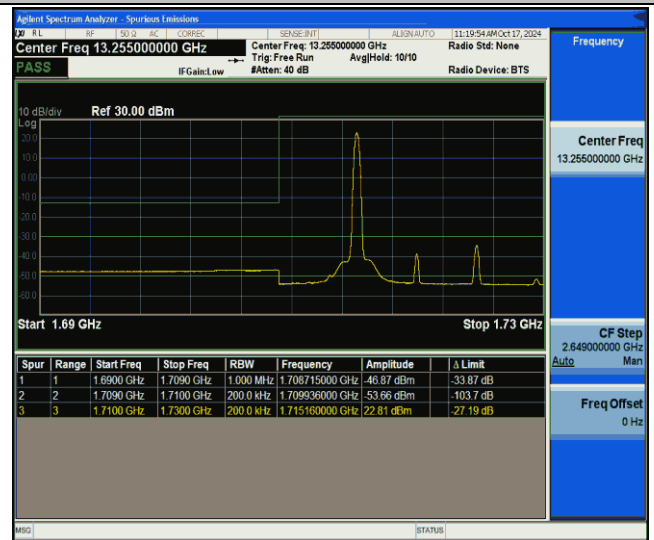
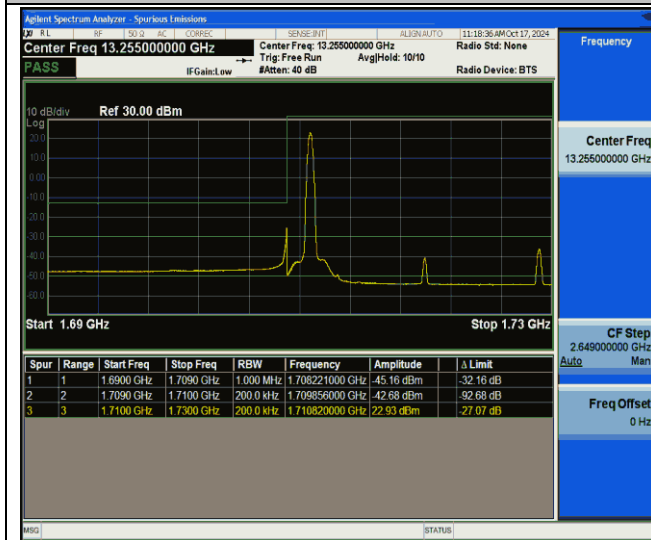
66-66-10MHz-10MHz-QPSK@QPSK-QPSK@QPSK-132523-  
132622-1RB#0@50RB#0-0RB#0@50RB#0-PASS

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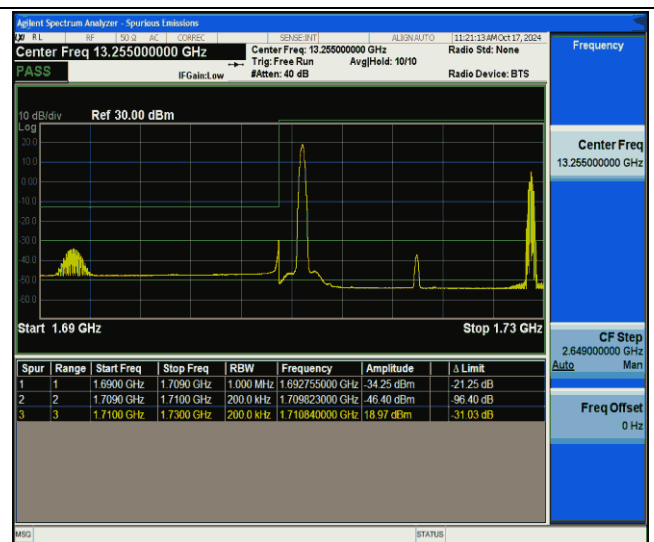
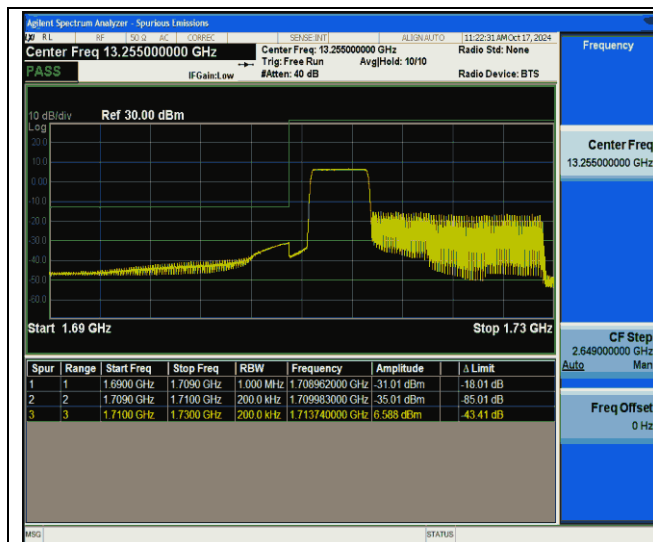
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66-66-10MHz-10MHz-QPSK@QPSK-QPSK@QPSK-132523-  
132622-1RB#0@50RB#0-1RB#49@50RB#0-PASS



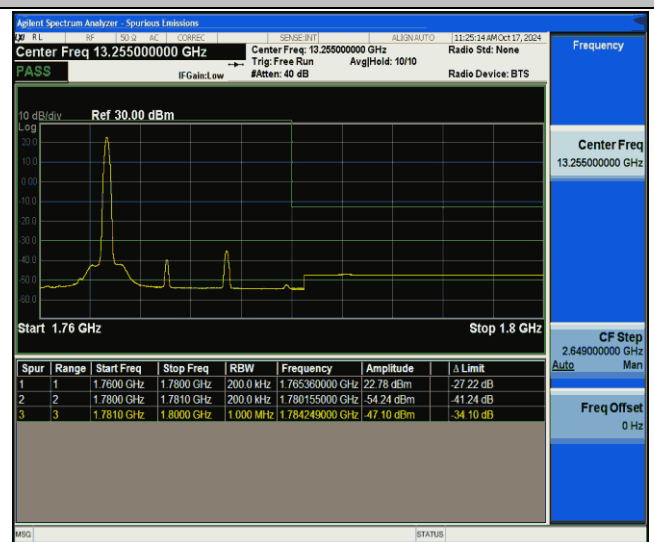
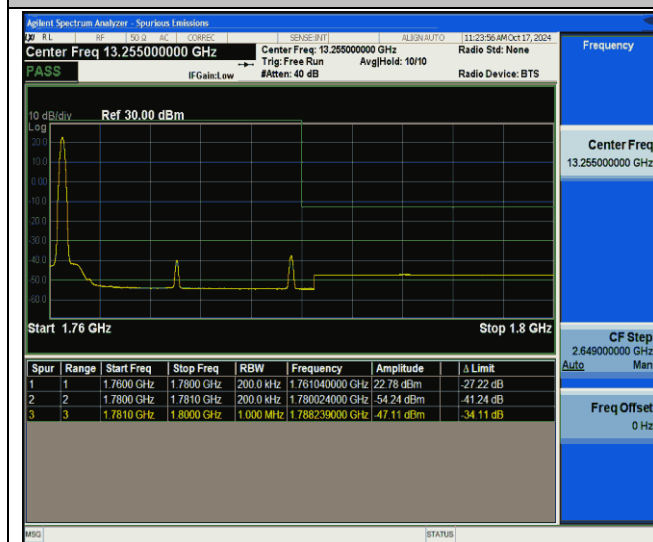
66-66-5MHz-15MHz-QPSK@QPSK-QPSK@QPSK-132002-  
132095-1RB#0@25RB#0-0RB#0@75RB#0-PASS

66-66-5MHz-15MHz-QPSK@QPSK-QPSK@QPSK-132002-  
132095-1RB#24@25RB#0-0RB#0@75RB#0-PASS



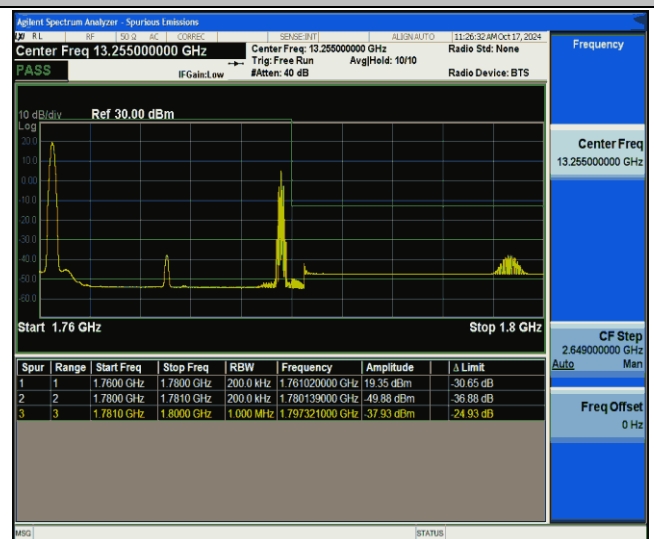
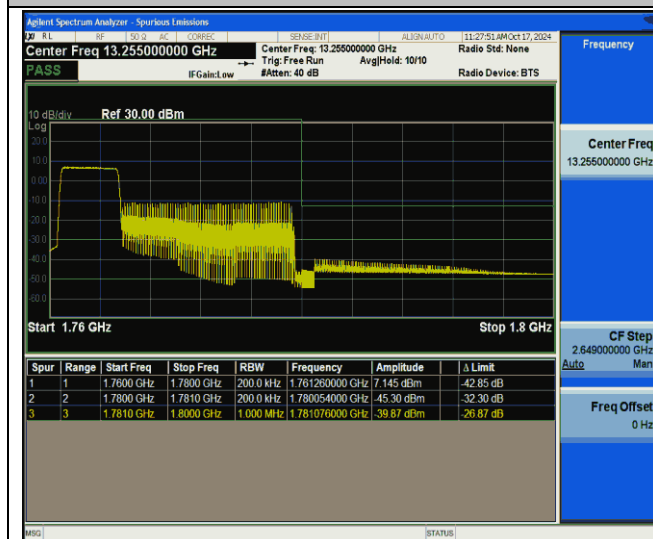
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66-66-5MHz-15MHz-QPSK@QPSK-QPSK@QPSK-132002-132095-1RB#0@25RB#0-1RB#74@75RB#0-PASS



66-66-5MHz-15MHz-QPSK@QPSK-QPSK@QPSK-132504-132597-1RB#0@25RB#0-0RB#0@75RB#0-PASS

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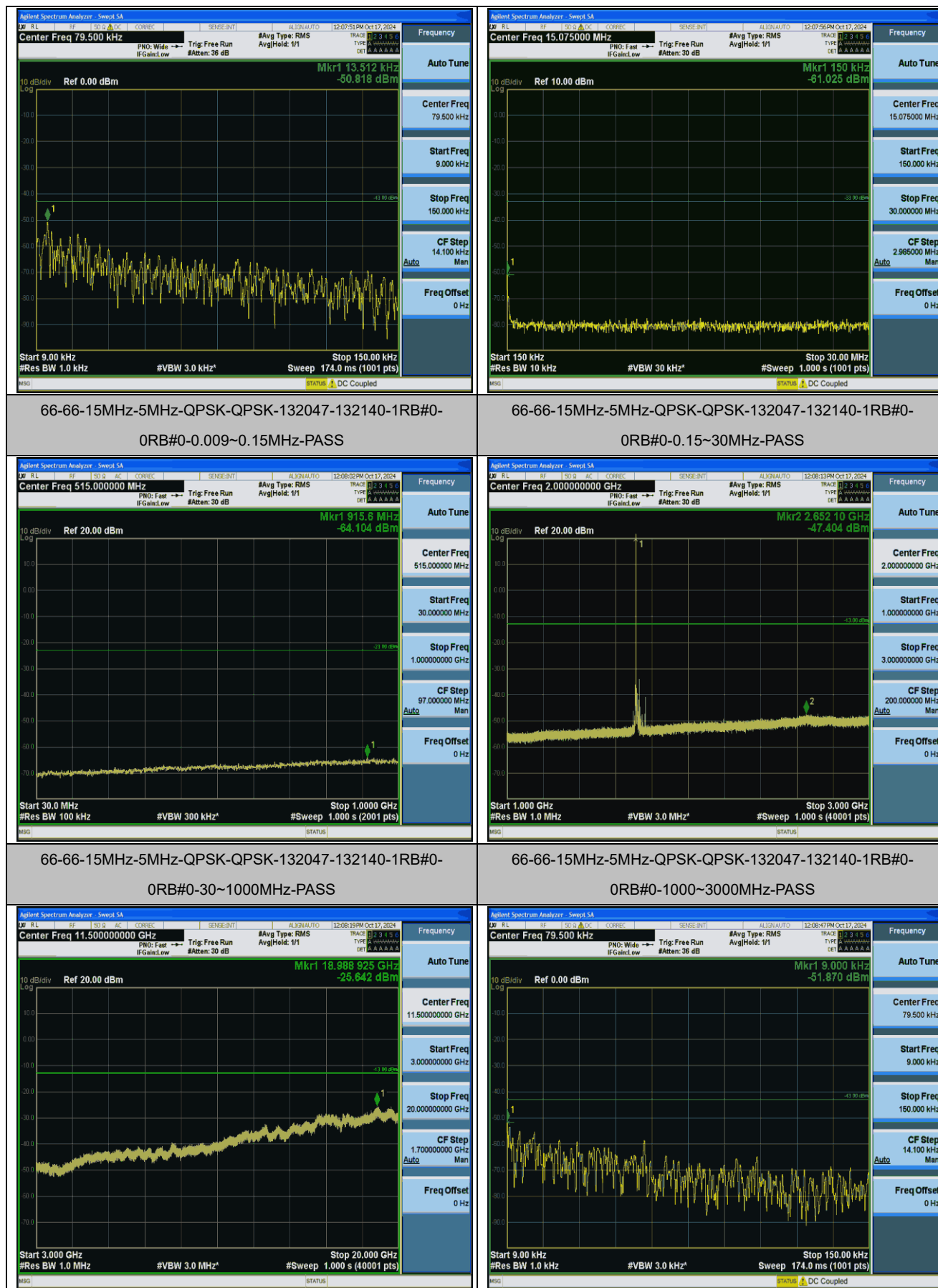


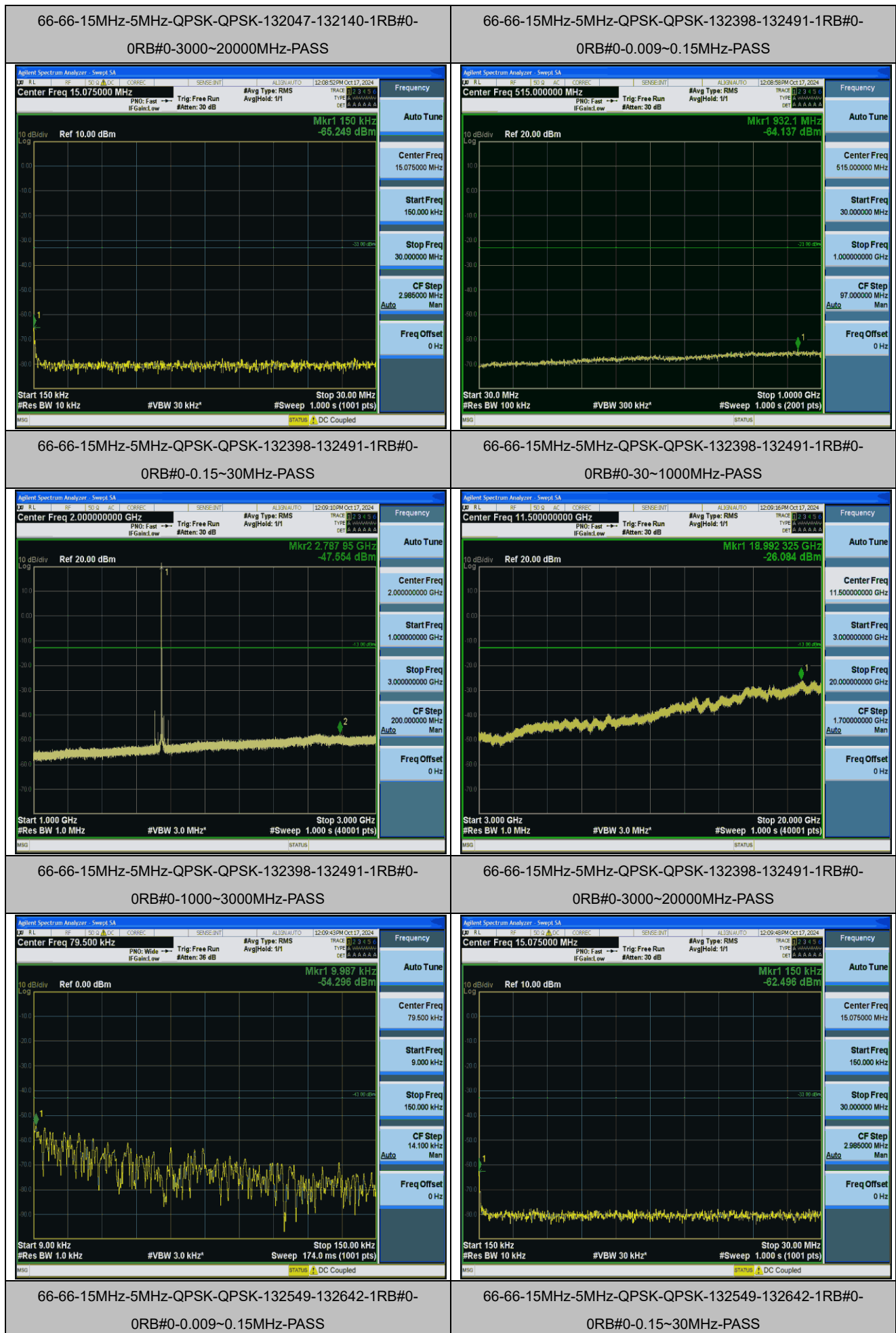
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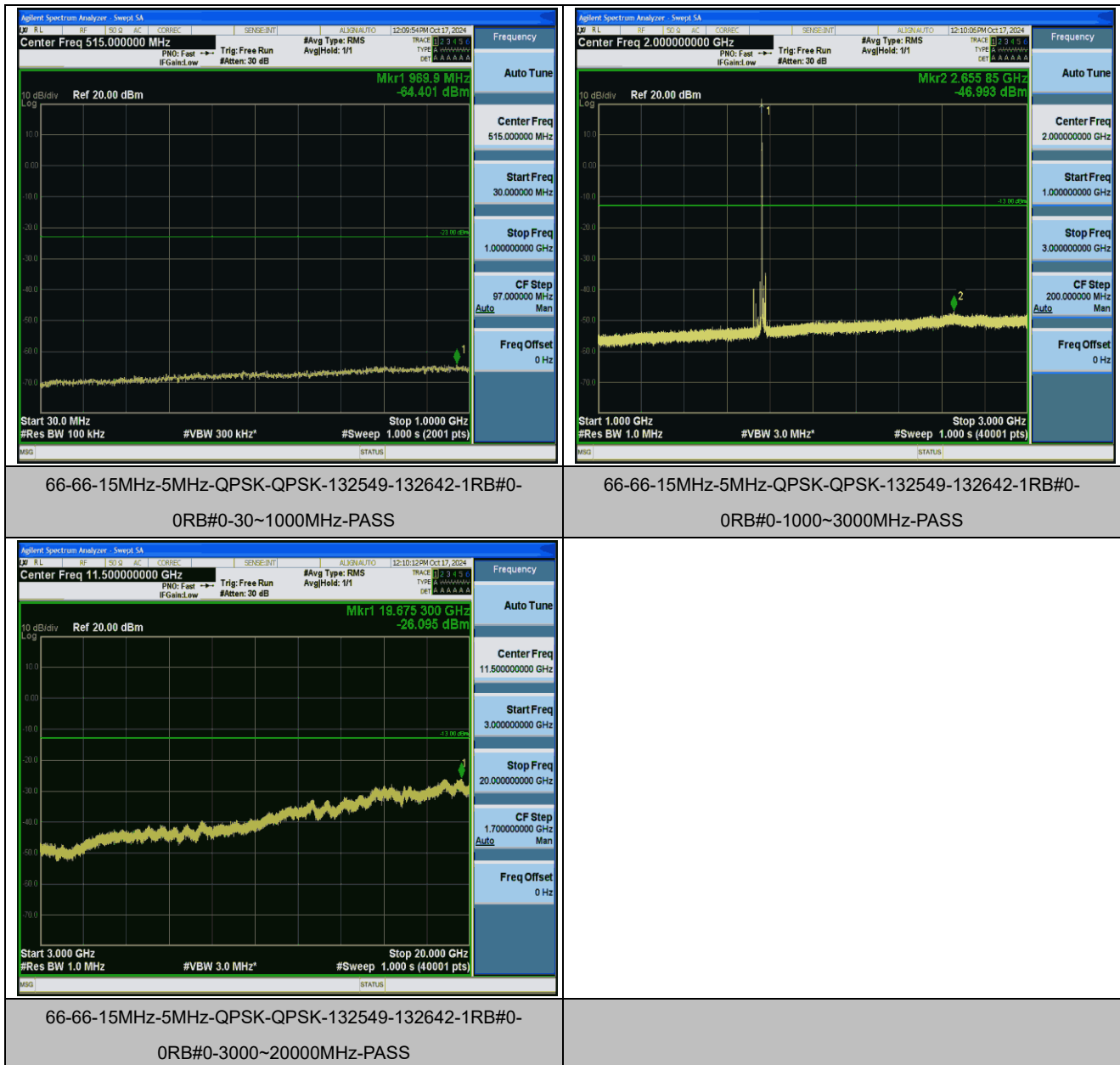
66-66-5MHz-15MHz-QPSK@QPSK-QPSK@QPSK-132504-132597-1RB#0@25RB#0-1RB#74@75RB#0-PASS

## Conducted Spurious Emission

## Test Graphs







## Frequency Stability

### Test Result

| Voltage |            |            |               |               |               |                  |                |                 |         |
|---------|------------|------------|---------------|---------------|---------------|------------------|----------------|-----------------|---------|
| Band    | Bandwidth  | Modulation | Channel       | RB Configure  | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Verdict |
| 66-66   | 15MHz-5MHz | QPSK-QPSK  | 132047-132140 | 75RB#0-25RB#0 | VN            | NT               | 1.50           | 0.002116        | PASS    |
| 66-66   | 15MHz-5MHz | QPSK-QPSK  | 132047-132140 | 75RB#0-25RB#0 | VL            | NT               | 1.20           | 0.001693        | PASS    |
| 66-66   | 15MHz-5MHz | QPSK-QPSK  | 132047-132140 | 75RB#0-25RB#0 | VH            | NT               | 0.40           | 0.000564        | PASS    |

| Temperature |            |            |               |               |               |                  |                |                 |         |
|-------------|------------|------------|---------------|---------------|---------------|------------------|----------------|-----------------|---------|
| Band        | Bandwidth  | Modulation | Channel       | RB Configure  | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Verdict |
| 66-66       | 15MHz-5MHz | QPSK-QPSK  | 132047-132140 | 75RB#0-25RB#0 | NV            | -30              | 0.10           | 0.000141        | PASS    |
| 66-66       | 15MHz-5MHz | QPSK-QPSK  | 132047-132140 | 75RB#0-25RB#0 | NV            | -20              | 0.50           | 0.000705        | PASS    |
| 66-66       | 15MHz-5MHz | QPSK-QPSK  | 132047-132140 | 75RB#0-25RB#0 | NV            | -10              | 0.50           | 0.000705        | PASS    |
| 66-66       | 15MHz-5MHz | QPSK-QPSK  | 132047-132140 | 75RB#0-25RB#0 | NV            | 0                | -0.20          | -0.000282       | PASS    |
| 66-66       | 15MHz-5MHz | QPSK-QPSK  | 132047-132140 | 75RB#0-25RB#0 | NV            | 10               | -0.80          | -0.001128       | PASS    |
| 66-66       | 15MHz-5MHz | QPSK-QPSK  | 132047-132140 | 75RB#0-25RB#0 | NV            | 20               | 0.50           | 0.000705        | PASS    |
| 66-66       | 15MHz-5MHz | QPSK-QPSK  | 132047-132140 | 75RB#0-25RB#0 | NV            | 30               | 0.10           | 0.000141        | PASS    |
| 66-66       | 15MHz-5MHz | QPSK-QPSK  | 132047-132140 | 75RB#0-25RB#0 | NV            | 40               | 1.50           | 0.002116        | PASS    |
| 66-66       | 15MHz-5MHz | QPSK-QPSK  | 132047-132140 | 75RB#0-25RB#0 | NV            | 50               | 1.10           | 0.001551        | PASS    |

~The End~